

ANALYTICAL REPORT

Job Number: 460-32125-1

Job Description: Former GM

For:
Conestoga-Rovers & Associates, Inc.
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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: Former GM

Report Number: 460-32125-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/06/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-32125-1 through 460-32125-8 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/15/2011 and analyzed on 10/16/2011.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-32125-1 through 460-32125-8(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The matrix spike (MS) recoveries for aluminum in batch 89665 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-32125-1 through 460-32125-8 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 10/12/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS

Samples 460-32125-1 through 460-32125-8 were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 10/19/2011 and analyzed on 10/24/2011.

Samples 460-32125-4(100X), 460-32125-5(50X), 460-32125-6 and 460-32125-7(10X) required dilution prior to analysis; As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Surrogate recovery was outside the upper control limits. DRO spike recovery was within limits. Data have been qualified and reported.

Refer to the QC report for details.

No other difficulties were encountered during the DRO analyses.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS

Samples 460-32125-1 through 460-32125-8 were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 10/18/2011 and analyzed on 10/19/2011.

No difficulties were encountered during the GRO analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-32125-1 through 460-32125-8 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 10/10/2011 and analyzed on 10/11/2011.

No difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-32125-1 through 460-32125-8 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 10/10/2011.

Surrogate recovery for the following sample(s) was outside the upper . This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recovery for the following sample(s) was outside the upper control limit: This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32125-1 through 460-32125-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/11/2011 and analyzed on 10/13/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89343 were outside control limits for Chloroethane; MS recoveries were also outside control limits for 1,1,2,2-Tetrachloroethane and 1,4-Dichlorobenzene. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32125-1 through 460-32125-8 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/08/2011 and analyzed on 10/13/2011 and 10/19/2011.

Samples 460-32125-4(10X), 460-32125-5 and 460-32125-6(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Some analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 89646. Sample matrix is suspected as the cause of this failure. The capping CCV requirement is specific to the Delaware HSCA SOP. All other method-specific calibration verification requirements were met.

2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl, 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for 460-32125-4

Benzo[g,h,i]perylene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene failed the recovery criteria high for the MS of sample 460-32001-7 in batch 460-89646.

Benzo[g,h,i]perylene failed the recovery criteria high for the MSD of sample 460-32001-7 in batch 460-89343.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-32125-1 through 460-32125-8 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 10/11/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-32125-1	SO-17338-100511-MM-140	Solid	10/05/2011 1030	10/06/2011 1500
460-32125-2	SO-17338-100511-MM-141	Solid	10/05/2011 1100	10/06/2011 1500
460-32125-3	SO-17338-100511-MM-142	Solid	10/05/2011 1130	10/06/2011 1500
460-32125-4	SO-17338-100511-MM-143	Solid	10/05/2011 1215	10/06/2011 1500
460-32125-5	SO-17338-100511-MM-144	Solid	10/05/2011 1230	10/06/2011 1500
460-32125-6	SO-17338-100511-MM-145	Solid	10/05/2011 1250	10/06/2011 1500
460-32125-7	SO-17338-100511-MM-146	Solid	10/05/2011 1315	10/06/2011 1500
460-32125-8	FB-17338-100511-MM-147	Solid	10/05/2011 1400	10/06/2011 1500
460-32125-9	TB-17338-100511-MM-148	Solid	10/05/2011 1415	10/06/2011 1500

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-1	SO-17338-100511-MM-140					
Phenanthrene		190	J	400	ug/Kg	8270C
Fluoranthene		400		400	ug/Kg	8270C
Pyrene		330	J	400	ug/Kg	8270C
Butyl benzyl phthalate		120	J	400	ug/Kg	8270C
Benzo[a]anthracene		160		40	ug/Kg	8270C
Chrysene		200	J	400	ug/Kg	8270C
Benzo[b]fluoranthene		200		40	ug/Kg	8270C
Benzo[k]fluoranthene		100		40	ug/Kg	8270C
Benzo[a]pyrene		160		40	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		110		40	ug/Kg	8270C
Dibenz(a,h)anthracene		19	J	40	ug/Kg	8270C
Benzo[g,h,i]perylene		110	J	400	ug/Kg	8270C
Diesel Range Organics [C10-C28]		42		8.2	mg/Kg	8015B
Aluminum		1240		48.9	mg/Kg	6010B
Barium		10.2	J	48.9	mg/Kg	6010B
Calcium		568	J	1220	mg/Kg	6010B
Chromium		12.0		2.4	mg/Kg	6010B
Cobalt		1.8	J	12.2	mg/Kg	6010B
Copper		3.6	J	6.1	mg/Kg	6010B
Iron		7430		36.7	mg/Kg	6010B
Lead		18.7		1.2	mg/Kg	6010B
Magnesium		527	J	1220	mg/Kg	6010B
Manganese		85.2		3.7	mg/Kg	6010B
Nickel		3.6	J	9.8	mg/Kg	6010B
Potassium		151	J	1220	mg/Kg	6010B
Vanadium		11.3	J	12.2	mg/Kg	6010B
Zinc		21.9		7.3	mg/Kg	6010B
Percent Moisture		18.2		1.0	%	Moisture
Percent Solids		81.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-2	SO-17338-100511-MM-141					
Phenanthrene		92	J	410	ug/Kg	8270C
Fluoranthene		270	J	410	ug/Kg	8270C
Pyrene		240	J	410	ug/Kg	8270C
Butyl benzyl phthalate		180	J	410	ug/Kg	8270C
Benzo[a]anthracene		100		41	ug/Kg	8270C
Chrysene		140	J	410	ug/Kg	8270C
Benzo[b]fluoranthene		150		41	ug/Kg	8270C
Benzo[k]fluoranthene		49		41	ug/Kg	8270C
Benzo[a]pyrene		98		41	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		73		41	ug/Kg	8270C
Dibenz(a,h)anthracene		12	J	41	ug/Kg	8270C
Benzo[g,h,i]perylene		73	J	410	ug/Kg	8270C
Diesel Range Organics [C10-C28]		33		8.4	mg/Kg	8015B
Aluminum		1790		44.7	mg/Kg	6010B
Barium		19.9	J	44.7	mg/Kg	6010B
Calcium		535	J	1120	mg/Kg	6010B
Chromium		19.1		2.2	mg/Kg	6010B
Cobalt		2.7	J	11.2	mg/Kg	6010B
Copper		5.0	J	5.6	mg/Kg	6010B
Iron		7490		33.5	mg/Kg	6010B
Lead		13.8		1.1	mg/Kg	6010B
Magnesium		619	J	1120	mg/Kg	6010B
Manganese		64.6		3.4	mg/Kg	6010B
Nickel		7.2	J	8.9	mg/Kg	6010B
Potassium		308	J	1120	mg/Kg	6010B
Vanadium		17.2		11.2	mg/Kg	6010B
Zinc		34.0		6.7	mg/Kg	6010B
Percent Moisture		20.1		1.0	%	Moisture
Percent Solids		79.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-3	SO-17338-100511-MM-142					
Benzo[a]pyrene		210		40	ug/Kg	8270C
Diesel Range Organics [C10-C28]		41		8.2	mg/Kg	8015B
Aluminum		8970		45.4	mg/Kg	6010B
Arsenic		1.8		1.1	mg/Kg	6010B
Barium		66.5		45.4	mg/Kg	6010B
Beryllium		0.53		0.45	mg/Kg	6010B
Calcium		1210		1140	mg/Kg	6010B
Chromium		25.8		2.3	mg/Kg	6010B
Cobalt		8.0	J	11.4	mg/Kg	6010B
Copper		11.0		5.7	mg/Kg	6010B
Iron		12200		34.1	mg/Kg	6010B
Lead		8.1		1.1	mg/Kg	6010B
Magnesium		2890		1140	mg/Kg	6010B
Manganese		100		3.4	mg/Kg	6010B
Nickel		14.4		9.1	mg/Kg	6010B
Potassium		808	J	1140	mg/Kg	6010B
Vanadium		32.8		11.4	mg/Kg	6010B
Zinc		30.7		6.8	mg/Kg	6010B
Percent Moisture		18.5		1.0	%	Moisture
Percent Solids		81.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-4	SO-17338-100511-MM-143					
Toluene		100	J	380	ug/Kg	8260B
Naphthalene		1300	J	7700	ug/Kg	8270C
2-Methylnaphthalene		1500	J	7700	ug/Kg	8270C
Acenaphthene		8100		7700	ug/Kg	8270C
Dibenzofuran		3100	J	7700	ug/Kg	8270C
Fluorene		5200	J	7700	ug/Kg	8270C
Phenanthrene		73000		7700	ug/Kg	8270C
Anthracene		14000		7700	ug/Kg	8270C
Carbazole		11000		7700	ug/Kg	8270C
Fluoranthene		130000		7700	ug/Kg	8270C
Pyrene		81000		7700	ug/Kg	8270C
Butyl benzyl phthalate		9700		7700	ug/Kg	8270C
Benzo[a]anthracene		47000		770	ug/Kg	8270C
Chrysene		51000		7700	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		3200	J	7700	ug/Kg	8270C
Benzo[b]fluoranthene		50000		770	ug/Kg	8270C
Benzo[k]fluoranthene		26000		770	ug/Kg	8270C
Benzo[a]pyrene		39000		770	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		33000		770	ug/Kg	8270C
Dibenz(a,h)anthracene		4800		770	ug/Kg	8270C
Benzo[g,h,i]perylene		29000		7700	ug/Kg	8270C
Diesel Range Organics [C10-C28]		7400		1600	mg/Kg	8015B
Aluminum		10000		88.6	mg/Kg	6010B
Antimony		8.2		4.4	mg/Kg	6010B
Arsenic		4.6		2.2	mg/Kg	6010B
Barium		156		88.6	mg/Kg	6010B
Beryllium		0.50	J	0.89	mg/Kg	6010B
Cadmium		2.5		2.2	mg/Kg	6010B
Calcium		29100		2220	mg/Kg	6010B
Chromium		85.5		4.4	mg/Kg	6010B
Cobalt		9.0	J	22.2	mg/Kg	6010B
Copper		249		11.1	mg/Kg	6010B
Iron		23100		66.5	mg/Kg	6010B
Lead		396		2.2	mg/Kg	6010B
Magnesium		18000		2220	mg/Kg	6010B
Manganese		248		6.6	mg/Kg	6010B
Nickel		30.4		17.7	mg/Kg	6010B
Potassium		763	J	2220	mg/Kg	6010B
Sodium		210	J	2220	mg/Kg	6010B
Vanadium		38.4		22.2	mg/Kg	6010B
Zinc		1670		13.3	mg/Kg	6010B
Mercury		0.25		0.075	mg/Kg	7471A
Percent Moisture		57.4		1.0	%	Moisture
Percent Solids		42.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-5	SO-17338-100511-MM-144					
Toluene		62	J	230	ug/Kg	8260B
Naphthalene		1200	J	5100	ug/Kg	8270C
2-Methylnaphthalene		1100	J	5100	ug/Kg	8270C
Acenaphthene		5100		5100	ug/Kg	8270C
Dibenzofuran		2000	J	5100	ug/Kg	8270C
Fluorene		3000	J	5100	ug/Kg	8270C
Phenanthrene		37000		5100	ug/Kg	8270C
Anthracene		6500		5100	ug/Kg	8270C
Carbazole		5300		5100	ug/Kg	8270C
Fluoranthene		56000		5100	ug/Kg	8270C
Pyrene		46000		5100	ug/Kg	8270C
Butyl benzyl phthalate		3500	J	5100	ug/Kg	8270C
Benzo[a]anthracene		24000		510	ug/Kg	8270C
Chrysene		28000		5100	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		6900		5100	ug/Kg	8270C
Di-n-octyl phthalate		2700	J	5100	ug/Kg	8270C
Benzo[b]fluoranthene		29000		510	ug/Kg	8270C
Benzo[k]fluoranthene		14000		510	ug/Kg	8270C
Benzo[a]pyrene		21000		510	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		15000		510	ug/Kg	8270C
Dibenz(a,h)anthracene		2600		510	ug/Kg	8270C
Benzo[g,h,i]perylene		19000		5100	ug/Kg	8270C
Diesel Range Organics [C10-C28]		3600		1000	mg/Kg	8015B
Aluminum		7870		114	mg/Kg	6010B
Antimony		10.5		5.7	mg/Kg	6010B
Arsenic		6.7		2.8	mg/Kg	6010B
Barium		185		114	mg/Kg	6010B
Beryllium		0.84	J	1.1	mg/Kg	6010B
Cadmium		4.1		2.8	mg/Kg	6010B
Calcium		51200		2840	mg/Kg	6010B
Chromium		117		5.7	mg/Kg	6010B
Cobalt		12.8	J	28.4	mg/Kg	6010B
Copper		394		14.2	mg/Kg	6010B
Iron		36900		85.1	mg/Kg	6010B
Lead		526		2.8	mg/Kg	6010B
Magnesium		30500		2840	mg/Kg	6010B
Manganese		370		8.5	mg/Kg	6010B
Nickel		42.6		22.7	mg/Kg	6010B
Potassium		971	J	2840	mg/Kg	6010B
Sodium		363	J	2840	mg/Kg	6010B
Vanadium		54.0		28.4	mg/Kg	6010B
Zinc		2370		17.0	mg/Kg	6010B
Mercury		0.81		0.097	mg/Kg	7471A
Percent Moisture		67.7		1.0	%	Moisture
Percent Solids		32.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-6	SO-17338-100511-MM-145					
Naphthalene		850	J	2400	ug/Kg	8270C
2-Methylnaphthalene		590	J	2400	ug/Kg	8270C
Acenaphthene		2900		2400	ug/Kg	8270C
Dibenzofuran		1600	J	2400	ug/Kg	8270C
Fluorene		3200		2400	ug/Kg	8270C
Phenanthrene		34000		2400	ug/Kg	8270C
Anthracene		8000		2400	ug/Kg	8270C
Carbazole		5700		2400	ug/Kg	8270C
Fluoranthene		48000		2400	ug/Kg	8270C
Pyrene		31000		2400	ug/Kg	8270C
Butyl benzyl phthalate		1100	J	2400	ug/Kg	8270C
Benzo[a]anthracene		20000		240	ug/Kg	8270C
Chrysene		21000		2400	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		690	J	2400	ug/Kg	8270C
Benzo[b]fluoranthene		19000		240	ug/Kg	8270C
Benzo[k]fluoranthene		9800		240	ug/Kg	8270C
Benzo[a]pyrene		17000		240	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		15000		240	ug/Kg	8270C
Dibenz(a,h)anthracene		2600		240	ug/Kg	8270C
Benzo[g,h,i]perylene		14000		2400	ug/Kg	8270C
Diesel Range Organics [C10-C28]		690		96	mg/Kg	8015B
Aluminum		2370		53.9	mg/Kg	6010B
Antimony		1.5	J	2.7	mg/Kg	6010B
Arsenic		3.0		1.3	mg/Kg	6010B
Barium		37.5	J	53.9	mg/Kg	6010B
Beryllium		0.72		0.54	mg/Kg	6010B
Cadmium		0.43	J	1.3	mg/Kg	6010B
Calcium		11600		1350	mg/Kg	6010B
Chromium		19.9		2.7	mg/Kg	6010B
Cobalt		4.5	J	13.5	mg/Kg	6010B
Copper		71.5		6.7	mg/Kg	6010B
Iron		26300		40.5	mg/Kg	6010B
Lead		111		1.3	mg/Kg	6010B
Magnesium		6610		1350	mg/Kg	6010B
Manganese		239		4.0	mg/Kg	6010B
Nickel		13.1		10.8	mg/Kg	6010B
Potassium		266	J	1350	mg/Kg	6010B
Sodium		306	J	1350	mg/Kg	6010B
Vanadium		12.8	J	13.5	mg/Kg	6010B
Zinc		836		8.1	mg/Kg	6010B
Mercury		0.065		0.046	mg/Kg	7471A
Percent Moisture		30.0		1.0	%	Moisture
Percent Solids		70.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32125-7	SO-17338-100511-MM-146					
Phenanthrene		2100		420	ug/Kg	8270C
Anthracene		160	J	420	ug/Kg	8270C
Carbazole		280	J	420	ug/Kg	8270C
Fluoranthene		4900		420	ug/Kg	8270C
Pyrene		2800		420	ug/Kg	8270C
Benzo[a]anthracene		1300		42	ug/Kg	8270C
Chrysene		2000		420	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		98	J	420	ug/Kg	8270C
Benzo[b]fluoranthene		1700		42	ug/Kg	8270C
Benzo[k]fluoranthene		820		42	ug/Kg	8270C
Benzo[a]pyrene		1300		42	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1300		42	ug/Kg	8270C
Dibenz(a,h)anthracene		180		42	ug/Kg	8270C
Benzo[g,h,i]perylene		1100		420	ug/Kg	8270C
Diesel Range Organics [C10-C28]		310		84	mg/Kg	8015B
Aluminum		1590		48.5	mg/Kg	6010B
Arsenic		1.0	J	1.2	mg/Kg	6010B
Barium		15.8	J	48.5	mg/Kg	6010B
Calcium		27300		1210	mg/Kg	6010B
Chromium		6.9		2.4	mg/Kg	6010B
Cobalt		1.7	J	12.1	mg/Kg	6010B
Copper		17.3		6.1	mg/Kg	6010B
Iron		8250		36.4	mg/Kg	6010B
Lead		32.4		1.2	mg/Kg	6010B
Magnesium		15400		1210	mg/Kg	6010B
Manganese		114		3.6	mg/Kg	6010B
Nickel		4.4	J	9.7	mg/Kg	6010B
Potassium		273	J	1210	mg/Kg	6010B
Sodium		578	J	1210	mg/Kg	6010B
Vanadium		6.4	J	12.1	mg/Kg	6010B
Zinc		164		7.3	mg/Kg	6010B
Mercury		0.025	J	0.037	mg/Kg	7471A
Percent Moisture		20.7		1.0	%	Moisture
Percent Solids		79.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Sample ID	Client Sample ID			Reporting		
Analyte		Result	Qualifier	Limit	Units	Method
460-32125-8	FB-17338-100511-MM-147					
Di-n-butyl phthalate		370		330	ug/Kg	8270C
Diesel Range Organics [C10-C28]		25		6.7	mg/Kg	8015B
Aluminum		166		39.6	mg/Kg	6010B
Arsenic		0.74	J	0.99	mg/Kg	6010B
Calcium		60.3	J	990	mg/Kg	6010B
Chromium		2.3		2.0	mg/Kg	6010B
Iron		1510		29.7	mg/Kg	6010B
Lead		1.2		0.99	mg/Kg	6010B
Magnesium		33.2	J	990	mg/Kg	6010B
Manganese		1.3	J	3.0	mg/Kg	6010B
Vanadium		2.0	J	9.9	mg/Kg	6010B
Percent Solids		100		1.0	%	Moisture

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Gasoline Range Organics (GC)	TAL EDI	SW846 8015B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Diesel Range Organics (DRO) (GC)	TAL EDI	SW846 8015B	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method	Analyst	Analyst ID
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Shalayda, Monica	MS
SW846 8015B	Martinez, Eddie	EM
SW846 8015B	Boykin, Carol B	CBB
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Damarapu, Shanthi	SD
SW846 6010B	Dave, Virendra	VD
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Smith, Anthony G	AGS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04567.d
Dilution:	50			Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1042			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		120	U	34	120
Chloromethane		120	U	25	120
Vinyl chloride		120	U	14	120
Bromomethane		120	U	37	120
Chloroethane		120	U	53	120
Trichlorofluoromethane		120	U	19	120
1,1-Dichloroethene		120	U	17	120
1,1,2-Trichloro-1,2,2-trifluoroethane		120	U	34	120
Acetone		1200	U	290	1200
Carbon disulfide		120	U	17	120
Methyl acetate		240	U	39	240
Methylene Chloride		120	U	23	120
trans-1,2-Dichloroethene		120	U	16	120
Methyl tert-butyl ether		120	U	22	120
1,1-Dichloroethane		120	U	12	120
cis-1,2-Dichloroethene		120	U	23	120
2-Butanone (MEK)		1200	U	97	1200
Chloroform		120	U	18	120
1,1,1-Trichloroethane		120	U	29	120
Cyclohexane		120	U	15	120
Carbon tetrachloride		120	U	21	120
Benzene		120	U	14	120
1,2-Dichloroethane		120	U	29	120
Trichloroethene		120	U	21	120
Methylcyclohexane		120	U	9.5	120
1,2-Dichloropropane		120	U	10	120
Dichlorobromomethane		120	U	11	120
cis-1,3-Dichloropropene		120	U	12	120
4-Methyl-2-pentanone (MIBK)		1200	U	81	1200
Toluene		120	U	11	120
trans-1,3-Dichloropropene		120	U	14	120
1,1,2-Trichloroethane		120	U	12	120
Tetrachloroethene		120	U	23	120
2-Hexanone		1200	U	65	1200
Chlorodibromomethane		120	U	12	120
1,2-Dibromoethane		120	U	11	120
Chlorobenzene		120	U	20	120
Ethylbenzene		120	U	29	120
Xylenes, Total		350	U	51	350
Styrene		120	U	16	120
Bromoform		120	U	12	120
Isopropylbenzene		120	U	25	120
1,1,2,2-Tetrachloroethane		120	U	10	120
1,3-Dichlorobenzene		120	U	27	120
1,4-Dichlorobenzene		120	U	18	120
1,2-Dichlorobenzene		120	U	19	120

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04567.d
Dilution:	50			Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1042			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		120	U	18	120
1,2,4-Trichlorobenzene		120	U	52	120
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103		57 - 135	
4-Bromofluorobenzene		103		50 - 124	
Toluene-d8 (Surr)		100		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04567.d

Dilution: 50

Initial Weight/Volume: 12.93 g

Analysis Date: 10/13/2011 1042

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1802

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04568.d

Dilution: 50

Initial Weight/Volume: 14.01 g

Analysis Date: 10/13/2011 1107

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1803

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		110	U	32	110
Chloromethane		110	U	24	110
Vinyl chloride		110	U	13	110
Bromomethane		110	U	35	110
Chloroethane		110	U	50	110
Trichlorofluoromethane		110	U	18	110
1,1-Dichloroethene		110	U	16	110
1,1,2-Trichloro-1,2,2-trifluoroethane		110	U	32	110
Acetone		1100	U	280	1100
Carbon disulfide		110	U	16	110
Methyl acetate		220	U	37	220
Methylene Chloride		110	U	22	110
trans-1,2-Dichloroethene		110	U	15	110
Methyl tert-butyl ether		110	U	21	110
1,1-Dichloroethane		110	U	11	110
cis-1,2-Dichloroethene		110	U	22	110
2-Butanone (MEK)		1100	U	92	1100
Chloroform		110	U	17	110
1,1,1-Trichloroethane		110	U	28	110
Cyclohexane		110	U	14	110
Carbon tetrachloride		110	U	20	110
Benzene		110	U	13	110
1,2-Dichloroethane		110	U	28	110
Trichloroethene		110	U	20	110
Methylcyclohexane		110	U	9.0	110
1,2-Dichloropropane		110	U	9.8	110
Dichlorobromomethane		110	U	10	110
cis-1,3-Dichloropropene		110	U	11	110
4-Methyl-2-pentanone (MIBK)		1100	U	76	1100
Toluene		110	U	11	110
trans-1,3-Dichloropropene		110	U	14	110
1,1,2-Trichloroethane		110	U	11	110
Tetrachloroethene		110	U	22	110
2-Hexanone		1100	U	61	1100
Chlorodibromomethane		110	U	11	110
1,2-Dibromoethane		110	U	10	110
Chlorobenzene		110	U	18	110
Ethylbenzene		110	U	28	110
Xylenes, Total		340	U	49	340
Styrene		110	U	16	110
Bromoform		110	U	11	110
Isopropylbenzene		110	U	24	110
1,1,2,2-Tetrachloroethane		110	U	9.6	110
1,3-Dichlorobenzene		110	U	25	110
1,4-Dichlorobenzene		110	U	17	110
1,2-Dichlorobenzene		110	U	18	110

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04568.d
Dilution:	50			Initial Weight/Volume:	14.01 g
Analysis Date:	10/13/2011 1107			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1803				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		110	U	17	110
1,2,4-Trichlorobenzene		110	U	49	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		57 - 135
4-Bromofluorobenzene	98		50 - 124
Toluene-d8 (Surr)	96		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04568.d

Dilution: 50

Initial Weight/Volume: 14.01 g

Analysis Date: 10/13/2011 1107

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1803

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04569.d
Dilution:	50			Initial Weight/Volume:	20.2 g
Analysis Date:	10/13/2011 1132			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1804				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		76	U	22	76
Chloromethane		76	U	16	76
Vinyl chloride		76	U	9.1	76
Bromomethane		76	U	24	76
Chloroethane		76	U	34	76
Trichlorofluoromethane		76	U	12	76
1,1-Dichloroethene		76	U	11	76
1,1,2-Trichloro-1,2,2-trifluoroethane		76	U	22	76
Acetone		760	U	190	760
Carbon disulfide		76	U	11	76
Methyl acetate		150	U	25	150
Methylene Chloride		76	U	15	76
trans-1,2-Dichloroethene		76	U	10	76
Methyl tert-butyl ether		76	U	14	76
1,1-Dichloroethane		76	U	7.6	76
cis-1,2-Dichloroethene		76	U	15	76
2-Butanone (MEK)		760	U	62	760
Chloroform		76	U	12	76
1,1,1-Trichloroethane		76	U	19	76
Cyclohexane		76	U	9.4	76
Carbon tetrachloride		76	U	14	76
Benzene		76	U	9.0	76
1,2-Dichloroethane		76	U	19	76
Trichloroethene		76	U	13	76
Methylcyclohexane		76	U	6.1	76
1,2-Dichloropropane		76	U	6.6	76
Dichlorobromomethane		76	U	6.8	76
cis-1,3-Dichloropropene		76	U	7.8	76
4-Methyl-2-pentanone (MIBK)		760	U	52	760
Toluene		76	U	7.2	76
trans-1,3-Dichloropropene		76	U	9.3	76
1,1,2-Trichloroethane		76	U	7.4	76
Tetrachloroethene		76	U	15	76
2-Hexanone		760	U	41	760
Chlorodibromomethane		76	U	7.6	76
1,2-Dibromoethane		76	U	6.9	76
Chlorobenzene		76	U	13	76
Ethylbenzene		76	U	19	76
Xylenes, Total		230	U	33	230
Styrene		76	U	11	76
Bromoform		76	U	7.5	76
Isopropylbenzene		76	U	16	76
1,1,2,2-Tetrachloroethane		76	U	6.5	76
1,3-Dichlorobenzene		76	U	17	76
1,4-Dichlorobenzene		76	U	11	76
1,2-Dichlorobenzene		76	U	12	76

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04569.d
Dilution:	50			Initial Weight/Volume:	20.2 g
Analysis Date:	10/13/2011 1132			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1804				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		76	U	12	76
1,2,4-Trichlorobenzene		76	U	33	76

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		57 - 135
4-Bromofluorobenzene	97		50 - 124
Toluene-d8 (Surr)	97		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04569.d

Dilution: 50

Initial Weight/Volume: 20.2 g

Analysis Date: 10/13/2011 1132

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1804

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04570.d

Dilution: 50

Initial Weight/Volume: 7.69 g

Analysis Date: 10/13/2011 1157

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1805

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		380	U	110	380
Chloromethane		380	U	80	380
Vinyl chloride		380	U	46	380
Bromomethane		380	U	120	380
Chloroethane		380	U	170	380
Trichlorofluoromethane		380	U	60	380
1,1-Dichloroethene		380	U	54	380
1,1,2-Trichloro-1,2,2-trifluoroethane		380	U	110	380
Acetone		3800	U	950	3800
Carbon disulfide		380	U	56	380
Methyl acetate		760	U	130	760
Methylene Chloride		380	U	74	380
trans-1,2-Dichloroethene		380	U	53	380
Methyl tert-butyl ether		380	U	71	380
1,1-Dichloroethane		380	U	38	380
cis-1,2-Dichloroethene		380	U	74	380
2-Butanone (MEK)		3800	U	310	3800
Chloroform		380	U	59	380
1,1,1-Trichloroethane		380	U	94	380
Cyclohexane		380	U	47	380
Carbon tetrachloride		380	U	69	380
Benzene		380	U	45	380
1,2-Dichloroethane		380	U	94	380
Trichloroethene		380	U	68	380
Methylcyclohexane		380	U	31	380
1,2-Dichloropropane		380	U	33	380
Dichlorobromomethane		380	U	34	380
cis-1,3-Dichloropropene		380	U	39	380
4-Methyl-2-pentanone (MIBK)		3800	U	260	3800
Toluene		100	J	36	380
trans-1,3-Dichloropropene		380	U	47	380
1,1,2-Trichloroethane		380	U	37	380
Tetrachloroethene		380	U	75	380
2-Hexanone		3800	U	210	3800
Chlorodibromomethane		380	U	38	380
1,2-Dibromoethane		380	U	35	380
Chlorobenzene		380	U	63	380
Ethylbenzene		380	U	94	380
Xylenes, Total		1100	U	170	1100
Styrene		380	U	53	380
Bromoform		380	U	38	380
Isopropylbenzene		380	U	81	380
1,1,2,2-Tetrachloroethane		380	U	33	380
1,3-Dichlorobenzene		380	U	86	380
1,4-Dichlorobenzene		380	U	58	380
1,2-Dichlorobenzene		380	U	62	380

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04570.d
Dilution:	50			Initial Weight/Volume:	7.69 g
Analysis Date:	10/13/2011 1157			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1805				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		380	U	59	380
1,2,4-Trichlorobenzene		380	U	170	380
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		96		57 - 135	
4-Bromofluorobenzene		97		50 - 124	
Toluene-d8 (Surr)		97		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04570.d

Dilution: 50

Initial Weight/Volume: 7.69 g

Analysis Date: 10/13/2011 1157

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1805

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04571.d

Dilution: 50

Initial Weight/Volume: 16.99 g

Analysis Date: 10/13/2011 1222

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1806

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		230	U	65	230
Chloromethane		230	U	48	230
Vinyl chloride		230	U	27	230
Bromomethane		230	U	71	230
Chloroethane		230	U	100	230
Trichlorofluoromethane		230	U	36	230
1,1-Dichloroethene		230	U	32	230
1,1,2-Trichloro-1,2,2-trifluoroethane		230	U	65	230
Acetone		2300	U	570	2300
Carbon disulfide		230	U	33	230
Methyl acetate		460	U	75	460
Methylene Chloride		230	U	44	230
trans-1,2-Dichloroethene		230	U	31	230
Methyl tert-butyl ether		230	U	42	230
1,1-Dichloroethane		230	U	23	230
cis-1,2-Dichloroethene		230	U	44	230
2-Butanone (MEK)		2300	U	190	2300
Chloroform		230	U	35	230
1,1,1-Trichloroethane		230	U	56	230
Cyclohexane		230	U	28	230
Carbon tetrachloride		230	U	41	230
Benzene		230	U	27	230
1,2-Dichloroethane		230	U	56	230
Trichloroethene		230	U	40	230
Methylcyclohexane		230	U	18	230
1,2-Dichloropropane		230	U	20	230
Dichlorobromomethane		230	U	20	230
cis-1,3-Dichloropropene		230	U	23	230
4-Methyl-2-pentanone (MIBK)		2300	U	160	2300
Toluene		62	J	22	230
trans-1,3-Dichloropropene		230	U	28	230
1,1,2-Trichloroethane		230	U	22	230
Tetrachloroethene		230	U	45	230
2-Hexanone		2300	U	120	2300
Chlorodibromomethane		230	U	23	230
1,2-Dibromoethane		230	U	21	230
Chlorobenzene		230	U	38	230
Ethylbenzene		230	U	56	230
Xylenes, Total		680	U	99	680
Styrene		230	U	32	230
Bromoform		230	U	23	230
Isopropylbenzene		230	U	48	230
1,1,2,2-Tetrachloroethane		230	U	20	230
1,3-Dichlorobenzene		230	U	51	230
1,4-Dichlorobenzene		230	U	34	230
1,2-Dichlorobenzene		230	U	37	230

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04571.d
Dilution:	50			Initial Weight/Volume:	16.99 g
Analysis Date:	10/13/2011 1222			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1806				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		230	U	35	230
1,2,4-Trichlorobenzene		230	U	99	230
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		74		57 - 135	
4-Bromofluorobenzene		71		50 - 124	
Toluene-d8 (Surr)		70		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04571.d

Dilution: 50

Initial Weight/Volume: 16.99 g

Analysis Date: 10/13/2011 1222

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1806

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04572.d

Dilution: 50

Initial Weight/Volume: 15.48 g

Analysis Date: 10/13/2011 1247

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1807

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		120	U	33	120
Chloromethane		120	U	24	120
Vinyl chloride		120	U	14	120
Bromomethane		120	U	36	120
Chloroethane		120	U	51	120
Trichlorofluoromethane		120	U	18	120
1,1-Dichloroethene		120	U	16	120
1,1,2-Trichloro-1,2,2-trifluoroethane		120	U	33	120
Acetone		1200	U	290	1200
Carbon disulfide		120	U	17	120
Methyl acetate		230	U	38	230
Methylene Chloride		120	U	22	120
trans-1,2-Dichloroethene		120	U	16	120
Methyl tert-butyl ether		120	U	21	120
1,1-Dichloroethane		120	U	12	120
cis-1,2-Dichloroethene		120	U	22	120
2-Butanone (MEK)		1200	U	95	1200
Chloroform		120	U	18	120
1,1,1-Trichloroethane		120	U	29	120
Cyclohexane		120	U	14	120
Carbon tetrachloride		120	U	21	120
Benzene		120	U	14	120
1,2-Dichloroethane		120	U	28	120
Trichloroethene		120	U	20	120
Methylcyclohexane		120	U	9.2	120
1,2-Dichloropropane		120	U	10	120
Dichlorobromomethane		120	U	10	120
cis-1,3-Dichloropropene		120	U	12	120
4-Methyl-2-pentanone (MIBK)		1200	U	79	1200
Toluene		120	U	11	120
trans-1,3-Dichloropropene		120	U	14	120
1,1,2-Trichloroethane		120	U	11	120
Tetrachloroethene		120	U	23	120
2-Hexanone		1200	U	63	1200
Chlorodibromomethane		120	U	12	120
1,2-Dibromoethane		120	U	11	120
Chlorobenzene		120	U	19	120
Ethylbenzene		120	U	28	120
Xylenes, Total		350	U	50	350
Styrene		120	U	16	120
Bromoform		120	U	11	120
Isopropylbenzene		120	U	24	120
1,1,2,2-Tetrachloroethane		120	U	10	120
1,3-Dichlorobenzene		120	U	26	120
1,4-Dichlorobenzene		120	U	17	120
1,2-Dichlorobenzene		120	U	19	120

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04572.d
Dilution:	50			Initial Weight/Volume:	15.48 g
Analysis Date:	10/13/2011 1247			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1807				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		120	U	18	120
1,2,4-Trichlorobenzene		120	U	50	120
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		104		57 - 135	
4-Bromofluorobenzene		101		50 - 124	
Toluene-d8 (Surr)		102		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04572.d

Dilution: 50

Initial Weight/Volume: 15.48 g

Analysis Date: 10/13/2011 1247

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1807

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04573.d

Dilution: 50

Initial Weight/Volume: 14.76 g

Analysis Date: 10/13/2011 1312

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1808

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		110	U	30	110
Chloromethane		110	U	22	110
Vinyl chloride		110	U	13	110
Bromomethane		110	U	34	110
Chloroethane		110	U	48	110
Trichlorofluoromethane		110	U	17	110
1,1-Dichloroethene		110	U	15	110
1,1,2-Trichloro-1,2,2-trifluoroethane		110	U	31	110
Acetone		1100	U	270	1100
Carbon disulfide		110	U	16	110
Methyl acetate		210	U	35	210
Methylene Chloride		110	U	21	110
trans-1,2-Dichloroethene		110	U	15	110
Methyl tert-butyl ether		110	U	20	110
1,1-Dichloroethane		110	U	11	110
cis-1,2-Dichloroethene		110	U	21	110
2-Butanone (MEK)		1100	U	88	1100
Chloroform		110	U	17	110
1,1,1-Trichloroethane		110	U	26	110
Cyclohexane		110	U	13	110
Carbon tetrachloride		110	U	19	110
Benzene		110	U	13	110
1,2-Dichloroethane		110	U	26	110
Trichloroethene		110	U	19	110
Methylcyclohexane		110	U	8.6	110
1,2-Dichloropropane		110	U	9.3	110
Dichlorobromomethane		110	U	9.6	110
cis-1,3-Dichloropropene		110	U	11	110
4-Methyl-2-pentanone (MIBK)		1100	U	73	1100
Toluene		110	U	10	110
trans-1,3-Dichloropropene		110	U	13	110
1,1,2-Trichloroethane		110	U	10	110
Tetrachloroethene		110	U	21	110
2-Hexanone		1100	U	58	1100
Chlorodibromomethane		110	U	11	110
1,2-Dibromoethane		110	U	9.8	110
Chlorobenzene		110	U	18	110
Ethylbenzene		110	U	26	110
Xylenes, Total		320	U	46	320
Styrene		110	U	15	110
Bromoform		110	U	11	110
Isopropylbenzene		110	U	23	110
1,1,2,2-Tetrachloroethane		110	U	9.2	110
1,3-Dichlorobenzene		110	U	24	110
1,4-Dichlorobenzene		110	U	16	110
1,2-Dichlorobenzene		110	U	17	110

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04573.d
Dilution:	50			Initial Weight/Volume:	14.76 g
Analysis Date:	10/13/2011 1312			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1808				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		110	U	16	110
1,2,4-Trichlorobenzene		110	U	47	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		57 - 135
4-Bromofluorobenzene	101		50 - 124
Toluene-d8 (Surr)	98		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04573.d

Dilution: 50

Initial Weight/Volume: 14.76 g

Analysis Date: 10/13/2011 1312

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1808

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04560.d

Dilution: 50

Initial Weight/Volume: 12.03 g

Analysis Date: 10/13/2011 0747

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1809

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		100	U	30	100
Chloromethane		100	U	22	100
Vinyl chloride		100	U	12	100
Bromomethane		100	U	33	100
Chloroethane		100	U	46	100
Trichlorofluoromethane		100	U	16	100
1,1-Dichloroethene		100	U	15	100
1,1,2-Trichloro-1,2,2-trifluoroethane		100	U	30	100
Acetone		1000	U	260	1000
Carbon disulfide		100	U	15	100
Methyl acetate		210	U	34	210
Methylene Chloride		100	U	20	100
trans-1,2-Dichloroethene		100	U	14	100
Methyl tert-butyl ether		100	U	19	100
1,1-Dichloroethane		100	U	10	100
cis-1,2-Dichloroethene		100	U	20	100
2-Butanone (MEK)		1000	U	85	1000
Chloroform		100	U	16	100
1,1,1-Trichloroethane		100	U	26	100
Cyclohexane		100	U	13	100
Carbon tetrachloride		100	U	19	100
Benzene		100	U	12	100
1,2-Dichloroethane		100	U	26	100
Trichloroethene		100	U	18	100
Methylcyclohexane		100	U	8.3	100
1,2-Dichloropropane		100	U	9.1	100
Dichlorobromomethane		100	U	9.3	100
cis-1,3-Dichloropropene		100	U	11	100
4-Methyl-2-pentanone (MIBK)		1000	U	71	1000
Toluene		100	U	9.8	100
trans-1,3-Dichloropropene		100	U	13	100
1,1,2-Trichloroethane		100	U	10	100
Tetrachloroethene		100	U	20	100
2-Hexanone		1000	U	57	1000
Chlorodibromomethane		100	U	10	100
1,2-Dibromoethane		100	U	9.5	100
Chlorobenzene		100	U	17	100
Ethylbenzene		100	U	26	100
Xylenes, Total		310	U	45	310
Styrene		100	U	14	100
Bromoform		100	U	10	100
Isopropylbenzene		100	U	22	100
1,1,2,2-Tetrachloroethane		100	U	9.0	100
1,3-Dichlorobenzene		100	U	23	100
1,4-Dichlorobenzene		100	U	16	100
1,2-Dichlorobenzene		100	U	17	100

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04560.d
Dilution:	50			Initial Weight/Volume:	12.03 g
Analysis Date:	10/13/2011 0747			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1809				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		100	U	16	100
1,2,4-Trichlorobenzene		100	U	45	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		57 - 135
4-Bromofluorobenzene	109		50 - 124
Toluene-d8 (Surr)	110		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04560.d

Dilution: 50

Initial Weight/Volume: 12.03 g

Analysis Date: 10/13/2011 0747

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1809

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: TB-17338-100511-MM-148

Lab Sample ID: 460-32125-9

Date Sampled: 10/05/2011 1415

Client Matrix: Solid

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04559.d
Dilution:	50			Initial Weight/Volume:	10 g
Analysis Date:	10/13/2011 0722			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1809				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		130	U	35	130
Chloromethane		130	U	26	130
Vinyl chloride		130	U	15	130
Bromomethane		130	U	39	130
Chloroethane		130	U	56	130
Trichlorofluoromethane		130	U	20	130
1,1-Dichloroethene		130	U	18	130
1,1,2-Trichloro-1,2,2-trifluoroethane		130	U	36	130
Acetone		1300	U	310	1300
Carbon disulfide		130	U	18	130
Methyl acetate		250	U	41	250
Methylene Chloride		130	U	24	130
trans-1,2-Dichloroethene		130	U	17	130
Methyl tert-butyl ether		130	U	23	130
1,1-Dichloroethane		130	U	12	130
cis-1,2-Dichloroethene		130	U	24	130
2-Butanone (MEK)		1300	U	100	1300
Chloroform		130	U	19	130
1,1,1-Trichloroethane		130	U	31	130
Cyclohexane		130	U	15	130
Carbon tetrachloride		130	U	23	130
Benzene		130	U	15	130
1,2-Dichloroethane		130	U	31	130
Trichloroethene		130	U	22	130
Methylcyclohexane		130	U	10	130
1,2-Dichloropropane		130	U	11	130
Dichlorobromomethane		130	U	11	130
cis-1,3-Dichloropropene		130	U	13	130
4-Methyl-2-pentanone (MIBK)		1300	U	85	1300
Toluene		130	U	12	130
trans-1,3-Dichloropropene		130	U	15	130
1,1,2-Trichloroethane		130	U	12	130
Tetrachloroethene		130	U	24	130
2-Hexanone		1300	U	68	1300
Chlorodibromomethane		130	U	13	130
1,2-Dibromoethane		130	U	11	130
Chlorobenzene		130	U	21	130
Ethylbenzene		130	U	31	130
Xylenes, Total		380	U	54	380
Styrene		130	U	17	130
Bromoform		130	U	12	130
Isopropylbenzene		130	U	26	130
1,1,2,2-Tetrachloroethane		130	U	11	130
1,3-Dichlorobenzene		130	U	28	130
1,4-Dichlorobenzene		130	U	19	130
1,2-Dichlorobenzene		130	U	20	130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: TB-17338-100511-MM-148

Lab Sample ID: 460-32125-9

Date Sampled: 10/05/2011 1415

Client Matrix: Solid

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04559.d
Dilution:	50			Initial Weight/Volume:	10 g
Analysis Date:	10/13/2011 0722			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1809				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		130	U	19	130
1,2,4-Trichlorobenzene		130	U	55	130
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		110		57 - 135	
4-Bromofluorobenzene		110		50 - 124	
Toluene-d8 (Surr)		108		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: TB-17338-100511-MM-148

Lab Sample ID: 460-32125-9

Date Sampled: 10/05/2011 1415

Client Matrix: Solid

Date Received: 10/06/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04559.d

Dilution: 50

Initial Weight/Volume: 10 g

Analysis Date: 10/13/2011 0722

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1809

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10775.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1601

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		400	U	25	400
Phenol		400	U	50	400
Bis(2-chloroethyl)ether		40	U	8.4	40
2-Chlorophenol		400	U	54	400
2-Methylphenol		400	U	58	400
2,2'-oxybis[1-chloropropane]		400	U	53	400
Acetophenone		400	U	60	400
4-Methylphenol		400	U	66	400
N-Nitrosodi-n-propylamine		40	U	5.3	40
Hexachloroethane		40	U	6.8	40
Nitrobenzene		40	U	9.0	40
Isophorone		400	U	46	400
2-Nitrophenol		400	U	67	400
2,4-Dimethylphenol		400	U	65	400
Bis(2-chloroethoxy)methane		400	U	58	400
2,4-Dichlorophenol		400	U	65	400
Naphthalene		400	U	59	400
4-Chloroaniline		400	U	51	400
Hexachlorobutadiene		82	U	16	82
Caprolactam		400	U	56	400
4-Chloro-3-methylphenol		400	U	68	400
2-Methylnaphthalene		400	U	59	400
Hexachlorocyclopentadiene		400	U	120	400
2,4,6-Trichlorophenol		400	U	72	400
2,4,5-Trichlorophenol		400	U	78	400
1,1'-Biphenyl		400	U	67	400
2-Chloronaphthalene		400	U	57	400
2-Nitroaniline		820	U	110	820
Dimethyl phthalate		400	U	55	400
2,6-Dinitrotoluene		82	U	10	82
Acenaphthylene		400	U	58	400
3-Nitroaniline		820	U	91	820
Acenaphthene		400	U	58	400
2,4-Dinitrophenol		1200	U	86	1200
4-Nitrophenol		1200	U	100	1200
Dibenzofuran		400	U	61	400
2,4-Dinitrotoluene		82	U	12	82
Diethyl phthalate		400	U	54	400
Fluorene		400	U	68	400
4-Chlorophenyl phenyl ether		400	U	70	400
4-Nitroaniline		820	U	83	820
4,6-Dinitro-2-methylphenol		1200	U	190	1200
N-Nitrosodiphenylamine		400	U	66	400
4-Bromophenyl phenyl ether		400	U	72	400
Hexachlorobenzene		40	U	5.6	40
Atrazine		400	U	75	400

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10775.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1601			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	200	1200
Phenanthrene		190	J	71	400
Anthracene		400	U	71	400
Carbazole		400	U	64	400
Di-n-butyl phthalate		400	U	62	400
Fluoranthene		400		67	400
Pyrene		330	J	70	400
Butyl benzyl phthalate		120	J	47	400
3,3'-Dichlorobenzidine		820	U	89	820
Benzo[a]anthracene		160		7.5	40
Chrysene		200	J	59	400
Bis(2-ethylhexyl) phthalate		400	U	54	400
Di-n-octyl phthalate		400	U	48	400
Benzo[b]fluoranthene		200		6.0	40
Benzo[k]fluoranthene		100		5.7	40
Benzo[a]pyrene		160		5.0	40
Indeno[1,2,3-cd]pyrene		110		6.5	40
Dibenz(a,h)anthracene		19	J	4.9	40
Benzo[g,h,i]perylene		110	J	43	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77		10 - 120
2-Fluorobiphenyl	76		40 - 109
2-Fluorophenol (Surr)	70		37 - 125
Nitrobenzene-d5 (Surr)	79		38 - 105
Phenol-d5 (Surr)	69		41 - 118
Terphenyl-d14 (Surr)	87		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10775.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1601

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10774.d

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Analysis Date: 10/13/2011 1536

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		410	U	26	410
Phenol		410	U	51	410
Bis(2-chloroethyl)ether		41	U	8.6	41
2-Chlorophenol		410	U	55	410
2-Methylphenol		410	U	59	410
2,2'-oxybis[1-chloropropane]		410	U	54	410
Acetophenone		410	U	61	410
4-Methylphenol		410	U	68	410
N-Nitrosodi-n-propylamine		41	U	5.5	41
Hexachloroethane		41	U	7.0	41
Nitrobenzene		41	U	9.2	41
Isophorone		410	U	47	410
2-Nitrophenol		410	U	68	410
2,4-Dimethylphenol		410	U	66	410
Bis(2-chloroethoxy)methane		410	U	59	410
2,4-Dichlorophenol		410	U	66	410
Naphthalene		410	U	60	410
4-Chloroaniline		410	U	52	410
Hexachlorobutadiene		84	U	17	84
Caprolactam		410	U	57	410
4-Chloro-3-methylphenol		410	U	69	410
2-Methylnaphthalene		410	U	60	410
Hexachlorocyclopentadiene		410	U	120	410
2,4,6-Trichlorophenol		410	U	74	410
2,4,5-Trichlorophenol		410	U	80	410
1,1'-Biphenyl		410	U	68	410
2-Chloronaphthalene		410	U	58	410
2-Nitroaniline		840	U	110	840
Dimethyl phthalate		410	U	56	410
2,6-Dinitrotoluene		84	U	11	84
Acenaphthylene		410	U	59	410
3-Nitroaniline		840	U	93	840
Acenaphthene		410	U	59	410
2,4-Dinitrophenol		1200	U	88	1200
4-Nitrophenol		1200	U	110	1200
Dibenzofuran		410	U	62	410
2,4-Dinitrotoluene		84	U	12	84
Diethyl phthalate		410	U	55	410
Fluorene		410	U	70	410
4-Chlorophenyl phenyl ether		410	U	71	410
4-Nitroaniline		840	U	85	840
4,6-Dinitro-2-methylphenol		1200	U	200	1200
N-Nitrosodiphenylamine		410	U	67	410
4-Bromophenyl phenyl ether		410	U	74	410
Hexachlorobenzene		41	U	5.7	41
Atrazine		410	U	77	410

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10774.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	10/13/2011 1536			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	200	1200
Phenanthrene		92	J	72	410
Anthracene		410	U	73	410
Carbazole		410	U	66	410
Di-n-butyl phthalate		410	U	63	410
Fluoranthene		270	J	69	410
Pyrene		240	J	71	410
Butyl benzyl phthalate		180	J	48	410
3,3'-Dichlorobenzidine		840	U	91	840
Benzo[a]anthracene		100		7.6	41
Chrysene		140	J	60	410
Bis(2-ethylhexyl) phthalate		410	U	55	410
Di-n-octyl phthalate		410	U	49	410
Benzo[b]fluoranthene		150		6.1	41
Benzo[k]fluoranthene		49		5.8	41
Benzo[a]pyrene		98		5.1	41
Indeno[1,2,3-cd]pyrene		73		6.6	41
Dibenz(a,h)anthracene		12	J	5.0	41
Benzo[g,h,i]perylene		73	J	44	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		10 - 120
2-Fluorobiphenyl	77		40 - 109
2-Fluorophenol (Surr)	72		37 - 125
Nitrobenzene-d5 (Surr)	76		38 - 105
Phenol-d5 (Surr)	72		41 - 118
Terphenyl-d14 (Surr)	92		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10774.d

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Analysis Date: 10/13/2011 1536

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10768.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1306

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		400	U	25	400
Phenol		400	U	50	400
Bis(2-chloroethyl)ether		40	U	8.5	40
2-Chlorophenol		400	U	54	400
2-Methylphenol		400	U	58	400
2,2'-oxybis[1-chloropropane]		400	U	53	400
Acetophenone		400	U	60	400
4-Methylphenol		400	U	66	400
N-Nitrosodi-n-propylamine		40	U	5.4	40
Hexachloroethane		40	U	6.8	40
Nitrobenzene		40	U	9.1	40
Isophorone		400	U	47	400
2-Nitrophenol		400	U	67	400
2,4-Dimethylphenol		400	U	65	400
Bis(2-chloroethoxy)methane		400	U	58	400
2,4-Dichlorophenol		400	U	65	400
Naphthalene		400	U	59	400
4-Chloroaniline		400	U	51	400
Hexachlorobutadiene		82	U	16	82
Caprolactam		400	U	56	400
4-Chloro-3-methylphenol		400	U	68	400
2-Methylnaphthalene		400	U	59	400
Hexachlorocyclopentadiene		400	U	120	400
2,4,6-Trichlorophenol		400	U	73	400
2,4,5-Trichlorophenol		400	U	78	400
1,1'-Biphenyl		400	U	67	400
2-Chloronaphthalene		400	U	57	400
2-Nitroaniline		820	U	110	820
Dimethyl phthalate		400	U	55	400
2,6-Dinitrotoluene		82	U	10	82
Acenaphthylene		400	U	58	400
3-Nitroaniline		820	U	92	820
Acenaphthene		400	U	58	400
2,4-Dinitrophenol		1200	U	86	1200
4-Nitrophenol		1200	U	100	1200
Dibenzofuran		400	U	61	400
2,4-Dinitrotoluene		82	U	12	82
Diethyl phthalate		400	U	54	400
Fluorene		400	U	69	400
4-Chlorophenyl phenyl ether		400	U	70	400
4-Nitroaniline		820	U	84	820
4,6-Dinitro-2-methylphenol		1200	U	190	1200
N-Nitrosodiphenylamine		400	U	66	400
4-Bromophenyl phenyl ether		400	U	72	400
Hexachlorobenzene		40	U	5.6	40
Atrazine		400	U	76	400

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10768.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1306			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	200	1200
Phenanthrene		400	U	71	400
Anthracene		400	U	72	400
Carbazole		400	U	65	400
Di-n-butyl phthalate		400	U	62	400
Fluoranthene		400	U	67	400
Pyrene		400	U	70	400
Butyl benzyl phthalate		400	U	47	400
3,3'-Dichlorobenzidine		820	U	90	820
Benzo[a]anthracene		40	U	7.5	40
Chrysene		400	U	59	400
Bis(2-ethylhexyl) phthalate		400	U	54	400
Di-n-octyl phthalate		400	U	48	400
Benzo[b]fluoranthene		40	U	6.0	40
Benzo[k]fluoranthene		40	U	5.7	40
Benzo[a]pyrene		210		5.0	40
Indeno[1,2,3-cd]pyrene		40	U	6.5	40
Dibenz(a,h)anthracene		40	U	4.9	40
Benzo[g,h,i]perylene		400	U	43	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	75		10 - 120
2-Fluorobiphenyl	78		40 - 109
2-Fluorophenol (Surr)	71		37 - 125
Nitrobenzene-d5 (Surr)	79		38 - 105
Phenol-d5 (Surr)	69		41 - 118
Terphenyl-d14 (Surr)	81		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10768.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1306

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	12.02	510	J
	Unknown	12.10	420	J
	Unknown Alkane-2	12.90	730	J
112-92-5	1-Octadecanol	13.00	410	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10777.d

Dilution: 10

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1651

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		7700	U	490	7700
Phenol		7700	U	950	7700
Bis(2-chloroethyl)ether		770	U	160	770
2-Chlorophenol		7700	U	1000	7700
2-Methylphenol		7700	U	1100	7700
2,2'-oxybis[1-chloropropane]		7700	U	1000	7700
Acetophenone		7700	U	1200	7700
4-Methylphenol		7700	U	1300	7700
N-Nitrosodi-n-propylamine		770	U	100	770
Hexachloroethane		770	U	130	770
Nitrobenzene		770	U	170	770
Isophorone		7700	U	890	7700
2-Nitrophenol		7700	U	1300	7700
2,4-Dimethylphenol		7700	U	1200	7700
Bis(2-chloroethoxy)methane		7700	U	1100	7700
2,4-Dichlorophenol		7700	U	1200	7700
Naphthalene		1300	J	1100	7700
4-Chloroaniline		7700	U	980	7700
Hexachlorobutadiene		1600	U	310	1600
Caprolactam		7700	U	1100	7700
4-Chloro-3-methylphenol		7700	U	1300	7700
2-Methylnaphthalene		1500	J	1100	7700
Hexachlorocyclopentadiene		7700	U	2300	7700
2,4,6-Trichlorophenol		7700	U	1400	7700
2,4,5-Trichlorophenol		7700	U	1500	7700
1,1'-Biphenyl		7700	U	1300	7700
2-Chloronaphthalene		7700	U	1100	7700
2-Nitroaniline		16000	U	2100	16000
Dimethyl phthalate		7700	U	1000	7700
2,6-Dinitrotoluene		1600	U	200	1600
Acenaphthylene		7700	U	1100	7700
3-Nitroaniline		16000	U	1800	16000
Acenaphthene		8100		1100	7700
2,4-Dinitrophenol		23000	U	1600	23000
4-Nitrophenol		23000	U	2000	23000
Dibenzofuran		3100	J	1200	7700
2,4-Dinitrotoluene		1600	U	230	1600
Diethyl phthalate		7700	U	1000	7700
Fluorene		5200	J	1300	7700
4-Chlorophenyl phenyl ether		7700	U	1300	7700
4-Nitroaniline		16000	U	1600	16000
4,6-Dinitro-2-methylphenol		23000	U	3700	23000
N-Nitrosodiphenylamine		7700	U	1300	7700
4-Bromophenyl phenyl ether		7700	U	1400	7700
Hexachlorobenzene		770	U	110	770
Atrazine		7700	U	1400	7700

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10777.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1651			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		23000	U	3800	23000
Phenanthrene		73000		1400	7700
Anthracene		14000		1400	7700
Carbazole		11000		1200	7700
Di-n-butyl phthalate		7700	U	1200	7700
Fluoranthene		130000		1300	7700
Pyrene		81000		1300	7700
Butyl benzyl phthalate		9700		910	7700
3,3'-Dichlorobenzidine		16000	U	1700	16000
Benzo[a]anthracene		47000		140	770
Chrysene		51000		1100	7700
Bis(2-ethylhexyl) phthalate		3200	J	1000	7700
Di-n-octyl phthalate		7700	U	920	7700
Benzo[b]fluoranthene		50000		120	770
Benzo[k]fluoranthene		26000		110	770
Benzo[a]pyrene		39000		96	770
Indeno[1,2,3-cd]pyrene		33000		120	770
Dibenz(a,h)anthracene		4800		93	770
Benzo[g,h,i]perylene		29000		820	7700

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	0	D	10 - 120
2-Fluorobiphenyl	0	D	40 - 109
2-Fluorophenol (Surr)	0	D	37 - 125
Nitrobenzene-d5 (Surr)	0	D	38 - 105
Phenol-d5 (Surr)	0	D	41 - 118
Terphenyl-d14 (Surr)	0	D	16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10777.d

Dilution: 10

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1651

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 13**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
84-65-1	C15H12 PAH-1	8.45	7800	J
	C15H10 PAH	8.53	11000	J
	9,10-Anthracenedione	8.74	13000	J N
	C17H12 PAH-1	9.65	8000	J
	C20H12 PAH-1	11.83	9300	J
	C20H12 PAH-2	12.04	28000	J
	C20H12 PAH-3	12.20	12000	J
	Unknown-1	13.27	7700	J
	C22H12 PAH-1	13.36	9300	J
	C22H14 PAH-1	13.68	8800	J
	C24H14 PAHs	15.27	17000	J
	C24H14 PAHs	15.38	9800	J
	C24H14 PAHs	15.96	22000	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-90073

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10952.d

Dilution: 5.0

Initial Weight/Volume: 15.04 g

Analysis Date: 10/19/2011 0219

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		5100	U	320	5100
Phenol		5100	U	620	5100
Bis(2-chloroethyl)ether		510	U	110	510
2-Chlorophenol		5100	U	680	5100
2-Methylphenol		5100	U	730	5100
2,2'-oxybis[1-chloropropane]		5100	U	670	5100
Acetophenone		5100	U	760	5100
4-Methylphenol		5100	U	840	5100
N-Nitrosodi-n-propylamine		510	U	67	510
Hexachloroethane		510	U	86	510
Nitrobenzene		510	U	110	510
Isophorone		5100	U	590	5100
2-Nitrophenol		5100	U	840	5100
2,4-Dimethylphenol		5100	U	820	5100
Bis(2-chloroethoxy)methane		5100	U	730	5100
2,4-Dichlorophenol		5100	U	820	5100
Naphthalene		1200	J	750	5100
4-Chloroaniline		5100	U	640	5100
Hexachlorobutadiene		1000	U	210	1000
Caprolactam		5100	U	700	5100
4-Chloro-3-methylphenol		5100	U	860	5100
2-Methylnaphthalene		1100	J	750	5100
Hexachlorocyclopentadiene		5100	U	1500	5100
2,4,6-Trichlorophenol		5100	U	910	5100
2,4,5-Trichlorophenol		5100	U	980	5100
1,1'-Biphenyl		5100	U	840	5100
2-Chloronaphthalene		5100	U	720	5100
2-Nitroaniline		10000	U	1400	10000
Dimethyl phthalate		5100	U	690	5100
2,6-Dinitrotoluene		1000	U	130	1000
Acenaphthylene		5100	U	730	5100
3-Nitroaniline		10000	U	1200	10000
Acenaphthene		5100		730	5100
2,4-Dinitrophenol		15000	U	1100	15000
4-Nitrophenol		15000	U	1300	15000
Dibenzofuran		2000	J	770	5100
2,4-Dinitrotoluene		1000	U	150	1000
Diethyl phthalate		5100	U	680	5100
Fluorene		3000	J	860	5100
4-Chlorophenyl phenyl ether		5100	U	880	5100
4-Nitroaniline		10000	U	1100	10000
4,6-Dinitro-2-methylphenol		15000	U	2400	15000
N-Nitrosodiphenylamine		5100	U	830	5100
4-Bromophenyl phenyl ether		5100	U	910	5100
Hexachlorobenzene		510	U	71	510
Atrazine		5100	U	950	5100

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-90073	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10952.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/19/2011 0219			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		15000	U	2500	15000
Phenanthrene		37000		890	5100
Anthracene		6500		900	5100
Carbazole		5300		810	5100
Di-n-butyl phthalate		5100	U	780	5100
Fluoranthene		56000		850	5100
Pyrene		46000		880	5100
Butyl benzyl phthalate		3500	J	600	5100
3,3'-Dichlorobenzidine		10000	U	1100	10000
Benzo[a]anthracene		24000		94	510
Chrysene		28000		740	5100
Bis(2-ethylhexyl) phthalate		6900		680	5100
Di-n-octyl phthalate		2700	J	610	5100
Benzo[b]fluoranthene		29000		76	510
Benzo[k]fluoranthene		14000		71	510
Benzo[a]pyrene		21000		63	510
Indeno[1,2,3-cd]pyrene		15000		82	510
Dibenz(a,h)anthracene		2600		61	510
Benzo[g,h,i]perylene		19000		540	5100

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	63		10 - 120
2-Fluorobiphenyl	82		40 - 109
2-Fluorophenol (Surr)	84		37 - 125
Nitrobenzene-d5 (Surr)	79		38 - 105
Phenol-d5 (Surr)	81		41 - 118
Terphenyl-d14 (Surr)	74		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-90073

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10952.d

Dilution: 5.0

Initial Weight/Volume: 15.04 g

Analysis Date: 10/19/2011 0219

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
84-65-1	C15H10 PAH	8.48	4900	J
	9,10-Anthracenedione	8.69	5900	J N
	C17H12 PAH	9.61	6800	J
	C17H10O Ketone	10.10	4300	J
	C18H12 PAH	10.24	5500	J
	C20H12 PAH-1	11.77	5300	J
	C20H12 PAH-2	11.97	15000	J
	Unknown	13.05	5000	J
	C24H14 PAH	15.19	6600	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10778.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1717			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		2400	U	150	2400
Phenol		2400	U	290	2400
Bis(2-chloroethyl)ether		240	U	49	240
2-Chlorophenol		2400	U	320	2400
2-Methylphenol		2400	U	340	2400
2,2'-oxybis[1-chloropropane]		2400	U	310	2400
Acetophenone		2400	U	350	2400
4-Methylphenol		2400	U	390	2400
N-Nitrosodi-n-propylamine		240	U	31	240
Hexachloroethane		240	U	40	240
Nitrobenzene		240	U	53	240
Isophorone		2400	U	270	2400
2-Nitrophenol		2400	U	390	2400
2,4-Dimethylphenol		2400	U	380	2400
Bis(2-chloroethoxy)methane		2400	U	340	2400
2,4-Dichlorophenol		2400	U	380	2400
Naphthalene		850	J	350	2400
4-Chloroaniline		2400	U	300	2400
Hexachlorobutadiene		480	U	96	480
Caprolactam		2400	U	320	2400
4-Chloro-3-methylphenol		2400	U	400	2400
2-Methylnaphthalene		590	J	350	2400
Hexachlorocyclopentadiene		2400	U	690	2400
2,4,6-Trichlorophenol		2400	U	420	2400
2,4,5-Trichlorophenol		2400	U	460	2400
1,1'-Biphenyl		2400	U	390	2400
2-Chloronaphthalene		2400	U	330	2400
2-Nitroaniline		4800	U	650	4800
Dimethyl phthalate		2400	U	320	2400
2,6-Dinitrotoluene		480	U	60	480
Acenaphthylene		2400	U	340	2400
3-Nitroaniline		4800	U	530	4800
Acenaphthene		2900		340	2400
2,4-Dinitrophenol		7100	U	500	7100
4-Nitrophenol		7100	U	610	7100
Dibenzofuran		1600	J	360	2400
2,4-Dinitrotoluene		480	U	69	480
Diethyl phthalate		2400	U	320	2400
Fluorene		3200		400	2400
4-Chlorophenyl phenyl ether		2400	U	410	2400
4-Nitroaniline		4800	U	490	4800
4,6-Dinitro-2-methylphenol		7100	U	1100	7100
N-Nitrosodiphenylamine		2400	U	390	2400
4-Bromophenyl phenyl ether		2400	U	420	2400
Hexachlorobenzene		240	U	33	240
Atrazine		2400	U	440	2400

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10778.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1717			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		7100	U	1200	7100
Phenanthrene		34000		410	2400
Anthracene		8000		420	2400
Carbazole		5700		380	2400
Di-n-butyl phthalate		2400	U	360	2400
Fluoranthene		48000		390	2400
Pyrene		31000		410	2400
Butyl benzyl phthalate		1100	J	280	2400
3,3'-Dichlorobenzidine		4800	U	520	4800
Benzo[a]anthracene		20000		44	240
Chrysene		21000		340	2400
Bis(2-ethylhexyl) phthalate		690	J	310	2400
Di-n-octyl phthalate		2400	U	280	2400
Benzo[b]fluoranthene		19000		35	240
Benzo[k]fluoranthene		9800		33	240
Benzo[a]pyrene		17000		29	240
Indeno[1,2,3-cd]pyrene		15000		38	240
Dibenz(a,h)anthracene		2600		28	240
Benzo[g,h,i]perylene		14000		250	2400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	65		10 - 120
2-Fluorobiphenyl	81		40 - 109
2-Fluorophenol (Surr)	71		37 - 125
Nitrobenzene-d5 (Surr)	80		38 - 105
Phenol-d5 (Surr)	66		41 - 118
Terphenyl-d14 (Surr)	72		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10778.d

Dilution: 5.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1717

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 18**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
84-65-1	C15H12 PAH-1	8.43	2800	J
	C15H12 PAH-2	8.45	3700	J
	C15H10 PAH-1	8.53	5200	J
	C15H12 PAH-3	8.55	2500	J
	9,10-Anthracenedione	8.74	4600	J N
	C17H12 PAH-1	9.65	3200	J
	C17H12 PAH-1	9.72	2500	J
	Benzo(b)naphthothiophene isomer	10.25	2000	J
	Unknown	10.62	2500	J
	C19H14 PAH	10.95	1900	J
	C20H12 PAH-1	11.83	4000	J
	C20H12 PAH-2	12.04	11000	J
	C20H12 PAH-3	12.20	3900	J
	C22H12 PAH-1	13.36	4400	J
	C22H12 PAH-1	13.97	3100	J
	C24H14 PAH-1	15.27	7100	J
	C24H14 PAH-2	15.38	3900	J
	C24H14 PAH-3	15.95	4100	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10783.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1922

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		420	U	26	420
Phenol		420	U	51	420
Bis(2-chloroethyl)ether		42	U	8.7	42
2-Chlorophenol		420	U	56	420
2-Methylphenol		420	U	60	420
2,2'-oxybis[1-chloropropane]		420	U	55	420
Acetophenone		420	U	62	420
4-Methylphenol		420	U	68	420
N-Nitrosodi-n-propylamine		42	U	5.5	42
Hexachloroethane		42	U	7.0	42
Nitrobenzene		42	U	9.3	42
Isophorone		420	U	48	420
2-Nitrophenol		420	U	69	420
2,4-Dimethylphenol		420	U	67	420
Bis(2-chloroethoxy)methane		420	U	60	420
2,4-Dichlorophenol		420	U	67	420
Naphthalene		420	U	61	420
4-Chloroaniline		420	U	52	420
Hexachlorobutadiene		84	U	17	84
Caprolactam		420	U	57	420
4-Chloro-3-methylphenol		420	U	70	420
2-Methylnaphthalene		420	U	61	420
Hexachlorocyclopentadiene		420	U	120	420
2,4,6-Trichlorophenol		420	U	75	420
2,4,5-Trichlorophenol		420	U	80	420
1,1'-Biphenyl		420	U	69	420
2-Chloronaphthalene		420	U	59	420
2-Nitroaniline		840	U	110	840
Dimethyl phthalate		420	U	56	420
2,6-Dinitrotoluene		84	U	11	84
Acenaphthylene		420	U	60	420
3-Nitroaniline		840	U	94	840
Acenaphthene		420	U	59	420
2,4-Dinitrophenol		1300	U	89	1300
4-Nitrophenol		1300	U	110	1300
Dibenzofuran		420	U	63	420
2,4-Dinitrotoluene		84	U	12	84
Diethyl phthalate		420	U	56	420
Fluorene		420	U	71	420
4-Chlorophenyl phenyl ether		420	U	72	420
4-Nitroaniline		840	U	86	840
4,6-Dinitro-2-methylphenol		1300	U	200	1300
N-Nitrosodiphenylamine		420	U	68	420
4-Bromophenyl phenyl ether		420	U	74	420
Hexachlorobenzene		42	U	5.8	42
Atrazine		420	U	78	420

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10783.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1922			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1300	U	200	1300
Phenanthrene		2100		73	420
Anthracene		160	J	74	420
Carbazole		280	J	66	420
Di-n-butyl phthalate		420	U	64	420
Fluoranthene		4900		69	420
Pyrene		2800		72	420
Butyl benzyl phthalate		420	U	49	420
3,3'-Dichlorobenzidine		840	U	92	840
Benzo[a]anthracene		1300		7.7	42
Chrysene		2000		61	420
Bis(2-ethylhexyl) phthalate		98	J	55	420
Di-n-octyl phthalate		420	U	50	420
Benzo[b]fluoranthene		1700		6.2	42
Benzo[k]fluoranthene		820		5.8	42
Benzo[a]pyrene		1300		5.1	42
Indeno[1,2,3-cd]pyrene		1300		6.7	42
Dibenz(a,h)anthracene		180		5.0	42
Benzo[g,h,i]perylene		1100		44	420

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77		10 - 120
2-Fluorobiphenyl	85		40 - 109
2-Fluorophenol (Surr)	68		37 - 125
Nitrobenzene-d5 (Surr)	85		38 - 105
Phenol-d5 (Surr)	67		41 - 118
Terphenyl-d14 (Surr)	72		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10783.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 10/13/2011 1922

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
84-65-1	9,10-Anthracenedione	8.74	690	J N
	C20H12 PAH	12.04	1100	J
	Unknown-1	13.26	450	J
	C20H12 PAH-2	13.37	430	J
	C24H14 PAH	15.27	410	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10769.d

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Analysis Date: 10/13/2011 1331

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		330	U	21	330
Phenol		330	U	40	330
Bis(2-chloroethyl)ether		33	U	6.9	33
2-Chlorophenol		330	U	44	330
2-Methylphenol		330	U	47	330
2,2'-oxybis[1-chloropropane]		330	U	43	330
Acetophenone		330	U	49	330
4-Methylphenol		330	U	54	330
N-Nitrosodi-n-propylamine		33	U	4.4	33
Hexachloroethane		33	U	5.6	33
Nitrobenzene		33	U	7.4	33
Isophorone		330	U	38	330
2-Nitrophenol		330	U	54	330
2,4-Dimethylphenol		330	U	53	330
Bis(2-chloroethoxy)methane		330	U	47	330
2,4-Dichlorophenol		330	U	53	330
Naphthalene		330	U	48	330
4-Chloroaniline		330	U	41	330
Hexachlorobutadiene		67	U	13	67
Caprolactam		330	U	45	330
4-Chloro-3-methylphenol		330	U	55	330
2-Methylnaphthalene		330	U	48	330
Hexachlorocyclopentadiene		330	U	96	330
2,4,6-Trichlorophenol		330	U	59	330
2,4,5-Trichlorophenol		330	U	64	330
1,1'-Biphenyl		330	U	54	330
2-Chloronaphthalene		330	U	47	330
2-Nitroaniline		670	U	90	670
Dimethyl phthalate		330	U	45	330
2,6-Dinitrotoluene		67	U	8.4	67
Acenaphthylene		330	U	47	330
3-Nitroaniline		670	U	75	670
Acenaphthene		330	U	47	330
2,4-Dinitrophenol		1000	U	70	1000
4-Nitrophenol		1000	U	85	1000
Dibenzofuran		330	U	50	330
2,4-Dinitrotoluene		67	U	9.6	67
Diethyl phthalate		330	U	44	330
Fluorene		330	U	56	330
4-Chlorophenyl phenyl ether		330	U	57	330
4-Nitroaniline		670	U	68	670
4,6-Dinitro-2-methylphenol		1000	U	160	1000
N-Nitrosodiphenylamine		330	U	54	330
4-Bromophenyl phenyl ether		330	U	59	330
Hexachlorobenzene		33	U	4.6	33
Atrazine		330	U	62	330

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-88819	Lab File ID:	z10769.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/13/2011 1331			Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1000	U	160	1000
Phenanthrene		330	U	58	330
Anthracene		330	U	58	330
Carbazole		330	U	52	330
Di-n-butyl phthalate		370		50	330
Fluoranthene		330	U	55	330
Pyrene		330	U	57	330
Butyl benzyl phthalate		330	U	38	330
3,3'-Dichlorobenzidine		670	U	73	670
Benzo[a]anthracene		33	U	6.1	33
Chrysene		330	U	48	330
Bis(2-ethylhexyl) phthalate		330	U	44	330
Di-n-octyl phthalate		330	U	39	330
Benzo[b]fluoranthene		33	U	4.9	33
Benzo[k]fluoranthene		33	U	4.6	33
Benzo[a]pyrene		33	U	4.1	33
Indeno[1,2,3-cd]pyrene		33	U	5.3	33
Dibenz(a,h)anthracene		33	U	4.0	33
Benzo[g,h,i]perylene		330	U	35	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79		10 - 120
2-Fluorobiphenyl	79		40 - 109
2-Fluorophenol (Surr)	75		37 - 125
Nitrobenzene-d5 (Surr)	81		38 - 105
Phenol-d5 (Surr)	74		41 - 118
Terphenyl-d14 (Surr)	82		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89646

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-88819

Lab File ID: z10769.d

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Analysis Date: 10/13/2011 1331

Final Weight/Volume: 1 mL

Prep Date: 10/08/2011 1615

Injection Volume:

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.15 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0118

Injection Volume:

Prep Date: 10/18/2011 1907

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		3000	U	610	3000

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	89		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.75 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0143

Injection Volume:

Prep Date: 10/18/2011 1909

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		2700	U	560	2700
Surrogate		%Rec	Qualifier	Acceptance Limits	
a,a,a-Trifluorotoluene		90		68 - 143	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.77 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0207

Injection Volume:

Prep Date: 10/18/2011 1911

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		2700	U	540	2700

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	87		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.53 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0231

Injection Volume:

Prep Date: 10/18/2011 1913

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		5300	U	1100	5300

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	83		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.75 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0256

Injection Volume:

Prep Date: 10/18/2011 1915

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		6700	U	1400	6700

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	84		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.05 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0320

Injection Volume:

Prep Date: 10/18/2011 1917

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		3500	U	720	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	91		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.75 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0344

Injection Volume:

Prep Date: 10/18/2011 1919

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		2700	U	560	2700

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	89		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8015B Gasoline Range Organics (GC)

Analysis Method: 8015B

Analysis Batch: 460-89982

Instrument ID: VOAGC3

Prep Method: 5035

Prep Batch: 460-89955

Initial Weight/Volume: 5.17 g

Dilution: 50

Final Weight/Volume: 10 mL

Analysis Date: 10/19/2011 0409

Injection Volume:

Prep Date: 10/18/2011 1921

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
GRO		2400	U	500	2400

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	99		68 - 143

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.02 g

Dilution: 1.0

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0452

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		42		8.2	8.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.03 g

Dilution: 1.0

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0507

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		33		8.4	8.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.01 g

Dilution: 1.0

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0519

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		41		8.2	8.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	93		43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.02 g

Dilution: 100

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0533

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		7400		1600	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	460-90459	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-90025	Initial Weight/Volume:	15.01 g
Dilution:	50			Final Weight/Volume:	1 mL
Analysis Date:	10/24/2011 0545			Injection Volume:	1 uL
Prep Date:	10/19/2011 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		3600		1000	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.03 g

Dilution: 10

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0600

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		690		96	96

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.00 g

Dilution: 10

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0614

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		310		84	84

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 460-90459

Instrument ID: BNAGC1

Prep Method: 3546

Prep Batch: 460-90025

Initial Weight/Volume: 15.01 g

Dilution: 1.0

Final Weight/Volume: 1 mL

Analysis Date: 10/24/2011 0856

Injection Volume: 1 uL

Prep Date: 10/19/2011 1029

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics [C10-C28]		25		6.7	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	44		43 - 119

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 0924			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.2	U	1.5	8.2
beta-BHC		8.2	U	1.1	8.2
delta-BHC		8.2	U	1.2	8.2
gamma-BHC (Lindane)		8.2	U	0.95	8.2
Heptachlor		8.2	U	1.2	8.2
Aldrin		8.2	U	1.8	8.2
Heptachlor epoxide		8.2	U	1.7	8.2
Endosulfan I		8.2	U	1.7	8.2
Dieldrin		8.2	U	1.6	8.2
4,4'-DDE		8.2	U	1.6	8.2
Endrin		8.2	U	1.1	8.2
Endosulfan II		8.2	U	1.2	8.2
4,4'-DDD		8.2	U	0.98	8.2
Endosulfan sulfate		8.2	U	1.1	8.2
4,4'-DDT		8.2	U	1.0	8.2
Methoxychlor		8.2	U	0.92	8.2
Endrin ketone		8.2	U	1.2	8.2
Endrin aldehyde		8.2	U	2.0	8.2
alpha-Chlordane		8.2	U	1.7	8.2
gamma-Chlordane		8.2	U	1.7	8.2
Toxaphene		82	U	17	82
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		120		53 - 150	
Tetrachloro-m-xylene		94		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 0924

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		53 - 150
Tetrachloro-m-xylene	93		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 0938			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.4	U	1.6	8.4
beta-BHC		8.4	U	1.1	8.4
delta-BHC		8.4	U	1.3	8.4
gamma-BHC (Lindane)		8.4	U	0.98	8.4
Heptachlor		8.4	U	1.2	8.4
Aldrin		8.4	U	1.8	8.4
Heptachlor epoxide		8.4	U	1.7	8.4
Endosulfan I		8.4	U	1.8	8.4
Dieldrin		8.4	U	1.6	8.4
4,4'-DDE		8.4	U	1.6	8.4
Endrin		8.4	U	1.2	8.4
Endosulfan II		8.4	U	1.3	8.4
4,4'-DDD		8.4	U	1.0	8.4
Endosulfan sulfate		8.4	U	1.1	8.4
4,4'-DDT		8.4	U	1.1	8.4
Methoxychlor		8.4	U	0.94	8.4
Endrin ketone		8.4	U	1.2	8.4
Endrin aldehyde		8.4	U	2.1	8.4
alpha-Chlordane		8.4	U	1.8	8.4
gamma-Chlordane		8.4	U	1.7	8.4
Toxaphene		84	U	18	84
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		120		53 - 150	
Tetrachloro-m-xylene		99		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 0938

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		53 - 150
Tetrachloro-m-xylene	97		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 0952			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.2	U	1.5	8.2
beta-BHC		8.2	U	1.1	8.2
delta-BHC		8.2	U	1.2	8.2
gamma-BHC (Lindane)		8.2	U	0.95	8.2
Heptachlor		8.2	U	1.2	8.2
Aldrin		8.2	U	1.8	8.2
Heptachlor epoxide		8.2	U	1.7	8.2
Endosulfan I		8.2	U	1.7	8.2
Dieldrin		8.2	U	1.6	8.2
4,4'-DDE		8.2	U	1.6	8.2
Endrin		8.2	U	1.1	8.2
Endosulfan II		8.2	U	1.2	8.2
4,4'-DDD		8.2	U	0.98	8.2
Endosulfan sulfate		8.2	U	1.1	8.2
4,4'-DDT		8.2	U	1.0	8.2
Methoxychlor		8.2	U	0.92	8.2
Endrin ketone		8.2	U	1.2	8.2
Endrin aldehyde		8.2	U	2.0	8.2
alpha-Chlordane		8.2	U	1.7	8.2
gamma-Chlordane		8.2	U	1.7	8.2
Toxaphene		82	U	17	82
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		95		53 - 150	
Tetrachloro-m-xylene		79		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.05 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 0952

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		53 - 150
Tetrachloro-m-xylene	78		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 1006			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		16	U	2.9	16
beta-BHC		16	U	2.1	16
delta-BHC		16	U	2.4	16
gamma-BHC (Lindane)		16	U	1.8	16
Heptachlor		16	U	2.3	16
Aldrin		16	U	3.5	16
Heptachlor epoxide		16	U	3.2	16
Endosulfan I		16	U	3.3	16
Dieldrin		16	U	3.0	16
4,4'-DDE		16	U	3.1	16
Endrin		16	U	2.2	16
Endosulfan II		16	U	2.4	16
4,4'-DDD		16	U	1.9	16
Endosulfan sulfate		16	U	2.0	16
4,4'-DDT		16	U	2.0	16
Methoxychlor		16	U	1.8	16
Endrin ketone		16	U	2.3	16
Endrin aldehyde		16	U	3.9	16
alpha-Chlordane		16	U	3.3	16
gamma-Chlordane		16	U	3.2	16
Toxaphene		160	U	33	160
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		88	p	53 - 150	
Tetrachloro-m-xylene		80		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 1006

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	166	X	53 - 150
Tetrachloro-m-xylene	79		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A	Analysis Batch: 460-89205	Instrument ID: PESTGC4
Prep Method: 3541	Prep Batch: 460-88837	Initial Weight/Volume: 15.03 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 10/11/2011 1020		Injection Volume: 1 uL
Prep Date: 10/10/2011 0353		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		21	U	3.8	21
beta-BHC		21	U	2.8	21
delta-BHC		21	U	3.1	21
gamma-BHC (Lindane)		21	U	2.4	21
Heptachlor		21	U	3.0	21
Aldrin		21	U	4.5	21
Heptachlor epoxide		21	U	4.2	21
Endosulfan I		21	U	4.4	21
Dieldrin		21	U	4.0	21
4,4'-DDE		21	U	4.0	21
Endrin		21	U	2.9	21
Endosulfan II		21	U	3.1	21
4,4'-DDD		21	U	2.5	21
Endosulfan sulfate		21	U	2.7	21
4,4'-DDT		21	U	2.6	21
Methoxychlor		21	U	2.3	21
Endrin ketone		21	U	3.1	21
Endrin aldehyde		21	U	5.2	21
alpha-Chlordane		21	U	4.4	21
gamma-Chlordane		21	U	4.2	21
Toxaphene		210	U	43	210
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		90	p	53 - 150	
Tetrachloro-m-xylene		80		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.03 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 1020

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	148		53 - 150
Tetrachloro-m-xylene	77		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 1034			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		9.6	U	1.8	9.6
beta-BHC		9.6	U	1.3	9.6
delta-BHC		9.6	U	1.5	9.6
gamma-BHC (Lindane)		9.6	U	1.1	9.6
Heptachlor		9.6	U	1.4	9.6
Aldrin		9.6	U	2.1	9.6
Heptachlor epoxide		9.6	U	1.9	9.6
Endosulfan I		9.6	U	2.0	9.6
Dieldrin		9.6	U	1.8	9.6
4,4'-DDE		9.6	U	1.9	9.6
Endrin		9.6	U	1.3	9.6
Endosulfan II		9.6	U	1.4	9.6
4,4'-DDD		9.6	U	1.1	9.6
Endosulfan sulfate		9.6	U	1.2	9.6
4,4'-DDT		9.6	U	1.2	9.6
Methoxychlor		9.6	U	1.1	9.6
Endrin ketone		9.6	U	1.4	9.6
Endrin aldehyde		9.6	U	2.4	9.6
alpha-Chlordane		9.6	U	2.0	9.6
gamma-Chlordane		9.6	U	2.0	9.6
Toxaphene		96	U	20	96
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		95	p	53 - 150	
Tetrachloro-m-xylene		81		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.01 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 1034

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	181	X	53 - 150
Tetrachloro-m-xylene	80		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 1048			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.4	U	1.6	8.4
beta-BHC		8.4	U	1.1	8.4
delta-BHC		8.4	U	1.3	8.4
gamma-BHC (Lindane)		8.4	U	0.98	8.4
Heptachlor		8.4	U	1.2	8.4
Aldrin		8.4	U	1.8	8.4
Heptachlor epoxide		8.4	U	1.7	8.4
Endosulfan I		8.4	U	1.8	8.4
Dieldrin		8.4	U	1.6	8.4
4,4'-DDE		8.4	U	1.6	8.4
Endrin		8.4	U	1.2	8.4
Endosulfan II		8.4	U	1.3	8.4
4,4'-DDD		8.4	U	1.0	8.4
Endosulfan sulfate		8.4	U	1.1	8.4
4,4'-DDT		8.4	U	1.1	8.4
Methoxychlor		8.4	U	0.94	8.4
Endrin ketone		8.4	U	1.2	8.4
Endrin aldehyde		8.4	U	2.1	8.4
alpha-Chlordane		8.4	U	1.8	8.4
gamma-Chlordane		8.4	U	1.7	8.4
Toxaphene		84	U	18	84
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		95		53 - 150	
Tetrachloro-m-xylene		74		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.05 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 1048

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		53 - 150
Tetrachloro-m-xylene	73		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-88837	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 1101			Injection Volume:	1 uL
Prep Date:	10/10/2011 0353			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		6.7	U	1.2	6.7
beta-BHC		6.7	U	0.91	6.7
delta-BHC		6.7	U	1.0	6.7
gamma-BHC (Lindane)		6.7	U	0.78	6.7
Heptachlor		6.7	U	0.96	6.7
Aldrin		6.7	U	1.5	6.7
Heptachlor epoxide		6.7	U	1.4	6.7
Endosulfan I		6.7	U	1.4	6.7
Dieldrin		6.7	U	1.3	6.7
4,4'-DDE		6.7	U	1.3	6.7
Endrin		6.7	U	0.94	6.7
Endosulfan II		6.7	U	1.0	6.7
4,4'-DDD		6.7	U	0.80	6.7
Endosulfan sulfate		6.7	U	0.86	6.7
4,4'-DDT		6.7	U	0.84	6.7
Methoxychlor		6.7	U	0.75	6.7
Endrin ketone		6.7	U	0.99	6.7
Endrin aldehyde		6.7	U	1.7	6.7
alpha-Chlordane		6.7	U	1.4	6.7
gamma-Chlordane		6.7	U	1.4	6.7
Toxaphene		67	U	14	67
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		109		53 - 150	
Tetrachloro-m-xylene		93		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89205

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-88837

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 1101

Injection Volume: 1 uL

Prep Date: 10/10/2011 0353

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		53 - 150
Tetrachloro-m-xylene	92		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1415			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		82	U	16	82
PCB-1221		82	U	25	82
PCB-1232		82	U	46	82
PCB-1242		82	U	16	82
PCB-1248		82	U	22	82
PCB-1254		82	U	28	82
PCB-1260		82	U	9.1	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1415

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1431			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		84	U	16	84
PCB-1221		84	U	25	84
PCB-1232		84	U	48	84
PCB-1242		84	U	16	84
PCB-1248		84	U	22	84
PCB-1254		84	U	29	84
PCB-1260		84	U	9.4	84

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1431

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1448			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		82	U	16	82
PCB-1221		82	U	25	82
PCB-1232		82	U	46	82
PCB-1242		82	U	16	82
PCB-1248		82	U	22	82
PCB-1254		82	U	28	82
PCB-1260		82	U	9.1	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.05 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1448

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1504			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		160	U	30	160
PCB-1221		160	U	47	160
PCB-1232		160	U	89	160
PCB-1242		160	U	30	160
PCB-1248		160	U	42	160
PCB-1254		160	U	54	160
PCB-1260		160	U	18	160

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	160	X	30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1504

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1521			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		210	U	40	210
PCB-1221		210	U	62	210
PCB-1232		210	U	120	210
PCB-1242		210	U	39	210
PCB-1248		210	U	55	210
PCB-1254		210	U	71	210
PCB-1260		210	U	23	210

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	149		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.03 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1521

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89203	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1650			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		96	U	18	96
PCB-1221		96	U	29	96
PCB-1232		96	U	54	96
PCB-1242		96	U	18	96
PCB-1248		96	U	25	96
PCB-1254		96	U	33	96
PCB-1260		96	U	11	96

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	175	X	30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89203

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.01 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1650

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89203	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1707			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		84	U	16	84
PCB-1221		84	U	25	84
PCB-1232		84	U	48	84
PCB-1242		84	U	16	84
PCB-1248		84	U	22	84
PCB-1254		84	U	29	84
PCB-1260		84	U	9.4	84

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89203

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.05 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1707

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-88836	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/10/2011 1325			Injection Volume:	
Prep Date:	10/10/2011 0252			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		67	U	13	67
PCB-1221		67	U	20	67
PCB-1232		67	U	38	67
PCB-1242		67	U	13	67
PCB-1248		67	U	18	67
PCB-1254		67	U	23	67
PCB-1260		67	U	7.5	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89063

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-88836

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/10/2011 1325

Injection Volume:

Prep Date: 10/10/2011 0252

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

% Moisture: 18.2

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	10/16/2011 2024			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1240		17.9	48.9
Antimony		2.4	U	1.1	2.4
Arsenic		1.2	U	0.85	1.2
Barium		10.2	J	1.5	48.9
Beryllium		0.49	U	0.22	0.49
Cadmium		1.2	U	0.19	1.2
Calcium		568	J	32.1	1220
Chromium		12.0		1.5	2.4
Cobalt		1.8	J	1.5	12.2
Copper		3.6	J	1.0	6.1
Iron		7430		13.0	36.7
Lead		18.7		0.61	1.2
Magnesium		527	J	12.9	1220
Manganese		85.2		1.4	3.7
Nickel		3.6	J	0.66	9.8
Potassium		151	J	55.2	1220
Selenium		2.4	U	1.1	2.4
Silver		2.4	U	0.19	2.4
Sodium		1220	U	75.1	1220
Thallium		2.4	U	1.2	2.4
Vanadium		11.3	J	0.64	12.2
Zinc		21.9		1.2	7.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89271	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	10/12/2011 2121			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.040	U	0.027	0.040

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

% Moisture: 20.1

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	10/16/2011 2028			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1790		16.4	44.7
Antimony		2.2	U	0.98	2.2
Arsenic		1.1	U	0.78	1.1
Barium		19.9	J	1.4	44.7
Beryllium		0.45	U	0.20	0.45
Cadmium		1.1	U	0.17	1.1
Calcium		535	J	29.4	1120
Chromium		19.1		1.3	2.2
Cobalt		2.7	J	1.4	11.2
Copper		5.0	J	0.91	5.6
Iron		7490		11.9	33.5
Lead		13.8		0.56	1.1
Magnesium		619	J	11.8	1120
Manganese		64.6		1.3	3.4
Nickel		7.2	J	0.60	8.9
Potassium		308	J	50.5	1120
Selenium		2.2	U	1.0	2.2
Silver		2.2	U	0.17	2.2
Sodium		1120	U	68.6	1120
Thallium		2.2	U	1.1	2.2
Vanadium		17.2		0.58	11.2
Zinc		34.0		1.1	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89271	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	10/12/2011 2123			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.038	U	0.025	0.038

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

% Moisture: 18.5

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.08 g
Analysis Date:	10/16/2011 2031			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8970		16.6	45.4
Antimony		2.3	U	1.0	2.3
Arsenic		1.8		0.79	1.1
Barium		66.5		1.4	45.4
Beryllium		0.53		0.20	0.45
Cadmium		1.1	U	0.18	1.1
Calcium		1210		29.9	1140
Chromium		25.8		1.3	2.3
Cobalt		8.0	J	1.4	11.4
Copper		11.0		0.93	5.7
Iron		12200		12.1	34.1
Lead		8.1		0.57	1.1
Magnesium		2890		12.0	1140
Manganese		100		1.3	3.4
Nickel		14.4		0.61	9.1
Potassium		808	J	51.3	1140
Selenium		2.3	U	1.1	2.3
Silver		2.3	U	0.17	2.3
Sodium		1140	U	69.7	1140
Thallium		2.3	U	1.1	2.3
Vanadium		32.8		0.59	11.4
Zinc		30.7		1.1	6.8

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	10/12/2011 2142			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.037	U	0.025	0.037

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

% Moisture: 57.4

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	10/16/2011 2035			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10000		32.5	88.6
Antimony		8.2		1.9	4.4
Arsenic		4.6		1.5	2.2
Barium		156		2.7	88.6
Beryllium		0.50	J	0.39	0.89
Cadmium		2.5		0.35	2.2
Calcium		29100		58.2	2220
Chromium		85.5		2.6	4.4
Cobalt		9.0	J	2.7	22.2
Copper		249		1.8	11.1
Iron		23100		23.5	66.5
Lead		396		1.1	2.2
Magnesium		18000		23.4	2220
Manganese		248		2.5	6.6
Nickel		30.4		1.2	17.7
Potassium		763	J	100	2220
Selenium		4.4	U	2.1	4.4
Silver		4.4	U	0.34	4.4
Sodium		210	J	136	2220
Thallium		4.4	U	2.1	4.4
Vanadium		38.4		1.2	22.2
Zinc		1670		2.2	13.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	10/12/2011 2144			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.25		0.050	0.075

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

% Moisture: 67.7

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	10/16/2011 1658			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7870		41.6	114
Antimony		10.5		2.5	5.7
Arsenic		6.7		2.0	2.8
Barium		185		3.4	114
Beryllium		0.84	J	0.50	1.1
Cadmium		4.1		0.44	2.8
Calcium		51200		74.6	2840
Chromium		117		3.4	5.7
Cobalt		12.8	J	3.5	28.4
Copper		394		2.3	14.2
Iron		36900		30.1	85.1
Lead		526		1.4	2.8
Magnesium		30500		30.0	2840
Manganese		370		3.2	8.5
Nickel		42.6		1.5	22.7
Potassium		971	J	128	2840
Selenium		5.7	U	2.7	5.7
Silver		5.7	U	0.43	5.7
Sodium		363	J	174	2840
Thallium		5.7	U	2.7	5.7
Vanadium		54.0		1.5	28.4
Zinc		2370		2.8	17.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	10/12/2011 2146			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.81		0.065	0.097

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

% Moisture: 30.0

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	10/16/2011 1702			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2370		19.8	53.9
Antimony		1.5	J	1.2	2.7
Arsenic		3.0		0.94	1.3
Barium		37.5	J	1.6	53.9
Beryllium		0.72		0.24	0.54
Cadmium		0.43	J	0.21	1.3
Calcium		11600		35.5	1350
Chromium		19.9		1.6	2.7
Cobalt		4.5	J	1.7	13.5
Copper		71.5		1.1	6.7
Iron		26300		14.3	40.5
Lead		111		0.67	1.3
Magnesium		6610		14.3	1350
Manganese		239		1.5	4.0
Nickel		13.1		0.72	10.8
Potassium		266	J	60.9	1350
Selenium		2.7	U	1.3	2.7
Silver		2.7	U	0.20	2.7
Sodium		306	J	82.8	1350
Thallium		2.7	U	1.3	2.7
Vanadium		12.8	J	0.70	13.5
Zinc		836		1.3	8.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	10/12/2011 2148			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.065		0.030	0.046

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

% Moisture: 20.7

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	10/16/2011 1705			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1590		17.8	48.5
Antimony		2.4	U	1.1	2.4
Arsenic		1.0	J	0.84	1.2
Barium		15.8	J	1.5	48.5
Beryllium		0.48	U	0.21	0.48
Cadmium		1.2	U	0.19	1.2
Calcium		27300		31.9	1210
Chromium		6.9		1.4	2.4
Cobalt		1.7	J	1.5	12.1
Copper		17.3		0.99	6.1
Iron		8250		12.9	36.4
Lead		32.4		0.61	1.2
Magnesium		15400		12.8	1210
Manganese		114		1.4	3.6
Nickel		4.4	J	0.65	9.7
Potassium		273	J	54.7	1210
Selenium		2.4	U	1.1	2.4
Silver		2.4	U	0.18	2.4
Sodium		578	J	74.4	1210
Thallium		2.4	U	1.2	2.4
Vanadium		6.4	J	0.63	12.1
Zinc		164		1.2	7.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	10/12/2011 2150			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	J	0.025	0.037

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/06/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89684	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	10/16/2011 1616			Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		166		14.5	39.6
Antimony		2.0	U	0.87	2.0
Arsenic		0.74	J	0.69	0.99
Barium		39.6	U	1.2	39.6
Beryllium		0.40	U	0.17	0.40
Cadmium		0.99	U	0.15	0.99
Calcium		60.3	J	26.0	990
Chromium		2.3		1.2	2.0
Cobalt		9.9	U	1.2	9.9
Copper		5.0	U	0.81	5.0
Iron		1510		10.5	29.7
Lead		1.2		0.50	0.99
Magnesium		33.2	J	10.5	990
Manganese		1.3	J	1.1	3.0
Nickel		7.9	U	0.53	7.9
Potassium		990	U	44.7	990
Selenium		2.0	U	0.93	2.0
Silver		2.0	U	0.15	2.0
Sodium		990	U	60.8	990
Thallium		2.0	U	0.96	2.0
Vanadium		2.0	J	0.51	9.9
Zinc		5.9	U	0.97	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	10/12/2011 2156			Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.030	U	0.020	0.030

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Date Sampled: 10/05/2011 1030

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	81.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Date Sampled: 10/05/2011 1100

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	79.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Date Sampled: 10/05/2011 1130

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	81.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Date Sampled: 10/05/2011 1215

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	57.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	42.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Date Sampled: 10/05/2011 1230

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	67.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	32.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Date Sampled: 10/05/2011 1250

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	70.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Date Sampled: 10/05/2011 1315

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	79.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

General Chemistry**Client Sample ID:** FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Date Sampled: 10/05/2011 1400

Client Matrix: Solid

Date Received: 10/06/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	1.0	U	%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N
Percent Solids	100		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/11/2011 0049					DryWt Corrected: N

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-32125-1	SO-17338-100511-M M-140	103	100	103
460-32125-2	SO-17338-100511-M M-141	99	96	98
460-32125-3	SO-17338-100511-M M-142	95	97	97
460-32125-4	SO-17338-100511-M M-143	96	97	97
460-32125-5	SO-17338-100511-M M-144	74	70	71
460-32125-6	SO-17338-100511-M M-145	104	102	101
460-32125-7	SO-17338-100511-M M-146	102	98	101
460-32125-8	FB-17338-100511-M M-147	108	110	109
460-32125-9	TB-17338-100511-M M-148	110	108	110
MB 460-89343/4		94	96	111
LCS 460-89343/3		101	101	102
460-32125-1 MS	SO-17338-100511-M M-140 MS	100	94	96
460-32125-1 MSD	SO-17338-100511-M M-140 MSD	101	97	98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report**8270C Semivolatile Organics (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-32125-1	SO-17338-100511-M M-140	70	69	79	76	77	87
460-32125-2	SO-17338-100511-M M-141	72	72	76	77	83	92
460-32125-3	SO-17338-100511-M M-142	71	69	79	78	75	81
460-32125-4	SO-17338-100511-M M-143	0D	0D	0D	0D	0D	0D
460-32125-5	SO-17338-100511-M M-144	84	81	79	82	63	74
460-32125-6	SO-17338-100511-M M-145	71	66	80	81	65	72
460-32125-7	SO-17338-100511-M M-146	68	67	85	85	77	72
460-32125-8	FB-17338-100511-M M-147	75	74	81	79	79	82
MB 460-88819/1-A		72	73	74	71	75	77
LCS 460-88819/2-A		68	67	77	77	78	73
460-32001-D-7-G MS		69	70	79	84	87	80
460-32001-D-7-H MSD		66	66	82	83	87	72

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report**8015B Gasoline Range Organics (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	TFT1 %Rec
460-32125-1	SO-17338-100511-M M-140	89
460-32125-2	SO-17338-100511-M M-141	90
460-32125-3	SO-17338-100511-M M-142	87
460-32125-4	SO-17338-100511-M M-143	83
460-32125-5	SO-17338-100511-M M-144	84
460-32125-6	SO-17338-100511-M M-145	91
460-32125-7	SO-17338-100511-M M-146	89
460-32125-8	FB-17338-100511-M M-147	99
MB 460-89982/3		82
LCS 460-89982/2		111
460-32125-8 MS	FB-17338-100511-M M-147 MS	123
460-32125-8 MSD	FB-17338-100511-M M-147 MSD	122

Surrogate

Acceptance Limits

TFT = a,a,a-Trifluorotoluene

68-143

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report**8015B Diesel Range Organics (DRO) (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	OTPH1 %Rec
460-32125-1	SO-17338-100511-M M-140	99
460-32125-2	SO-17338-100511-M M-141	99
460-32125-3	SO-17338-100511-M M-142	93
460-32125-4	SO-17338-100511-M M-143	0D X
460-32125-5	SO-17338-100511-M M-144	0D X
460-32125-6	SO-17338-100511-M M-145	0D X
460-32125-7	SO-17338-100511-M M-146	0D X
460-32125-8	FB-17338-100511-M M-147	44
MB 460-90025/1-A		101
LCS 460-90025/2-A		117
460-32125-8 MS	FB-17338-100511-M M-147 MS	182X
460-32125-8 MSD	FB-17338-100511-M M-147 MSD	90

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	43-119

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-32125-1	SO-17338-100511-M M-140	94	93	114	120
460-32125-2	SO-17338-100511-M M-141	99	97	114	120
460-32125-3	SO-17338-100511-M M-142	79	78	91	95
460-32125-4	SO-17338-100511-M M-143	79	80	88p	166X
460-32125-5	SO-17338-100511-M M-144	80	77	90p	148
460-32125-6	SO-17338-100511-M M-145	80	81	95p	181X
460-32125-7	SO-17338-100511-M M-146	74	73	85	95
460-32125-8	FB-17338-100511-M M-147	93	92	103	109
MB 460-88837/1-A		108	108	135	141
LCS 460-88837/2-A		101	96	126	126
460-32125-8 MS	FB-17338-100511-M M-147 MS	71	68	85	86
460-32125-8 MSD	FB-17338-100511-M M-147 MSD	69	65	83	84

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate Recovery Report**8082 Polychlorinated Biphenyls (PCBs) (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-32125-1	SO-17338-100511-M M-140	119	113
460-32125-2	SO-17338-100511-M M-141	118	112
460-32125-3	SO-17338-100511-M M-142	102	87
460-32125-4	SO-17338-100511-M M-143	160X	113
460-32125-5	SO-17338-100511-M M-144	149	113
460-32125-6	SO-17338-100511-M M-145	175X	142
460-32125-7	SO-17338-100511-M M-146	88	88
460-32125-8	FB-17338-100511-M M-147	115	95
MB 460-88836/1-A		118	101
LCS 460-88836/2-A		119	99
460-32125-8 MS	FB-17338-100511-M M-147 MS	123	102
460-32125-8 MSD	FB-17338-100511-M M-147 MSD	116	95

Surrogate

Acceptance Limits

DCB = DCB Decachlorobiphenyl

30-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-32125-1	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04574.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1337			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32125-1	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1402			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	102	96	41 - 149	6	30		
Chloromethane	98	102	52 - 144	5	30		
Vinyl chloride	103	111	55 - 154	8	30		
Bromomethane	71	64	58 - 164	10	30		
Chloroethane	57	62	66 - 144	8	30	F	F
Trichlorofluoromethane	88	89	60 - 148	1	30		
1,1-Dichloroethene	75	75	68 - 138	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	91	94	50 - 128	4	30		
Acetone	102	97	48 - 177	5	30		
Carbon disulfide	75	78	70 - 120	4	30		
Methyl acetate	90	91	72 - 165	1	30		
Methylene Chloride	84	85	78 - 118	1	30		
trans-1,2-Dichloroethene	80	83	73 - 119	4	30		
Methyl tert-butyl ether	86	87	65 - 143	2	30		
1,1-Dichloroethane	86	86	79 - 119	0	30		
cis-1,2-Dichloroethene	84	86	78 - 118	3	30		
2-Butanone (MEK)	97	92	70 - 139	5	30		
Chloroform	87	88	81 - 122	2	30		
1,1,1-Trichloroethane	85	89	78 - 118	5	30		
Cyclohexane	94	97	69 - 128	3	30		
Carbon tetrachloride	89	90	64 - 130	2	30		
Benzene	84	86	71 - 118	3	30		
1,2-Dichloroethane	87	89	81 - 121	2	30		
Trichloroethene	89	88	82 - 122	0	30		
Methylcyclohexane	99	103	80 - 134	4	30		
1,2-Dichloropropane	88	87	78 - 118	0	30		
Dichlorobromomethane	91	90	78 - 118	1	30		
cis-1,3-Dichloropropene	81	84	75 - 120	4	30		
4-Methyl-2-pentanone (MIBK)	87	91	69 - 124	4	30		
Toluene	86	91	79 - 136	6	30		
trans-1,3-Dichloropropene	83	88	73 - 118	6	30		
1,1,2-Trichloroethane	81	86	77 - 120	7	30		
Tetrachloroethene	91	94	78 - 136	3	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-32125-1	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04574.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1337			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32125-1	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1402			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Hexanone	81	88	62 - 123	8	30		
Chlorodibromomethane	80	85	78 - 118	7	30		
1,2-Dibromoethane	82	88	76 - 120	7	30		
Chlorobenzene	87	89	69 - 124	2	30		
Ethylbenzene	86	88	78 - 124	3	30		
Xylenes, Total	87	92	78 - 126	5	30		
Styrene	88	92	73 - 126	5	30		
Bromoform	84	89	76 - 133	5	30		
Isopropylbenzene	88	93	80 - 143	6	30		
1,1,2,2-Tetrachloroethane	79	86	86 - 145	8	30	F	
1,3-Dichlorobenzene	85	90	83 - 123	6	30		
1,4-Dichlorobenzene	82	91	84 - 124	11	30	F	
1,2-Dichlorobenzene	85	85	83 - 123	1	30		
1,2-Dibromo-3-Chloropropane	89	92	62 - 127	4	30		
1,2,4-Trichlorobenzene	105	121	62 - 144	14	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		101	57 - 135			
4-Bromofluorobenzene	96		98	50 - 124			
Toluene-d8 (Surr)	94		97	46 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-32125-1 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1337
Prep Date: 10/11/2011 1802
Leach Date: N/A

MSD Lab Sample ID: 460-32125-1
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1402
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	120	U	2360	2360	2400		2260	
Chloromethane	120	U	2360	2360	2310		2420	
Vinyl chloride	120	U	2360	2360	2430		2630	
Bromomethane	120	U	2360	2360	1690		1520	
Chloroethane	120	U	2360	2360	1350	F	1470	F
Trichlorofluoromethane	120	U	2360	2360	2070		2100	
1,1-Dichloroethene	120	U	2360	2360	1760		1770	
1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	2360	2360	2150		2230	
Acetone	1200	U	2360	2360	2410		2300	
Carbon disulfide	120	U	2360	2360	1770		1830	
Methyl acetate	240	U	2360	2360	2130		2140	
Methylene Chloride	120	U	2360	2360	1990		2000	
trans-1,2-Dichloroethene	120	U	2360	2360	1890		1970	
Methyl tert-butyl ether	120	U	2360	2360	2030		2060	
1,1-Dichloroethane	120	U	2360	2360	2030		2030	
cis-1,2-Dichloroethene	120	U	2360	2360	1970		2030	
2-Butanone (MEK)	1200	U	2360	2360	2290		2180	
Chloroform	120	U	2360	2360	2050		2090	
1,1,1-Trichloroethane	120	U	2360	2360	2000		2100	
Cyclohexane	120	U	2360	2360	2220		2290	
Carbon tetrachloride	120	U	2360	2360	2100		2140	
Benzene	120	U	2360	2360	1980		2040	
1,2-Dichloroethane	120	U	2360	2360	2070		2100	
Trichloroethene	120	U	2360	2360	2090		2080	
Methylcyclohexane	120	U	2360	2360	2340		2450	
1,2-Dichloropropane	120	U	2360	2360	2070		2060	
Dichlorobromomethane	120	U	2360	2360	2160		2130	
cis-1,3-Dichloropropene	120	U	2360	2360	1910		1980	
4-Methyl-2-pentanone (MIBK)	1200	U	2360	2360	2050		2150	
Toluene	120	U	2360	2360	2030		2150	
trans-1,3-Dichloropropene	120	U	2360	2360	1960		2070	
1,1,2-Trichloroethane	120	U	2360	2360	1920		2040	
Tetrachloroethene	120	U	2360	2360	2150		2210	
2-Hexanone	1200	U	2360	2360	1920		2070	
Chlorodibromomethane	120	U	2360	2360	1880		2020	
1,2-Dibromoethane	120	U	2360	2360	1940		2070	
Chlorobenzene	120	U	2360	2360	2060		2110	
Ethylbenzene	120	U	2360	2360	2030		2090	
Xylenes, Total	350	U	7090	7090	6180		6510	
Styrene	120	U	2360	2360	2070		2160	
Bromoform	120	U	2360	2360	1990		2100	
Isopropylbenzene	120	U	2360	2360	2080		2200	
1,1,2,2-Tetrachloroethane	120	U	2360	2360	1870	F	2020	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-32125-1 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1337
Prep Date: 10/11/2011 1802
Leach Date: N/A

MSD Lab Sample ID: 460-32125-1
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1402
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	120	U	2360	2360	2000	2120
1,4-Dichlorobenzene	120	U	2360	2360	1940 F	2160
1,2-Dichlorobenzene	120	U	2360	2360	2000	2010
1,2-Dibromo-3-Chloropropane	120	U	2360	2360	2100	2180
1,2,4-Trichlorobenzene	120	U	2360	2360	2470	2850

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89343

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-89343/4	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04556.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0604	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	100	U	28	100
Chloromethane	100	U	21	100
Vinyl chloride	100	U	12	100
Bromomethane	100	U	31	100
Chloroethane	100	U	45	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	29	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Methyl acetate	200	U	33	200
Methylene Chloride	100	U	19	100
trans-1,2-Dichloroethene	100	U	14	100
Methyl tert-butyl ether	100	U	19	100
1,1-Dichloroethane	100	U	10	100
cis-1,2-Dichloroethene	100	U	19	100
2-Butanone (MEK)	1000	U	82	1000
Chloroform	100	U	16	100
1,1,1-Trichloroethane	100	U	25	100
Cyclohexane	100	U	12	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
1,2-Dichloroethane	100	U	25	100
Trichloroethene	100	U	18	100
Methylcyclohexane	100	U	8.0	100
1,2-Dichloropropane	100	U	8.7	100
Dichlorobromomethane	100	U	9.0	100
cis-1,3-Dichloropropene	100	U	10	100
4-Methyl-2-pentanone (MIBK)	1000	U	68	1000
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
1,1,2-Trichloroethane	100	U	9.7	100
Tetrachloroethene	100	U	20	100
2-Hexanone	1000	U	55	1000
Chlorodibromomethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Chlorobenzene	100	U	17	100
Ethylbenzene	100	U	25	100
Xylenes, Total	300	U	43	300
Styrene	100	U	14	100
Bromoform	100	U	9.9	100
Isopropylbenzene	100	U	21	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89343

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-89343/4	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04556.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0604	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	100	U	16	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	57 - 135
4-Bromofluorobenzene	111	50 - 124
Toluene-d8 (Surr)	96	46 - 130

Method Blank TICs- Batch: 460-89343

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-89343

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-89343/3	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04553.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2000	1790	90	41 - 149	
Chloromethane	2000	2070	104	52 - 144	
Vinyl chloride	2000	1910	96	55 - 154	
Bromomethane	2000	1750	87	58 - 154	
Chloroethane	2000	1770	89	66 - 144	
Trichlorofluoromethane	2000	1880	94	60 - 148	
1,1-Dichloroethene	2000	1520	76	68 - 138	
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	1880	94	50 - 128	
Acetone	2000	2370	119	48 - 177	
Carbon disulfide	2000	1590	80	70 - 120	
Methyl acetate	2000	1720	86	72 - 165	
Methylene Chloride	2000	1680	84	78 - 118	
trans-1,2-Dichloroethene	2000	1610	81	73 - 119	
Methyl tert-butyl ether	2000	1720	86	65 - 143	
1,1-Dichloroethane	2000	1670	84	79 - 119	
cis-1,2-Dichloroethene	2000	1690	85	78 - 118	
2-Butanone (MEK)	2000	1600	80	70 - 139	
Chloroform	2000	1690	84	81 - 122	
1,1,1-Trichloroethane	2000	1690	84	78 - 118	
Cyclohexane	2000	2090	104	69 - 128	
Carbon tetrachloride	2000	1730	86	64 - 130	
Benzene	2000	1710	86	71 - 118	
1,2-Dichloroethane	2000	1690	84	81 - 121	
Trichloroethene	2000	1690	85	82 - 122	
Methylcyclohexane	2000	2610	131	80 - 134	
1,2-Dichloropropane	2000	1680	84	78 - 118	
Dichlorobromomethane	2000	1730	86	78 - 118	
cis-1,3-Dichloropropene	2000	1660	83	75 - 120	
4-Methyl-2-pentanone (MIBK)	2000	1910	96	69 - 124	
Toluene	2000	1770	89	79 - 136	
trans-1,3-Dichloropropene	2000	1730	86	73 - 118	
1,1,2-Trichloroethane	2000	1710	86	77 - 120	
Tetrachloroethene	2000	1870	93	78 - 136	
2-Hexanone	2000	1860	93	62 - 123	
Chlorodibromomethane	2000	1750	87	78 - 118	
1,2-Dibromoethane	2000	1750	87	76 - 120	
Chlorobenzene	2000	1710	86	69 - 124	
Ethylbenzene	2000	1730	86	78 - 124	
Xylenes, Total	6000	5500	92	78 - 126	
Styrene	2000	1740	87	73 - 126	
Bromoform	2000	1820	91	76 - 133	
Isopropylbenzene	2000	1970	99	80 - 143	
1,1,2,2-Tetrachloroethane	2000	1740	87	86 - 145	
1,3-Dichlorobenzene	2000	2010	100	83 - 123	
1,4-Dichlorobenzene	2000	1830	91	84 - 124	
1,2-Dichlorobenzene	2000	1900	95	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-89343

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-89343/3	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04553.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	2000	1890	94	62 - 127	
1,2,4-Trichlorobenzene	2000	2210	111	62 - 144	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	101		57 - 135		
4-Bromofluorobenzene	102		50 - 124		
Toluene-d8 (Surr)	101		46 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-88819

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-88819/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1148
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10765.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzaldehyde	330	U	21	330
Phenol	330	U	40	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
2,2'-oxybis[1-chloropropane]	330	U	43	330
Acetophenone	330	U	49	330
4-Methylphenol	330	U	54	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Hexachloroethane	33	U	5.6	33
Nitrobenzene	33	U	7.4	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
2,4-Dichlorophenol	330	U	53	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	55	330
2-Methylnaphthalene	330	U	48	330
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
1,1'-Biphenyl	330	U	54	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	90	670
Dimethyl phthalate	330	U	45	330
2,6-Dinitrotoluene	67	U	8.4	67
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
2,4-Dinitrophenol	1000	U	70	1000
4-Nitrophenol	1000	U	85	1000
Dibenzofuran	330	U	50	330
2,4-Dinitrotoluene	67	U	9.6	67
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000
N-Nitrosodiphenylamine	330	U	54	330
4-Bromophenyl phenyl ether	330	U	59	330
Hexachlorobenzene	33	U	4.6	33

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-88819

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-88819/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1148
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10765.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Atrazine	330	U	62	330
Pentachlorophenol	1000	U	160	1000
Phenanthrene	330	U	58	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Di-n-butyl phthalate	330	U	51	330
Fluoranthene	330	U	55	330
Pyrene	330	U	57	330
Butyl benzyl phthalate	330	U	39	330
3,3'-Dichlorobenzidine	670	U	73	670
Benzo[a]anthracene	33	U	6.1	33
Chrysene	330	U	48	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[a]pyrene	33	U	4.1	33
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
Benzo[g,h,i]perylene	330	U	35	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	75	10 - 120
2-Fluorobiphenyl	71	40 - 109
2-Fluorophenol (Surr)	72	37 - 125
Nitrobenzene-d5 (Surr)	74	38 - 105
Phenol-d5 (Surr)	73	41 - 118
Terphenyl-d14 (Surr)	77	16 - 151

Method Blank TICs- Batch: 460-88819

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.98	4880	A J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-88819

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-88819/2-A	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-88819	Lab File ID:	z10766.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1213	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	3650	109	10 - 160	
Phenol	6370	4690	74	54 - 115	
Bis(2-chloroethyl)ether	3330	2550	76	44 - 101	
2-Chlorophenol	6410	4910	77	56 - 110	
2-Methylphenol	6420	4960	77	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45 - 102	
Acetophenone	3340	2470	74	40 - 95	
4-Methylphenol	6420	4260	66	47 - 103	
N-Nitrosodi-n-propylamine	3330	2590	78	42 - 107	
Hexachloroethane	3330	2550	77	45 - 90	
Nitrobenzene	3330	2590	78	42 - 106	
Isophorone	3330	2640	79	48 - 97	
2-Nitrophenol	6440	5360	83	55 - 101	
2,4-Dimethylphenol	6410	5190	81	56 - 112	
Bis(2-chloroethoxy)methane	3330	2720	82	51 - 100	
2,4-Dichlorophenol	6450	5040	78	58 - 115	
Naphthalene	3330	2610	78	53 - 94	
4-Chloroaniline	3330	1830	55	10 - 96	
Hexachlorobutadiene	3330	2730	82	45 - 98	
Caprolactam	3340	2120	63	10 - 127	
4-Chloro-3-methylphenol	6440	5170	80	55 - 117	
2-Methylnaphthalene	3330	2650	80	51 - 98	
Hexachlorocyclopentadiene	3330	2340	70	24 - 98	
2,4,6-Trichlorophenol	6490	5380	83	53 - 118	
2,4,5-Trichlorophenol	6490	5340	82	50 - 115	
1,1'-Biphenyl	3340	2770	83	50 - 105	
2-Chloronaphthalene	3330	2640	79	51 - 102	
2-Nitroaniline	3330	2620	79	51 - 109	
Dimethyl phthalate	3330	2780	83	52 - 112	
2,6-Dinitrotoluene	3330	2760	83	51 - 115	
Acenaphthylene	3330	2580	77	51 - 103	
3-Nitroaniline	3330	1940	58	32 - 104	
Acenaphthene	3330	2750	83	46 - 100	
2,4-Dinitrophenol	6670	5910	89	10 - 129	
4-Nitrophenol	6670	5880	88	45 - 114	
Dibenzofuran	3330	2690	81	52 - 106	
2,4-Dinitrotoluene	3330	2770	83	53 - 110	
Diethyl phthalate	3330	2790	84	52 - 114	
Fluorene	3330	2720	82	51 - 108	
4-Chlorophenyl phenyl ether	3330	2770	83	50 - 106	
4-Nitroaniline	3330	2880	86	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5680	85	10 - 110	
N-Nitrosodiphenylamine	3330	2780	83	49 - 106	
4-Bromophenyl phenyl ether	3330	2770	83	44 - 102	
Hexachlorobenzene	3330	2840	85	43 - 104	
Atrazine	3330	2350	71	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-88819

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-88819/2-A	Analysis Batch:	460-89646	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-88819	Lab File ID:	z10766.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1213	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/08/2011 1615			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	5750	86	19 - 113	
Phenanthrene	3330	2800	84	48 - 108	
Anthracene	3330	2720	82	50 - 107	
Carbazole	3330	2770	83	49 - 104	
Di-n-butyl phthalate	3330	2860	86	50 - 108	
Fluoranthene	3330	2850	85	49 - 108	
Pyrene	3330	2480	74	49 - 116	
Butyl benzyl phthalate	3330	2680	80	49 - 117	
3,3'-Dichlorobenzidine	3330	2430	73	24 - 105	
Benzo[a]anthracene	3330	2750	82	46 - 112	
Chrysene	3330	2810	84	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2700	81	49 - 119	
Di-n-octyl phthalate	3330	2310	69	40 - 106	
Benzo[b]fluoranthene	3330	2670	80	33 - 96	
Benzo[k]fluoranthene	3330	2590	78	35 - 115	
Benzo[a]pyrene	3330	2570	77	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	3050	92	43 - 109	
Dibenz(a,h)anthracene	3330	2870	86	43 - 107	
Benzo[g,h,i]perylene	3330	2880	86	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	78	10 - 120
2-Fluorobiphenyl	77	40 - 109
2-Fluorophenol (Surr)	68	37 - 125
Nitrobenzene-d5 (Surr)	77	38 - 105
Phenol-d5 (Surr)	67	41 - 118
Terphenyl-d14 (Surr)	73	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88819

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32001-D-7-G MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1807
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10780.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32001-D-7-H MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1832
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10781.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	125	123	10 - 160	1	30		
Phenol	77	71	54 - 115	8	30		
Bis(2-chloroethyl)ether	77	75	44 - 101	3	30		
2-Chlorophenol	78	74	56 - 110	6	30		
2-Methylphenol	82	76	54 - 117	9	30		
2,2'-oxybis[1-chloropropane]	78	80	45 - 102	2	30		
Acetophenone	78	76	40 - 95	3	30		
4-Methylphenol	72	65	47 - 103	10	30		
N-Nitrosodi-n-propylamine	85	83	42 - 107	3	30		
Hexachloroethane	74	77	45 - 90	3	30		
Nitrobenzene	79	80	42 - 106	0	30		
Isophorone	88	88	48 - 97	1	30		
2-Nitrophenol	85	86	55 - 101	1	30		
2,4-Dimethylphenol	88	83	56 - 112	6	30		
Bis(2-chloroethoxy)methane	87	86	51 - 100	1	30		
2,4-Dichlorophenol	87	82	58 - 115	5	30		
Naphthalene	79	80	53 - 94	0	30		
4-Chloroaniline	55	54	10 - 96	2	30		
Hexachlorobutadiene	81	85	45 - 98	5	30		
Caprolactam	114	87	10 - 127	27	30		
4-Chloro-3-methylphenol	97	90	55 - 117	7	30		
2-Methylnaphthalene	84	83	51 - 98	2	30		
Hexachlorocyclopentadiene	36	36	24 - 98	0	30		
2,4,6-Trichlorophenol	92	87	53 - 118	6	30		
2,4,5-Trichlorophenol	91	87	50 - 115	5	30		
1,1'-Biphenyl	89	88	50 - 105	2	30		
2-Chloronaphthalene	84	82	51 - 102	2	30		
2-Nitroaniline	86	96	51 - 109	10	30		
Dimethyl phthalate	101	98	52 - 112	4	30		
2,6-Dinitrotoluene	98	94	51 - 115	4	30		
Acenaphthylene	83	82	51 - 103	2	30		
3-Nitroaniline	71	71	32 - 104	1	30		
Acenaphthene	88	86	46 - 100	3	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88819

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32001-D-7-G MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1807
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10780.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32001-D-7-H MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1832
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analysis Batch: 460-89646
Prep Batch: 460-88819
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10781.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-Dinitrophenol	88	84	10 - 129	4	30		
4-Nitrophenol	104	99	45 - 114	5	30		
Dibenzofuran	88	85	52 - 106	4	30		
2,4-Dinitrotoluene	99	98	53 - 110	1	30		
Diethyl phthalate	102	99	52 - 114	3	30		
Fluorene	90	87	51 - 108	3	30		
4-Chlorophenyl phenyl ether	92	91	50 - 106	2	30		
4-Nitroaniline	95	96	45 - 106	1	30		
4,6-Dinitro-2-methylphenol	91	89	10 - 110	2	30		
N-Nitrosodiphenylamine	95	89	49 - 106	7	30		
4-Bromophenyl phenyl ether	91	88	44 - 102	4	30		
Hexachlorobenzene	91	89	43 - 104	3	30		
Atrazine	84	83	30 - 100	2	30		
Pentachlorophenol	90	87	19 - 113	4	30		
Phenanthrene	91	88	48 - 108	3	30		
Anthracene	86	88	50 - 107	3	30		
Carbazole	90	92	49 - 104	2	30		
Di-n-butyl phthalate	101	100	50 - 108	1	30		
Fluoranthene	89	93	49 - 108	4	30		
Pyrene	79	71	49 - 116	11	30		
Butyl benzyl phthalate	94	83	49 - 117	12	30		
3,3'-Dichlorobenzidine	89	88	24 - 105	1	30		
Benzo[a]anthracene	90	86	46 - 112	5	30		
Chrysene	91	86	45 - 114	6	30		
Bis(2-ethylhexyl) phthalate	92	84	49 - 119	10	30		
Di-n-octyl phthalate	76	71	40 - 106	7	30		
Benzo[b]fluoranthene	83	81	33 - 96	3	30		
Benzo[k]fluoranthene	84	80	35 - 115	5	30		
Benzo[a]pyrene	84	82	36 - 89	3	30		
Indeno[1,2,3-cd]pyrene	115	109	43 - 109	6	30	F	
Dibenz(a,h)anthracene	108	102	43 - 107	5	30	F	
Benzo[g,h,i]perylene	115	112	43 - 106	3	30	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87	87	10 - 120
2-Fluorobiphenyl	84	83	40 - 109
2-Fluorophenol (Surr)	69	66	37 - 125
Nitrobenzene-d5 (Surr)	79	82	38 - 105
Phenol-d5 (Surr)	70	66	41 - 118
Terphenyl-d14 (Surr)	80	72	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88819**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-32001-D-7-G MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1807
Prep Date: 10/08/2011 1615
Leach Date: N/A

MSD Lab Sample ID: 460-32001-D-7-H MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1832
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	410	U	4160	4150	5180	5120
Phenol	410	U	7950	7930	6120	5630
Bis(2-chloroethyl)ether	41	U	4160	4150	3210	3100
2-Chlorophenol	410	U	7990	7970	6240	5890
2-Methylphenol	410	U	8010	7990	6610	6050
2,2'-oxybis[1-chloropropane]	410	U	4160	4150	3240	3300
Acetophenone	410	U	4160	4150	3240	3150
4-Methylphenol	410	U	8010	7990	5740	5180
N-Nitrosodi-n-propylamine	41	U	4160	4150	3550	3430
Hexachloroethane	41	U	4160	4150	3100	3190
Nitrobenzene	41	U	4160	4150	3280	3300
Isophorone	410	U	4160	4150	3660	3640
2-Nitrophenol	410	U	8040	8010	6870	6910
2,4-Dimethylphenol	410	U	8000	7980	7040	6610
Bis(2-chloroethoxy)methane	410	U	4160	4150	3620	3580
2,4-Dichlorophenol	410	U	8050	8030	6970	6620
Naphthalene	410	U	4160	4150	3310	3320
4-Chloroaniline	410	U	4160	4150	2300	2260
Hexachlorobutadiene	83	U	4160	4150	3370	3540
Caprolactam	410	U	4160	4150	4750	3600
4-Chloro-3-methylphenol	410	U	8040	8020	7770	7220
2-Methylnaphthalene	410	U	4160	4150	3490	3420
Hexachlorocyclopentadiene	410	U	4160	4150	1490	1490
2,4,6-Trichlorophenol	410	U	8100	8080	7450	7010
2,4,5-Trichlorophenol	410	U	8100	8080	7340	7000
1,1'-Biphenyl	410	U	4160	4150	3720	3640
2-Chloronaphthalene	410	U	4160	4150	3490	3420
2-Nitroaniline	830	U	4160	4150	3590	3970
Dimethyl phthalate	410	U	4160	4150	4220	4060
2,6-Dinitrotoluene	83	U	4160	4150	4070	3900
Acenaphthylene	410	U	4160	4150	3460	3390
3-Nitroaniline	830	U	4160	4150	2960	2940
Acenaphthene	410	U	4160	4150	3670	3560
2,4-Dinitrophenol	1200	U	8320	8300	7300	6980
4-Nitrophenol	1200	U	8320	8300	8620	8240
Dibenzofuran	410	U	4160	4150	3670	3520
2,4-Dinitrotoluene	83	U	4160	4150	4130	4080
Diethyl phthalate	410	U	4160	4150	4220	4110
Fluorene	410	U	4160	4150	3720	3600
4-Chlorophenyl phenyl ether	410	U	4160	4150	3830	3760
4-Nitroaniline	830	U	4160	4150	3940	4000
4,6-Dinitro-2-methylphenol	1200	U	8320	8300	7560	7390
N-Nitrosodiphenylamine	410	U	4160	4150	3950	3700

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88819**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-32001-D-7-G MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1807
Prep Date: 10/08/2011 1615
Leach Date: N/A

MSD Lab Sample ID: 460-32001-D-7-H MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1832
Prep Date: 10/08/2011 1615
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	410	U	4160	4150	3790	3630
Hexachlorobenzene	41	U	4160	4150	3800	3680
Atrazine	410	U	4160	4150	3480	3420
Pentachlorophenol	1200	U	8320	8300	7470	7200
Phenanthrene	410	U	4160	4150	3770	3650
Anthracene	410	U	4160	4150	3560	3660
Carbazole	410	U	4160	4150	3760	3820
Di-n-butyl phthalate	410	U	4160	4150	4200	4150
Fluoranthene	410	U	4160	4150	3710	3850
Pyrene	410	U	4160	4150	3290	2950
Butyl benzyl phthalate	180	J	4160	4150	4090	3610
3,3'-Dichlorobenzidine	830	U	4160	4150	3700	3670
Benzo[a]anthracene	41	U	4160	4150	3740	3550
Chrysene	410	U	4160	4150	3780	3570
Bis(2-ethylhexyl) phthalate	120	J	4160	4150	3960	3600
Di-n-octyl phthalate	410	U	4160	4150	3150	2950
Benzo[b]fluoranthene	41	U	4160	4150	3450	3340
Benzo[k]fluoranthene	41	U	4160	4150	3500	3330
Benzo[a]pyrene	41	U	4160	4150	3510	3400
Indeno[1,2,3-cd]pyrene	41	U	4160	4150	4780	F 4510
Dibenz(a,h)anthracene	41	U	4160	4150	4470	F 4240
Benzo[g,h,i]perylene	410	U	4160	4150	4800	F 4670 F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89955

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-89982	Instrument ID:	VOAGC3
Client Matrix:	Solid	Prep Batch:	460-89955	Lab File ID:	ifid0776.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.22 g
Analysis Date:	10/19/2011 0433			Final Weight/Volume:	10 mL
Prep Date:	10/18/2011 1923			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-89982	Instrument ID:	VOAGC3
Client Matrix:	Solid	Prep Batch:	460-89955	Lab File ID:	ifid0777.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.71 g
Analysis Date:	10/19/2011 0458			Final Weight/Volume:	10 mL
Prep Date:	10/18/2011 1925			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
GRO	122	119	26 - 123	11	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
a,a,a-Trifluorotoluene	123		122	68 - 143			

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89955

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	460-32125-8	Units:	ug/Kg	MSD Lab Sample ID:	460-32125-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	10/19/2011 0433			Analysis Date:	10/19/2011 0458
Prep Date:	10/18/2011 1923			Prep Date:	10/18/2011 1925
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
GRO	2400 U	19200	17500	23300	20900

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89982

Method: 8015B Preparation: N/A

Lab Sample ID:	MB 460-89982/3	Analysis Batch:	460-89982	Instrument ID:	VOAGC3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	ifid0762.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/18/2011 2252	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
GRO	2500	U	510	2500
Surrogate	% Rec		Acceptance Limits	
a,a,a-Trifluorotoluene	82		68 - 143	
Surrogate	% Rec		Acceptance Limits	
a,a,a-Trifluorotoluene	111		68 - 143	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-90025

Method: 8015B
Preparation: 3546

Lab Sample ID: MB 460-90025/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/24/2011 0343
Prep Date: 10/19/2011 1029
Leach Date: N/A

Analysis Batch: 460-90459
Prep Batch: 460-90025
Leach Batch: N/A
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcf48219.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL	RL
Diesel Range Organics [C10-C28]	6.7	U	6.7	6.7

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	101	43 - 119

Lab Control Sample - Batch: 460-90025

Method: 8015B
Preparation: 3546

Lab Sample ID: LCS 460-90025/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/24/2011 0358
Prep Date: 10/19/2011 1029
Leach Date: N/A

Analysis Batch: 460-90459
Prep Batch: 460-90025
Leach Batch: N/A
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcf48220.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	167	183	110	62 - 116	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	117	43 - 119

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-90025

Method: 8015B
Preparation: 3546

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-90459	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-90025	Lab File ID:	gcf48221.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	10/24/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	10/19/2011 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-90459	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-90025	Lab File ID:	gcf48222.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/24/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	10/19/2011 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	87	84	62 - 116	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
o-Terphenyl	182		X	90	43 - 119		

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-90025

Method: 8015B
Preparation: 3546

MS Lab Sample ID:	460-32125-8	Units:	mg/Kg	MSD Lab Sample ID:	460-32125-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/24/2011 0425			Analysis Date:	10/24/2011 0425
Prep Date:	10/19/2011 1029			Prep Date:	10/19/2011 1029
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel Range Organics [C10-C28]	25	167	167	170	165

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-88837

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-88837/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 1704
Prep Date: 10/10/2011 0353
Leach Date: N/A

Analysis Batch: 460-89222
Prep Batch: 460-88837
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WR694148.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.2	6.7
beta-BHC	6.7	U	0.91	6.7
delta-BHC	6.7	U	1.0	6.7
gamma-BHC (Lindane)	6.7	U	0.78	6.7
Heptachlor	6.7	U	0.96	6.7
Aldrin	6.7	U	1.5	6.7
Heptachlor epoxide	6.7	U	1.4	6.7
Endosulfan I	6.7	U	1.4	6.7
Dieldrin	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
Endrin	6.7	U	0.94	6.7
Endosulfan II	6.7	U	1.0	6.7
4,4'-DDD	6.7	U	0.80	6.7
Endosulfan sulfate	6.7	U	0.86	6.7
4,4'-DDT	6.7	U	0.84	6.7
Methoxychlor	6.7	U	0.75	6.7
Endrin ketone	6.7	U	0.99	6.7
Endrin aldehyde	6.7	U	1.7	6.7
alpha-Chlordane	6.7	U	1.4	6.7
gamma-Chlordane	6.7	U	1.4	6.7
Toxaphene	67	U	14	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	141	53 - 150
Tetrachloro-m-xylene	108	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	135	53 - 150
Tetrachloro-m-xylene	108	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-88837

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-88837/2-A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WR694106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 0718	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	127	95	58 - 138	
beta-BHC	133	123	92	60 - 139	
delta-BHC	133	131	98	60 - 141	
gamma-BHC (Lindane)	133	129	97	58 - 136	
Heptachlor	133	128	96	58 - 137	
Aldrin	133	127	95	58 - 143	
Heptachlor epoxide	133	126	94	59 - 136	
Endosulfan I	133	126	95	60 - 138	
Dieldrin	133	129	97	55 - 128	
4,4'-DDE	133	129	97	58 - 150	
Endrin	133	144	108	61 - 150	
Endosulfan II	133	129	97	59 - 133	
4,4'-DDD	133	131	98	63 - 150	
Endosulfan sulfate	133	131	98	56 - 133	
4,4'-DDT	133	137	103	57 - 150	
Methoxychlor	133	146	109	42 - 150	
Endrin ketone	133	132	99	62 - 139	
Endrin aldehyde	133	119	89	55 - 122	
alpha-Chlordane	133	122	91	49 - 143	
gamma-Chlordane	133	123	92	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		126		53 - 150	
Tetrachloro-m-xylene		101		40 - 150	

Lab Control Sample - Batch: 460-88837

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-88837/2-A	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WF694106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 0718	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	126	95	58 - 138	
beta-BHC	133	119	89	60 - 139	
delta-BHC	133	129	97	60 - 141	
gamma-BHC (Lindane)	133	126	95	58 - 136	
Heptachlor	133	119	90	58 - 137	
Aldrin	133	124	93	58 - 143	
Heptachlor epoxide	133	123	93	59 - 136	
Endosulfan I	133	125	93	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-88837

Method: 8081A
Preparation: 3541

Lab Sample ID: LCS 460-88837/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 0718
Prep Date: 10/10/2011 0353
Leach Date: N/A

Analysis Batch: 460-89205
Prep Batch: 460-88837
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WR694106.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	128	96	55 - 128	
4,4'-DDE	133	129	97	58 - 150	
Endrin	133	135	101	61 - 150	
Endosulfan II	133	124	93	59 - 133	
4,4'-DDD	133	128	96	63 - 150	
Endosulfan sulfate	133	124	93	56 - 133	
4,4'-DDT	133	126	95	57 - 150	
Methoxychlor	133	121	91	42 - 150	
Endrin ketone	133	124	93	62 - 139	
Endrin aldehyde	133	115	86	55 - 122	
alpha-Chlordane	133	121	91	49 - 143	
gamma-Chlordane	133	122	91	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		126		53 - 150	
Tetrachloro-m-xylene		96		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88837

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WF694107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 0732			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WF694108.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/11/2011 0746			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	72	70	58 - 138	3	30		
beta-BHC	67	67	60 - 139	0	30		
delta-BHC	73	70	60 - 141	5	30		
gamma-BHC (Lindane)	72	70	58 - 136	2	30		
Heptachlor	72	70	58 - 137	3	30		
Aldrin	71	69	58 - 143	3	30		
Heptachlor epoxide	70	68	59 - 136	3	30		
Endosulfan I	71	69	60 - 138	3	30		
Dieldrin	73	71	55 - 128	3	30		
4,4'-DDE	72	71	58 - 150	2	30		
Endrin	81	79	61 - 150	3	30		
Endosulfan II	73	71	59 - 133	4	30		
4,4'-DDD	73	72	63 - 150	3	30		
Endosulfan sulfate	79	74	56 - 133	7	30		
4,4'-DDT	77	75	57 - 150	3	30		
Methoxychlor	92	87	42 - 150	6	30		
Endrin ketone	75	72	62 - 139	5	30		
Endrin aldehyde	66	62	55 - 122	7	30		
alpha-Chlordane	69	67	49 - 143	3	30		
gamma-Chlordane	70	68	45 - 147	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	86		84	53 - 150			
Tetrachloro-m-xylene	71		69	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88837

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WR694107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 0732			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-89205	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-88837	Lab File ID:	WR694108.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/11/2011 0746			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	71	69	58 - 138	3	30		
beta-BHC	66	65	60 - 139	1	30		
delta-BHC	72	69	60 - 141	5	30		
gamma-BHC (Lindane)	71	70	58 - 136	3	30		
Heptachlor	67	65	58 - 137	3	30		
Aldrin	69	67	58 - 143	3	30		
Heptachlor epoxide	70	68	59 - 136	3	30		
Endosulfan I	70	69	60 - 138	2	30		
Dieldrin	71	69	55 - 128	2	30		
4,4'-DDE	71	70	58 - 150	2	30		
Endrin	75	70	61 - 150	6	30		
Endosulfan II	69	66	59 - 133	4	30		
4,4'-DDD	70	70	63 - 150	1	30		
Endosulfan sulfate	68	66	56 - 133	4	30		
4,4'-DDT	69	68	57 - 150	2	30		
Methoxychlor	65	65	42 - 150	1	30		
Endrin ketone	69	66	62 - 139	5	30		
Endrin aldehyde	63	60	55 - 122	6	30		
alpha-Chlordane	67	66	49 - 143	3	30		
gamma-Chlordane	68	66	45 - 147	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	85		83	53 - 150			
Tetrachloro-m-xylene	68		65	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88837**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32125-8 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 0732
Prep Date: 10/10/2011 0353
Leach Date: N/A

MSD Lab Sample ID: 460-32125-8
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 0746
Prep Date: 10/10/2011 0353
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	6.7	U	133	133	95.8	92.6
beta-BHC	6.7	U	133	133	89.0	88.7
delta-BHC	6.7	U	133	133	97.0	92.4
gamma-BHC (Lindane)	6.7	U	133	133	95.6	93.4
Heptachlor	6.7	U	133	133	95.7	93.0
Aldrin	6.7	U	133	133	94.7	91.8
Heptachlor epoxide	6.7	U	133	133	93.2	90.5
Endosulfan I	6.7	U	133	133	94.1	91.6
Dieldrin	6.7	U	133	133	97.5	94.6
4,4'-DDE	6.7	U	133	133	96.5	94.6
Endrin	6.7	U	133	133	108	104
Endosulfan II	6.7	U	133	133	97.5	93.8
4,4'-DDD	6.7	U	133	133	97.7	95.2
Endosulfan sulfate	6.7	U	133	133	106	98.5
4,4'-DDT	6.7	U	133	133	102	99.4
Methoxychlor	6.7	U	133	133	123	116
Endrin ketone	6.7	U	133	133	100	95.6
Endrin aldehyde	6.7	U	133	133	88.6	82.5
alpha-Chlordane	6.7	U	133	133	92.2	89.3
gamma-Chlordane	6.7	U	133	133	93.4	90.8

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88837**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32125-8 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 0732
Prep Date: 10/10/2011 0353
Leach Date: N/A

MSD Lab Sample ID: 460-32125-8
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 0746
Prep Date: 10/10/2011 0353
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	6.7	U	133	133	94.9	91.7
beta-BHC	6.7	U	133	133	87.9	86.7
delta-BHC	6.7	U	133	133	96.5	91.7
gamma-BHC (Lindane)	6.7	U	133	133	95.1	92.4
Heptachlor	6.7	U	133	133	89.5	86.8
Aldrin	6.7	U	133	133	92.1	89.3
Heptachlor epoxide	6.7	U	133	133	93.0	90.5
Endosulfan I	6.7	U	133	133	93.0	91.2
Dieldrin	6.7	U	133	133	94.2	92.0
4,4'-DDE	6.7	U	133	133	94.6	92.6
Endrin	6.7	U	133	133	99.8	93.6
Endosulfan II	6.7	U	133	133	91.6	87.5
4,4'-DDD	6.7	U	133	133	92.8	93.5
Endosulfan sulfate	6.7	U	133	133	91.0	87.7
4,4'-DDT	6.7	U	133	133	92.0	90.6
Methoxychlor	6.7	U	133	133	86.9	86.2
Endrin ketone	6.7	U	133	133	92.6	88.2
Endrin aldehyde	6.7	U	133	133	84.4	79.7
alpha-Chlordane	6.7	U	133	133	89.9	87.2
gamma-Chlordane	6.7	U	133	133	90.1	87.7

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-88836

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-88836/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/10/2011 1252
Prep Date: 10/10/2011 0252
Leach Date: N/A

Analysis Batch: 460-89063
Prep Batch: 460-88836
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC7
Lab File ID: or178333.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	67	U	13	67
PCB-1221	67	U	20	67
PCB-1232	67	U	38	67
PCB-1242	67	U	13	67
PCB-1248	67	U	18	67
PCB-1254	67	U	23	67
PCB-1260	67	U	7.5	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	101	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Control Sample - Batch: 460-88836

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-88836/2-A	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	or178334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/10/2011 1309	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	355	106	60 - 144	
PCB-1260	333	319	96	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	119		30 - 150		

Lab Control Sample - Batch: 460-88836

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-88836/2-A	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	of178334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/10/2011 1309	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	319	96	60 - 144	
PCB-1260	333	290	87	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	99		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88836**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	or178336.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	10/10/2011 1342			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	or178337.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/10/2011 1358			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	98	91	60 - 144	7	30		
PCB-1260	90	84	63 - 143	6	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	123		116	30 - 150			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88836**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-32125-8	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	of178336.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	10/10/2011 1342			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-32125-8	Analysis Batch:	460-89063	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-88836	Lab File ID:	of178337.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/10/2011 1358			Final Weight/Volume:	10 mL
Prep Date:	10/10/2011 0252			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	89	84	60 - 144	5	30		
PCB-1260	84	78	63 - 143	6	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	102		95	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88836**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-32125-8 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/10/2011 1342
Prep Date: 10/10/2011 0252
Leach Date: N/A

MSD Lab Sample ID: 460-32125-8
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/10/2011 1358
Prep Date: 10/10/2011 0252
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	67	U	333	333	326	303
PCB-1260	67	U	333	333	298	280

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88836**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-32125-8 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/10/2011 1342
Prep Date: 10/10/2011 0252
Leach Date: N/A

MSD Lab Sample ID: 460-32125-8
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/10/2011 1358
Prep Date: 10/10/2011 0252
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	67	U	333	333	295	280
PCB-1260	67	U	333	333	278	262

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-89665/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 10/16/2011 1651
Prep Date: 10/15/2011 1732
Leach Date: N/A

Analysis Batch: 460-89684
Prep Batch: 460-89665
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: duo101611.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	7.3	20.0
Antimony	1.0	U	0.44	1.0
Arsenic	0.50	U	0.35	0.50
Barium	20.0	U	0.60	20.0
Beryllium	0.20	U	0.088	0.20
Cadmium	0.50	U	0.078	0.50
Calcium	500	U	13.1	500
Chromium	1.0	U	0.59	1.0
Cobalt	5.0	U	0.61	5.0
Copper	2.5	U	0.41	2.5
Iron	15.0	U	5.3	15.0
Lead	0.50	U	0.25	0.50
Magnesium	500	U	5.3	500
Manganese	1.5	U	0.56	1.5
Nickel	4.0	U	0.27	4.0
Potassium	500	U	22.6	500
Selenium	1.0	U	0.47	1.0
Silver	1.0	U	0.076	1.0
Sodium	500	U	30.7	500
Thallium	1.0	U	0.48	1.0
Vanadium	5.0	U	0.26	5.0
Zinc	3.0	U	0.49	3.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

LCS-Certified Reference Material - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 460-89665/2-A
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 10/16/2011 1655
 Prep Date: 10/15/2011 1732
 Leach Date: N/A

Analysis Batch: 460-89684
 Prep Batch: 460-89665
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: duo101611.asc
 Initial Weight/Volume: 1.03 g
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10200	8089	79	46.1 - 154	
Antimony	65.4	175.9	269	32.0 - 353	
Arsenic	101	94.21	93	69.7 - 131	
Barium	192	181.2	94	73.2 - 126	
Beryllium	75.3	74.39	99	74.0 - 126	
Cadmium	58.9	58.00	98	73.3 - 127	
Calcium	9580	9992	104	75.4 - 125	
Chromium	229	232.6	102	70.8 - 129	
Cobalt	88.5	91.42	103	74.4 - 126	
Copper	169	166.0	98	75.3 - 124	
Iron	17500	17810	102	42.1 - 158	
Lead	83.5	82.19	98	69.8 - 130	
Magnesium	3880	3654	94	69.5 - 131	
Manganese	542	576.9	106	77.4 - 123	
Nickel	130	134.4	103	73.2 - 127	
Potassium	4170	3870	93	65.3 - 135	
Selenium	278	258.1	93	69.6 - 130	
Silver	29.2	28.12	96	65.1 - 135	
Sodium	990	918.3	93	60.2 - 139	J
Thallium	117	125.1	106	67.8 - 133	
Vanadium	112	111.9	100	67.6 - 132	
Zinc	577	567.8	98	73.6 - 127	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Matrix Spike - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-32125-8	Analysis Batch:	460-89684	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	10/16/2011 1623	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	166		196	607.8	225	75 - 125	F
Antimony	2.0	U	49.0	44.27	90	75 - 125	
Arsenic	0.74	J	196	171.1	87	75 - 125	
Barium	39.6	U	196	188.6	96	75 - 125	
Beryllium	0.40	U	4.90	4.66	95	75 - 125	
Cadmium	0.99	U	4.90	4.64	95	75 - 125	
Calcium	60.3	J	1960	1996	99	75 - 125	
Chromium	2.3		19.6	21.47	98	75 - 125	
Cobalt	9.9	U	49.0	47.06	96	75 - 125	
Copper	5.0	U	24.5	24.14	98	75 - 125	
Iron	1510		98.0	1601	92	75 - 125	4
Lead	1.2		49.0	49.47	98	75 - 125	
Magnesium	33.2	J	1960	1890	95	75 - 125	
Manganese	1.3	J	49.0	51.35	102	75 - 125	
Nickel	7.9	U	49.0	47.98	98	75 - 125	
Potassium	990	U	1960	1839	94	75 - 125	
Selenium	2.0	U	196	167.7	86	75 - 125	
Silver	2.0	U	4.90	4.52	92	75 - 125	
Sodium	990	U	1960	1812	92	75 - 125	
Thallium	2.0	U	196	196.1	100	75 - 125	
Vanadium	2.0	J	49.0	48.16	94	75 - 125	
Zinc	5.9	U	49.0	46.35	95	75 - 125	

Post Digestion Spike - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-32125-8	Analysis Batch:	460-89684	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	10/16/2011 1641	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	166		396	531.3	92	75 - 125	
Antimony	2.0	U	99.0	89.72	91	75 - 125	
Arsenic	0.74	J	396	353.9	89	75 - 125	
Barium	39.6	U	396	374.5	95	75 - 125	
Beryllium	0.40	U	9.90	9.31	94	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Post Digestion Spike - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-32125-8	Analysis Batch:	460-89684	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-89665	Lab File ID:	duo101611.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	10/16/2011 1641	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/15/2011 1732				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.99	U	9.90	9.35	94	75 - 125	
Calcium	60.3	J	3960	3933	98	75 - 125	
Chromium	2.3		39.6	40.85	97	75 - 125	
Cobalt	9.9	U	99.0	94.00	95	75 - 125	
Copper	5.0	U	49.5	47.31	96	75 - 125	
Iron	1510		198	1692	92	75 - 125	
Lead	1.2		99.0	96.99	97	75 - 125	
Magnesium	33.2	J	3960	3788	95	75 - 125	
Manganese	1.3	J	99.0	102.1	102	75 - 125	
Nickel	7.9	U	99.0	95.47	96	75 - 125	
Potassium	990	U	3960	3657	92	75 - 125	
Selenium	2.0	U	396	345.9	87	75 - 125	
Silver	2.0	U	9.90	7.42	75	75 - 125	
Sodium	990	U	3960	3622	91	75 - 125	
Thallium	2.0	U	396	396.8	100	75 - 125	
Vanadium	2.0	J	99.0	95.84	95	75 - 125	
Zinc	5.9	U	99.0	93.23	94	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Duplicate - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32125-8

Analysis Batch: 460-89684

Instrument ID: ICP4

Client Matrix: Solid

Prep Batch: 460-89665

Lab File ID: duo101611.asc

Dilution: 4.0

Leach Batch: N/A

Initial Weight/Volume: 1.01 g

Analysis Date: 10/16/2011 1612

Units: mg/Kg

Final Weight/Volume: 50 mL

Prep Date: 10/15/2011 1732

Leach Date: N/A

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	166		200.8	19	20	
Antimony	2.0	U	2.0	NC	20	U
Arsenic	0.74	J	0.869	15	20	J
Barium	39.6	U	39.6	NC	20	U
Beryllium	0.40	U	0.40	NC	20	U
Cadmium	0.99	U	0.99	NC	20	U
Calcium	60.3	J	106.9	56	20	J
Chromium	2.3		2.74	19	20	
Cobalt	9.9	U	9.9	NC	20	U
Copper	5.0	U	5.0	NC	20	U
Iron	1510		1813	18	20	
Lead	1.2		1.32	7	20	
Magnesium	33.2	J	45.09	30	20	J
Manganese	1.3	J	1.66	27	20	J
Nickel	7.9	U	7.9	NC	20	U
Potassium	990	U	990	NC	20	U
Selenium	2.0	U	2.0	NC	20	U
Silver	2.0	U	2.0	NC	20	U
Sodium	990	U	990	NC	20	U
Thallium	2.0	U	2.0	NC	20	U
Vanadium	2.0	J	2.13	5	20	J
Zinc	5.9	U	5.9	NC	20	U

Serial Dilution - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32125-8

Analysis Batch: 460-89684

Instrument ID: ICP4

Client Matrix: Solid

Prep Batch: 460-89665

Lab File ID: duo101611.asc

Dilution: 20

Leach Batch: N/A

Initial Weight/Volume: 1.01 g

Analysis Date: 10/16/2011 1619

Units: mg/Kg

Final Weight/Volume: 50 mL

Prep Date: 10/15/2011 1732

Leach Date: N/A

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	166		157.8	NC	10	J
Antimony	2.0	U	9.9	NC	10	U
Arsenic	0.74	J	5.0	NC	10	U
Barium	39.6	U	198	NC	10	U
Beryllium	0.40	U	2.0	NC	10	U
Cadmium	0.99	U	5.0	NC	10	U
Calcium	60.3	J	4950	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Serial Dilution - Batch: 460-89665

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32125-8

Analysis Batch: 460-89684

Instrument ID: ICP4

Client Matrix: Solid

Prep Batch: 460-89665

Lab File ID: duo101611.asc

Dilution: 20

Leach Batch: N/A

Initial Weight/Volume: 1.01 g

Analysis Date: 10/16/2011 1619

Units: mg/Kg

Final Weight/Volume: 50 mL

Prep Date: 10/15/2011 1732

Leach Date: N/A

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	2.3		9.9	NC	10	U
Cobalt	9.9	U	49.5	NC	10	U
Copper	5.0	U	24.8	NC	10	U
Iron	1510		1518	0.43	10	
Lead	1.2		5.0	NC	10	U
Magnesium	33.2	J	4950	NC	10	U
Manganese	1.3	J	14.9	NC	10	U
Nickel	7.9	U	39.6	NC	10	U
Potassium	990	U	4950	NC	10	U
Selenium	2.0	U	9.9	NC	10	U
Silver	2.0	U	9.9	NC	10	U
Sodium	990	U	4950	NC	10	U
Thallium	2.0	U	9.9	NC	10	U
Vanadium	2.0	J	49.5	NC	10	U
Zinc	5.9	U	29.7	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89271

Method: 7471A Preparation: 7471A

Lab Sample ID: MB 460-89271/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2028
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.033	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-89271

Method: 7471A Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 10/12/2011 2029
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.73	103	51.3 - 149	

Matrix Spike - Batch: 460-89271

Method: 7471A Preparation: 7471A

Lab Sample ID: 460-32275-A-6-J MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2035
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.14	0.490	0.612	97	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Duplicate - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32275-A-6-I DU
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2033
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.14	0.141	2	20	

Serial Dilution - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32275-A-6-H SD ^5
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 10/12/2011 2126
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.14	0.48	NC		U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Method Blank - Batch: 460-89273

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 460-89273/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2133
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89273
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.033	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-89273

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 10/12/2011 2135
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89273
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	9.22	109	51.3 - 149	

Matrix Spike - Batch: 460-89273

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32121-A-22-D MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2140
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89273
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.039 U	0.197	0.207	105	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Duplicate - Batch: 460-89273

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-32121-A-22-C DU	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/12/2011 2138	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.039 U	0.039	NC	20	U

Serial Dilution - Batch: 460-89273

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-32121-A-22-B SD	Analysis Batch:	460-89287	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-89273	Lab File ID:	101211.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/12/2011 2213	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/12/2011 1800				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.039 U	0.19	NC		U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Duplicate - Batch: 460-88990

Method: Moisture Preparation: N/A

Lab Sample ID:	460-32125-7	Analysis Batch:	460-88990	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/11/2011 0049	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	20.7	22.5	8	20	
Percent Solids	79.3	77.5	2	20	

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-89121					
460-32125-1	SO-17338-100511-MM-140	T	Solid	5035	
460-32125-1MS	Matrix Spike	T	Solid	5035	
460-32125-1MSD	Matrix Spike Duplicate	T	Solid	5035	
460-32125-2	SO-17338-100511-MM-141	T	Solid	5035	
460-32125-3	SO-17338-100511-MM-142	T	Solid	5035	
460-32125-4	SO-17338-100511-MM-143	T	Solid	5035	
460-32125-5	SO-17338-100511-MM-144	T	Solid	5035	
460-32125-6	SO-17338-100511-MM-145	T	Solid	5035	
460-32125-7	SO-17338-100511-MM-146	T	Solid	5035	
460-32125-8	FB-17338-100511-MM-147	T	Solid	5035	
460-32125-9	TB-17338-100511-MM-148	T	Solid	5035	
Analysis Batch:460-89343					
LCS 460-89343/3	Lab Control Sample	T	Solid	8260B	
MB 460-89343/4	Method Blank	T	Solid	8260B	
460-32125-1	SO-17338-100511-MM-140	T	Solid	8260B	460-89121
460-32125-1MS	Matrix Spike	T	Solid	8260B	460-89121
460-32125-1MSD	Matrix Spike Duplicate	T	Solid	8260B	460-89121
460-32125-2	SO-17338-100511-MM-141	T	Solid	8260B	460-89121
460-32125-3	SO-17338-100511-MM-142	T	Solid	8260B	460-89121
460-32125-4	SO-17338-100511-MM-143	T	Solid	8260B	460-89121
460-32125-5	SO-17338-100511-MM-144	T	Solid	8260B	460-89121
460-32125-6	SO-17338-100511-MM-145	T	Solid	8260B	460-89121
460-32125-7	SO-17338-100511-MM-146	T	Solid	8260B	460-89121
460-32125-8	FB-17338-100511-MM-147	T	Solid	8260B	460-89121
460-32125-9	TB-17338-100511-MM-148	T	Solid	8260B	460-89121

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-88819					
LCS 460-88819/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88819/1-A	Method Blank	T	Solid	3541	
460-32001-D-7-G MS	Matrix Spike	T	Solid	3541	
460-32001-D-7-H MSD	Matrix Spike Duplicate	T	Solid	3541	
460-32125-1	SO-17338-100511-MM-140	T	Solid	3541	
460-32125-2	SO-17338-100511-MM-141	T	Solid	3541	
460-32125-3	SO-17338-100511-MM-142	T	Solid	3541	
460-32125-4	SO-17338-100511-MM-143	T	Solid	3541	
460-32125-5	SO-17338-100511-MM-144	T	Solid	3541	
460-32125-6	SO-17338-100511-MM-145	T	Solid	3541	
460-32125-7	SO-17338-100511-MM-146	T	Solid	3541	
460-32125-8	FB-17338-100511-MM-147	T	Solid	3541	
Analysis Batch:460-89646					
LCS 460-88819/2-A	Lab Control Sample	T	Solid	8270C	460-88819
MB 460-88819/1-A	Method Blank	T	Solid	8270C	460-88819
460-32001-D-7-G MS	Matrix Spike	T	Solid	8270C	460-88819
460-32001-D-7-H MSD	Matrix Spike Duplicate	T	Solid	8270C	460-88819
460-32125-1	SO-17338-100511-MM-140	T	Solid	8270C	460-88819
460-32125-2	SO-17338-100511-MM-141	T	Solid	8270C	460-88819
460-32125-3	SO-17338-100511-MM-142	T	Solid	8270C	460-88819
460-32125-4	SO-17338-100511-MM-143	T	Solid	8270C	460-88819
460-32125-6	SO-17338-100511-MM-145	T	Solid	8270C	460-88819
460-32125-7	SO-17338-100511-MM-146	T	Solid	8270C	460-88819
460-32125-8	FB-17338-100511-MM-147	T	Solid	8270C	460-88819
Analysis Batch:460-90073					
460-32125-5	SO-17338-100511-MM-144	T	Solid	8270C	460-88819

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 460-89955					
460-32125-1	SO-17338-100511-MM-140	T	Solid	5035	
460-32125-2	SO-17338-100511-MM-141	T	Solid	5035	
460-32125-3	SO-17338-100511-MM-142	T	Solid	5035	
460-32125-4	SO-17338-100511-MM-143	T	Solid	5035	
460-32125-5	SO-17338-100511-MM-144	T	Solid	5035	
460-32125-6	SO-17338-100511-MM-145	T	Solid	5035	
460-32125-7	SO-17338-100511-MM-146	T	Solid	5035	
460-32125-8	FB-17338-100511-MM-147	T	Solid	5035	
460-32125-8MS	Matrix Spike	T	Solid	5035	
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch: 460-89982					
LCS 460-89982/2	Lab Control Sample	T	Solid	8015B	
MB 460-89982/3	Method Blank	T	Solid	8015B	
460-32125-1	SO-17338-100511-MM-140	T	Solid	8015B	460-89955
460-32125-2	SO-17338-100511-MM-141	T	Solid	8015B	460-89955
460-32125-3	SO-17338-100511-MM-142	T	Solid	8015B	460-89955
460-32125-4	SO-17338-100511-MM-143	T	Solid	8015B	460-89955
460-32125-5	SO-17338-100511-MM-144	T	Solid	8015B	460-89955
460-32125-6	SO-17338-100511-MM-145	T	Solid	8015B	460-89955
460-32125-7	SO-17338-100511-MM-146	T	Solid	8015B	460-89955
460-32125-8	FB-17338-100511-MM-147	T	Solid	8015B	460-89955
460-32125-8MS	Matrix Spike	T	Solid	8015B	460-89955
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	8015B	460-89955

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-88836					
LCS 460-88836/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88836/1-A	Method Blank	T	Solid	3541	
460-32125-1	SO-17338-100511-MM-140	T	Solid	3541	
460-32125-2	SO-17338-100511-MM-141	T	Solid	3541	
460-32125-3	SO-17338-100511-MM-142	T	Solid	3541	
460-32125-4	SO-17338-100511-MM-143	T	Solid	3541	
460-32125-5	SO-17338-100511-MM-144	T	Solid	3541	
460-32125-6	SO-17338-100511-MM-145	T	Solid	3541	
460-32125-7	SO-17338-100511-MM-146	T	Solid	3541	
460-32125-8	FB-17338-100511-MM-147	T	Solid	3541	
460-32125-8MS	Matrix Spike	T	Solid	3541	
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-88837					
LCS 460-88837/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88837/1-A	Method Blank	T	Solid	3541	
460-32125-1	SO-17338-100511-MM-140	T	Solid	3541	
460-32125-2	SO-17338-100511-MM-141	T	Solid	3541	
460-32125-3	SO-17338-100511-MM-142	T	Solid	3541	
460-32125-4	SO-17338-100511-MM-143	T	Solid	3541	
460-32125-5	SO-17338-100511-MM-144	T	Solid	3541	
460-32125-6	SO-17338-100511-MM-145	T	Solid	3541	
460-32125-7	SO-17338-100511-MM-146	T	Solid	3541	
460-32125-8	FB-17338-100511-MM-147	T	Solid	3541	
460-32125-8MS	Matrix Spike	T	Solid	3541	
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-89063					
LCS 460-88836/2-A	Lab Control Sample	T	Solid	8082	460-88836
MB 460-88836/1-A	Method Blank	T	Solid	8082	460-88836
460-32125-1	SO-17338-100511-MM-140	T	Solid	8082	460-88836
460-32125-2	SO-17338-100511-MM-141	T	Solid	8082	460-88836
460-32125-3	SO-17338-100511-MM-142	T	Solid	8082	460-88836
460-32125-4	SO-17338-100511-MM-143	T	Solid	8082	460-88836
460-32125-5	SO-17338-100511-MM-144	T	Solid	8082	460-88836
460-32125-8	FB-17338-100511-MM-147	T	Solid	8082	460-88836
460-32125-8MS	Matrix Spike	T	Solid	8082	460-88836
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	8082	460-88836
Analysis Batch:460-89203					
460-32125-6	SO-17338-100511-MM-145	T	Solid	8082	460-88836
460-32125-7	SO-17338-100511-MM-146	T	Solid	8082	460-88836

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-89205					
LCS 460-88837/2-A	Lab Control Sample	T	Solid	8081A	460-88837
460-32125-1	SO-17338-100511-MM-140	T	Solid	8081A	460-88837
460-32125-2	SO-17338-100511-MM-141	T	Solid	8081A	460-88837
460-32125-3	SO-17338-100511-MM-142	T	Solid	8081A	460-88837
460-32125-4	SO-17338-100511-MM-143	T	Solid	8081A	460-88837
460-32125-5	SO-17338-100511-MM-144	T	Solid	8081A	460-88837
460-32125-6	SO-17338-100511-MM-145	T	Solid	8081A	460-88837
460-32125-7	SO-17338-100511-MM-146	T	Solid	8081A	460-88837
460-32125-8	FB-17338-100511-MM-147	T	Solid	8081A	460-88837
460-32125-8MS	Matrix Spike	T	Solid	8081A	460-88837
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	8081A	460-88837
Analysis Batch:460-89222					
MB 460-88837/1-A	Method Blank	T	Solid	8081A	460-88837
Prep Batch: 460-90025					
LCS 460-90025/2-A	Lab Control Sample	T	Solid	3546	
MB 460-90025/1-A	Method Blank	T	Solid	3546	
460-32125-1	SO-17338-100511-MM-140	T	Solid	3546	
460-32125-2	SO-17338-100511-MM-141	T	Solid	3546	
460-32125-3	SO-17338-100511-MM-142	T	Solid	3546	
460-32125-4	SO-17338-100511-MM-143	T	Solid	3546	
460-32125-5	SO-17338-100511-MM-144	T	Solid	3546	
460-32125-6	SO-17338-100511-MM-145	T	Solid	3546	
460-32125-7	SO-17338-100511-MM-146	T	Solid	3546	
460-32125-8	FB-17338-100511-MM-147	T	Solid	3546	
460-32125-8MS	Matrix Spike	T	Solid	3546	
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:460-90459					
LCS 460-90025/2-A	Lab Control Sample	T	Solid	8015B	460-90025
MB 460-90025/1-A	Method Blank	T	Solid	8015B	460-90025
460-32125-1	SO-17338-100511-MM-140	T	Solid	8015B	460-90025
460-32125-2	SO-17338-100511-MM-141	T	Solid	8015B	460-90025
460-32125-3	SO-17338-100511-MM-142	T	Solid	8015B	460-90025
460-32125-4	SO-17338-100511-MM-143	T	Solid	8015B	460-90025
460-32125-5	SO-17338-100511-MM-144	T	Solid	8015B	460-90025
460-32125-6	SO-17338-100511-MM-145	T	Solid	8015B	460-90025
460-32125-7	SO-17338-100511-MM-146	T	Solid	8015B	460-90025
460-32125-8	FB-17338-100511-MM-147	T	Solid	8015B	460-90025
460-32125-8MS	Matrix Spike	T	Solid	8015B	460-90025
460-32125-8MSD	Matrix Spike Duplicate	T	Solid	8015B	460-90025

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-89271					
LCSSRM 460-89271/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-89271/10-A	Method Blank	T	Solid	7471A	
460-32125-1	SO-17338-100511-MM-140	T	Solid	7471A	
460-32125-2	SO-17338-100511-MM-141	T	Solid	7471A	
460-32275-A-6-I DU	Duplicate	T	Solid	7471A	
460-32275-A-6-J MS	Matrix Spike	T	Solid	7471A	
Prep Batch: 460-89273					
LCSSRM 460-89273/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-89273/10-A	Method Blank	T	Solid	7471A	
460-32121-A-22-C DU	Duplicate	T	Solid	7471A	
460-32121-A-22-D MS	Matrix Spike	T	Solid	7471A	
460-32125-3	SO-17338-100511-MM-142	T	Solid	7471A	
460-32125-4	SO-17338-100511-MM-143	T	Solid	7471A	
460-32125-5	SO-17338-100511-MM-144	T	Solid	7471A	
460-32125-6	SO-17338-100511-MM-145	T	Solid	7471A	
460-32125-7	SO-17338-100511-MM-146	T	Solid	7471A	
460-32125-8	FB-17338-100511-MM-147	T	Solid	7471A	
Analysis Batch:460-89287					
LCSSRM 460-89271/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-89271
MB 460-89271/10-A	Method Blank	T	Solid	7471A	460-89271
LCSSRM 460-89273/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-89273
MB 460-89273/10-A	Method Blank	T	Solid	7471A	460-89273
460-32121-A-22-C DU	Duplicate	T	Solid	7471A	460-89273
460-32121-A-22-D MS	Matrix Spike	T	Solid	7471A	460-89273
460-32125-1	SO-17338-100511-MM-140	T	Solid	7471A	460-89271
460-32125-2	SO-17338-100511-MM-141	T	Solid	7471A	460-89271
460-32125-3	SO-17338-100511-MM-142	T	Solid	7471A	460-89273
460-32125-4	SO-17338-100511-MM-143	T	Solid	7471A	460-89273
460-32125-5	SO-17338-100511-MM-144	T	Solid	7471A	460-89273
460-32125-6	SO-17338-100511-MM-145	T	Solid	7471A	460-89273
460-32125-7	SO-17338-100511-MM-146	T	Solid	7471A	460-89273
460-32125-8	FB-17338-100511-MM-147	T	Solid	7471A	460-89273
460-32275-A-6-I DU	Duplicate	T	Solid	7471A	460-89271
460-32275-A-6-J MS	Matrix Spike	T	Solid	7471A	460-89271

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-89665					
LCSSRM 460-89665/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-89665/1-A ^2	Method Blank	T	Solid	3050B	
460-32125-1	SO-17338-100511-MM-140	T	Solid	3050B	
460-32125-2	SO-17338-100511-MM-141	T	Solid	3050B	
460-32125-3	SO-17338-100511-MM-142	T	Solid	3050B	
460-32125-4	SO-17338-100511-MM-143	T	Solid	3050B	
460-32125-5	SO-17338-100511-MM-144	T	Solid	3050B	
460-32125-6	SO-17338-100511-MM-145	T	Solid	3050B	
460-32125-7	SO-17338-100511-MM-146	T	Solid	3050B	
460-32125-8	FB-17338-100511-MM-147	T	Solid	3050B	
460-32125-8DU	Duplicate	T	Solid	3050B	
460-32125-8MS	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-89684					
LCSSRM 460-89665/2-A	LCS-Certified Reference Material	T	Solid	6010B	460-89665
MB 460-89665/1-A ^2	Method Blank	T	Solid	6010B	460-89665
460-32125-1	SO-17338-100511-MM-140	T	Solid	6010B	460-89665
460-32125-2	SO-17338-100511-MM-141	T	Solid	6010B	460-89665
460-32125-3	SO-17338-100511-MM-142	T	Solid	6010B	460-89665
460-32125-4	SO-17338-100511-MM-143	T	Solid	6010B	460-89665
460-32125-5	SO-17338-100511-MM-144	T	Solid	6010B	460-89665
460-32125-6	SO-17338-100511-MM-145	T	Solid	6010B	460-89665
460-32125-7	SO-17338-100511-MM-146	T	Solid	6010B	460-89665
460-32125-8	FB-17338-100511-MM-147	T	Solid	6010B	460-89665
460-32125-8DU	Duplicate	T	Solid	6010B	460-89665
460-32125-8MS	Matrix Spike	T	Solid	6010B	460-89665

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-88990					
460-32125-1	SO-17338-100511-MM-140	T	Solid	Moisture	
460-32125-2	SO-17338-100511-MM-141	T	Solid	Moisture	
460-32125-3	SO-17338-100511-MM-142	T	Solid	Moisture	
460-32125-4	SO-17338-100511-MM-143	T	Solid	Moisture	
460-32125-5	SO-17338-100511-MM-144	T	Solid	Moisture	
460-32125-6	SO-17338-100511-MM-145	T	Solid	Moisture	
460-32125-7	SO-17338-100511-MM-146	T	Solid	Moisture	
460-32125-7DU	Duplicate	T	Solid	Moisture	
460-32125-8	FB-17338-100511-MM-147	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-1

Client ID: SO-17338-100511-MM-140

Sample Date/Time: 10/05/2011 10:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-1-A		460-89343	460-89121	10/11/2011 18:02	50	TAL EDI	FJ
A:8260B	460-32125-B-1-A		460-89343	460-89121	10/13/2011 10:42	50	TAL EDI	AT
P:3541	460-32125-D-1-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32125-D-1-A		460-89646	460-88819	10/13/2011 16:01	1	TAL EDI	AAA
P:5035	460-32125-D-1-F		460-89982	460-89955	10/18/2011 19:07	50	TAL EDI	FJ
A:8015B	460-32125-D-1-F		460-89982	460-89955	10/19/2011 01:18	50	TAL EDI	EM
P:3546	460-32125-D-1-G		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-1-G		460-90459	460-90025	10/24/2011 04:52	1	TAL EDI	CBB
P:3541	460-32125-D-1-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-1-C		460-89205	460-88837	10/11/2011 09:24	1	TAL EDI	FM
P:3541	460-32125-D-1-B		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-1-B		460-89063	460-88836	10/10/2011 14:15	1	TAL EDI	SD
P:3050B	460-32125-D-1-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-1-E ^4		460-89684	460-89665	10/16/2011 20:24	4	TAL EDI	VD
P:7471A	460-32125-D-1-D		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-1-D		460-89287	460-89271	10/12/2011 21:21	1	TAL EDI	TS
A:Moisture	460-32125-D-1		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-1 MS

Client ID: SO-17338-100511-MM-140

Sample Date/Time: 10/05/2011 10:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-1-A MS		460-89343	460-89121	10/11/2011 18:02	50	TAL EDI	FJ
A:8260B	460-32125-B-1-A MS		460-89343	460-89121	10/13/2011 13:37	50	TAL EDI	AT

Lab ID: 460-32125-1 MSD

Client ID: SO-17338-100511-MM-140

Sample Date/Time: 10/05/2011 10:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-1-A MSD		460-89343	460-89121	10/11/2011 18:02	50	TAL EDI	FJ
A:8260B	460-32125-B-1-A MSD		460-89343	460-89121	10/13/2011 14:02	50	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-2

Client ID: SO-17338-100511-MM-141

Sample Date/Time: 10/05/2011 11:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-2-A		460-89343	460-89121	10/11/2011 18:03	50	TAL EDI	FJ
A:8260B	460-32125-B-2-A		460-89343	460-89121	10/13/2011 11:07	50	TAL EDI	AT
P:3541	460-32125-D-2-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32125-D-2-A		460-89646	460-88819	10/13/2011 15:36	1	TAL EDI	AAA
P:5035	460-32125-D-2-F		460-89982	460-89955	10/18/2011 19:09	50	TAL EDI	FJ
A:8015B	460-32125-D-2-F		460-89982	460-89955	10/19/2011 01:43	50	TAL EDI	EM
P:3546	460-32125-D-2-G		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-2-G		460-90459	460-90025	10/24/2011 05:07	1	TAL EDI	CBB
P:3541	460-32125-D-2-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-2-C		460-89205	460-88837	10/11/2011 09:38	1	TAL EDI	FM
P:3541	460-32125-D-2-B		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-2-B		460-89063	460-88836	10/10/2011 14:31	1	TAL EDI	SD
P:3050B	460-32125-D-2-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-2-E ^4		460-89684	460-89665	10/16/2011 20:28	4	TAL EDI	VD
P:7471A	460-32125-D-2-D		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-2-D		460-89287	460-89271	10/12/2011 21:23	1	TAL EDI	TS
A:Moisture	460-32125-D-2		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-3

Client ID: SO-17338-100511-MM-142

Sample Date/Time: 10/05/2011 11:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-3-A		460-89343	460-89121	10/11/2011 18:04	50	TAL EDI	FJ
A:8260B	460-32125-B-3-A		460-89343	460-89121	10/13/2011 11:32	50	TAL EDI	AT
P:3541	460-32125-D-3-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32125-D-3-A		460-89646	460-88819	10/13/2011 13:06	1	TAL EDI	AAA
P:5035	460-32125-D-3-F		460-89982	460-89955	10/18/2011 19:11	50	TAL EDI	FJ
A:8015B	460-32125-D-3-F		460-89982	460-89955	10/19/2011 02:07	50	TAL EDI	EM
P:3546	460-32125-D-3-G		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-3-G		460-90459	460-90025	10/24/2011 05:19	1	TAL EDI	CBB
P:3541	460-32125-D-3-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-3-C		460-89205	460-88837	10/11/2011 09:52	1	TAL EDI	FM
P:3541	460-32125-D-3-B		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-3-B		460-89063	460-88836	10/10/2011 14:48	1	TAL EDI	SD
P:3050B	460-32125-D-3-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-3-E ^4		460-89684	460-89665	10/16/2011 20:31	4	TAL EDI	VD
P:7471A	460-32125-D-3-D		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-3-D		460-89287	460-89273	10/12/2011 21:42	1	TAL EDI	TS
A:Moisture	460-32125-D-3		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-4

Client ID: SO-17338-100511-MM-143

Sample Date/Time: 10/05/2011 12:15

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-4-A		460-89343	460-89121	10/11/2011 18:05	50	TAL EDI	FJ
A:8260B	460-32125-B-4-A		460-89343	460-89121	10/13/2011 11:57	50	TAL EDI	AT
P:3541	460-32125-D-4-A		460-89646	460-88819	10/08/2011 16:15	10	TAL EDI	JS
A:8270C	460-32125-D-4-A		460-89646	460-88819	10/13/2011 16:51	10	TAL EDI	AAA
P:5035	460-32125-D-4-F		460-89982	460-89955	10/18/2011 19:13	50	TAL EDI	FJ
A:8015B	460-32125-D-4-F		460-89982	460-89955	10/19/2011 02:31	50	TAL EDI	EM
P:3546	460-32125-D-4-G		460-90459	460-90025	10/19/2011 10:29	100	TAL EDI	hp
A:8015B	460-32125-D-4-G		460-90459	460-90025	10/24/2011 05:33	100	TAL EDI	CBB
P:3541	460-32125-D-4-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-4-C		460-89205	460-88837	10/11/2011 10:06	1	TAL EDI	FM
P:3541	460-32125-D-4-B		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-4-B		460-89063	460-88836	10/10/2011 15:04	1	TAL EDI	SD
P:3050B	460-32125-D-4-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-4-E ^4		460-89684	460-89665	10/16/2011 20:35	4	TAL EDI	VD
P:7471A	460-32125-D-4-D		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-4-D		460-89287	460-89273	10/12/2011 21:44	1	TAL EDI	TS
A:Moisture	460-32125-D-4		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-5

Client ID: SO-17338-100511-MM-144

Sample Date/Time: 10/05/2011 12:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-5-A		460-89343	460-89121	10/11/2011 18:06	50	TAL EDI	FJ
A:8260B	460-32125-B-5-A		460-89343	460-89121	10/13/2011 12:22	50	TAL EDI	AT
P:3541	460-32125-D-5-A		460-90073	460-88819	10/08/2011 16:15	5	TAL EDI	JS
A:8270C	460-32125-D-5-A		460-90073	460-88819	10/19/2011 02:19	5	TAL EDI	MS
P:5035	460-32125-D-5-F		460-89982	460-89955	10/18/2011 19:15	50	TAL EDI	FJ
A:8015B	460-32125-D-5-F		460-89982	460-89955	10/19/2011 02:56	50	TAL EDI	EM
P:3546	460-32125-D-5-G		460-90459	460-90025	10/19/2011 10:29	50	TAL EDI	hp
A:8015B	460-32125-D-5-G		460-90459	460-90025	10/24/2011 05:45	50	TAL EDI	CBB
P:3541	460-32125-D-5-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-5-C		460-89205	460-88837	10/11/2011 10:20	1	TAL EDI	FM
P:3541	460-32125-D-5-B		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-5-B		460-89063	460-88836	10/10/2011 15:21	1	TAL EDI	SD
P:3050B	460-32125-D-5-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-5-E ^4		460-89684	460-89665	10/16/2011 16:58	4	TAL EDI	VD
P:7471A	460-32125-D-5-D		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-5-D		460-89287	460-89273	10/12/2011 21:46	1	TAL EDI	TS
A:Moisture	460-32125-D-5		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-6

Client ID: SO-17338-100511-MM-145

Sample Date/Time: 10/05/2011 12:50

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-6-A		460-89343	460-89121	10/11/2011 18:07	50	TAL EDI	FJ
A:8260B	460-32125-B-6-A		460-89343	460-89121	10/13/2011 12:47	50	TAL EDI	AT
P:3541	460-32125-D-6-A		460-89646	460-88819	10/08/2011 16:15	5	TAL EDI	JS
A:8270C	460-32125-D-6-A		460-89646	460-88819	10/13/2011 17:17	5	TAL EDI	AAA
P:5035	460-32125-D-6-F		460-89982	460-89955	10/18/2011 19:17	50	TAL EDI	FJ
A:8015B	460-32125-D-6-F		460-89982	460-89955	10/19/2011 03:20	50	TAL EDI	EM
P:3546	460-32125-D-6-G		460-90459	460-90025	10/19/2011 10:29	10	TAL EDI	hp
A:8015B	460-32125-D-6-G		460-90459	460-90025	10/24/2011 06:00	10	TAL EDI	CBB
P:3541	460-32125-D-6-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-6-C		460-89205	460-88837	10/11/2011 10:34	1	TAL EDI	FM
P:3541	460-32125-D-6-B		460-89203	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-6-B		460-89203	460-88836	10/10/2011 16:50	1	TAL EDI	SD
P:3050B	460-32125-D-6-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-6-E ^4		460-89684	460-89665	10/16/2011 17:02	4	TAL EDI	VD
P:7471A	460-32125-D-6-D		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-6-D		460-89287	460-89273	10/12/2011 21:48	1	TAL EDI	TS
A:Moisture	460-32125-D-6		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-7

Client ID: SO-17338-100511-MM-146

Sample Date/Time: 10/05/2011 13:15

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-7-A		460-89343	460-89121	10/11/2011 18:08	50	TAL EDI	FJ
A:8260B	460-32125-B-7-A		460-89343	460-89121	10/13/2011 13:12	50	TAL EDI	AT
P:3541	460-32125-D-7-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32125-D-7-A		460-89646	460-88819	10/13/2011 19:22	1	TAL EDI	AAA
P:5035	460-32125-D-7-F		460-89982	460-89955	10/18/2011 19:19	50	TAL EDI	FJ
A:8015B	460-32125-D-7-F		460-89982	460-89955	10/19/2011 03:44	50	TAL EDI	EM
P:3546	460-32125-D-7-G		460-90459	460-90025	10/19/2011 10:29	10	TAL EDI	hp
A:8015B	460-32125-D-7-G		460-90459	460-90025	10/24/2011 06:14	10	TAL EDI	CBB
P:3541	460-32125-D-7-C		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-7-C		460-89205	460-88837	10/11/2011 10:48	1	TAL EDI	FM
P:3541	460-32125-D-7-B		460-89203	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-7-B		460-89203	460-88836	10/10/2011 17:07	1	TAL EDI	SD
P:3050B	460-32125-D-7-E ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-7-E ^4		460-89684	460-89665	10/16/2011 17:05	4	TAL EDI	VD
P:7471A	460-32125-D-7-D		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-7-D		460-89287	460-89273	10/12/2011 21:50	1	TAL EDI	TS
A:Moisture	460-32125-D-7		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-7 DU

Client ID: SO-17338-100511-MM-146

Sample Date/Time: 10/05/2011 13:15

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32125-D-7 DU		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-8

Client ID: FB-17338-100511-MM-147

Sample Date/Time: 10/05/2011 14:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-8-A		460-89343	460-89121	10/11/2011 18:09	50	TAL EDI	FJ
A:8260B	460-32125-B-8-A		460-89343	460-89121	10/13/2011 07:47	50	TAL EDI	AT
P:3541	460-32125-D-8-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32125-D-8-A		460-89646	460-88819	10/13/2011 13:31	1	TAL EDI	AAA
P:5035	460-32125-D-8-N		460-89982	460-89955	10/18/2011 19:21	50	TAL EDI	FJ
A:8015B	460-32125-D-8-N		460-89982	460-89955	10/19/2011 04:09	50	TAL EDI	EM
P:3546	460-32125-D-8-S		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-8-S		460-90459	460-90025	10/24/2011 08:56	1	TAL EDI	CBB
P:3541	460-32125-D-8-G		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-8-G		460-89205	460-88837	10/11/2011 11:01	1	TAL EDI	FM
P:3541	460-32125-D-8-D		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-8-D		460-89063	460-88836	10/10/2011 13:25	1	TAL EDI	SD
P:3050B	460-32125-D-8-K ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-8-K ^4		460-89684	460-89665	10/16/2011 16:16	4	TAL EDI	VD
P:7471A	460-32125-D-8-J		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32125-D-8-J		460-89287	460-89273	10/12/2011 21:56	1	TAL EDI	TS
A:Moisture	460-32125-D-8		460-88990		10/11/2011 00:49	1	TAL EDI	AGS

Lab ID: 460-32125-8 MS

Client ID: FB-17338-100511-MM-147

Sample Date/Time: 10/05/2011 14:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-D-8-O MS		460-89982	460-89955	10/18/2011 19:23	50	TAL EDI	FJ
A:8015B	460-32125-D-8-O MS		460-89982	460-89955	10/19/2011 04:33	50	TAL EDI	EM
P:3546	460-32125-D-8-Q MS		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-8-Q MS		460-90459	460-90025	10/24/2011 04:25	1	TAL EDI	CBB
P:3541	460-32125-D-8-H MS		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-8-H MS		460-89205	460-88837	10/11/2011 07:32	1	TAL EDI	FM
P:3541	460-32125-D-8-B MS		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-8-B MS		460-89063	460-88836	10/10/2011 13:42	1	TAL EDI	SD
P:3050B	460-32125-D-8-M MS		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-8-M MS		460-89684	460-89665	10/16/2011 16:23	4	TAL EDI	VD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: 460-32125-8 MSD

Client ID: FB-17338-100511-MM-147

Sample Date/Time: 10/05/2011 14:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-D-8-P MSD		460-89982	460-89955	10/18/2011 19:25	50	TAL EDI	FJ
A:8015B	460-32125-D-8-P MSD		460-89982	460-89955	10/19/2011 04:58	50	TAL EDI	EM
P:3546	460-32125-D-8-R MSD		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	460-32125-D-8-R MSD		460-90459	460-90025	10/24/2011 04:25	1	TAL EDI	CBB
P:3541	460-32125-D-8-I MSD		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	460-32125-D-8-I MSD		460-89205	460-88837	10/11/2011 07:46	1	TAL EDI	FM
P:3541	460-32125-D-8-C MSD		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	460-32125-D-8-C MSD		460-89063	460-88836	10/10/2011 13:58	1	TAL EDI	SD

Lab ID: 460-32125-8 DU

Client ID: FB-17338-100511-MM-147

Sample Date/Time: 10/05/2011 14:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-32125-D-8-L DU ^4		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-8-L DU ^4		460-89684	460-89665	10/16/2011 16:12	4	TAL EDI	VD

Lab ID: 460-32125-8 SD

Client ID: FB-17338-100511-MM-147

Sample Date/Time: 10/05/2011 14:00

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-32125-D-8-K SD ^2		460-89684	460-89665	10/15/2011 17:32	20	TAL EDI	TS
A:6010B	460-32125-D-8-K SD ^2		460-89684	460-89665	10/16/2011 16:19	20	TAL EDI	VD
P:3050B	460-32125-D-8-K PDS		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
A:6010B	460-32125-D-8-K PDS		460-89684	460-89665	10/16/2011 16:41	4	TAL EDI	VD

Lab ID: 460-32125-9

Client ID: TB-17338-100511-MM-148

Sample Date/Time: 10/05/2011 14:15

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-9-A		460-89343	460-89121	10/11/2011 18:09	50	TAL EDI	FJ
A:8260B	460-32125-B-9-A		460-89343	460-89121	10/13/2011 07:22	50	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-89343/4		460-89343		10/13/2011 06:04	50	TAL EDI	AT
P:3541	MB 460-88819/1-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	MB 460-88819/1-A		460-89646	460-88819	10/13/2011 11:48	1	TAL EDI	AAA
A:8015B	MB 460-89982/3		460-89982		10/18/2011 22:52	50	TAL EDI	EM
P:3546	MB 460-90025/1-A		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	MB 460-90025/1-A		460-90459	460-90025	10/24/2011 03:43	1	TAL EDI	CBB
P:3541	MB 460-88837/1-A		460-89222	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	MB 460-88837/1-A		460-89222	460-88837	10/11/2011 17:04	1	TAL EDI	FM
P:3541	MB 460-88836/1-A		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	MB 460-88836/1-A		460-89063	460-88836	10/10/2011 12:52	1	TAL EDI	SD
P:3050B	MB 460-89665/1-A ^2		460-89684	460-89665	10/15/2011 17:32	2	TAL EDI	TS
A:6010B	MB 460-89665/1-A ^2		460-89684	460-89665	10/16/2011 16:51	2	TAL EDI	VD
P:7471A	MB 460-89271/10-A		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	MB 460-89271/10-A		460-89287	460-89271	10/12/2011 20:28	1	TAL EDI	TS
P:7471A	MB 460-89273/10-A		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	MB 460-89273/10-A		460-89287	460-89273	10/12/2011 21:33	1	TAL EDI	TS

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-89343/3		460-89343		10/13/2011 04:49	50	TAL EDI	AT
P:3541	LCS 460-88819/2-A		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	LCS 460-88819/2-A		460-89646	460-88819	10/13/2011 12:13	1	TAL EDI	AAA
A:8015B	LCS 460-89982/2		460-89982		10/18/2011 22:03	50	TAL EDI	EM
P:3546	LCS 460-90025/2-A		460-90459	460-90025	10/19/2011 10:29	1	TAL EDI	hp
A:8015B	LCS 460-90025/2-A		460-90459	460-90025	10/24/2011 03:58	1	TAL EDI	CBB
P:3541	LCS 460-88837/2-A		460-89205	460-88837	10/10/2011 03:53	1	TAL EDI	ARA
A:8081A	LCS 460-88837/2-A		460-89205	460-88837	10/11/2011 07:18	1	TAL EDI	FM
P:3541	LCS 460-88836/2-A		460-89063	460-88836	10/10/2011 02:52	1	TAL EDI	ARA
A:8082	LCS 460-88836/2-A		460-89063	460-88836	10/10/2011 13:09	1	TAL EDI	SD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: LCSSRM

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM		460-89684	460-89665	10/15/2011 17:32	4	TAL EDI	TS
	460-89665/2-A							
A:6010B	LCSSRM		460-89684	460-89665	10/16/2011 16:55	4	TAL EDI	VD
	460-89665/2-A							
P:7471A	LCSSRM		460-89287	460-89271	10/12/2011 18:00	10	TAL EDI	TS
	460-89271/11-A ^10							
A:7471A	LCSSRM		460-89287	460-89271	10/12/2011 20:29	10	TAL EDI	TS
	460-89271/11-A ^10							
P:7471A	LCSSRM		460-89287	460-89273	10/12/2011 18:00	10	TAL EDI	TS
	460-89273/11-A ^10							
A:7471A	LCSSRM		460-89287	460-89273	10/12/2011 21:35	10	TAL EDI	TS
	460-89273/11-A ^10							

Lab ID: MS

Client ID: N/A

Sample Date/Time: 09/29/2011 10:55

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-32001-D-7-G MS		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32001-D-7-G MS		460-89646	460-88819	10/13/2011 18:07	1	TAL EDI	AAA
P:7471A	460-32275-A-6-J MS		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32275-A-6-J MS		460-89287	460-89271	10/12/2011 20:35	1	TAL EDI	TS
P:7471A	460-32121-A-22-D MS		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32121-A-22-D MS		460-89287	460-89273	10/12/2011 21:40	1	TAL EDI	TS

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 09/29/2011 10:55

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-32001-D-7-H MSD		460-89646	460-88819	10/08/2011 16:15	1	TAL EDI	JS
A:8270C	460-32001-D-7-H MSD		460-89646	460-88819	10/13/2011 18:32	1	TAL EDI	AAA

Lab ID: DU

Client ID: N/A

Sample Date/Time: 10/11/2011 12:58

Received Date/Time: 10/12/2011 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	460-32275-A-6-I DU		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32275-A-6-I DU		460-89287	460-89271	10/12/2011 20:33	1	TAL EDI	TS
P:7471A	460-32121-A-22-C DU		460-89287	460-89273	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32121-A-22-C DU		460-89287	460-89273	10/12/2011 21:38	1	TAL EDI	TS

TestAmerica Edison

A = Analytical Method P = Prep Method

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Laboratory Chronicle

Lab ID: SD

Client ID: N/A

Sample Date/Time: 10/11/2011 12:58

Received Date/Time: 10/12/2011 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	460-32275-A-6-H SD ^5		460-89287	460-89271	10/12/2011 18:00	5	TAL EDI	TS
A:7471A	460-32275-A-6-H SD ^5		460-89287	460-89271	10/12/2011 21:26	5	TAL EDI	TS
P:7471A	460-32121-A-22-B SD		460-89287	460-89273	10/12/2011 18:00	5	TAL EDI	TS
A:7471A	460-32121-A-22-B SD		460-89287	460-89273	10/12/2011 22:13	5	TAL EDI	TS

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Medium
 GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SO-17338-100511-MM-140	460-32125-1	103	100	103
SO-17338-100511-MM-141	460-32125-2	99	96	98
SO-17338-100511-MM-142	460-32125-3	95	97	97
SO-17338-100511-MM-143	460-32125-4	96	97	97
SO-17338-100511-MM-144	460-32125-5	74	70	71
SO-17338-100511-MM-145	460-32125-6	104	102	101
SO-17338-100511-MM-146	460-32125-7	102	98	101
FB-17338-100511-MM-147	460-32125-8	108	110	109
TB-17338-100511-MM-148	460-32125-9	110	108	110
	MB 460-89343/4	94	96	111
	LCS 460-89343/3	101	101	102
SO-17338-100511-MM-140 MS	460-32125-1 MS	100	94	96
SO-17338-100511-MM-140 MSD	460-32125-1 MSD	101	97	98

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04553.d
 Lab ID: LCS 460-89343/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2000	1790	90	41-149	
Chloromethane	2000	2070	104	52-144	
Vinyl chloride	2000	1910	96	55-154	
Bromomethane	2000	1750	87	58-154	
Chloroethane	2000	1770	89	66-144	
Trichlorofluoromethane	2000	1880	94	60-148	
1,1-Dichloroethene	2000	1520	76	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2000	1880	94	50-128	
Acetone	2000	2370	119	48-177	
Carbon disulfide	2000	1590	80	70-120	
Methyl acetate	2000	1720	86	72-165	
Methylene Chloride	2000	1680	84	78-118	
trans-1,2-Dichloroethene	2000	1610	81	73-119	
Methyl tert-butyl ether	2000	1720	86	65-143	
1,1-Dichloroethane	2000	1670	84	79-119	
cis-1,2-Dichloroethene	2000	1690	85	78-118	
2-Butanone (MEK)	2000	1600	80	70-139	
Chloroform	2000	1690	84	81-122	
1,1,1-Trichloroethane	2000	1690	84	78-118	
Cyclohexane	2000	2090	104	69-128	
Carbon tetrachloride	2000	1730	86	64-130	
Benzene	2000	1710	86	71-118	
1,2-Dichloroethane	2000	1690	84	81-121	
Trichloroethene	2000	1690	85	82-122	
Methylcyclohexane	2000	2610	131	80-134	
1,2-Dichloropropane	2000	1680	84	78-118	
Dichlorobromomethane	2000	1730	86	78-118	
cis-1,3-Dichloropropene	2000	1660	83	75-120	
4-Methyl-2-pentanone (MIBK)	2000	1910	96	69-124	
Toluene	2000	1770	89	79-136	
trans-1,3-Dichloropropene	2000	1730	86	73-118	
1,1,2-Trichloroethane	2000	1710	86	77-120	
Tetrachloroethene	2000	1870	93	78-136	
2-Hexanone	2000	1860	93	62-123	
Chlorodibromomethane	2000	1750	87	78-118	
1,2-Dibromoethane	2000	1750	87	76-120	
Chlorobenzene	2000	1710	86	69-124	
Ethylbenzene	2000	1730	86	78-124	
Xylenes, Total	6000	5500	92	78-126	
Styrene	2000	1740	87	73-126	
Bromoform	2000	1820	91	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04553.d
Lab ID: LCS 460-89343/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	2000	1970	99	80-143	
1,1,2,2-Tetrachloroethane	2000	1740	87	86-145	
1,3-Dichlorobenzene	2000	2010	100	83-123	
1,4-Dichlorobenzene	2000	1830	91	84-124	
1,2-Dichlorobenzene	2000	1900	95	83-123	
1,2-Dibromo-3-Chloropropane	2000	1890	94	62-127	
1,2,4-Trichlorobenzene	2000	2210	111	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04574.d
Lab ID: 460-32125-1 MS Client ID: SO-17338-100511-MM-140 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2360	120 U	2400	102	41-149	
Chloromethane	2360	120 U	2310	98	52-144	
Vinyl chloride	2360	120 U	2430	103	55-154	
Bromomethane	2360	120 U	1690	71	58-164	
Chloroethane	2360	120 U	1350	57	66-144	F
Trichlorofluoromethane	2360	120 U	2070	88	60-148	
1,1-Dichloroethene	2360	120 U	1760	75	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2360	120 U	2150	91	50-128	
Acetone	2360	1200 U	2410	102	48-177	
Carbon disulfide	2360	120 U	1770	75	70-120	
Methyl acetate	2360	240 U	2130	90	72-165	
Methylene Chloride	2360	120 U	1990	84	78-118	
trans-1,2-Dichloroethene	2360	120 U	1890	80	73-119	
Methyl tert-butyl ether	2360	120 U	2030	86	65-143	
1,1-Dichloroethane	2360	120 U	2030	86	79-119	
cis-1,2-Dichloroethene	2360	120 U	1970	84	78-118	
2-Butanone (MEK)	2360	1200 U	2290	97	70-139	
Chloroform	2360	120 U	2050	87	81-122	
1,1,1-Trichloroethane	2360	120 U	2000	85	78-118	
Cyclohexane	2360	120 U	2220	94	69-128	
Carbon tetrachloride	2360	120 U	2100	89	64-130	
Benzene	2360	120 U	1980	84	71-118	
1,2-Dichloroethane	2360	120 U	2070	87	81-121	
Trichloroethene	2360	120 U	2090	89	82-122	
Methylcyclohexane	2360	120 U	2340	99	80-134	
1,2-Dichloropropane	2360	120 U	2070	88	78-118	
Dichlorobromomethane	2360	120 U	2160	91	78-118	
cis-1,3-Dichloropropene	2360	120 U	1910	81	75-120	
4-Methyl-2-pentanone (MIBK)	2360	1200 U	2050	87	69-124	
Toluene	2360	120 U	2030	86	79-136	
trans-1,3-Dichloropropene	2360	120 U	1960	83	73-118	
1,1,2-Trichloroethane	2360	120 U	1920	81	77-120	
Tetrachloroethene	2360	120 U	2150	91	78-136	
2-Hexanone	2360	1200 U	1920	81	62-123	
Chlorodibromomethane	2360	120 U	1880	80	78-118	
1,2-Dibromoethane	2360	120 U	1940	82	76-120	
Chlorobenzene	2360	120 U	2060	87	69-124	
Ethylbenzene	2360	120 U	2030	86	78-124	
Xylenes, Total	7090	350 U	6180	87	78-126	
Styrene	2360	120 U	2070	88	73-126	
Bromoform	2360	120 U	1990	84	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04574.d
Lab ID: 460-32125-1 MS Client ID: SO-17338-100511-MM-140 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	2360	120 U	2080	88	80-143	
1,1,2,2-Tetrachloroethane	2360	120 U	1870	79	86-145	F
1,3-Dichlorobenzene	2360	120 U	2000	85	83-123	
1,4-Dichlorobenzene	2360	120 U	1940	82	84-124	F
1,2-Dichlorobenzene	2360	120 U	2000	85	83-123	
1,2-Dibromo-3-Chloropropane	2360	120 U	2100	89	62-127	
1,2,4-Trichlorobenzene	2360	120 U	2470	105	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04575.d
 Lab ID: 460-32125-1 MSD Client ID: SO-17338-100511-MM-140 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	2360	2260	96	6	30	41-149	
Chloromethane	2360	2420	102	5	30	52-144	
Vinyl chloride	2360	2630	111	8	30	55-154	
Bromomethane	2360	1520	64	10	30	58-164	
Chloroethane	2360	1470	62	8	30	66-144	F
Trichlorofluoromethane	2360	2100	89	1	30	60-148	
1,1-Dichloroethene	2360	1770	75	0	30	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2360	2230	94	4	30	50-128	
Acetone	2360	2300	97	5	30	48-177	
Carbon disulfide	2360	1830	78	4	30	70-120	
Methyl acetate	2360	2140	91	1	30	72-165	
Methylene Chloride	2360	2000	85	1	30	78-118	
trans-1,2-Dichloroethene	2360	1970	83	4	30	73-119	
Methyl tert-butyl ether	2360	2060	87	2	30	65-143	
1,1-Dichloroethane	2360	2030	86	0	30	79-119	
cis-1,2-Dichloroethene	2360	2030	86	3	30	78-118	
2-Butanone (MEK)	2360	2180	92	5	30	70-139	
Chloroform	2360	2090	88	2	30	81-122	
1,1,1-Trichloroethane	2360	2100	89	5	30	78-118	
Cyclohexane	2360	2290	97	3	30	69-128	
Carbon tetrachloride	2360	2140	90	2	30	64-130	
Benzene	2360	2040	86	3	30	71-118	
1,2-Dichloroethane	2360	2100	89	2	30	81-121	
Trichloroethene	2360	2080	88	0	30	82-122	
Methylcyclohexane	2360	2450	103	4	30	80-134	
1,2-Dichloropropane	2360	2060	87	0	30	78-118	
Dichlorobromomethane	2360	2130	90	1	30	78-118	
cis-1,3-Dichloropropene	2360	1980	84	4	30	75-120	
4-Methyl-2-pentanone (MIBK)	2360	2150	91	4	30	69-124	
Toluene	2360	2150	91	6	30	79-136	
trans-1,3-Dichloropropene	2360	2070	88	6	30	73-118	
1,1,2-Trichloroethane	2360	2040	86	7	30	77-120	
Tetrachloroethene	2360	2210	94	3	30	78-136	
2-Hexanone	2360	2070	88	8	30	62-123	
Chlorodibromomethane	2360	2020	85	7	30	78-118	
1,2-Dibromoethane	2360	2070	88	7	30	76-120	
Chlorobenzene	2360	2110	89	2	30	69-124	
Ethylbenzene	2360	2090	88	3	30	78-124	
Xylenes, Total	7090	6510	92	5	30	78-126	
Styrene	2360	2160	92	5	30	73-126	
Bromoform	2360	2100	89	5	30	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04575.d
 Lab ID: 460-32125-1 MSD Client ID: SO-17338-100511-MM-140 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	2360	2200	93	6	30	80-143	
1,1,2,2-Tetrachloroethane	2360	2020	86	8	30	86-145	
1,3-Dichlorobenzene	2360	2120	90	6	30	83-123	
1,4-Dichlorobenzene	2360	2160	91	11	30	84-124	
1,2-Dichlorobenzene	2360	2010	85	1	30	83-123	
1,2-Dibromo-3-Chloropropane	2360	2180	92	4	30	62-127	
1,2,4-Trichlorobenzene	2360	2850	121	14	30	62-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: j04556.d Lab Sample ID: MB 460-89343/4
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 10/13/2011 06:04
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-89343/3	j04553.d	10/13/2011 04:49
TB-17338-100511-MM-148	460-32125-9	j04559.d	10/13/2011 07:22
FB-17338-100511-MM-147	460-32125-8	j04560.d	10/13/2011 07:47
SO-17338-100511-MM-140	460-32125-1	j04567.d	10/13/2011 10:42
SO-17338-100511-MM-141	460-32125-2	j04568.d	10/13/2011 11:07
SO-17338-100511-MM-142	460-32125-3	j04569.d	10/13/2011 11:32
SO-17338-100511-MM-143	460-32125-4	j04570.d	10/13/2011 11:57
SO-17338-100511-MM-144	460-32125-5	j04571.d	10/13/2011 12:22
SO-17338-100511-MM-145	460-32125-6	j04572.d	10/13/2011 12:47
SO-17338-100511-MM-146	460-32125-7	j04573.d	10/13/2011 13:12
SO-17338-100511-MM-140 MS	460-32125-1 MS	j04574.d	10/13/2011 13:37
SO-17338-100511-MM-140 MSD	460-32125-1 MSD	j04575.d	10/13/2011 14:02

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: j04488.d BFB Injection Date: 10/12/2011
Instrument ID: VOAMS8 BFB Injection Time: 01:08
Analysis Batch No.: 89267

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.9
75	30.0 - 60.0 % of mass 95	44.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	63.2
175	5.0 - 9.0 % of mass 174	5.1 (8.0) 1
176	95.0 - 101.0 % of mass 174	62.4 (98.8) 1
177	5.0 - 9.0 % of mass 176	3.7 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-89267/2	j04490.d	10/12/2011	01:51
	IC 460-89267/3	j04491.d	10/12/2011	02:17
	ICIS 460-89267/4	j04492.d	10/12/2011	02:42
	IC 460-89267/5	j04493.d	10/12/2011	03:07
	IC 460-89267/6	j04494.d	10/12/2011	03:32
	IC 460-89267/7	j04495.d	10/12/2011	03:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: j04550.d BFB Injection Date: 10/13/2011
Instrument ID: VOAMS8 BFB Injection Time: 03:29
Analysis Batch No.: 89343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.0
75	30.0 - 60.0 % of mass 95	44.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.2
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	63.5
175	5.0 - 9.0 % of mass 174	4.5 (7.1) 1
176	95.0 - 101.0 % of mass 174	63.1 (99.4) 1
177	5.0 - 9.0 % of mass 176	3.9 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-89343/2	j04552.d	10/13/2011	04:24
	LCS 460-89343/3	j04553.d	10/13/2011	04:49
	MB 460-89343/4	j04556.d	10/13/2011	06:04
TB-17338-100511-MM-148	460-32125-9	j04559.d	10/13/2011	07:22
FB-17338-100511-MM-147	460-32125-8	j04560.d	10/13/2011	07:47
SO-17338-100511-MM-140	460-32125-1	j04567.d	10/13/2011	10:42
SO-17338-100511-MM-141	460-32125-2	j04568.d	10/13/2011	11:07
SO-17338-100511-MM-142	460-32125-3	j04569.d	10/13/2011	11:32
SO-17338-100511-MM-143	460-32125-4	j04570.d	10/13/2011	11:57
SO-17338-100511-MM-144	460-32125-5	j04571.d	10/13/2011	12:22
SO-17338-100511-MM-145	460-32125-6	j04572.d	10/13/2011	12:47
SO-17338-100511-MM-146	460-32125-7	j04573.d	10/13/2011	13:12
SO-17338-100511-MM-140 MS	460-32125-1 MS	j04574.d	10/13/2011	13:37
SO-17338-100511-MM-140 MSD	460-32125-1 MSD	j04575.d	10/13/2011	14:02
	CCV 460-89343/26	j04579.d	10/13/2011	15:41

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVIS 460-89343/2 Date Analyzed: 10/13/2011 04:24
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j04552.d Heated Purge: (Y/N) N
 Calibration ID: 12658

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1521532	7.88	1126985	11.32	495090	13.76
UPPER LIMIT		3043064	8.38	2253970	11.82	990180	14.26
LOWER LIMIT		760766	7.38	563493	10.82	247545	13.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-89343/3		1519074	7.88	1117807	11.33	497650	13.76
MB 460-89343/4		1558737	7.88	1154362	11.33	425785	13.75
460-32125-9	TB-17338-100511-MM-14 8	1418751	7.88	1075553	11.32	486253	13.75
460-32125-8	FB-17338-100511-MM-14 7	1432362	7.88	1080629	11.33	486292	13.75
460-32125-1	SO-17338-100511-MM-14 0	1420555	7.88	1076521	11.33	481331	13.76
460-32125-2	SO-17338-100511-MM-14 1	1509000	7.89	1170994	11.33	517115	13.77
460-32125-3	SO-17338-100511-MM-14 2	1393738	7.88	1063410	11.33	479051	13.77
460-32125-4	SO-17338-100511-MM-14 3	1469240	7.88	1104051	11.34	488324	13.77
460-32125-5	SO-17338-100511-MM-14 4	1478055	7.89	1152972	11.34	484570	13.77
460-32125-6	SO-17338-100511-MM-14 5	1327863	7.88	1017972	11.33	458803	13.78
460-32125-7	SO-17338-100511-MM-14 6	1484316	7.90	1173080	11.34	509654	13.78
460-32125-1 MS	SO-17338-100511-MM-14 0 MS	1445358	7.89	1123128	11.34	508991	13.78
460-32125-1 MSD	SO-17338-100511-MM-14 0 MSD	1353281	7.89	1028009	11.35	471349	13.78
CCV 460-89343/26		1577209	7.90	1147714	11.36	505425	13.79

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1

Matrix: Solid Lab File ID: j04567.d

Analysis Method: 8260B Date Collected: 10/05/2011 10:30

Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 10:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 18.2 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120	U	120	34
74-87-3	Chloromethane	120	U	120	25
75-01-4	Vinyl chloride	120	U	120	14
74-83-9	Bromomethane	120	U	120	37
75-00-3	Chloroethane	120	U	120	53
75-69-4	Trichlorofluoromethane	120	U	120	19
75-35-4	1,1-Dichloroethene	120	U	120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	34
67-64-1	Acetone	1200	U	1200	290
75-15-0	Carbon disulfide	120	U	120	17
79-20-9	Methyl acetate	240	U	240	39
75-09-2	Methylene Chloride	120	U	120	23
156-60-5	trans-1,2-Dichloroethene	120	U	120	16
1634-04-4	Methyl tert-butyl ether	120	U	120	22
75-34-3	1,1-Dichloroethane	120	U	120	12
156-59-2	cis-1,2-Dichloroethene	120	U	120	23
78-93-3	2-Butanone (MEK)	1200	U	1200	97
67-66-3	Chloroform	120	U	120	18
71-55-6	1,1,1-Trichloroethane	120	U	120	29
110-82-7	Cyclohexane	120	U	120	15
56-23-5	Carbon tetrachloride	120	U	120	21
71-43-2	Benzene	120	U	120	14
107-06-2	1,2-Dichloroethane	120	U	120	29
79-01-6	Trichloroethene	120	U	120	21
108-87-2	Methylcyclohexane	120	U	120	9.5
78-87-5	1,2-Dichloropropane	120	U	120	10
75-27-4	Dichlorobromomethane	120	U	120	11
10061-01-5	cis-1,3-Dichloropropene	120	U	120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	1200	U	1200	81
108-88-3	Toluene	120	U	120	11
10061-02-6	trans-1,3-Dichloropropene	120	U	120	14
79-00-5	1,1,2-Trichloroethane	120	U	120	12
127-18-4	Tetrachloroethene	120	U	120	23
591-78-6	2-Hexanone	1200	U	1200	65
124-48-1	Chlorodibromomethane	120	U	120	12
106-93-4	1,2-Dibromoethane	120	U	120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
 Matrix: Solid Lab File ID: j04567.d
 Analysis Method: 8260B Date Collected: 10/05/2011 10:30
 Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 10:42
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.2 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	120	U	120	20
100-41-4	Ethylbenzene	120	U	120	29
1330-20-7	Xylenes, Total	350	U	350	51
100-42-5	Styrene	120	U	120	16
75-25-2	Bromoform	120	U	120	12
98-82-8	Isopropylbenzene	120	U	120	25
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	10
541-73-1	1,3-Dichlorobenzene	120	U	120	27
106-46-7	1,4-Dichlorobenzene	120	U	120	18
95-50-1	1,2-Dichlorobenzene	120	U	120	19
96-12-8	1,2-Dibromo-3-Chloropropane	120	U	120	18
120-82-1	1,2,4-Trichlorobenzene	120	U	120	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
460-00-4	4-Bromofluorobenzene	103		50-124
2037-26-5	Toluene-d8 (Surr)	100		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: j04567.d
Analysis Method: 8260B Date Collected: 10/05/2011 10:30
Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 10:42
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 18.2 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04567.d
 Report Date: 16-Oct-2011 13:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04567.d
 Lab Smp Id: 460-32125-B-1-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 10:42
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-1-A;50;;12.93;25
 Misc Info : 460-32125-B-1-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 17
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	12.93000	Weight of sample extracted (g)
M	18.20276	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.470	7.466	(0.948)	473334	51.3147	6100	
* 52 Fluorobenzene	96	7.881	7.881	(1.000)	1420555	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.738	9.734	(0.859)	1083451	49.9971	5900	
* 78 Chlorobenzene-d5	117	11.333	11.324	(1.000)	1076521	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.527	12.521	(0.910)	502590	51.6172	6100	
* 108 1,4-Dichlorobenzene-d4	152	13.764	13.759	(1.000)	481331	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04567.d
Report Date: 16-Oct-2011 13:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04567.d
Lab Smp Id: 460-32125-B-1-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 10:42
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-1-A;50;;12.93;25
Misc Info : 460-32125-B-1-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04567.d

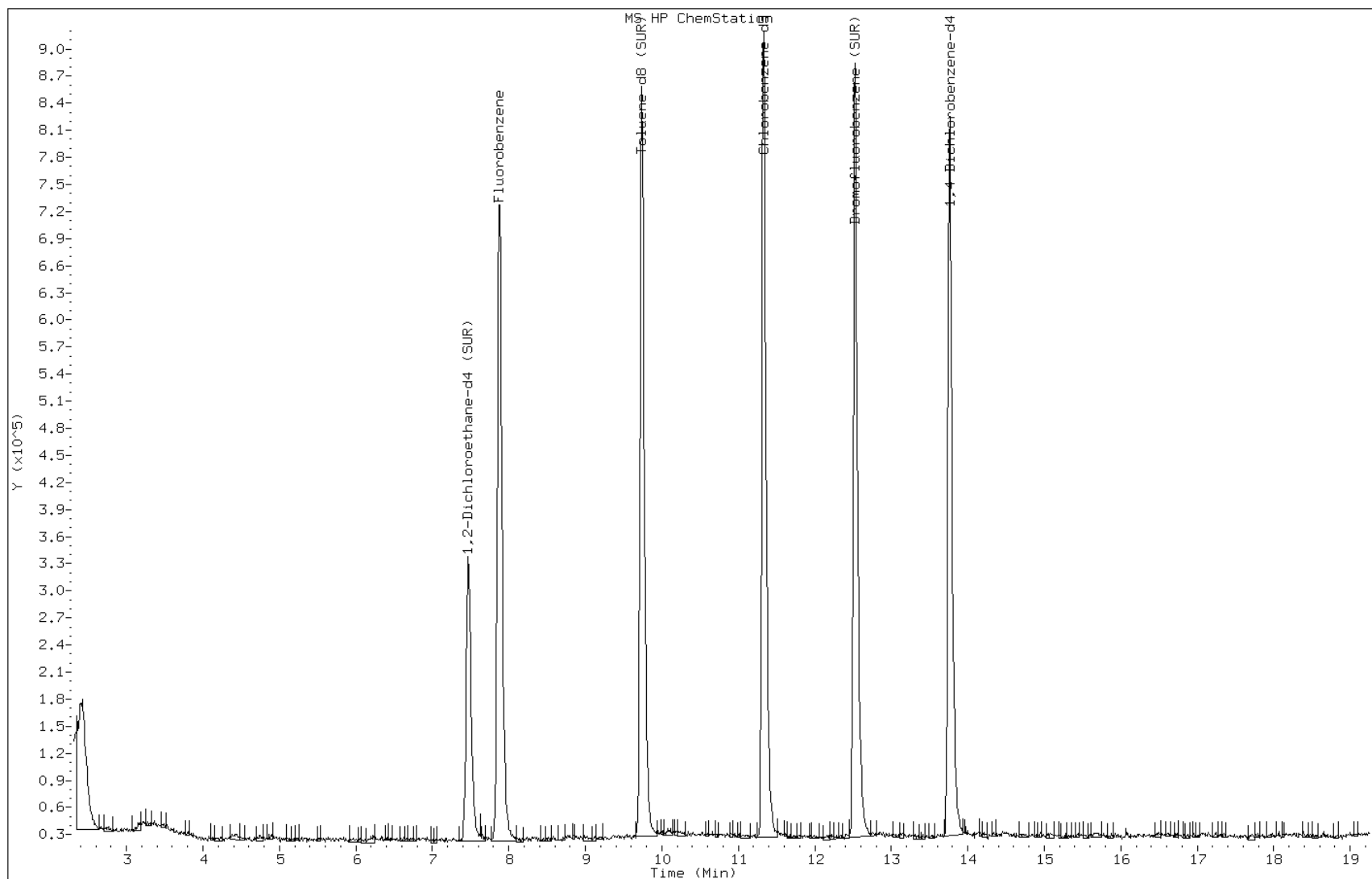
Date: 13-OCT-2011 10:42

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-1-A;50;;12.93;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2

Matrix: Solid Lab File ID: j04568.d

Analysis Method: 8260B Date Collected: 10/05/2011 11:00

Sample wt/vol: 14.01(g) Date Analyzed: 10/13/2011 11:07

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 20.1 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	110	U	110	32
74-87-3	Chloromethane	110	U	110	24
75-01-4	Vinyl chloride	110	U	110	13
74-83-9	Bromomethane	110	U	110	35
75-00-3	Chloroethane	110	U	110	50
75-69-4	Trichlorofluoromethane	110	U	110	18
75-35-4	1,1-Dichloroethene	110	U	110	16
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	110	32
67-64-1	Acetone	1100	U	1100	280
75-15-0	Carbon disulfide	110	U	110	16
79-20-9	Methyl acetate	220	U	220	37
75-09-2	Methylene Chloride	110	U	110	22
156-60-5	trans-1,2-Dichloroethene	110	U	110	15
1634-04-4	Methyl tert-butyl ether	110	U	110	21
75-34-3	1,1-Dichloroethane	110	U	110	11
156-59-2	cis-1,2-Dichloroethene	110	U	110	22
78-93-3	2-Butanone (MEK)	1100	U	1100	92
67-66-3	Chloroform	110	U	110	17
71-55-6	1,1,1-Trichloroethane	110	U	110	28
110-82-7	Cyclohexane	110	U	110	14
56-23-5	Carbon tetrachloride	110	U	110	20
71-43-2	Benzene	110	U	110	13
107-06-2	1,2-Dichloroethane	110	U	110	28
79-01-6	Trichloroethene	110	U	110	20
108-87-2	Methylcyclohexane	110	U	110	9.0
78-87-5	1,2-Dichloropropane	110	U	110	9.8
75-27-4	Dichlorobromomethane	110	U	110	10
10061-01-5	cis-1,3-Dichloropropene	110	U	110	11
108-10-1	4-Methyl-2-pentanone (MIBK)	1100	U	1100	76
108-88-3	Toluene	110	U	110	11
10061-02-6	trans-1,3-Dichloropropene	110	U	110	14
79-00-5	1,1,2-Trichloroethane	110	U	110	11
127-18-4	Tetrachloroethene	110	U	110	22
591-78-6	2-Hexanone	1100	U	1100	61
124-48-1	Chlorodibromomethane	110	U	110	11
106-93-4	1,2-Dibromoethane	110	U	110	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
 Matrix: Solid Lab File ID: j04568.d
 Analysis Method: 8260B Date Collected: 10/05/2011 11:00
 Sample wt/vol: 14.01(g) Date Analyzed: 10/13/2011 11:07
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 20.1 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	110	U	110	18
100-41-4	Ethylbenzene	110	U	110	28
1330-20-7	Xylenes, Total	340	U	340	49
100-42-5	Styrene	110	U	110	16
75-25-2	Bromoform	110	U	110	11
98-82-8	Isopropylbenzene	110	U	110	24
79-34-5	1,1,2,2-Tetrachloroethane	110	U	110	9.6
541-73-1	1,3-Dichlorobenzene	110	U	110	25
106-46-7	1,4-Dichlorobenzene	110	U	110	17
95-50-1	1,2-Dichlorobenzene	110	U	110	18
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	110	17
120-82-1	1,2,4-Trichlorobenzene	110	U	110	49

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		57-135
460-00-4	4-Bromofluorobenzene	98		50-124
2037-26-5	Toluene-d8 (Surr)	96		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: j04568.d
Analysis Method: 8260B Date Collected: 10/05/2011 11:00
Sample wt/vol: 14.01(g) Date Analyzed: 10/13/2011 11:07
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 20.1 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04568.d
 Report Date: 14-Oct-2011 11:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04568.d
 Lab Smp Id: 460-32125-B-2-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 11:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-2-A;50;;14.01;25
 Misc Info : 460-32125-B-2-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 18
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.01000	Weight of sample extracted (g)
M	20.13129	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.478	7.466	(0.948)	483702	49.3652	5500	
* 52 Fluorobenzene	96	7.887	7.881	(1.000)	1509000	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.743	9.734	(0.860)	1134521	48.1300	5400	
* 78 Chlorobenzene-d5	117	11.334	11.324	(1.000)	1170994	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.527	12.521	(0.910)	513165	49.0563	5500	
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.759	(1.000)	517115	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04568.d
Report Date: 14-Oct-2011 11:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04568.d
Lab Smp Id: 460-32125-B-2-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 11:07
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-2-A;50;;14.01;25
Misc Info : 460-32125-B-2-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 18
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

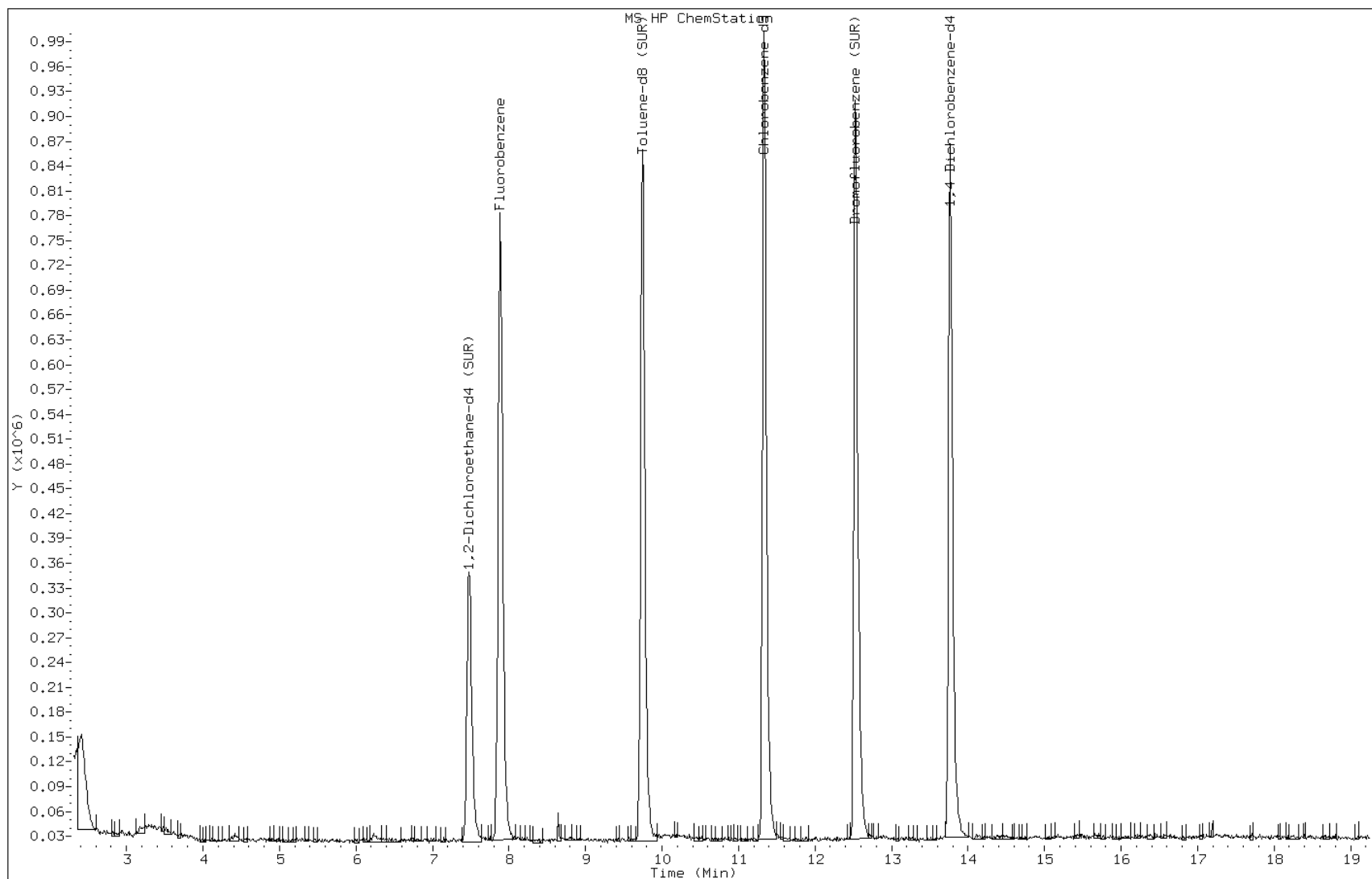
Data File: j04568.d

Date: 13-OCT-2011 11:07

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-2-A;50;;14.01;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3

Matrix: Solid Lab File ID: j04569.d

Analysis Method: 8260B Date Collected: 10/05/2011 11:30

Sample wt/vol: 20.2(g) Date Analyzed: 10/13/2011 11:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 18.5 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	76	U	76	22
74-87-3	Chloromethane	76	U	76	16
75-01-4	Vinyl chloride	76	U	76	9.1
74-83-9	Bromomethane	76	U	76	24
75-00-3	Chloroethane	76	U	76	34
75-69-4	Trichlorofluoromethane	76	U	76	12
75-35-4	1,1-Dichloroethene	76	U	76	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	76	U	76	22
67-64-1	Acetone	760	U	760	190
75-15-0	Carbon disulfide	76	U	76	11
79-20-9	Methyl acetate	150	U	150	25
75-09-2	Methylene Chloride	76	U	76	15
156-60-5	trans-1,2-Dichloroethene	76	U	76	10
1634-04-4	Methyl tert-butyl ether	76	U	76	14
75-34-3	1,1-Dichloroethane	76	U	76	7.6
156-59-2	cis-1,2-Dichloroethene	76	U	76	15
78-93-3	2-Butanone (MEK)	760	U	760	62
67-66-3	Chloroform	76	U	76	12
71-55-6	1,1,1-Trichloroethane	76	U	76	19
110-82-7	Cyclohexane	76	U	76	9.4
56-23-5	Carbon tetrachloride	76	U	76	14
71-43-2	Benzene	76	U	76	9.0
107-06-2	1,2-Dichloroethane	76	U	76	19
79-01-6	Trichloroethene	76	U	76	13
108-87-2	Methylcyclohexane	76	U	76	6.1
78-87-5	1,2-Dichloropropane	76	U	76	6.6
75-27-4	Dichlorobromomethane	76	U	76	6.8
10061-01-5	cis-1,3-Dichloropropene	76	U	76	7.8
108-10-1	4-Methyl-2-pentanone (MIBK)	760	U	760	52
108-88-3	Toluene	76	U	76	7.2
10061-02-6	trans-1,3-Dichloropropene	76	U	76	9.3
79-00-5	1,1,2-Trichloroethane	76	U	76	7.4
127-18-4	Tetrachloroethene	76	U	76	15
591-78-6	2-Hexanone	760	U	760	41
124-48-1	Chlorodibromomethane	76	U	76	7.6
106-93-4	1,2-Dibromoethane	76	U	76	6.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
 Matrix: Solid Lab File ID: j04569.d
 Analysis Method: 8260B Date Collected: 10/05/2011 11:30
 Sample wt/vol: 20.2(g) Date Analyzed: 10/13/2011 11:32
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 18.5 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	76	U	76	13
100-41-4	Ethylbenzene	76	U	76	19
1330-20-7	Xylenes, Total	230	U	230	33
100-42-5	Styrene	76	U	76	11
75-25-2	Bromoform	76	U	76	7.5
98-82-8	Isopropylbenzene	76	U	76	16
79-34-5	1,1,2,2-Tetrachloroethane	76	U	76	6.5
541-73-1	1,3-Dichlorobenzene	76	U	76	17
106-46-7	1,4-Dichlorobenzene	76	U	76	11
95-50-1	1,2-Dichlorobenzene	76	U	76	12
96-12-8	1,2-Dibromo-3-Chloropropane	76	U	76	12
120-82-1	1,2,4-Trichlorobenzene	76	U	76	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		57-135
460-00-4	4-Bromofluorobenzene	97		50-124
2037-26-5	Toluene-d8 (Surr)	97		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: j04569.d
Analysis Method: 8260B Date Collected: 10/05/2011 11:30
Sample wt/vol: 20.2(g) Date Analyzed: 10/13/2011 11:32
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 18.5 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04569.d
 Report Date: 16-Oct-2011 13:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04569.d
 Lab Smp Id: 460-32125-B-3-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 11:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-3-A;50;;20.2;25
 Misc Info : 460-32125-B-3-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 19
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	20.20000	Weight of sample extracted (g)
M	18.46154	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.473	7.466	(0.948)	432166	47.7531	3600	
* 52 Fluorobenzene	96	7.883	7.881	(1.000)	1393738	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.743	9.734	(0.860)	1033742	48.2913	3700	
* 78 Chlorobenzene-d5	117	11.335	11.324	(1.000)	1063410	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.531	12.521	(0.910)	472064	48.7129	3700	
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.759	(1.000)	479051	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04569.d
Report Date: 16-Oct-2011 13:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04569.d
Lab Smp Id: 460-32125-B-3-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 11:32
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-3-A;50;;20.2;25
Misc Info : 460-32125-B-3-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04569.d

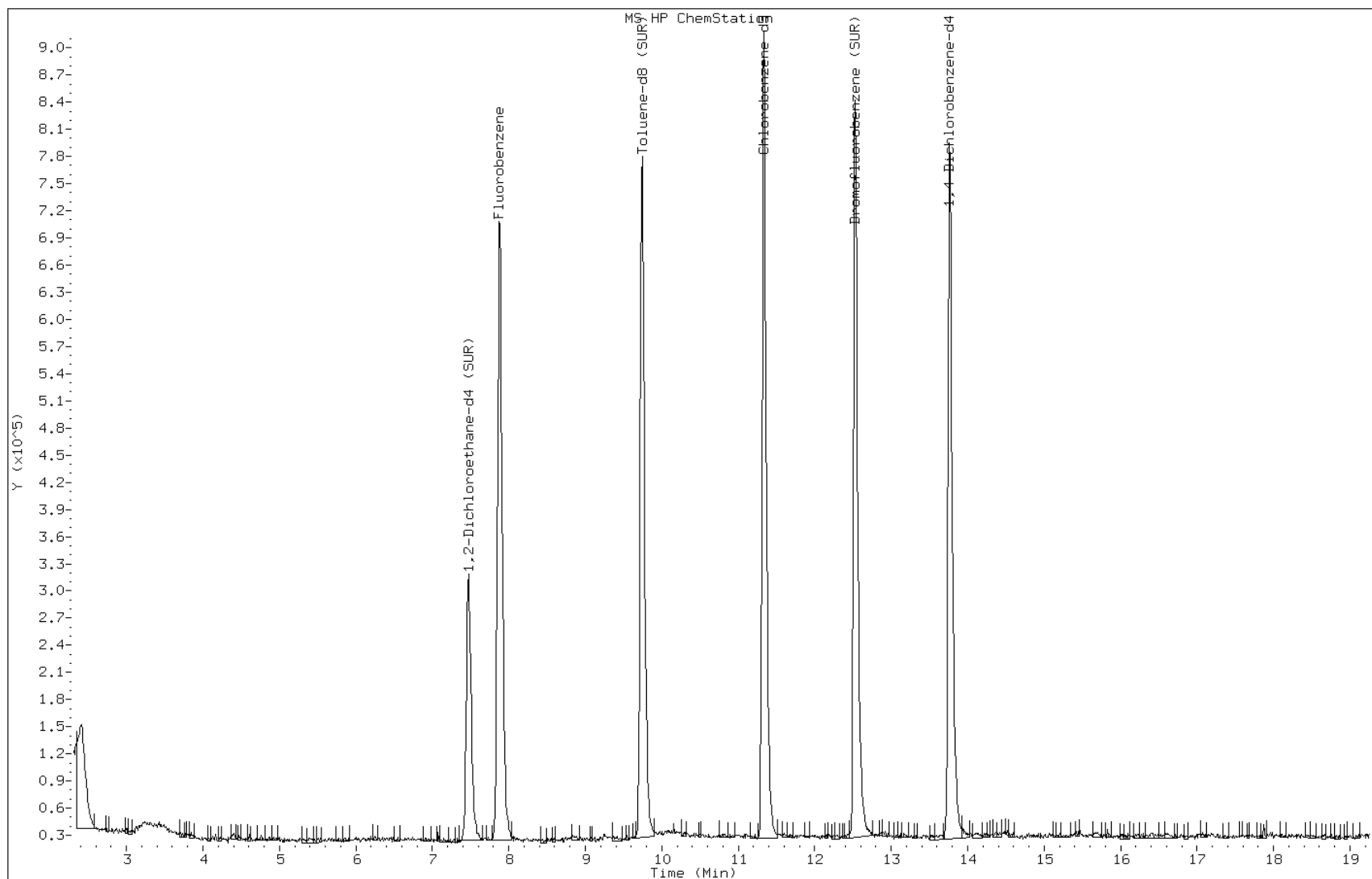
Date: 13-OCT-2011 11:32

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-3-A;50;;20.2;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4

Matrix: Solid Lab File ID: j04570.d

Analysis Method: 8260B Date Collected: 10/05/2011 12:15

Sample wt/vol: 7.69(g) Date Analyzed: 10/13/2011 11:57

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 57.4 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	380	U	380	110
74-87-3	Chloromethane	380	U	380	80
75-01-4	Vinyl chloride	380	U	380	46
74-83-9	Bromomethane	380	U	380	120
75-00-3	Chloroethane	380	U	380	170
75-69-4	Trichlorofluoromethane	380	U	380	60
75-35-4	1,1-Dichloroethene	380	U	380	54
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	380	U	380	110
67-64-1	Acetone	3800	U	3800	950
75-15-0	Carbon disulfide	380	U	380	56
79-20-9	Methyl acetate	760	U	760	130
75-09-2	Methylene Chloride	380	U	380	74
156-60-5	trans-1,2-Dichloroethene	380	U	380	53
1634-04-4	Methyl tert-butyl ether	380	U	380	71
75-34-3	1,1-Dichloroethane	380	U	380	38
156-59-2	cis-1,2-Dichloroethene	380	U	380	74
78-93-3	2-Butanone (MEK)	3800	U	3800	310
67-66-3	Chloroform	380	U	380	59
71-55-6	1,1,1-Trichloroethane	380	U	380	94
110-82-7	Cyclohexane	380	U	380	47
56-23-5	Carbon tetrachloride	380	U	380	69
71-43-2	Benzene	380	U	380	45
107-06-2	1,2-Dichloroethane	380	U	380	94
79-01-6	Trichloroethene	380	U	380	68
108-87-2	Methylcyclohexane	380	U	380	31
78-87-5	1,2-Dichloropropane	380	U	380	33
75-27-4	Dichlorobromomethane	380	U	380	34
10061-01-5	cis-1,3-Dichloropropene	380	U	380	39
108-10-1	4-Methyl-2-pentanone (MIBK)	3800	U	3800	260
108-88-3	Toluene	100	J	380	36
10061-02-6	trans-1,3-Dichloropropene	380	U	380	47
79-00-5	1,1,2-Trichloroethane	380	U	380	37
127-18-4	Tetrachloroethene	380	U	380	75
591-78-6	2-Hexanone	3800	U	3800	210
124-48-1	Chlorodibromomethane	380	U	380	38
106-93-4	1,2-Dibromoethane	380	U	380	35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
 Matrix: Solid Lab File ID: j04570.d
 Analysis Method: 8260B Date Collected: 10/05/2011 12:15
 Sample wt/vol: 7.69(g) Date Analyzed: 10/13/2011 11:57
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 57.4 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	380	U	380	63
100-41-4	Ethylbenzene	380	U	380	94
1330-20-7	Xylenes, Total	1100	U	1100	170
100-42-5	Styrene	380	U	380	53
75-25-2	Bromoform	380	U	380	38
98-82-8	Isopropylbenzene	380	U	380	81
79-34-5	1,1,2,2-Tetrachloroethane	380	U	380	33
541-73-1	1,3-Dichlorobenzene	380	U	380	86
106-46-7	1,4-Dichlorobenzene	380	U	380	58
95-50-1	1,2-Dichlorobenzene	380	U	380	62
96-12-8	1,2-Dibromo-3-Chloropropane	380	U	380	59
120-82-1	1,2,4-Trichlorobenzene	380	U	380	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		57-135
460-00-4	4-Bromofluorobenzene	97		50-124
2037-26-5	Toluene-d8 (Surr)	97		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: j04570.d
Analysis Method: 8260B Date Collected: 10/05/2011 12:15
Sample wt/vol: 7.69(g) Date Analyzed: 10/13/2011 11:57
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 57.4 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04570.d
 Report Date: 16-Oct-2011 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04570.d
 Lab Smp Id: 460-32125-B-4-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 11:57
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-4-A;50;;7.69;25
 Misc Info : 460-32125-B-4-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 20
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	7.69000	Weight of sample extracted (g)
M	57.41176	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/L) (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		7.466	7.466	(0.948)	455608	47.7563 18000
* 52 Fluorobenzene	96		7.878	7.881	(1.000)	1469240	50.0000
\$ 65 Toluene-d8 (SUR)	98		9.743	9.734	(0.859)	1074549	48.3498 18000
66 Toluene	91		9.816	9.817	(0.866)	8303	0.26075 100(a)
* 78 Chlorobenzene-d5	117		11.337	11.324	(1.000)	1104051	50.0000
84 o-Xylene	106		11.985	11.984	(1.057)	2730	0.22506 86(a)
\$ 89 Bromofluorobenzene (SUR)	174		12.537	12.521	(0.911)	479879	48.5789 18000
97 1,3,5-Trimethylbenzene	105		12.921	12.931	(0.939)	10095	0.45543 170(a)
101 1,2,4-Trimethylbenzene	105		13.357	13.330	(0.970)	16676	0.72146 280(a)
* 108 1,4-Dichlorobenzene-d4	152		13.768	13.759	(1.000)	488324	50.0000
116 Naphthalene	128		16.840	16.837	(1.223)	18464	1.81482 690

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04570.d
Report Date: 16-Oct-2011 13:17

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04570.d
Report Date: 16-Oct-2011 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04570.d
Lab Smp Id: 460-32125-B-4-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 11:57
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-4-A;50;;7.69;25
Misc Info : 460-32125-B-4-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04570.d

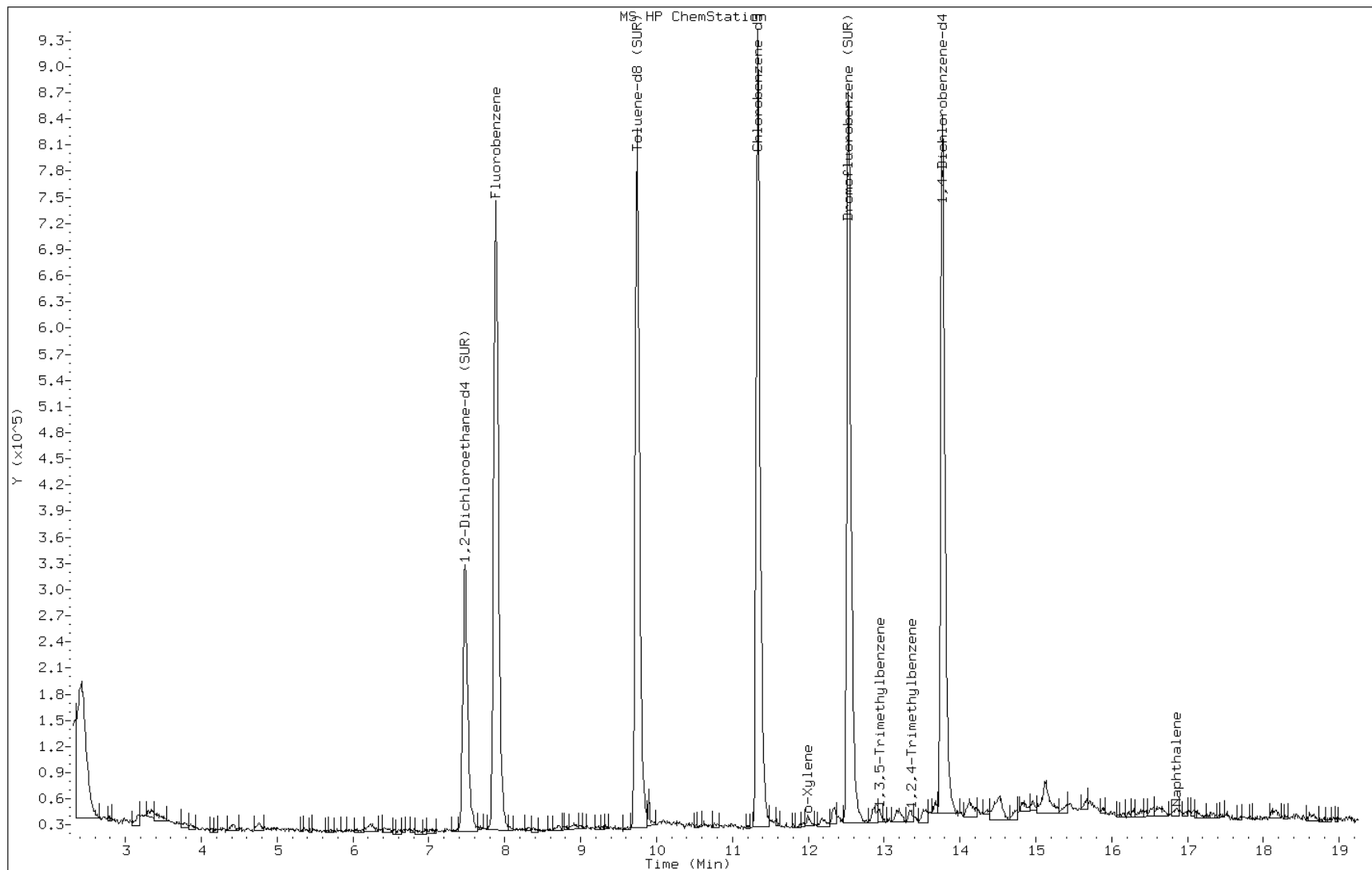
Date: 13-OCT-2011 11:57

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-4-A;50;;7.69;25

Operator:



Data File: j04570.d

Date: 13-OCT-2011 11:57

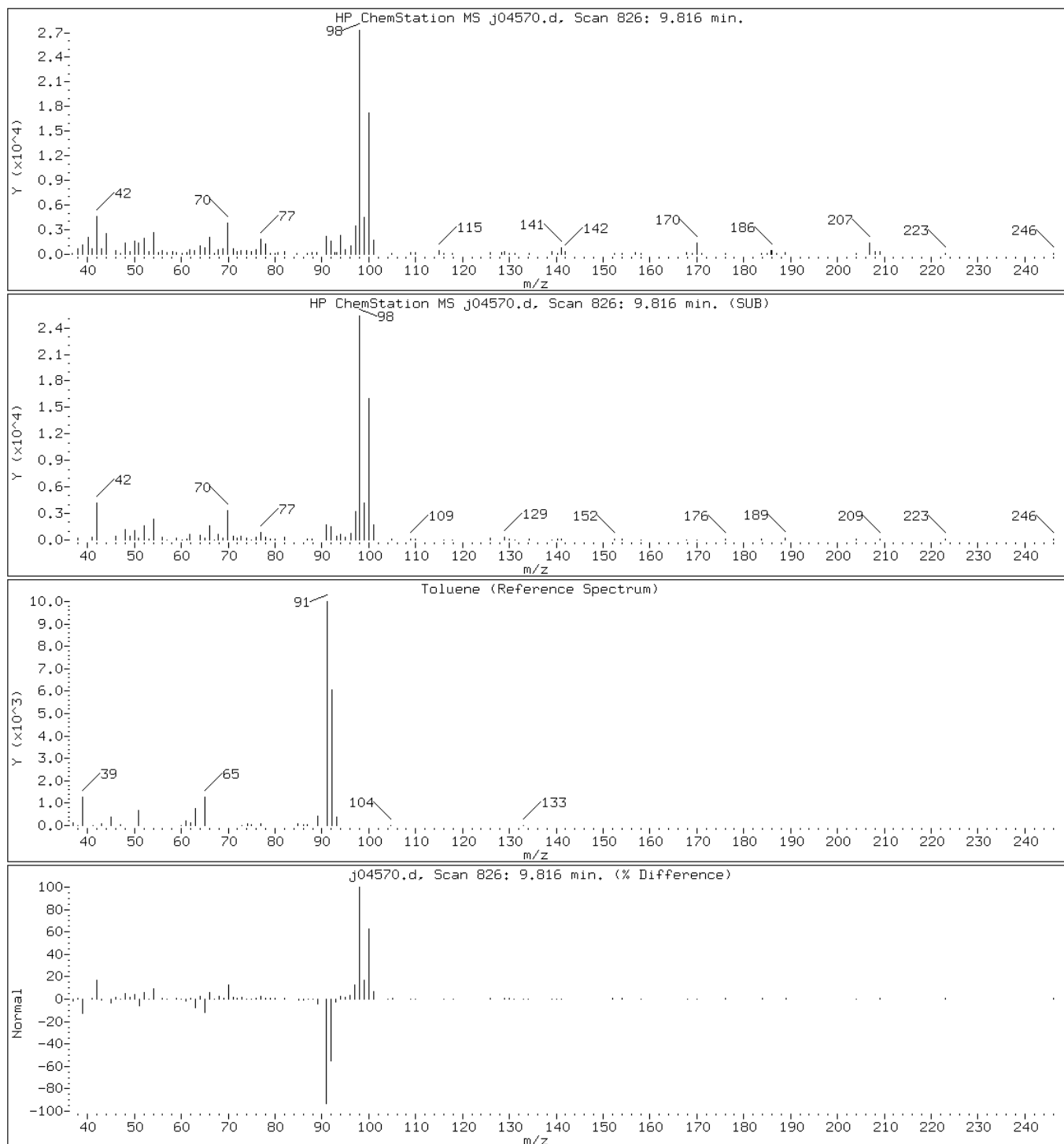
Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-4-A;50;;7.69;25

Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5

Matrix: Solid Lab File ID: j04571.d

Analysis Method: 8260B Date Collected: 10/05/2011 12:30

Sample wt/vol: 16.99(g) Date Analyzed: 10/13/2011 12:22

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 67.7 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	230	U	230	65
74-87-3	Chloromethane	230	U	230	48
75-01-4	Vinyl chloride	230	U	230	27
74-83-9	Bromomethane	230	U	230	71
75-00-3	Chloroethane	230	U	230	100
75-69-4	Trichlorofluoromethane	230	U	230	36
75-35-4	1,1-Dichloroethene	230	U	230	32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	230	U	230	65
67-64-1	Acetone	2300	U	2300	570
75-15-0	Carbon disulfide	230	U	230	33
79-20-9	Methyl acetate	460	U	460	75
75-09-2	Methylene Chloride	230	U	230	44
156-60-5	trans-1,2-Dichloroethene	230	U	230	31
1634-04-4	Methyl tert-butyl ether	230	U	230	42
75-34-3	1,1-Dichloroethane	230	U	230	23
156-59-2	cis-1,2-Dichloroethene	230	U	230	44
78-93-3	2-Butanone (MEK)	2300	U	2300	190
67-66-3	Chloroform	230	U	230	35
71-55-6	1,1,1-Trichloroethane	230	U	230	56
110-82-7	Cyclohexane	230	U	230	28
56-23-5	Carbon tetrachloride	230	U	230	41
71-43-2	Benzene	230	U	230	27
107-06-2	1,2-Dichloroethane	230	U	230	56
79-01-6	Trichloroethene	230	U	230	40
108-87-2	Methylcyclohexane	230	U	230	18
78-87-5	1,2-Dichloropropane	230	U	230	20
75-27-4	Dichlorobromomethane	230	U	230	20
10061-01-5	cis-1,3-Dichloropropene	230	U	230	23
108-10-1	4-Methyl-2-pentanone (MIBK)	2300	U	2300	160
108-88-3	Toluene	62	J	230	22
10061-02-6	trans-1,3-Dichloropropene	230	U	230	28
79-00-5	1,1,2-Trichloroethane	230	U	230	22
127-18-4	Tetrachloroethene	230	U	230	45
591-78-6	2-Hexanone	2300	U	2300	120
124-48-1	Chlorodibromomethane	230	U	230	23
106-93-4	1,2-Dibromoethane	230	U	230	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
 Matrix: Solid Lab File ID: j04571.d
 Analysis Method: 8260B Date Collected: 10/05/2011 12:30
 Sample wt/vol: 16.99(g) Date Analyzed: 10/13/2011 12:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 67.7 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	230	U	230	38
100-41-4	Ethylbenzene	230	U	230	56
1330-20-7	Xylenes, Total	680	U	680	99
100-42-5	Styrene	230	U	230	32
75-25-2	Bromoform	230	U	230	23
98-82-8	Isopropylbenzene	230	U	230	48
79-34-5	1,1,2,2-Tetrachloroethane	230	U	230	20
541-73-1	1,3-Dichlorobenzene	230	U	230	51
106-46-7	1,4-Dichlorobenzene	230	U	230	34
95-50-1	1,2-Dichlorobenzene	230	U	230	37
96-12-8	1,2-Dibromo-3-Chloropropane	230	U	230	35
120-82-1	1,2,4-Trichlorobenzene	230	U	230	99

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	74		57-135
460-00-4	4-Bromofluorobenzene	71		50-124
2037-26-5	Toluene-d8 (Surr)	70		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: j04571.d
Analysis Method: 8260B Date Collected: 10/05/2011 12:30
Sample wt/vol: 16.99(g) Date Analyzed: 10/13/2011 12:22
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 67.7 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04571.d
 Report Date: 16-Oct-2011 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04571.d
 Lab Smp Id: 460-32125-B-5-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 12:22
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-5-A;50;;16.99;25
 Misc Info : 460-32125-B-5-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 21
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	16.99000	Weight of sample extracted (g)
M	67.67677	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.478	7.466	(0.948)	355746	37.0665	8400	
* 52 Fluorobenzene	96	7.889	7.881	(1.000)	1478055	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.752	9.734	(0.860)	814272	35.0840	8000	
66 Toluene	91	9.825	9.817	(0.867)	9039	0.27181	62(aH)	
* 78 Chlorobenzene-d5	117	11.338	11.324	(1.000)	1152972	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.533	12.521	(0.910)	346894	35.3887	8000	
* 108 1,4-Dichlorobenzene-d4	152	13.769	13.759	(1.000)	484570	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04571.d
Report Date: 16-Oct-2011 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04571.d
Lab Smp Id: 460-32125-B-5-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 12:22
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-5-A;50;;16.99;25
Misc Info : 460-32125-B-5-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04571.d

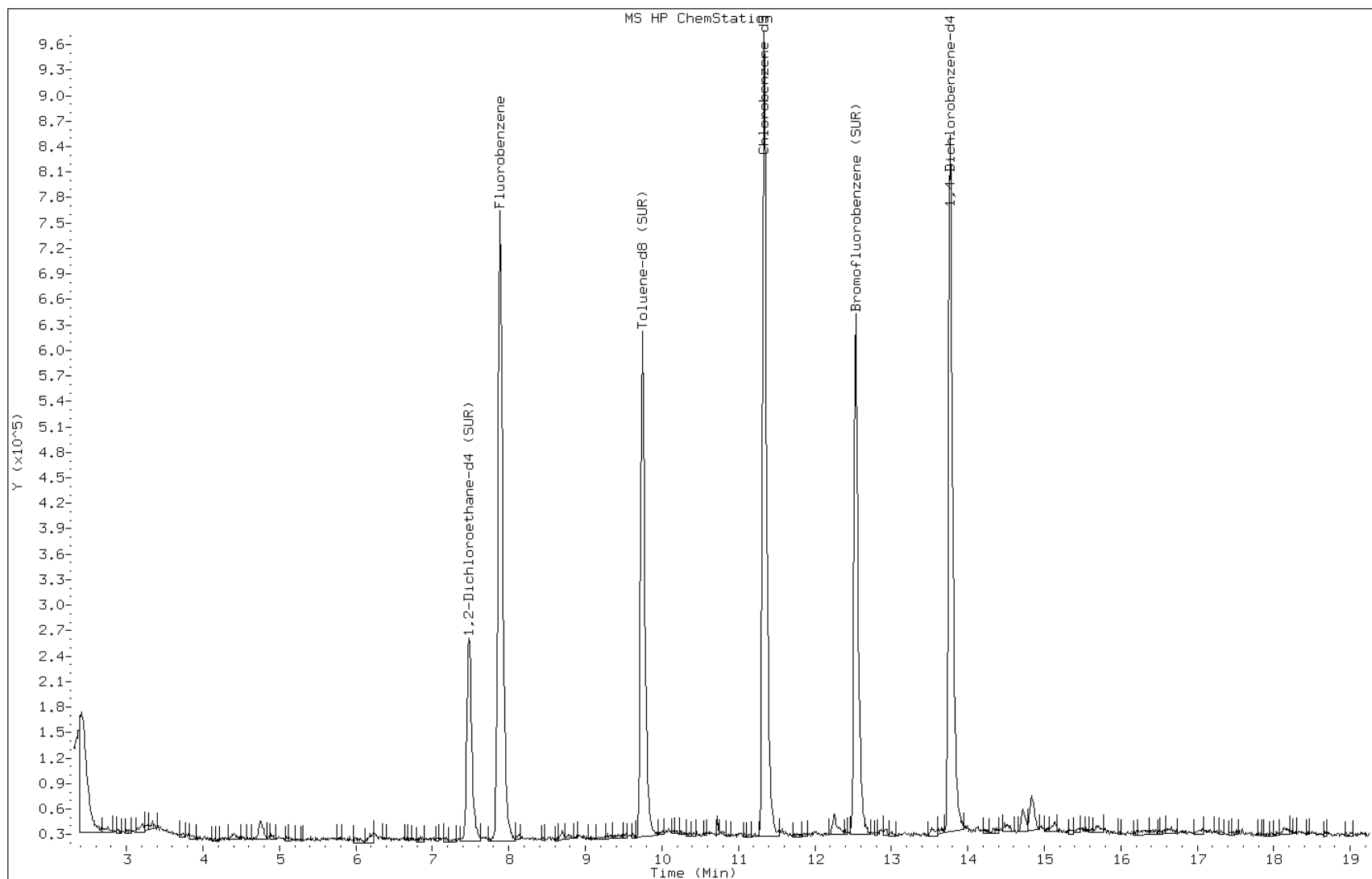
Date: 13-OCT-2011 12:22

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-5-A;50;;16.99;25

Operator:



Data File: j04571.d

Date: 13-OCT-2011 12:22

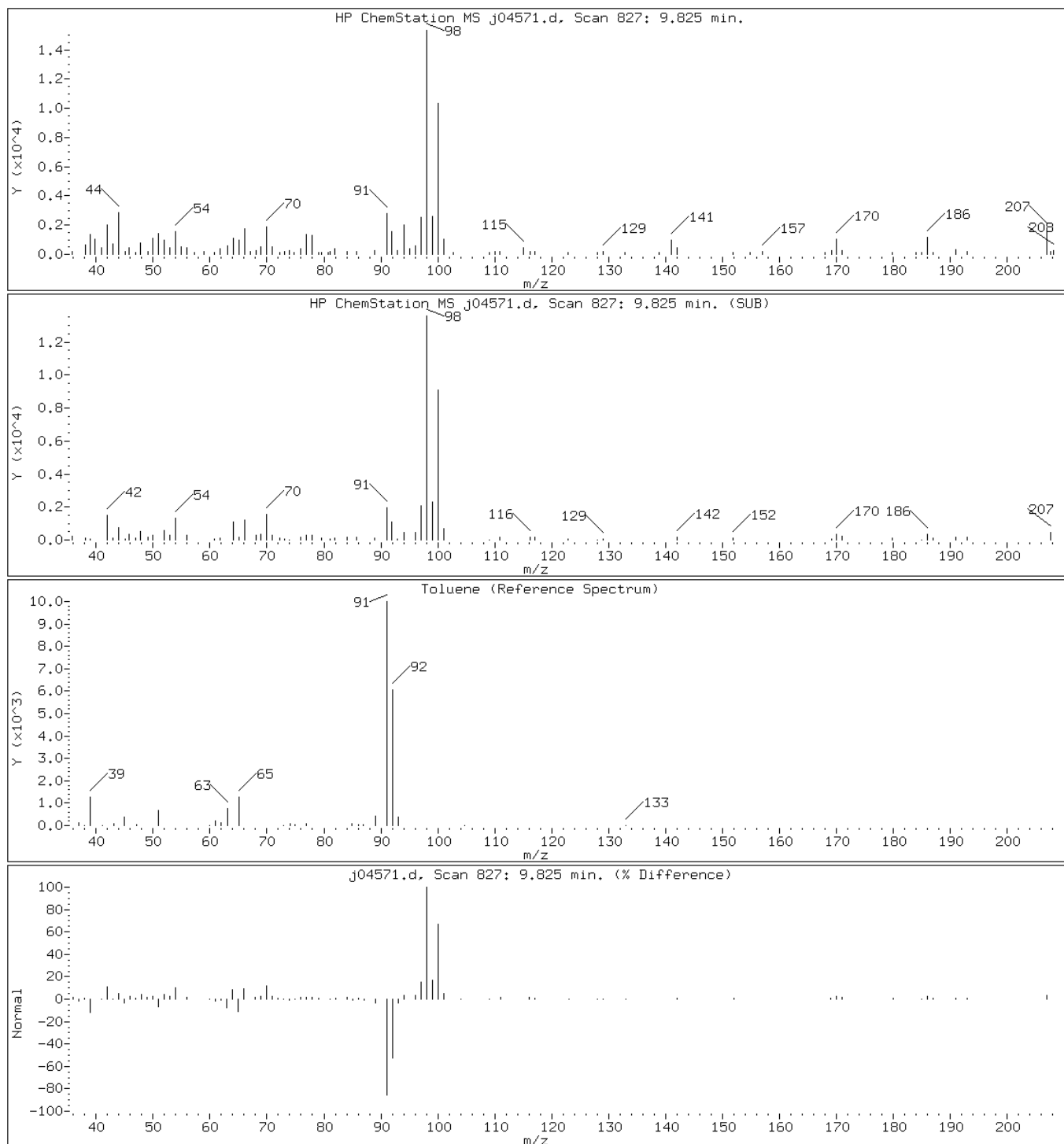
Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-5-A;50;;16.99;25

Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6

Matrix: Solid Lab File ID: j04572.d

Analysis Method: 8260B Date Collected: 10/05/2011 12:50

Sample wt/vol: 15.48(g) Date Analyzed: 10/13/2011 12:47

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 30.0 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120	U	120	33
74-87-3	Chloromethane	120	U	120	24
75-01-4	Vinyl chloride	120	U	120	14
74-83-9	Bromomethane	120	U	120	36
75-00-3	Chloroethane	120	U	120	51
75-69-4	Trichlorofluoromethane	120	U	120	18
75-35-4	1,1-Dichloroethene	120	U	120	16
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	33
67-64-1	Acetone	1200	U	1200	290
75-15-0	Carbon disulfide	120	U	120	17
79-20-9	Methyl acetate	230	U	230	38
75-09-2	Methylene Chloride	120	U	120	22
156-60-5	trans-1,2-Dichloroethene	120	U	120	16
1634-04-4	Methyl tert-butyl ether	120	U	120	21
75-34-3	1,1-Dichloroethane	120	U	120	12
156-59-2	cis-1,2-Dichloroethene	120	U	120	22
78-93-3	2-Butanone (MEK)	1200	U	1200	95
67-66-3	Chloroform	120	U	120	18
71-55-6	1,1,1-Trichloroethane	120	U	120	29
110-82-7	Cyclohexane	120	U	120	14
56-23-5	Carbon tetrachloride	120	U	120	21
71-43-2	Benzene	120	U	120	14
107-06-2	1,2-Dichloroethane	120	U	120	28
79-01-6	Trichloroethene	120	U	120	20
108-87-2	Methylcyclohexane	120	U	120	9.2
78-87-5	1,2-Dichloropropane	120	U	120	10
75-27-4	Dichlorobromomethane	120	U	120	10
10061-01-5	cis-1,3-Dichloropropene	120	U	120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	1200	U	1200	79
108-88-3	Toluene	120	U	120	11
10061-02-6	trans-1,3-Dichloropropene	120	U	120	14
79-00-5	1,1,2-Trichloroethane	120	U	120	11
127-18-4	Tetrachloroethene	120	U	120	23
591-78-6	2-Hexanone	1200	U	1200	63
124-48-1	Chlorodibromomethane	120	U	120	12
106-93-4	1,2-Dibromoethane	120	U	120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
 Matrix: Solid Lab File ID: j04572.d
 Analysis Method: 8260B Date Collected: 10/05/2011 12:50
 Sample wt/vol: 15.48(g) Date Analyzed: 10/13/2011 12:47
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 30.0 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	120	U	120	19
100-41-4	Ethylbenzene	120	U	120	28
1330-20-7	Xylenes, Total	350	U	350	50
100-42-5	Styrene	120	U	120	16
75-25-2	Bromoform	120	U	120	11
98-82-8	Isopropylbenzene	120	U	120	24
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	10
541-73-1	1,3-Dichlorobenzene	120	U	120	26
106-46-7	1,4-Dichlorobenzene	120	U	120	17
95-50-1	1,2-Dichlorobenzene	120	U	120	19
96-12-8	1,2-Dibromo-3-Chloropropane	120	U	120	18
120-82-1	1,2,4-Trichlorobenzene	120	U	120	50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		57-135
460-00-4	4-Bromofluorobenzene	101		50-124
2037-26-5	Toluene-d8 (Surr)	102		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: j04572.d
Analysis Method: 8260B Date Collected: 10/05/2011 12:50
Sample wt/vol: 15.48(g) Date Analyzed: 10/13/2011 12:47
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 30.0 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04572.d
 Report Date: 14-Oct-2011 11:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04572.d
 Lab Smp Id: 460-32125-B-6-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 12:47
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-6-A;50;;15.48;25
 Misc Info : 460-32125-B-6-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 22
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	15.48000	Weight of sample extracted (g)
M	30.04695	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.475	7.466	(0.948)	447596	51.9117	6000	
* 52 Fluorobenzene	96	7.885	7.881	(1.000)	1327863	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.749	9.734	(0.860)	1041977	50.8487	5900	
* 78 Chlorobenzene-d5	117	11.335	11.324	(1.000)	1017972	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.537	12.521	(0.910)	470936	50.7411	5800	
* 108 1,4-Dichlorobenzene-d4	152	13.776	13.759	(1.000)	458803	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04572.d
Report Date: 14-Oct-2011 11:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04572.d
Lab Smp Id: 460-32125-B-6-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 12:47
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-6-A;50;;15.48;25
Misc Info : 460-32125-B-6-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

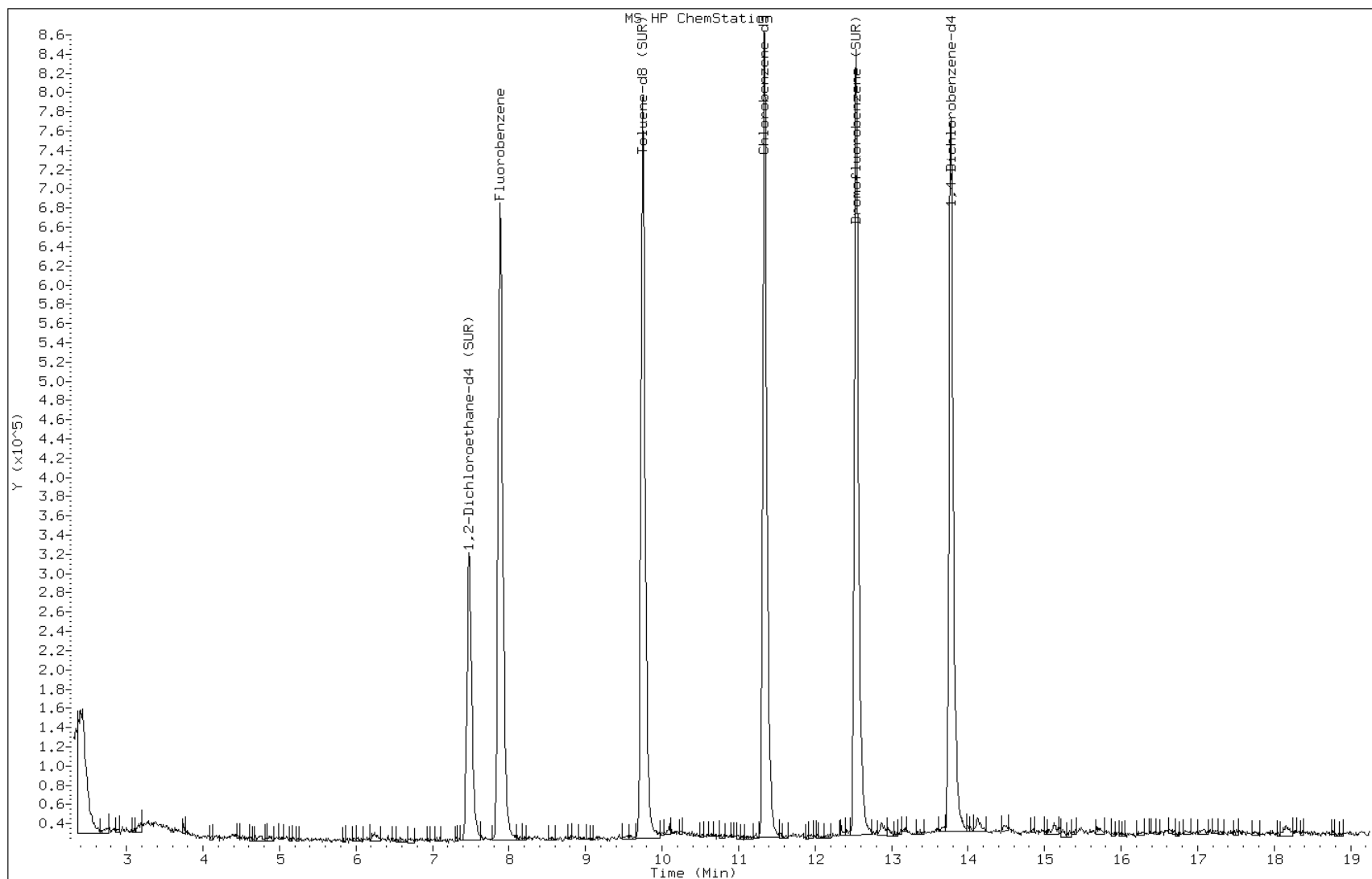
Data File: j04572.d

Date: 13-OCT-2011 12:47

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-6-A;50;;15.48;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7

Matrix: Solid Lab File ID: j04573.d

Analysis Method: 8260B Date Collected: 10/05/2011 13:15

Sample wt/vol: 14.76(g) Date Analyzed: 10/13/2011 13:12

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 20.7 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	110	U	110	30
74-87-3	Chloromethane	110	U	110	22
75-01-4	Vinyl chloride	110	U	110	13
74-83-9	Bromomethane	110	U	110	34
75-00-3	Chloroethane	110	U	110	48
75-69-4	Trichlorofluoromethane	110	U	110	17
75-35-4	1,1-Dichloroethene	110	U	110	15
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	110	31
67-64-1	Acetone	1100	U	1100	270
75-15-0	Carbon disulfide	110	U	110	16
79-20-9	Methyl acetate	210	U	210	35
75-09-2	Methylene Chloride	110	U	110	21
156-60-5	trans-1,2-Dichloroethene	110	U	110	15
1634-04-4	Methyl tert-butyl ether	110	U	110	20
75-34-3	1,1-Dichloroethane	110	U	110	11
156-59-2	cis-1,2-Dichloroethene	110	U	110	21
78-93-3	2-Butanone (MEK)	1100	U	1100	88
67-66-3	Chloroform	110	U	110	17
71-55-6	1,1,1-Trichloroethane	110	U	110	26
110-82-7	Cyclohexane	110	U	110	13
56-23-5	Carbon tetrachloride	110	U	110	19
71-43-2	Benzene	110	U	110	13
107-06-2	1,2-Dichloroethane	110	U	110	26
79-01-6	Trichloroethene	110	U	110	19
108-87-2	Methylcyclohexane	110	U	110	8.6
78-87-5	1,2-Dichloropropane	110	U	110	9.3
75-27-4	Dichlorobromomethane	110	U	110	9.6
10061-01-5	cis-1,3-Dichloropropene	110	U	110	11
108-10-1	4-Methyl-2-pentanone (MIBK)	1100	U	1100	73
108-88-3	Toluene	110	U	110	10
10061-02-6	trans-1,3-Dichloropropene	110	U	110	13
79-00-5	1,1,2-Trichloroethane	110	U	110	10
127-18-4	Tetrachloroethene	110	U	110	21
591-78-6	2-Hexanone	1100	U	1100	58
124-48-1	Chlorodibromomethane	110	U	110	11
106-93-4	1,2-Dibromoethane	110	U	110	9.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
 Matrix: Solid Lab File ID: j04573.d
 Analysis Method: 8260B Date Collected: 10/05/2011 13:15
 Sample wt/vol: 14.76(g) Date Analyzed: 10/13/2011 13:12
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 20.7 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	110	U	110	18
100-41-4	Ethylbenzene	110	U	110	26
1330-20-7	Xylenes, Total	320	U	320	46
100-42-5	Styrene	110	U	110	15
75-25-2	Bromoform	110	U	110	11
98-82-8	Isopropylbenzene	110	U	110	23
79-34-5	1,1,2,2-Tetrachloroethane	110	U	110	9.2
541-73-1	1,3-Dichlorobenzene	110	U	110	24
106-46-7	1,4-Dichlorobenzene	110	U	110	16
95-50-1	1,2-Dichlorobenzene	110	U	110	17
96-12-8	1,2-Dibromo-3-Chloropropane	110	U	110	16
120-82-1	1,2,4-Trichlorobenzene	110	U	110	47

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		57-135
460-00-4	4-Bromofluorobenzene	101		50-124
2037-26-5	Toluene-d8 (Surr)	98		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: j04573.d
Analysis Method: 8260B Date Collected: 10/05/2011 13:15
Sample wt/vol: 14.76(g) Date Analyzed: 10/13/2011 13:12
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 20.7 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04573.d
 Report Date: 16-Oct-2011 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04573.d
 Lab Smp Id: 460-32125-B-7-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 13:12
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-7-A;50;;14.76;25
 Misc Info : 460-32125-B-7-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 23
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.76000	Weight of sample extracted (g)
M	20.68127	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.488	7.466	(0.948)	493437	51.1962	5500	
* 52 Fluorobenzene	96	7.898	7.881	(1.000)	1484316	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.751	9.734	(0.860)	1162667	49.2363	5200	
* 78 Chlorobenzene-d5	117	11.343	11.324	(1.000)	1173080	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.535	12.521	(0.910)	521852	50.6170	5400	
* 108 1,4-Dichlorobenzene-d4	152	13.775	13.759	(1.000)	509654	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04573.d
Report Date: 16-Oct-2011 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04573.d
Lab Smp Id: 460-32125-B-7-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 13:12
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-7-A;50;;14.76;25
Misc Info : 460-32125-B-7-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 23
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04573.d

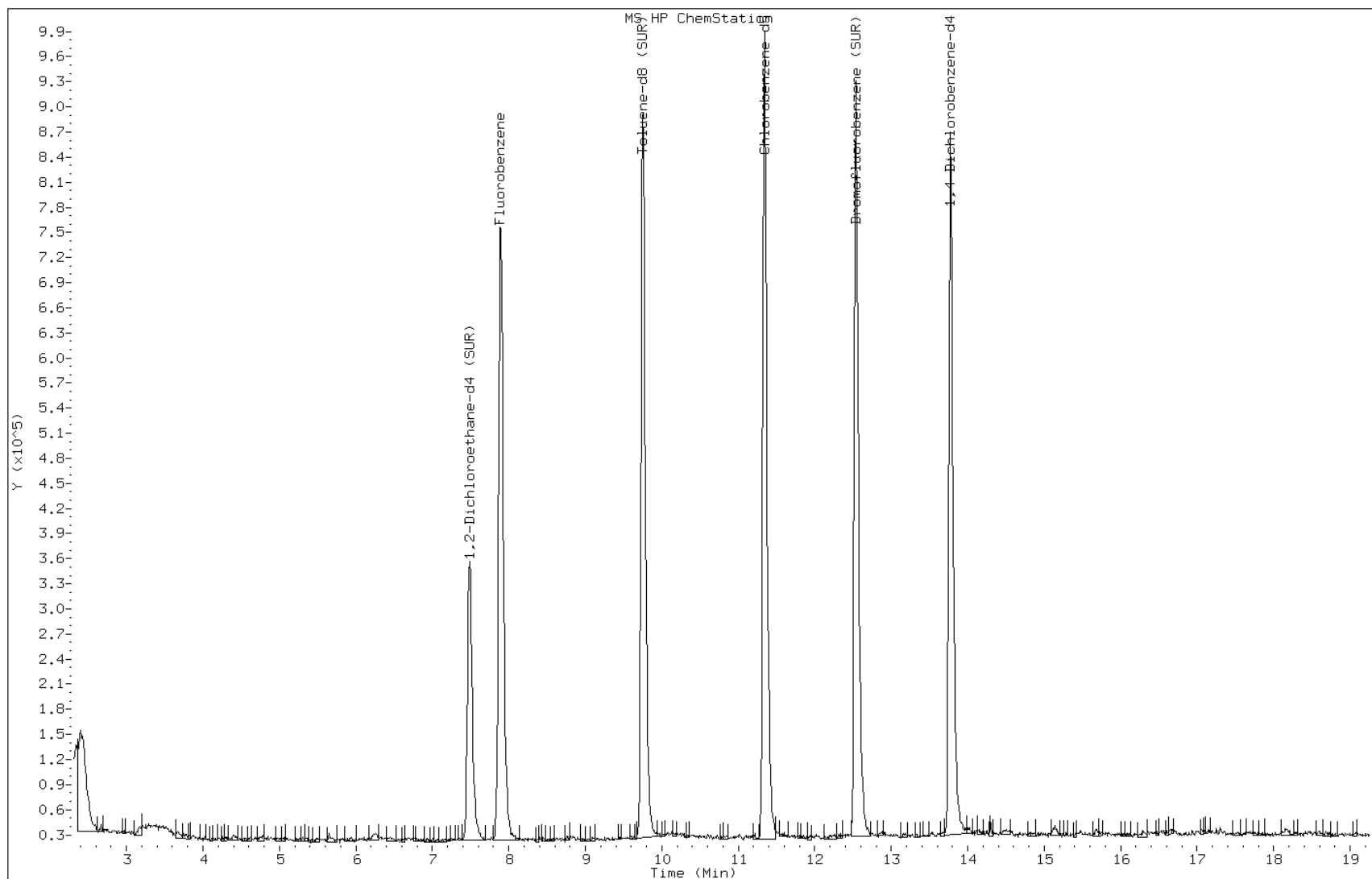
Date: 13-OCT-2011 13:12

Client ID: S0-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-7-A;50;;14.76;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8

Matrix: Solid Lab File ID: j04560.d

Analysis Method: 8260B Date Collected: 10/05/2011 14:00

Sample wt/vol: 12.03(g) Date Analyzed: 10/13/2011 07:47

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 0.0 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	30
74-87-3	Chloromethane	100	U	100	22
75-01-4	Vinyl chloride	100	U	100	12
74-83-9	Bromomethane	100	U	100	33
75-00-3	Chloroethane	100	U	100	46
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	15
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	30
67-64-1	Acetone	1000	U	1000	260
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	210	U	210	34
75-09-2	Methylene Chloride	100	U	100	20
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	Methyl tert-butyl ether	100	U	100	19
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	20
78-93-3	2-Butanone (MEK)	1000	U	1000	85
67-66-3	Chloroform	100	U	100	16
71-55-6	1,1,1-Trichloroethane	100	U	100	26
110-82-7	Cyclohexane	100	U	100	13
56-23-5	Carbon tetrachloride	100	U	100	19
71-43-2	Benzene	100	U	100	12
107-06-2	1,2-Dichloroethane	100	U	100	26
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	8.3
78-87-5	1,2-Dichloropropane	100	U	100	9.1
75-27-4	Dichlorobromomethane	100	U	100	9.3
10061-01-5	cis-1,3-Dichloropropene	100	U	100	11
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	71
108-88-3	Toluene	100	U	100	9.8
10061-02-6	trans-1,3-Dichloropropene	100	U	100	13
79-00-5	1,1,2-Trichloroethane	100	U	100	10
127-18-4	Tetrachloroethene	100	U	100	20
591-78-6	2-Hexanone	1000	U	1000	57
124-48-1	Chlorodibromomethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
 Matrix: Solid Lab File ID: j04560.d
 Analysis Method: 8260B Date Collected: 10/05/2011 14:00
 Sample wt/vol: 12.03(g) Date Analyzed: 10/13/2011 07:47
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 0.0 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	26
1330-20-7	Xylenes, Total	310	U	310	45
100-42-5	Styrene	100	U	100	14
75-25-2	Bromoform	100	U	100	10
98-82-8	Isopropylbenzene	100	U	100	22
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	9.0
541-73-1	1,3-Dichlorobenzene	100	U	100	23
106-46-7	1,4-Dichlorobenzene	100	U	100	16
95-50-1	1,2-Dichlorobenzene	100	U	100	17
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	16
120-82-1	1,2,4-Trichlorobenzene	100	U	100	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		57-135
460-00-4	4-Bromofluorobenzene	109		50-124
2037-26-5	Toluene-d8 (Surr)	110		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: j04560.d
Analysis Method: 8260B Date Collected: 10/05/2011 14:00
Sample wt/vol: 12.03(g) Date Analyzed: 10/13/2011 07:47
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 0.0 Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04560.d
 Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04560.d
 Lab Smp Id: 460-32125-B-8-A Client Smp ID: FB-17338-100511-MM-
 Inj Date : 13-OCT-2011 07:47
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-8-A;50;;12.03;25
 Misc Info : 460-32125-B-8-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 10
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	12.03000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.465	7.466	(0.948)	501571	53.9277	5600	
* 52 Fluorobenzene	96	7.876	7.881	(1.000)	1432362	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.732	9.734	(0.859)	1198139	55.0793	5700	
* 78 Chlorobenzene-d5	117	11.326	11.324	(1.000)	1080629	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.522	12.521	(0.910)	536776	54.5658	5700	
* 108 1,4-Dichlorobenzene-d4	152	13.753	13.759	(1.000)	486292	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04560.d
Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04560.d
Lab Smp Id: 460-32125-B-8-A Client Smp ID: FB-17338-100511-MM-
Inj Date : 13-OCT-2011 07:47
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-8-A;50;;12.03;25
Misc Info : 460-32125-B-8-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04560.d

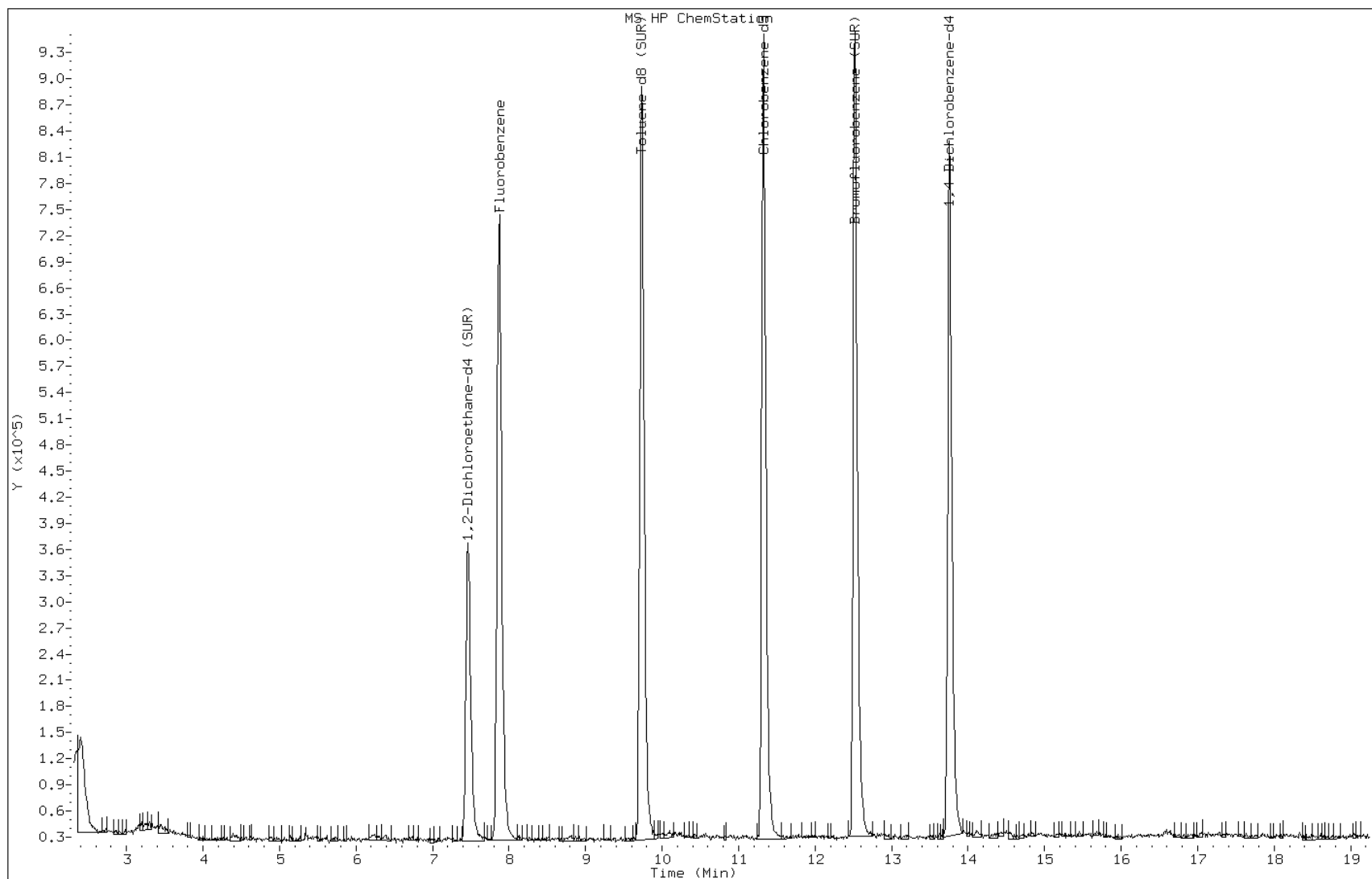
Date: 13-OCT-2011 07:47

Client ID: FB-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-8-A;50;;12.03;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: TB-17338-100511-MM-148 Lab Sample ID: 460-32125-9

Matrix: Solid Lab File ID: j04559.d

Analysis Method: 8260B Date Collected: 10/05/2011 14:15

Sample wt/vol: 10(g) Date Analyzed: 10/13/2011 07:22

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	130	U	130	35
74-87-3	Chloromethane	130	U	130	26
75-01-4	Vinyl chloride	130	U	130	15
74-83-9	Bromomethane	130	U	130	39
75-00-3	Chloroethane	130	U	130	56
75-69-4	Trichlorofluoromethane	130	U	130	20
75-35-4	1,1-Dichloroethene	130	U	130	18
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	U	130	36
67-64-1	Acetone	1300	U	1300	310
75-15-0	Carbon disulfide	130	U	130	18
79-20-9	Methyl acetate	250	U	250	41
75-09-2	Methylene Chloride	130	U	130	24
156-60-5	trans-1,2-Dichloroethene	130	U	130	17
1634-04-4	Methyl tert-butyl ether	130	U	130	23
75-34-3	1,1-Dichloroethane	130	U	130	12
156-59-2	cis-1,2-Dichloroethene	130	U	130	24
78-93-3	2-Butanone (MEK)	1300	U	1300	100
67-66-3	Chloroform	130	U	130	19
71-55-6	1,1,1-Trichloroethane	130	U	130	31
110-82-7	Cyclohexane	130	U	130	15
56-23-5	Carbon tetrachloride	130	U	130	23
71-43-2	Benzene	130	U	130	15
107-06-2	1,2-Dichloroethane	130	U	130	31
79-01-6	Trichloroethene	130	U	130	22
108-87-2	Methylcyclohexane	130	U	130	10
78-87-5	1,2-Dichloropropane	130	U	130	11
75-27-4	Dichlorobromomethane	130	U	130	11
10061-01-5	cis-1,3-Dichloropropene	130	U	130	13
108-10-1	4-Methyl-2-pentanone (MIBK)	1300	U	1300	85
108-88-3	Toluene	130	U	130	12
10061-02-6	trans-1,3-Dichloropropene	130	U	130	15
79-00-5	1,1,2-Trichloroethane	130	U	130	12
127-18-4	Tetrachloroethene	130	U	130	24
591-78-6	2-Hexanone	1300	U	1300	68
124-48-1	Chlorodibromomethane	130	U	130	13
106-93-4	1,2-Dibromoethane	130	U	130	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: TB-17338-100511-MM-148 Lab Sample ID: 460-32125-9
 Matrix: Solid Lab File ID: j04559.d
 Analysis Method: 8260B Date Collected: 10/05/2011 14:15
 Sample wt/vol: 10(g) Date Analyzed: 10/13/2011 07:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	130	U	130	21
100-41-4	Ethylbenzene	130	U	130	31
1330-20-7	Xylenes, Total	380	U	380	54
100-42-5	Styrene	130	U	130	17
75-25-2	Bromoform	130	U	130	12
98-82-8	Isopropylbenzene	130	U	130	26
79-34-5	1,1,2,2-Tetrachloroethane	130	U	130	11
541-73-1	1,3-Dichlorobenzene	130	U	130	28
106-46-7	1,4-Dichlorobenzene	130	U	130	19
95-50-1	1,2-Dichlorobenzene	130	U	130	20
96-12-8	1,2-Dibromo-3-Chloropropane	130	U	130	19
120-82-1	1,2,4-Trichlorobenzene	130	U	130	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		57-135
460-00-4	4-Bromofluorobenzene	110		50-124
2037-26-5	Toluene-d8 (Surr)	108		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: TB-17338-100511-MM-148 Lab Sample ID: 460-32125-9
Matrix: Solid Lab File ID: j04559.d
Analysis Method: 8260B Date Collected: 10/05/2011 14:15
Sample wt/vol: 10(g) Date Analyzed: 10/13/2011 07:22
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04559.d
 Report Date: 14-Oct-2011 11:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04559.d
 Lab Smp Id: 460-32125-B-9-A Client Smp ID: TB-17338-100511-MM-
 Inj Date : 13-OCT-2011 07:22
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-9-A;50;;10.0;25
 Misc Info : 460-32125-B-9-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 9
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	10.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.469	7.466	(0.948)	504707	54.7854	6800	
* 52 Fluorobenzene	96	7.877	7.881	(1.000)	1418751	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.736	9.734	(0.860)	1165448	53.8293	6700	
* 78 Chlorobenzene-d5	117	11.323	11.324	(1.000)	1075553	50.0000		(H)
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.521	(0.910)	539274	54.8241	6800	
* 108 1,4-Dichlorobenzene-d4	152	13.755	13.759	(1.000)	486253	50.0000		

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04559.d
Report Date: 14-Oct-2011 11:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04559.d
Lab Smp Id: 460-32125-B-9-A Client Smp ID: TB-17338-100511-MM-
Inj Date : 13-OCT-2011 07:22
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32125-B-9-A;50;;10.0;25
Misc Info : 460-32125-B-9-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 9
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04559.d

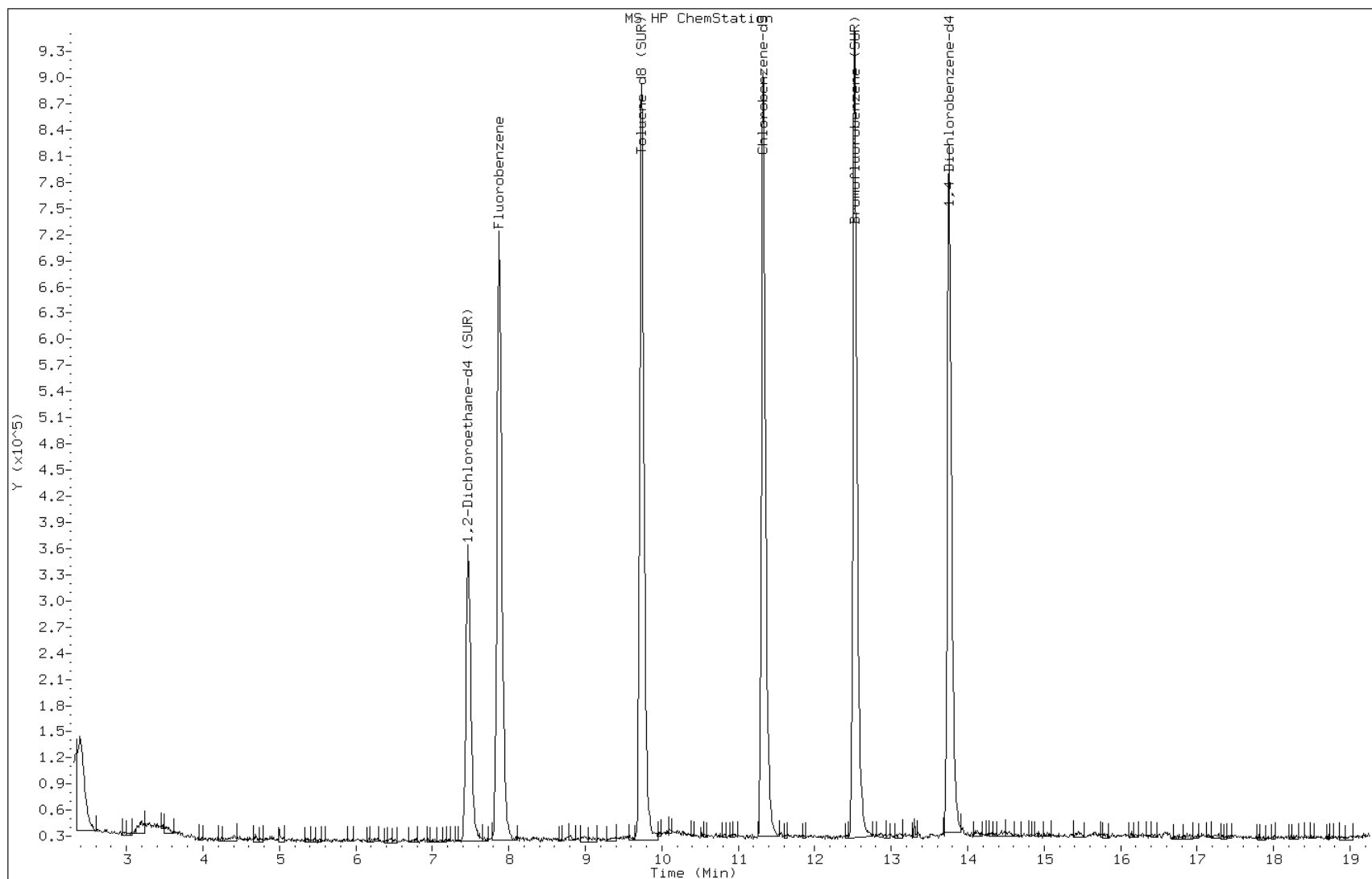
Date: 13-OCT-2011 07:22

Client ID: TB-17338-100511-MM-

Instrument: VOAMS8.i

Sample Info: 460-32125-B-9-A;50;;10.0;25

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4294 0.5816	0.3617	0.4892	0.5184	0.5310	LinF		0.5746							0.9984		0.9900
Chloromethane	0.3847 0.3473	0.3061	0.2830	0.2974	0.3206	Ave		0.3232			0.1000	11.5		30.0			
Vinyl chloride	0.3773 0.3970	0.3180	0.3166	0.3492	0.3614	Ave		0.3532			0.1000	9.1		30.0			
Bromomethane	0.3712 0.3176	0.3150	0.3006	0.3218	0.3062	Ave		0.3221			0.1000	7.9		30.0			
Chloroethane	0.2559 0.1955	0.1954	0.1834	0.1946	0.1932	Ave		0.2030			0.1000	13.0		30.0			
Trichlorofluoromethane	0.5495 0.7500	0.5731	0.6522	0.6761	0.6863	Ave		0.6479			0.1000	11.6		30.0			
Pentane	0.0222 0.0366	0.0263	0.0293	0.0317	0.0329	LinF		0.0361							0.9978		0.9900
Ethyl ether	0.2255 0.2398	0.2086	0.2134	0.2329	0.2263	Ave		0.2244			0.1000	5.2		30.0			
2-Methyl-1,3-butadiene	0.3080 0.3270	0.2566	0.2464	0.2913	0.2918	Ave		0.2869			0.1000	10.6		30.0			
Acrolein	0.0467 0.0397	0.0428	0.0396	0.0395	0.0373	Ave		0.0409		*	0.1000	8.1		30.0			
1,1-Dichloroethene	0.3258 0.3245	0.3100	0.2592	0.3090	0.3062	Ave		0.3058			0.1000	7.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5648 0.6108	0.4912	0.4738	0.5549	0.5717	Ave		0.5445			0.1000	9.5		30.0			
Acetone	0.0191 0.0199	0.0195	0.0183	0.0191	0.0195	Ave		0.0192		*	0.1000	2.8		30.0			
Iodomethane	1.0596 0.9309	0.8703	0.8264	0.9313	0.9080	Ave		0.9211			0.1000	8.6		30.0			
Carbon disulfide	1.1917 1.0050	0.9532	0.8172	0.9228	0.9691	Ave		0.9765			0.1000	12.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0019 0.0035	0.0032	0.0032	0.0031	0.0033	LinF		0.0034							0.9993		0.9900
Methyl acetate	0.0812 0.0695	0.0784	0.0615	0.0696	0.0671	Ave		0.0712		*	0.1000	10.3		30.0			
Methylene Chloride	0.4216 0.3810	0.3647	0.3594	0.3746	0.3614	Ave		0.3771			0.1000	6.2		30.0			
2-Methyl-2-propanol	0.0246 0.0239	0.0229	0.0217	0.0239	0.0238	Ave		0.0235		*	0.1000	4.3		30.0			
Methyl tert-butyl ether	0.8601 0.8105	0.8197	0.7714	0.8157	0.7934	Ave		0.8118			0.1000	3.6		30.0			
Acrylonitrile	0.0546 0.0834	0.0656	0.0664	0.0718	0.0774	Ave		0.0699		*	0.1000	14.4		30.0			
trans-1,2-Dichloroethene	0.3861 0.3690	0.3726	0.3293	0.3667	0.3527	Ave		0.3627			0.1000	5.4		30.0			
Hexane	0.1337 0.1170	0.1033	0.0899	0.1106	0.1076	Ave		0.1103			0.1000	13.2		30.0			
1,1-Dichloroethane	0.8819 0.7274	0.7009	0.6683	0.7139	0.6858	Ave		0.7297			0.1000	10.6		30.0			
Isopropyl ether	1.7242 1.3914	1.5127	1.4128	1.4789	1.4165	Ave		1.4894			0.1000	8.3		30.0			
Vinyl acetate	1.3576 0.9065	0.9884	0.9344	0.9523	0.8901	LinF		0.9048							0.9999		0.9900
Tert-butyl ethyl ether	1.1424 1.1551	1.1291	1.0755	1.1456	1.1423	Ave		1.1317			0.1000	2.5		30.0			
cis-1,2-Dichloroethene	0.3873 0.3937	0.3858	0.3701	0.3987	0.3926	Ave		0.3880			0.1000	2.6		30.0			
2-Butanone (MEK)	0.0220 0.0276	0.0253	0.0241	0.0263	0.0282	Ave		0.0256		*	0.1000	9.0		30.0			
2,2-Dichloropropane	0.5585 0.5212	0.5415	0.4776	0.5168	0.5124	Ave		0.5213			0.1000	5.3		30.0			
Ethyl acetate	0.0487 0.0351	0.0420	0.0363	0.0363	0.0363	Ave		0.0391		*	0.1000	13.5		30.0			
Chlorobromomethane	0.3506 0.2678	0.2429	0.2514	0.2680	0.2540	Ave		0.2725			0.1000	14.5		30.0			
Tetrahydrofuran	0.0716 0.0748	0.0723	0.0765	0.0754	0.0747	Ave		0.0742		*	0.1000	2.5		30.0			
Chloroform	0.8259 0.7746	0.7209	0.7184	0.7792	0.7453	Ave		0.7607			0.1000	5.4		30.0			
1,1,1-Trichloroethane	0.5639 0.6430	0.5586	0.5356	0.6159	0.6192	Ave		0.5894			0.1000	7.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	0.3304 0.3684	0.3118	0.3076	0.3417	0.3562	Ave		0.3360			0.1000	7.2		30.0			
1,1-Dichloropropene	0.5841 0.5133	0.4972	0.4696	0.5209	0.5065	Ave		0.5153			0.1000	7.4		30.0			
Carbon tetrachloride	0.5418 0.5847	0.5241	0.4760	0.5690	0.5606	Ave		0.5427			0.1000	7.2		30.0			
Benzene	1.6609 1.3152	1.2816	1.2938	1.3945	1.3802	Ave		1.3877			0.1000	10.2		30.0			
1,2-Dichloroethane	0.4828 0.4349	0.4131	0.4133	0.4494	0.4247	Ave		0.4364			0.1000	6.1		30.0			
Tert-amyl methyl ether	1.0655 0.8993	0.9658	0.8958	0.9575	0.9387	Ave		0.9538			0.1000	6.5		30.0			
n-Heptane	0.0492 0.1119	0.0518	0.0491	0.1008	0.1136	LinF		0.1120							0.9991		0.9900
n-Butanol	0.0035 0.0037	0.0030	0.0034	0.0035	0.0037	Ave		0.0035		*	0.1000	7.2		30.0			
Trichloroethene	0.4450 0.4285	0.4245	0.3915	0.4333	0.4177	Ave		0.4234			0.1000	4.3		30.0			
Ethyl acrylate	0.4532 0.4531	0.4130	0.4190	0.4358	0.4440	Ave		0.4364			0.1000	3.9		30.0			
Methylcyclohexane	0.2472 0.2534	0.2060	0.2138	0.2447	0.2471	Ave		0.2354			0.1000	8.5		30.0			
1,2-Dichloropropane	0.5227 0.4332	0.4499	0.4182	0.4566	0.4237	Ave		0.4507			0.1000	8.5		30.0			
Methyl methacrylate	0.1012 0.0897	0.0904	0.0906	0.0964	0.0910	Ave		0.0932		*	0.1000	4.9		30.0			
n-Propyl acetate	0.5530 0.4976	0.5438	0.5329	0.5544	0.5316	Ave		0.5356			0.1000	3.9		30.0			
Dibromomethane	0.3884 0.3739	0.3819	0.3811	0.3904	0.3722	Ave		0.3813			0.1000	1.9		30.0			
Dichlorobromomethane	0.7108 0.7588	0.7263	0.7303	0.7817	0.7488	Ave		0.7428			0.1000	3.4		30.0			
2-Chloroethyl vinyl ether	0.1516 0.2573	0.1992	0.2357	0.2376	0.2399	LinF		0.2549							0.9991		0.9900
Epichlorohydrin	0.0414 0.0424	0.0371	0.0410	0.0424	0.0462	Ave		0.0418		*	0.1000	7.1		30.0			
cis-1,3-Dichloropropene	0.7972 0.8842	0.7765	0.8259	0.8795	0.8867	Ave		0.8417			0.1000	5.8		30.0			
4-Methyl-2-pentanone (MIBK)	0.4670 0.4988	0.4333	0.4538	0.4692	0.4995	Ave		0.4703			0.1000	5.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	1.6967 1.2782	1.3799	1.2798	1.3278	1.3429	Ave		1.3842			0.1000	11.4		30.0			
trans-1,3-Dichloropropene	0.7490 0.7541	0.6326	0.6786	0.7237	0.7425	Ave		0.7134			0.1000	6.8		30.0			
1,1,2-Trichloroethane	0.4452 0.4382	0.3958	0.4270	0.4354	0.4417	Ave		0.4305			0.1000	4.2		30.0			
Tetrachloroethene	0.4779 0.5238	0.4417	0.4573	0.5181	0.5196	Ave		0.4897			0.1000	7.3		30.0			
1,3-Dichloropropane	0.8310 0.7659	0.7118	0.7664	0.7967	0.7944	Ave		0.7777			0.1000	5.2		30.0			
2-Hexanone	0.2756 0.2932	0.2448	0.2533	0.2706	0.3006	Ave		0.2730			0.1000	8.0		30.0			
n-Butyl acetate	0.1408 0.1493	0.1266	0.1379	0.1472	0.1552	Ave		0.1428			0.1000	7.0		30.0			
Chlorodibromomethane	0.7567 0.8916	0.7083	0.8229	0.8764	0.8934	Ave		0.8249			0.1000	9.4		30.0			
1,2-Dibromoethane	0.7145 0.7135	0.6168	0.6825	0.7234	0.7219	Ave		0.6955			0.1000	5.9		30.0			
Chlorobenzene	1.0182 0.9998	0.8729	0.9800	1.0204	1.0255	Ave		0.9861			0.1000	5.9		30.0			
1,1,1,2-Tetrachloroethane	0.5902 0.5746	0.5145	0.5414	0.5653	0.5905	Ave		0.5627			0.1000	5.3		30.0			
Ethylbenzene	0.3158 0.3745	0.3570	0.3508	0.3998	0.4033	Ave		0.3669			0.1000	9.0		30.0			
m-Xylene & p-Xylene	0.5311 0.4863	0.4846	0.4949	0.5329	0.5121	Ave		0.5070			0.1000	4.3		30.0			
n-Butyl acrylate	0.2706 0.4571	0.3184	0.3538	0.4169	0.4479	LinF		0.4554							0.9997		0.9900
o-Xylene	0.4188 0.4895	0.4586	0.4637	0.5055	0.5078	Ave		0.4740			0.1000	7.2		30.0			
Styrene	0.8286 0.8965	0.8136	0.8810	0.9346	0.9643	Ave		0.8864			0.1000	6.6		30.0			
Amyl acetate (mixed isomers)	1.6813 1.3481	1.3705	1.2843	1.4201	1.3987	Ave		1.4172			0.1000	9.7		30.0			
Bromoform	0.4531 0.6002	0.4357	0.5197	0.5449	0.5834	Ave		0.5228			0.1000	12.9		30.0			
Isopropylbenzene	1.1833 1.1500	1.0525	1.0702	1.1752	1.1686	Ave		1.1333			0.1000	5.0		30.0			
Camphene	0.1402 0.1118	0.1057	0.0879	0.0983	0.1077	LinF		0.1111							0.9995		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	2.1407 1.4276	1.7178	1.6702	1.7075	1.5017	Ave		1.6942			0.1000	14.7		30.0			
trans-1,4-Dichloro-2-butene	0.2840 0.2781	0.2796	0.2849	0.3236	0.3071	Ave		0.2929			0.1000	6.3		30.0			
Bromobenzene	1.3877 0.9971	1.1090	1.1378	1.1769	1.0466	Ave		1.1425			0.1000	11.9		30.0			
1,2,3-Trichloropropane	0.4502 0.3442	0.4365	0.4168	0.4275	0.3579	Ave		0.4055			0.1000	10.8		30.0			
N-Propylbenzene	3.3889 2.4704	3.0189	2.7929	3.0712	2.6613	Ave		2.9006			0.1000	11.3		30.0			
2-Chlorotoluene	1.7289 1.5888	2.0034	1.7449	1.8868	1.7324	Ave		1.7809			0.1000	8.1		30.0			
1,3,5-Trimethylbenzene	2.4628 1.7470	2.1177	1.8616	2.0786	1.8360	Ave		2.0173			0.1000	13.0		30.0			
Butyl Methacrylate	1.6211 1.5061	1.4147	1.5453	1.6370	1.5279	Ave		1.5420			0.1000	5.3		30.0			
4-Chlorotoluene	3.2148 2.2358	2.5300	2.5484	2.6919	2.2711	Ave		2.5820			0.1000	13.8		30.0			
tert-Butylbenzene	2.4260 1.7546	2.0718	1.8756	2.0055	1.7363	Ave		1.9783			0.1000	13.0		30.0			
1,2,4-Trimethylbenzene	2.3769 1.9306	2.1132	2.1196	2.1735	1.9551	Ave		2.1115			0.1000	7.7		30.0			
2-Octanone	1.3495 2.1396	1.1255	1.4267	1.7658	2.0476	LinF		2.1241							0.9990		0.9900
sec-Butylbenzene	2.8932 2.2405	2.5858	2.4012	2.6625	2.2934	Ave		2.5128			0.1000	9.9		30.0			
4-Isopropyltoluene	2.2030 1.8090	1.9962	1.8616	2.1154	1.7931	Ave		1.9630			0.1000	8.7		30.0			
1,3-Dichlorobenzene	1.4873 1.3007	1.3444	1.3608	1.5287	1.2854	Ave		1.3846			0.1000	7.3		30.0			
1,4-Dichlorobenzene	1.9804 1.7040	1.7509	1.6900	1.9024	1.7407	Ave		1.7947			0.1000	6.6		30.0			
Benzyl chloride	1.4552 1.6804	1.4855	1.6172	1.7017	1.6433	Ave		1.5972			0.1000	6.4		30.0			
n-Butylbenzene	2.0424 1.8247	1.7312	1.6398	1.8808	1.7162	Ave		1.8059			0.1000	8.0		30.0			
1,2-Dichlorobenzene	1.4779 1.4616	1.5202	1.5502	1.5973	1.4771	Ave		1.5141			0.1000	3.5		30.0			
1,2-Dibromo-3-Chloropropane	0.3560 0.3458	0.2526	0.2888	0.3018	0.3168	Ave		0.3103			0.1000	12.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphor	0.1188 0.1262	0.0951	0.0987	0.1074	0.1202	Ave		0.1111			0.1000	11.3		30.0			
1,2,4-Trichlorobenzene	0.2052 0.8483	0.2985	0.5520	0.7777	0.8629	LinF		0.8495							0.9995		0.9900
Hexachlorobutadiene	0.7738 0.6276	0.5700	0.5470	0.6729	0.6632	Ave		0.6424			0.1000	12.7		30.0			
Naphthalene	0.5286 1.3767	0.4162	0.7627	1.1379	1.4674	LinF		1.3876							0.9983		0.9900
1,2,3-Trichlorobenzene	0.1538 0.5819	0.1908	0.3711	0.5678	0.6470	LinF		0.5913							0.9975		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3235 0.3379	0.3141	0.3254	0.3330	0.3163	Ave		0.3250			0.1000	2.8		30.0			
Toluene-d8 (Surr)	0.9764 1.0883	0.9114	1.0080	1.0459	1.0253	Ave		1.0092			0.1000	6.0		30.0			
4-Bromofluorobenzene	1.1022 0.9662	1.0132	1.0197	1.0768	0.9571	Ave		1.0225			0.1000	5.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	15534 8898844	69138	366126	924495	3518761	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	13918 5313401	58499	211797	530295	2124591	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	13649 6073785	60784	236996	622826	2394662	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	13430 4859826	60208	224991	573933	2028804	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	9259 2992024	37344	137259	347039	1280379	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	19881 11476169	109535	488108	1205673	4547859	1.00 500	5.00	20.0	50.0	200
Pentane	FB	LinF	803 560728	5023	21894	56600	218336	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	8158 3668608	39879	159694	415398	1499719	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	11145 5003938	49039	184383	519555	1933803	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6755 486112	32703	59352	140915	247300	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	11788 4964372	59246	193968	550987	2028964	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	20434 9346034	93891	354635	989560	3788640	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	6894 303747	11209	13692	34076	129321	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	38338 14243885	166357	618524	1660828	6017123	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	43116 15377548	182192	611621	1645573	6422009	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1375 1059422	12042	47173	111650	433642	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	2937 1063335	14983	46034	124048	444448	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	15254 5829450	69699	268993	668042	2394935	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	17820 7325451	87433	325497	851209	3155306	20.0 10000	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	31118 12401863	156684	577338	1454686	5257850	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3953 510482	25074	49665	128089	256410	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13969 5646568	71210	246471	653911	2336951	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4836 1789474	19738	67292	197247	712842	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	31908 11130516	133978	500203	1273088	4544379	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	62381 21289750	289135	1057430	2637284	9386261	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	49119 13870829	188930	699346	1698209	5898424	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	41331 17674380	215817	804958	2042990	7569436	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	14011 6023504	73735	276995	710927	2601609	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	7971 422006	14489	18010	46832	186788	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	20205 7974840	103507	357481	921664	3395200	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3524 1072882	16052	54342	129620	481125	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	12686 4097670	46428	188171	477990	1683475	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2589 1144102	13826	57262	134511	495332	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	29880 11851835	137788	537709	1389535	4938825	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	20402 9839074	106765	400856	1098320	4102884	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	11953 5636616	59597	230209	609287	2360135	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	21133 7853229	95027	351458	928956	3356623	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	19604 8947171	100181	356287	1014718	3714696	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	44616 14314127	190710	703865	1834858	6322402	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	17466 6654799	78953	309358	801492	2814220	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	38549 13759853	184610	670472	1707581	6220614	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	1781 1712363	9899	36754	179715	752802	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	63581 335262	115333	191921	250714	309390	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	16099 6555709	81142	292988	772726	2767896	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	16396 6932364	78944	313582	777226	2942439	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8945 3877947	39378	160012	436381	1637409	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18910 6629085	85989	312993	814297	2807726	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3661 1373229	17285	67808	171862	603280	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	40018 15226028	207895	797728	1977463	7045164	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	14054 5720947	72999	285214	696181	2466417	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	25717 11610961	138830	546581	1394000	4961940	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	5484 3936512	38078	176385	423677	1589914	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	22247 9240282	110332	445910	1114951	4237138	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	21416 9623521	115541	449334	1157271	4061718	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	125444 5429046	193441	246869	617376	2288257	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45577 13911937	205340	696243	1747025	6151684	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	20121 8207621	94132	369201	952219	3400993	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	11960 4768969	58895	232312	572825	2023395	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	12838 5701036	65722	248785	681650	2380241	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	22322 8336221	105923	416937	1048259	3639097	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	74036 3191128	109274	137792	356037	1377040	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7564 3249943	37688	150082	387325	1421688	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	20326 9704422	105399	447672	1153097	4092361	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	19194 7765576	91780	371327	951877	3307067	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	27350 10881950	129893	533160	1342559	4697638	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	15854 6254325	76555	294526	743810	2704922	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8482 4076559	53121	190846	526078	1847310	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	28531 10584954	144209	538442	1402299	4691716	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	LinF	7269 4974967	47382	192493	548540	2051918	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	11249 5327616	68239	252249	665113	2325908	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	22257 9757075	121062	479267	1229765	4417048	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	17180 7413957	78357	296525	803858	3081155	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12172 6532969	64830	282725	717031	2672454	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	31787 12516454	156619	582220	1546233	5352888	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	LinF	3766 1216659	15736	47817	129372	493214	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	21874 7851525	98211	385608	966527	3308027	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2902 1529525	15984	65774	183194	676400	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	14180 5483745	63408	262694	666180	2305498	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	4600 1893149	24954	96223	241970	788439	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCB	Ave	34629 13586554	172603	644835	1738494	5862476	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17666 8737779	114544	402853	1068052	3816210	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	25166 9607609	121075	429800	1176589	4044491	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	16565 8283162	80886	356768	926661	3365806	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	32850 12295999	144651	588365	1523754	5002978	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	24790 9649749	118451	433029	1135219	3824788	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	24288 10617370	120817	489362	1230311	4306760	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	13790 11767048	64348	329397	999559	4510715	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	29564 12322110	147842	554389	1507105	5052100	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	22511 9948587	114130	429817	1197428	3949939	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	15198 7153440	76866	314171	865345	2831573	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	20236 9371295	100105	390188	1076881	3834556	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	14870 9241415	84930	373371	963279	3620023	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	20870 10035414	98976	378590	1064641	3780655	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15102 8038288	86915	357910	904180	3253935	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	3638 1901941	14443	66687	170821	697923	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	6070 3470515	27176	113935	303946	1323390	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	LinF	2097 4665436	17069	127445	440208	1900906	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7907 3451371	32588	126287	380928	1460984	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	5401 7571154	23798	176097	644114	3232507	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	1572 3200178	10907	85672	321381	1425254	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89267

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane-d4 (Surr)	FB	Ave	585209 516945	600279	608902	593796	523915	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1311362 1184558	1356237	1370932	1376149	1174123	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	563144 531351	579309	588594	609536	527081	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 12-OCT-2011 01:51
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 01:51 Cal File: j04490.d
 Als bottle: 2 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.612	2.594	(0.333)	15534	1.00000	1.0
3 Chloromethane	50		2.704	2.739	(0.345)	13918	1.00000	1.0
4 Vinyl Chloride	62		2.894	2.912	(0.369)	13649	1.00000	1.0
6 Bromomethane	94		3.286	3.293	(0.419)	13430	1.00000	1.0
5 Chloroethane	64		3.412	3.412	(0.435)	9259	1.00000	1.0
7 Trichlorofluoromethane	101		3.701	3.722	(0.472)	19881	1.00000	1.0
8 n-Pentane	72		3.802	3.787	(0.485)	803	1.00000	1.0(a)
10 Isoprene	67		4.066	4.061	(0.518)	11145	1.00000	1.0
11 Ethyl Ether	59		4.003	4.006	(0.510)	8158	1.00000	1.0
13 Acrolein	56		4.202	4.189	(0.536)	6755	4.00000	4.0
15 1,1-Dichloroethene	96		4.311	4.308	(0.550)	11788	1.00000	1.0
14 Freon TF	101		4.330	4.327	(0.552)	20434	1.00000	1.0
16 Acetone	58		4.374	4.364	(0.558)	6894	10.0000	10
17 Iodomethane	142		4.509	4.510	(0.575)	38338	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.609	4.593 (0.588)		43116	1.00000	1.0
21 Acetonitrile	39	4.746	4.702 (0.605)		1375	20.0000	20
27 Methyl Acetate	74	4.710	4.721 (0.601)		2937	1.00000	1.0
22 Methylene Chloride	84	4.856	4.866 (0.619)		15254	1.00000	1.0
24 TBA	59	4.953	4.949 (0.632)		17820	20.0000	20
25 trans-1,2-Dichloroethene	96	5.172	5.175 (0.659)		13969	1.00000	1.0
26 Acrylonitrile	53	5.172	5.148 (0.659)		3953	2.00000	2.0
28 MTBE	73	5.154	5.148 (0.657)		31118	1.00000	1.0
29 Hexane	56	5.454	5.459 (0.695)		4836	1.00000	1.0
30 1,1-Dichloroethane	63	5.673	5.677 (0.723)		31908	1.00000	1.0
31 Vinyl Acetate	43	5.710	5.686 (0.728)		49119	1.00000	1.0
32 DIPE	45	5.691	5.695 (0.726)		62381	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.156	6.130 (0.785)		41331	1.00000	1.0
37 2,2-Dichloropropane	77	6.383	6.385 (0.814)		20205	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.374	6.376 (0.813)		14011	1.00000	1.0
38 2-Butanone	72	6.383	6.385 (0.814)		7971	10.0000	10
39 Ethyl Acetate	70	6.447	6.404 (0.822)		3524	2.00000	2.0
40 Bromochloromethane	128	6.713	6.687 (0.856)		12686	1.00000	1.0
41 Tetrahydrofuran	42	6.740	6.733 (0.859)		2589	1.00000	1.0
42 Chloroform	83	6.758	6.770 (0.862)		29880	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.033	7.025 (0.897)		20402	1.00000	1.0
44 Cyclohexane	56	7.124	7.098 (0.908)		11953	1.00000	1.0
45 Carbon Tetrachloride	117	7.233	7.234 (0.922)		19604	1.00000	1.0
46 1,1-Dichloropropene	75	7.224	7.216 (0.921)		21133	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435 (0.949)		585209	50.0000	50
48 Benzene	78	7.506	7.509 (0.664)		44616	1.00000	1.0
49 1,2-Dichloroethane	62	7.541	7.536 (0.962)		17466	1.00000	1.0
51 n-Heptane	57	7.760	7.756 (0.989)		1781	1.00000	1.0(a)
50 t-Amyl-methyl-ether	73	7.586	7.600 (0.967)		38549	1.00000	1.0
* 52 Fluorobenzene	96	7.842	7.838 (1.000)		1809006	50.0000	
54 Trichloroethene	95	8.287	8.287 (1.057)		16099	1.00000	1.0
53 n-Butanol	43	8.141	8.131 (1.038)		63581	500.000	500
56 Methyl cyclohexane	83	8.552	8.522 (1.091)		8945	1.00000	1.0
55 Ethyl Acrylate	55	8.370	8.368 (1.067)		16396	1.00000	1.0
57 1,2-Dichloropropane	63	8.571	8.585 (1.093)		18910	1.00000	1.0(T)
58 Dibromomethane	93	8.745	8.730 (1.115)		14054	1.00000	1.0
59 Methyl Methacrylate	100	8.653	8.649 (1.103)		3661	1.00000	1.0
75 Propyl Acetate	43	8.726	8.704 (1.113)		40018	2.00000	2.0
68 Bromodichloromethane	83	8.882	8.885 (1.133)		25717	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.192	9.204 (1.172)		5484	1.00000	1.0
63 Epichlorohydrin	57	9.329	9.305 (0.826)		22247	20.0000	20
67 cis-1,3-Dichloropropene	75	9.402	9.396 (0.832)		21416	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.555	9.542 (0.846)		125444	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.711	9.706 (0.860)		1311362	50.0000	50
66 Toluene	91	9.792	9.779 (0.867)		45577	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.027	10.018 (0.888)		20121	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.225	10.228 (0.905)		11960	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

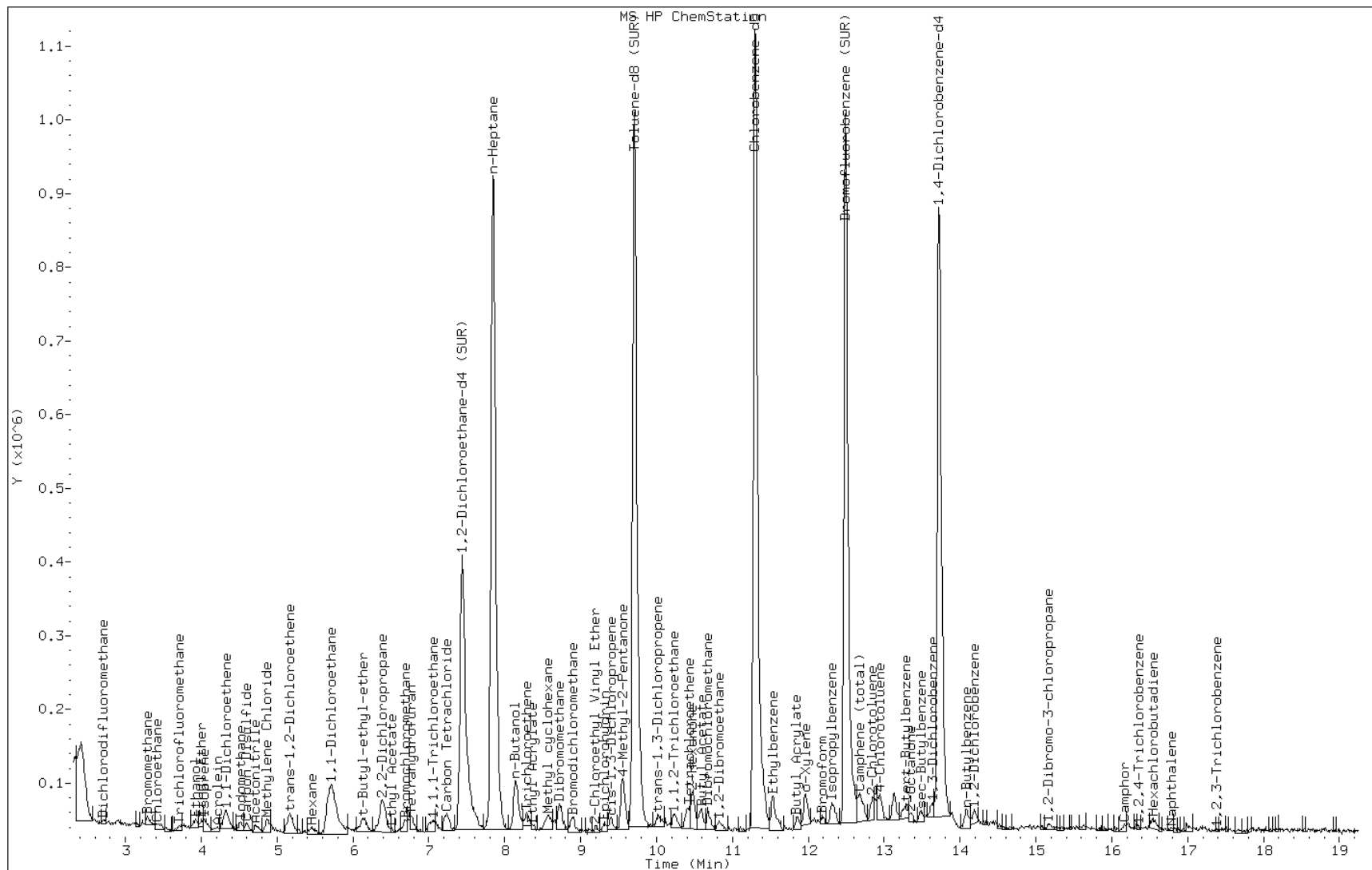
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.408	10.393	(0.921)	12838	1.00000	1.0
72 1,3-Dichloropropane	76	10.426	10.421	(0.923)	22322	1.00000	1.0
73 2-Hexanone	43	10.472	10.476	(0.927)	74036	10.0000	10
74 Dibromochloromethane	129	10.673	10.687	(0.945)	20326	1.00000	1.0
76 Butyl Acetate	73	10.600	10.586	(0.938)	7564	2.00000	2.0
77 1,2-Dibromoethane	107	10.828	10.825	(0.959)	19194	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.295	11.296	(1.000)	1343117	50.0000	
79 Chlorobenzene	112	11.341	11.323	(1.004)	27350	1.00000	1.0
80 1,1,1,2-Tetrachloroethane	131	11.405	11.403	(1.010)	15854	1.00000	1.0
81 Ethylbenzene	106	11.414	11.412	(1.011)	8482	1.00000	1.0
82 m+p-Xylene	106	11.533	11.530	(1.021)	28531	2.00000	2.0
84 o-Xylene	106	11.954	11.949	(1.058)	11249	1.00000	1.0
85 Styrene	104	11.963	11.958	(1.059)	22257	1.00000	1.0
83 Butyl Acrylate	73	11.844	11.849	(1.049)	7269	1.00000	1.0
86 Bromoform	173	12.187	12.196	(1.079)	12172	1.00000	1.0
87 Amyl Acetate	43	12.081	12.068	(0.881)	17180	1.00000	1.0
88 Isopropylbenzene	105	12.314	12.306	(1.090)	31787	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.489	12.488	(0.910)	563144	50.0000	50
90 Camphene (total)	41	12.599	12.598	(1.115)	3766	1.00000	1.0
91 Bromobenzene	156	12.672	12.672	(0.924)	14180	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.608	12.617	(0.919)	21874	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.690	12.672	(0.925)	4600	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.672	12.663	(0.924)	2902	1.00000	1.0
95 n-Propylbenzene	91	12.727	12.727	(0.928)	34629	1.00000	1.0
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	17666	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.883	12.892	(0.939)	25166	1.00000	1.0
98 4-Chlorotoluene	91	12.972	12.956	(0.945)	32850	1.00000	1.0
99 Butyl Methacrylate	87	12.935	12.929	(0.943)	16565	1.00000	1.0
100 tert-Butylbenzene	119	13.264	13.248	(0.967)	24790	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	24288	1.00000	1.0
102 2-Octanone	43	13.356	13.347	(0.973)	13790	1.00000	1.0
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	29564	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.655	(0.996)	15198	1.00000	1.0
107 p-Isopropyltoluene	119	13.628	13.621	(0.993)	22511	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.720	13.718	(1.000)	510915	50.0000	
109 1,4-Dichlorobenzene	146	13.747	13.745	(1.002)	20236	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.898	(1.013)	14870	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.081	(1.027)	20870	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.194	14.191	(1.035)	15102	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.164	15.153	(1.105)	3638	1.00000	1.0
113 Camphor	95	16.196	16.189	(1.180)	6070	5.00000	5.0
114 1,2,4-Trichlorobenzene	180	16.369	16.344	(1.193)	2097	1.00000	1.0
115 Hexachlorobutadiene	225	16.533	16.545	(1.205)	7907	1.00000	1.0
116 Naphthalene	128	16.781	16.781	(1.223)	5401	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1572	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				27980	2.00000	2.0
M 121 Xylene (Total)	100				39780	3.00000	3.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

- T - Target compound detected outside RT window.
- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 12-OCT-2011 02:17
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:17 Cal File: j04491.d
 Als bottle: 3 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.585	2.594	(0.330)	69138	5.00000	5.0
3 Chloromethane	50		2.732	2.739	(0.348)	58499	5.00000	4.4
4 Vinyl Chloride	62		2.896	2.912	(0.369)	60784	5.00000	4.6
6 Bromomethane	94		3.294	3.293	(0.420)	60208	5.00000	4.6
5 Chloroethane	64		3.404	3.412	(0.434)	37344	5.00000	4.3
7 Trichlorofluoromethane	101		3.732	3.722	(0.476)	109535	5.00000	5.1
8 n-Pentane	72		3.760	3.787	(0.480)	5023	5.00000	5.0
10 Isoprene	67		4.061	4.061	(0.518)	49039	5.00000	4.5
11 Ethyl Ether	59		4.006	4.006	(0.511)	39879	5.00000	4.8
13 Acrolein	56		4.198	4.189	(0.536)	32703	20.0000	19
15 1,1-Dichloroethene	96		4.315	4.308	(0.550)	59246	5.00000	4.9
14 Freon TF	101		4.315	4.327	(0.550)	93891	5.00000	4.6
16 Acetone	58		4.366	4.364	(0.557)	11209	15.0000	15
17 Iodomethane	142		4.512	4.510	(0.576)	166357	5.00000	4.5

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.603	4.593	(0.587)	182192	5.00000	4.4
21 Acetonitrile	39	4.713	4.702	(0.601)	12042	100.000	100
27 Methyl Acetate	74	4.713	4.721	(0.601)	14983	5.00000	4.9
22 Methylene Chloride	84	4.868	4.866	(0.621)	69699	5.00000	4.6
24 TBA	59	4.941	4.949	(0.630)	87433	100.000	96
25 trans-1,2-Dichloroethene	96	5.177	5.175	(0.661)	71210	5.00000	4.9
26 Acrylonitrile	53	5.152	5.148	(0.657)	25074	10.0000	11
28 MTBE	73	5.133	5.148	(0.655)	156684	5.00000	4.9
29 Hexane	56	5.451	5.459	(0.695)	19738	5.00000	4.4
30 1,1-Dichloroethane	63	5.678	5.677	(0.724)	133978	5.00000	4.4
31 Vinyl Acetate	43	5.696	5.686	(0.727)	188930	5.00000	4.9
32 DIPE	45	5.687	5.695	(0.725)	289135	5.00000	4.7
35 t-Butyl-ethyl-ether	59	6.142	6.130	(0.784)	215817	5.00000	5.0
37 2,2-Dichloropropane	77	6.389	6.385	(0.815)	103507	5.00000	4.9
36 cis-1,2-Dichloroethene	96	6.371	6.376	(0.813)	73735	5.00000	5.0
38 2-Butanone	72	6.380	6.385	(0.814)	14489	15.0000	16
39 Ethyl Acetate	70	6.435	6.404	(0.821)	16052	10.0000	9.3
40 Bromochloromethane	128	6.691	6.687	(0.854)	46428	5.00000	4.1
41 Tetrahydrofuran	42	6.746	6.733	(0.861)	13826	5.00000	5.0
42 Chloroform	83	6.764	6.770	(0.863)	137788	5.00000	4.7
43 1,1,1-Trichloroethane	97	7.029	7.025	(0.897)	106765	5.00000	5.0
44 Cyclohexane	56	7.102	7.098	(0.906)	59597	5.00000	4.8
45 Carbon Tetrachloride	117	7.238	7.234	(0.923)	100181	5.00000	4.9
46 1,1-Dichloropropene	75	7.211	7.216	(0.920)	95027	5.00000	4.6
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.431	7.435	(0.948)	600279	50.0000	49
48 Benzene	78	7.504	7.509	(0.664)	190710	5.00000	4.4
49 1,2-Dichloroethane	62	7.531	7.536	(0.961)	78953	5.00000	4.6
51 n-Heptane	57	7.756	7.756	(0.989)	9899	5.00000	5.0
50 t-Amyl-methyl-ether	73	7.603	7.600	(0.970)	184610	5.00000	4.8
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1911389	50.0000	
54 Trichloroethene	95	8.295	8.287	(1.058)	81142	5.00000	4.9
53 n-Butanol	43	8.131	8.131	(1.037)	115333	1000.00	920
56 Methyl cyclohexane	83	8.530	8.522	(1.088)	39378	5.00000	4.5
55 Ethyl Acrylate	55	8.377	8.368	(1.069)	78944	5.00000	4.8
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	85989	5.00000	4.6
58 Dibromomethane	93	8.728	8.730	(1.113)	72999	5.00000	5.0
59 Methyl Methacrylate	100	8.656	8.649	(1.104)	17285	5.00000	4.7
75 Propyl Acetate	43	8.709	8.704	(1.111)	207895	10.0000	9.9
68 Bromodichloromethane	83	8.883	8.885	(1.133)	138830	5.00000	5.0
62 2-Chloroethyl Vinyl Ether	63	9.200	9.204	(1.174)	38078	5.00000	5.7
63 Epichlorohydrin	57	9.301	9.305	(0.823)	110332	100.000	94
67 cis-1,3-Dichloropropene	75	9.390	9.396	(0.831)	115541	5.00000	4.9
70 4-Methyl-2-Pentanone	43	9.549	9.542	(0.845)	193441	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.705	9.706	(0.859)	1356237	50.0000	48
66 Toluene	91	9.786	9.779	(0.866)	205340	5.00000	4.5
64 trans-1,3-Dichloropropene	75	10.011	10.018	(0.886)	94132	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.229	10.228	(0.905)	58895	5.00000	4.7

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.394	10.393	(0.920)	65722	5.00000	4.8
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	105923	5.00000	4.6
73 2-Hexanone	43	10.477	10.476	(0.927)	109274	15.0000	14
74 Dibromochloromethane	129	10.682	10.687	(0.945)	105399	5.00000	4.8
76 Butyl Acetate	73	10.581	10.586	(0.936)	37688	10.0000	9.5
77 1,2-Dibromoethane	107	10.829	10.825	(0.958)	91780	5.00000	4.6
* 78 Chlorobenzene-d5	117	11.301	11.296	(1.000)	1488050	50.0000	
79 Chlorobenzene	112	11.328	11.323	(1.002)	129893	5.00000	4.6
80 1,1,1,2-Tetrachloroethane	131	11.402	11.403	(1.009)	76555	5.00000	4.6
81 Ethylbenzene	106	11.418	11.412	(1.010)	53121	5.00000	5.3
82 m+p-Xylene	106	11.528	11.530	(1.020)	144209	10.0000	9.5
84 o-Xylene	106	11.954	11.949	(1.058)	68239	5.00000	5.2
85 Styrene	104	11.962	11.958	(1.059)	121062	5.00000	5.0
83 Butyl Acrylate	73	11.846	11.849	(1.048)	47382	5.00000	5.0
86 Bromoform	173	12.199	12.196	(1.079)	64830	5.00000	4.9
87 Amyl Acetate	43	12.062	12.068	(0.879)	78357	5.00000	4.5
88 Isopropylbenzene	105	12.309	12.306	(1.089)	156619	5.00000	4.7
\$ 89 Bromofluorobenzene (SUR)	174	12.492	12.488	(0.910)	579309	50.0000	48
90 Camphene (total)	41	12.584	12.598	(1.114)	15736	5.00000	4.3
91 Bromobenzene	156	12.675	12.672	(0.924)	63408	5.00000	4.4
92 1,1,2,2-Tetrachloroethane	83	12.620	12.617	(0.919)	98211	5.00000	4.4
93 1,2,3-Trichloropropane	110	12.684	12.672	(0.924)	24954	5.00000	4.9
94 trans-1,4-Dichloro-2-butene	53	12.657	12.663	(0.922)	15984	5.00000	5.0
95 n-Propylbenzene	91	12.721	12.727	(0.927)	172603	5.00000	4.7
96 2-Chlorotoluene	91	12.850	12.846	(0.936)	114544	5.00000	5.4
97 1,3,5-Trimethylbenzene	105	12.886	12.892	(0.939)	121075	5.00000	4.6
98 4-Chlorotoluene	91	12.950	12.956	(0.944)	144651	5.00000	4.4
99 Butyl Methacrylate	87	12.932	12.929	(0.942)	80886	5.00000	4.7
100 tert-Butylbenzene	119	13.239	13.248	(0.965)	118451	5.00000	4.6
101 1,2,4-Trimethylbenzene	105	13.294	13.293	(0.969)	120817	5.00000	4.7
102 2-Octanone	43	13.358	13.347	(0.973)	64348	5.00000	5.0
103 sec-Butylbenzene	105	13.477	13.483	(0.982)	147842	5.00000	4.7
105 1,3-Dichlorobenzene	146	13.651	13.655	(0.995)	76866	5.00000	4.7
107 p-Isopropyltoluene	119	13.624	13.621	(0.993)	114130	5.00000	4.8
* 108 1,4-Dichlorobenzene-d4	152	13.725	13.718	(1.000)	571735	50.0000	
109 1,4-Dichlorobenzene	146	13.743	13.745	(1.001)	100105	5.00000	4.7
110 Benzyl Chloride	91	13.890	13.898	(1.012)	84930	5.00000	5.0
106 n-Butylbenzene	91	14.080	14.081	(1.026)	98976	5.00000	4.6
111 1,2-Dichlorobenzene	146	14.189	14.191	(1.034)	86915	5.00000	5.1
112 1,2-Dibromo-3-chloropropane	75	15.165	15.153	(1.105)	14443	5.00000	4.2
113 Camphor	95	16.185	16.189	(1.179)	27176	25.0000	22
114 1,2,4-Trichlorobenzene	180	16.330	16.344	(1.190)	17069	5.00000	5.0
115 Hexachlorobutadiene	225	16.539	16.545	(1.205)	32588	5.00000	4.2
116 Naphthalene	128	16.793	16.781	(1.224)	23798	5.00000	4.9
117 1,2,3-Trichlorobenzene	180	17.194	17.192	(1.253)	10907	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				144945	10.0000	9.9
M 121 Xylene (Total)	100				212448	15.0000	15

Data File: j04491.d

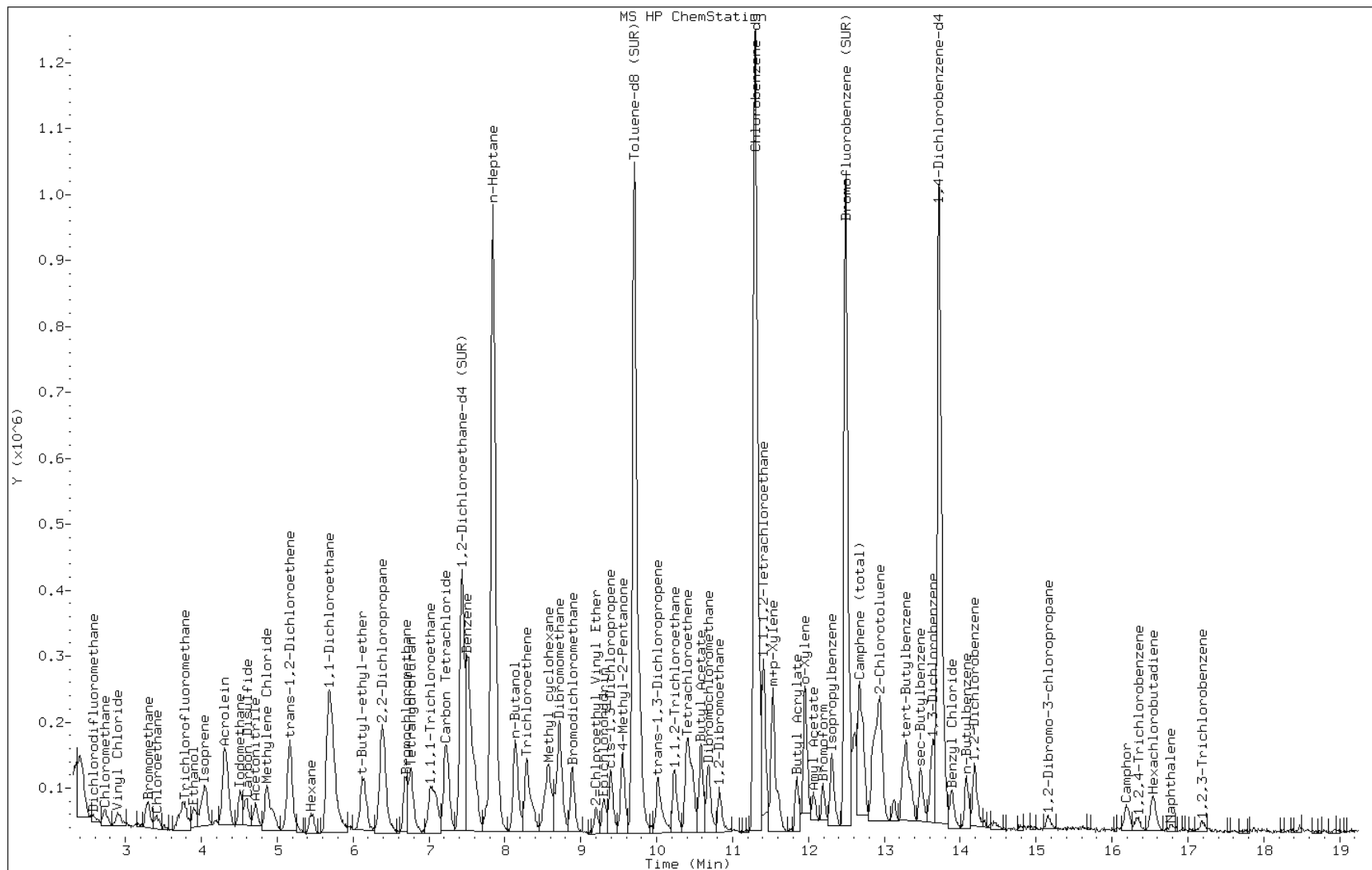
Date: 12-OCT-2011 02:17

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL2

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 12-OCT-2011 02:42
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 4 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.594	2.594	(0.331)	366126	20.0000	20
3 Chloromethane	50		2.739	2.739	(0.349)	211797	20.0000	17
4 Vinyl Chloride	62		2.912	2.912	(0.371)	236996	20.0000	19
6 Bromomethane	94		3.293	3.293	(0.420)	224991	20.0000	18
5 Chloroethane	64		3.412	3.412	(0.435)	137259	20.0000	17
7 Trichlorofluoromethane	101		3.722	3.722	(0.475)	488108	20.0000	22
8 n-Pentane	72		3.787	3.787	(0.483)	21894	20.0000	20
10 Isoprene	67		4.061	4.061	(0.518)	184383	20.0000	18
11 Ethyl Ether	59		4.006	4.006	(0.511)	159694	20.0000	20
13 Acrolein	56		4.189	4.189	(0.534)	59352	40.0000	37
15 1,1-Dichloroethene	96		4.308	4.308	(0.550)	193968	20.0000	17
14 Freon TF	101		4.327	4.327	(0.552)	354635	20.0000	18
16 Acetone	58		4.364	4.364	(0.557)	13692	20.0000	19
17 Iodomethane	142		4.510	4.510	(0.575)	618524	20.0000	18

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.593	4.593	(0.586)	611621	20.0000	16
21 Acetonitrile	39	4.702	4.702	(0.600)	47173	400.000	400
27 Methyl Acetate	74	4.721	4.721	(0.602)	46034	20.0000	17
22 Methylene Chloride	84	4.866	4.866	(0.621)	268993	20.0000	19
24 TBA	59	4.949	4.949	(0.631)	325497	400.000	380
25 trans-1,2-Dichloroethene	96	5.175	5.175	(0.660)	246471	20.0000	18
26 Acrylonitrile	53	5.148	5.148	(0.657)	49665	20.0000	21
28 MTBE	73	5.148	5.148	(0.657)	577338	20.0000	19
29 Hexane	56	5.459	5.459	(0.696)	67292	20.0000	16
30 1,1-Dichloroethane	63	5.677	5.677	(0.724)	500203	20.0000	18
31 Vinyl Acetate	43	5.686	5.686	(0.725)	699346	20.0000	20
32 DIPE	45	5.695	5.695	(0.727)	1057430	20.0000	18
35 t-Butyl-ethyl-ether	59	6.130	6.130	(0.782)	804958	20.0000	19
37 2,2-Dichloropropane	77	6.385	6.385	(0.815)	357481	20.0000	18
36 cis-1,2-Dichloroethene	96	6.376	6.376	(0.813)	276995	20.0000	19
38 2-Butanone	72	6.385	6.385	(0.815)	18010	20.0000	20
39 Ethyl Acetate	70	6.404	6.404	(0.817)	54342	40.0000	34
40 Bromochloromethane	128	6.687	6.687	(0.853)	188171	20.0000	18
41 Tetrahydrofuran	42	6.733	6.733	(0.859)	57262	20.0000	21
42 Chloroform	83	6.770	6.770	(0.864)	537709	20.0000	19
43 1,1,1-Trichloroethane	97	7.025	7.025	(0.896)	400856	20.0000	19
44 Cyclohexane	56	7.098	7.098	(0.906)	230209	20.0000	19
45 Carbon Tetrachloride	117	7.234	7.234	(0.923)	356287	20.0000	18
46 1,1-Dichloropropene	75	7.216	7.216	(0.921)	351458	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.435	(0.949)	608902	50.0000	51
48 Benzene	78	7.509	7.509	(0.665)	703865	20.0000	18
49 1,2-Dichloroethane	62	7.536	7.536	(0.961)	309358	20.0000	19
51 n-Heptane	57	7.756	7.756	(0.989)	36754	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.970)	670472	20.0000	18
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1871130	50.0000	
54 Trichloroethene	95	8.287	8.287	(1.057)	292988	20.0000	19
53 n-Butanol	43	8.131	8.131	(1.037)	191921	1500.00	1500
56 Methyl cyclohexane	83	8.522	8.522	(1.087)	160012	20.0000	19
55 Ethyl Acrylate	55	8.368	8.368	(1.067)	313582	20.0000	20
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	312993	20.0000	18
58 Dibromomethane	93	8.730	8.730	(1.114)	285214	20.0000	20
59 Methyl Methacrylate	100	8.649	8.649	(1.103)	67808	20.0000	19
75 Propyl Acetate	43	8.704	8.704	(1.110)	797728	40.0000	39
68 Bromodichloromethane	83	8.885	8.885	(1.134)	546581	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.204	9.204	(1.174)	176385	20.0000	24
63 Epichlorohydrin	57	9.305	9.305	(0.824)	445910	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.832)	449334	20.0000	21
70 4-Methyl-2-Pentanone	43	9.542	9.542	(0.845)	246869	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.706	9.706	(0.859)	1370932	50.0000	52
66 Toluene	91	9.779	9.779	(0.866)	696243	20.0000	18
64 trans-1,3-Dichloropropene	75	10.018	10.018	(0.887)	369201	20.0000	20
69 1,1,2-Trichloroethane	83	10.228	10.228	(0.905)	232312	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	248785	20.0000	20
72 1,3-Dichloropropane	76	10.421	10.421	(0.923)	416937	20.0000	20
73 2-Hexanone	43	10.476	10.476	(0.927)	137792	20.0000	20
74 Dibromochloromethane	129	10.687	10.687	(0.946)	447672	20.0000	22
76 Butyl Acetate	73	10.586	10.586	(0.937)	150082	40.0000	41
77 1,2-Dibromoethane	107	10.825	10.825	(0.958)	371327	20.0000	20
* 78 Chlorobenzene-d5	117	11.296	11.296	(1.000)	1360082	50.0000	
79 Chlorobenzene	112	11.323	11.323	(1.002)	533160	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	294526	20.0000	20
81 Ethylbenzene	106	11.412	11.412	(1.010)	190846	20.0000	20
82 m+p-Xylene	106	11.530	11.530	(1.021)	538442	40.0000	39
84 o-Xylene	106	11.949	11.949	(1.058)	252249	20.0000	21
85 Styrene	104	11.958	11.958	(1.059)	479267	20.0000	21
83 Butyl Acrylate	73	11.849	11.849	(1.049)	192493	20.0000	20
86 Bromoform	173	12.196	12.196	(1.080)	282725	20.0000	22
87 Amyl Acetate	43	12.068	12.068	(0.880)	296525	20.0000	18
88 Isopropylbenzene	105	12.306	12.306	(1.089)	582220	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	12.488	12.488	(0.910)	588594	50.0000	49
90 Camphene (total)	41	12.598	12.598	(1.115)	47817	20.0000	16
91 Bromobenzene	156	12.672	12.672	(0.924)	262694	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	12.617	12.617	(0.920)	385608	20.0000	18
93 1,2,3-Trichloropropane	110	12.672	12.672	(0.924)	96223	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.663	12.663	(0.923)	65774	20.0000	20
95 n-Propylbenzene	91	12.727	12.727	(0.928)	644835	20.0000	18
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	402853	20.0000	19
97 1,3,5-Trimethylbenzene	105	12.892	12.892	(0.940)	429800	20.0000	17
98 4-Chlorotoluene	91	12.956	12.956	(0.944)	588365	20.0000	18
99 Butyl Methacrylate	87	12.929	12.929	(0.942)	356768	20.0000	20
100 tert-Butylbenzene	119	13.248	13.248	(0.966)	433029	20.0000	18
101 1,2,4-Trimethylbenzene	105	13.293	13.293	(0.969)	489362	20.0000	19
102 2-Octanone	43	13.347	13.347	(0.973)	329397	20.0000	20
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	554389	20.0000	18
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	314171	20.0000	19
107 p-Isopropyltoluene	119	13.621	13.621	(0.993)	429817	20.0000	18
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	577199	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	390188	20.0000	19
110 Benzyl Chloride	91	13.898	13.898	(1.013)	373371	20.0000	21
106 n-Butylbenzene	91	14.081	14.081	(1.026)	378590	20.0000	18
111 1,2-Dichlorobenzene	146	14.191	14.191	(1.034)	357910	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	15.153	15.153	(1.105)	66687	20.0000	19
113 Camphor	95	16.189	16.189	(1.180)	113935	100.000	95
114 1,2,4-Trichlorobenzene	180	16.344	16.344	(1.191)	127445	20.0000	20
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	126287	20.0000	17
116 Naphthalene	128	16.781	16.781	(1.223)	176097	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.192	17.192	(1.253)	85672	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				523466	40.0000	38
M 121 Xylene (Total)	100				790691	60.0000	60

Data File: j04492.d

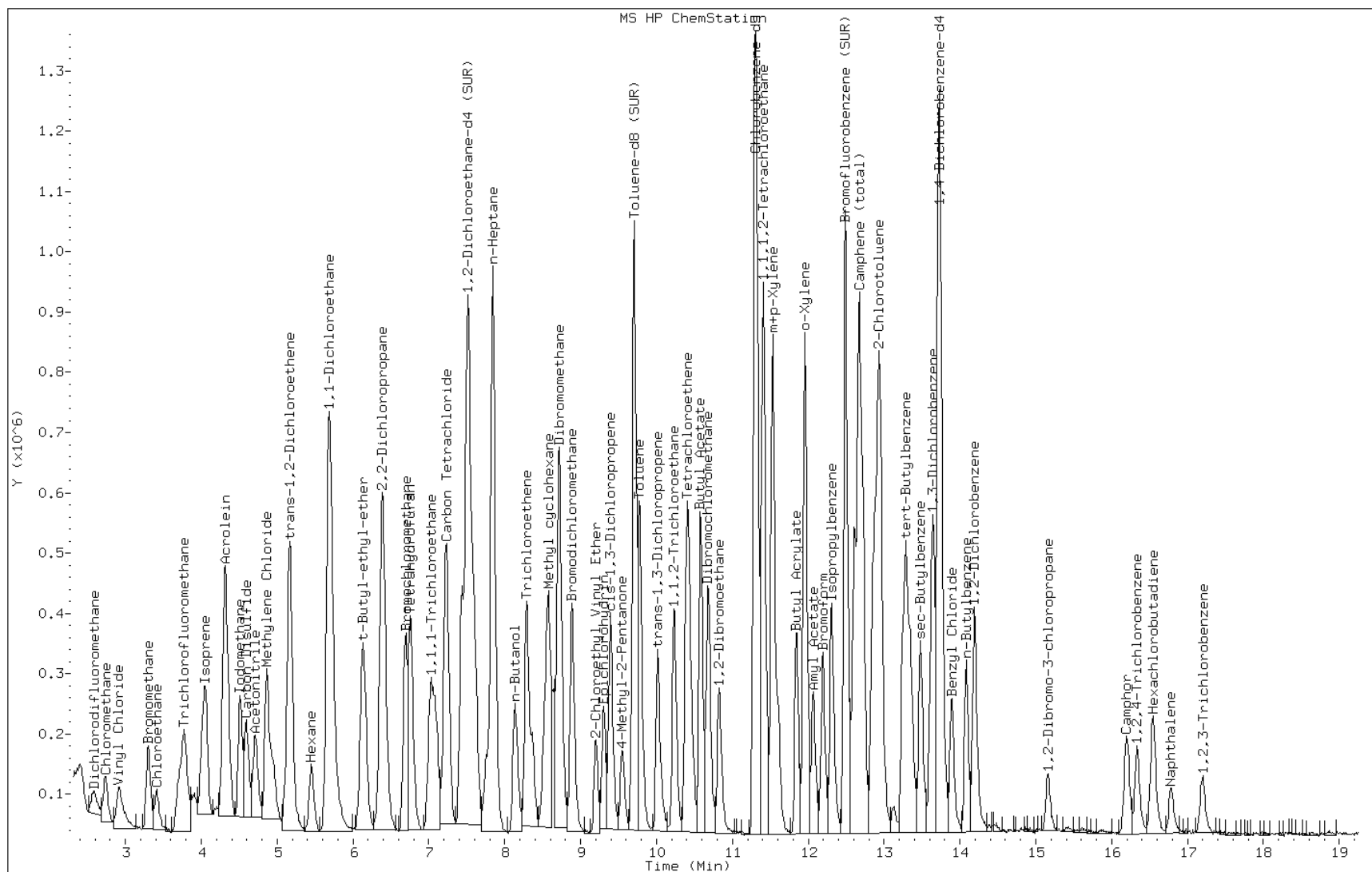
Date: 12-OCT-2011 02:42

Client ID:

Instrument: VOAMS8.i

Sample Info: ICIS-VMCAL3

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 12-OCT-2011 03:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 5 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.577	2.594	(0.328)	924495	50.0000	50
3 Chloromethane	50		2.742	2.739	(0.349)	530295	50.0000	47
4 Vinyl Chloride	62		2.933	2.912	(0.374)	622826	50.0000	51
6 Bromomethane	94		3.304	3.293	(0.421)	573933	50.0000	49
5 Chloroethane	64		3.412	3.412	(0.435)	347039	50.0000	47
7 Trichlorofluoromethane	101		3.714	3.722	(0.473)	1205673	50.0000	55
8 n-Pentane	72		3.769	3.787	(0.480)	56600	50.0000	50
10 Isoprene	67		4.052	4.061	(0.516)	519555	50.0000	53
11 Ethyl Ether	59		4.007	4.006	(0.510)	415398	50.0000	53
13 Acrolein	56		4.190	4.189	(0.534)	140915	100.000	94
15 1,1-Dichloroethene	96		4.316	4.308	(0.550)	550987	50.0000	51
14 Freon TF	101		4.325	4.327	(0.551)	989560	50.0000	53
16 Acetone	58		4.362	4.364	(0.556)	34076	50.0000	50
17 Iodomethane	142		4.514	4.510	(0.575)	1660828	50.0000	50

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.585)	1645573	50.0000	48
21 Acetonitrile	39	4.704	4.702	(0.599)	111650	1000.00	1000
27 Methyl Acetate	74	4.712	4.721	(0.600)	124048	50.0000	48
22 Methylene Chloride	84	4.865	4.866	(0.620)	668042	50.0000	49
24 TBA	59	4.954	4.949	(0.631)	851209	1000.00	1000
25 trans-1,2-Dichloroethene	96	5.172	5.175	(0.659)	653911	50.0000	50
26 Acrylonitrile	53	5.144	5.148	(0.655)	128089	50.0000	56
28 MTBE	73	5.153	5.148	(0.657)	1454686	50.0000	50
29 Hexane	56	5.452	5.459	(0.695)	197247	50.0000	50
30 1,1-Dichloroethane	63	5.671	5.677	(0.722)	1273088	50.0000	48
31 Vinyl Acetate	43	5.689	5.686	(0.725)	1698209	50.0000	50
32 DIPE	45	5.698	5.695	(0.726)	2637284	50.0000	48
35 t-Butyl-ethyl-ether	59	6.135	6.130	(0.782)	2042990	50.0000	51
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	921664	50.0000	49
36 cis-1,2-Dichloroethene	96	6.381	6.376	(0.813)	710927	50.0000	52
38 2-Butanone	72	6.381	6.385	(0.813)	46832	50.0000	54
39 Ethyl Acetate	70	6.418	6.404	(0.818)	129620	100.000	89
40 Bromochloromethane	128	6.683	6.687	(0.851)	477990	50.0000	48
41 Tetrahydrofuran	42	6.729	6.733	(0.857)	134511	50.0000	51
42 Chloroform	83	6.757	6.770	(0.861)	1389535	50.0000	51
43 1,1,1-Trichloroethane	97	7.021	7.025	(0.894)	1098320	50.0000	54
44 Cyclohexane	56	7.085	7.098	(0.903)	609287	50.0000	53
45 Carbon Tetrachloride	117	7.240	7.234	(0.922)	1014718	50.0000	54
46 1,1-Dichloropropene	75	7.223	7.216	(0.920)	928956	50.0000	50
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.429	7.435	(0.947)	593796	50.0000	51
48 Benzene	78	7.512	7.509	(0.665)	1834858	50.0000	50
49 1,2-Dichloroethane	62	7.530	7.536	(0.959)	801492	50.0000	51
51 n-Heptane	57	7.759	7.756	(0.989)	179715	50.0000	52
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.968)	1707581	50.0000	49
* 52 Fluorobenzene	96	7.849	7.838	(1.000)	1783334	50.0000	
54 Trichloroethene	95	8.294	8.287	(1.057)	772726	50.0000	51
53 n-Butanol	43	8.131	8.131	(1.036)	250714	2000.00	2100
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	436381	50.0000	54
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	777226	50.0000	51
57 1,2-Dichloropropane	63	8.568	8.585	(1.092)	814297	50.0000	49
58 Dibromomethane	93	8.724	8.730	(1.111)	696181	50.0000	51
59 Methyl Methacrylate	100	8.651	8.649	(1.102)	171862	50.0000	51
75 Propyl Acetate	43	8.706	8.704	(1.109)	1977463	100.000	100
68 Bromodichloromethane	83	8.887	8.885	(1.132)	1394000	50.0000	53
62 2-Chloroethyl Vinyl Ether	63	9.199	9.204	(1.172)	423677	50.0000	58
63 Epichlorohydrin	57	9.300	9.305	(0.823)	1114951	1000.00	1000
67 cis-1,3-Dichloropropene	75	9.401	9.396	(0.832)	1157271	50.0000	54
70 4-Methyl-2-Pentanone	43	9.556	9.542	(0.846)	617376	50.0000	51
\$ 65 Toluene-d8 (SUR)	98	9.710	9.706	(0.859)	1376149	50.0000	53
66 Toluene	91	9.783	9.779	(0.866)	1747025	50.0000	47
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.887)	952219	50.0000	52
69 1,1,2-Trichloroethane	83	10.237	10.228	(0.906)	572825	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	681650	50.0000	55
72 1,3-Dichloropropane	76	10.421	10.421	(0.922)	1048259	50.0000	51
73 2-Hexanone	43	10.476	10.476	(0.927)	356037	50.0000	52
74 Dibromochloromethane	129	10.687	10.687	(0.946)	1153097	50.0000	55
76 Butyl Acetate	73	10.586	10.586	(0.937)	387325	100.000	110
77 1,2-Dibromoethane	107	10.824	10.825	(0.958)	951877	50.0000	53
* 78 Chlorobenzene-d5	117	11.300	11.296	(1.000)	1315775	50.0000	
79 Chlorobenzene	112	11.325	11.323	(1.002)	1342559	50.0000	52
80 1,1,1,2-Tetrachloroethane	131	11.408	11.403	(1.010)	743810	50.0000	51
81 Ethylbenzene	106	11.417	11.412	(1.010)	526078	50.0000	56
82 m+p-Xylene	106	11.532	11.530	(1.021)	1402299	100.000	100
84 o-Xylene	106	11.946	11.949	(1.057)	665113	50.0000	55
85 Styrene	104	11.964	11.958	(1.059)	1229765	50.0000	54
83 Butyl Acrylate	73	11.838	11.849	(1.048)	548540	50.0000	51
86 Bromoform	173	12.190	12.196	(1.079)	717031	50.0000	56
87 Amyl Acetate	43	12.065	12.068	(0.879)	803858	50.0000	49
88 Isopropylbenzene	105	12.309	12.306	(1.089)	1546233	50.0000	52
\$ 89 Bromofluorobenzene (SUR)	174	12.490	12.488	(0.910)	609536	50.0000	51
90 Camphene (total)	41	12.597	12.598	(1.115)	129372	50.0000	46
91 Bromobenzene	156	12.671	12.672	(0.924)	666180	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	12.616	12.617	(0.920)	966527	50.0000	47
93 1,2,3-Trichloropropane	110	12.680	12.672	(0.924)	241970	50.0000	49
94 trans-1,4-Dichloro-2-butene	53	12.671	12.663	(0.924)	183194	50.0000	55
95 n-Propylbenzene	91	12.724	12.727	(0.928)	1738494	50.0000	50
96 2-Chlorotoluene	91	12.844	12.846	(0.936)	1068052	50.0000	51
97 1,3,5-Trimethylbenzene	105	12.889	12.892	(0.940)	1176589	50.0000	49
98 4-Chlorotoluene	91	12.954	12.956	(0.944)	1523754	50.0000	49
99 Butyl Methacrylate	87	12.926	12.929	(0.942)	926661	50.0000	53
100 tert-Butylbenzene	119	13.246	13.248	(0.966)	1135219	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	1230311	50.0000	49
102 2-Octanone	43	13.347	13.347	(0.973)	999559	50.0000	51
103 sec-Butylbenzene	105	13.484	13.483	(0.983)	1507105	50.0000	50
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	865345	50.0000	53
107 p-Isopropyltoluene	119	13.620	13.621	(0.993)	1197428	50.0000	52
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	566059	50.0000	
109 1,4-Dichlorobenzene	146	13.746	13.745	(1.002)	1076881	50.0000	52
110 Benzyl Chloride	91	13.888	13.898	(1.012)	963279	50.0000	54
106 n-Butylbenzene	91	14.079	14.081	(1.026)	1064641	50.0000	52
111 1,2-Dichlorobenzene	146	14.199	14.191	(1.035)	904180	50.0000	52
112 1,2-Dibromo-3-chloropropane	75	15.155	15.153	(1.105)	170821	50.0000	50
113 Camphor	95	16.204	16.189	(1.181)	303946	250.000	260
114 1,2,4-Trichlorobenzene	180	16.332	16.344	(1.191)	440208	50.0000	52
115 Hexachlorobutadiene	225	16.549	16.545	(1.206)	380928	50.0000	52
116 Naphthalene	128	16.777	16.781	(1.223)	644114	50.0000	52
117 1,2,3-Trichlorobenzene	180	17.202	17.192	(1.254)	321381	50.0000	52
M 120 1,2-Dichloroethene (Total)	100				1364838	100.000	100
M 121 Xylene (Total)	100				2067412	150.000	160

Data File: j04493.d

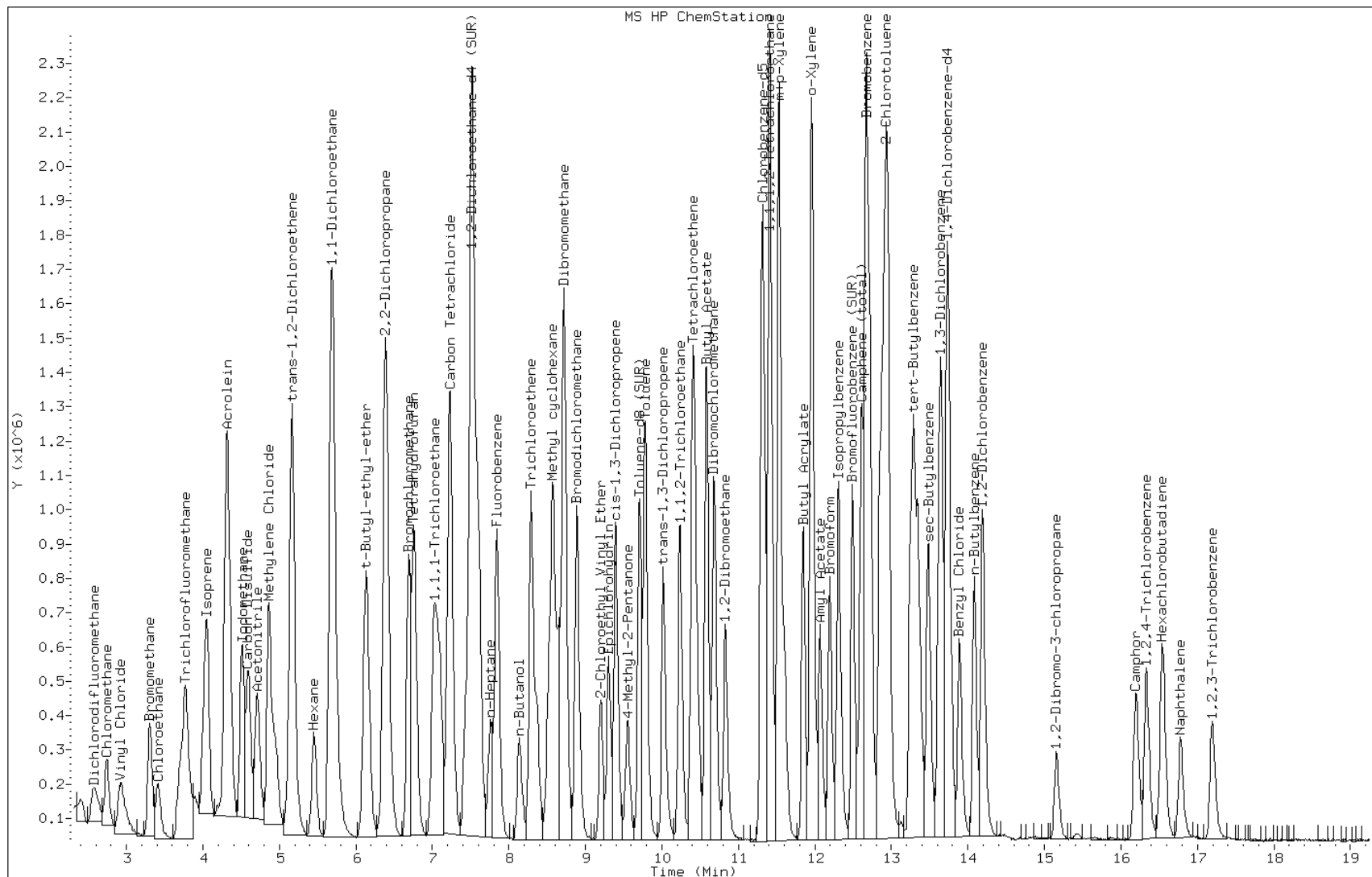
Date: 12-OCT-2011 03:07

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 12-OCT-2011 03:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 6 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.574	2.594	(0.328)	3518761	200.000	200
3 Chloromethane	50		2.756	2.739	(0.351)	2124591	200.000	200
4 Vinyl Chloride	62		2.947	2.912	(0.376)	2394662	200.000	210
6 Bromomethane	94		3.310	3.293	(0.422)	2028804	200.000	190
5 Chloroethane	64		3.420	3.412	(0.436)	1280379	200.000	190
7 Trichlorofluoromethane	101		3.730	3.722	(0.475)	4547859	200.000	220
8 n-Pentane	72		3.776	3.787	(0.481)	218336	200.000	200
10 Isoprene	67		4.049	4.061	(0.516)	1933803	200.000	210
11 Ethyl Ether	59		4.004	4.006	(0.510)	1499719	200.000	200
13 Acrolein	56		4.187	4.189	(0.534)	247300	200.000	180
15 1,1-Dichloroethene	96		4.306	4.308	(0.549)	2028964	200.000	200
14 Freon TF	101		4.315	4.327	(0.550)	3788640	200.000	220
16 Acetone	58		4.351	4.364	(0.555)	129321	200.000	200
17 Iodomethane	142		4.513	4.510	(0.575)	6017123	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.586)	6422009	200.000	200
21 Acetonitrile	39	4.695	4.702	(0.598)	433642	4000.00	4000
27 Methyl Acetate	74	4.714	4.721	(0.601)	444448	200.000	190
22 Methylene Chloride	84	4.858	4.866	(0.619)	2394935	200.000	190
24 TBA	59	4.949	4.949	(0.631)	3155306	4000.00	4100
25 trans-1,2-Dichloroethene	96	5.169	5.175	(0.659)	2336951	200.000	200
26 Acrylonitrile	53	5.142	5.148	(0.655)	256410	100.000	120
28 MTBE	73	5.151	5.148	(0.656)	5257850	200.000	200
29 Hexane	56	5.443	5.459	(0.694)	712842	200.000	200
30 1,1-Dichloroethane	63	5.671	5.677	(0.723)	4544379	200.000	190
31 Vinyl Acetate	43	5.690	5.686	(0.725)	5898424	200.000	200
32 DIPE	45	5.690	5.695	(0.725)	9386261	200.000	190
35 t-Butyl-ethyl-ether	59	6.136	6.130	(0.782)	7569436	200.000	200
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	3395200	200.000	200
36 cis-1,2-Dichloroethene	96	6.372	6.376	(0.812)	2601609	200.000	200
38 2-Butanone	72	6.372	6.385	(0.812)	186788	200.000	220
39 Ethyl Acetate	70	6.417	6.404	(0.818)	481125	400.000	360
40 Bromochloromethane	128	6.682	6.687	(0.852)	1683475	200.000	180
41 Tetrahydrofuran	42	6.737	6.733	(0.859)	495332	200.000	200(A)
42 Chloroform	83	6.765	6.770	(0.862)	4938825	200.000	200
43 1,1,1-Trichloroethane	97	7.028	7.025	(0.896)	4102884	200.000	210
44 Cyclohexane	56	7.098	7.098	(0.905)	2360135	200.000	220
45 Carbon Tetrachloride	117	7.236	7.234	(0.922)	3714696	200.000	210
46 1,1-Dichloropropene	75	7.217	7.216	(0.920)	3356623	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.436	7.435	(0.948)	523915	50.0000	49
48 Benzene	78	7.509	7.509	(0.664)	6322402	200.000	200
49 1,2-Dichloroethane	62	7.527	7.536	(0.959)	2814220	200.000	190
51 n-Heptane	57	7.755	7.756	(0.988)	752802	200.000	200
50 t-Amyl-methyl-ether	73	7.599	7.600	(0.968)	6220614	200.000	190
* 52 Fluorobenzene	96	7.847	7.838	(1.000)	1656642	50.0000	
54 Trichloroethene	95	8.285	8.287	(1.056)	2767896	200.000	200
53 n-Butanol	43	8.130	8.131	(1.036)	309390	2500.00	2700
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	1637409	200.000	210
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	2942439	200.000	200
57 1,2-Dichloropropane	63	8.576	8.585	(1.093)	2807726	200.000	190
58 Dibromomethane	93	8.723	8.730	(1.112)	2466417	200.000	190
59 Methyl Methacrylate	100	8.659	8.649	(1.104)	603280	200.000	190
75 Propyl Acetate	43	8.705	8.704	(1.109)	7045164	400.000	390
68 Bromodichloromethane	83	8.888	8.885	(1.133)	4961940	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.198	9.204	(1.172)	1589914	200.000	220
63 Epichlorohydrin	57	9.307	9.305	(0.824)	4237138	4000.00	4400
67 cis-1,3-Dichloropropene	75	9.398	9.396	(0.832)	4061718	200.000	210
70 4-Methyl-2-Pentanone	43	9.554	9.542	(0.845)	2288257	200.000	220
\$ 65 Toluene-d8 (SUR)	98	9.708	9.706	(0.859)	1174123	50.0000	52
66 Toluene	91	9.781	9.779	(0.865)	6151684	200.000	190
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.886)	3400993	200.000	210
69 1,1,2-Trichloroethane	83	10.230	10.228	(0.905)	2023395	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.395	10.393	(0.920)	2380241	200.000	220
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	3639097	200.000	200
73 2-Hexanone	43	10.477	10.476	(0.927)	1377040	200.000	220
74 Dibromochloromethane	129	10.688	10.687	(0.946)	4092361	200.000	220
76 Butyl Acetate	73	10.578	10.586	(0.936)	1421688	400.000	440
77 1,2-Dibromoethane	107	10.826	10.825	(0.958)	3307067	200.000	210
* 78 Chlorobenzene-d5	117	11.302	11.296	(1.000)	1145191	50.0000	
79 Chlorobenzene	112	11.329	11.323	(1.002)	4697638	200.000	210
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	2704922	200.000	210
81 Ethylbenzene	106	11.412	11.412	(1.010)	1847310	200.000	220
82 m+p-Xylene	106	11.532	11.530	(1.020)	4691716	400.000	400
84 o-Xylene	106	11.949	11.949	(1.057)	2325908	200.000	220
85 Styrene	104	11.966	11.958	(1.059)	4417048	200.000	220
83 Butyl Acrylate	73	11.848	11.849	(1.048)	2051918	200.000	200
86 Bromoform	173	12.191	12.196	(1.079)	2672454	200.000	230
87 Amyl Acetate	43	12.072	12.068	(0.880)	3081155	200.000	200
88 Isopropylbenzene	105	12.311	12.306	(1.089)	5352888	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.493	12.488	(0.911)	527081	50.0000	46
90 Camphene (total)	41	12.594	12.598	(1.114)	493214	200.000	200
91 Bromobenzene	156	12.668	12.672	(0.923)	2305498	200.000	180
92 1,1,2,2-Tetrachloroethane	83	12.622	12.617	(0.920)	3308027	200.000	170
93 1,2,3-Trichloropropane	110	12.686	12.672	(0.925)	788439	200.000	170
94 trans-1,4-Dichloro-2-butene	53	12.668	12.663	(0.923)	676400	200.000	210
95 n-Propylbenzene	91	12.723	12.727	(0.927)	5862476	200.000	180
96 2-Chlorotoluene	91	12.851	12.846	(0.937)	3816210	200.000	190
97 1,3,5-Trimethylbenzene	105	12.888	12.892	(0.939)	4044491	200.000	180
98 4-Chlorotoluene	91	12.952	12.956	(0.944)	5002978	200.000	170
99 Butyl Methacrylate	87	12.925	12.929	(0.942)	3365806	200.000	200
100 tert-Butylbenzene	119	13.250	13.248	(0.966)	3824788	200.000	170
101 1,2,4-Trimethylbenzene	105	13.296	13.293	(0.969)	4306760	200.000	180
102 2-Octanone	43	13.348	13.347	(0.973)	4510715	200.000	200(A)
103 sec-Butylbenzene	105	13.481	13.483	(0.983)	5052100	200.000	180
105 1,3-Dichlorobenzene	146	13.654	13.655	(0.995)	2831573	200.000	180
107 p-Isopropyltoluene	119	13.617	13.621	(0.993)	3949939	200.000	180
* 108 1,4-Dichlorobenzene-d4	152	13.719	13.718	(1.000)	550719	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	3834556	200.000	190
110 Benzyl Chloride	91	13.892	13.898	(1.013)	3620023	200.000	210
106 n-Butylbenzene	91	14.085	14.081	(1.027)	3780655	200.000	190
111 1,2-Dichlorobenzene	146	14.195	14.191	(1.035)	3253935	200.000	190
112 1,2-Dibromo-3-chloropropane	75	15.151	15.153	(1.104)	697923	200.000	210
113 Camphor	95	16.197	16.189	(1.181)	1323390	1000.00	1100
114 1,2,4-Trichlorobenzene	180	16.335	16.344	(1.191)	1900906	200.000	200
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	1460984	200.000	200
116 Naphthalene	128	16.777	16.781	(1.223)	3232507	200.000	200
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1425254	200.000	200
M 120 1,2-Dichloroethene (Total)	100				4938560	400.000	400
M 121 Xylene (Total)	100				7017624	600.000	620

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: j04494.d

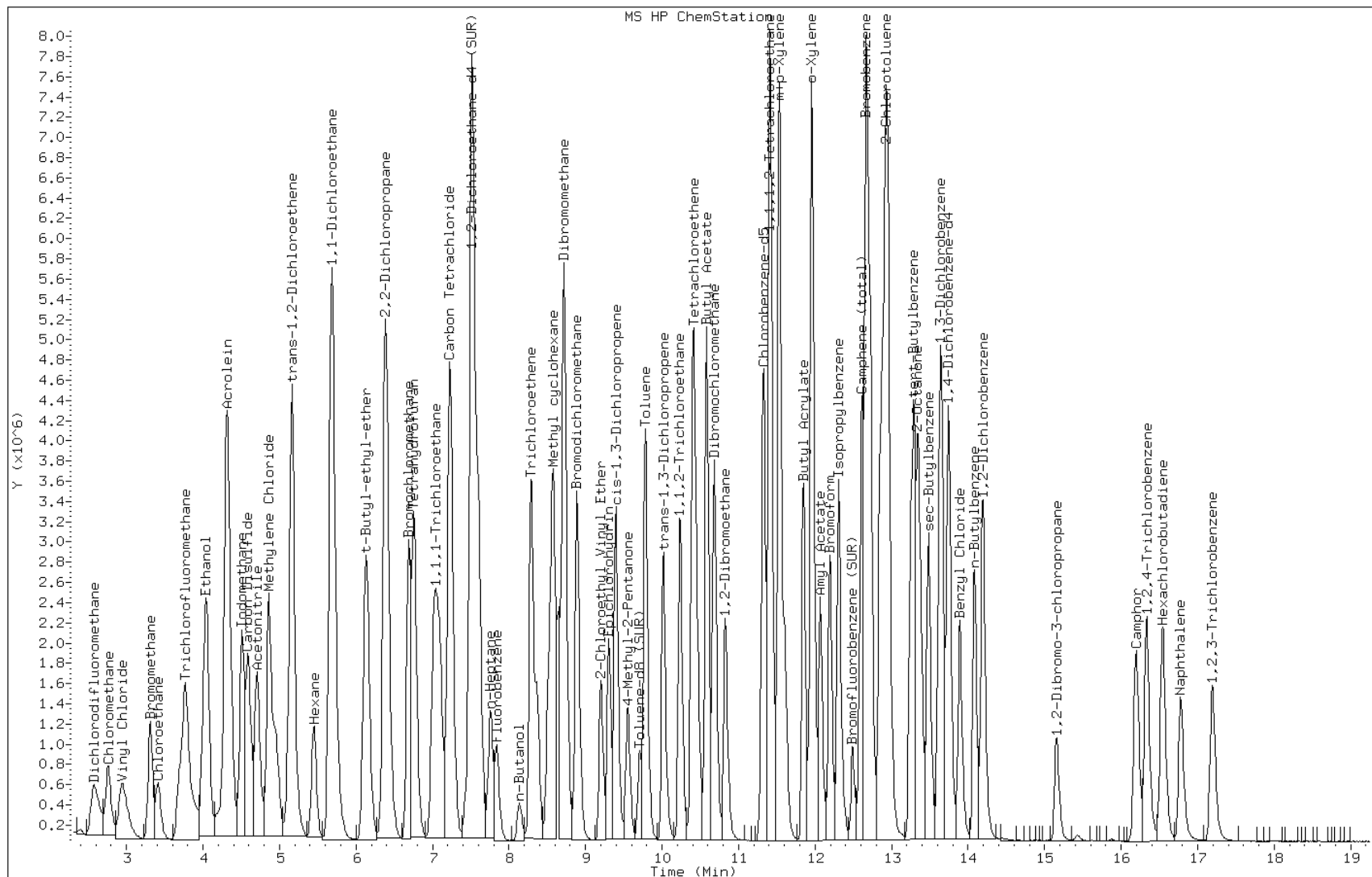
Date: 12-OCT-2011 03:32

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 12-OCT-2011 03:56
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 7 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.576	2.594	(0.328)	8898844	500.000	510(A)
3 Chloromethane	50		2.794	2.739	(0.356)	5313401	500.000	540(A)
4 Vinyl Chloride	62		2.959	2.912	(0.377)	6073785	500.000	560(A)
6 Bromomethane	94		3.323	3.293	(0.423)	4859826	500.000	490
5 Chloroethane	64		3.424	3.412	(0.436)	2992024	500.000	480
7 Trichlorofluoromethane	101		3.751	3.722	(0.478)	11476169	500.000	580(A)
8 n-Pentane	72		3.778	3.787	(0.481)	560728	500.000	510(A)
10 Isoprene	67		4.057	4.061	(0.517)	5003938	500.000	570(A)
11 Ethyl Ether	59		4.011	4.006	(0.511)	3668608	500.000	530(A)
13 Acrolein	56		4.192	4.189	(0.534)	486112	400.000	390
15 1,1-Dichloroethene	96		4.321	4.308	(0.550)	4964372	500.000	530(A)
14 Freon TF	101		4.330	4.327	(0.552)	9346034	500.000	560(A)
16 Acetone	58		4.376	4.364	(0.557)	303747	500.000	520(A)
17 Iodomethane	142		4.519	4.510	(0.576)	14243885	500.000	500(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.601	4.593 (0.586)		15377548	500.000	510(A)
21 Acetonitrile	39	4.711	4.702 (0.600)		1059422	10000.0	10000(A)
27 Methyl Acetate	74	4.721	4.721 (0.601)		1063335	500.000	490
22 Methylene Chloride	84	4.867	4.866 (0.620)		5829450	500.000	500(A)
24 TBA	59	4.968	4.949 (0.633)		7325451	10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.177	5.175 (0.659)		5646568	500.000	510(A)
26 Acrylonitrile	53	5.159	5.148 (0.657)		510482	200.000	240(A)
28 MTBE	73	5.159	5.148 (0.657)		12401863	500.000	500
29 Hexane	56	5.458	5.459 (0.695)		1789474	500.000	530(A)
30 1,1-Dichloroethane	63	5.681	5.677 (0.724)		11130516	500.000	500
31 Vinyl Acetate	43	5.699	5.686 (0.726)		13870829	500.000	500(A)
32 DIPE	45	5.707	5.695 (0.727)		21289750	500.000	470
35 t-Butyl-ethyl-ether	59	6.145	6.130 (0.783)		17674380	500.000	510(A)
37 2,2-Dichloropropane	77	6.401	6.385 (0.815)		7974840	500.000	500
36 cis-1,2-Dichloroethene	96	6.383	6.376 (0.813)		6023504	500.000	510(A)
38 2-Butanone	72	6.392	6.385 (0.814)		422006	500.000	540(A)
39 Ethyl Acetate	70	6.429	6.404 (0.819)		1072882	1000.00	900
40 Bromochloromethane	128	6.693	6.687 (0.852)		4097670	500.000	490
41 Tetrahydrofuran	42	6.748	6.733 (0.860)		1144102	500.000	500(A)
42 Chloroform	83	6.766	6.770 (0.862)		11851835	500.000	510(A)
43 1,1,1-Trichloroethane	97	7.032	7.025 (0.896)		9839074	500.000	540(A)
44 Cyclohexane	56	7.106	7.098 (0.905)		5636616	500.000	550(A)
45 Carbon Tetrachloride	117	7.251	7.234 (0.924)		8947171	500.000	540(A)
46 1,1-Dichloropropene	75	7.232	7.216 (0.921)		7853229	500.000	500
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435 (0.948)		516945	50.0000	52
48 Benzene	78	7.515	7.509 (0.665)		14314127	500.000	470
49 1,2-Dichloroethane	62	7.543	7.536 (0.961)		6654799	500.000	500
51 n-Heptane	57	7.759	7.756 (0.988)		1712363	500.000	500
50 t-Amyl-methyl-ether	73	7.607	7.600 (0.969)		13759853	500.000	470
* 52 Fluorobenzene	96	7.851	7.838 (1.000)		1530088	50.0000	
54 Trichloroethene	95	8.296	8.287 (1.057)		6555709	500.000	500(A)
53 n-Butanol	43	8.150	8.131 (1.038)		335262	3000.00	3200(A)
56 Methyl cyclohexane	83	8.534	8.522 (1.087)		3877947	500.000	540(A)
55 Ethyl Acrylate	55	8.378	8.368 (1.067)		6932364	500.000	520(A)
57 1,2-Dichloropropane	63	8.588	8.585 (1.094)		6629085	500.000	480
58 Dibromomethane	93	8.734	8.730 (1.113)		5720947	500.000	490
59 Methyl Methacrylate	100	8.661	8.649 (1.103)		1373229	500.000	480
75 Propyl Acetate	43	8.716	8.704 (1.110)		15226028	1000.00	930
68 Bromodichloromethane	83	8.898	8.885 (1.133)		11610961	500.000	510(A)
62 2-Chloroethyl Vinyl Ether	63	9.210	9.204 (1.173)		3936512	500.000	580(A)
63 Epichlorohydrin	57	9.310	9.305 (0.824)		9240282	10000.0	10000(A)
67 cis-1,3-Dichloropropene	75	9.400	9.396 (0.832)		9623521	500.000	520(A)
70 4-Methyl-2-Pentanone	43	9.556	9.542 (0.846)		5429046	500.000	530(A)
\$ 65 Toluene-d8 (SUR)	98	9.712	9.706 (0.859)		1184558	50.0000	54
66 Toluene	91	9.784	9.779 (0.866)		13911937	500.000	460
64 trans-1,3-Dichloropropene	75	10.020	10.018 (0.887)		8207621	500.000	530(A)
69 1,1,2-Trichloroethane	83	10.240	10.228 (0.906)		4768969	500.000	510(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.396	10.393	(0.920)	5701036	500.000	530(A)
72 1,3-Dichloropropane	76	10.433	10.421	(0.923)	8336221	500.000	490
73 2-Hexanone	43	10.479	10.476	(0.927)	3191128	500.000	540(A)
74 Dibromochloromethane	129	10.689	10.687	(0.946)	9704422	500.000	540(A)
76 Butyl Acetate	73	10.589	10.586	(0.937)	3249943	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.825	(0.959)	7765576	500.000	510(A)
* 78 Chlorobenzene-d5	117	11.301	11.296	(1.000)	1088402	50.0000	
79 Chlorobenzene	112	11.336	11.323	(1.003)	10881950	500.000	510(A)
80 1,1,1,2-Tetrachloroethane	131	11.409	11.403	(1.010)	6254325	500.000	510(A)
81 Ethylbenzene	106	11.419	11.412	(1.010)	4076559	500.000	510(A)
82 m+p-Xylene	106	11.536	11.530	(1.021)	10584954	1000.00	960
84 o-Xylene	106	11.955	11.949	(1.058)	5327616	500.000	520(A)
85 Styrene	104	11.965	11.958	(1.059)	9757075	500.000	500(A)
83 Butyl Acrylate	73	11.845	11.849	(1.048)	4974967	500.000	500(A)
86 Bromoform	173	12.202	12.196	(1.080)	6532969	500.000	570(A)
87 Amyl Acetate	43	12.074	12.068	(0.880)	7413957	500.000	480
88 Isopropylbenzene	105	12.312	12.306	(1.089)	12516454	500.000	510(A)
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.488	(0.910)	531351	50.0000	47
90 Camphene (total)	41	12.597	12.598	(1.115)	1216659	500.000	510(A)
91 Bromobenzene	156	12.670	12.672	(0.923)	5483745	500.000	440
92 1,1,2,2-Tetrachloroethane	83	12.624	12.617	(0.920)	7851525	500.000	420(A)
93 1,2,3-Trichloropropane	110	12.689	12.672	(0.924)	1893149	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.680	12.663	(0.924)	1529525	500.000	470
95 n-Propylbenzene	91	12.735	12.727	(0.928)	13586554	500.000	420
96 2-Chlorotoluene	91	12.852	12.846	(0.936)	8737779	500.000	450(A)
97 1,3,5-Trimethylbenzene	105	12.898	12.892	(0.940)	9607609	500.000	430
98 4-Chlorotoluene	91	12.961	12.956	(0.944)	12295999	500.000	430
99 Butyl Methacrylate	87	12.934	12.929	(0.942)	8283162	500.000	490
100 tert-Butylbenzene	119	13.259	13.248	(0.966)	9649749	500.000	440
101 1,2,4-Trimethylbenzene	105	13.305	13.293	(0.969)	10617370	500.000	460
102 2-Octanone	43	13.359	13.347	(0.973)	11767048	500.000	500(A)
103 sec-Butylbenzene	105	13.488	13.483	(0.983)	12322110	500.000	440
105 1,3-Dichlorobenzene	146	13.662	13.655	(0.995)	7153440	500.000	470
107 p-Isopropyltoluene	119	13.625	13.621	(0.993)	9948587	500.000	460
* 108 1,4-Dichlorobenzene-d4	152	13.727	13.718	(1.000)	549963	50.0000	
109 1,4-Dichlorobenzene	146	13.754	13.745	(1.002)	9371295	500.000	470
110 Benzyl Chloride	91	13.892	13.898	(1.012)	9241415	500.000	530(A)
106 n-Butylbenzene	91	14.084	14.081	(1.026)	10035414	500.000	500(A)
111 1,2-Dichlorobenzene	146	14.198	14.191	(1.034)	8038288	500.000	480
112 1,2-Dibromo-3-chloropropane	75	15.157	15.153	(1.104)	1901941	500.000	560(A)
113 Camphor	95	16.195	16.189	(1.180)	3470515	2500.00	2800(A)
114 1,2,4-Trichlorobenzene	180	16.341	16.344	(1.190)	4665436	500.000	500
115 Hexachlorobutadiene	225	16.549	16.545	(1.206)	3451371	500.000	490
116 Naphthalene	128	16.778	16.781	(1.222)	7571154	500.000	500
117 1,2,3-Trichlorobenzene	180	17.197	17.192	(1.253)	3200178	500.000	490
M 120 1,2-Dichloroethene (Total)	100				11670072	1000.00	1000(A)
M 121 Xylene (Total)	100				15912570	1500.00	1500

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: j04495.d

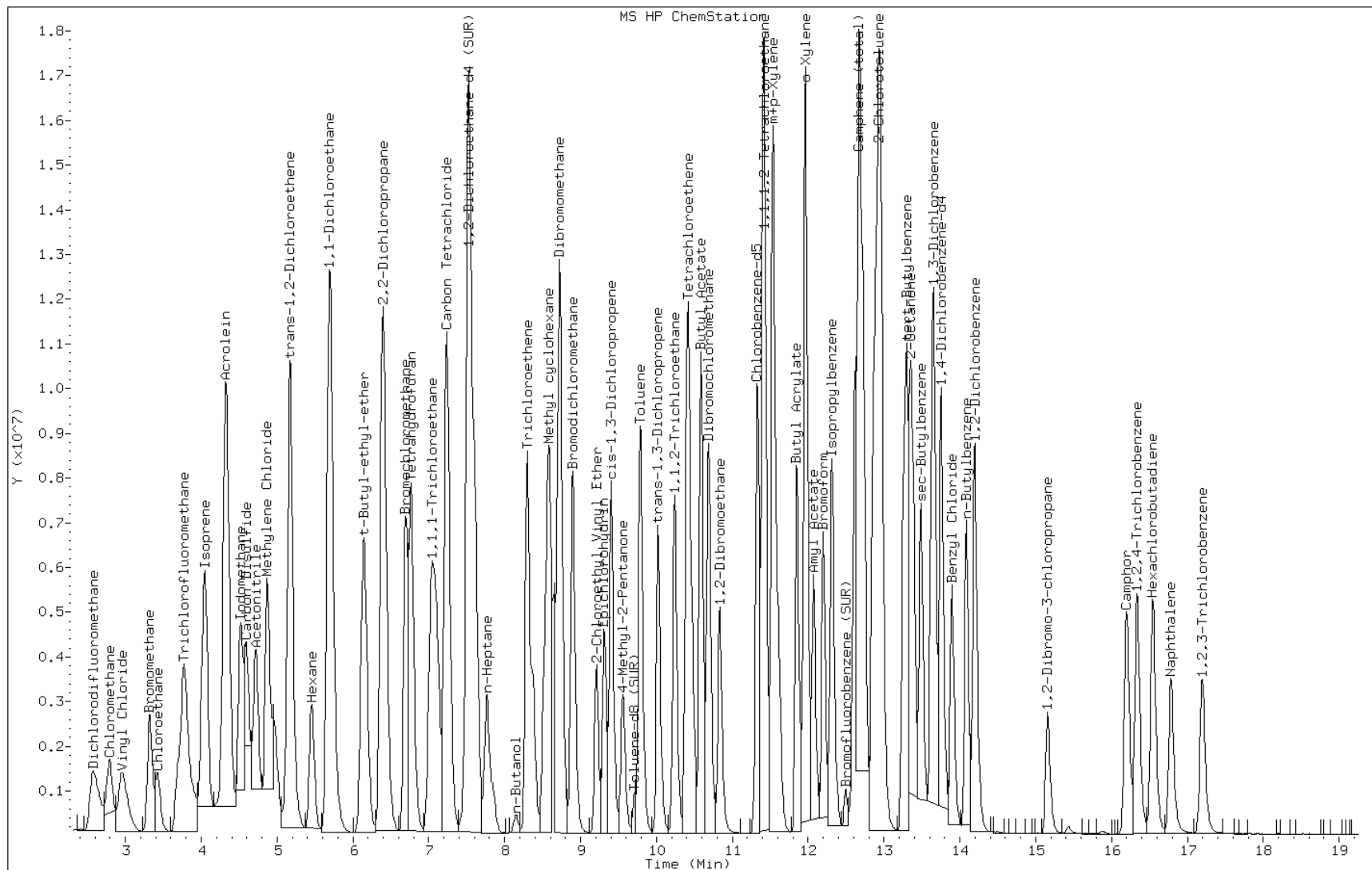
Date: 12-OCT-2011 03:56

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04552.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4852	0.5539	0.1000	19.3	20.0	-3.6	25.0
Chloromethane	Ave	0.3232	0.3107	0.1000	19.2	20.0	-3.9	25.0
Vinyl chloride	Ave	0.3532	0.3649	0.1000	20.7	20.0	3.3	25.0
Bromomethane	Ave	0.3221	0.3206	0.1000	19.9	20.0	-0.4	25.0
Chloroethane	Ave	0.2030	0.1976	0.1000	19.5	20.0	-2.7	25.0
Trichlorofluoromethane	Ave	0.6479	0.7167	0.1000	22.1	20.0	10.6	25.0
Pentane	LinF	0.0298	0.0328*	0.1000	18.1	20.0	-9.4	25.0
Ethyl ether	Ave	0.2244	0.2423	0.1000	21.6	20.0	8.0	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2989	0.1000	20.8	20.0	4.2	25.0
Acrolein	Ave	0.0409	0.0380*	0.1000	37.1	40.0	-7.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.5888	0.1000	21.6	20.0	8.1	25.0
1,1-Dichloroethene	Ave	0.3058	0.3410	0.1000	22.3	20.0	11.5	25.0
Acetone	Ave	0.0192	0.0182*	0.1000	18.9	20.0	-5.4	25.0
Iodomethane	Ave	0.9211	0.9391	0.1000	20.4	20.0	2.0	25.0
Carbon disulfide	Ave	0.9765	0.9721	0.1000	19.9	20.0	-0.5	25.0
Acetonitrile	LinF	0.0030	0.0031*	0.1000	357	400	-10.6	25.0
Methyl acetate	Ave	0.0712	0.0714*	0.1000	20.0	20.0	0.2	25.0
Methylene Chloride	Ave	0.3771	0.4002	0.1000	21.2	20.0	6.1	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0250*	0.1000	426	400	6.4	25.0
Methyl tert-butyl ether	Ave	0.8118	0.8859	0.1000	21.8	20.0	9.1	25.0
Acrylonitrile	Ave	0.0699	0.0795*	0.1000	22.8	20.0	13.8	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3960	0.1000	21.8	20.0	9.2	25.0
Hexane	Ave	0.1103	0.1207	0.1000	21.9	20.0	9.4	25.0
1,1-Dichloroethane	Ave	0.7297	0.7767	0.1000	21.3	20.0	6.4	25.0
Isopropyl ether	Ave	1.489	1.567	0.1000	21.0	20.0	5.2	25.0
Vinyl acetate	LinF	1.005	1.034	0.1000	22.9	20.0	14.3	25.0
Tert-butyl ethyl ether	Ave	1.132	1.235	0.1000	21.8	20.0	9.1	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.4438	0.1000	22.9	20.0	14.4	25.0
2-Butanone (MEK)	Ave	0.0256	0.0307*	0.1000	24.0	20.0	19.9	25.0
2,2-Dichloropropane	Ave	0.5213	0.5952	0.1000	22.8	20.0	14.2	25.0
Ethyl acetate	Ave	0.0391	0.0423*	0.1000	43.3	40.0	8.2	25.0
Chlorobromomethane	Ave	0.2725	0.3019	0.1000	22.2	20.0	10.8	25.0
Tetrahydrofuran	Ave	0.0742	0.0822*	0.1000	22.2	20.0	10.8	25.0
Chloroform	Ave	0.7607	0.8459	0.1000	22.2	20.0	11.2	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.6622	0.1000	22.5	20.0	12.4	25.0
Cyclohexane	Ave	0.3360	0.3823	0.1000	22.8	20.0	13.8	25.0
1,1-Dichloropropene	Ave	0.5153	0.5588	0.1000	21.7	20.0	8.4	25.0
Carbon tetrachloride	Ave	0.5427	0.5949	0.1000	21.9	20.0	9.6	25.0
Benzene	Ave	1.388	1.473	0.1000	21.2	20.0	6.2	25.0
1,2-Dichloroethane	Ave	0.4364	0.4939	0.1000	22.6	20.0	13.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04552.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.9538	1.038	0.1000	21.8	20.0	8.8	25.0
n-Heptane	LinF	0.0794	0.1070	0.1000	19.1	20.0	-4.5	25.0
n-Butanol	Ave	0.0035	0.0035*	0.1000	1490	1500	-0.8	25.0
Trichloroethene	Ave	0.4234	0.4830	0.1000	22.8	20.0	14.1	25.0
Ethyl acrylate	Ave	0.4364	0.4454	0.1000	20.4	20.0	2.1	25.0
Methylcyclohexane	Ave	0.2354	0.2637	0.1000	22.4	20.0	12.0	25.0
1,2-Dichloropropane	Ave	0.4507	0.4906	0.1000	21.8	20.0	8.9	25.0
Methyl methacrylate	Ave	0.0932	0.0982*	0.1000	21.1	20.0	5.3	25.0
n-Propyl acetate	Ave	0.5356	0.5821	0.1000	43.5	40.0	8.7	25.0
Dibromomethane	Ave	0.3813	0.4408	0.1000	23.1	20.0	15.6	25.0
Dichlorobromomethane	Ave	0.7428	0.8268	0.1000	22.3	20.0	11.3	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2493	0.1000	19.6	20.0	-2.2	25.0
Epichlorohydrin	Ave	0.0418	0.0448*	0.1000	429	400	7.2	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.9833	0.1000	23.4	20.0	16.8	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.4897	0.1000	20.8	20.0	4.1	25.0
Toluene	Ave	1.384	1.442	0.1000	20.8	20.0	4.2	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.7762	0.1000	21.8	20.0	8.8	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4777	0.1000	22.2	20.0	10.9	25.0
Tetrachloroethene	Ave	0.4897	0.5494	0.1000	22.4	20.0	12.2	25.0
1,3-Dichloropropane	Ave	0.7777	0.8677	0.1000	22.3	20.0	11.6	25.0
2-Hexanone	Ave	0.2730	0.2914	0.1000	21.3	20.0	6.7	25.0
n-Butyl acetate	Ave	0.1428	0.1546	0.1000	43.3	40.0	8.2	25.0
Chlorodibromomethane	Ave	0.8249	0.9377	0.1000	22.7	20.0	13.7	25.0
1,2-Dibromoethane	Ave	0.6955	0.7784	0.1000	22.4	20.0	11.9	25.0
Chlorobenzene	Ave	0.9861	1.104	0.1000	22.4	20.0	12.0	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.6334	0.1000	22.5	20.0	12.6	25.0
Ethylbenzene	Ave	0.3669	0.4325	0.1000	23.6	20.0	17.9	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5588	0.1000	44.1	40.0	10.2	25.0
n-Butyl acrylate	LinF	0.3775	0.4285	0.1000	18.8	20.0	-5.9	25.0
o-Xylene	Ave	0.4740	0.5495	0.1000	23.2	20.0	15.9	25.0
Styrene	Ave	0.8864	1.007	0.1000	22.7	20.0	13.6	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.409	0.1000	19.9	20.0	-0.6	25.0
Bromoform	Ave	0.5228	0.5726	0.1000	21.9	20.0	9.5	25.0
Isopropylbenzene	Ave	1.133	1.300	0.1000	22.9	20.0	14.7	25.0
Camphene	LinF	0.1086	0.1085	0.1000	19.5	20.0	-2.3	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.855	0.1000	21.9	20.0	9.5	25.0
Bromobenzene	Ave	1.143	1.246	0.1000	21.8	20.0	9.0	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.3233	0.1000	22.1	20.0	10.4	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.4436	0.1000	21.9	20.0	9.4	25.0
N-Propylbenzene	Ave	2.901	3.261	0.1000	22.5	20.0	12.4	25.0
2-Chlorotoluene	Ave	1.781	2.148	0.1000	24.1	20.0	20.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j04552.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.017	2.270	0.1000	22.5	20.0	12.5	25.0
Butyl Methacrylate	Ave	1.542	1.666	0.1000	21.6	20.0	8.0	25.0
4-Chlorotoluene	Ave	2.582	2.895	0.1000	22.4	20.0	12.1	25.0
tert-Butylbenzene	Ave	1.978	2.202	0.1000	22.3	20.0	11.3	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.367	0.1000	22.4	20.0	12.1	25.0
2-Octanone	LinF	1.642	1.835	0.1000	17.3	20.0	-13.6	25.0
sec-Butylbenzene	Ave	2.513	2.877	0.1000	22.9	20.0	14.5	25.0
4-Isopropyltoluene	Ave	1.963	2.216	0.1000	22.6	20.0	12.9	25.0
1,3-Dichlorobenzene	Ave	1.385	1.549	0.1000	22.4	20.0	11.9	25.0
1,4-Dichlorobenzene	Ave	1.795	2.015	0.1000	22.5	20.0	12.3	25.0
Benzyl chloride	Ave	1.597	1.822	0.1000	22.8	20.0	14.1	25.0
n-Butylbenzene	Ave	1.806	2.029	0.1000	22.5	20.0	12.3	25.0
1,2-Dichlorobenzene	Ave	1.514	1.740	0.1000	23.0	20.0	14.9	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.3172	0.1000	20.4	20.0	2.2	25.0
Camphor	Ave	0.1111	0.1198	0.1000	108	100	7.9	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.7019	0.1000	16.5	20.0	-17.4	25.0
Hexachlorobutadiene	Ave	0.6424	0.7698	0.1000	24.0	20.0	19.8	25.0
Naphthalene	LinF	0.9482	1.042	0.1000	15.0	20.0	-24.9	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.5783	0.1000	19.6	20.0	-2.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.3246	0.1000	49.9	50.0	-0.1	25.0
Toluene-d8 (Surr)	Ave	1.009	1.006	0.1000	49.9	50.0	-0.3	25.0
4-Bromofluorobenzene	Ave	1.023	1.011	0.1000	49.5	50.0	-1.1	25.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Report Date: 13-Oct-2011 04:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Lab Smp Id: CCVIS
 Inj Date : 13-OCT-2011 04:24
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 04:41 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.577	2.577	(0.327)	337092	20.0000	19
3 Chloromethane	50		2.751	2.751	(0.349)	189089	20.0000	19
4 Vinyl Chloride	62		2.933	2.933	(0.372)	222062	20.0000	21
6 Bromomethane	94		3.315	3.315	(0.421)	195136	20.0000	20
5 Chloroethane	64		3.433	3.433	(0.436)	120231	20.0000	19
7 Trichlorofluoromethane	101		3.735	3.735	(0.474)	436189	20.0000	22
8 n-Pentane	72		3.799	3.799	(0.482)	19930	20.0000	18
10 Isoprene	67		4.071	4.071	(0.517)	181898	20.0000	21
11 Ethyl Ether	59		4.035	4.035	(0.512)	147443	20.0000	22
13 Acrolein	56		4.217	4.217	(0.535)	46254	40.0000	37
15 1,1-Dichloroethene	96		4.336	4.336	(0.550)	207555	20.0000	22
14 Freon TF	101		4.336	4.336	(0.550)	358333	20.0000	22
16 Acetone	58		4.391	4.391	(0.557)	11075	20.0000	19
17 Iodomethane	142		4.538	4.538	(0.576)	571539	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
Report Date: 13-Oct-2011 04:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.620	4.620	(0.586)	591606	20.0000	20
21 Acetonitrile	39	4.729	4.729	(0.600)	37359	400.000	360
27 Methyl Acetate	74	4.748	4.748	(0.602)	43434	20.0000	20
22 Methylene Chloride	84	4.893	4.893	(0.621)	243567	20.0000	21
24 TBA	59	4.993	4.993	(0.634)	304065	400.000	420
25 trans-1,2-Dichloroethene	96	5.202	5.202	(0.660)	241022	20.0000	22
26 Acrylonitrile	53	5.193	5.193	(0.659)	48402	20.0000	23
28 MTBE	73	5.184	5.184	(0.658)	539167	20.0000	22
29 Hexane	56	5.480	5.480	(0.695)	73433	20.0000	22
30 1,1-Dichloroethane	63	5.699	5.699	(0.723)	472680	20.0000	21
31 Vinyl Acetate	43	5.726	5.726	(0.727)	629493	20.0000	23
32 DIPE	45	5.726	5.726	(0.727)	953447	20.0000	21
35 t-Butyl-ethyl-ether	59	6.165	6.165	(0.782)	751608	20.0000	22
37 2,2-Dichloropropane	77	6.426	6.426	(0.815)	362228	20.0000	23
36 cis-1,2-Dichloroethene	96	6.409	6.409	(0.813)	270083	20.0000	23
38 2-Butanone	72	6.418	6.418	(0.814)	18651	20.0000	24
39 Ethyl Acetate	70	6.444	6.444	(0.818)	51499	40.0000	43
40 Bromochloromethane	128	6.725	6.725	(0.853)	183707	20.0000	22
41 Tetrahydrofuran	42	6.780	6.780	(0.860)	50055	20.0000	22
42 Chloroform	83	6.797	6.797	(0.862)	514829	20.0000	22
43 1,1,1-Trichloroethane	97	7.062	7.062	(0.896)	403026	20.0000	22
44 Cyclohexane	56	7.125	7.125	(0.904)	232700	20.0000	23
45 Carbon Tetrachloride	117	7.268	7.268	(0.922)	362063	20.0000	22
46 1,1-Dichloropropene	75	7.259	7.259	(0.921)	340065	20.0000	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.466	7.466	(0.947)	493991	50.0000	50
48 Benzene	78	7.539	7.539	(0.666)	664070	20.0000	21
49 1,2-Dichloroethane	62	7.565	7.565	(0.960)	300616	20.0000	23
51 n-Heptane	57	7.798	7.798	(0.990)	65090	20.0000	19
50 t-Amyl-methyl-ether	73	7.634	7.634	(0.969)	631448	20.0000	22
* 52 Fluorobenzene	96	7.881	7.881	(1.000)	1521532	50.0000	
54 Trichloroethene	95	8.324	8.324	(1.056)	293947	20.0000	23
53 n-Butanol	43	8.169	8.169	(1.037)	157323	1500.00	1500
56 Methyl cyclohexane	83	8.551	8.551	(1.085)	160493	20.0000	22
55 Ethyl Acrylate	55	8.395	8.395	(1.065)	271075	20.0000	20
57 1,2-Dichloropropane	63	8.606	8.606	(1.092)	298607	20.0000	22
58 Dibromomethane	93	8.762	8.762	(1.112)	268297	20.0000	23
59 Methyl Methacrylate	100	8.688	8.688	(1.102)	59775	20.0000	21
75 Propyl Acetate	43	8.743	8.743	(1.109)	708509	40.0000	43
68 Bromodichloromethane	83	8.917	8.917	(1.132)	503207	20.0000	22
62 2-Chloroethyl Vinyl Ether	63	9.238	9.238	(1.172)	151710	20.0000	20
63 Epichlorohydrin	57	9.338	9.338	(0.825)	403682	400.000	430
67 cis-1,3-Dichloropropene	75	9.430	9.430	(0.833)	443270	20.0000	23
70 4-Methyl-2-Pentanone	43	9.583	9.583	(0.846)	220739	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	9.734	9.734	(0.860)	1134306	50.0000	50
66 Toluene	91	9.817	9.817	(0.867)	650110	20.0000	21
64 trans-1,3-Dichloropropene	75	10.046	10.046	(0.887)	349894	20.0000	22
69 1,1,2-Trichloroethane	83	10.266	10.266	(0.907)	215330	20.0000	22

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Report Date: 13-Oct-2011 04:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.421	10.421	(0.920)	247678	20.0000	22
72 1,3-Dichloropropane	76	10.458	10.458	(0.924)	391152	20.0000	22
73 2-Hexanone	43	10.503	10.503	(0.928)	131347	20.0000	21
74 Dibromochloromethane	129	10.714	10.714	(0.946)	422706	20.0000	23
76 Butyl Acetate	73	10.613	10.613	(0.937)	139349	40.0000	43
77 1,2-Dibromoethane	107	10.859	10.859	(0.959)	350915	20.0000	22
* 78 Chlorobenzene-d5	117	11.324	11.324	(1.000)	1126985	50.0000	
79 Chlorobenzene	112	11.360	11.360	(1.003)	497876	20.0000	22
80 1,1,1,2-Tetrachloroethane	131	11.432	11.432	(1.010)	285530	20.0000	22
81 Ethylbenzene	106	11.450	11.450	(1.011)	194971	20.0000	24
82 m+p-Xylene	106	11.561	11.561	(1.021)	503820	40.0000	44
84 o-Xylene	106	11.984	11.984	(1.058)	247692	20.0000	23
85 Styrene	104	11.993	11.993	(1.059)	453760	20.0000	23
83 Butyl Acrylate	73	11.878	11.878	(1.049)	193164	20.0000	19
86 Bromoform	173	12.229	12.229	(1.080)	258104	20.0000	22
87 Amyl Acetate	43	12.094	12.094	(0.879)	278992	20.0000	20
88 Isopropylbenzene	105	12.339	12.339	(1.090)	586224	20.0000	23
\$ 89 Bromofluorobenzene (SUR)	174	12.521	12.521	(0.910)	500760	50.0000	49
90 Camphene (total)	41	12.631	12.631	(1.115)	48921	20.0000	20
91 Bromobenzene	156	12.703	12.703	(0.923)	246674	20.0000	22
92 1,1,2,2-Tetrachloroethane	83	12.649	12.649	(0.919)	367352	20.0000	22
93 1,2,3-Trichloropropane	110	12.722	12.722	(0.925)	87849	20.0000	22
94 trans-1,4-Dichloro-2-butene	53	12.703	12.703	(0.923)	64025	20.0000	22
95 n-Propylbenzene	91	12.758	12.758	(0.927)	645859	20.0000	22
96 2-Chlorotoluene	91	12.885	12.885	(0.936)	425417	20.0000	24
97 1,3,5-Trimethylbenzene	105	12.931	12.931	(0.940)	449493	20.0000	22
98 4-Chlorotoluene	91	12.986	12.986	(0.944)	573286	20.0000	22
99 Butyl Methacrylate	87	12.959	12.959	(0.942)	329934	20.0000	22
100 tert-Butylbenzene	119	13.285	13.285	(0.965)	436111	20.0000	22
101 1,2,4-Trimethylbenzene	105	13.330	13.330	(0.969)	468702	20.0000	22
102 2-Octanone	43	13.385	13.385	(0.973)	363369	20.0000	17
103 sec-Butylbenzene	105	13.522	13.522	(0.983)	569810	20.0000	23
105 1,3-Dichlorobenzene	146	13.695	13.695	(0.995)	306830	20.0000	22
107 p-Isopropyltoluene	119	13.658	13.658	(0.993)	438929	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	13.759	13.759	(1.000)	495090	50.0000	
109 1,4-Dichlorobenzene	146	13.787	13.787	(1.002)	399096	20.0000	22
110 Benzyl Chloride	91	13.931	13.931	(1.012)	360757	20.0000	23
106 n-Butylbenzene	91	14.121	14.121	(1.026)	401776	20.0000	22
111 1,2-Dichlorobenzene	146	14.236	14.236	(1.035)	344657	20.0000	23
112 1,2-Dibromo-3-chloropropane	75	15.200	15.200	(1.105)	62820	20.0000	20
113 Camphor	95	16.253	16.253	(1.181)	118665	100.000	110
114 1,2,4-Trichlorobenzene	180	16.390	16.390	(1.191)	139009	20.0000	16
115 Hexachlorobutadiene	225	16.600	16.600	(1.206)	152446	20.0000	24
116 Naphthalene	128	16.837	16.837	(1.224)	206307	20.0000	15
117 1,2,3-Trichlorobenzene	180	17.268	17.268	(1.255)	114533	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				511105	40.0000	45
M 121 Xylene (Total)	100				751512	60.0000	67

Data File: j04552.d

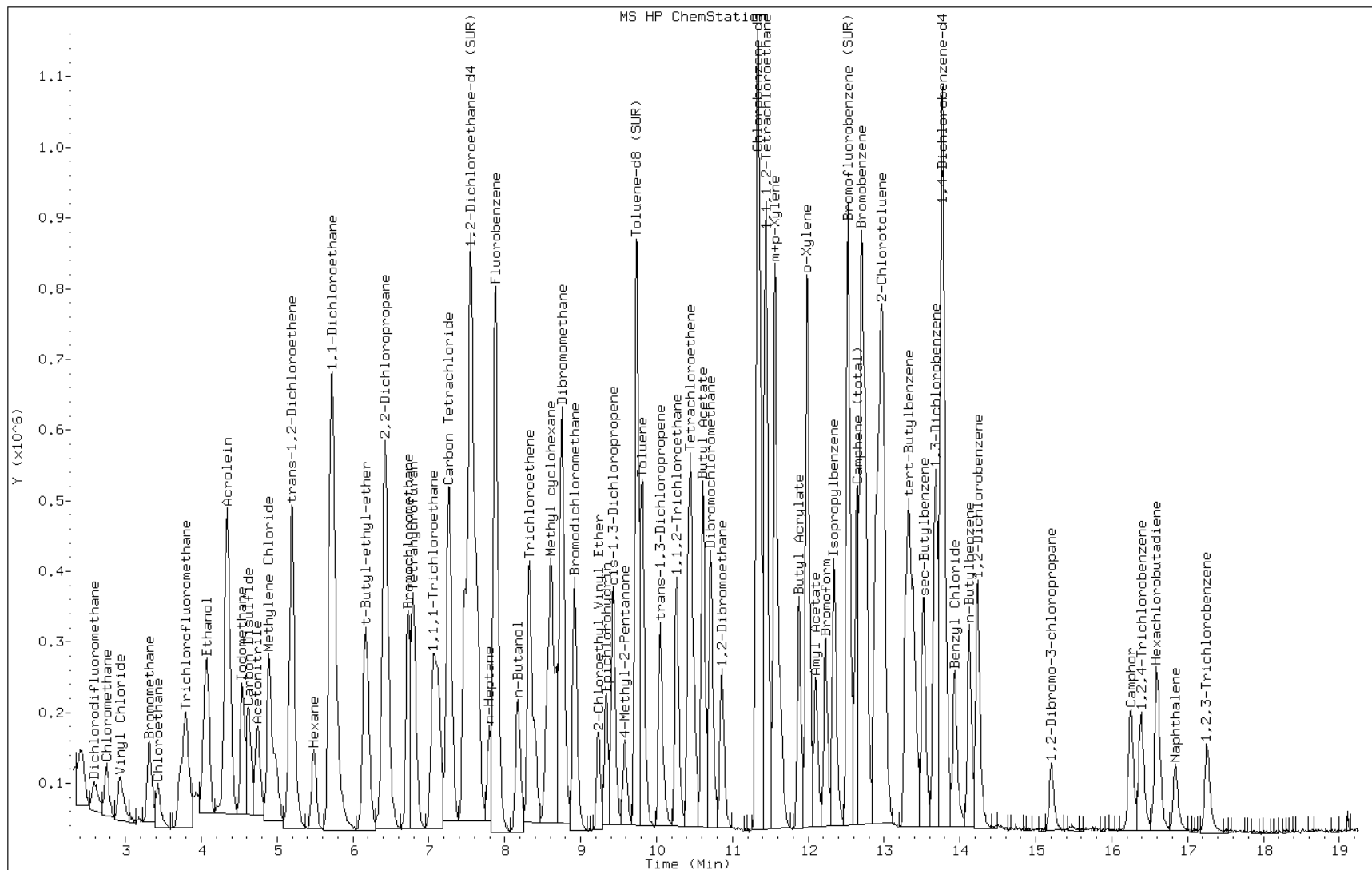
Date: 13-OCT-2011 04:24

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04579.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4852	0.4612	0.1000	16.1	20.0	-19.7	25.0
Chloromethane	Ave	0.3232	0.2837	0.1000	17.6	20.0	-12.2	25.0
Vinyl chloride	Ave	0.3532	0.3067	0.1000	17.4	20.0	-13.2	25.0
Bromomethane	Ave	0.3221	0.2770	0.1000	17.2	20.0	-14.0	25.0
Chloroethane	Ave	0.2030	0.1665	0.1000	16.4	20.0	-18.0	25.0
Trichlorofluoromethane	Ave	0.6479	0.6095	0.1000	18.8	20.0	-5.9	25.0
Pentane	LinF	0.0298	0.0276*	0.1000	15.2	20.0	-23.8	25.0
Ethyl ether	Ave	0.2244	0.2329	0.1000	20.8	20.0	3.8	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2618	0.1000	18.3	20.0	-8.7	25.0
Acrolein	Ave	0.0409	0.0377*	0.1000	36.9	40.0	-7.8	25.0
1,1-Dichloroethene	Ave	0.3058	0.2930	0.1000	19.2	20.0	-4.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.4802	0.1000	17.6	20.0	-11.8	25.0
Acetone	Ave	0.0192	0.0203*	0.1000	21.1	20.0	5.5	25.0
Iodomethane	Ave	0.9211	0.8859	0.1000	19.2	20.0	-3.8	25.0
Carbon disulfide	Ave	0.9765	0.8659	0.1000	17.7	20.0	-11.3	25.0
Acetonitrile	LinF	0.0030	0.0030*	0.1000	348	400	-13.1	25.0
Methyl acetate	Ave	0.0712	0.0710*	0.1000	19.9	20.0	-0.3	25.0
Methylene Chloride	Ave	0.3771	0.3640	0.1000	19.3	20.0	-3.5	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0240*	0.1000	409	400	2.2	25.0
Acrylonitrile	Ave	0.0699	0.0690*	0.1000	19.8	20.0	-1.2	25.0
Methyl tert-butyl ether	Ave	0.8118	0.8360	0.1000	20.6	20.0	3.0	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3717	0.1000	20.5	20.0	2.5	25.0
Hexane	Ave	0.1103	0.0894*	0.1000	16.2	20.0	-19.0	25.0
1,1-Dichloroethane	Ave	0.7297	0.7019	0.1000	19.2	20.0	-3.8	25.0
Isopropyl ether	Ave	1.489	1.490	0.1000	20.0	20.0	0.0	25.0
Vinyl acetate	LinF	1.005	0.9419	0.1000	20.8	20.0	4.1	25.0
Tert-butyl ethyl ether	Ave	1.132	1.192	0.1000	21.1	20.0	5.3	25.0
2-Butanone (MEK)	Ave	0.0256	0.0296*	0.1000	23.1	20.0	15.7	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.4065	0.1000	21.0	20.0	4.8	25.0
2,2-Dichloropropane	Ave	0.5213	0.5200	0.1000	20.0	20.0	-0.2	25.0
Ethyl acetate	Ave	0.0391	0.0390*	0.1000	39.9	40.0	-0.3	25.0
Chlorobromomethane	Ave	0.2725	0.2644	0.1000	19.4	20.0	-2.9	25.0
Tetrahydrofuran	Ave	0.0742	0.0808*	0.1000	21.8	20.0	8.9	25.0
Chloroform	Ave	0.7607	0.7598	0.1000	20.0	20.0	-0.1	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.5986	0.1000	20.3	20.0	1.6	25.0
Cyclohexane	Ave	0.3360	0.3165	0.1000	18.8	20.0	-5.8	25.0
1,1-Dichloropropene	Ave	0.5153	0.4964	0.1000	19.3	20.0	-3.7	25.0
Carbon tetrachloride	Ave	0.5427	0.5315	0.1000	19.6	20.0	-2.1	25.0
1,2-Dichloroethane	Ave	0.4364	0.4372	0.1000	20.0	20.0	0.2	25.0
Benzene	Ave	1.388	1.365	0.1000	19.7	20.0	-1.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04579.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.9538	0.9842	0.1000	20.6	20.0	3.2	25.0
n-Heptane	LinF	0.0794	0.0757*	0.1000	13.5	20.0	-32.4*	25.0
n-Butanol	Ave	0.0035	0.0033*	0.1000	1410	1500	-5.9	25.0
Trichloroethene	Ave	0.4234	0.4343	0.1000	20.5	20.0	2.6	25.0
Ethyl acrylate	Ave	0.4364	0.4543	0.1000	20.8	20.0	4.1	25.0
Methylcyclohexane	Ave	0.2354	0.2157	0.1000	18.3	20.0	-8.4	25.0
1,2-Dichloropropane	Ave	0.4507	0.4522	0.1000	20.1	20.0	0.3	25.0
Methyl methacrylate	Ave	0.0932	0.0973*	0.1000	20.9	20.0	4.4	25.0
n-Propyl acetate	Ave	0.5356	0.5782	0.1000	43.2	40.0	8.0	25.0
Dibromomethane	Ave	0.3813	0.4016	0.1000	21.1	20.0	5.3	25.0
Dichlorobromomethane	Ave	0.7428	0.7536	0.1000	20.3	20.0	1.5	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2401	0.1000	18.8	20.0	-5.8	25.0
Epichlorohydrin	Ave	0.0418	0.0448*	0.1000	429	400	7.3	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.8728	0.1000	20.7	20.0	3.7	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.5000	0.1000	21.3	20.0	6.3	25.0
Toluene	Ave	1.384	1.356	0.1000	19.6	20.0	-2.0	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.7344	0.1000	20.6	20.0	2.9	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4558	0.1000	21.2	20.0	5.9	25.0
Tetrachloroethene	Ave	0.4897	0.5176	0.1000	21.1	20.0	5.7	25.0
1,3-Dichloropropane	Ave	0.7777	0.8005	0.1000	20.6	20.0	2.9	25.0
2-Hexanone	Ave	0.2730	0.2825	0.1000	20.7	20.0	3.5	25.0
n-Butyl acetate	Ave	0.1428	0.1555	0.1000	43.5	40.0	8.9	25.0
Chlorodibromomethane	Ave	0.8249	0.8599	0.1000	20.8	20.0	4.2	25.0
1,2-Dibromoethane	Ave	0.6955	0.7282	0.1000	20.9	20.0	4.7	25.0
Chlorobenzene	Ave	0.9861	1.011	0.1000	20.5	20.0	2.5	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.5862	0.1000	20.8	20.0	4.2	25.0
Ethylbenzene	Ave	0.3669	0.3792	0.1000	20.7	20.0	3.4	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5218	0.1000	41.2	40.0	2.9	25.0
n-Butyl acrylate	LinF	0.3775	0.4109	0.1000	18.0	20.0	-9.8	25.0
o-Xylene	Ave	0.4740	0.5117	0.1000	21.6	20.0	8.0	25.0
Styrene	Ave	0.8864	0.9211	0.1000	20.8	20.0	3.9	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.392	0.1000	19.6	20.0	-1.8	25.0
Bromoform	Ave	0.5228	0.5618	0.1000	21.5	20.0	7.5	25.0
Isopropylbenzene	Ave	1.133	1.174	0.1000	20.7	20.0	3.6	25.0
Camphene	LinF	0.1086	0.0773*	0.1000	13.9	20.0	-30.4*	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.685	0.1000	19.9	20.0	-0.5	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.4354	0.1000	21.5	20.0	7.4	25.0
Bromobenzene	Ave	1.143	1.151	0.1000	20.1	20.0	0.7	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.3134	0.1000	21.4	20.0	7.0	25.0
N-Propylbenzene	Ave	2.901	2.972	0.1000	20.5	20.0	2.5	25.0
2-Chlorotoluene	Ave	1.781	2.228	0.1000	25.0	20.0	25.1*	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j04579.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.017	2.028	0.1000	20.1	20.0	0.5	25.0
Butyl Methacrylate	Ave	1.542	1.696	0.1000	22.0	20.0	10.0	25.0
4-Chlorotoluene	Ave	2.582	2.574	0.1000	19.9	20.0	-0.3	25.0
tert-Butylbenzene	Ave	1.978	1.969	0.1000	19.9	20.0	-0.4	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.088	0.1000	19.8	20.0	-1.1	25.0
2-Octanone	LinF	1.642	1.666	0.1000	15.7	20.0	-21.6	25.0
sec-Butylbenzene	Ave	2.513	2.390	0.1000	19.0	20.0	-4.9	25.0
4-Isopropyltoluene	Ave	1.963	1.940	0.1000	19.8	20.0	-1.2	25.0
1,3-Dichlorobenzene	Ave	1.385	1.414	0.1000	20.4	20.0	2.1	25.0
1,4-Dichlorobenzene	Ave	1.795	1.820	0.1000	20.3	20.0	1.4	25.0
Benzyl chloride	Ave	1.597	1.602	0.1000	20.1	20.0	0.3	25.0
n-Butylbenzene	Ave	1.806	1.770	0.1000	19.6	20.0	-2.0	25.0
1,2-Dichlorobenzene	Ave	1.514	1.642	0.1000	21.7	20.0	8.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.3001	0.1000	19.3	20.0	-3.3	25.0
Camphor	Ave	0.1111	0.1182	0.1000	106	100	6.5	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.6175	0.1000	14.5	20.0	-27.3*	25.0
Hexachlorobutadiene	Ave	0.6424	0.6813	0.1000	21.2	20.0	6.0	25.0
Naphthalene	LinF	0.9482	0.9173	0.1000	13.2	20.0	-33.9*	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.4536	0.1000	15.3	20.0	-23.3	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.3180	0.1000	48.9	50.0	-2.2	25.0
Toluene-d8 (Surr)	Ave	1.009	0.995	0.1000	49.3	50.0	-1.4	25.0
4-Bromofluorobenzene	Ave	1.023	1.005	0.1000	49.1	50.0	-1.8	25.0

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dema.b/j04579.d
Lab Smp Id: CCV
Inj Date : 13-OCT-2011 15:41
Operator : Inst ID: VOAMS8.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dema.b/8260DE_09.m
Meth Date : 14-Oct-2011 03:26 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 15:41 Cal File: j04579.d
Als bottle: 29 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.612	2.612	(0.330)	290947	20.0000	16
3 Chloromethane	50		2.774	2.774	(0.351)	178982	20.0000	18
4 Vinyl Chloride	62		2.954	2.954	(0.374)	193485	20.0000	17
6 Bromomethane	94		3.341	3.341	(0.423)	174748	20.0000	17
5 Chloroethane	64		3.442	3.442	(0.436)	105062	20.0000	16
7 Trichlorofluoromethane	101		3.762	3.762	(0.476)	384491	20.0000	19
8 n-Pentane	72		3.808	3.808	(0.482)	17384	20.0000	15
10 Isoprene	67		4.106	4.106	(0.520)	165171	20.0000	18
11 Ethyl Ether	59		4.060	4.060	(0.514)	146948	20.0000	21
13 Acrolein	56		4.242	4.242	(0.537)	47605	40.0000	37
15 1,1-Dichloroethene	96		4.361	4.361	(0.552)	184858	20.0000	19
14 Freon TF	101		4.370	4.370	(0.553)	302940	20.0000	18
16 Acetone	58		4.425	4.425	(0.560)	12802	20.0000	21
17 Iodomethane	142		4.569	4.569	(0.578)	558924	20.0000	19

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.651	4.651	(0.589)	546278	20.0000	18
21 Acetonitrile	39	4.770	4.770	(0.604)	37659	400.000	350
27 Methyl Acetate	74	4.788	4.788	(0.606)	44796	20.0000	20
22 Methylene Chloride	84	4.916	4.916	(0.622)	229658	20.0000	19
24 TBA	59	5.017	5.017	(0.635)	302740	400.000	410
25 trans-1,2-Dichloroethene	96	5.235	5.235	(0.662)	234479	20.0000	20
26 Acrylonitrile	53	5.208	5.208	(0.659)	43551	20.0000	20
28 MTBE	73	5.217	5.217	(0.660)	527419	20.0000	20
29 Hexane	56	5.507	5.507	(0.697)	56374	20.0000	16
30 1,1-Dichloroethane	63	5.744	5.744	(0.727)	442792	20.0000	19
31 Vinyl Acetate	43	5.753	5.753	(0.728)	594229	20.0000	21
32 DIPE	45	5.753	5.753	(0.728)	939857	20.0000	20
35 t-Butyl-ethyl-ether	59	6.200	6.200	(0.785)	752092	20.0000	21
37 2,2-Dichloropropane	77	6.452	6.452	(0.816)	328080	20.0000	20
36 cis-1,2-Dichloroethene	96	6.443	6.443	(0.815)	256446	20.0000	21
38 2-Butanone	72	6.443	6.443	(0.815)	18660	20.0000	23
39 Ethyl Acetate	70	6.460	6.460	(0.818)	49193	40.0000	40
40 Bromochloromethane	128	6.753	6.753	(0.855)	166832	20.0000	19
41 Tetrahydrofuran	42	6.798	6.798	(0.860)	50999	20.0000	22
42 Chloroform	83	6.826	6.826	(0.864)	479366	20.0000	20
43 1,1,1-Trichloroethane	97	7.099	7.099	(0.898)	377673	20.0000	20
44 Cyclohexane	56	7.163	7.163	(0.906)	199681	20.0000	19
45 Carbon Tetrachloride	117	7.300	7.300	(0.924)	335289	20.0000	20
46 1,1-Dichloropropene	75	7.291	7.291	(0.923)	313173	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.501	7.501	(0.949)	501550	50.0000	49
48 Benzene	78	7.583	7.583	(0.668)	626840	20.0000	20
49 1,2-Dichloroethane	62	7.583	7.583	(0.960)	275833	20.0000	20
51 n-Heptane	57	7.810	7.810	(0.988)	47746	20.0000	14
50 t-Amyl-methyl-ether	73	7.666	7.666	(0.970)	620925	20.0000	21
* 52 Fluorobenzene	96	7.902	7.902	(1.000)	1577209	50.0000	
54 Trichloroethene	95	8.347	8.347	(1.056)	274004	20.0000	20
53 n-Butanol	43	8.201	8.201	(1.038)	154702	1500.00	1400
56 Methyl cyclohexane	83	8.585	8.585	(1.086)	136053	20.0000	18
55 Ethyl Acrylate	55	8.430	8.430	(1.067)	286636	20.0000	21
57 1,2-Dichloropropane	63	8.640	8.640	(1.093)	285294	20.0000	20
58 Dibromomethane	93	8.787	8.787	(1.112)	253372	20.0000	21
59 Methyl Methacrylate	100	8.704	8.704	(1.102)	61403	20.0000	21
75 Propyl Acetate	43	8.768	8.768	(1.110)	729520	40.0000	43
68 Bromodichloromethane	83	8.950	8.950	(1.133)	475428	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.248	9.248	(1.170)	151467	20.0000	19
63 Epichlorohydrin	57	9.358	9.358	(0.824)	411278	400.000	430
67 cis-1,3-Dichloropropene	75	9.456	9.456	(0.833)	400695	20.0000	21
70 4-Methyl-2-Pentanone	43	9.611	9.611	(0.846)	229558	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	9.767	9.767	(0.860)	1142225	50.0000	49
66 Toluene	91	9.831	9.831	(0.866)	622630	20.0000	20
64 trans-1,3-Dichloropropene	75	10.076	10.076	(0.887)	337143	20.0000	20
69 1,1,2-Trichloroethane	83	10.284	10.284	(0.906)	209260	20.0000	21

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.447	10.447	(0.920)	237635	20.0000	21
72 1,3-Dichloropropane	76	10.483	10.483	(0.923)	367479	20.0000	20
73 2-Hexanone	43	10.538	10.538	(0.928)	129668	20.0000	21
74 Dibromochloromethane	129	10.737	10.737	(0.945)	394771	20.0000	21
76 Butyl Acetate	73	10.637	10.637	(0.937)	142757	40.0000	44
77 1,2-Dibromoethane	107	10.882	10.882	(0.958)	334316	20.0000	21
* 78 Chlorobenzene-d5	117	11.357	11.357	(1.000)	1147714	50.0000	
79 Chlorobenzene	112	11.385	11.385	(1.002)	463938	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.458	11.458	(1.009)	269131	20.0000	21
81 Ethylbenzene	106	11.467	11.467	(1.010)	174100	20.0000	21
82 m+p-Xylene	106	11.586	11.586	(1.020)	479066	40.0000	41
84 o-Xylene	106	12.002	12.002	(1.057)	234922	20.0000	22
85 Styrene	104	12.020	12.020	(1.058)	422873	20.0000	21
83 Butyl Acrylate	73	11.894	11.894	(1.047)	188658	20.0000	18
86 Bromoform	173	12.249	12.249	(1.078)	257929	20.0000	21
87 Amyl Acetate	43	12.120	12.120	(0.879)	281359	20.0000	20
88 Isopropylbenzene	105	12.368	12.368	(1.089)	539006	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	12.551	12.551	(0.910)	507770	50.0000	49
90 Camphene (total)	41	12.659	12.659	(1.115)	35491	20.0000	14
91 Bromobenzene	156	12.733	12.733	(0.924)	232615	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.677	12.677	(0.920)	340714	20.0000	20
93 1,2,3-Trichloropropane	110	12.733	12.733	(0.924)	88019	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	12.733	12.733	(0.924)	63357	20.0000	21
95 n-Propylbenzene	91	12.785	12.785	(0.927)	600856	20.0000	20
96 2-Chlorotoluene	91	12.911	12.911	(0.936)	450363	20.0000	25
97 1,3,5-Trimethylbenzene	105	12.948	12.948	(0.939)	410068	20.0000	20
98 4-Chlorotoluene	91	13.018	13.018	(0.944)	520284	20.0000	20
99 Butyl Methacrylate	87	12.983	12.983	(0.942)	342804	20.0000	22
100 tert-Butylbenzene	119	13.320	13.320	(0.966)	398153	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.356	13.356	(0.969)	422108	20.0000	20
102 2-Octanone	43	13.411	13.411	(0.973)	336837	20.0000	16
103 sec-Butylbenzene	105	13.539	13.539	(0.982)	483156	20.0000	19
105 1,3-Dichlorobenzene	146	13.714	13.714	(0.995)	285881	20.0000	20
107 p-Isopropyltoluene	119	13.686	13.686	(0.993)	392114	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.787	13.787	(1.000)	505425	50.0000	
109 1,4-Dichlorobenzene	146	13.815	13.815	(1.002)	367918	20.0000	20
110 Benzyl Chloride	91	13.961	13.961	(1.013)	323836	20.0000	20
106 n-Butylbenzene	91	14.144	14.144	(1.026)	357805	20.0000	20
111 1,2-Dichlorobenzene	146	14.261	14.261	(1.034)	331899	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	15.230	15.230	(1.105)	60664	20.0000	19
113 Camphor	95	16.283	16.283	(1.181)	119514	100.000	110
114 1,2,4-Trichlorobenzene	180	16.430	16.430	(1.192)	124841	20.0000	14
115 Hexachlorobutadiene	225	16.641	16.641	(1.207)	137728	20.0000	21
116 Naphthalene	128	16.870	16.870	(1.224)	185442	20.0000	13
117 1,2,3-Trichlorobenzene	180	17.288	17.288	(1.254)	91694	20.0000	15
M 120 1,2-Dichloroethene (Total)	100				490926	40.0000	41
M 121 Xylene (Total)	100				713989	60.0000	63

Data File: j04579.d

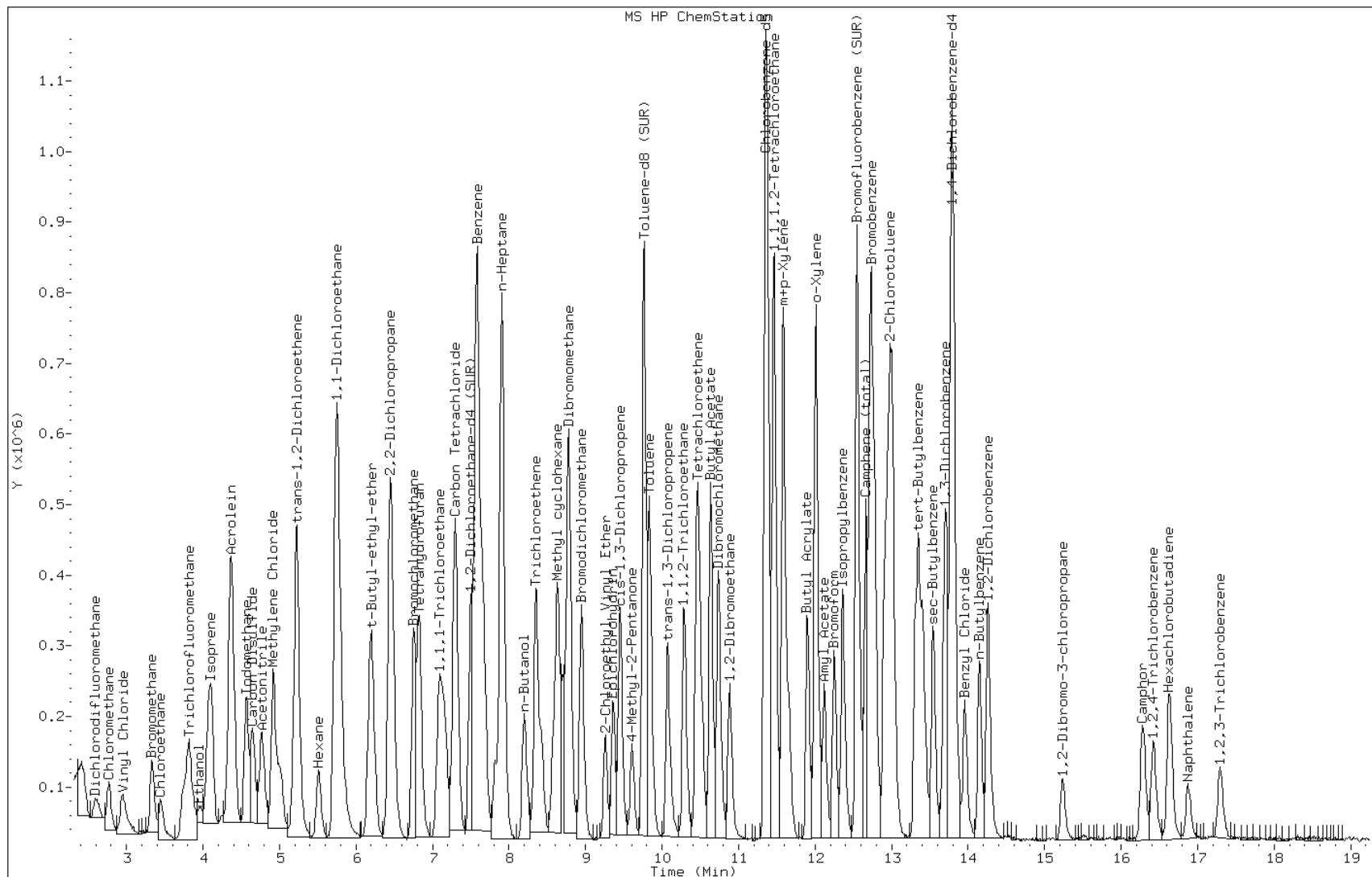
Date: 13-OCT-2011 15:41

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
 Lab Smp Id: BFB
 Inj Date : 12-OCT-2011 01:08
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
6.951	7.025 (0.000)	95	58936			0.00- 100.00	100.00
6.951	7.025 (0.000)	50	11702			15.00- 40.00	19.86
6.951	7.025 (0.000)	75	26398			30.00- 60.00	44.79
6.951	7.025 (0.000)	96	3375			5.00- 9.00	5.73
6.951	7.025 (0.000)	173	117			0.00- 2.00	0.31
6.951	7.025 (0.000)	174	37256			50.00- 100.00	63.21
6.951	7.025 (0.000)	175	2998			5.00- 9.00	8.05
6.951	7.025 (0.000)	176	36792			95.00- 101.00	98.75
6.951	7.025 (0.000)	177	2182			5.00- 9.00	5.93

Data File: j04488.d

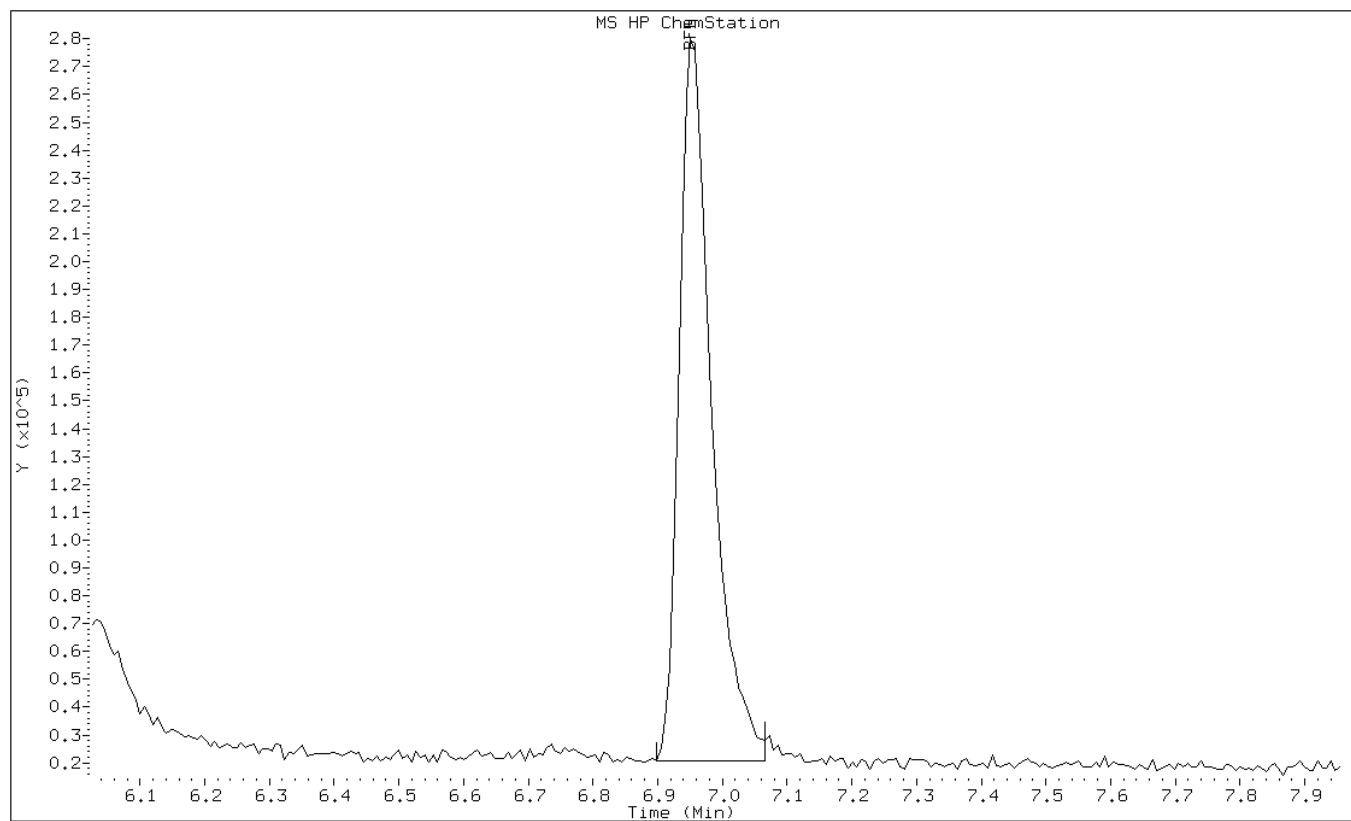
Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04488.d

Date: 12-OCT-2011 01:08

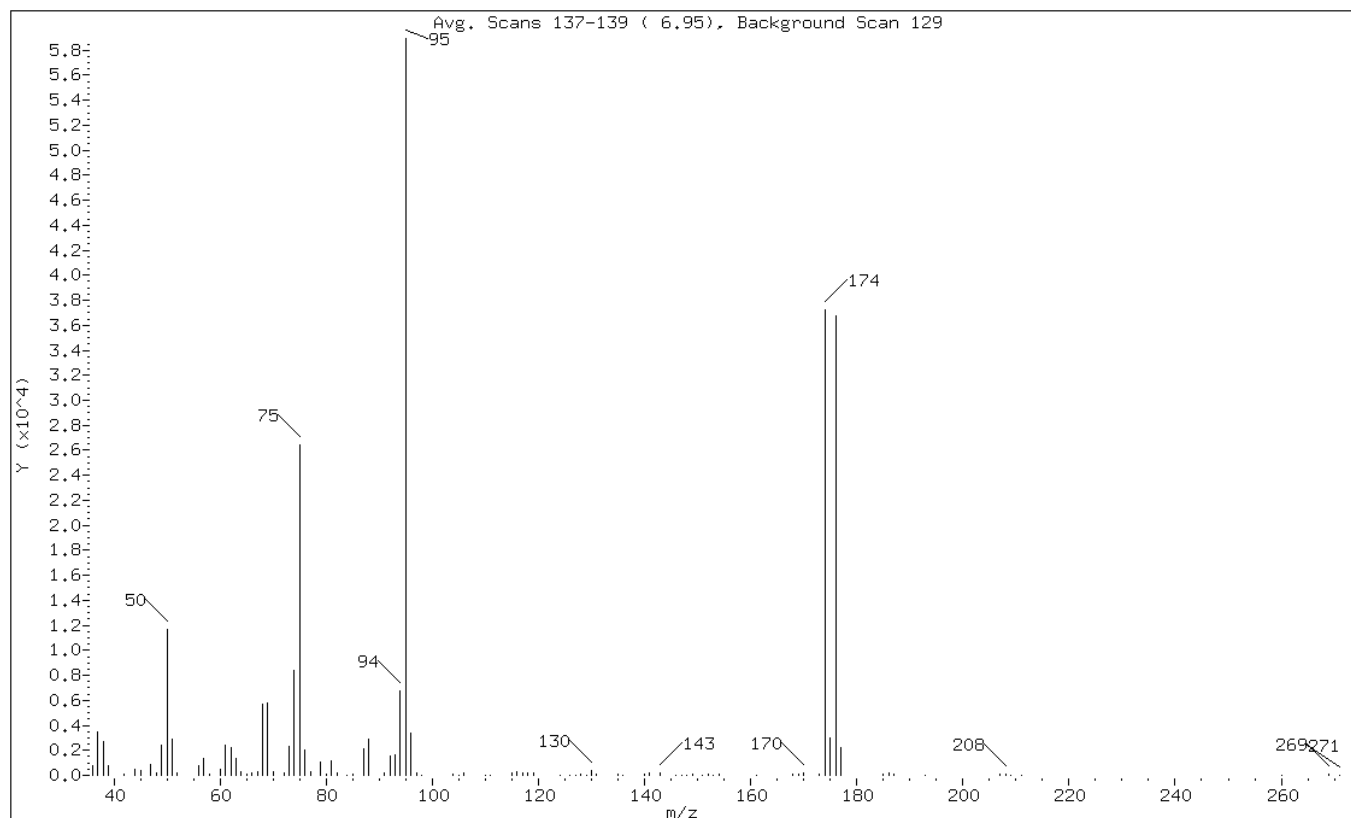
Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.86
75	30.00 - 60.00% of mass 95	44.79
96	5.00 - 9.00% of mass 95	5.73
173	Less than 2.00% of mass 174	0.20 (0.31)
174	50.00 - 100.00% of mass 95	63.21
175	5.00 - 9.00% of mass 174	5.09 (8.05)
176	95.00 - 101.00% of mass 174	62.43 (98.75)
177	5.00 - 9.00% of mass 176	3.70 (5.93)

Data File: j04488.d

Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
Spectrum: Avg. Scans 137-139 (6.95), Background Scan 129
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	757	69.00	5765	105.00	33	151.00	36
37.00	3498	70.00	246	106.00	166	152.00	92
38.00	2664	72.00	203	110.00	36	153.00	46
39.00	765	73.00	2311	111.00	42	154.00	99
42.00	88	74.00	8368	115.00	178	161.00	37
44.00	442	75.00	26392	116.00	244	168.00	87
45.00	372	76.00	2036	117.00	175	169.00	82
47.00	880	77.00	255	118.00	165	170.00	213
48.00	224	79.00	1089	119.00	175	173.00	117
49.00	2364	80.00	139	124.00	36	174.00	37256
50.00	11702	81.00	1139	126.00	34	175.00	2998
51.00	2941	82.00	173	127.00	9	176.00	36792
52.00	173	84.00	40	128.00	99	177.00	2182
56.00	788	85.00	109	129.00	34	185.00	56
57.00	1365	87.00	2078	130.00	381	186.00	168
58.00	77	88.00	2888	131.00	144	187.00	110
60.00	493	91.00	202	135.00	56	193.00	36
61.00	2374	92.00	1547	136.00	33	207.00	49
62.00	2182	93.00	1614	140.00	115	208.00	84
63.00	1358	94.00	6784	141.00	169	209.00	35
64.00	311	95.00	58936	143.00	177	211.00	36
65.00	73	96.00	3375	146.00	34	260.00	36
66.00	167	97.00	178	147.00	43	269.00	69
67.00	253	98.00	33	148.00	46	271.00	42
68.00	5728	104.00	141	149.00	126		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04550.d
 Lab Smp Id: BFB
 Inj Date : 13-OCT-2011 03:29
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
6.973	7.025 (0.000)	95	110168			0.00- 100.00	100.00
6.973	7.025 (0.000)	50	22032			15.00- 40.00	20.00
6.973	7.025 (0.000)	75	48792			30.00- 60.00	44.29
6.973	7.025 (0.000)	96	6785			5.00- 9.00	6.16
6.973	7.025 (0.000)	173	229			0.00- 2.00	0.33
6.973	7.025 (0.000)	174	69904			50.00- 100.00	63.45
6.973	7.025 (0.000)	175	4992			5.00- 9.00	7.14
6.973	7.025 (0.000)	176	69488			95.00- 101.00	99.40
6.973	7.025 (0.000)	177	4321			5.00- 9.00	6.22

Data File: j04550.d

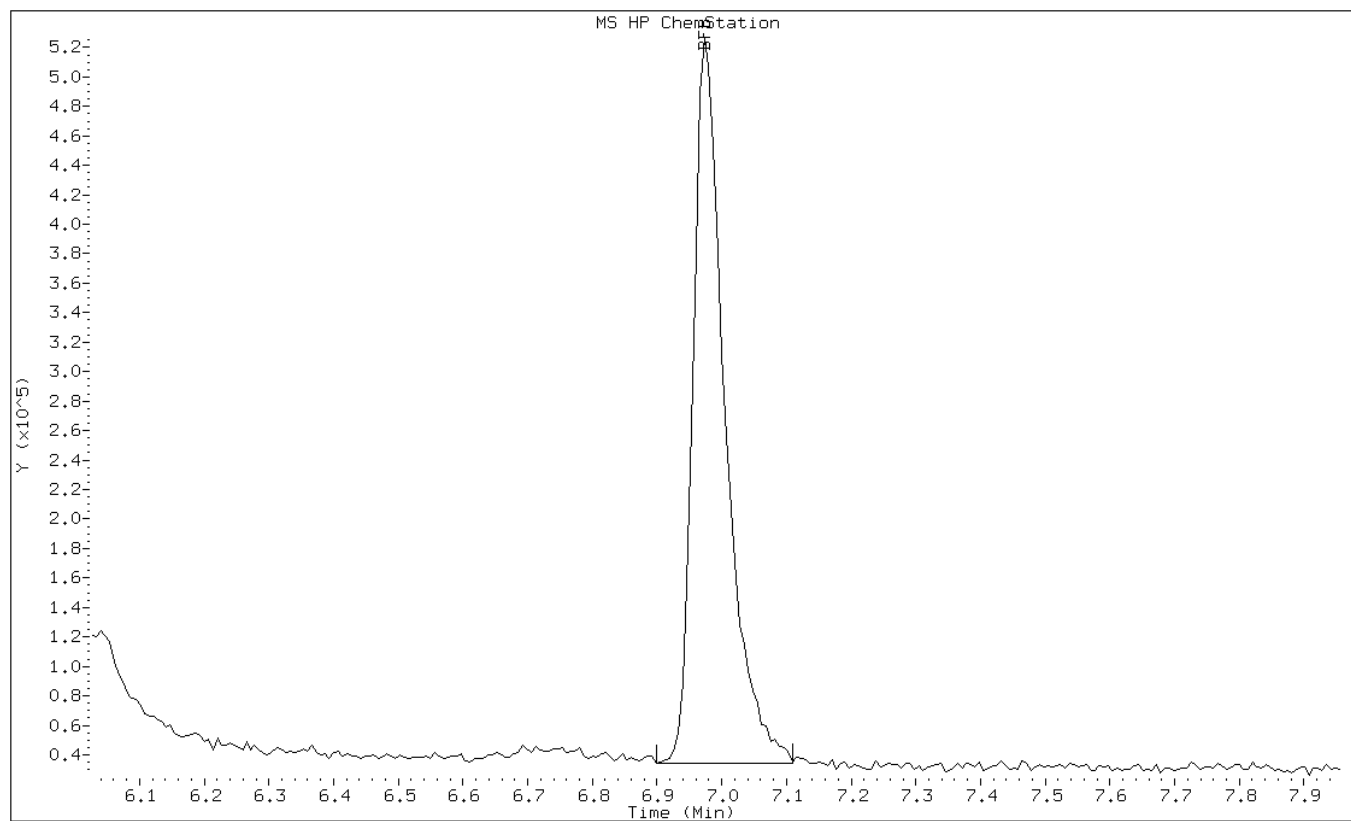
Date: 13-OCT-2011 03:29

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04550.d

Date: 13-OCT-2011 03:29

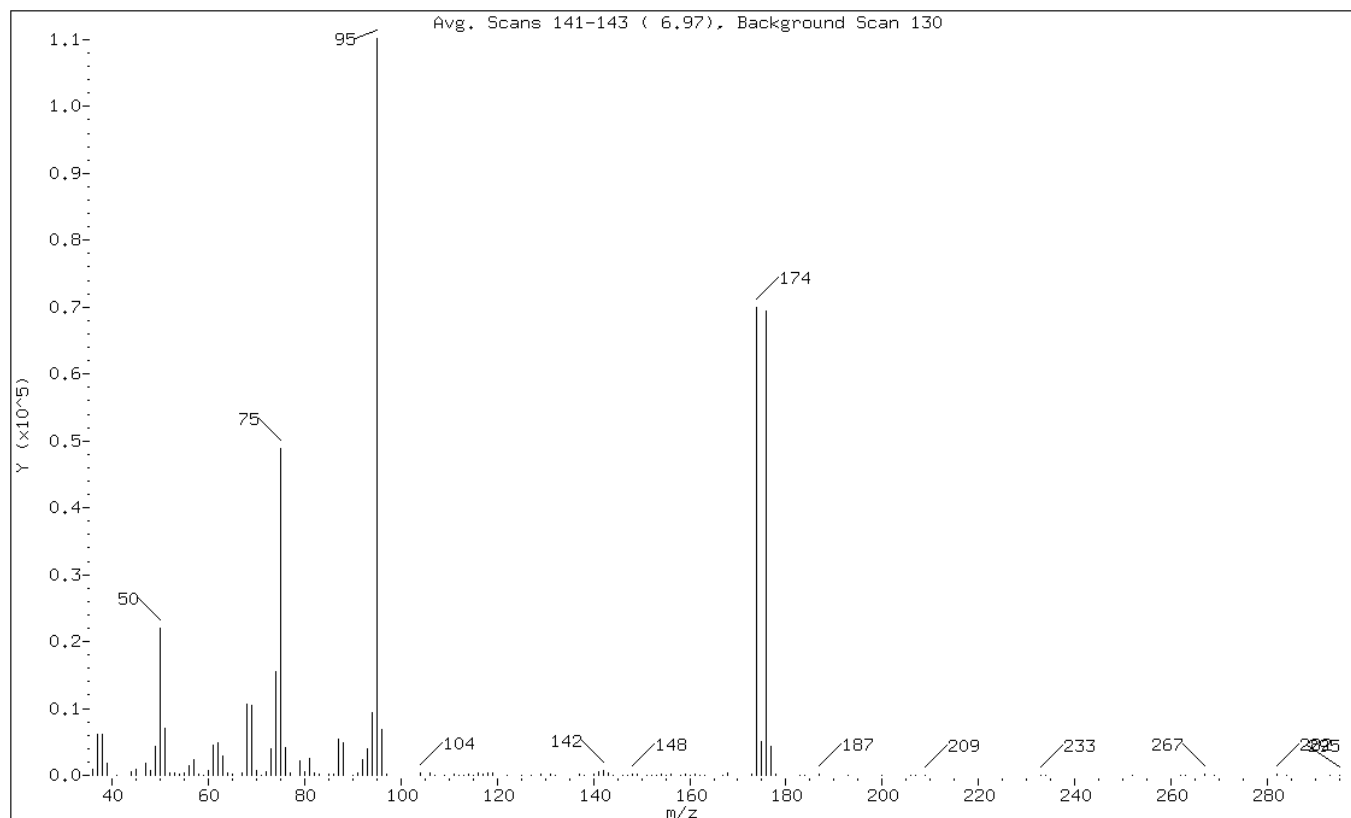
Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.00
75	30.00 - 60.00% of mass 95	44.29
96	5.00 - 9.00% of mass 95	6.16
173	Less than 2.00% of mass 174	0.21 (0.33)
174	50.00 - 100.00% of mass 95	63.45
175	5.00 - 9.00% of mass 174	4.53 (7.14)
176	95.00 - 101.00% of mass 174	63.07 (99.40)
177	5.00 - 9.00% of mass 176	3.92 (6.22)

Data File: j04550.d

Date: 13-OCT-2011 03:29

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04550.d
Spectrum: Avg. Scans 141-143 (6.97), Background Scan 130
Location of Maximum: 95.00
Number of points: 123

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	905	72.00	584	115.00	75	161.00	98
37.00	6183	73.00	4006	116.00	302	162.00	44
38.00	6052	74.00	15451	117.00	227	163.00	46
39.00	1838	75.00	48792	118.00	367	167.00	42
41.00	51	76.00	4222	119.00	378	168.00	324
44.00	483	77.00	386	122.00	37	173.00	229
45.00	839	79.00	2128	125.00	58	174.00	69904
47.00	1861	80.00	575	127.00	41	175.00	4992
48.00	711	81.00	2585	129.00	149	176.00	69488
49.00	4355	82.00	298	131.00	165	177.00	4321
50.00	22032	83.00	130	132.00	44	178.00	189
51.00	7020	85.00	126	137.00	155	183.00	49
52.00	341	86.00	147	138.00	33	184.00	34
53.00	283	87.00	5354	140.00	108	187.00	257
54.00	98	88.00	4955	141.00	612	193.00	1
55.00	336	90.00	37	142.00	789	200.00	40
56.00	1478	91.00	330	143.00	289	206.00	85
57.00	2401	92.00	2311	144.00	16	207.00	26
58.00	95	93.00	3979	146.00	49	209.00	36
59.00	47	94.00	9315	147.00	89	233.00	67
60.00	810	95.00	110168	148.00	259	234.00	35
61.00	4428	96.00	6785	149.00	109	252.00	47
62.00	4879	97.00	138	151.00	10	262.00	53
63.00	2880	104.00	433	152.00	35	263.00	34
64.00	280	106.00	384	153.00	49	267.00	108
65.00	155	107.00	50	154.00	224	269.00	84
67.00	402	109.00	65	155.00	23	282.00	159
68.00	10716	111.00	109	156.00	193	284.00	46
69.00	10480	112.00	48	158.00	81	293.00	43
70.00	652	113.00	76	159.00	129	295.00	34
71.00	42	114.00	177	160.00	42		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-89343/4

Matrix: Solid Lab File ID: j04556.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-87-3	Chloromethane	100	U	100	21
75-01-4	Vinyl chloride	100	U	100	12
74-83-9	Bromomethane	100	U	100	31
75-00-3	Chloroethane	100	U	100	45
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	200	U	200	33
75-09-2	Methylene Chloride	100	U	100	19
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	Methyl tert-butyl ether	100	U	100	19
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
78-93-3	2-Butanone (MEK)	1000	U	1000	82
67-66-3	Chloroform	100	U	100	16
71-55-6	1,1,1-Trichloroethane	100	U	100	25
110-82-7	Cyclohexane	100	U	100	12
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
107-06-2	1,2-Dichloroethane	100	U	100	25
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	8.0
78-87-5	1,2-Dichloropropane	100	U	100	8.7
75-27-4	Dichlorobromomethane	100	U	100	9.0
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
127-18-4	Tetrachloroethene	100	U	100	20
591-78-6	2-Hexanone	1000	U	1000	55
124-48-1	Chlorodibromomethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89343/4
 Matrix: Solid Lab File ID: j04556.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	25
1330-20-7	Xylenes, Total	300	U	300	43
100-42-5	Styrene	100	U	100	14
75-25-2	Bromoform	100	U	100	9.9
98-82-8	Isopropylbenzene	100	U	100	21
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
541-73-1	1,3-Dichlorobenzene	100	U	100	23
106-46-7	1,4-Dichlorobenzene	100	U	100	15
95-50-1	1,2-Dichlorobenzene	100	U	100	16
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		57-135
460-00-4	4-Bromofluorobenzene	111		50-124
2037-26-5	Toluene-d8 (Surr)	96		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89343/4
Matrix: Solid Lab File ID: j04556.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 89343 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
 Report Date: 13-Oct-2011 08:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
 Lab Smp Id: MB
 Inj Date : 13-OCT-2011 06:04
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 6 QC Sample: BLANK
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.468	7.466	(0.948)	475108	46.9409	4700	
* 52 Fluorobenzene	96	7.877	7.881	(1.000)	1558737	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.738	9.734	(0.859)	1112723	47.8854	4800	
* 78 Chlorobenzene-d5	117	11.332	11.324	(1.000)	1154362	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.522	12.521	(0.911)	477756	55.4677	5500	
* 108 1,4-Dichlorobenzene-d4	152	13.753	13.759	(1.000)	425785	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
Report Date: 13-Oct-2011 08:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
Lab Smp Id: MB
Inj Date : 13-OCT-2011 06:04
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04556.d

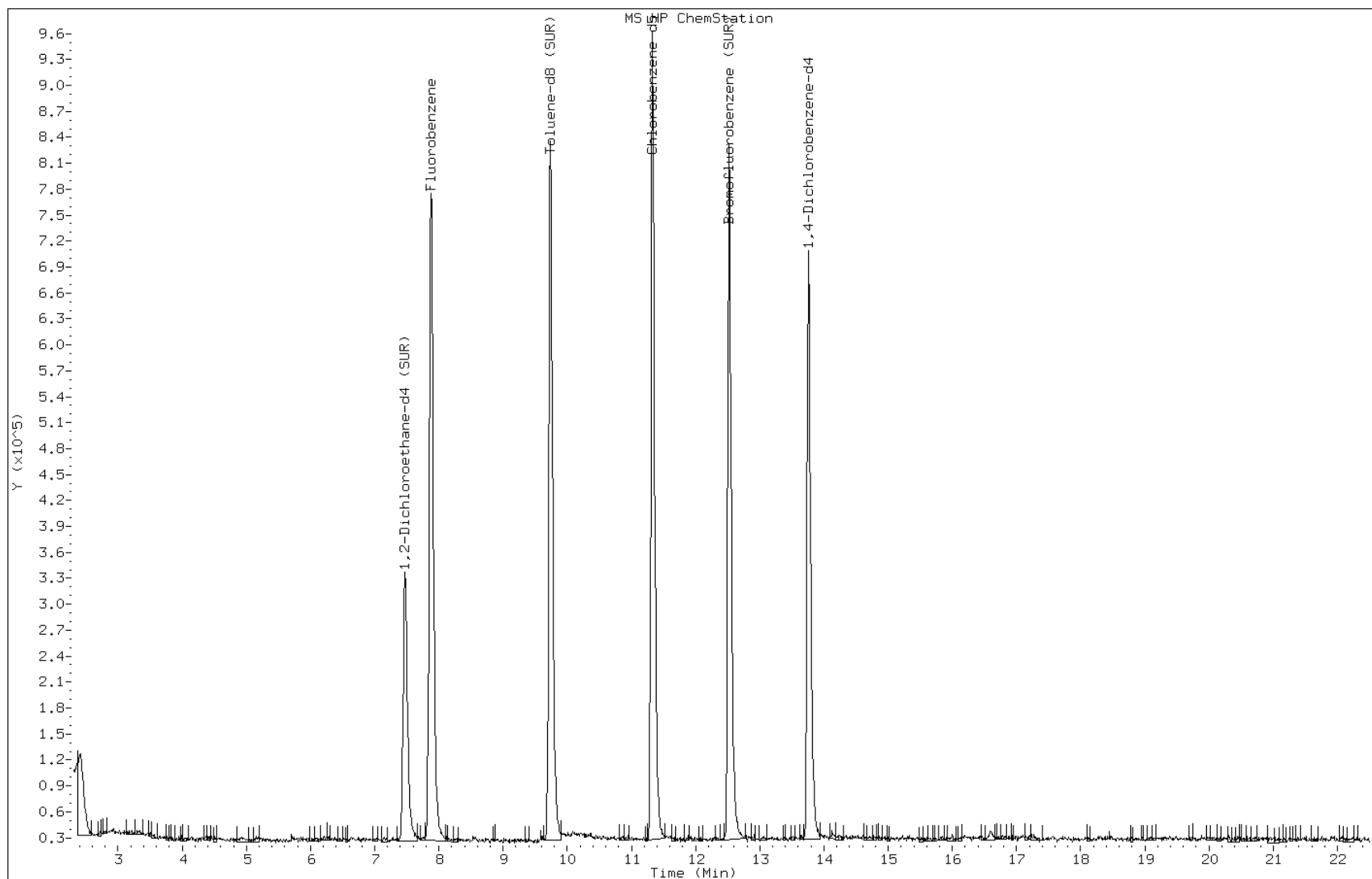
Date: 13-OCT-2011 06:04

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89343/3

Matrix: Solid Lab File ID: j04553.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 04:49

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1790		100	28
74-87-3	Chloromethane	2070		100	21
75-01-4	Vinyl chloride	1910		100	12
74-83-9	Bromomethane	1750		100	31
75-00-3	Chloroethane	1770		100	45
75-69-4	Trichlorofluoromethane	1880		100	16
75-35-4	1,1-Dichloroethene	1520		100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1880		100	29
67-64-1	Acetone	2370		1000	250
75-15-0	Carbon disulfide	1590		100	15
79-20-9	Methyl acetate	1720		200	33
75-09-2	Methylene Chloride	1680		100	19
156-60-5	trans-1,2-Dichloroethene	1610		100	14
1634-04-4	Methyl tert-butyl ether	1720		100	19
75-34-3	1,1-Dichloroethane	1670		100	10
156-59-2	cis-1,2-Dichloroethene	1690		100	19
78-93-3	2-Butanone (MEK)	1600		1000	82
67-66-3	Chloroform	1690		100	16
71-55-6	1,1,1-Trichloroethane	1690		100	25
110-82-7	Cyclohexane	2090		100	12
56-23-5	Carbon tetrachloride	1730		100	18
71-43-2	Benzene	1710		100	12
107-06-2	1,2-Dichloroethane	1690		100	25
79-01-6	Trichloroethene	1690		100	18
108-87-2	Methylcyclohexane	2610		100	8.0
78-87-5	1,2-Dichloropropane	1680		100	8.7
75-27-4	Dichlorobromomethane	1730		100	9.0
10061-01-5	cis-1,3-Dichloropropene	1660		100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1910		1000	68
108-88-3	Toluene	1770		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1730		100	12
79-00-5	1,1,2-Trichloroethane	1710		100	9.7
127-18-4	Tetrachloroethene	1870		100	20
591-78-6	2-Hexanone	1860		1000	55
124-48-1	Chlorodibromomethane	1750		100	10
106-93-4	1,2-Dibromoethane	1750		100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89343/3
 Matrix: Solid Lab File ID: j04553.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 04:49
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1710		100	17
100-41-4	Ethylbenzene	1730		100	25
1330-20-7	Xylenes, Total	5500		300	43
100-42-5	Styrene	1740		100	14
75-25-2	Bromoform	1820		100	9.9
98-82-8	Isopropylbenzene	1970		100	21
79-34-5	1,1,2,2-Tetrachloroethane	1740		100	8.6
541-73-1	1,3-Dichlorobenzene	2010		100	23
106-46-7	1,4-Dichlorobenzene	1830		100	15
95-50-1	1,2-Dichlorobenzene	1900		100	16
96-12-8	1,2-Dibromo-3-Chloropropane	1890		100	15
120-82-1	1,2,4-Trichlorobenzene	2210		100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
460-00-4	4-Bromofluorobenzene	102		50-124
2037-26-5	Toluene-d8 (Surr)	101		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Report Date: 17-Oct-2011 11:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Lab Smp Id: LCS
 Inj Date : 13-OCT-2011 04:49
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 3 QC Sample: METHSPIKE
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.604	2.577	(0.330)	301569	17.9213	1800	
3 Chloromethane	50	2.757	2.751	(0.350)	195623	20.7246	2100	
4 Vinyl Chloride	62	2.931	2.933	(0.372)	212121	19.1357	1900	
6 Bromomethane	94	3.310	3.315	(0.420)	170122	17.4645	1700	
5 Chloroethane	64	3.420	3.433	(0.434)	106316	17.7140	1800	
7 Trichlorofluoromethane	101	3.740	3.735	(0.475)	410111	18.8347	1900	
8 n-Pentane	72	3.804	3.799	(0.483)	22336	22.4509	2200	
9 Ethanol	46	3.932	3.964	(0.499)	81371	3042.54	300000	
10 Isoprene	67	4.085	4.071	(0.518)	167683	18.4669	1800	
11 Ethyl Ether	59	4.031	4.035	(0.512)	132572	18.0119	1800	
13 Acrolein	56	4.221	4.217	(0.536)	38826	33.6309	3400	
15 1,1-Dichloroethene	96	4.340	4.336	(0.551)	157611	15.2120	1500	
14 Freon TF	101	4.358	4.336	(0.553)	336474	18.8104	1900	
16 Acetone	58	4.403	4.391	(0.559)	13121	23.7334	2400	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
17 Iodomethane	142	4.539	4.538	(0.576)	498307	17.4656	1700
18 Carbon Disulfide	76	4.621	4.620	(0.586)	470123	15.9189	1600
21 Acetonitrile	39	4.749	4.729	(0.603)	41563	445.733	44000
27 Methyl Acetate	74	4.739	4.748	(0.602)	37273	17.1909	1700
22 Methylene Chloride	84	4.895	4.893	(0.621)	203812	16.7627	1700
24 TBA	59	4.986	4.993	(0.633)	277980	366.277	37000
25 trans-1,2-Dichloroethene	96	5.195	5.202	(0.659)	194118	16.1340	1600
26 Acrylonitrile	53	5.177	5.193	(0.657)	45427	18.8012	1900
28 MTBE	73	5.177	5.184	(0.657)	462256	17.1748	1700
29 Hexane	56	5.469	5.480	(0.694)	105899	28.8892	2900(R)
30 1,1-Dichloroethane	63	5.697	5.699	(0.723)	394060	16.7004	1700
31 Vinyl Acetate	43	5.724	5.726	(0.727)	568847	18.1024	1800
32 DIPE	45	5.724	5.726	(0.727)	832690	17.4952	1700
35 t-Butyl-ethyl-ether	59	6.161	6.165	(0.782)	675381	18.0007	1800
37 2,2-Dichloropropane	77	6.432	6.426	(0.816)	314064	17.3688	1700
36 cis-1,2-Dichloroethene	96	6.415	6.409	(0.814)	228314	16.9343	1700
38 2-Butanone	72	6.424	6.418	(0.815)	14890	15.9928	1600
39 Ethyl Acetate	70	6.441	6.444	(0.817)	45916	35.7214	3600
40 Bromochloromethane	128	6.731	6.725	(0.854)	149217	16.2714	1600
41 Tetrahydrofuran	42	6.767	6.780	(0.859)	49426	19.7806	2000
42 Chloroform	83	6.795	6.797	(0.862)	433572	16.8706	1700
43 1,1,1-Trichloroethane	97	7.051	7.062	(0.895)	339902	16.8948	1700
44 Cyclohexane	56	7.132	7.125	(0.905)	242659	20.8897	2100
45 Carbon Tetrachloride	117	7.270	7.268	(0.923)	311788	17.2508	1700
46 1,1-Dichloropropene	75	7.260	7.259	(0.922)	287042	16.9090	1700
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.470	7.466	(0.948)	495801	50.2644	5000
48 Benzene	78	7.544	7.539	(0.666)	564441	17.1390	1700
49 1,2-Dichloroethane	62	7.562	7.565	(0.960)	253537	16.8951	1700
51 n-Heptane	57	7.806	7.798	(0.991)	62497	19.2344	1900
50 t-Amyl-methyl-ether	73	7.625	7.634	(0.968)	574764	18.2341	1800
* 52 Fluorobenzene	96	7.879	7.881	(1.000)	1519074	50.0000	
54 Trichloroethene	95	8.324	8.324	(1.056)	248609	16.9426	1700
53 n-Butanol	43	8.161	8.169	(1.036)	165905	1584.39	160000
56 Methyl cyclohexane	83	8.551	8.551	(1.085)	209474	26.1461	2600
55 Ethyl Acrylate	55	8.396	8.395	(1.066)	247387	18.2819	1800
57 1,2-Dichloropropane	63	8.615	8.606	(1.093)	250723	16.8201	1700
58 Dibromomethane	93	8.758	8.762	(1.112)	221516	16.5395	1600
60 1,4-Dioxane	88	8.749	8.762	(1.110)	15508	183.583	18000(a)
59 Methyl Methacrylate	100	8.689	8.688	(1.103)	55497	18.5988	1800
75 Propyl Acetate	43	8.740	8.743	(1.109)	670347	37.9067	3800
68 Bromodichloromethane	83	8.919	8.917	(1.132)	433820	17.2701	1700
62 2-Chloroethyl Vinyl Ether	63	9.228	9.238	(1.171)	131097	17.3105	1700
63 Epichlorohydrin	57	9.337	9.338	(0.824)	355606	355.256	36000
67 cis-1,3-Dichloropropene	75	9.429	9.430	(0.832)	365386	16.6213	1700
70 4-Methyl-2-Pentanone	43	9.574	9.583	(0.845)	209544	19.1416	1900
\$ 65 Toluene-d8 (SUR)	98	9.739	9.734	(0.860)	1140628	50.6915	5100
66 Toluene	91	9.812	9.817	(0.866)	572243	17.7490	1800

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
64 trans-1,3-Dichloropropene	75	10.045	10.046	(0.887)	299959	17.2865	1700	
69 1,1,2-Trichloroethane	83	10.264	10.266	(0.906)	182805	17.1185	1700	
71 Tetrachloroethene	166	10.427	10.421	(0.920)	229331	18.6706	1900	
72 1,3-Dichloropropane	76	10.454	10.458	(0.923)	331308	17.0792	1700	
73 2-Hexanone	43	10.509	10.503	(0.928)	121429	18.6416	1900	
74 Dibromochloromethane	129	10.718	10.714	(0.946)	366344	17.4756	1700	
76 Butyl Acetate	73	10.610	10.613	(0.937)	123125	35.6332	3600	
77 1,2-Dibromoethane	107	10.856	10.859	(0.958)	304102	17.4743	1700	
* 78 Chlorobenzene-d5	117	11.328	11.324	(1.000)	1117807	50.0000		
79 Chlorobenzene	112	11.365	11.360	(1.003)	423136	17.1372	1700	
80 1,1,1,2-Tetrachloroethane	131	11.437	11.432	(1.010)	243228	17.1768	1700	
81 Ethylbenzene	106	11.446	11.450	(1.010)	167091	17.2808	1700	
82 m+p-Xylene	106	11.565	11.561	(1.021)	458915	36.7340	3700	
84 o-Xylene	106	11.982	11.984	(1.058)	223903	18.2277	1800	
85 Styrene	104	11.992	11.993	(1.059)	391092	17.3794	1700	
83 Butyl Acrylate	73	11.872	11.878	(1.048)	180732	18.8665	1900	
86 Bromoform	173	12.223	12.229	(1.079)	232570	18.1694	1800	
87 Amyl Acetate	43	12.101	12.094	(0.880)	395423	28.2007	2800(R)	
88 Isopropylbenzene	105	12.342	12.339	(1.090)	573027	19.7103	2000	
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.521	(0.910)	515275	51.1847	5100	
90 Camphene (total)	41	12.632	12.631	(1.115)	77926	32.1198	3200(R)	
91 Bromobenzene	156	12.706	12.703	(0.924)	218357	17.6130	1800	
92 1,1,2,2-Tetrachloroethane	83	12.650	12.649	(0.920)	321620	17.4201	1700	
93 1,2,3-Trichloropropane	110	12.715	12.722	(0.924)	77324	17.5134	1800	
94 trans-1,4-Dichloro-2-butene	53	12.706	12.703	(0.924)	69686	21.6565	2200	
95 n-Propylbenzene	91	12.761	12.758	(0.928)	671900	20.6994	2100	
96 2-Chlorotoluene	91	12.888	12.885	(0.937)	364909	17.0671	1700	
97 1,3,5-Trimethylbenzene	105	12.925	12.931	(0.940)	450438	19.9389	2000	
98 4-Chlorotoluene	91	12.989	12.986	(0.944)	522406	18.1312	1800	
99 Butyl Methacrylate	87	12.962	12.959	(0.942)	310802	18.7434	1900	
100 tert-Butylbenzene	119	13.279	13.285	(0.965)	458813	20.9329	2100	
101 1,2,4-Trimethylbenzene	105	13.334	13.330	(0.969)	464155	19.7041	2000	
102 2-Octanone	43	13.380	13.385	(0.973)	389203	21.3117	2100	
103 sec-Butylbenzene	105	13.518	13.522	(0.983)	610002	21.3006	2100	
104 2-Octanol	45	13.426	13.431	(0.976)	94611	20.4423	2000	
105 1,3-Dichlorobenzene	146	13.692	13.695	(0.995)	309634	20.0790	2000	
107 p-Isopropyltoluene	119	13.656	13.658	(0.993)	474604	21.5143	2200	
* 108 1,4-Dichlorobenzene-d4	152	13.757	13.759	(1.000)	497650	50.0000		
109 1,4-Dichlorobenzene	146	13.784	13.787	(1.002)	366883	18.2911	1800	
110 Benzyl Chloride	91	13.929	13.931	(1.013)	309524	17.0714	1700	
106 n-Butylbenzene	91	14.121	14.121	(1.026)	431945	21.3912	2100	
111 1,2-Dichlorobenzene	146	14.231	14.236	(1.034)	329410	19.0169	1900	
112 1,2-Dibromo-3-chloropropane	75	15.197	15.200	(1.105)	59541	18.8588	1900	
113 Camphor	95	16.251	16.253	(1.181)	119086	99.8386	10000	
114 1,2,4-Trichlorobenzene	180	16.388	16.390	(1.191)	154481	22.1118	2200	
115 Hexachlorobutadiene	225	16.604	16.600	(1.207)	139206	18.1691	1800	
116 Naphthalene	128	16.841	16.837	(1.224)	232469	22.4203	2200	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
117 1,2,3-Trichlorobenzene	180	17.250	17.268	(1.254)	113603	19.7356	2000
M 120 1,2-Dichloroethene (Total)	100				422432	33.1138	3300
M 121 Xylene (Total)	100				682819	54.9616	5500

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j04553.d

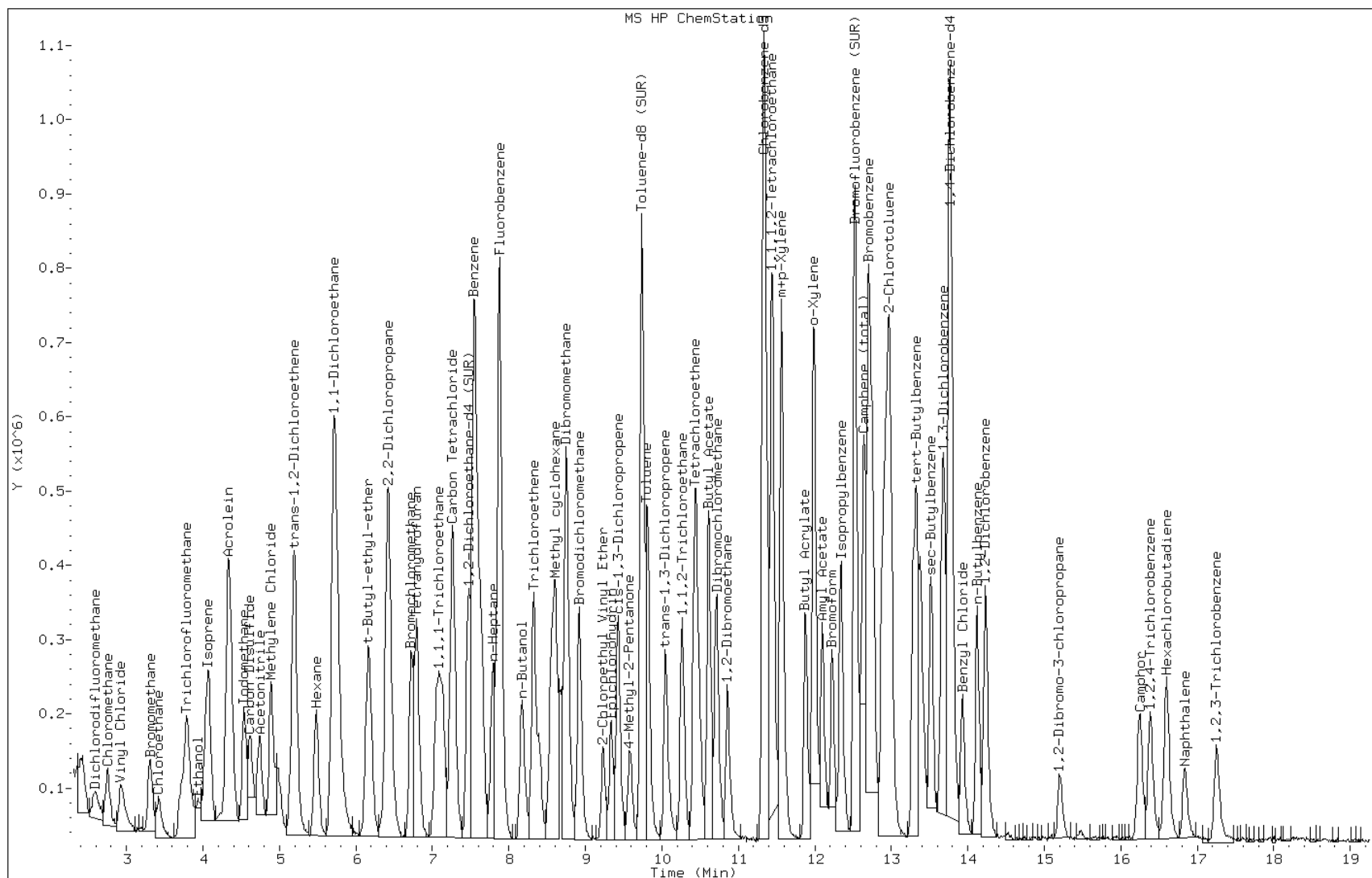
Date: 13-OCT-2011 04:49

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-140 MS Lab Sample ID: 460-32125-1 MS

Matrix: Solid Lab File ID: j04574.d

Analysis Method: 8260B Date Collected: 10/05/2011 10:30

Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 13:37

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 18.2 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2400		120	34
74-87-3	Chloromethane	2310		120	25
75-01-4	Vinyl chloride	2430		120	14
74-83-9	Bromomethane	1690		120	37
75-00-3	Chloroethane	1350		120	53
75-69-4	Trichlorofluoromethane	2070		120	19
75-35-4	1,1-Dichloroethene	1760		120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2150		120	34
67-64-1	Acetone	2410		1200	290
75-15-0	Carbon disulfide	1770		120	17
79-20-9	Methyl acetate	2130		240	39
75-09-2	Methylene Chloride	1990		120	23
156-60-5	trans-1,2-Dichloroethene	1890		120	16
1634-04-4	Methyl tert-butyl ether	2030		120	22
75-34-3	1,1-Dichloroethane	2030		120	12
156-59-2	cis-1,2-Dichloroethene	1970		120	23
78-93-3	2-Butanone (MEK)	2290		1200	97
67-66-3	Chloroform	2050		120	18
71-55-6	1,1,1-Trichloroethane	2000		120	29
110-82-7	Cyclohexane	2220		120	15
56-23-5	Carbon tetrachloride	2100		120	21
71-43-2	Benzene	1980		120	14
107-06-2	1,2-Dichloroethane	2070		120	29
79-01-6	Trichloroethene	2090		120	21
108-87-2	Methylcyclohexane	2340		120	9.5
78-87-5	1,2-Dichloropropane	2070		120	10
75-27-4	Dichlorobromomethane	2160		120	11
10061-01-5	cis-1,3-Dichloropropene	1910		120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	2050		1200	81
108-88-3	Toluene	2030		120	11
10061-02-6	trans-1,3-Dichloropropene	1960		120	14
79-00-5	1,1,2-Trichloroethane	1920		120	12
127-18-4	Tetrachloroethene	2150		120	23
591-78-6	2-Hexanone	1920		1200	65
124-48-1	Chlorodibromomethane	1880		120	12
106-93-4	1,2-Dibromoethane	1940		120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-140 MS Lab Sample ID: 460-32125-1 MS
 Matrix: Solid Lab File ID: j04574.d
 Analysis Method: 8260B Date Collected: 10/05/2011 10:30
 Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 13:37
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.2 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	2060		120	20
100-41-4	Ethylbenzene	2030		120	29
1330-20-7	Xylenes, Total	6180		350	51
100-42-5	Styrene	2070		120	16
75-25-2	Bromoform	1990		120	12
98-82-8	Isopropylbenzene	2080		120	25
79-34-5	1,1,2,2-Tetrachloroethane	1870		120	10
541-73-1	1,3-Dichlorobenzene	2000		120	27
106-46-7	1,4-Dichlorobenzene	1940		120	18
95-50-1	1,2-Dichlorobenzene	2000		120	19
96-12-8	1,2-Dibromo-3-Chloropropane	2100		120	18
120-82-1	1,2,4-Trichlorobenzene	2470		120	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		57-135
460-00-4	4-Bromofluorobenzene	96		50-124
2037-26-5	Toluene-d8 (Surr)	94		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Report Date: 14-Oct-2011 03:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Lab Smp Id: 460-32125-B-1-AMS
 Inj Date : 13-OCT-2011 13:37
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-1-AMS;50;;12.93;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 24 QC Sample: MS
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	12.93000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.595	2.577	(0.329)	325701	20.3426	2000	
3 Chloromethane	50	2.760	2.751	(0.350)	175409	19.5309	1900	
4 Vinyl Chloride	62	2.934	2.933	(0.372)	217282	20.6009	2000	
6 Bromomethane	94	3.289	3.315	(0.417)	132392	14.2844	1400	
5 Chloroethane	64	3.399	3.433	(0.431)	65434	11.4584	1100(R)	
7 Trichlorofluoromethane	101	3.718	3.735	(0.471)	362789	17.5112	1700	
8 n-Pentane	72	3.773	3.799	(0.478)	16810	17.7588	1700	
9 Ethanol	46	4.056	3.964	(0.514)	26012	1022.21	99000(R)	
10 Isoprene	67	4.065	4.071	(0.515)	157657	18.2482	1800	
11 Ethyl Ether	59	4.047	4.035	(0.513)	117895	16.8348	1600	
13 Acrolein	56	4.220	4.217	(0.535)	28987	26.3892	2600	
15 1,1-Dichloroethene	96	4.339	4.336	(0.550)	147106	14.9223	1400	
14 Freon TF	101	4.348	4.336	(0.551)	308976	18.1541	1800	
16 Acetone	58	4.402	4.391	(0.558)	10740	20.4188	2000	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
17 Iodomethane	142	4.540	4.538	(0.575)	457792	16.8639	1600
18 Carbon Disulfide	76	4.631	4.620	(0.587)	419933	14.9446	1400
21 Acetonitrile	39	4.749	4.729	(0.602)	43483	490.109	47000
27 Methyl Acetate	74	4.767	4.748	(0.604)	37185	18.0252	1700
22 Methylene Chloride	84	4.894	4.893	(0.620)	194464	16.8096	1600
24 TBA	59	5.031	4.993	(0.637)	272205	376.960	36000
25 trans-1,2-Dichloroethene	96	5.205	5.202	(0.659)	183343	16.0156	1500
26 Acrylonitrile	53	5.196	5.193	(0.658)	43532	18.9358	1800
28 MTBE	73	5.196	5.184	(0.658)	439698	17.1699	1600
29 Hexane	56	5.478	5.480	(0.694)	67333	19.3052	1900
30 1,1-Dichloroethane	63	5.720	5.699	(0.725)	385679	17.1789	1700
31 Vinyl Acetate	43	5.738	5.726	(0.727)	547679	18.3177	1800
32 DIPE	45	5.738	5.726	(0.727)	820368	18.1154	1800
35 t-Butyl-ethyl-ether	59	6.182	6.165	(0.783)	642067	17.9856	1700
37 2,2-Dichloropropane	77	6.425	6.426	(0.814)	293804	17.0770	1600
36 cis-1,2-Dichloroethene	96	6.425	6.409	(0.814)	214351	16.7096	1600
38 2-Butanone	72	6.434	6.418	(0.815)	17138	19.3469	1900
39 Ethyl Acetate	70	6.471	6.444	(0.820)	38581	31.5457	3000
40 Bromochloromethane	128	6.736	6.725	(0.854)	144156	16.5213	1600
41 Tetrahydrofuran	42	6.800	6.780	(0.862)	44215	18.5976	1800
42 Chloroform	83	6.809	6.797	(0.863)	424536	17.3615	1700
43 1,1,1-Trichloroethane	97	7.062	7.062	(0.895)	323701	16.9101	1600
44 Cyclohexane	56	7.136	7.125	(0.904)	207372	18.7625	1800
45 Carbon Tetrachloride	117	7.282	7.268	(0.923)	304933	17.7319	1700
46 1,1-Dichloropropene	75	7.273	7.259	(0.922)	283081	17.5261	1700
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.482	7.466	(0.948)	470561	50.1387	4800
48 Benzene	78	7.555	7.539	(0.666)	553185	16.7177	1600
49 1,2-Dichloroethane	62	7.583	7.565	(0.961)	249564	17.4786	1700
51 n-Heptane	57	7.801	7.798	(0.988)	38382	12.4151	1200(R)
50 t-Amyl-methyl-ether	73	7.654	7.634	(0.970)	558764	18.6306	1800
* 52 Fluorobenzene	96	7.892	7.881	(1.000)	1445358	50.0000	
54 Trichloroethene	95	8.336	8.324	(1.056)	247291	17.7123	1700
53 n-Butanol	43	8.191	8.169	(1.038)	146036	1465.77	140000
56 Methyl cyclohexane	83	8.574	8.551	(1.086)	150943	19.8013	1900
55 Ethyl Acrylate	55	8.418	8.395	(1.067)	245576	19.0736	1800
57 1,2-Dichloropropane	63	8.619	8.606	(1.092)	248655	17.5321	1700
58 Dibromomethane	93	8.766	8.762	(1.111)	214051	16.7972	1600
60 1,4-Dioxane	88	8.756	8.762	(1.109)	11861	147.568	14000(a)
59 Methyl Methacrylate	100	8.692	8.688	(1.101)	50861	17.9146	1700
75 Propyl Acetate	43	8.756	8.743	(1.109)	597474	35.5091	3400
68 Bromodichloromethane	83	8.939	8.917	(1.133)	436536	18.2646	1800
62 2-Chloroethyl Vinyl Ether	63	9.246	9.238	(1.172)	128220	17.7943	1700
63 Epichlorohydrin	57	9.355	9.338	(0.825)	330152	328.265	32000
67 cis-1,3-Dichloropropene	75	9.437	9.430	(0.832)	356836	16.1555	1600
70 4-Methyl-2-Pentanone	43	9.602	9.583	(0.847)	191014	17.3662	1700
\$ 65 Toluene-d8 (SUR)	98	9.756	9.734	(0.860)	1065050	47.1084	4600
66 Toluene	91	9.829	9.817	(0.867)	556450	17.1774	1700

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
64 trans-1,3-Dichloropropene	75	10.058	10.046	(0.887)	288481	16.5463	1600
69 1,1,2-Trichloroethane	83	10.276	10.266	(0.906)	173861	16.2038	1600
71 Tetrachloroethene	166	10.432	10.421	(0.920)	224568	18.1962	1800
72 1,3-Dichloropropane	76	10.467	10.458	(0.923)	333818	17.1271	1600
73 2-Hexanone	43	10.519	10.503	(0.928)	106220	16.2296	1600
74 Dibromochloromethane	129	10.729	10.714	(0.946)	335454	15.9262	1500
76 Butyl Acetate	73	10.629	10.613	(0.937)	114821	33.0727	3200
77 1,2-Dibromoethane	107	10.876	10.859	(0.959)	287216	16.4258	1600
* 78 Chlorobenzene-d5	117	11.339	11.324	(1.000)	1123128	50.0000	
79 Chlorobenzene	112	11.373	11.360	(1.003)	431876	17.4083	1700
80 1,1,1,2-Tetrachloroethane	131	11.446	11.432	(1.009)	234826	16.5050	1600
81 Ethylbenzene	106	11.465	11.450	(1.011)	167236	17.2139	1700
82 m+p-Xylene	106	11.575	11.561	(1.021)	439715	35.0304	3400
84 o-Xylene	106	11.996	11.984	(1.058)	213475	17.2964	1700
85 Styrene	104	12.005	11.993	(1.059)	395810	17.5057	1700
83 Butyl Acrylate	73	11.895	11.878	(1.049)	177562	18.4478	1800
86 Bromoform	173	12.243	12.229	(1.080)	216870	16.8626	1600
87 Amyl Acetate	43	12.115	12.094	(0.879)	392635	27.3780	2600(R)
88 Isopropylbenzene	105	12.353	12.339	(1.089)	512969	17.5609	1700
\$ 89 Bromofluorobenzene (SUR)	174	12.537	12.521	(0.910)	493814	47.9599	4600
90 Camphene (total)	41	12.647	12.631	(1.115)	63391	26.0048	2500
91 Bromobenzene	156	12.720	12.703	(0.923)	216491	17.0735	1600
92 1,1,2,2-Tetrachloroethane	83	12.665	12.649	(0.919)	298946	15.8313	1500(R)
93 1,2,3-Trichloropropane	110	12.728	12.722	(0.924)	76741	16.9941	1600
94 trans-1,4-Dichloro-2-butene	53	12.711	12.703	(0.922)	71879	21.8403	2100
95 n-Propylbenzene	91	12.772	12.758	(0.927)	570995	17.1988	1700
96 2-Chlorotoluene	91	12.892	12.885	(0.935)	404876	18.5145	1800
97 1,3,5-Trimethylbenzene	105	12.938	12.931	(0.939)	390888	16.9174	1600
98 4-Chlorotoluene	91	13.002	12.986	(0.943)	484808	16.4514	1600
99 Butyl Methacrylate	87	12.974	12.959	(0.941)	309105	18.2256	1800
100 tert-Butylbenzene	119	13.303	13.285	(0.965)	383006	17.0849	1600
101 1,2,4-Trimethylbenzene	105	13.348	13.330	(0.969)	406214	16.8602	1600
102 2-Octanone	43	13.401	13.385	(0.972)	363265	19.4482	1900
103 sec-Butylbenzene	105	13.527	13.522	(0.982)	505141	17.2459	1700
104 2-Octanol	45	13.454	13.431	(0.976)	142918	30.1919	2900(R)
105 1,3-Dichlorobenzene	146	13.710	13.695	(0.995)	266672	16.9077	1600
107 p-Isopropyltoluene	119	13.673	13.658	(0.992)	385986	17.1073	1600
* 108 1,4-Dichlorobenzene-d4	152	13.781	13.759	(1.000)	508991	50.0000	
109 1,4-Dichlorobenzene	146	13.800	13.787	(1.001)	336981	16.4260	1600(R)
110 Benzyl Chloride	91	13.945	13.931	(1.012)	301846	16.2770	1600
106 n-Butylbenzene	91	14.136	14.121	(1.026)	359272	17.3958	1700
111 1,2-Dichlorobenzene	146	14.255	14.236	(1.034)	300164	16.9425	1600
112 1,2-Dibromo-3-chloropropane	75	15.217	15.200	(1.104)	57300	17.7446	1700
113 Camphor	95	16.268	16.253	(1.180)	106066	86.9416	8400
114 1,2,4-Trichlorobenzene	180	16.415	16.390	(1.191)	149558	20.9302	2000
115 Hexachlorobutadiene	225	16.616	16.600	(1.206)	79537	10.1499	980(R)
116 Naphthalene	128	16.865	16.837	(1.224)	209308	19.7368	1900

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
117 1,2,3-Trichlorobenzene	180	17.294	17.268	(1.255)	108228	18.3829	1800
M 120 1,2-Dichloroethene (Total)	100				397694	32.7646	3200
M 121 Xylene (Total)	100				653191	52.3268	5000

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

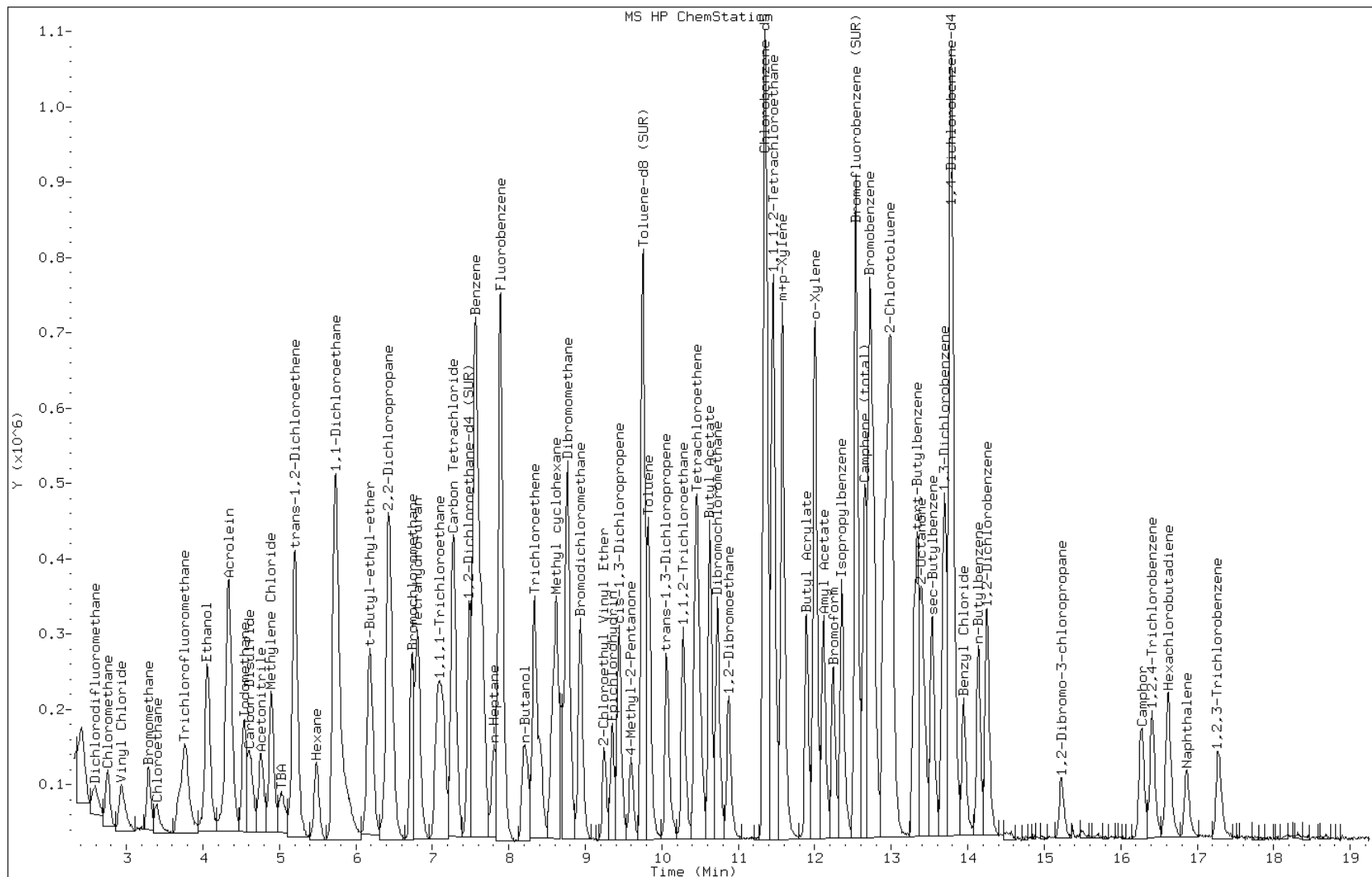
Data File: j04574.d

Date: 13-OCT-2011 13:37

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-32125-B-1-AMS;50;;12.93;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1 MSD

Matrix: Solid Lab File ID: j04575.d

Analysis Method: 8260B Date Collected: 10/05/2011 10:30

Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 14:02

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 18.2 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2260		120	34
74-87-3	Chloromethane	2420		120	25
75-01-4	Vinyl chloride	2630		120	14
74-83-9	Bromomethane	1520		120	37
75-00-3	Chloroethane	1470		120	53
75-69-4	Trichlorofluoromethane	2100		120	19
75-35-4	1,1-Dichloroethene	1770		120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2230		120	34
67-64-1	Acetone	2300		1200	290
75-15-0	Carbon disulfide	1830		120	17
79-20-9	Methyl acetate	2140		240	39
75-09-2	Methylene Chloride	2000		120	23
156-60-5	trans-1,2-Dichloroethene	1970		120	16
1634-04-4	Methyl tert-butyl ether	2060		120	22
75-34-3	1,1-Dichloroethane	2030		120	12
156-59-2	cis-1,2-Dichloroethene	2030		120	23
78-93-3	2-Butanone (MEK)	2180		1200	97
67-66-3	Chloroform	2090		120	18
71-55-6	1,1,1-Trichloroethane	2100		120	29
110-82-7	Cyclohexane	2290		120	15
56-23-5	Carbon tetrachloride	2140		120	21
71-43-2	Benzene	2040		120	14
107-06-2	1,2-Dichloroethane	2100		120	29
79-01-6	Trichloroethene	2080		120	21
108-87-2	Methylcyclohexane	2450		120	9.5
78-87-5	1,2-Dichloropropane	2060		120	10
75-27-4	Dichlorobromomethane	2130		120	11
10061-01-5	cis-1,3-Dichloropropene	1980		120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	2150		1200	81
108-88-3	Toluene	2150		120	11
10061-02-6	trans-1,3-Dichloropropene	2070		120	14
79-00-5	1,1,2-Trichloroethane	2040		120	12
127-18-4	Tetrachloroethene	2210		120	23
591-78-6	2-Hexanone	2070		1200	65
124-48-1	Chlorodibromomethane	2020		120	12
106-93-4	1,2-Dibromoethane	2070		120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1 MSD
 Matrix: Solid Lab File ID: j04575.d
 Analysis Method: 8260B Date Collected: 10/05/2011 10:30
 Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 14:02
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.2 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	2110		120	20
100-41-4	Ethylbenzene	2090		120	29
1330-20-7	Xylenes, Total	6510		350	51
100-42-5	Styrene	2160		120	16
75-25-2	Bromoform	2100		120	12
98-82-8	Isopropylbenzene	2200		120	25
79-34-5	1,1,2,2-Tetrachloroethane	2020		120	10
541-73-1	1,3-Dichlorobenzene	2120		120	27
106-46-7	1,4-Dichlorobenzene	2160		120	18
95-50-1	1,2-Dichlorobenzene	2010		120	19
96-12-8	1,2-Dibromo-3-Chloropropane	2180		120	18
120-82-1	1,2,4-Trichlorobenzene	2850		120	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
460-00-4	4-Bromofluorobenzene	98		50-124
2037-26-5	Toluene-d8 (Surr)	97		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Lab Smp Id: 460-32125-B-1-AMSD
 Inj Date : 13-OCT-2011 14:02
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-1-AMSD;50;;12.93;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 25 QC Sample: MSD
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	12.93000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.595	2.577	(0.329)	286919	19.1397	1800	
3 Chloromethane	50	2.759	2.751	(0.350)	172098	20.4660	2000	
4 Vinyl Chloride	62	2.938	2.933	(0.372)	220170	22.2950	2200	
6 Bromomethane	94	3.292	3.315	(0.417)	111747	12.8773	1200	
5 Chloroethane	64	3.402	3.433	(0.431)	66585	12.4534	1200(R)	
7 Trichlorofluoromethane	101	3.722	3.735	(0.472)	344148	17.7417	1700	
8 n-Pentane	72	3.775	3.799	(0.478)	17157	19.3584	1900	
9 Ethanol	46	4.046	3.964	(0.513)	65321	2741.65	260000	
10 Isoprene	67	4.064	4.071	(0.515)	150493	18.6042	1800	
11 Ethyl Ether	59	4.046	4.035	(0.513)	106745	16.2798	1600	
13 Acrolein	56	4.225	4.217	(0.535)	24478	23.8006	2300	
15 1,1-Dichloroethene	96	4.335	4.336	(0.549)	138415	14.9960	1400	
14 Freon TF	101	4.344	4.336	(0.550)	300792	18.8757	1800	
16 Acetone	58	4.415	4.391	(0.559)	9581	19.4544	1900	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
17 Iodomethane	142	4.534	4.538	(0.574)	448290	17.6375	1700	
18 Carbon Disulfide	76	4.625	4.620	(0.586)	408002	15.5079	1500	
21 Acetonitrile	39	4.744	4.729	(0.601)	20886	251.439	24000	
27 Methyl Acetate	74	4.762	4.748	(0.603)	35003	18.1221	1800	
22 Methylene Chloride	84	4.898	4.893	(0.621)	183679	16.9576	1600	
24 TBA	59	5.026	4.993	(0.637)	267277	395.320	38000	
25 trans-1,2-Dichloroethene	96	5.208	5.202	(0.660)	178304	16.6353	1600	
26 Acrylonitrile	53	5.199	5.193	(0.659)	35364	16.4295	1600	
28 MTBE	73	5.199	5.184	(0.659)	418898	17.4706	1700	
29 Hexane	56	5.481	5.480	(0.694)	60173	18.4263	1800	
30 1,1-Dichloroethane	63	5.715	5.699	(0.724)	360998	17.1736	1700	
31 Vinyl Acetate	43	5.743	5.726	(0.728)	516112	18.4364	1800	
32 DIPE	45	5.743	5.726	(0.728)	765782	18.0606	1700	
35 t-Butyl-ethyl-ether	59	6.197	6.165	(0.785)	620258	18.5569	1800	
37 2,2-Dichloropropane	77	6.435	6.426	(0.815)	290094	18.0086	1700	
36 cis-1,2-Dichloroethene	96	6.426	6.409	(0.814)	206219	17.1694	1600	
38 2-Butanone	72	6.426	6.418	(0.814)	15304	18.4523	1800	
39 Ethyl Acetate	70	6.453	6.444	(0.818)	39903	34.8469	3400	
40 Bromochloromethane	128	6.727	6.725	(0.852)	141420	17.3104	1700	
41 Tetrahydrofuran	42	6.782	6.780	(0.859)	41544	18.6634	1800	
42 Chloroform	83	6.818	6.797	(0.864)	403936	17.6430	1700	
43 1,1,1-Trichloroethane	97	7.082	7.062	(0.897)	318771	17.7856	1700	
44 Cyclohexane	56	7.155	7.125	(0.907)	200410	19.3663	1900	
45 Carbon Tetrachloride	117	7.283	7.268	(0.923)	291213	18.0863	1700	
46 1,1-Dichloropropene	75	7.265	7.259	(0.920)	266905	17.6490	1700	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.484	7.466	(0.948)	443240	50.4409	4900	
48 Benzene	78	7.558	7.539	(0.666)	523648	17.2893	1700	
49 1,2-Dichloroethane	62	7.585	7.565	(0.961)	237846	17.7913	1700	
51 n-Heptane	57	7.813	7.798	(0.990)	63897	22.0744	2100	
50 t-Amyl-methyl-ether	73	7.649	7.634	(0.969)	533761	19.0078	1800	
* 52 Fluorobenzene	96	7.893	7.881	(1.000)	1353281	50.0000		
54 Trichloroethene	95	8.339	8.324	(1.057)	230506	17.6335	1700	
53 n-Butanol	43	8.220	8.169	(1.041)	142931	1532.21	150000	
56 Methyl cyclohexane	83	8.568	8.551	(1.086)	147740	20.6998	2000	
55 Ethyl Acrylate	55	8.421	8.395	(1.067)	235001	19.4941	1900	
57 1,2-Dichloropropane	63	8.632	8.606	(1.094)	231711	17.4490	1700	
58 Dibromomethane	93	8.768	8.762	(1.111)	214248	17.9567	1700	
60 1,4-Dioxane	88	8.787	8.762	(1.113)	12066	160.331	15000(a)	
59 Methyl Methacrylate	100	8.695	8.688	(1.102)	49125	18.4805	1800	
75 Propyl Acetate	43	8.759	8.743	(1.110)	574911	36.4929	3500	
68 Bromodichloromethane	83	8.933	8.917	(1.132)	403368	18.0251	1700	
62 2-Chloroethyl Vinyl Ether	63	9.252	9.238	(1.172)	112106	16.6165	1600	
63 Epichlorohydrin	57	9.353	9.338	(0.824)	317599	345.002	33000	
67 cis-1,3-Dichloropropene	75	9.444	9.430	(0.832)	338388	16.7378	1600	
70 4-Methyl-2-Pentanone	43	9.591	9.583	(0.845)	182792	18.1564	1800	
\$ 65 Toluene-d8 (SUR)	98	9.755	9.734	(0.860)	1006792	48.6520	4700	
66 Toluene	91	9.828	9.817	(0.866)	540558	18.2309	1800	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
64 trans-1,3-Dichloropropene	75	10.066	10.046	(0.887)	279362	17.5059	1700	
69 1,1,2-Trichloroethane	83	10.284	10.266	(0.906)	169889	17.2987	1700	
71 Tetrachloroethene	166	10.440	10.421	(0.920)	211577	18.7298	1800	
72 1,3-Dichloropropane	76	10.476	10.458	(0.923)	312585	17.5216	1700	
73 2-Hexanone	43	10.522	10.503	(0.927)	104886	17.5085	1700	
74 Dibromochloromethane	129	10.733	10.714	(0.946)	329307	17.0811	1600	
76 Butyl Acetate	73	10.623	10.613	(0.936)	109739	34.5334	3300	
77 1,2-Dibromoethane	107	10.879	10.859	(0.959)	280596	17.5320	1700	
* 78 Chlorobenzene-d5	117	11.345	11.324	(1.000)	1028009	50.0000		
79 Chlorobenzene	112	11.380	11.360	(1.003)	404989	17.8350	1700	
80 1,1,1,2-Tetrachloroethane	131	11.445	11.432	(1.009)	228770	17.5671	1700	
81 Ethylbenzene	106	11.463	11.450	(1.010)	157363	17.6964	1700	
82 m+p-Xylene	106	11.572	11.561	(1.020)	423859	36.8916	3600	
84 o-Xylene	106	11.992	11.984	(1.057)	205271	18.1705	1800	
85 Styrene	104	12.010	11.993	(1.059)	379073	18.3167	1800	
83 Butyl Acrylate	73	11.892	11.878	(1.048)	173390	19.6812	1900	
86 Bromoform	173	12.244	12.229	(1.079)	209596	17.8049	1700	
87 Amyl Acetate	43	12.111	12.094	(0.879)	370694	27.9123	2700(R)	
88 Isopropylbenzene	105	12.354	12.339	(1.089)	498095	18.6294	1800	
\$ 89 Bromofluorobenzene (SUR)	174	12.547	12.521	(0.911)	465270	48.7964	4700	
90 Camphene (total)	41	12.648	12.631	(1.115)	65825	29.5017	2800(R)	
91 Bromobenzene	156	12.720	12.703	(0.923)	207377	17.6608	1700	
92 1,1,2,2-Tetrachloroethane	83	12.675	12.649	(0.920)	299254	17.1131	1600(R)	
93 1,2,3-Trichloropropane	110	12.729	12.722	(0.924)	69418	16.5999	1600	
94 trans-1,4-Dichloro-2-butene	53	12.720	12.703	(0.923)	66926	21.9595	2100	
95 n-Propylbenzene	91	12.775	12.758	(0.927)	559332	18.1930	1800	
96 2-Chlorotoluene	91	12.903	12.885	(0.937)	344880	17.0304	1600	
97 1,3,5-Trimethylbenzene	105	12.940	12.931	(0.939)	373550	17.4581	1700	
98 4-Chlorotoluene	91	13.011	12.986	(0.944)	495216	18.1466	1800	
99 Butyl Methacrylate	87	12.977	12.959	(0.942)	310061	19.7420	1900	
100 tert-Butylbenzene	119	13.303	13.285	(0.966)	367271	17.6914	1700	
101 1,2,4-Trimethylbenzene	105	13.347	13.330	(0.969)	395610	17.7314	1700	
102 2-Octanone	43	13.402	13.385	(0.973)	352348	20.3703	2000	
103 sec-Butylbenzene	105	13.539	13.522	(0.983)	496174	18.2926	1800	
104 2-Octanol	45	13.448	13.431	(0.976)	137223	31.3038	3000(R)	
105 1,3-Dichlorobenzene	146	13.712	13.695	(0.995)	262453	17.9691	1700	
107 p-Isopropyltoluene	119	13.676	13.658	(0.993)	384921	18.4225	1800	
* 108 1,4-Dichlorobenzene-d4	152	13.777	13.759	(1.000)	471349	50.0000		
109 1,4-Dichlorobenzene	146	13.813	13.787	(1.003)	346937	18.2619	1800	
110 Benzyl Chloride	91	13.951	13.931	(1.013)	286749	16.6978	1600	
106 n-Butylbenzene	91	14.141	14.121	(1.026)	355229	18.5736	1800	
111 1,2-Dichlorobenzene	146	14.257	14.236	(1.035)	279437	17.0321	1600	
112 1,2-Dibromo-3-chloropropane	75	15.234	15.200	(1.106)	55247	18.4752	1800	
113 Camphor	95	16.280	16.253	(1.182)	109197	96.6563	9300	
114 1,2,4-Trichlorobenzene	180	16.408	16.390	(1.191)	159644	24.1258	2300	
115 Hexachlorobutadiene	225	16.618	16.600	(1.206)	126273	17.4007	1700	
116 Naphthalene	128	16.866	16.837	(1.224)	238994	24.3358	2400	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
117 1,2,3-Trichlorobenzene	180	17.275	17.268	(1.254)	132598	24.3209	2400	
M 120 1,2-Dichloroethene (Total)	100				384524	33.8351	3300	
M 121 Xylene (Total)	100				629131	55.0621	5300	

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

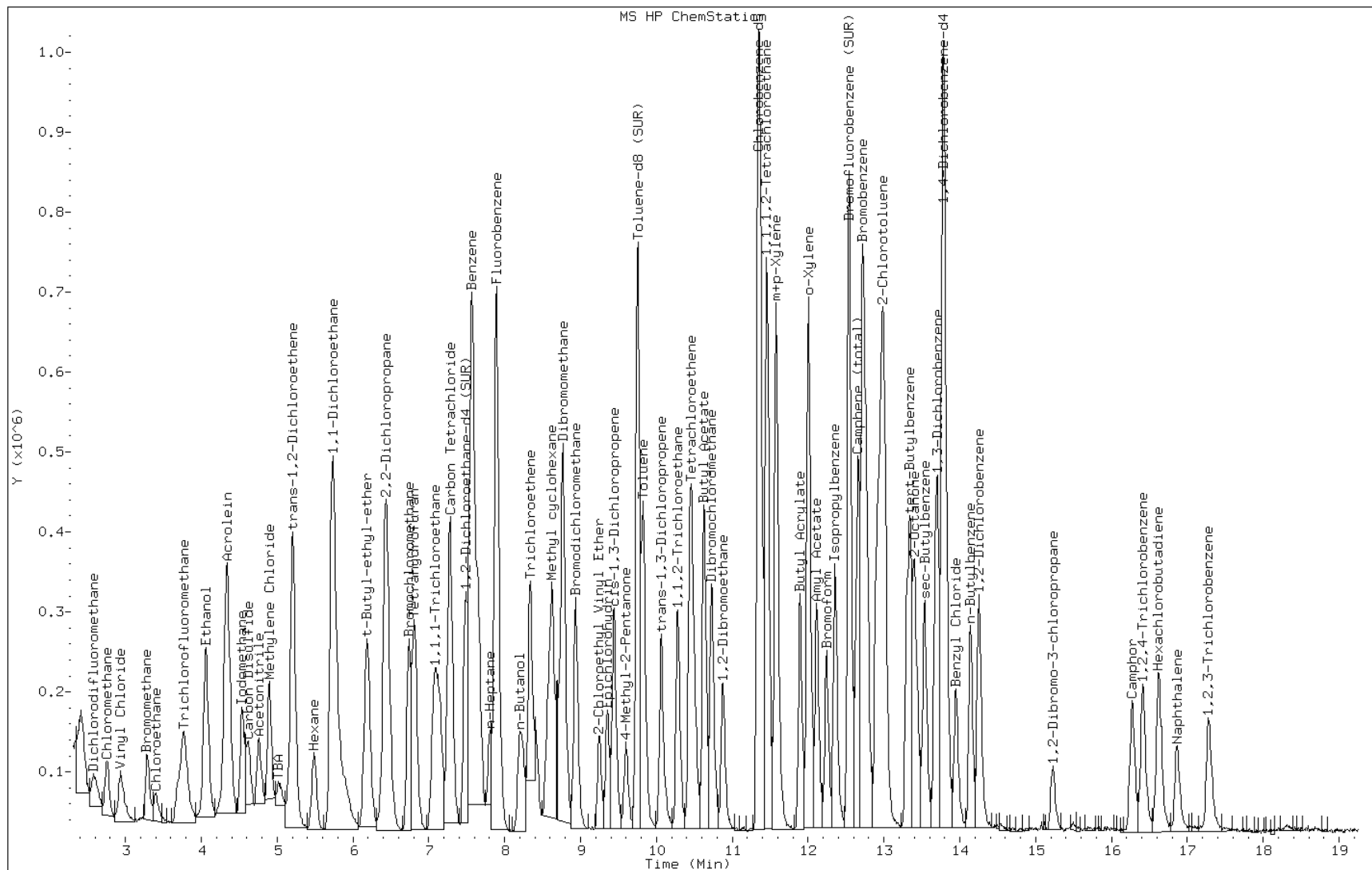
Data File: j04575.d

Date: 13-OCT-2011 14:02

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-32125-B-1-AMSD;50;;12.93;25 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/12/2011 01:08Analysis Batch Number: 89267 End Date: 10/12/2011 10:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89267/1		10/12/2011 01:08	1	j04488.d	DB-624 0.53 (mm)
IC 460-89267/2		10/12/2011 01:51	1	j04490.d	DB-624 0.53 (mm)
IC 460-89267/3		10/12/2011 02:17	1	j04491.d	DB-624 0.53 (mm)
ICIS 460-89267/4		10/12/2011 02:42	1	j04492.d	DB-624 0.53 (mm)
IC 460-89267/5		10/12/2011 03:07	1	j04493.d	DB-624 0.53 (mm)
IC 460-89267/6		10/12/2011 03:32	1	j04494.d	DB-624 0.53 (mm)
IC 460-89267/7		10/12/2011 03:56	1	j04495.d	DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:02	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:52	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:20	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:45	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:10	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:35	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:00	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:25	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:50	10		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 10:15	10		DB-624 0.53 (mm)
CCV 460-89267/18		10/12/2011 10:40	1		DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/13/2011 03:29

Analysis Batch Number: 89343 End Date: 10/13/2011 15:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89343/1		10/13/2011 03:29	1	j04550.d	DB-624 0.53 (mm)
CCVIS 460-89343/2		10/13/2011 04:24	1	j04552.d	DB-624 0.53 (mm)
LCS 460-89343/3		10/13/2011 04:49	50	j04553.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 05:14	50		DB-624 0.53 (mm)
MB 460-89343/4		10/13/2011 06:04	50	j04556.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 06:32	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 06:57	50		DB-624 0.53 (mm)
460-32125-9	TB-17338-100511-MM-14 8	10/13/2011 07:22	50	j04559.d	DB-624 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/13/2011 07:47	50	j04560.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 08:12	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 08:37	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 09:02	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 09:27	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 09:52	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 10:17	50		DB-624 0.53 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/13/2011 10:42	50	j04567.d	DB-624 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/13/2011 11:07	50	j04568.d	DB-624 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/13/2011 11:32	50	j04569.d	DB-624 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/13/2011 11:57	50	j04570.d	DB-624 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/13/2011 12:22	50	j04571.d	DB-624 0.53 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/13/2011 12:47	50	j04572.d	DB-624 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/13/2011 13:12	50	j04573.d	DB-624 0.53 (mm)
460-32125-1 MS	SO-17338-100511-MM-14 0 MS	10/13/2011 13:37	50	j04574.d	DB-624 0.53 (mm)
460-32125-1 MSD	SO-17338-100511-MM-14 0 MSD	10/13/2011 14:02	50	j04575.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 14:27	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 14:52	50		DB-624 0.53 (mm)
CCV 460-89343/26		10/13/2011 15:41	1	j04579.d	DB-624 0.53 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89121 Batch Start Date: 10/11/11 17:42 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 10/11/11 18:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00031	
460-32125-B-1	SO-17338-100511-MM-140	5035, 8260B	T	46 g	58.93 g	12.93 g	25 mL	25 mL	
460-32125-B-2	SO-17338-100511-MM-141	5035, 8260B	T	46 g	60.01 g	14.01 g	25 mL	25 mL	
460-32125-B-3	SO-17338-100511-MM-142	5035, 8260B	T	45.9 g	66.10 g	20.2 g	25 mL	25 mL	
460-32125-B-4	SO-17338-100511-MM-143	5035, 8260B	T	45.7 g	53.39 g	7.69 g	25 mL	25 mL	
460-32125-B-5	SO-17338-100511-MM-144	5035, 8260B	T	46.2 g	63.19 g	16.99 g	25 mL	25 mL	
460-32125-B-6	SO-17338-100511-MM-145	5035, 8260B	T	46 g	61.48 g	15.48 g	25 mL	25 mL	
460-32125-B-7	SO-17338-100511-MM-146	5035, 8260B	T	46 g	60.76 g	14.76 g	25 mL	25 mL	
460-32125-B-8	FB-17338-100511-MM-147	5035, 8260B	T	45.7 g	57.73 g	12.03 g	25 mL	25 mL	
460-32125-B-9	TB-17338-100511-MM-148	5035, 8260B	T			10 g	25 mL	25 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
10/12/11	0108j04488.d	2	BFB		0	0	1			8260 HIGH	C
10/12/11	0126j04489.d	1	IC-VMCAL1		5	10	1			8260 IS SURR 500: 1199132	(N.U.)
10/12/11	0151j04490.d	2	IC-VMCAL1		5	10	1			SURR 250: 1105734 GAS 500: 11977307	C
10/12/11	0217j04491.d	3	IC-VMCAL2		5	10	1			MIX 500: 1183783 MIX 250: 1183804	C
10/12/11	0242j04492.d	4	ICIS-VMCAL3		5	10	1			MIX 250: 1183790 GAS 500: 1183792	C
10/12/11	0307j04493.d	5	IC-VMCAL4		5	10	1			GAS 500: 1183798 MIX 500: 1183794	C
10/12/11	0332j04494.d	6	IC-VMCAL5		5	10	1			MIX 500: 1183791 GAS 500: 1183793	C
10/12/11	0356j04495.d	7	IC-VMCAL6		5	10	1			MIX 500: 1183796	C
10/12/11	0421j04496.d	8	BLK		5	0	1			1183802	NA 90
10/12/11	0446j04497.d	9	BLK		5	0	1			MIX 500: 1183794	NA
10/12/11	0511j04498.d	10	BLK		5	0	1			MIX 500: 1183794	NA
10/12/11	0537j04499.d	11	ICV		5	0	1			1183794	C
10/12/11	0602j04500.d	12	ICV		5	0	1				C
10/12/11	0627j04501.d	13	MB		5	0	1				NA 90

89267
89164
MIX 10/12/11

10X → 5ml → 50ml FV.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/12/11	0652 j04502.d	14	MB		5	0	1	all	-		6
10/12/11	0720 j04503.d	15	460-31992-A-7	Trip Blank	5	0	1	all	42		6
10/12/11	0745 j04504.d	16	460-32076-A-1	SMW-74	5	0	1	all	42		6
10/12/11	0810 j04505.d	17	460-31992-A-1	MM-13	5	0	1	all	42		6
10/12/11	0835 j04506.d	18	460-31992-A-2	MM-17	5	0	1	all	42		6
10/12/11	0900 j04507.d	19	460-31992-A-3	MM-20	5	0	1	all	42		6
10/12/11	0925 j04508.d	20	460-31992-A-4	MM-24	5	0	1	all	42		6
10/12/11	0950 j04509.d	21	460-32076-A-1 MS		5	0	10	all	42		6
10/12/11	1015 j04510.d	22	460-32076-A-1 MSD		5	0	10	all	42		6
10/12/11	1040 j04511.d	23	CCV		5	0	1	all	-		6

Signed: Adelberto & Ken B. Read and Understood by: A. J. J. J. J.

Date: 10/12/11.

Date: 10/12/11.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.1
Analytical Batch: /chem/VOAMS8.1/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/13/11 0329	j04550.d	2	BFB		0	0	1			8260 HIGH	
10/13/11 0359	j04551.d	1	CCVIS		5	10	1			8260 IS- SURR 500: 1199132	NA
10/13/11 0424	j04552.d	2	CCVIS		5	10	1			SURR 250: 1165734 GAS 500: 1193707 IND 500: 1183783 IND 500: 1183804	
10/13/11 0449	j04553.d	3	LCS		5	10	50			1183790 GAS 500: 1183792 IND 500: 1183793	
10/13/11 0514	j04554.d	4	LCSD		5	10	50			1183794 IND 500: 1183795	
10/13/11 0539	j04555.d	5	MB		5	10	50			1183796 GAS 500: 1183797 IND 500: 1183798	NA 40
10/13/11 0604	j04556.d	6	MB		5	10	50			1183799 GAS 500: 1183800 IND 500: 1183801	
10/13/11 0632	j04557.d	7	460-32128-B-13-A	FB-17338-100411-MM-	10.77	25	50			1183802 GAS 500: 1183803 IND 500: 1183804	
10/13/11 0657	j04558.d	8	460-32128-C-14-A	TB-17338-100411-MM-	10.61	25	50			1183805 GAS 500: 1183806 IND 500: 1183807	
10/13/11 0722	j04559.d	9	460-32125-B-9-A	TB-17338-100511-MM-	10	25	50			1183808 GAS 500: 1183809 IND 500: 1183810	
10/13/11 0747	j04560.d	10	460-32125-B-8-A	FB-17338-100511-MM-	12.03	25	50			1183811 GAS 500: 1183812 IND 500: 1183813	
10/13/11 0812	j04561.d	11	460-32001-B-12-A	SO-17338-092911-MM-	16.57	25	50			51145 GAS 500: 1183814 IND 500: 1183815	
10/13/11 0837	j04562.d	12	460-32128-B-6-A	SO-17338-100411-MM-	16.92	25	50			1183816 GAS 500: 1183817 IND 500: 1183818	
10/13/11 0902	j04563.d	13	460-32128-B-7-A	SO-17338-100411-MM-	18.46	25	50			1183819 GAS 500: 1183820 IND 500: 1183821	

89343

50X -> 1ml -> 50ml FC.

100X -> 0.5ml -> 50ml FC.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD IOT	COMMENTS
10/13/11 0927	j04564.d	14	460-32220-B-1-A	C-1 GRAB	10.59	25	50	all			
10/13/11 0952	j04565.d	15	460-32220-B-2-A	C-2 GRAB	10.46	25	50	all			
10/13/11 1017	j04566.d	16	460-32220-B-3-A	C-3 GRAB	10.2	25	50	all			
10/13/11 1042	j04567.d	17	460-32125-B-1-A	SO-17338-100511-MM-	12.93	25	50	all			
10/13/11 1107	j04568.d	18	460-32125-B-2-A	SO-17338-100511-MM-	14.01	25	50	all			
10/13/11 1132	j04569.d	19	460-32125-B-3-A	SO-17338-100511-MM-	20.2	25	50	all			
10/13/11 1157	j04570.d	20	460-32125-B-4-A	SO-17338-100511-MM-	7.69	25	50	all			
10/13/11 1222	j04571.d	21	460-32125-B-5-A	SO-17338-100511-MM-	16.99	25	50	all			
10/13/11 1247	j04572.d	22	460-32125-B-6-A	SO-17338-100511-MM-	15.48	25	50	all			
10/13/11 1312	j04573.d	23	460-32125-B-7-A	SO-17338-100511-MM-	14.76	25	50	all			
10/13/11 1337	j04574.d	24	460-32125-B-1-AMS		12.93	25	50	all			
10/13/11 1402	j04575.d	25	460-32125-B-1-AMSD		12.93	25	50	all			
10/13/11 1427	j04576.d	26	460-32220-B-1-AMS		10.59	25	50	all			
10/13/11 1452	j04577.d	27	460-32220-B-1-AMSD		10.59	25	50	all			

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/13/11	1517j04578.d	28	CCV		5	10	1	all			NG.
10/13/11	1541j04579.d	29	CCV		5	10	1	all			G

Signed: A. Spayd Read and Understood by: Dan Walsh Read

Date: 10/13/11.

Date: 10/14/11

Method 8270 DEL

Semivolatile Organics (GC/MS) by
Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SO-17338-100511-MM-140	460-32125-1	70	69	79	76	77	87
SO-17338-100511-MM-141	460-32125-2	72	72	76	77	83	92
SO-17338-100511-MM-142	460-32125-3	71	69	79	78	75	81
SO-17338-100511-MM-143	460-32125-4	0 D	0 D	0 D	0 D	0 D	0 D
SO-17338-100511-MM-144	460-32125-5	84	81	79	82	63	74
SO-17338-100511-MM-145	460-32125-6	71	66	80	81	65	72
SO-17338-100511-MM-146	460-32125-7	68	67	85	85	77	72
FB-17338-100511-MM-147	460-32125-8	75	74	81	79	79	82
	MB 460-88819/1-A	72	73	74	71	75	77
	LCS 460-88819/2-A	68	67	77	77	78	73
	460-32001-D-7-G MS	69	70	79	84	87	80
	460-32001-D-7-H MSD	66	66	82	83	87	72

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10766.d
Lab ID: LCS 460-88819/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	3650	109	10-160	
Phenol	6370	4690	74	54-115	
Bis (2-chloroethyl) ether	3330	2550	76	44-101	
2-Chlorophenol	6410	4910	77	56-110	
2-Methylphenol	6420	4960	77	54-117	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45-102	
Acetophenone	3340	2470	74	40-95	
4-Methylphenol	6420	4260	66	47-103	
N-Nitrosodi-n-propylamine	3330	2590	78	42-107	
Hexachloroethane	3330	2550	77	45-90	
Nitrobenzene	3330	2590	78	42-106	
Isophorone	3330	2640	79	48-97	
2-Nitrophenol	6440	5360	83	55-101	
2,4-Dimethylphenol	6410	5190	81	56-112	
Bis (2-chloroethoxy) methane	3330	2720	82	51-100	
2,4-Dichlorophenol	6450	5040	78	58-115	
Naphthalene	3330	2610	78	53-94	
4-Chloroaniline	3330	1830	55	10-96	
Hexachlorobutadiene	3330	2730	82	45-98	
Caprolactam	3340	2120	63	10-127	
4-Chloro-3-methylphenol	6440	5170	80	55-117	
2-Methylnaphthalene	3330	2650	80	51-98	
Hexachlorocyclopentadiene	3330	2340	70	24-98	
2,4,6-Trichlorophenol	6490	5380	83	53-118	
2,4,5-Trichlorophenol	6490	5340	82	50-115	
1,1'-Biphenyl	3340	2770	83	50-105	
2-Chloronaphthalene	3330	2640	79	51-102	
2-Nitroaniline	3330	2620	79	51-109	
Dimethyl phthalate	3330	2780	83	52-112	
2,6-Dinitrotoluene	3330	2760	83	51-115	
Acenaphthylene	3330	2580	77	51-103	
3-Nitroaniline	3330	1940	58	32-104	
Acenaphthene	3330	2750	83	46-100	
2,4-Dinitrophenol	6670	5910	89	10-129	
4-Nitrophenol	6670	5880	88	45-114	
Dibenzofuran	3330	2690	81	52-106	
2,4-Dinitrotoluene	3330	2770	83	53-110	
Diethyl phthalate	3330	2790	84	52-114	
Fluorene	3330	2720	82	51-108	
4-Chlorophenyl phenyl ether	3330	2770	83	50-106	
4-Nitroaniline	3330	2880	86	45-106	
4,6-Dinitro-2-methylphenol	6670	5680	85	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10766.d
 Lab ID: LCS 460-88819/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2780	83	49-106	
4-Bromophenyl phenyl ether	3330	2770	83	44-102	
Hexachlorobenzene	3330	2840	85	43-104	
Atrazine	3330	2350	71	30-100	
Pentachlorophenol	6670	5750	86	19-113	
Phenanthrene	3330	2800	84	48-108	
Anthracene	3330	2720	82	50-107	
Carbazole	3330	2770	83	49-104	
Di-n-butyl phthalate	3330	2860	86	50-108	
Fluoranthene	3330	2850	85	49-108	
Pyrene	3330	2480	74	49-116	
Butyl benzyl phthalate	3330	2680	80	49-117	
3,3'-Dichlorobenzidine	3330	2430	73	24-105	
Benzo[a]anthracene	3330	2750	82	46-112	
Chrysene	3330	2810	84	45-114	
Bis(2-ethylhexyl) phthalate	3330	2700	81	49-119	
Di-n-octyl phthalate	3330	2310	69	40-106	
Benzo[b]fluoranthene	3330	2670	80	33-96	
Benzo[k]fluoranthene	3330	2590	78	35-115	
Benzo[a]pyrene	3330	2570	77	36-89	
Indeno[1,2,3-cd]pyrene	3330	3050	92	43-109	
Dibenz(a,h)anthracene	3330	2870	86	43-107	
Benzo[g,h,i]perylene	3330	2880	86	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10780.d
Lab ID: 460-32001-D-7-G MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	4160	410 U	5180	125	10-160	
Phenol	7950	410 U	6120	77	54-115	
Bis (2-chloroethyl) ether	4160	41 U	3210	77	44-101	
2-Chlorophenol	7990	410 U	6240	78	56-110	
2-Methylphenol	8010	410 U	6610	82	54-117	
2,2'-oxybis[1-chloropropane]	4160	410 U	3240	78	45-102	
Acetophenone	4160	410 U	3240	78	40-95	
4-Methylphenol	8010	410 U	5740	72	47-103	
N-Nitrosodi-n-propylamine	4160	41 U	3550	85	42-107	
Hexachloroethane	4160	41 U	3100	74	45-90	
Nitrobenzene	4160	41 U	3280	79	42-106	
Isophorone	4160	410 U	3660	88	48-97	
2-Nitrophenol	8040	410 U	6870	85	55-101	
2,4-Dimethylphenol	8000	410 U	7040	88	56-112	
Bis (2-chloroethoxy) methane	4160	410 U	3620	87	51-100	
2,4-Dichlorophenol	8050	410 U	6970	87	58-115	
Naphthalene	4160	410 U	3310	79	53-94	
4-Chloroaniline	4160	410 U	2300	55	10-96	
Hexachlorobutadiene	4160	83 U	3370	81	45-98	
Caprolactam	4160	410 U	4750	114	10-127	
4-Chloro-3-methylphenol	8040	410 U	7770	97	55-117	
2-Methylnaphthalene	4160	410 U	3490	84	51-98	
Hexachlorocyclopentadiene	4160	410 U	1490	36	24-98	
2,4,6-Trichlorophenol	8100	410 U	7450	92	53-118	
2,4,5-Trichlorophenol	8100	410 U	7340	91	50-115	
1,1'-Biphenyl	4160	410 U	3720	89	50-105	
2-Chloronaphthalene	4160	410 U	3490	84	51-102	
2-Nitroaniline	4160	830 U	3590	86	51-109	
Dimethyl phthalate	4160	410 U	4220	101	52-112	
2,6-Dinitrotoluene	4160	83 U	4070	98	51-115	
Acenaphthylene	4160	410 U	3460	83	51-103	
3-Nitroaniline	4160	830 U	2960	71	32-104	
Acenaphthene	4160	410 U	3670	88	46-100	
2,4-Dinitrophenol	8320	1200 U	7300	88	10-129	
4-Nitrophenol	8320	1200 U	8620	104	45-114	
Dibenzofuran	4160	410 U	3670	88	52-106	
2,4-Dinitrotoluene	4160	83 U	4130	99	53-110	
Diethyl phthalate	4160	410 U	4220	102	52-114	
Fluorene	4160	410 U	3720	90	51-108	
4-Chlorophenyl phenyl ether	4160	410 U	3830	92	50-106	
4-Nitroaniline	4160	830 U	3940	95	45-106	
4,6-Dinitro-2-methylphenol	8320	1200 U	7560	91	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10780.d
 Lab ID: 460-32001-D-7-G MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	4160	410 U	3950	95	49-106	
4-Bromophenyl phenyl ether	4160	410 U	3790	91	44-102	
Hexachlorobenzene	4160	41 U	3800	91	43-104	
Atrazine	4160	410 U	3480	84	30-100	
Pentachlorophenol	8320	1200 U	7470	90	19-113	
Phenanthrene	4160	410 U	3770	91	48-108	
Anthracene	4160	410 U	3560	86	50-107	
Carbazole	4160	410 U	3760	90	49-104	
Di-n-butyl phthalate	4160	410 U	4200	101	50-108	
Fluoranthene	4160	410 U	3710	89	49-108	
Pyrene	4160	410 U	3290	79	49-116	
Butyl benzyl phthalate	4160	180 J	4090	94	49-117	
3,3'-Dichlorobenzidine	4160	830 U	3700	89	24-105	
Benzo[a]anthracene	4160	41 U	3740	90	46-112	
Chrysene	4160	410 U	3780	91	45-114	
Bis(2-ethylhexyl) phthalate	4160	120 J	3960	92	49-119	
Di-n-octyl phthalate	4160	410 U	3150	76	40-106	
Benzo[b]fluoranthene	4160	41 U	3450	83	33-96	
Benzo[k]fluoranthene	4160	41 U	3500	84	35-115	
Benzo[a]pyrene	4160	41 U	3510	84	36-89	
Indeno[1,2,3-cd]pyrene	4160	41 U	4780	115	43-109	F
Dibenz(a,h)anthracene	4160	41 U	4470	108	43-107	F
Benzo[g,h,i]perylene	4160	410 U	4800	115	43-106	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10781.d
Lab ID: 460-32001-D-7-H MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	4150	5120	123	1	30	10-160	
Phenol	7930	5630	71	8	30	54-115	
Bis (2-chloroethyl) ether	4150	3100	75	3	30	44-101	
2-Chlorophenol	7970	5890	74	6	30	56-110	
2-Methylphenol	7990	6050	76	9	30	54-117	
2,2'-oxybis[1-chloropropane]	4150	3300	80	2	30	45-102	
Acetophenone	4150	3150	76	3	30	40-95	
4-Methylphenol	7990	5180	65	10	30	47-103	
N-Nitrosodi-n-propylamine	4150	3430	83	3	30	42-107	
Hexachloroethane	4150	3190	77	3	30	45-90	
Nitrobenzene	4150	3300	80	0	30	42-106	
Isophorone	4150	3640	88	1	30	48-97	
2-Nitrophenol	8010	6910	86	1	30	55-101	
2,4-Dimethylphenol	7980	6610	83	6	30	56-112	
Bis (2-chloroethoxy) methane	4150	3580	86	1	30	51-100	
2,4-Dichlorophenol	8030	6620	82	5	30	58-115	
Naphthalene	4150	3320	80	0	30	53-94	
4-Chloroaniline	4150	2260	54	2	30	10-96	
Hexachlorobutadiene	4150	3540	85	5	30	45-98	
Caprolactam	4150	3600	87	27	30	10-127	
4-Chloro-3-methylphenol	8020	7220	90	7	30	55-117	
2-Methylnaphthalene	4150	3420	83	2	30	51-98	
Hexachlorocyclopentadiene	4150	1490	36	0	30	24-98	
2,4,6-Trichlorophenol	8080	7010	87	6	30	53-118	
2,4,5-Trichlorophenol	8080	7000	87	5	30	50-115	
1,1'-Biphenyl	4150	3640	88	2	30	50-105	
2-Chloronaphthalene	4150	3420	82	2	30	51-102	
2-Nitroaniline	4150	3970	96	10	30	51-109	
Dimethyl phthalate	4150	4060	98	4	30	52-112	
2,6-Dinitrotoluene	4150	3900	94	4	30	51-115	
Acenaphthylene	4150	3390	82	2	30	51-103	
3-Nitroaniline	4150	2940	71	1	30	32-104	
Acenaphthene	4150	3560	86	3	30	46-100	
2,4-Dinitrophenol	8300	6980	84	4	30	10-129	
4-Nitrophenol	8300	8240	99	5	30	45-114	
Dibenzofuran	4150	3520	85	4	30	52-106	
2,4-Dinitrotoluene	4150	4080	98	1	30	53-110	
Diethyl phthalate	4150	4110	99	3	30	52-114	
Fluorene	4150	3600	87	3	30	51-108	
4-Chlorophenyl phenyl ether	4150	3760	91	2	30	50-106	
4-Nitroaniline	4150	4000	96	1	30	45-106	
4,6-Dinitro-2-methylphenol	8300	7390	89	2	30	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10781.d
 Lab ID: 460-32001-D-7-H MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	4150	3700	89	7	30	49-106	
4-Bromophenyl phenyl ether	4150	3630	88	4	30	44-102	
Hexachlorobenzene	4150	3680	89	3	30	43-104	
Atrazine	4150	3420	83	2	30	30-100	
Pentachlorophenol	8300	7200	87	4	30	19-113	
Phenanthrene	4150	3650	88	3	30	48-108	
Anthracene	4150	3660	88	3	30	50-107	
Carbazole	4150	3820	92	2	30	49-104	
Di-n-butyl phthalate	4150	4150	100	1	30	50-108	
Fluoranthene	4150	3850	93	4	30	49-108	
Pyrene	4150	2950	71	11	30	49-116	
Butyl benzyl phthalate	4150	3610	83	12	30	49-117	
3,3'-Dichlorobenzidine	4150	3670	88	1	30	24-105	
Benzo[a]anthracene	4150	3550	86	5	30	46-112	
Chrysene	4150	3570	86	6	30	45-114	
Bis(2-ethylhexyl) phthalate	4150	3600	84	10	30	49-119	
Di-n-octyl phthalate	4150	2950	71	7	30	40-106	
Benzo[b]fluoranthene	4150	3340	81	3	30	33-96	
Benzo[k]fluoranthene	4150	3330	80	5	30	35-115	
Benzo[a]pyrene	4150	3400	82	3	30	36-89	
Indeno[1,2,3-cd]pyrene	4150	4510	109	6	30	43-109	
Dibenz(a,h)anthracene	4150	4240	102	5	30	43-107	
Benzo[g,h,i]perylene	4150	4670	112	3	30	43-106	F

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: z10765.d Lab Sample ID: MB 460-88819/1-A
Matrix: Solid Date Extracted: 10/08/2011 16:15
Instrument ID: BNAMS11 Date Analyzed: 10/13/2011 11:48
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-88819/2-A	z10766.d	10/13/2011 12:13
SO-17338-100511-MM-142	460-32125-3	z10768.d	10/13/2011 13:06
FB-17338-100511-MM-147	460-32125-8	z10769.d	10/13/2011 13:31
SO-17338-100511-MM-141	460-32125-2	z10774.d	10/13/2011 15:36
SO-17338-100511-MM-140	460-32125-1	z10775.d	10/13/2011 16:01
SO-17338-100511-MM-143	460-32125-4	z10777.d	10/13/2011 16:51
SO-17338-100511-MM-145	460-32125-6	z10778.d	10/13/2011 17:17
	460-32001-D-7-G MS	z10780.d	10/13/2011 18:07
	460-32001-D-7-H MSD	z10781.d	10/13/2011 18:32
SO-17338-100511-MM-146	460-32125-7	z10783.d	10/13/2011 19:22
SO-17338-100511-MM-144	460-32125-5	z10952.d	10/19/2011 02:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: z10237.d DFTPP Injection Date: 09/26/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:44
Analysis Batch No.: 87600

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	42.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	51.4
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	29.9
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	15.1
442	Greater than 40.0 % of mass 198	99.6
443	17.0 - 23.0 % of mass 442	19.3 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-87600/2	z10238.d	09/26/2011	10:59
	IC 460-87600/3	z10239.d	09/26/2011	11:35
	IC 460-87600/4	z10240.d	09/26/2011	12:00
	IC 460-87600/5	z10241.d	09/26/2011	12:25
	IC 460-87600/6	z10242.d	09/26/2011	12:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: z10762.d DFTPP Injection Date: 10/13/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:26
Analysis Batch No.: 89646

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	44.8
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.0
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	52.8
197	Less than 1.0 % of mass 198	0.6
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	29.0
365	Greater than 1.0 % of mass 198	4.7
441	Present but less than mass 443	12.8
442	Greater than 40.0 % of mass 198	88.3
443	17.0 - 23.0 % of mass 442	15.7 (17.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-89646/2	z10763.d	10/13/2011	10:42
	MB 460-88819/1-A	z10765.d	10/13/2011	11:48
	LCS 460-88819/2-A	z10766.d	10/13/2011	12:13
SO-17338-100511-MM-142	460-32125-3	z10768.d	10/13/2011	13:06
FB-17338-100511-MM-147	460-32125-8	z10769.d	10/13/2011	13:31
SO-17338-100511-MM-141	460-32125-2	z10774.d	10/13/2011	15:36
SO-17338-100511-MM-140	460-32125-1	z10775.d	10/13/2011	16:01
SO-17338-100511-MM-143	460-32125-4	z10777.d	10/13/2011	16:51
SO-17338-100511-MM-145	460-32125-6	z10778.d	10/13/2011	17:17
	460-32001-D-7-G MS	z10780.d	10/13/2011	18:07
	460-32001-D-7-H MSD	z10781.d	10/13/2011	18:32
SO-17338-100511-MM-146	460-32125-7	z10783.d	10/13/2011	19:22
	CCV 460-89647/1	z10786.d	10/13/2011	20:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: z10809.d DFTPP Injection Date: 10/14/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:52
Analysis Batch No.: 89677

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	48.4
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	45.3
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	53.5
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.3
275	10.0 - 30.0 % of mass 198	29.0
365	Greater than 1.0 % of mass 198	4.7
441	Present but less than mass 443	12.8
442	Greater than 40.0 % of mass 198	87.2
443	17.0 - 23.0 % of mass 442	16.0 (18.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-89677/2	z10810.d	10/14/2011	11:09
	IC 460-89677/3	z10811.d	10/14/2011	11:34
	IC 460-89677/4	z10812.d	10/14/2011	11:59
	IC 460-89677/5	z10813.d	10/14/2011	12:24
	IC 460-89677/6	z10814.d	10/14/2011	12:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab File ID: z10947.d DFTPP Injection Date: 10/19/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 00:14
Analysis Batch No.: 90073

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	43.7
68	Less than 2.0 % of mass 69	0.6 (1.5)1
69	Mass 69 relative abundance	41.7
70	Less than 2.0 % of mass 69	0.0 (0.0)1
127	40.0 - 60.0 % of mass 198	53.2
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.8
275	10.0 - 30.0 % of mass 198	28.1
365	Greater than 1.0 % of mass 198	4.7
441	Present but less than mass 443	13.6
442	Greater than 40.0 % of mass 198	89.9
443	17.0 - 23.0 % of mass 442	17.1 (19.1)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-90073/2	z10948.d	10/19/2011	00:37
SO-17338-100511-MM-144	460-32125-5	z10952.d	10/19/2011	02:19
	CCV 460-90074/1	z10953.d	10/19/2011	02:41

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVIS 460-89646/2 Date Analyzed: 10/13/2011 10:42
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10763.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		476196	3.45	1681586	4.76	723388	6.50
UPPER LIMIT		952392	3.95	3363172	5.26	1446776	7.00
LOWER LIMIT		238098	2.95	840793	4.26	361694	6.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-88819/1-A		604375	3.44	2327793	4.75	1126013	6.50
LCS 460-88819/2-A		546599	3.45	1881312	4.75	813419	6.50
460-32125-3	SO-17338-100511-MM-14 2	547056	3.44	1934745	4.74	854140	6.50
460-32125-8	FE-17338-100511-MM-14 7	564172	3.44	2024720	4.74	923859	6.50
460-32125-2	SO-17338-100511-MM-14 1	613425	3.44	2219208	4.74	1033921	6.50
460-32125-1	SO-17338-100511-MM-14 0	567106	3.45	2004109	4.74	925094	6.50
460-32125-4	SO-17338-100511-MM-14 3	325095	3.44	1063831	4.74	477025	6.49
460-32125-6	SO-17338-100511-MM-14 5	336014	3.44	1077903	4.74	466161	6.49
460-32001-D-7-G MS		471014	3.45	1620625	4.75	718121	6.50
460-32001-D-7-H MSD		388672	3.45	1274551	4.75	553056	6.50
460-32125-7	SO-17338-100511-MM-14 6	380672	3.44	1217948	4.74	519617	6.50

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVIS 460-89646/2 Date Analyzed: 10/13/2011 10:42
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10763.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		895105	7.94	467410	10.52	355594	12.17
UPPER LIMIT		1790210	8.44	934820	11.02	711188	12.67
LOWER LIMIT		447553	7.44	233705	10.02	177797	11.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-88819/1-A		1479546	7.94	774709	10.51	591538	12.17
LCS 460-88819/2-A		1001946	7.94	603882	10.52	528388	12.17
460-32125-3	SO-17338-100511-MM-14 2	1042660	7.93	551442	10.51	479527	12.17
460-32125-8	FE-17338-100511-MM-14 7	1129167	7.93	635165	10.51	536684	12.17
460-32125-2	SO-17338-100511-MM-14 1	1328725	7.93	613224	10.51	497134	12.17
460-32125-1	SO-17338-100511-MM-14 0	1154165	7.93	553434	10.51	481042	12.17
460-32125-4	SO-17338-100511-MM-14 3	633777	7.93	401625	10.52	394759	12.17
460-32125-6	SO-17338-100511-MM-14 5	571065	7.93	362414	10.52	393541	12.17
460-32001-D-7-G MS		884292	7.94	516290	10.52	504851	12.17
460-32001-D-7-H MSD		700722	7.94	489034	10.52	485382	12.17
460-32125-7	SO-17338-100511-MM-14 6	646393	7.93	448424	10.52	511352	12.17

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Sample No.: CCVIS 460-90073/2 Date Analyzed: 10/19/2011 00:37
Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): z10948.d Heated Purge: (Y/N) N
Calibration ID: 12678

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	584626	3.41	1956245	4.71	824835	6.46
UPPER LIMIT	1169252	3.91	3912490	5.21	1649670	6.96
LOWER LIMIT	292313	2.91	978123	4.21	412418	5.96
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-32125-5	SO-17338-100511-MM-14 4		681115	3.40	2312144	4.70
					925738	6.45

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Sample No.: CCVIS 460-90073/2 Date Analyzed: 10/19/2011 00:37
Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): z10948.d Heated Purge: (Y/N) N
Calibration ID: 12678

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	966052	7.89	461760	10.47	339381	12.11
UPPER LIMIT	1932104	8.39	923520	10.97	678762	12.61
LOWER LIMIT	483026	7.39	230880	9.97	169691	11.61
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-32125-5	SO-17338-100511-MM-14 4		958849	7.89	432627	10.47
					395647	12.11

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-140</u>	Lab Sample ID: <u>460-32125-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10775.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 10:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 16:01</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	400	U	400	25
108-95-2	Phenol	400	U	400	50
111-44-4	Bis(2-chloroethyl)ether	40	U	40	8.4
95-57-8	2-Chlorophenol	400	U	400	54
95-48-7	2-Methylphenol	400	U	400	58
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	53
98-86-2	Acetophenone	400	U	400	60
106-44-5	4-Methylphenol	400	U	400	66
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	5.3
67-72-1	Hexachloroethane	40	U	40	6.8
98-95-3	Nitrobenzene	40	U	40	9.0
78-59-1	Isophorone	400	U	400	46
88-75-5	2-Nitrophenol	400	U	400	67
105-67-9	2,4-Dimethylphenol	400	U	400	65
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	58
120-83-2	2,4-Dichlorophenol	400	U	400	65
91-20-3	Naphthalene	400	U	400	59
106-47-8	4-Chloroaniline	400	U	400	51
87-68-3	Hexachlorobutadiene	82	U	82	16
105-60-2	Caprolactam	400	U	400	56
59-50-7	4-Chloro-3-methylphenol	400	U	400	68
91-57-6	2-Methylnaphthalene	400	U	400	59
77-47-4	Hexachlorocyclopentadiene	400	U	400	120
88-06-2	2,4,6-Trichlorophenol	400	U	400	72
95-95-4	2,4,5-Trichlorophenol	400	U	400	78
92-52-4	1,1'-Biphenyl	400	U	400	67
91-58-7	2-Chloronaphthalene	400	U	400	57
88-74-4	2-Nitroaniline	820	U	820	110
131-11-3	Dimethyl phthalate	400	U	400	55
606-20-2	2,6-Dinitrotoluene	82	U	82	10
208-96-8	Acenaphthylene	400	U	400	58
99-09-2	3-Nitroaniline	820	U	820	91
83-32-9	Acenaphthene	400	U	400	58
51-28-5	2,4-Dinitrophenol	1200	U	1200	86

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-140</u>	Lab Sample ID: <u>460-32125-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10775.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 10:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 16:01</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
132-64-9	Dibenzofuran	400	U	400	61
121-14-2	2,4-Dinitrotoluene	82	U	82	12
84-66-2	Diethyl phthalate	400	U	400	54
86-73-7	Fluorene	400	U	400	68
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	70
100-01-6	4-Nitroaniline	820	U	820	83
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
86-30-6	N-Nitrosodiphenylamine	400	U	400	66
101-55-3	4-Bromophenyl phenyl ether	400	U	400	72
118-74-1	Hexachlorobenzene	40	U	40	5.6
1912-24-9	Atrazine	400	U	400	75
87-86-5	Pentachlorophenol	1200	U	1200	200
85-01-8	Phenanthrene	190	J	400	71
120-12-7	Anthracene	400	U	400	71
86-74-8	Carbazole	400	U	400	64
84-74-2	Di-n-butyl phthalate	400	U	400	62
206-44-0	Fluoranthene	400		400	67
129-00-0	Pyrene	330	J	400	70
85-68-7	Butyl benzyl phthalate	120	J	400	47
91-94-1	3,3'-Dichlorobenzidine	820	U	820	89
56-55-3	Benzo[a]anthracene	160		40	7.5
218-01-9	Chrysene	200	J	400	59
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	54
117-84-0	Di-n-octyl phthalate	400	U	400	48
205-99-2	Benzo[b]fluoranthene	200		40	6.0
207-08-9	Benzo[k]fluoranthene	100		40	5.7
50-32-8	Benzo[a]pyrene	160		40	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	110		40	6.5
53-70-3	Dibenz(a,h)anthracene	19	J	40	4.9
191-24-2	Benzo[g,h,i]perylene	110	J	400	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: z10775.d
Analysis Method: 8270C Date Collected: 10/05/2011 10:30
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 16:01
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-120
321-60-8	2-Fluorobiphenyl	76		40-109
367-12-4	2-Fluorophenol (Surr)	70		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	69		41-118
1718-51-0	Terphenyl-d14 (Surr)	87		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: z10775.d
Analysis Method: 8270C Date Collected: 10/05/2011 10:30
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 16:01
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10775.d
 Report Date: 15-Oct-2011 11:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10775.d
 Lab Smp Id: 460-32125-D-1-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 16:01
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-1-A
 Misc Info : 460-32125-D-1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	18.20276	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.249	2.214	(0.652)	1370248	70.1587	5700
\$ 17 Phenol-d5 (SUR)	99	3.120	3.132	(0.904)	1591094	69.2879	5600
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.449	(1.000)	567106	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.020	4.032	(0.847)	818282	39.4453	3200
* 80 Naphthalene-d8	136	4.743	4.755	(1.000)	2004109	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.900)	1276056	38.1717	3100
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	925094	40.0000	
47 Fluorene	166	7.026	7.037	(1.081)	2896	0.10211	8.3(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.273	(1.119)	307106	76.7340	6200
* 83 Phenanthrene-d10	188	7.931	7.937	(1.000)	1154165	40.0000	
52 Phenanthrene	178	7.955	7.961	(1.003)	75386	2.33165	190(a)
53 Anthracene	178	8.002	8.008	(1.009)	8188	0.24880	20(a)
54 Carbazole	167	8.173	8.178	(1.030)	7750	0.29596	24(a)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10775.d
 Report Date: 15-Oct-2011 11:04

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
56 Fluoranthene	202	9.108	9.114	(1.148)	128739	4.87347	400(a)
57 Pyrene	202	9.320	9.325	(0.886)	96411	4.08439	330(a)
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.904)	703282	43.6225	3600
59 Butylbenzylphthalate	149	9.996	10.002	(0.951)	14932	1.41488	120(a)
61 Benzo(a)anthracene	228	10.502	10.508	(0.999)	30900	1.91287	160
* 81 Chrysene-d12	240	10.514	10.519	(1.000)	553434	40.0000	
62 Chrysene	228	10.537	10.549	(1.002)	39858	2.50141	200(a)
65 Benzo(b)fluoranthene	252	11.708	11.714	(0.962)	35719	2.39405	200
66 Benzo(k)fluoranthene	252	11.731	11.743	(0.964)	18868	1.24519	100(MH)
67 Benzo(a)pyrene	252	12.090	12.096	(0.994)	23680	1.99519	160
* 84 Perylene-d12	264	12.166	12.166	(1.000)	481042	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.478	13.484	(1.108)	14678	1.40218	110
69 Dibenz(a,h)anthracene	278	13.508	13.519	(1.110)	2678	0.23728	19(a)
70 Benzo(g,h,i)perylene	276	13.796	13.807	(1.134)	15107	1.31000	110(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10775.d
Report Date: 15-Oct-2011 11:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10775.d
Lab Smp Id: 460-32125-D-1-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 16:01
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-32125-D-1-A
Misc Info : 460-32125-D-1-A
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10775.d

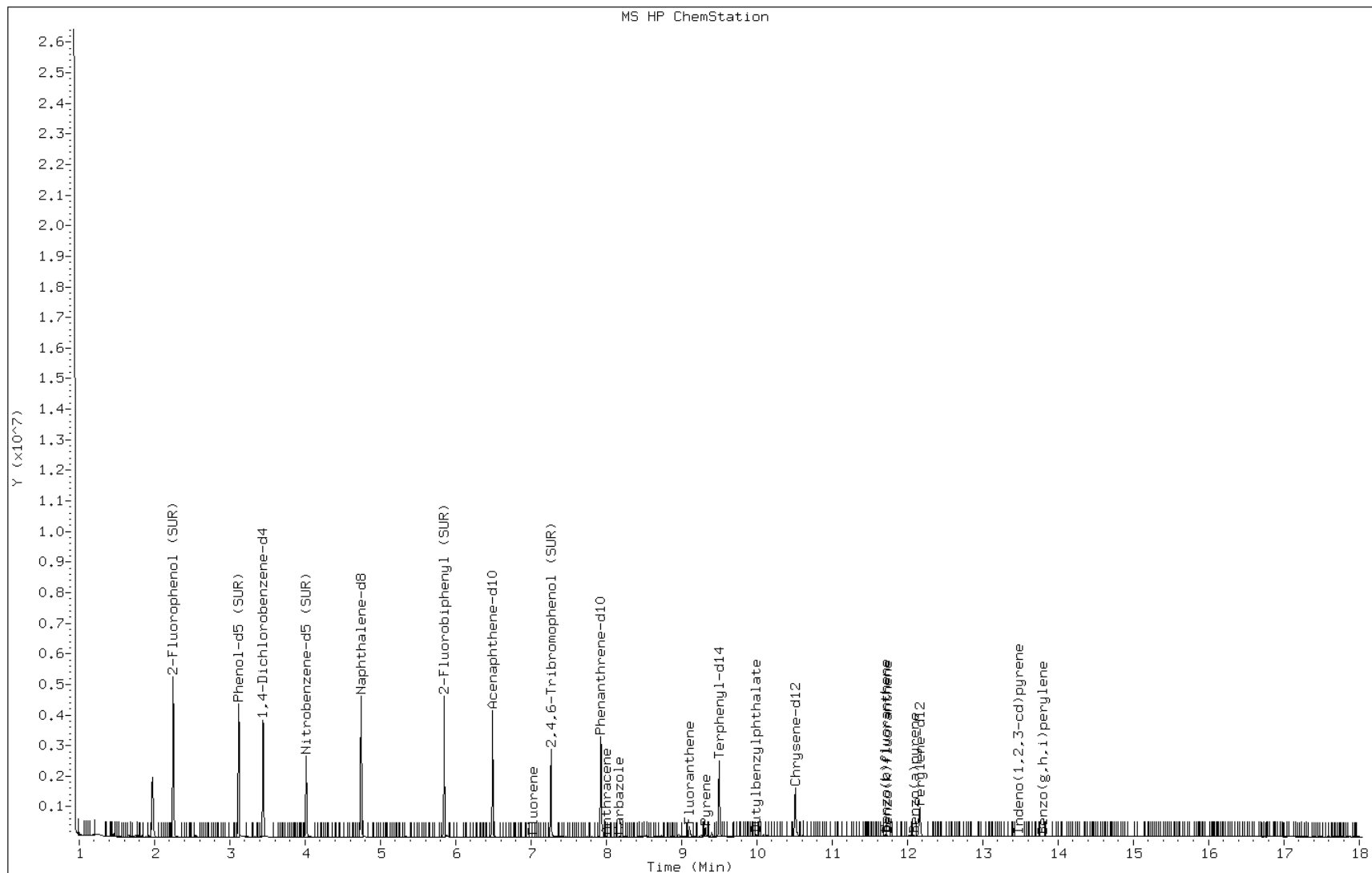
Date: 13-OCT-2011 16:01

Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4



Data File: z10775.d

Date: 13-OCT-2011 16:01

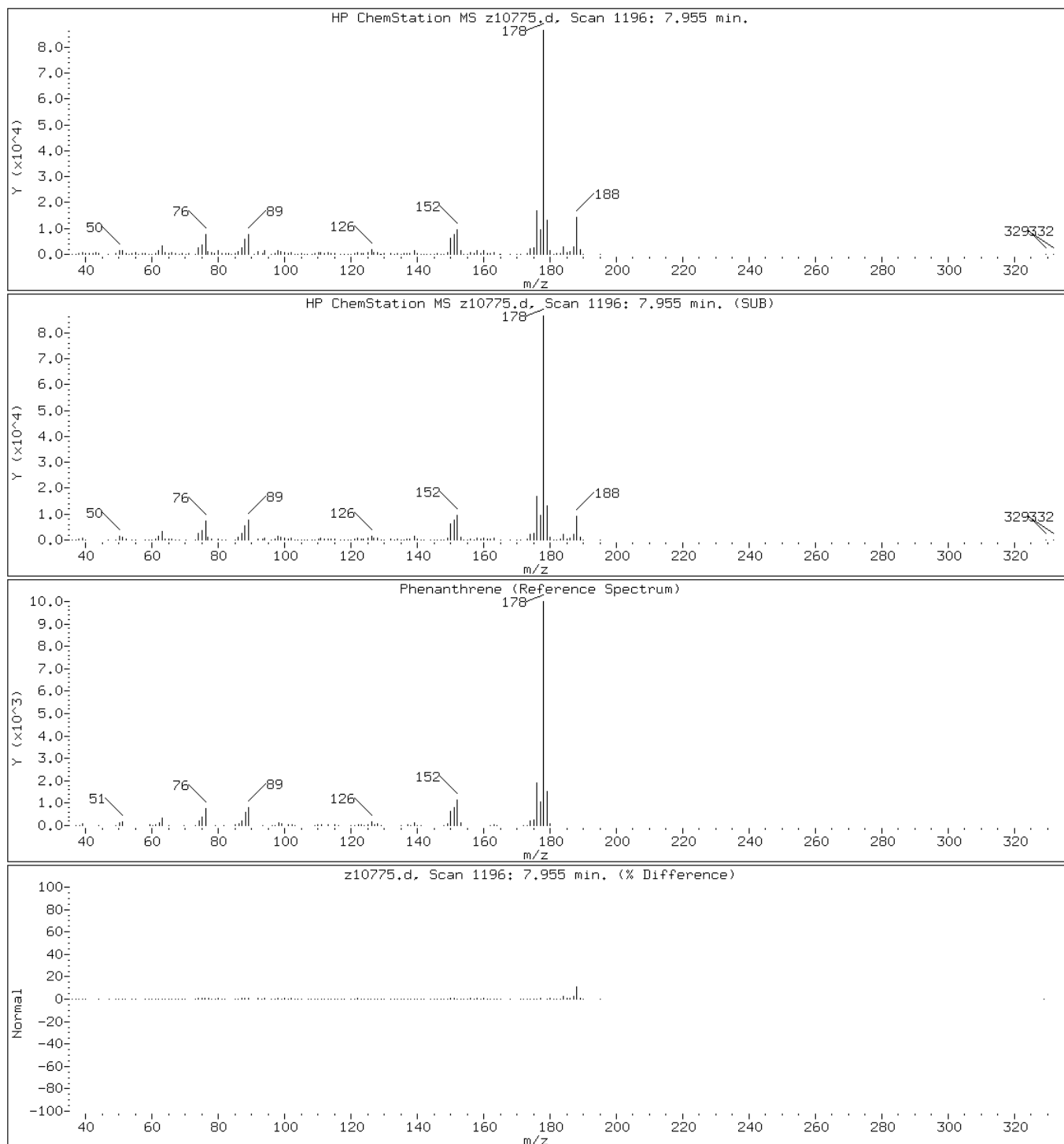
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10775.d

Date: 13-OCT-2011 16:01

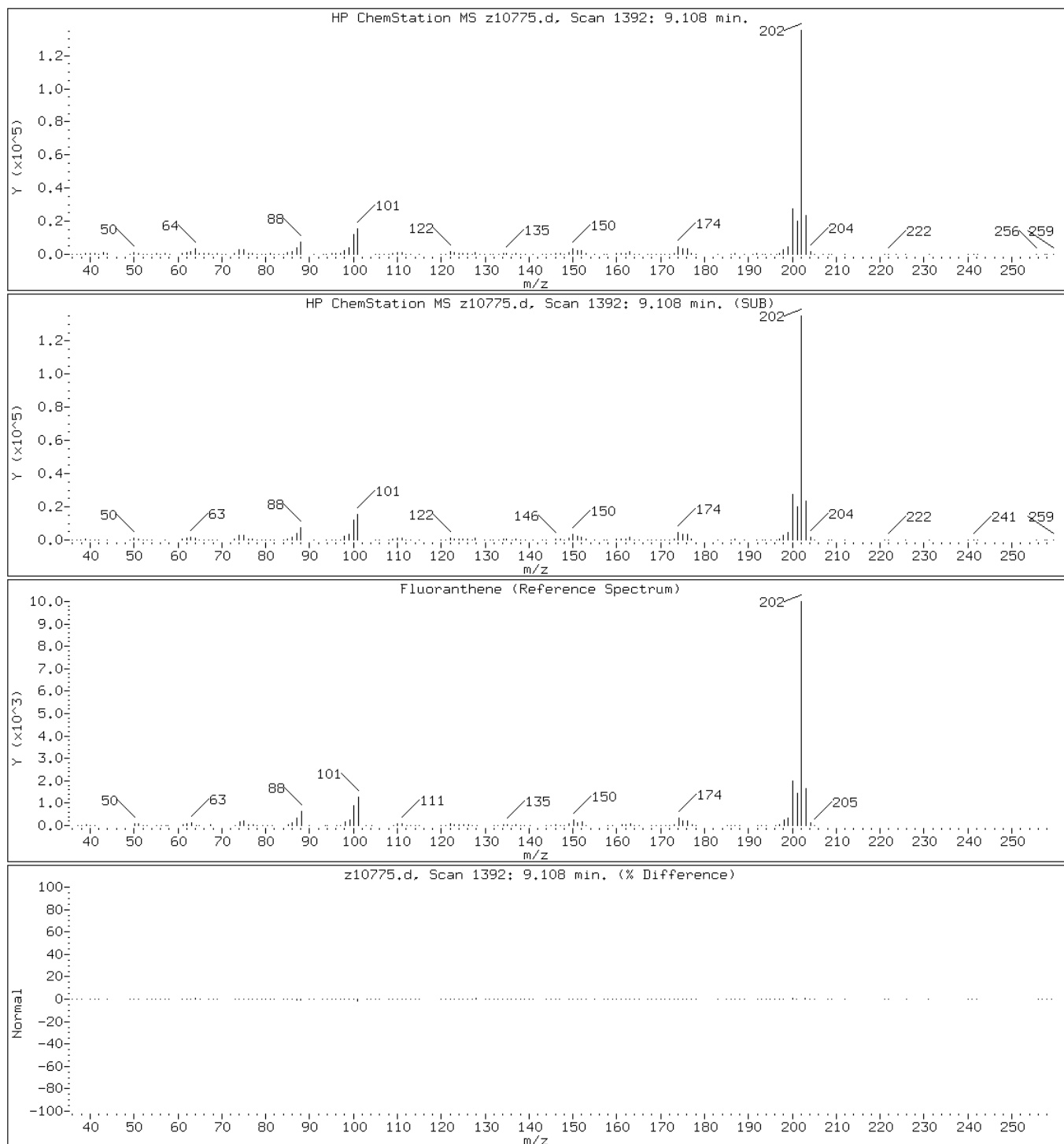
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10775.d

Date: 13-OCT-2011 16:01

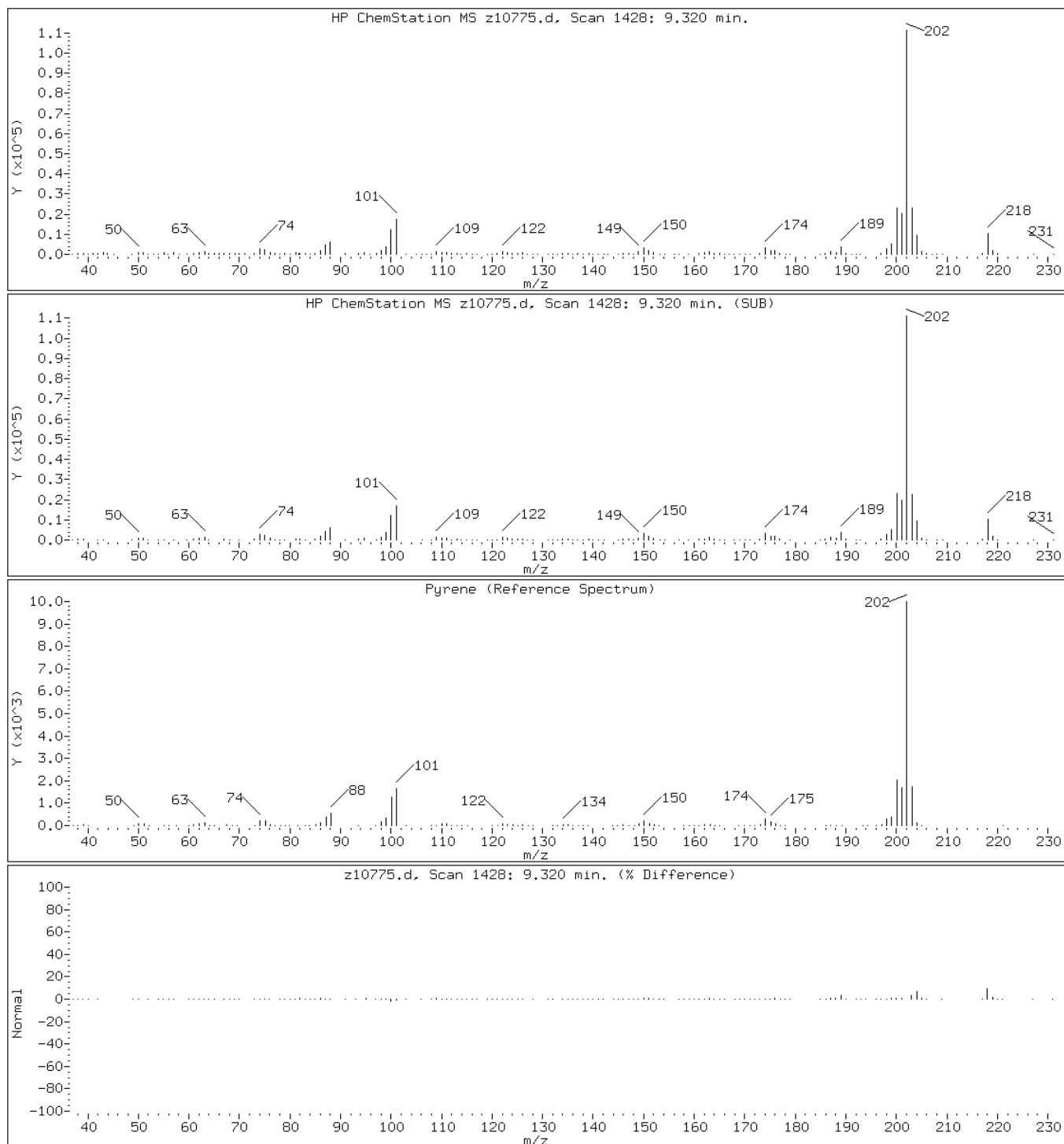
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

57 Pyrene



Data File: z10775.d

Date: 13-OCT-2011 16:01

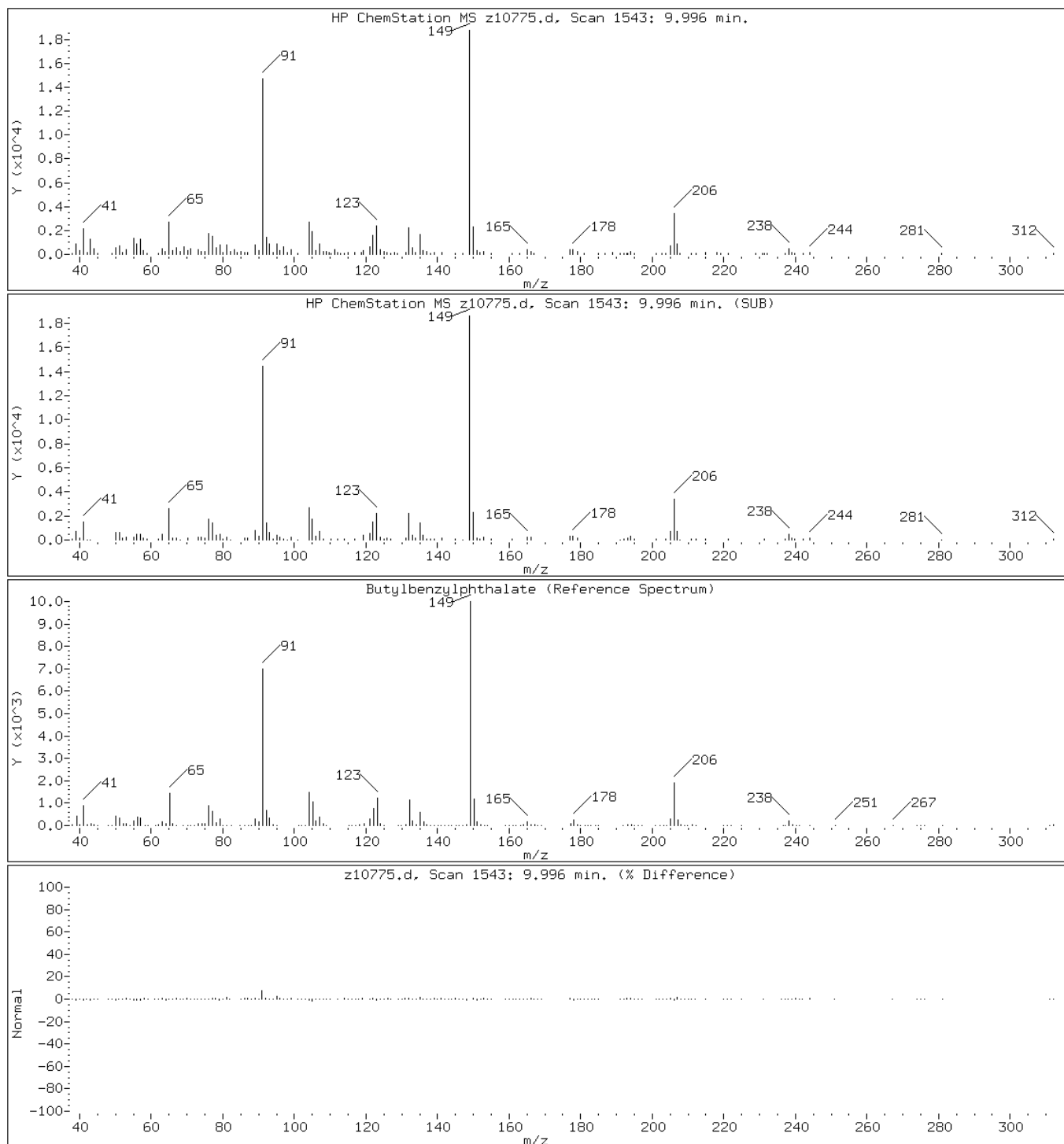
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

59 Butylbenzylphthalate



Data File: z10775.d

Date: 13-OCT-2011 16:01

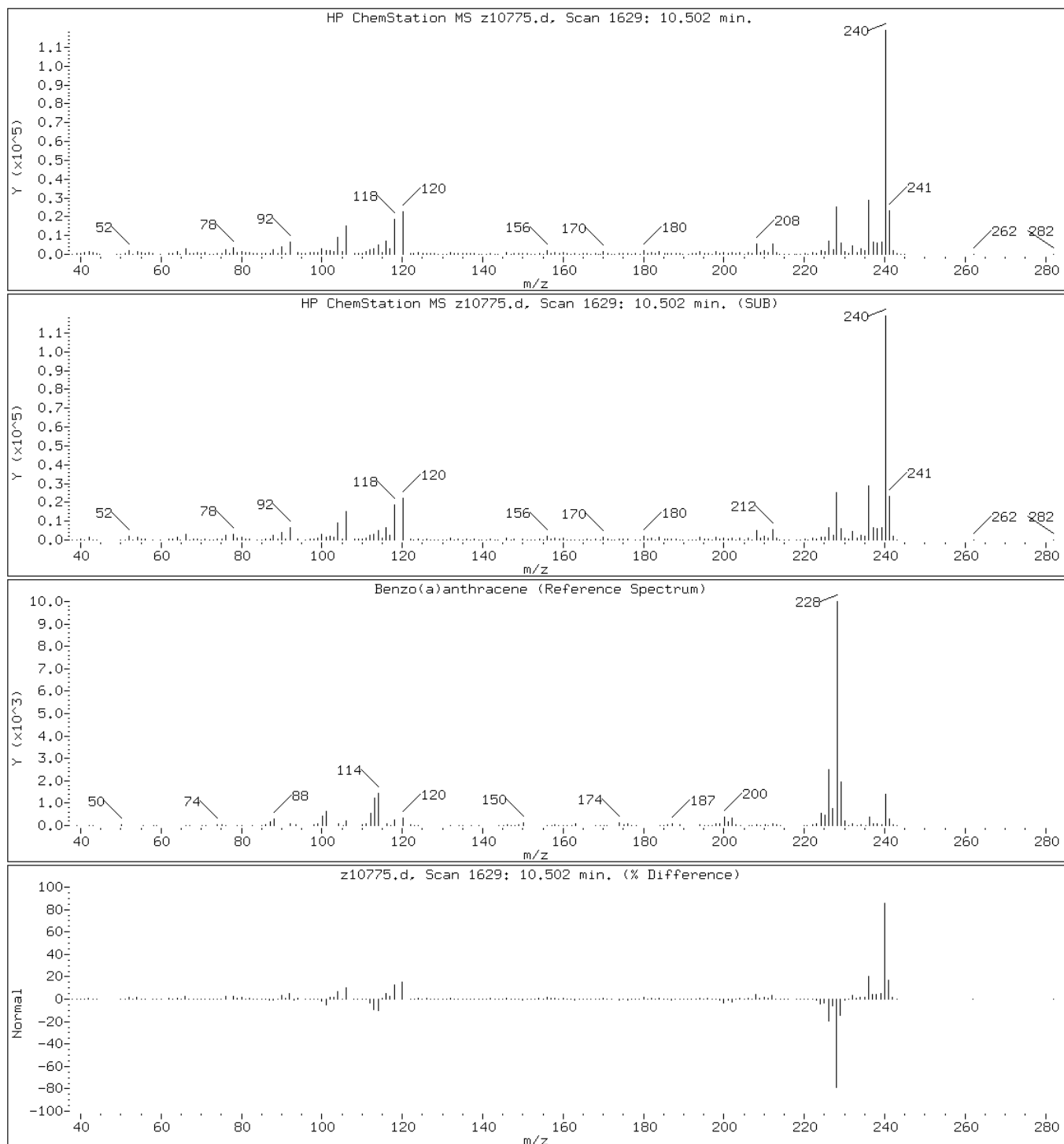
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10775.d

Date: 13-OCT-2011 16:01

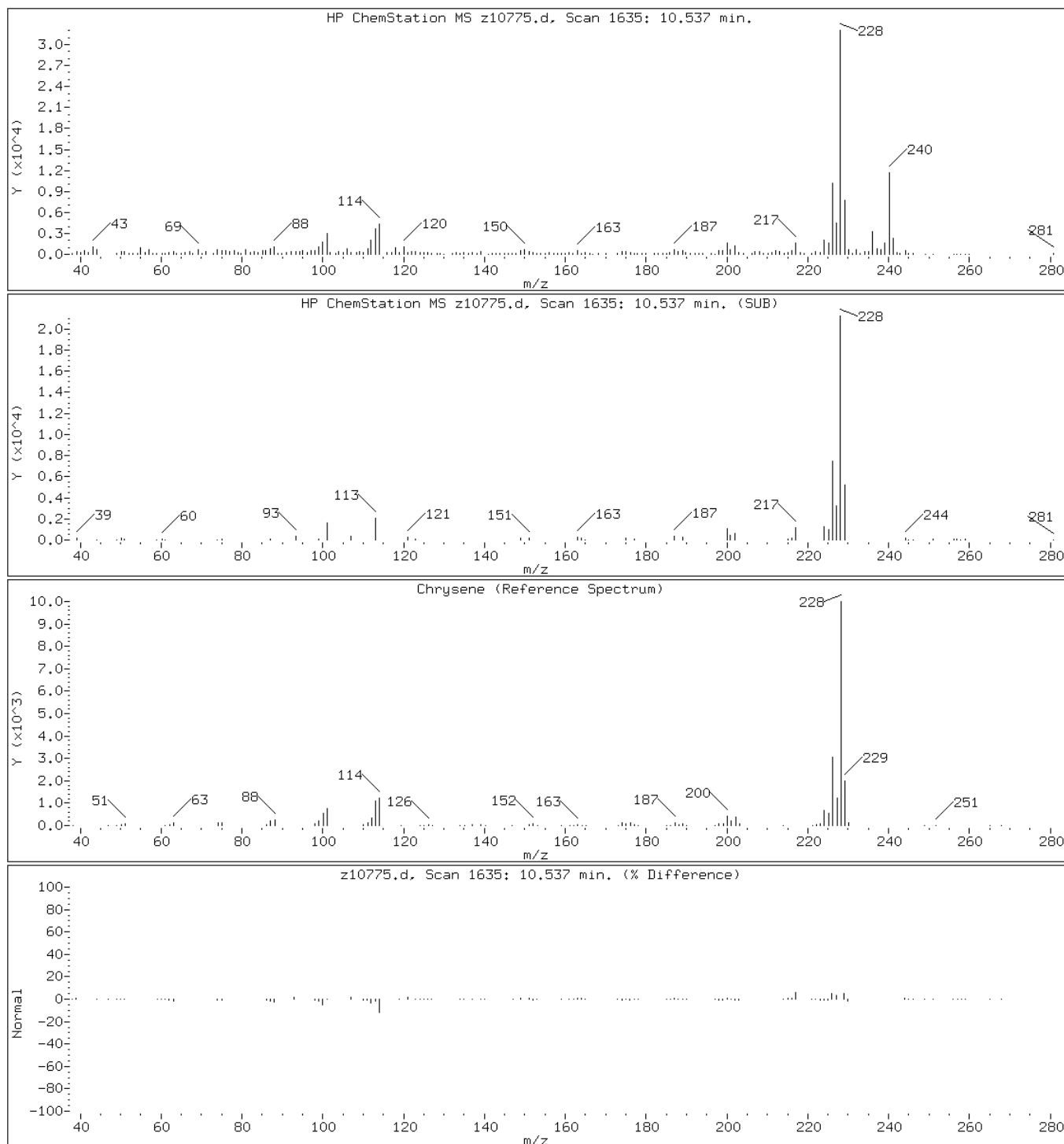
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

62 Chrysene



Data File: z10775.d

Date: 13-OCT-2011 16:01

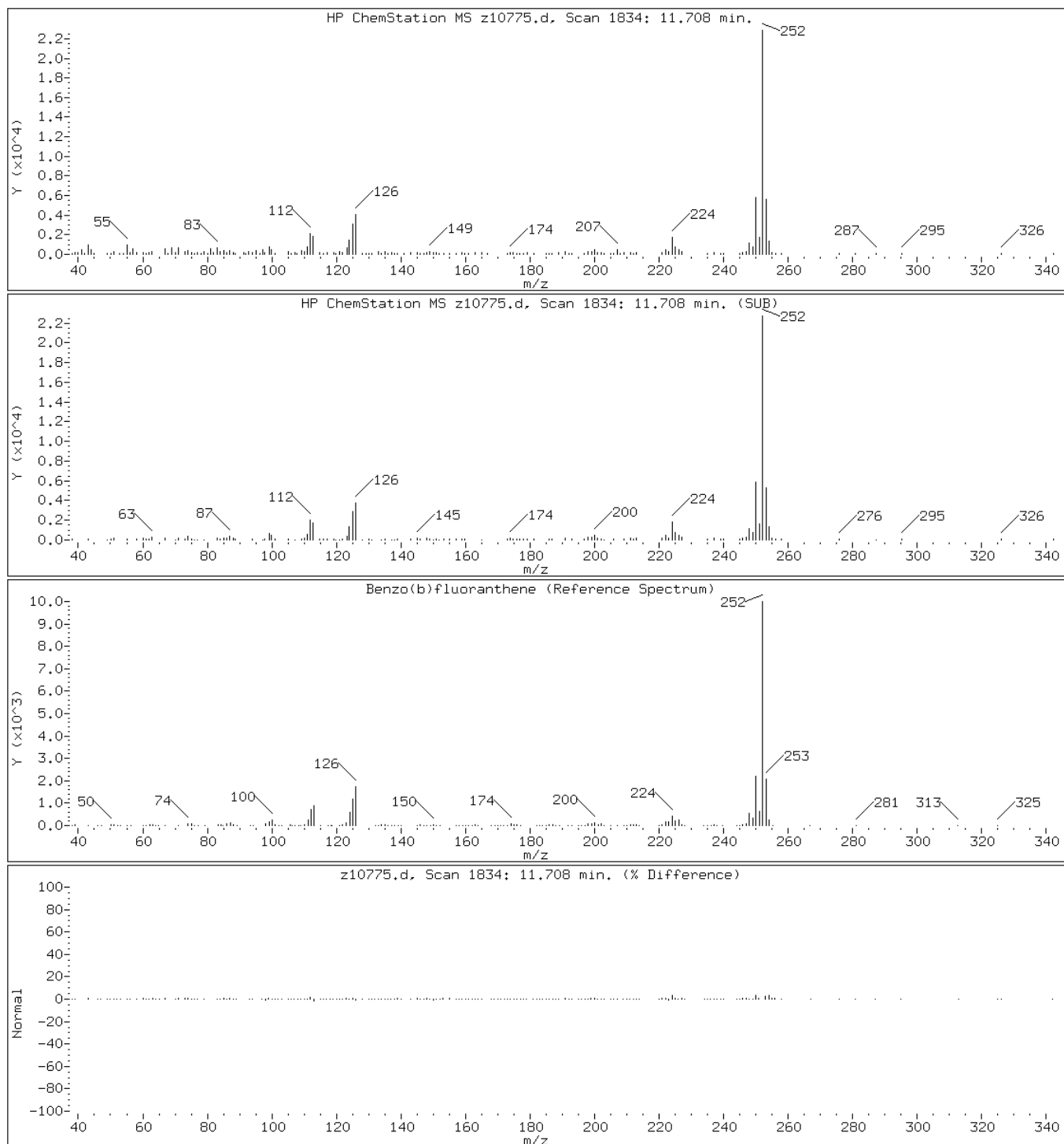
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10775.d

Date: 13-OCT-2011 16:01

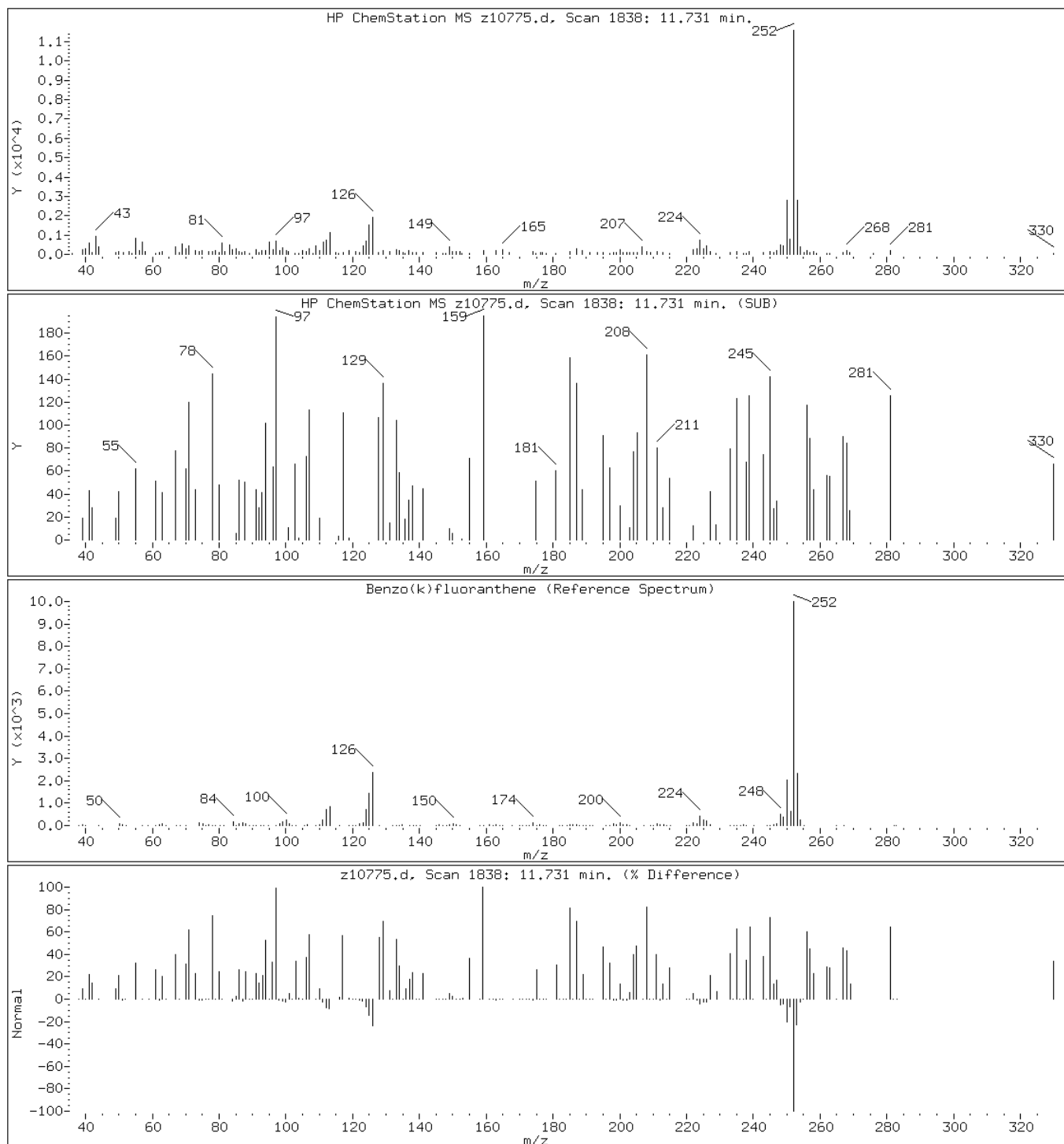
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10775.d

Date: 13-OCT-2011 16:01

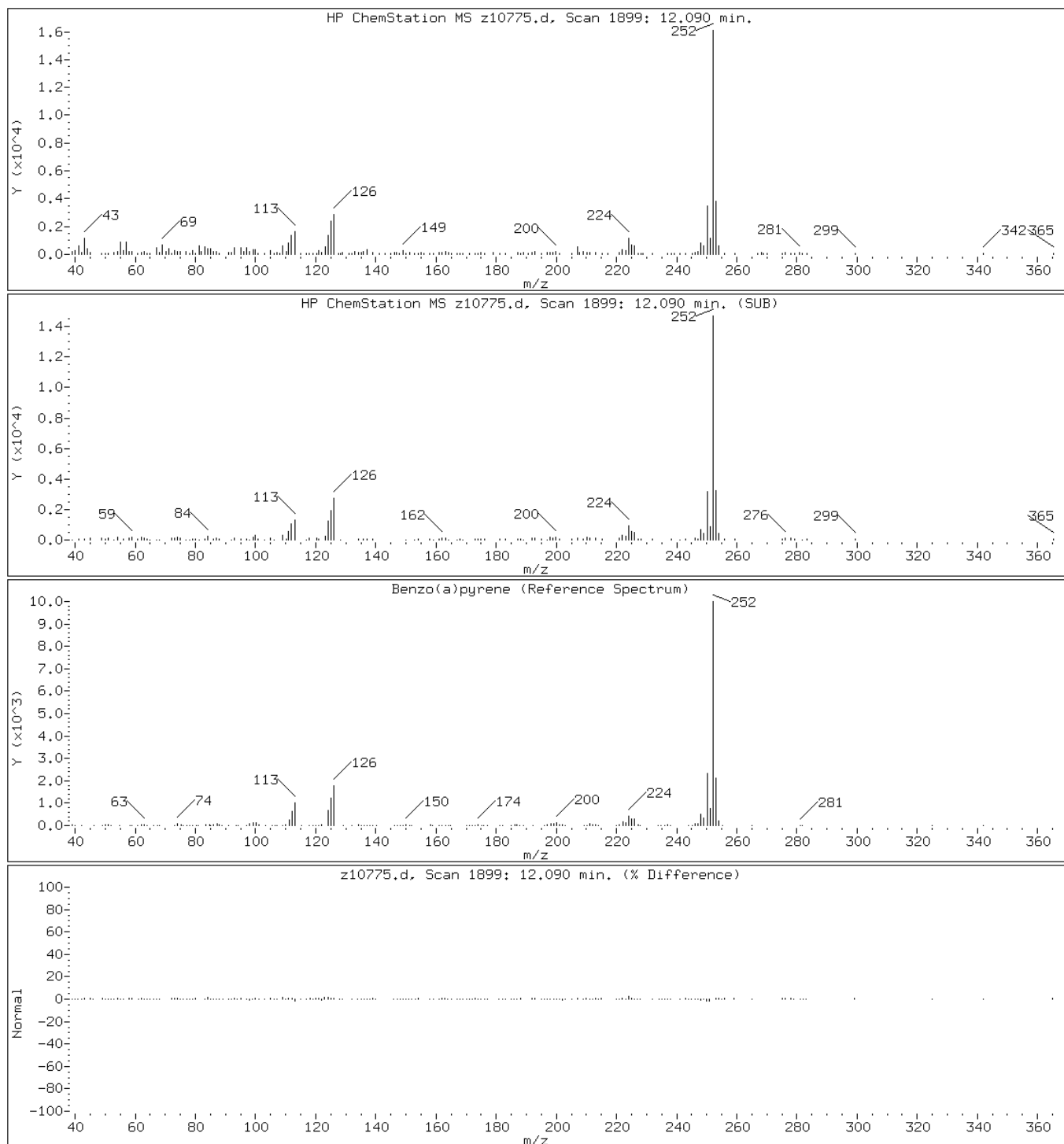
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10775.d

Date: 13-OCT-2011 16:01

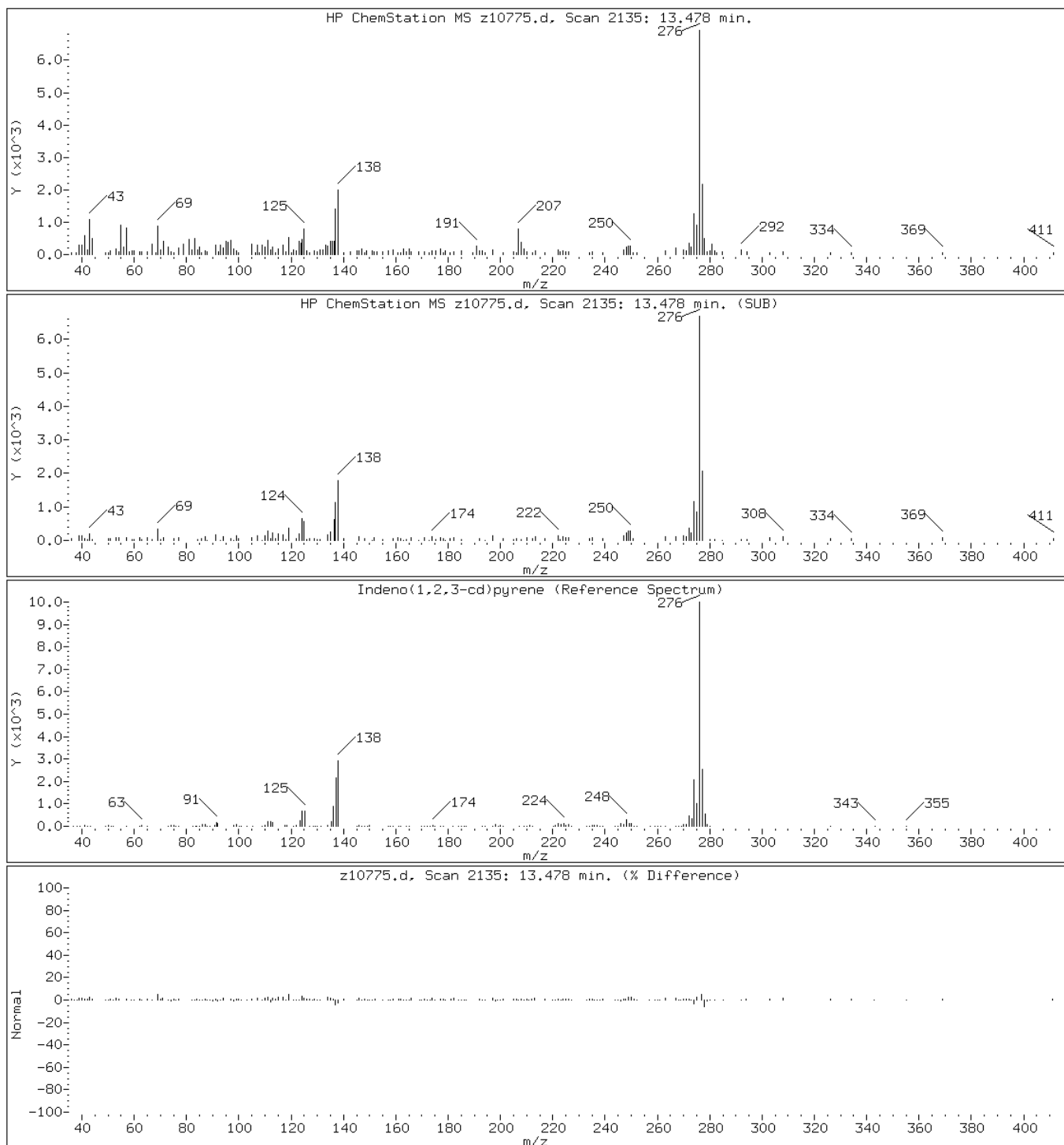
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10775.d

Date: 13-OCT-2011 16:01

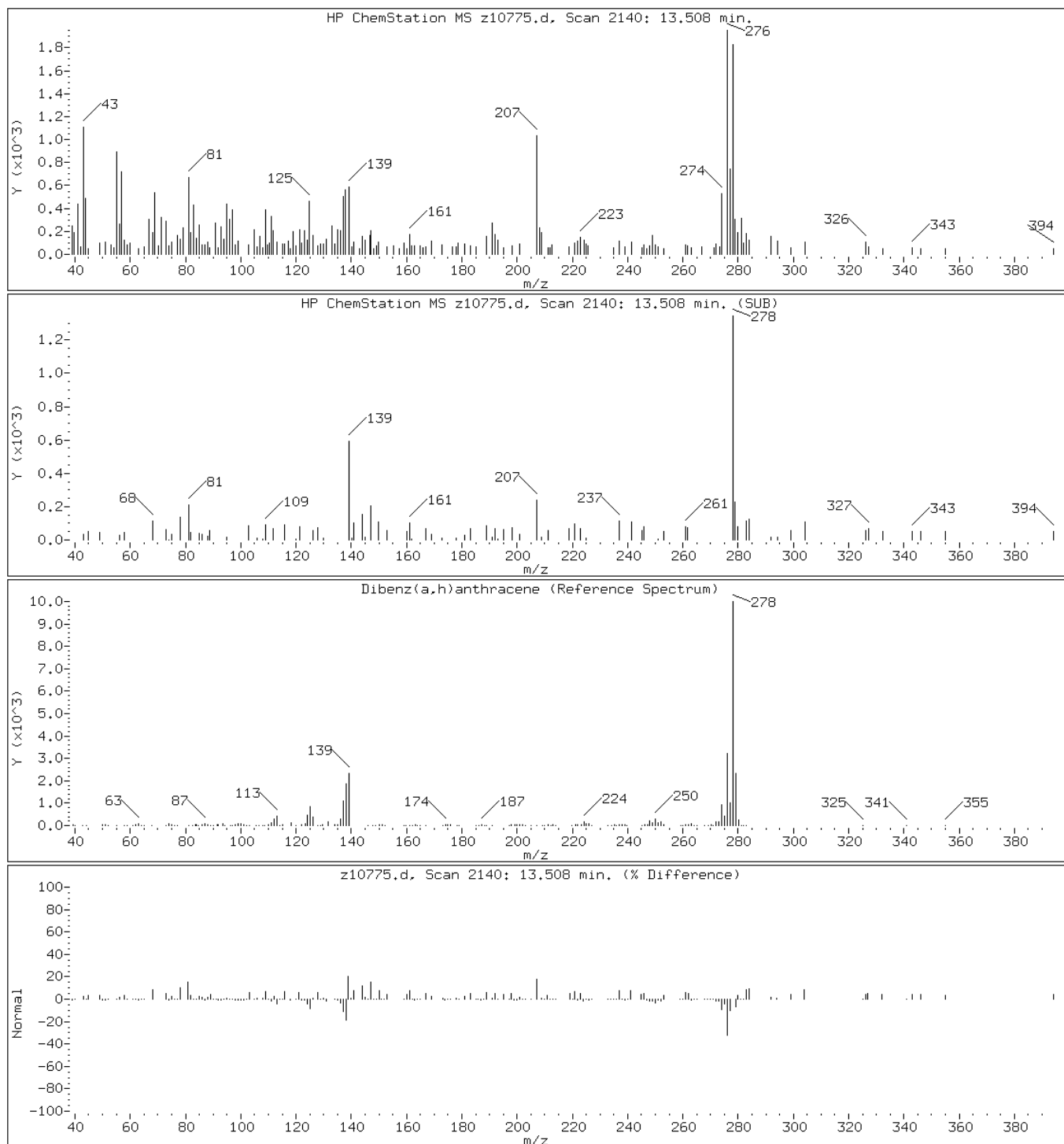
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z10775.d

Date: 13-OCT-2011 16:01

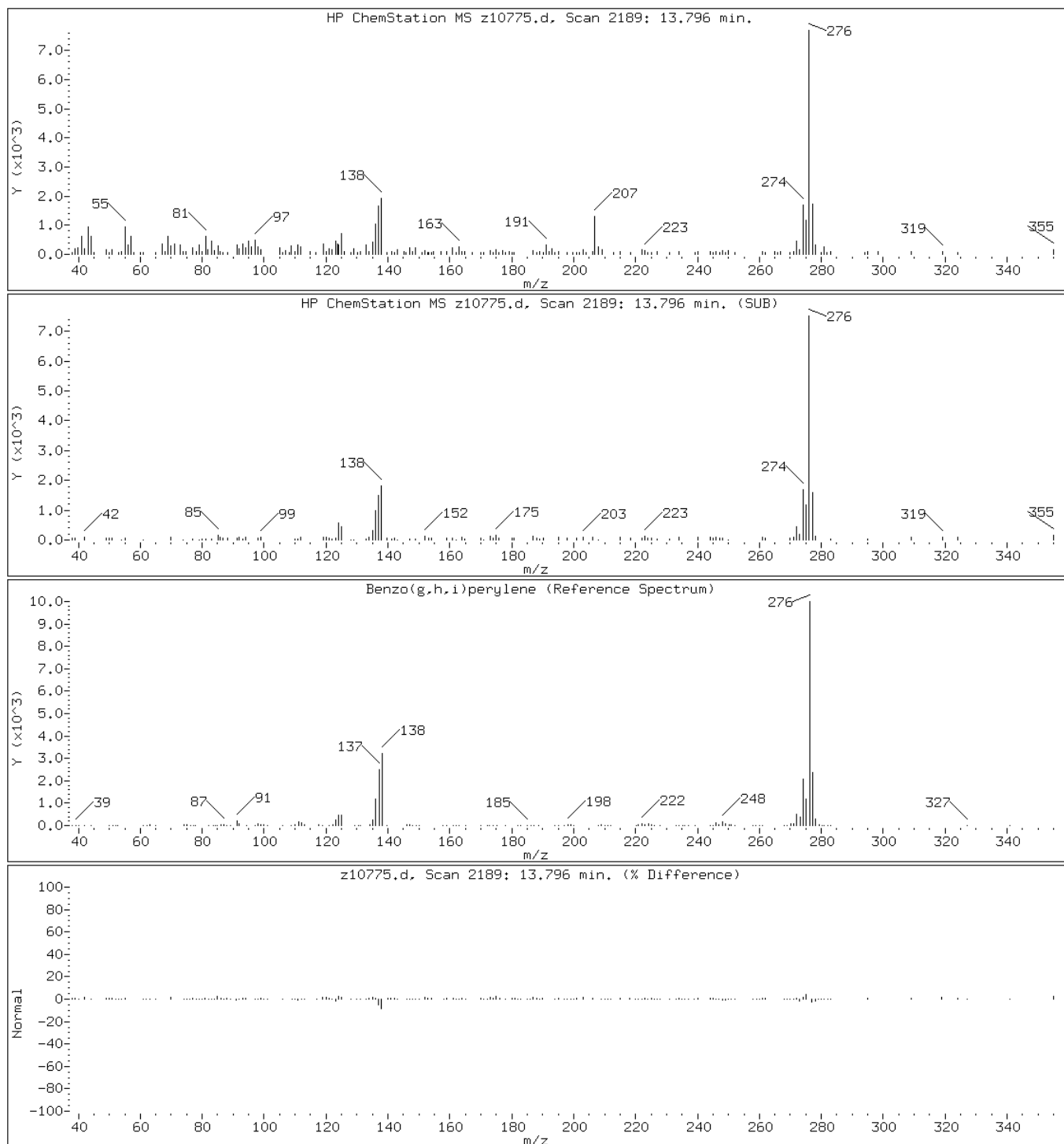
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-1-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

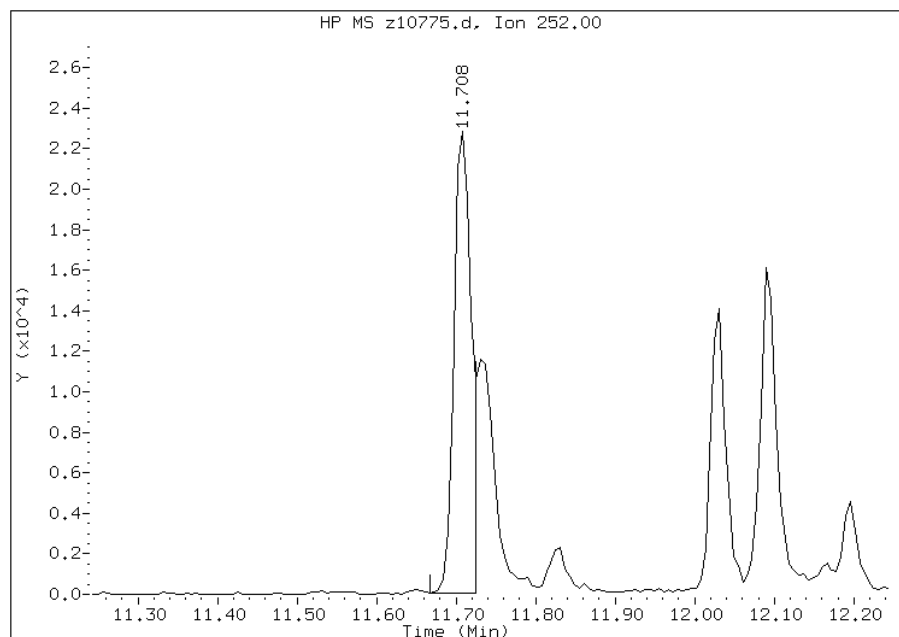


Manual Integration Report

Data File: z10775.d
Inj. Date and Time: 13-OCT-2011 16:01
Instrument ID: BNAMS11.i
Client ID: S0-17338-100511-MM-
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 10/15/2011

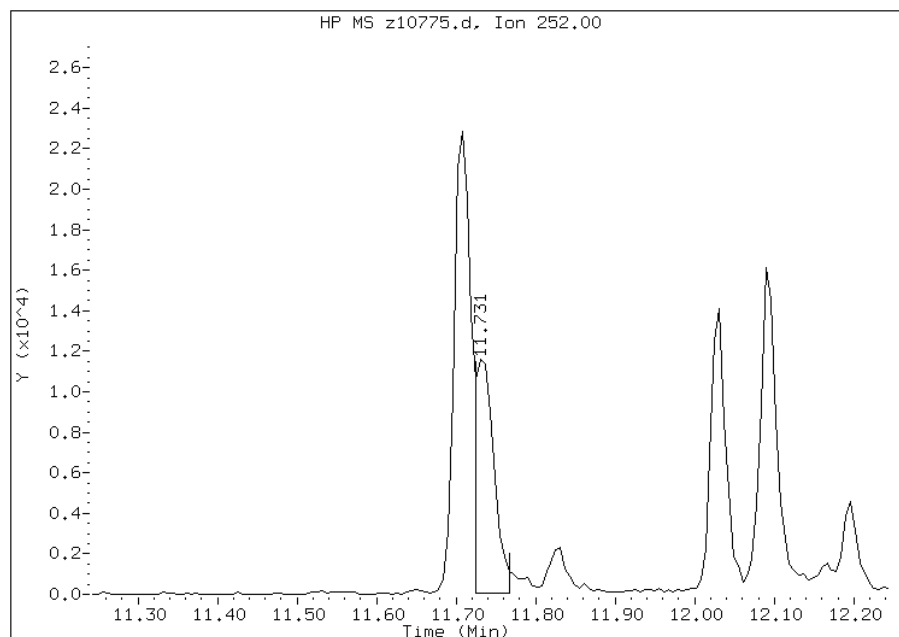
Processing Integration Results

RT: 11.71
Response: 35719
Amount: 2
Conc: 192



Manual Integration Results

RT: 11.73
Response: 18868
Amount: 1
Conc: 101



Manually Integrated By: rusin
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-141</u>	Lab Sample ID: <u>460-32125-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10774.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 11:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>10/13/2011 15:36</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>20.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	410	U	410	26
108-95-2	Phenol	410	U	410	51
111-44-4	Bis(2-chloroethyl)ether	41	U	41	8.6
95-57-8	2-Chlorophenol	410	U	410	55
95-48-7	2-Methylphenol	410	U	410	59
108-60-1	2,2'-oxybis[1-chloropropane]	410	U	410	54
98-86-2	Acetophenone	410	U	410	61
106-44-5	4-Methylphenol	410	U	410	68
621-64-7	N-Nitrosodi-n-propylamine	41	U	41	5.5
67-72-1	Hexachloroethane	41	U	41	7.0
98-95-3	Nitrobenzene	41	U	41	9.2
78-59-1	Isophorone	410	U	410	47
88-75-5	2-Nitrophenol	410	U	410	68
105-67-9	2,4-Dimethylphenol	410	U	410	66
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	59
120-83-2	2,4-Dichlorophenol	410	U	410	66
91-20-3	Naphthalene	410	U	410	60
106-47-8	4-Chloroaniline	410	U	410	52
87-68-3	Hexachlorobutadiene	84	U	84	17
105-60-2	Caprolactam	410	U	410	57
59-50-7	4-Chloro-3-methylphenol	410	U	410	69
91-57-6	2-Methylnaphthalene	410	U	410	60
77-47-4	Hexachlorocyclopentadiene	410	U	410	120
88-06-2	2,4,6-Trichlorophenol	410	U	410	74
95-95-4	2,4,5-Trichlorophenol	410	U	410	80
92-52-4	1,1'-Biphenyl	410	U	410	68
91-58-7	2-Chloronaphthalene	410	U	410	58
88-74-4	2-Nitroaniline	840	U	840	110
131-11-3	Dimethyl phthalate	410	U	410	56
606-20-2	2,6-Dinitrotoluene	84	U	84	11
208-96-8	Acenaphthylene	410	U	410	59
99-09-2	3-Nitroaniline	840	U	840	93
83-32-9	Acenaphthene	410	U	410	59
51-28-5	2,4-Dinitrophenol	1200	U	1200	88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-141</u>	Lab Sample ID: <u>460-32125-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10774.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 11:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>10/13/2011 15:36</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>20.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	110
132-64-9	Dibenzofuran	410	U	410	62
121-14-2	2,4-Dinitrotoluene	84	U	84	12
84-66-2	Diethyl phthalate	410	U	410	55
86-73-7	Fluorene	410	U	410	70
7005-72-3	4-Chlorophenyl phenyl ether	410	U	410	71
100-01-6	4-Nitroaniline	840	U	840	85
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	200
86-30-6	N-Nitrosodiphenylamine	410	U	410	67
101-55-3	4-Bromophenyl phenyl ether	410	U	410	74
118-74-1	Hexachlorobenzene	41	U	41	5.7
1912-24-9	Atrazine	410	U	410	77
87-86-5	Pentachlorophenol	1200	U	1200	200
85-01-8	Phenanthrene	92	J	410	72
120-12-7	Anthracene	410	U	410	73
86-74-8	Carbazole	410	U	410	66
84-74-2	Di-n-butyl phthalate	410	U	410	63
206-44-0	Fluoranthene	270	J	410	69
129-00-0	Pyrene	240	J	410	71
85-68-7	Butyl benzyl phthalate	180	J	410	48
91-94-1	3,3'-Dichlorobenzidine	840	U	840	91
56-55-3	Benzo[a]anthracene	100		41	7.6
218-01-9	Chrysene	140	J	410	60
117-81-7	Bis(2-ethylhexyl) phthalate	410	U	410	55
117-84-0	Di-n-octyl phthalate	410	U	410	49
205-99-2	Benzo[b]fluoranthene	150		41	6.1
207-08-9	Benzo[k]fluoranthene	49		41	5.8
50-32-8	Benzo[a]pyrene	98		41	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	73		41	6.6
53-70-3	Dibenz(a,h)anthracene	12	J	41	5.0
191-24-2	Benzo[g,h,i]perylene	73	J	410	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: z10774.d
Analysis Method: 8270C Date Collected: 10/05/2011 11:00
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.03(g) Date Analyzed: 10/13/2011 15:36
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 20.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-120
321-60-8	2-Fluorobiphenyl	77		40-109
367-12-4	2-Fluorophenol (Surr)	72		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
4165-62-2	Phenol-d5 (Surr)	72		41-118
1718-51-0	Terphenyl-d14 (Surr)	92		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: z10774.d
Analysis Method: 8270C Date Collected: 10/05/2011 11:00
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.03(g) Date Analyzed: 10/13/2011 15:36
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 20.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10774.d
 Report Date: 13-Oct-2011 23:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10774.d
 Lab Smp Id: 460-32125-D-2-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 15:36
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-2-A
 Misc Info : 460-32125-D-2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	20.13129	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.250	2.214	(0.653)	1524730	72.1736	6000
\$ 17 Phenol-d5 (SUR)	99	3.120	3.132	(0.906)	1781149	71.7075	6000
* 79 1,4-Dichlorobenzene-d4	152	3.444	3.449	(1.000)	613425	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.020	4.032	(0.847)	872741	37.9928	3200
* 80 Naphthalene-d8	136	4.744	4.755	(1.000)	2219208	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.900)	1440241	38.5483	3200
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	1033921	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.273	(1.119)	370650	82.8632	6900
* 83 Phenanthrene-d10	188	7.932	7.937	(1.000)	1328725	40.0000	
52 Phenanthrene	178	7.955	7.961	(1.003)	41278	1.10898	92(a)
53 Anthracene	178	8.002	8.008	(1.009)	5145	0.13580	11(a)
54 Carbazole	167	8.173	8.178	(1.030)	5110	0.16951	14(a)
56 Fluoranthene	202	9.102	9.114	(1.148)	100276	3.29730	270(a)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10774.d
 Report Date: 13-Oct-2011 23:46

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
57 Pyrene	202	9.320	9.325	(0.886)	75782	2.89744	240(a)
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.904)	821774	46.0024	3800
59 Butylbenzylphthalate	149	9.996	10.002	(0.951)	25748	2.20186	180(a)
61 Benzo(a)anthracene	228	10.502	10.508	(0.999)	22127	1.23622	100
* 81 Chrysene-d12	240	10.514	10.519	(1.000)	613224	40.0000	
62 Chrysene	228	10.537	10.549	(1.002)	29092	1.64774	140(a)
65 Benzo(b)fluoranthene	252	11.708	11.714	(0.962)	27715	1.79746	150
66 Benzo(k)fluoranthene	252	11.737	11.743	(0.965)	9195	0.58716	49
67 Benzo(a)pyrene	252	12.090	12.096	(0.994)	14467	1.17948	98
* 84 Perylene-d12	264	12.167	12.166	(1.000)	497134	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.484	13.484	(1.108)	9540	0.88185	73
69 Dibenzo(a,h)anthracene	278	13.508	13.519	(1.110)	1729	0.14824	12(a)
70 Benzo(g,h,i)perylene	276	13.790	13.807	(1.133)	10467	0.87826	73(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10774.d
Report Date: 13-Oct-2011 23:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10774.d
Lab Smp Id: 460-32125-D-2-A Client Smp ID: SO-17338-100511-MM-
Inj Date : 13-OCT-2011 15:36
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-32125-D-2-A
Misc Info : 460-32125-D-2-A
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10774.d

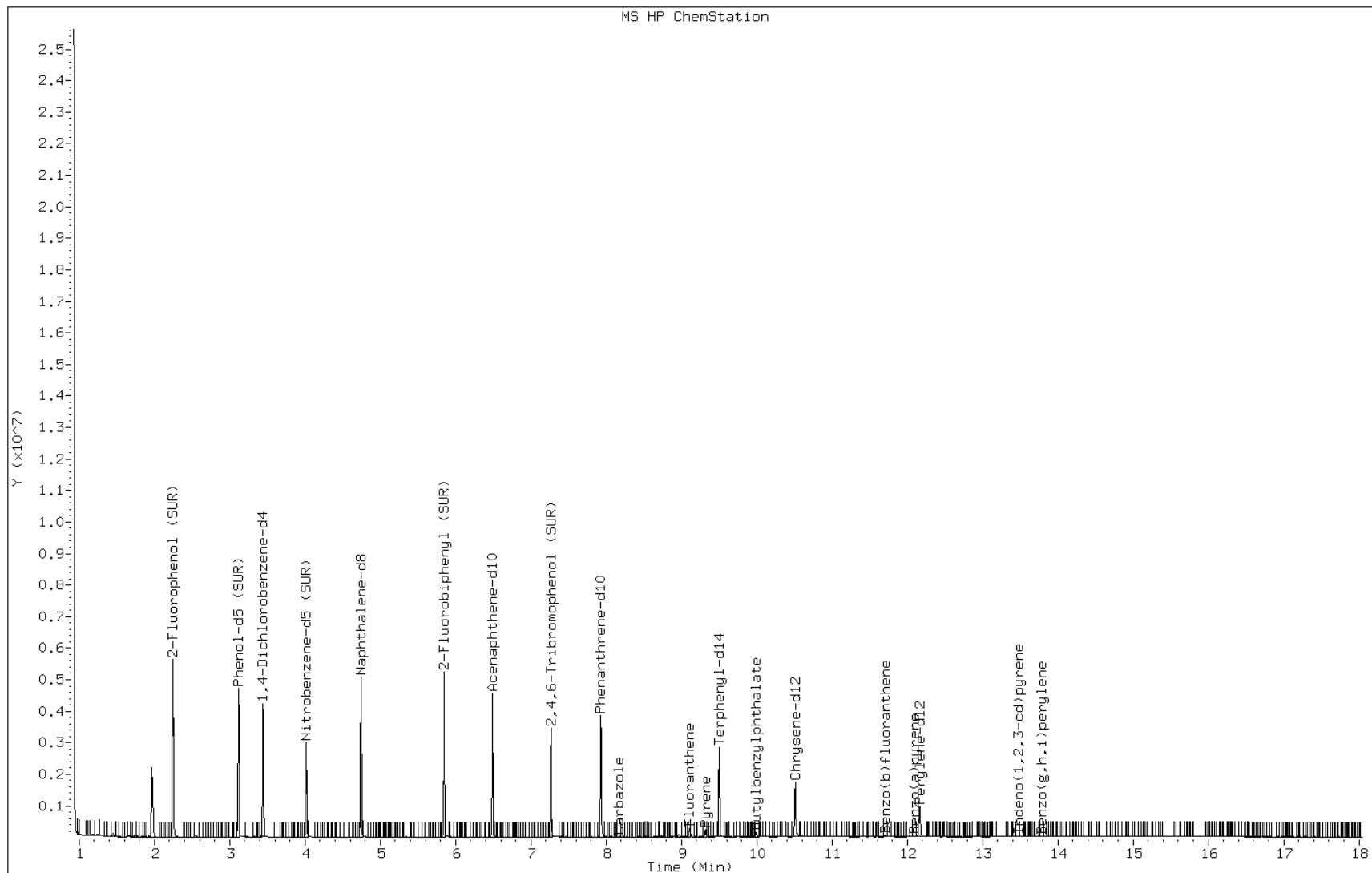
Date: 13-OCT-2011 15:36

Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4



Data File: z10774.d

Date: 13-OCT-2011 15:36

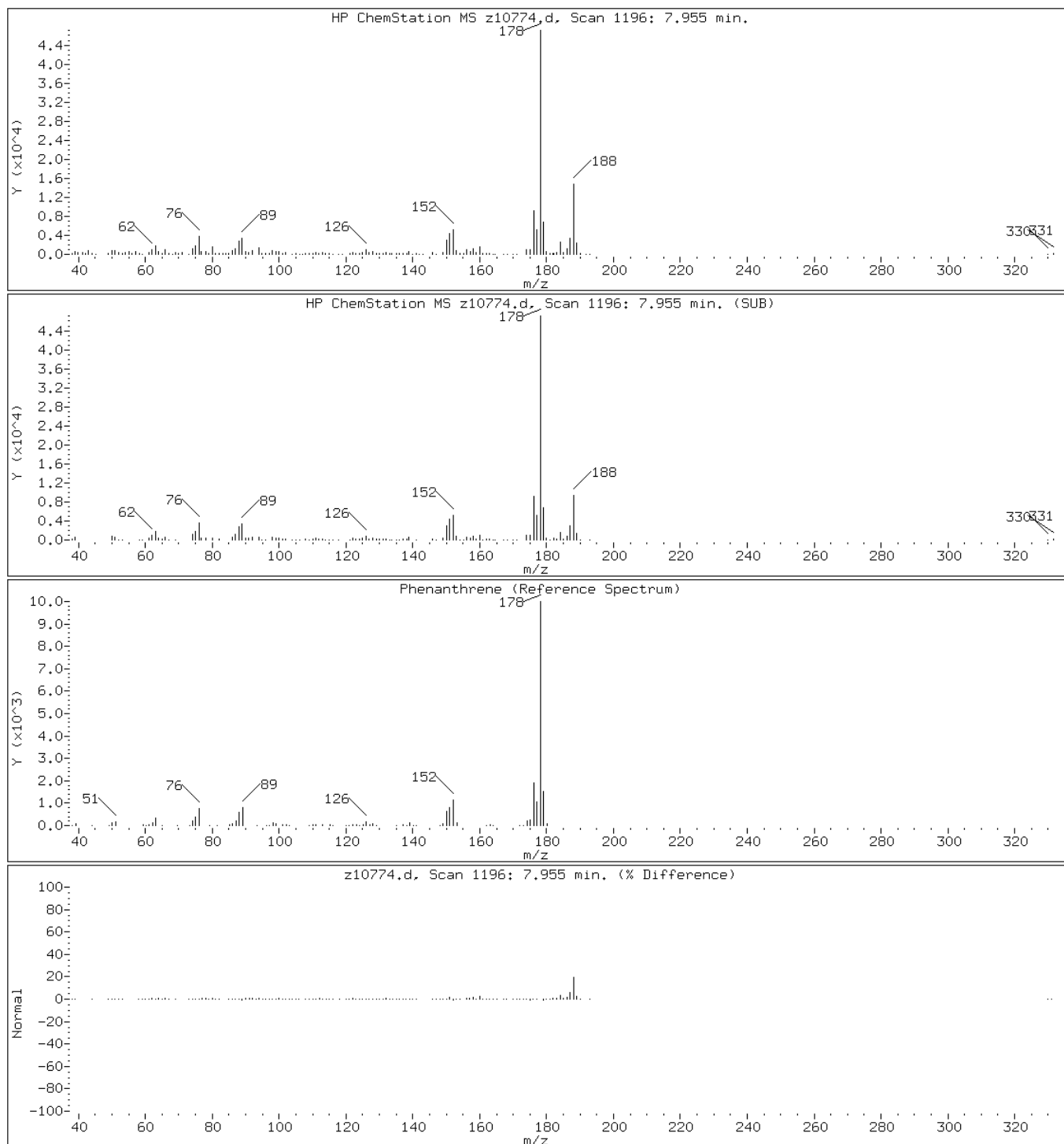
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10774.d

Date: 13-OCT-2011 15:36

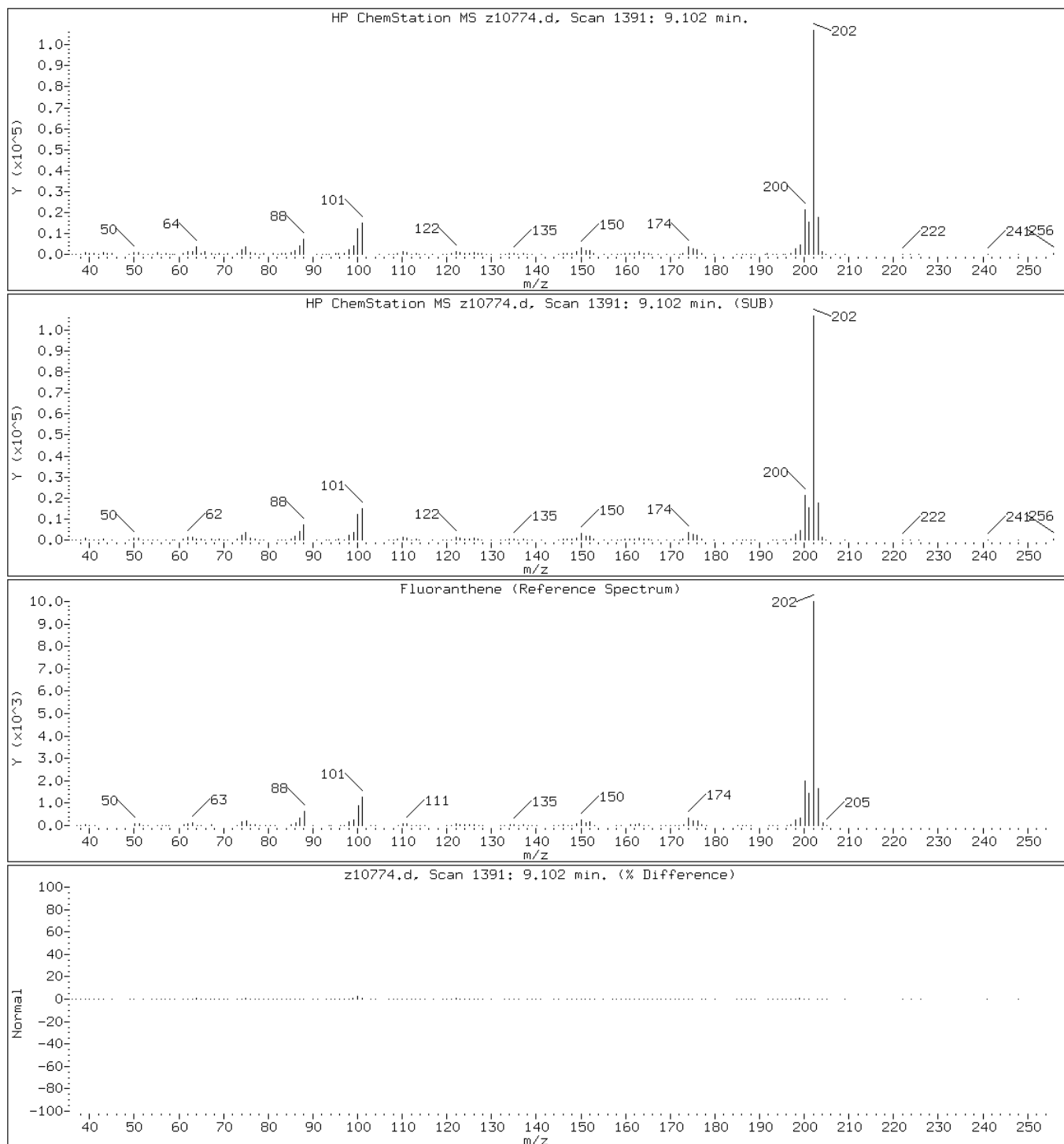
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10774.d

Date: 13-OCT-2011 15:36

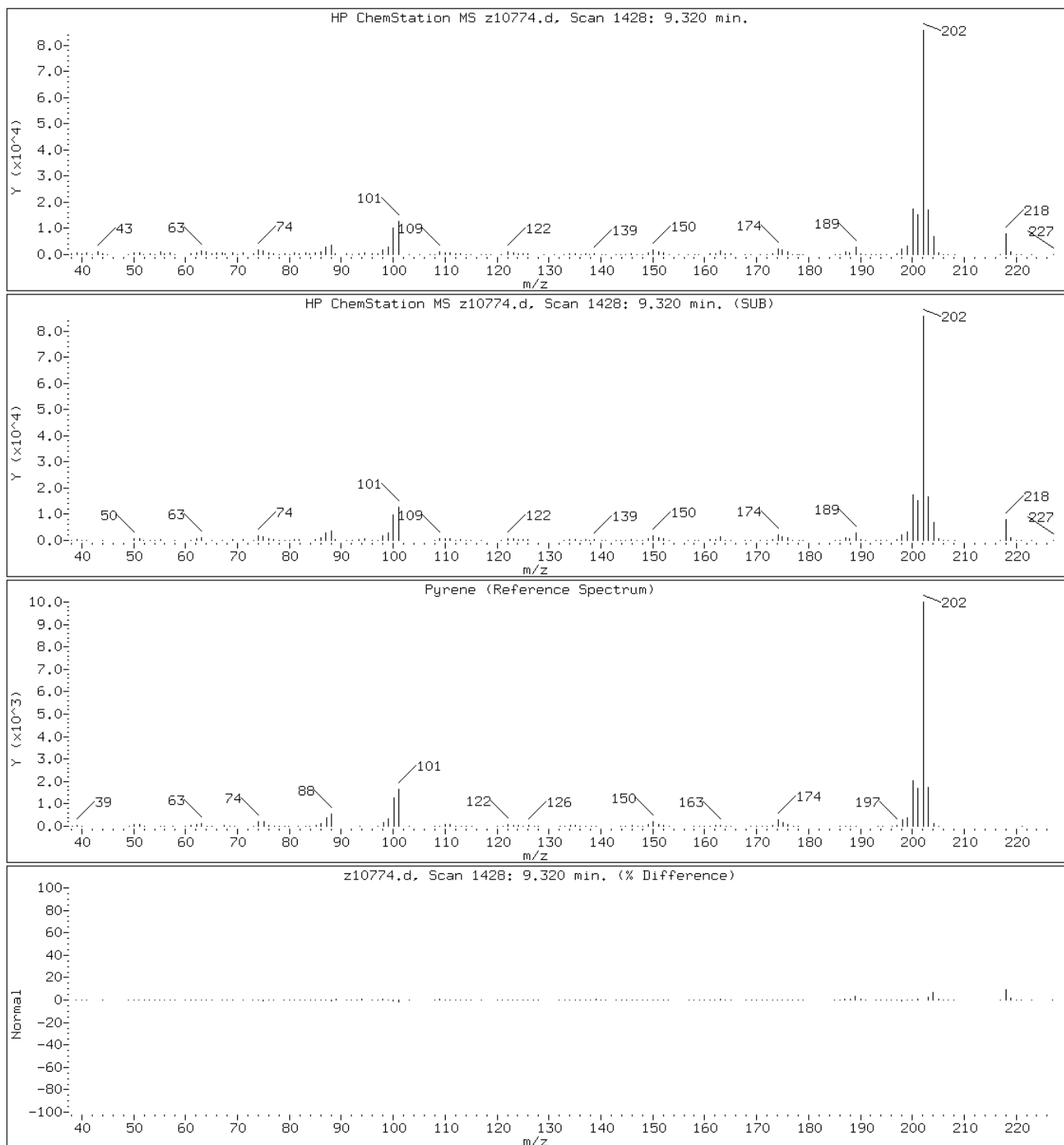
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

57 Pyrene



Data File: z10774.d

Date: 13-OCT-2011 15:36

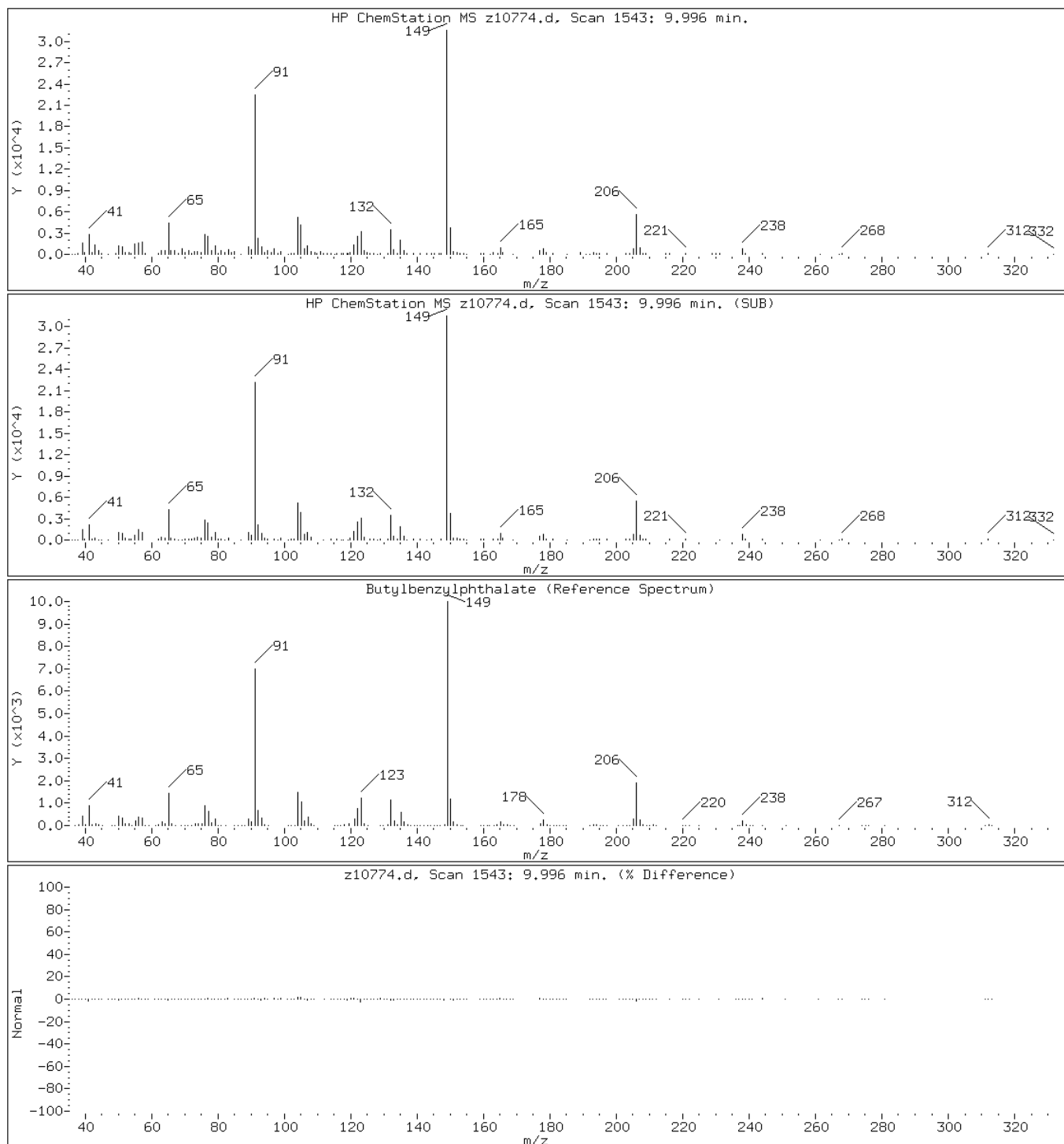
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

59 Butylbenzylphthalate



Data File: z10774.d

Date: 13-OCT-2011 15:36

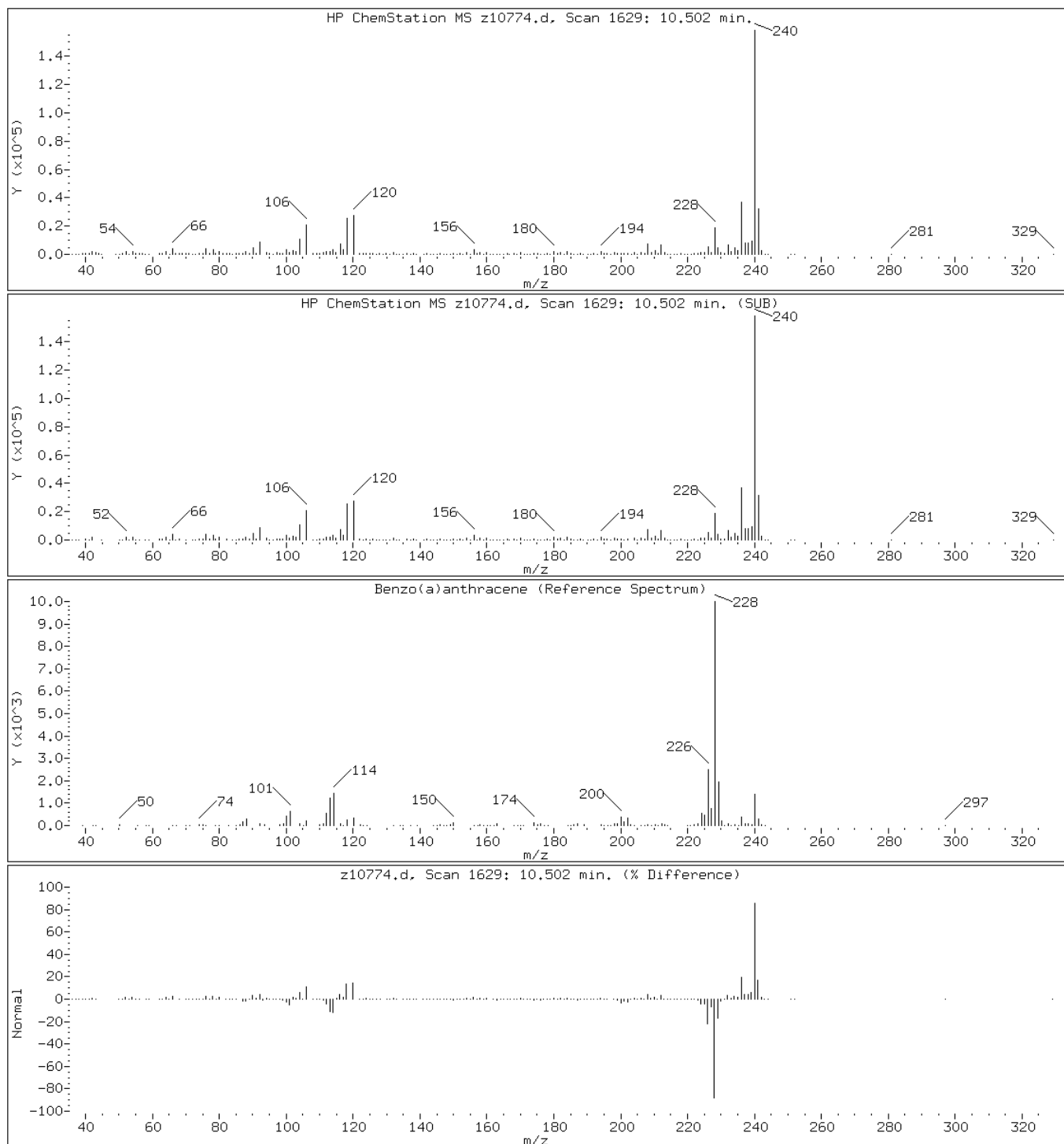
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10774.d

Date: 13-OCT-2011 15:36

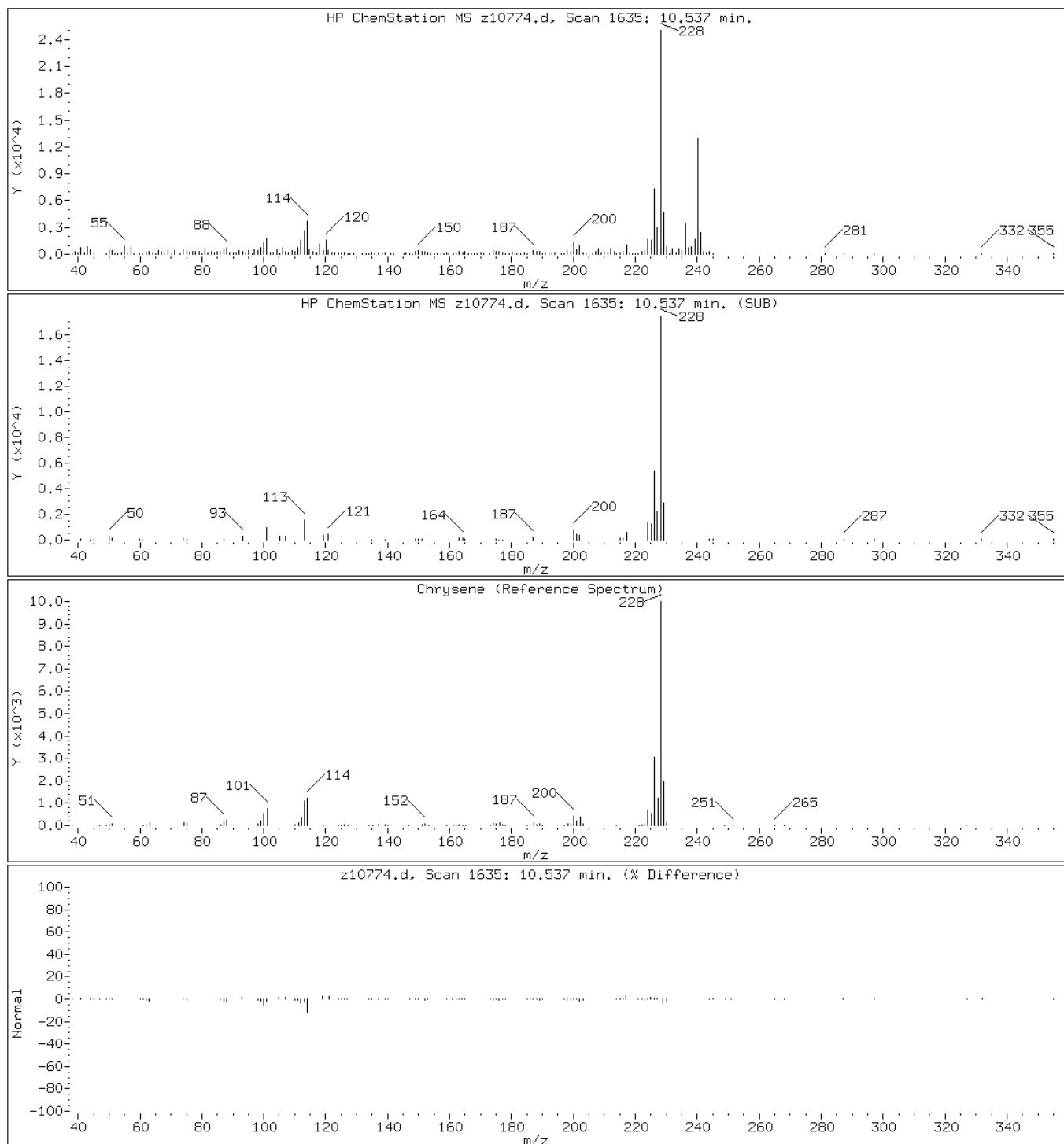
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

62 Chrysene



Data File: z10774.d

Date: 13-OCT-2011 15:36

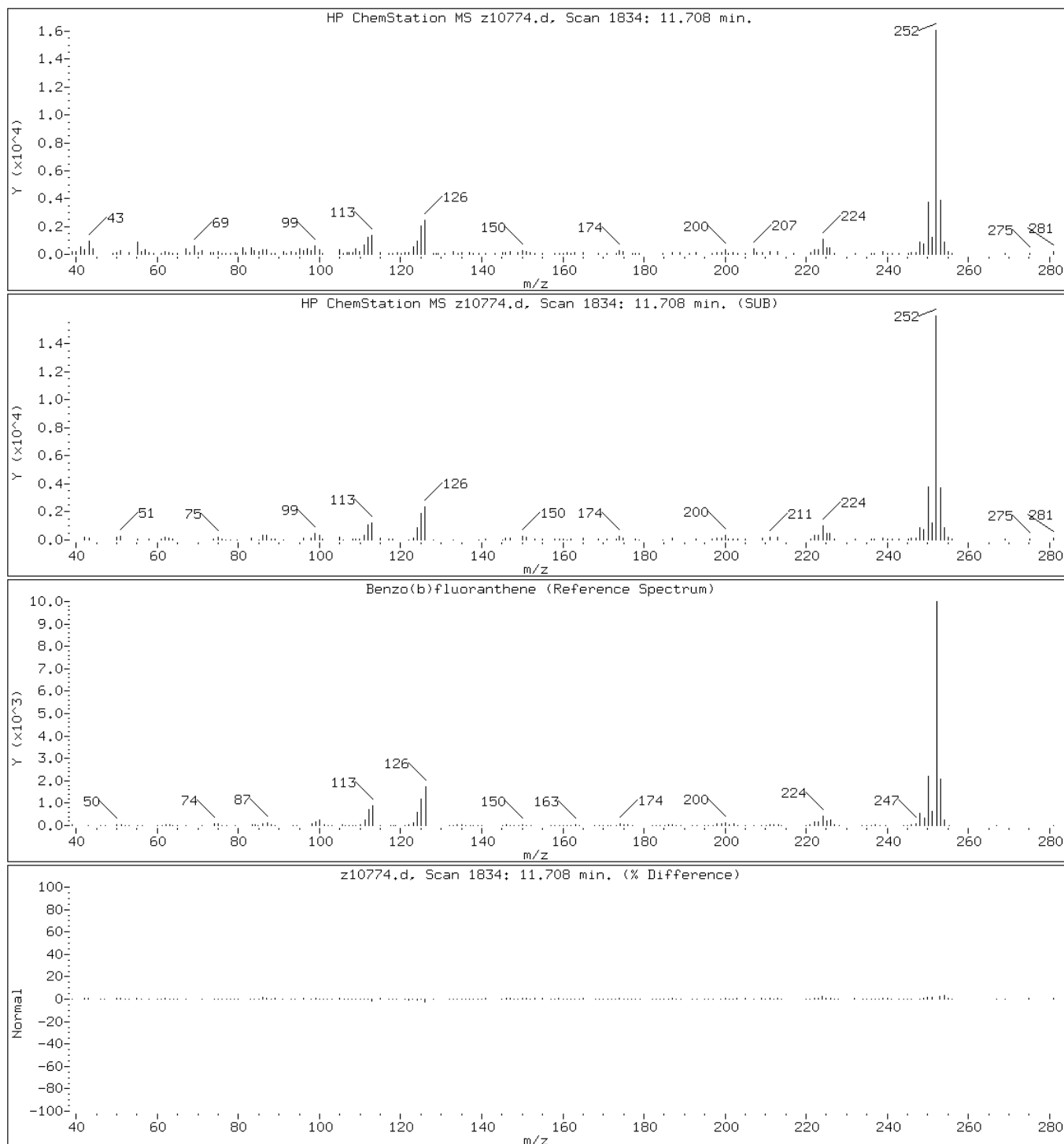
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10774.d

Date: 13-OCT-2011 15:36

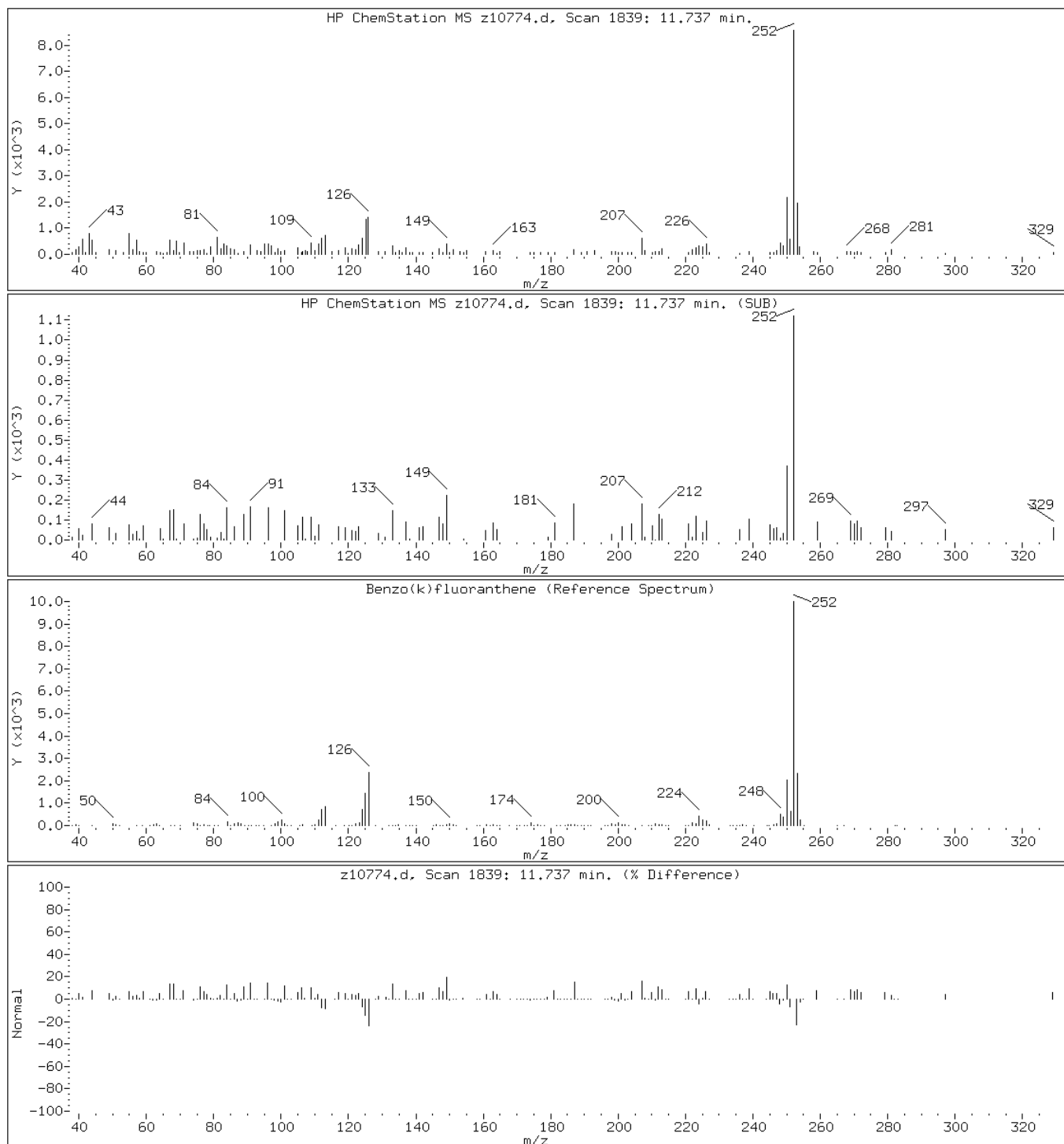
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10774.d

Date: 13-OCT-2011 15:36

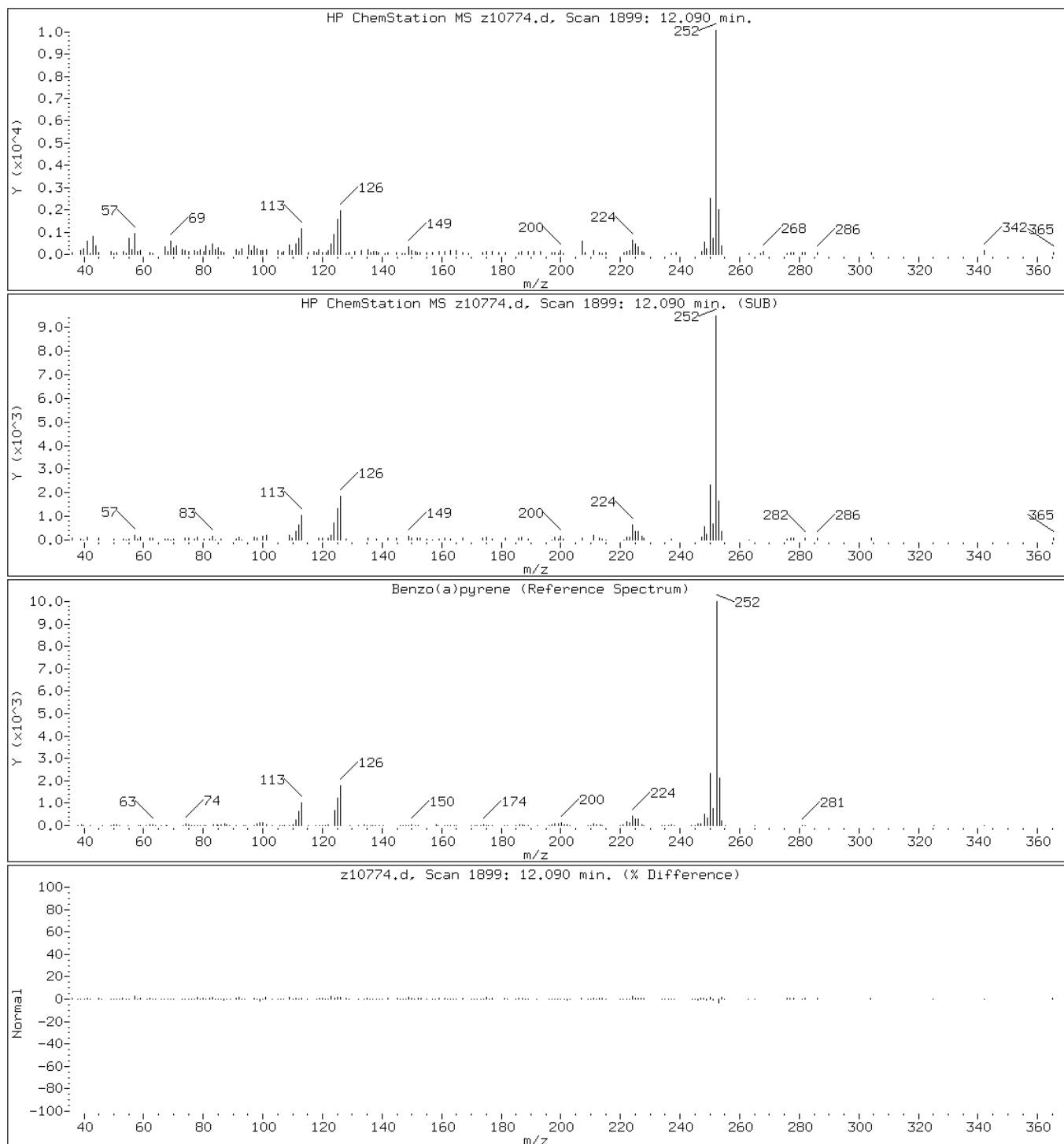
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10774.d

Date: 13-OCT-2011 15:36

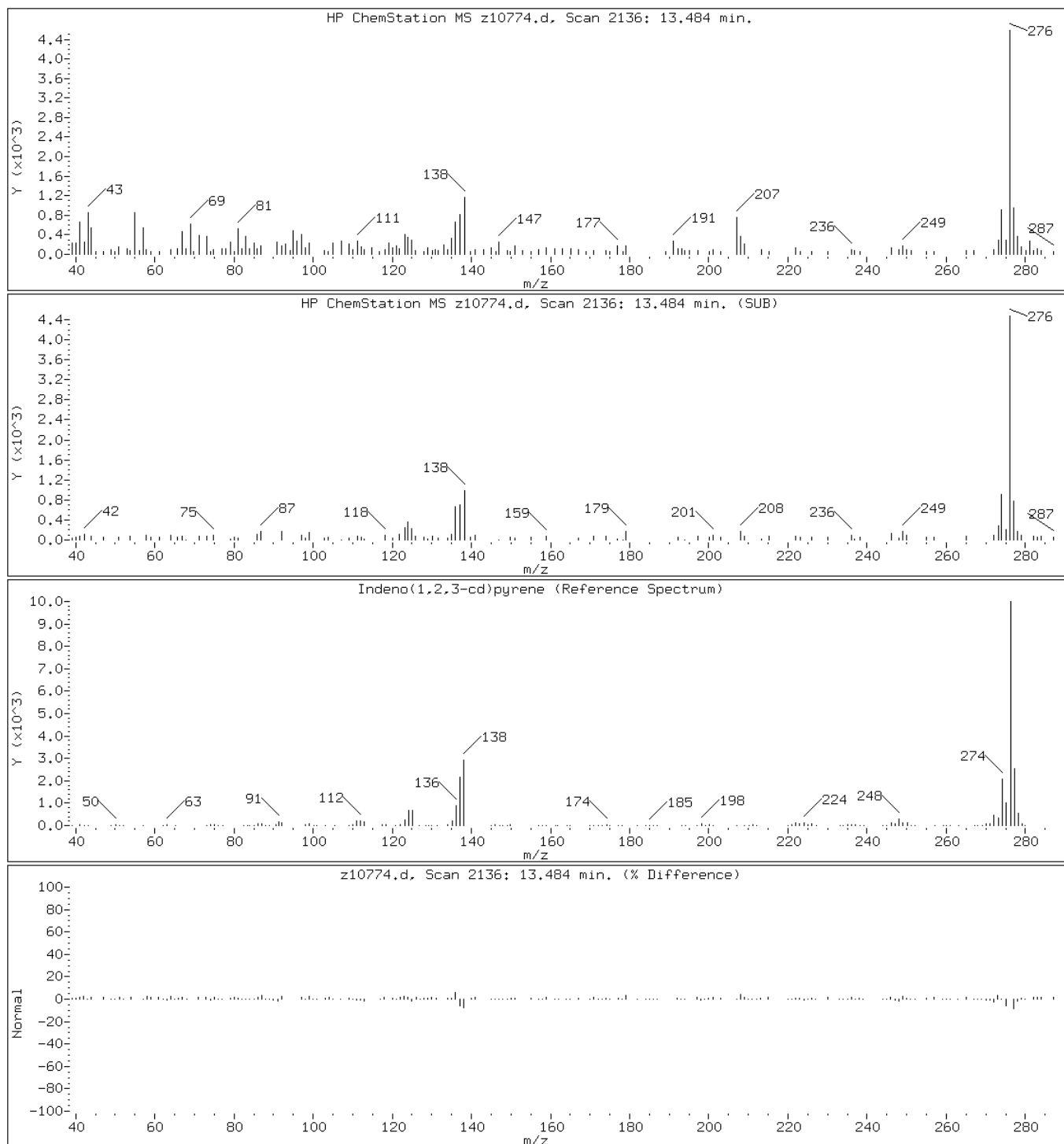
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10774.d

Date: 13-OCT-2011 15:36

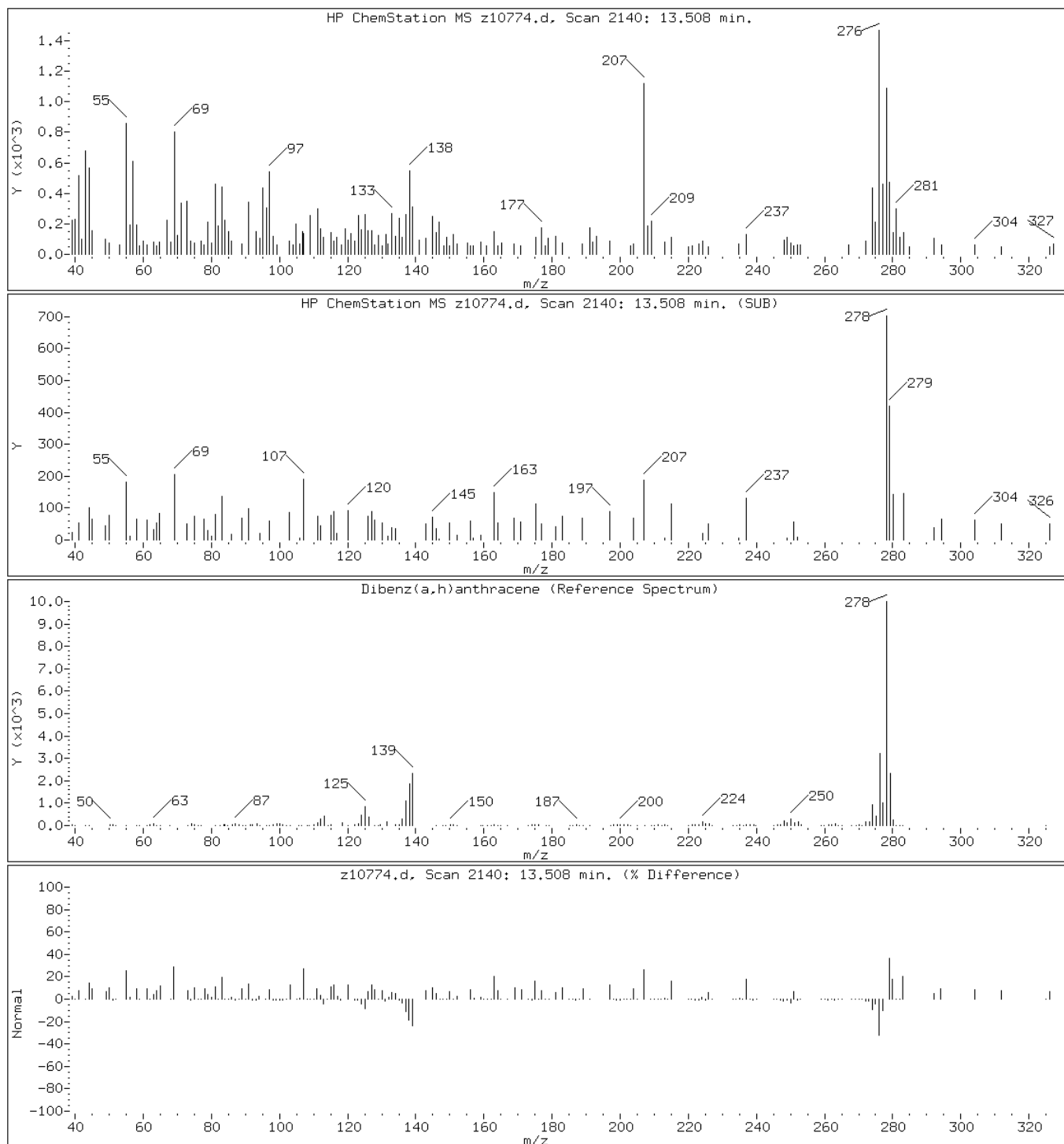
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-2-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



70 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-142</u>	Lab Sample ID: <u>460-32125-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10768.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 11:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 13:06</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	400	U	400	25
108-95-2	Phenol	400	U	400	50
111-44-4	Bis(2-chloroethyl)ether	40	U	40	8.5
95-57-8	2-Chlorophenol	400	U	400	54
95-48-7	2-Methylphenol	400	U	400	58
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	53
98-86-2	Acetophenone	400	U	400	60
106-44-5	4-Methylphenol	400	U	400	66
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	5.4
67-72-1	Hexachloroethane	40	U	40	6.8
98-95-3	Nitrobenzene	40	U	40	9.1
78-59-1	Isophorone	400	U	400	47
88-75-5	2-Nitrophenol	400	U	400	67
105-67-9	2,4-Dimethylphenol	400	U	400	65
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	58
120-83-2	2,4-Dichlorophenol	400	U	400	65
91-20-3	Naphthalene	400	U	400	59
106-47-8	4-Chloroaniline	400	U	400	51
87-68-3	Hexachlorobutadiene	82	U	82	16
105-60-2	Caprolactam	400	U	400	56
59-50-7	4-Chloro-3-methylphenol	400	U	400	68
91-57-6	2-Methylnaphthalene	400	U	400	59
77-47-4	Hexachlorocyclopentadiene	400	U	400	120
88-06-2	2,4,6-Trichlorophenol	400	U	400	73
95-95-4	2,4,5-Trichlorophenol	400	U	400	78
92-52-4	1,1'-Biphenyl	400	U	400	67
91-58-7	2-Chloronaphthalene	400	U	400	57
88-74-4	2-Nitroaniline	820	U	820	110
131-11-3	Dimethyl phthalate	400	U	400	55
606-20-2	2,6-Dinitrotoluene	82	U	82	10
208-96-8	Acenaphthylene	400	U	400	58
99-09-2	3-Nitroaniline	820	U	820	92
83-32-9	Acenaphthene	400	U	400	58
51-28-5	2,4-Dinitrophenol	1200	U	1200	86

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-142</u>	Lab Sample ID: <u>460-32125-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10768.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 11:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 13:06</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
132-64-9	Dibenzofuran	400	U	400	61
121-14-2	2,4-Dinitrotoluene	82	U	82	12
84-66-2	Diethyl phthalate	400	U	400	54
86-73-7	Fluorene	400	U	400	69
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	70
100-01-6	4-Nitroaniline	820	U	820	84
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
86-30-6	N-Nitrosodiphenylamine	400	U	400	66
101-55-3	4-Bromophenyl phenyl ether	400	U	400	72
118-74-1	Hexachlorobenzene	40	U	40	5.6
1912-24-9	Atrazine	400	U	400	76
87-86-5	Pentachlorophenol	1200	U	1200	200
85-01-8	Phenanthrene	400	U	400	71
120-12-7	Anthracene	400	U	400	72
86-74-8	Carbazole	400	U	400	65
84-74-2	Di-n-butyl phthalate	400	U	400	62
206-44-0	Fluoranthene	400	U	400	67
129-00-0	Pyrene	400	U	400	70
85-68-7	Butyl benzyl phthalate	400	U	400	47
91-94-1	3,3'-Dichlorobenzidine	820	U	820	90
56-55-3	Benzo[a]anthracene	40	U	40	7.5
218-01-9	Chrysene	400	U	400	59
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	54
117-84-0	Di-n-octyl phthalate	400	U	400	48
205-99-2	Benzo[b]fluoranthene	40	U	40	6.0
207-08-9	Benzo[k]fluoranthene	40	U	40	5.7
50-32-8	Benzo[a]pyrene	210		40	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	40	U	40	6.5
53-70-3	Dibenz(a,h)anthracene	40	U	40	4.9
191-24-2	Benzo[g,h,i]perylene	400	U	400	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: z10768.d
Analysis Method: 8270C Date Collected: 10/05/2011 11:30
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 13:06
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	75		10-120
321-60-8	2-Fluorobiphenyl	78		40-109
367-12-4	2-Fluorophenol (Surr)	71		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	69		41-118
1718-51-0	Terphenyl-d14 (Surr)	81		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: z10768.d
Analysis Method: 8270C Date Collected: 10/05/2011 11:30
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 13:06
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 4 TIC Result Total: 2070

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	12.02	510	J
	Unknown	12.10	420	J
	Unknown Alkane-2	12.90	730	J
112-92-5	1-Octadecanol	13.00	410	J N

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10768.d
 Report Date: 13-Oct-2011 23:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10768.d
 Lab Smp Id: 460-32125-D-3-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 13:06
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-3-A
 Misc Info : 460-32125-D-3-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	18.46154	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.250	2.214	(0.653)	1337310	70.9818	5800
\$ 17 Phenol-d5 (SUR)	99	3.120	3.132	(0.906)	1534148	69.2566	5700
* 79 1,4-Dichlorobenzene-d4	152	3.444	3.449	(1.000)	547056	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.020	4.032	(0.847)	793893	39.6417	3200
* 80 Naphthalene-d8	136	4.743	4.755	(1.000)	1934745	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.900)	1201439	38.9252	3200
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	854140	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.273	(1.119)	278342	75.3243	6200
* 83 Phenanthrene-d10	188	7.931	7.937	(1.000)	1042660	40.0000	
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.904)	654069	40.7165	3300
* 81 Chrysene-d12	240	10.514	10.519	(1.000)	551442	40.0000	
67 Benzo(a)pyrene	252	12.196	12.096	(1.002)	31016	2.62156	210
* 84 Perylene-d12	264	12.167	12.166	(1.000)	479527	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10768.d
 Report Date: 13-Oct-2011 23:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10768.d
 Lab Smp Id: 460-32125-D-3-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 13:06
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-3-A
 Misc Info : 460-32125-D-3-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	18.46154	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 84 Perylene-d12	12.167	1510016	40.000

CONCENTRATIONS					QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Alkane					CAS #:		
12.019	235481	6.23783305	510	0		0	84
Unknown					CAS #:		
12.096	194848	5.16148699	420	0		0	84

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10768.d
Report Date: 13-Oct-2011 23:38

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Alkane-2					CAS #:		
12.902	335331	8.88283880	730	0		0	84
1-Octadecanol					CAS #: 112-92-5		
13.002	190967	5.05866867	410	47	NIST02.1	100812	84

Data File: z10768.d

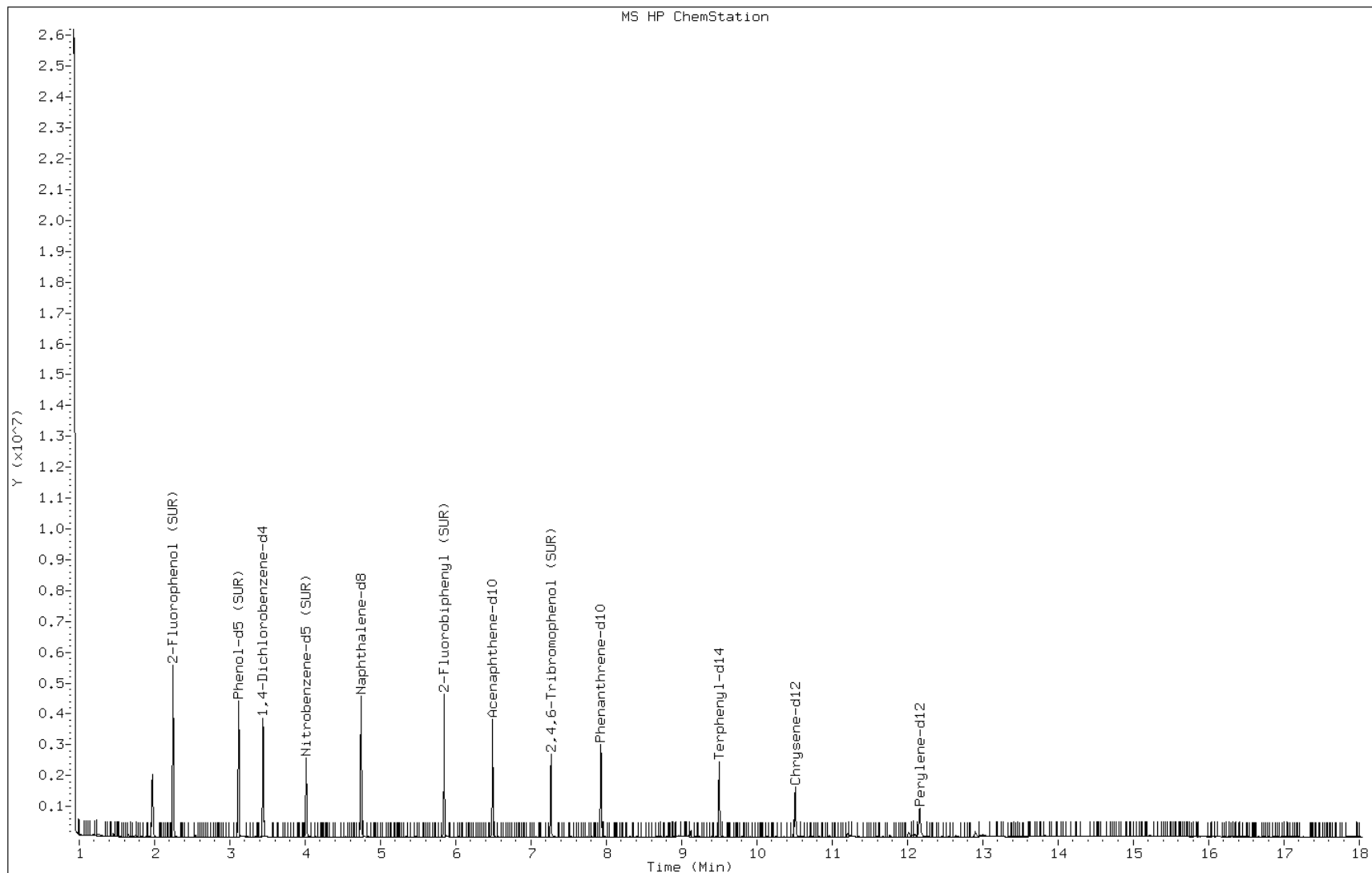
Date: 13-OCT-2011 13:06

Client ID: SO-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4



Data File: z10768.d

Date: 13-OCT-2011 13:06

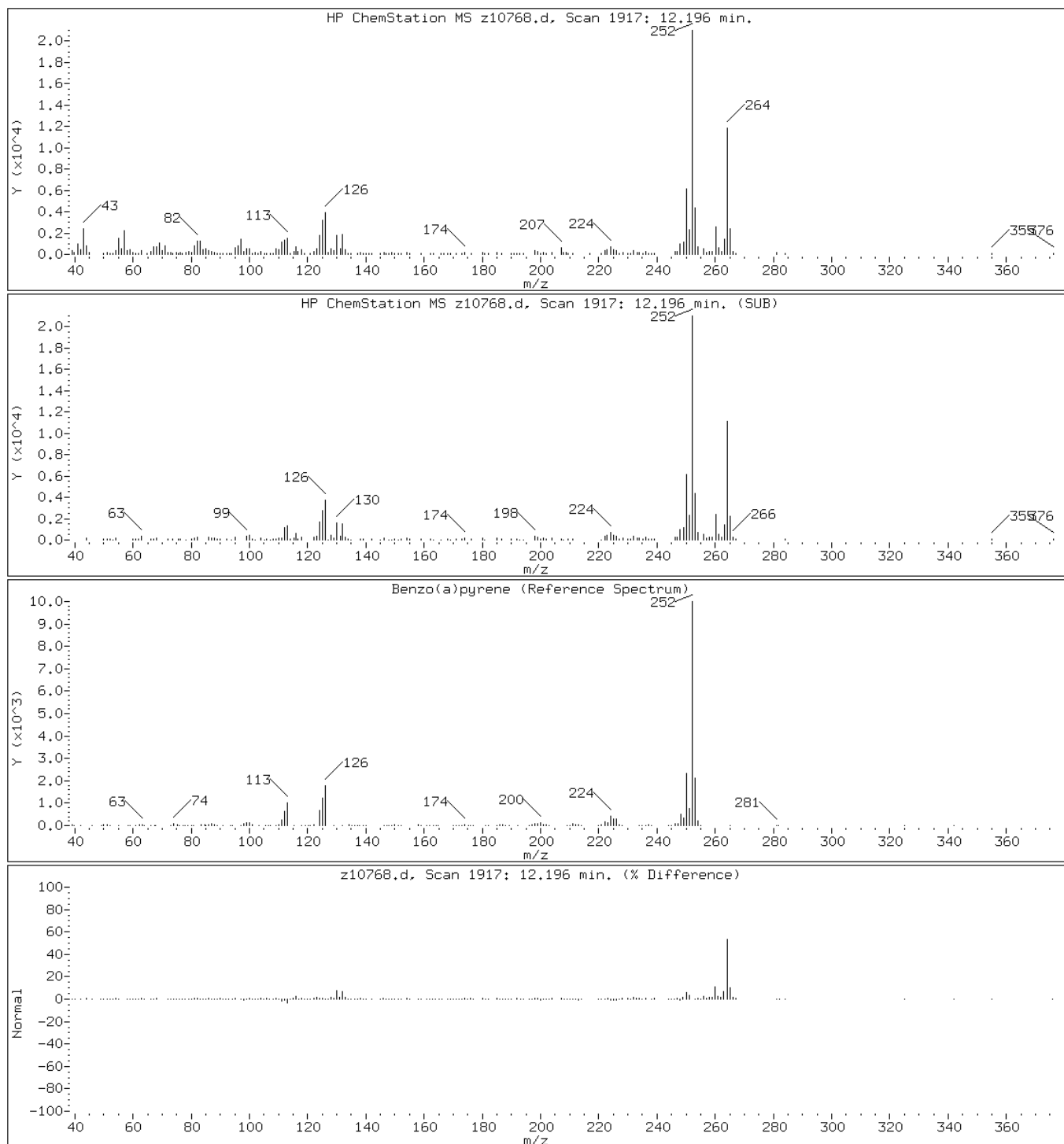
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10768.d

Date: 13-OCT-2011 13:06

Client ID: S0-17338-100511-MM-

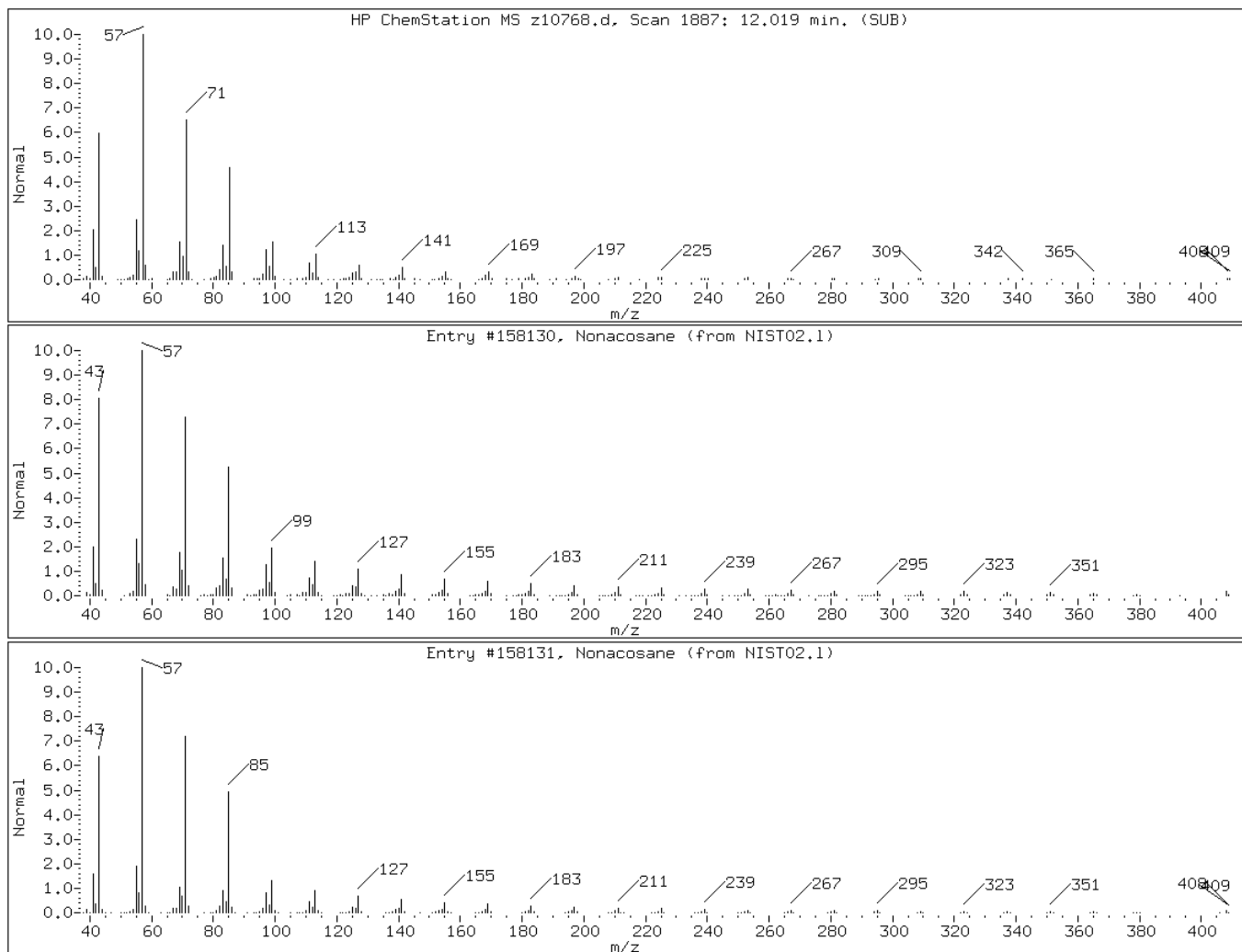
Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4

Retention Time: 12.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonacosane	630-03-5	NIST02.1	158130	97	C ₂₉ H ₆₀	408
Nonacosane	630-03-5	NIST02.1	158131	95	C ₂₉ H ₆₀	408



Data File: z10768.d

Date: 13-OCT-2011 13:06

Client ID: S0-17338-100511-MM-

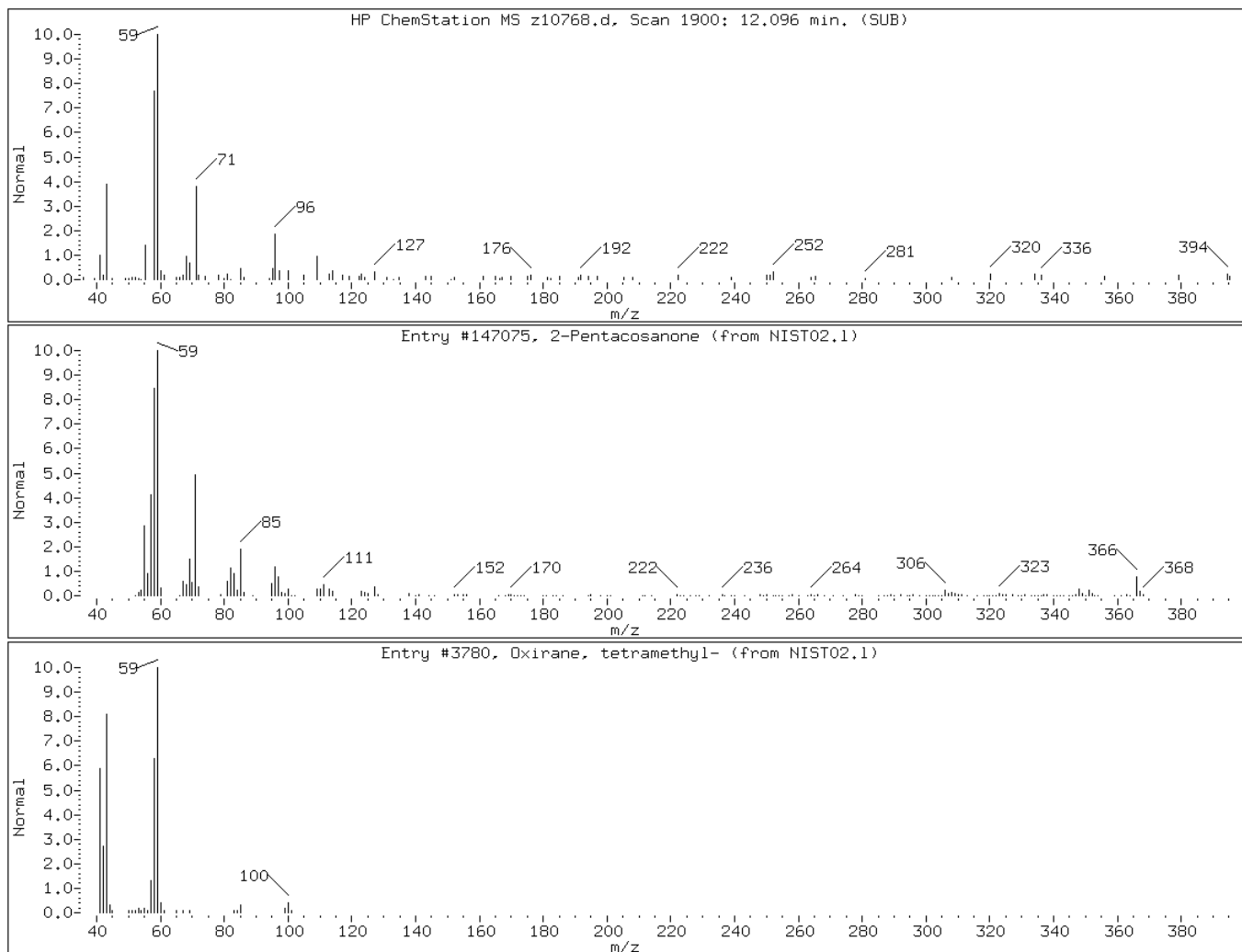
Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4

Retention Time: 12.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentacosanone	75207-54-4	NIST02.1	147075	64	C ₂₅ H ₅₀ O	366
Oxirane, tetramethyl-	5076-20-0	NIST02.1	3780	50	C ₆ H ₁₂ O	100



Data File: z10768.d

Date: 13-OCT-2011 13:06

Client ID: S0-17338-100511-MM-

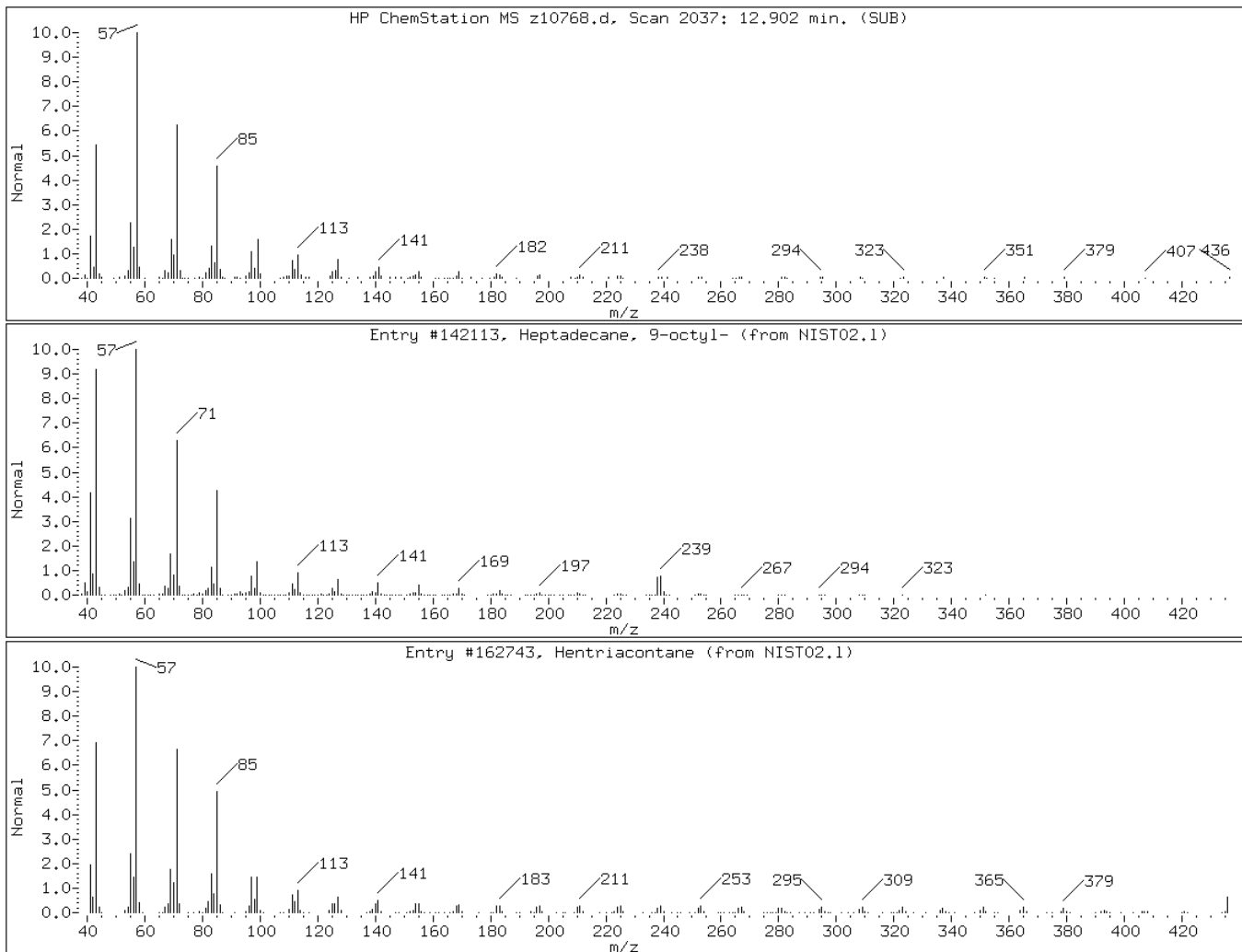
Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4

Retention Time: 12.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane, 9-octyl-	7225-64-1	NIST02.1	142113	95	C ₂₅ H ₅₂	352
Hentriacontane	630-04-6	NIST02.1	162743	94	C ₃₁ H ₆₄	437



Data File: z10768.d

Date: 13-OCT-2011 13:06

Client ID: S0-17338-100511-MM-

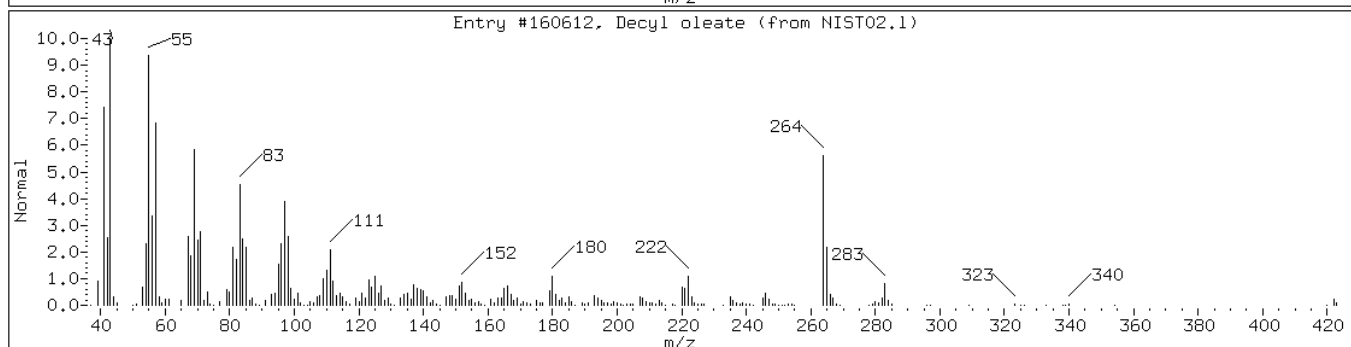
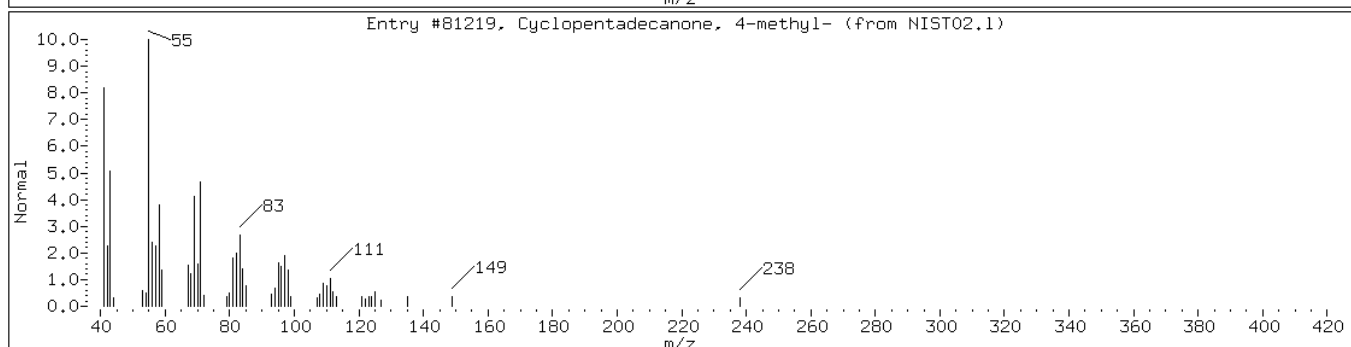
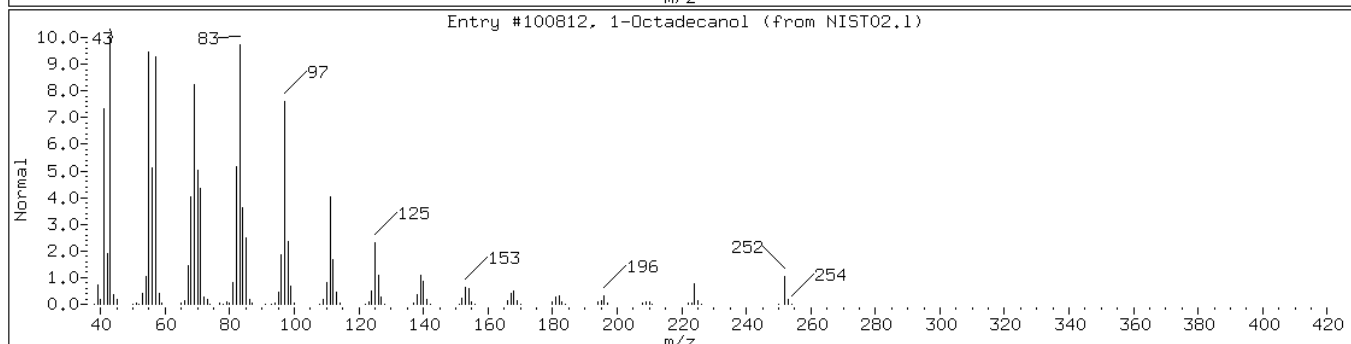
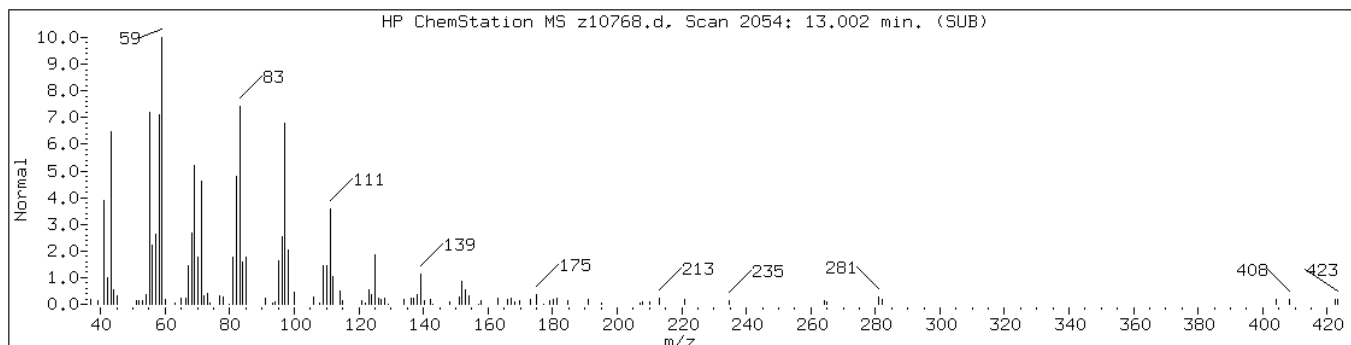
Instrument: BNAMS11.i

Sample Info: 460-32125-D-3-A

Operator: BNAMS 4

Retention Time: 13.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Octadecanol	112-92-5	NIST02.1	100812	47	C18H38O	270
Cyclopentadecanone, 4-methyl-	34894-60-5	NIST02.1	81219	47	C16H30O	238
Decyl oleate	3687-46-5	NIST02.1	160612	25	C28H54O2	422



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-143</u>	Lab Sample ID: <u>460-32125-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10777.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 16:51</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>10</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>57.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	7700	U	7700	490
108-95-2	Phenol	7700	U	7700	950
111-44-4	Bis(2-chloroethyl)ether	770	U	770	160
95-57-8	2-Chlorophenol	7700	U	7700	1000
95-48-7	2-Methylphenol	7700	U	7700	1100
108-60-1	2,2'-oxybis[1-chloropropane]	7700	U	7700	1000
98-86-2	Acetophenone	7700	U	7700	1200
106-44-5	4-Methylphenol	7700	U	7700	1300
621-64-7	N-Nitrosodi-n-propylamine	770	U	770	100
67-72-1	Hexachloroethane	770	U	770	130
98-95-3	Nitrobenzene	770	U	770	170
78-59-1	Isophorone	7700	U	7700	890
88-75-5	2-Nitrophenol	7700	U	7700	1300
105-67-9	2,4-Dimethylphenol	7700	U	7700	1200
111-91-1	Bis(2-chloroethoxy)methane	7700	U	7700	1100
120-83-2	2,4-Dichlorophenol	7700	U	7700	1200
91-20-3	Naphthalene	1300	J	7700	1100
106-47-8	4-Chloroaniline	7700	U	7700	980
87-68-3	Hexachlorobutadiene	1600	U	1600	310
105-60-2	Caprolactam	7700	U	7700	1100
59-50-7	4-Chloro-3-methylphenol	7700	U	7700	1300
91-57-6	2-Methylnaphthalene	1500	J	7700	1100
77-47-4	Hexachlorocyclopentadiene	7700	U	7700	2300
88-06-2	2,4,6-Trichlorophenol	7700	U	7700	1400
95-95-4	2,4,5-Trichlorophenol	7700	U	7700	1500
92-52-4	1,1'-Biphenyl	7700	U	7700	1300
91-58-7	2-Chloronaphthalene	7700	U	7700	1100
88-74-4	2-Nitroaniline	16000	U	16000	2100
131-11-3	Dimethyl phthalate	7700	U	7700	1000
606-20-2	2,6-Dinitrotoluene	1600	U	1600	200
208-96-8	Acenaphthylene	7700	U	7700	1100
99-09-2	3-Nitroaniline	16000	U	16000	1800
83-32-9	Acenaphthene	8100		7700	1100
51-28-5	2,4-Dinitrophenol	23000	U	23000	1600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4

Matrix: Solid Lab File ID: z10777.d

Analysis Method: 8270C Date Collected: 10/05/2011 12:15

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 16:51

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: _____ Level: (low/med) Low

% Moisture: 57.4 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	23000	U	23000	2000
132-64-9	Dibenzofuran	3100	J	7700	1200
121-14-2	2,4-Dinitrotoluene	1600	U	1600	230
84-66-2	Diethyl phthalate	7700	U	7700	1000
86-73-7	Fluorene	5200	J	7700	1300
7005-72-3	4-Chlorophenyl phenyl ether	7700	U	7700	1300
100-01-6	4-Nitroaniline	16000	U	16000	1600
534-52-1	4,6-Dinitro-2-methylphenol	23000	U	23000	3700
86-30-6	N-Nitrosodiphenylamine	7700	U	7700	1300
101-55-3	4-Bromophenyl phenyl ether	7700	U	7700	1400
118-74-1	Hexachlorobenzene	770	U	770	110
1912-24-9	Atrazine	7700	U	7700	1400
87-86-5	Pentachlorophenol	23000	U	23000	3800
85-01-8	Phenanthrene	73000		7700	1400
120-12-7	Anthracene	14000		7700	1400
86-74-8	Carbazole	11000		7700	1200
84-74-2	Di-n-butyl phthalate	7700	U	7700	1200
206-44-0	Fluoranthene	130000		7700	1300
129-00-0	Pyrene	81000		7700	1300
85-68-7	Butyl benzyl phthalate	9700		7700	910
91-94-1	3,3'-Dichlorobenzidine	16000	U	16000	1700
56-55-3	Benzo[a]anthracene	47000		770	140
218-01-9	Chrysene	51000		7700	1100
117-81-7	Bis(2-ethylhexyl) phthalate	3200	J	7700	1000
117-84-0	Di-n-octyl phthalate	7700	U	7700	920
205-99-2	Benzo[b]fluoranthene	50000		770	120
207-08-9	Benzo[k]fluoranthene	26000		770	110
50-32-8	Benzo[a]pyrene	39000		770	96
193-39-5	Indeno[1,2,3-cd]pyrene	33000		770	120
53-70-3	Dibenz(a,h)anthracene	4800		770	93
191-24-2	Benzo[g,h,i]perylene	29000		7700	820

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: z10777.d
Analysis Method: 8270C Date Collected: 10/05/2011 12:15
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 16:51
Con. Extract Vol.: 1(mL) Dilution Factor: 10
Injection Volume: _____ Level: (low/med) Low
% Moisture: 57.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	0	D	10-120
321-60-8	2-Fluorobiphenyl	0	D	40-109
367-12-4	2-Fluorophenol (Surr)	0	D	37-125
4165-60-0	Nitrobenzene-d5 (Surr)	0	D	38-105
4165-62-2	Phenol-d5 (Surr)	0	D	41-118
1718-51-0	Terphenyl-d14 (Surr)	0	D	16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-143</u>	Lab Sample ID: <u>460-32125-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10777.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 16:51</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>10</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>57.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>13</u>	TIC Result Total: <u>163700</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C15H12 PAH-1	8.45	7800	J
	C15H10 PAH	8.53	11000	J
84-65-1	9,10-Anthracenedione	8.74	13000	J N
	C17H12 PAH-1	9.65	8000	J
	C20H12 PAH-1	11.83	9300	J
	C20H12 PAH-2	12.04	28000	J
	C20H12 PAH-3	12.20	12000	J
	Unknown-1	13.27	7700	J
	C22H12 PAH-1	13.36	9300	J
	C22H14 PAH-1	13.68	8800	J
	C24H14 PAHs	15.27	17000	J
	C24H14 PAHs	15.38	9800	J
	C24H14 PAHs	15.96	22000	J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Report Date: 15-Oct-2011 11:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Lab Smp Id: 460-32125-D-4-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 16:51
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-4-A
 Misc Info : 460-32125-D-4-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 16
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	57.41176	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4		152	3.444	3.449	(1.000)	325095	40.0000	
* 80 Naphthalene-d8		136	4.743	4.755	(1.000)	1063831	40.0000	
31 Naphthalene		128	4.767	4.773	(1.005)	23673	0.81591	1300(a)
34 2-Methylnaphthalene		142	5.467	5.473	(1.153)	15710	0.93061	1400(a)
120 1-Methylnaphthalene		142	5.567	5.573	(1.174)	10406	0.60736	950(a)
* 82 Acenaphthene-d10		164	6.490	6.496	(1.000)	477025	40.0000	
42 Acenaphthene		154	6.520	6.532	(1.005)	69271	5.14413	8000
43 Dibenzofuran		168	6.696	6.702	(1.032)	36291	1.97878	3100(a)
47 Fluorene		166	7.026	7.037	(1.082)	48390	3.30879	5200(a)
* 83 Phenanthrene-d10		188	7.931	7.937	(1.000)	633777	40.0000	
52 Phenanthrene		178	7.955	7.961	(1.003)	827810	46.6267	73000
53 Anthracene		178	8.002	8.008	(1.009)	158346	8.76216	14000
54 Carbazole		167	8.173	8.178	(1.030)	100078	6.95994	11000

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Report Date: 15-Oct-2011 11:07

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
56 Fluoranthene	202	9.114	9.114	(1.149)	1161573	80.0768	120000
57 Pyrene	202	9.325	9.325	(0.886)	881543	51.4624	80000
59 Butylbenzylphthalate	149	10.002	10.002	(0.951)	47501	6.20224	9700
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	352520	30.0715	47000
* 81 Chrysene-d12	240	10.520	10.519	(1.000)	401625	40.0000	
62 Chrysene	228	10.543	10.549	(1.002)	373540	32.3037	50000
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	21145	2.03392	3200(a)
65 Benzo(b)fluoranthene	252	11.714	11.714	(0.963)	387490	31.6479	50000
66 Benzo(k)fluoranthene	252	11.743	11.743	(0.965)	203307	16.3492	26000
67 Benzo(a)pyrene	252	12.096	12.096	(0.994)	243086	24.9583	39000
* 84 Perylene-d12	264	12.166	12.166	(1.000)	394759	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.484	13.484	(1.108)	182520	21.2471	33000
69 Dibenz(a,h)anthracene	278	13.513	13.519	(1.111)	28582	3.08604	4800
70 Benzo(g,h,i)perylene	276	13.802	13.807	(1.134)	174210	18.4085	29000

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Report Date: 15-Oct-2011 11:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Lab Smp Id: 460-32125-D-4-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 16:51
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-4-A
 Misc Info : 460-32125-D-4-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 16
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	57.41176	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 83 Phenanthrene-d10	7.931	1742122	40.000
* 81 Chrysene-d12	10.520	2308497	40.000
* 84 Perylene-d12	12.166	1037570	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
C15H12 PAH-1					CAS #:		
8.455	217842	5.00176107	7800	0		0	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10777.d
 Report Date: 15-Oct-2011 11:07

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
C15H10 PAH					CAS #:		
8.526	302219	6.93910049	11000	0		0	83
9,10-Anthracenedione					CAS #: 84-65-1		
8.737	353762	8.12255955	13000	98	NIST02.l	61654	83
C17H12 PAH-1					CAS #:		
9.655	294956	5.11078996	8000	0		0	81
C20H12 PAH-1					CAS #:		
11.831	154328	5.94957544	9300	0		0	84
C20H12 PAH-2					CAS #:		
12.037	467942	18.0398911	28000	0		0	84
C20H12 PAH-3					CAS #:		
12.196	194727	7.50704788	12000	0		0	84
Unknown-1					CAS #:		
13.266	128035	4.93595468	7700	0		0	84
C22H12 PAH-1					CAS #:		
13.361	154319	5.94923082	9300	0		0	84
C22H14 PAH-1					CAS #:		
13.678	145206	5.59791664	8800	0		0	84
C24H14 PAHS					CAS #:		
15.266	283369	10.9243172	17000	0		0	84
C24H14 PAHS					CAS #:		
15.378	162483	6.26398571	9800	0		0	84
C24H14 PAHS					CAS #:		
15.960	359035	13.8413866	22000	0		0	84

Data File: z10777.d

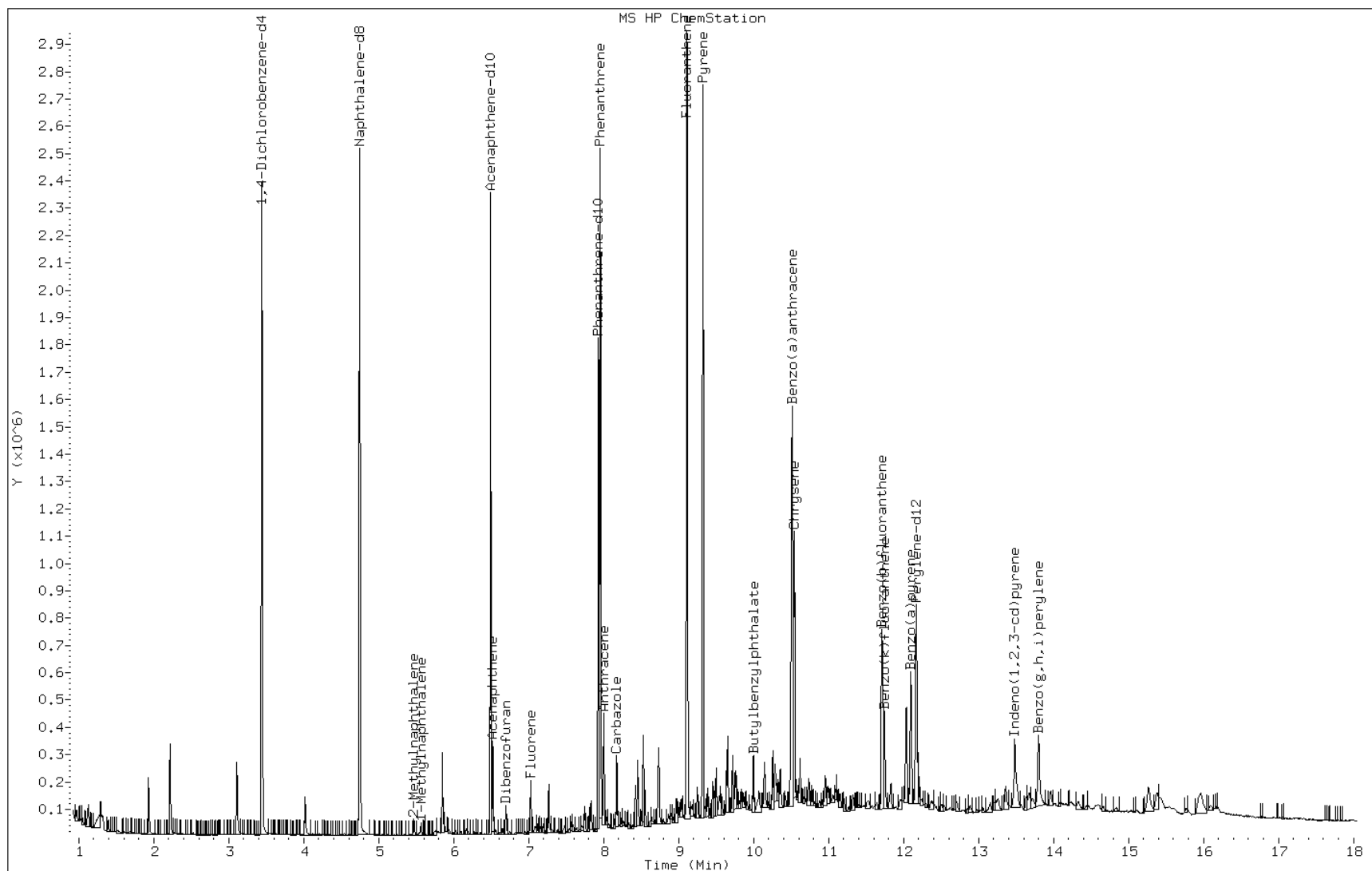
Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4



Data File: z10777.d

Date: 13-OCT-2011 16:51

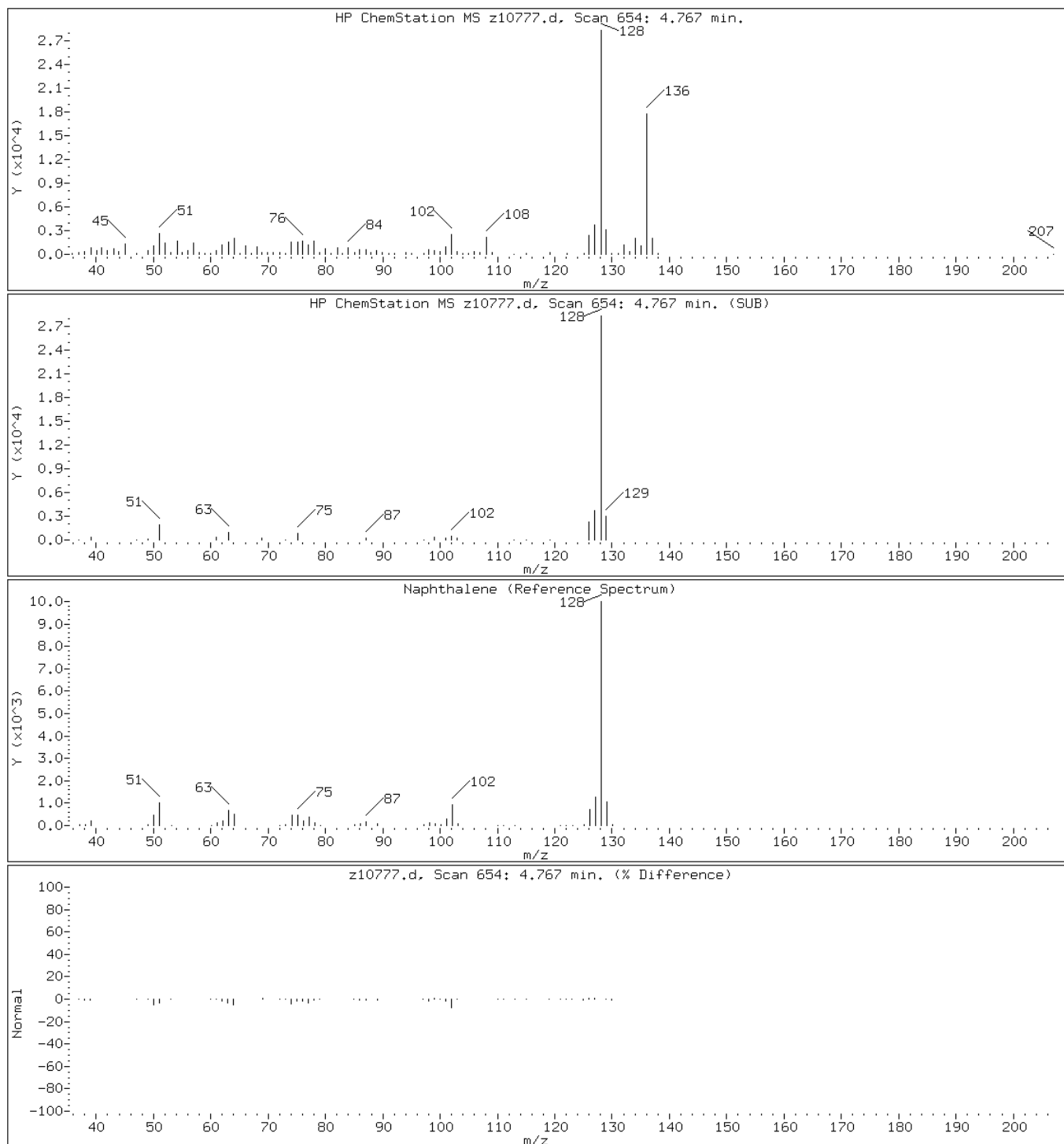
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

31 Naphthalene



Data File: z10777.d

Date: 13-OCT-2011 16:51

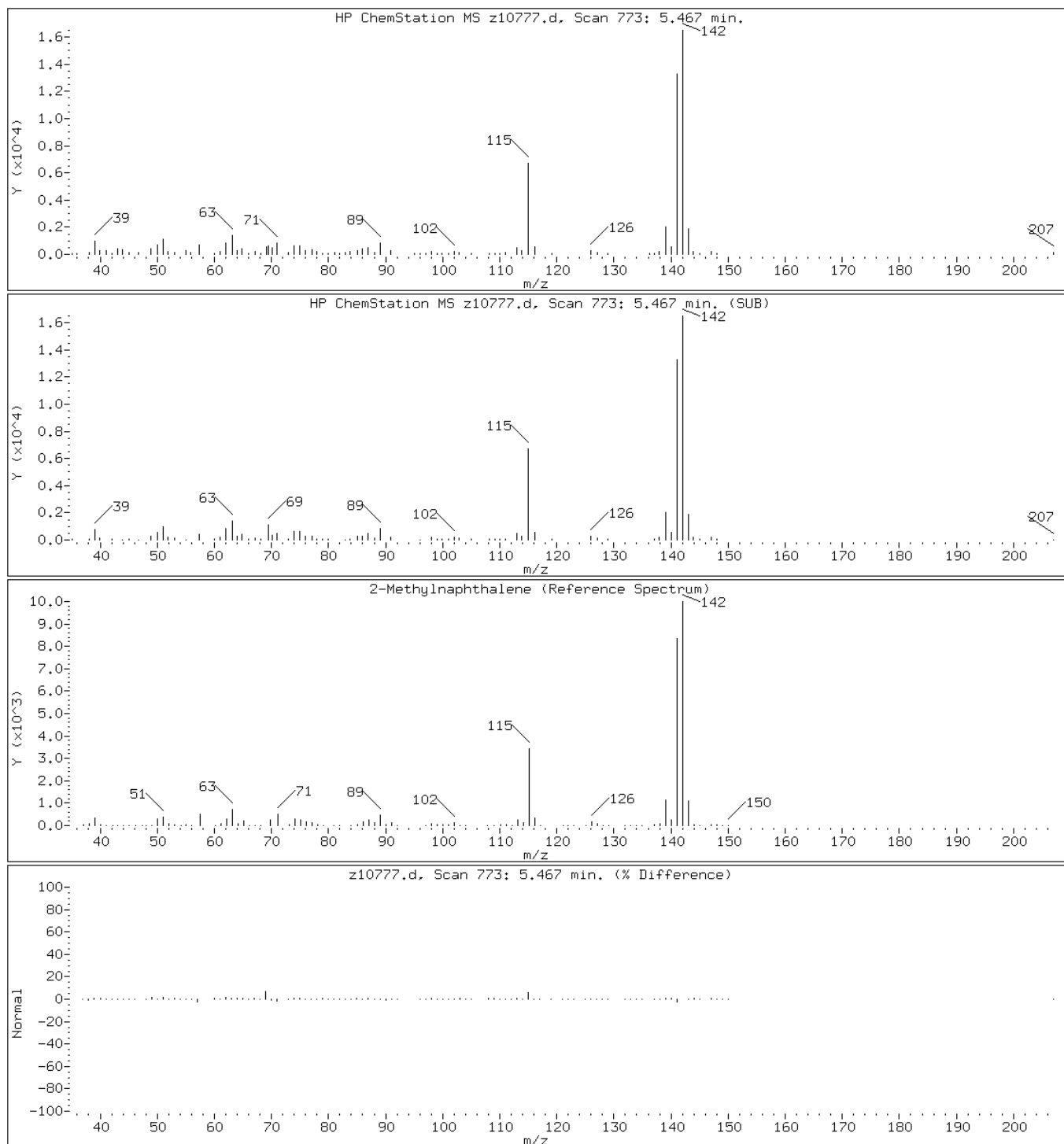
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: z10777.d

Date: 13-OCT-2011 16:51

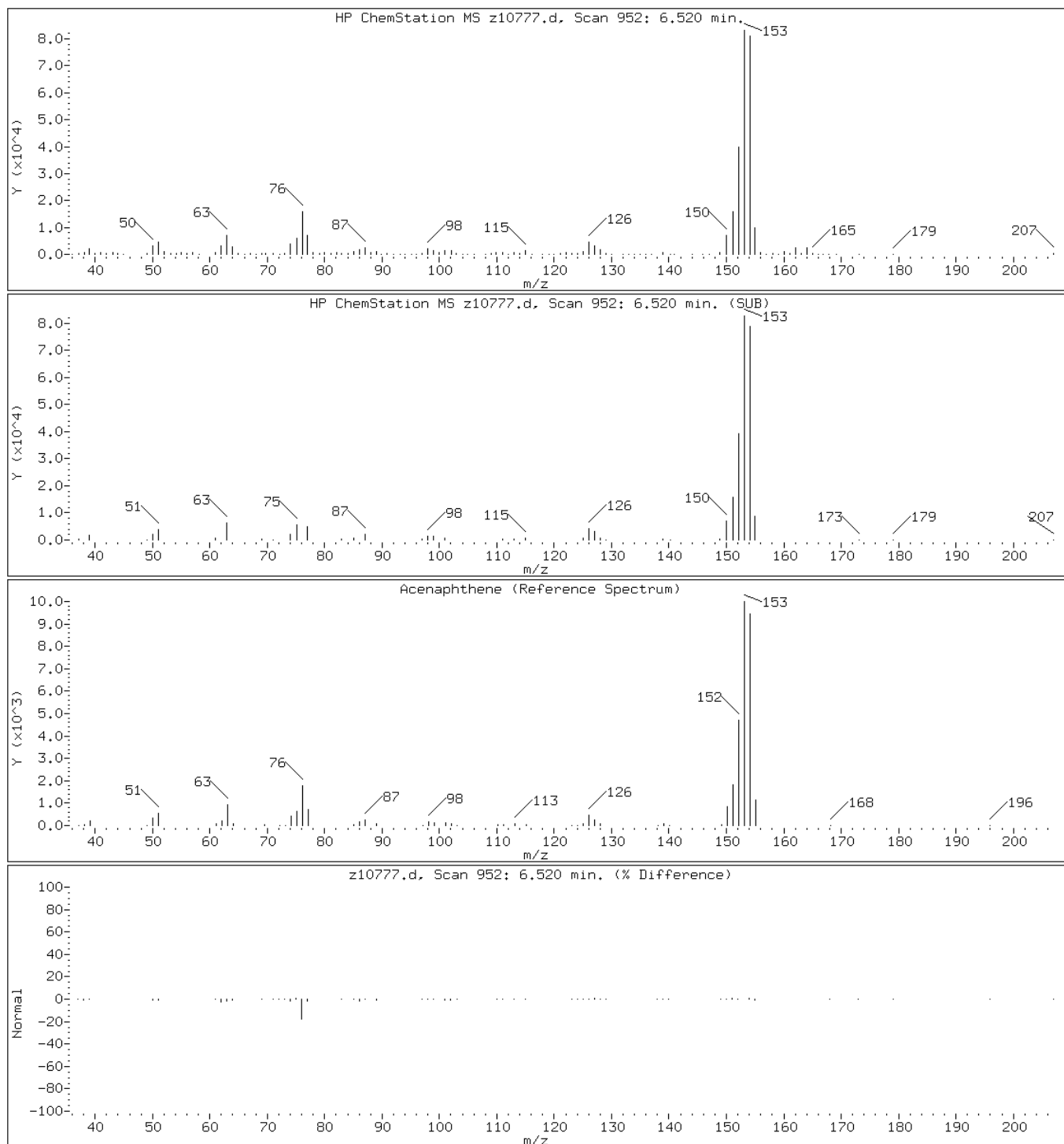
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Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

42 Acenaphthene



Data File: z10777.d

Date: 13-OCT-2011 16:51

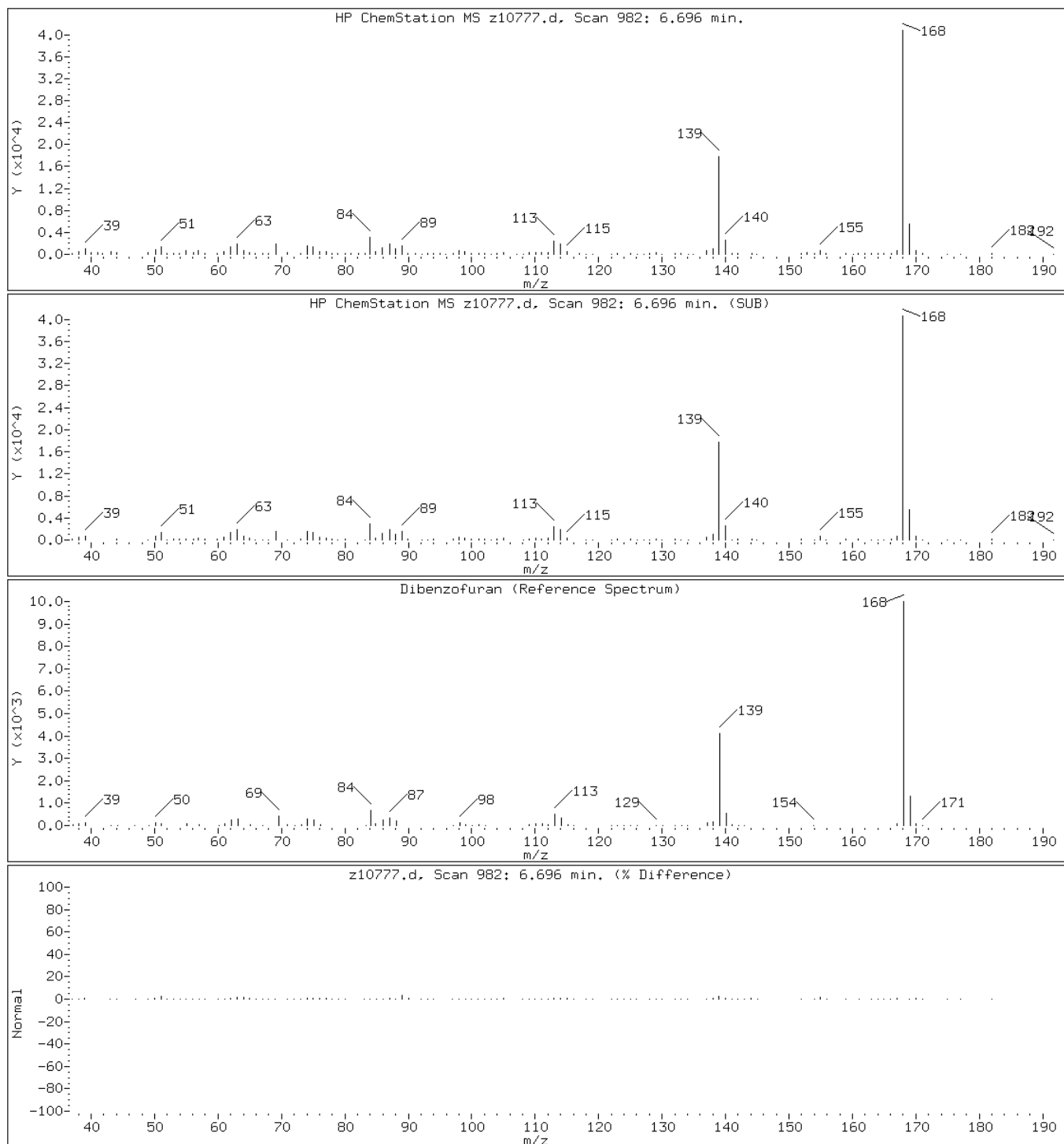
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

43 Dibenzofuran



Data File: z10777.d

Date: 13-OCT-2011 16:51

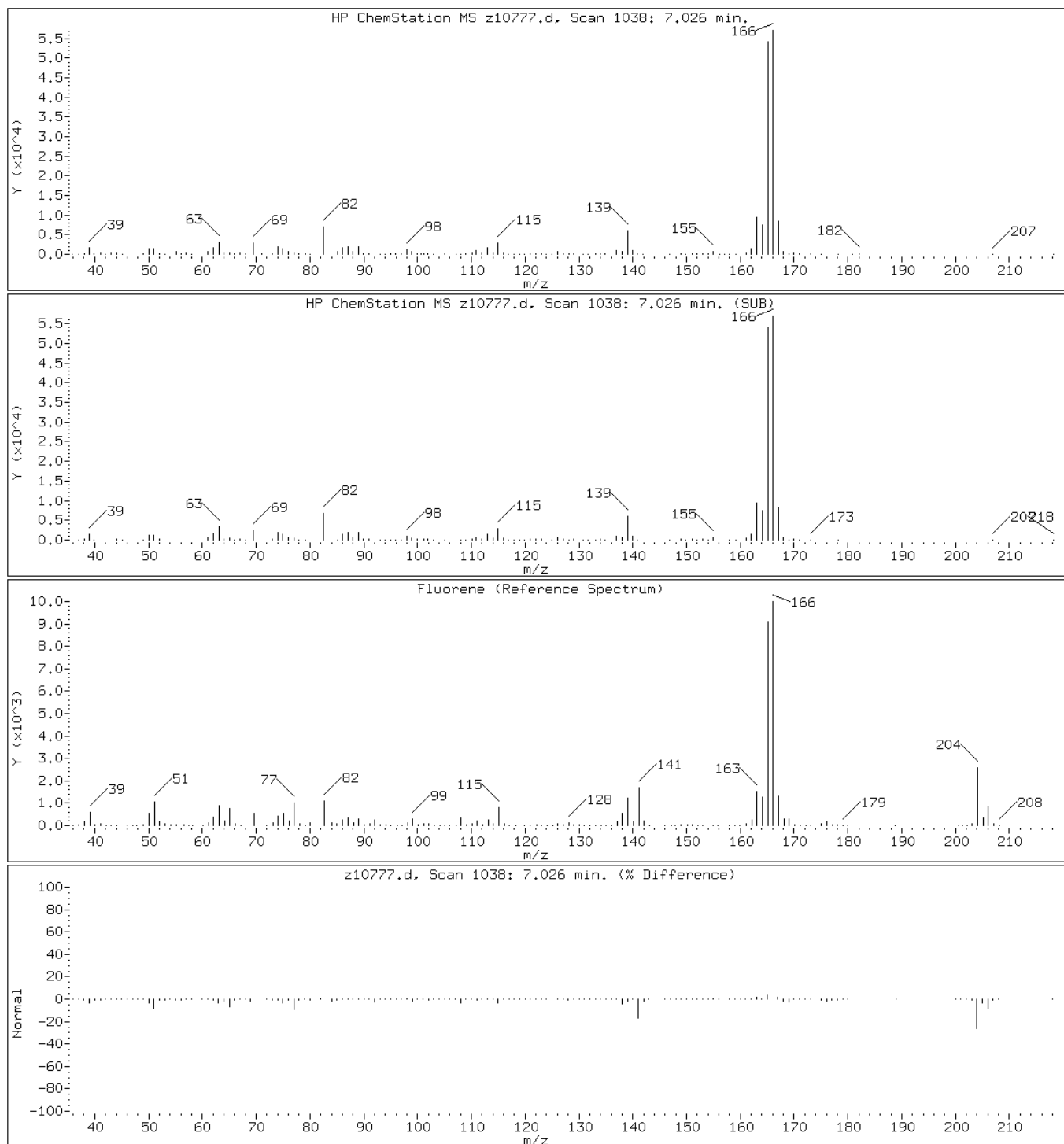
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

47 Fluorene



Data File: z10777.d

Date: 13-OCT-2011 16:51

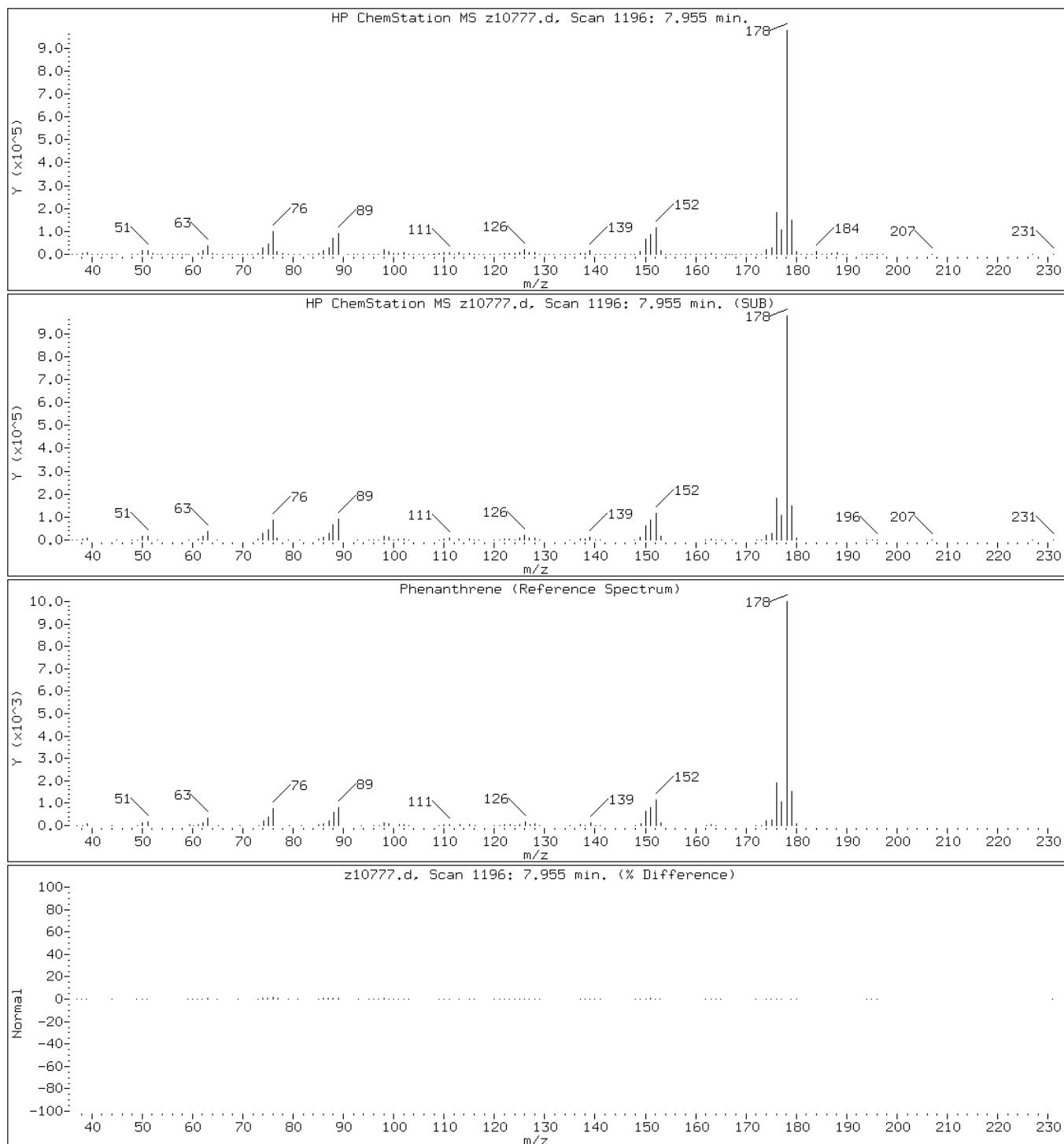
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10777.d

Date: 13-OCT-2011 16:51

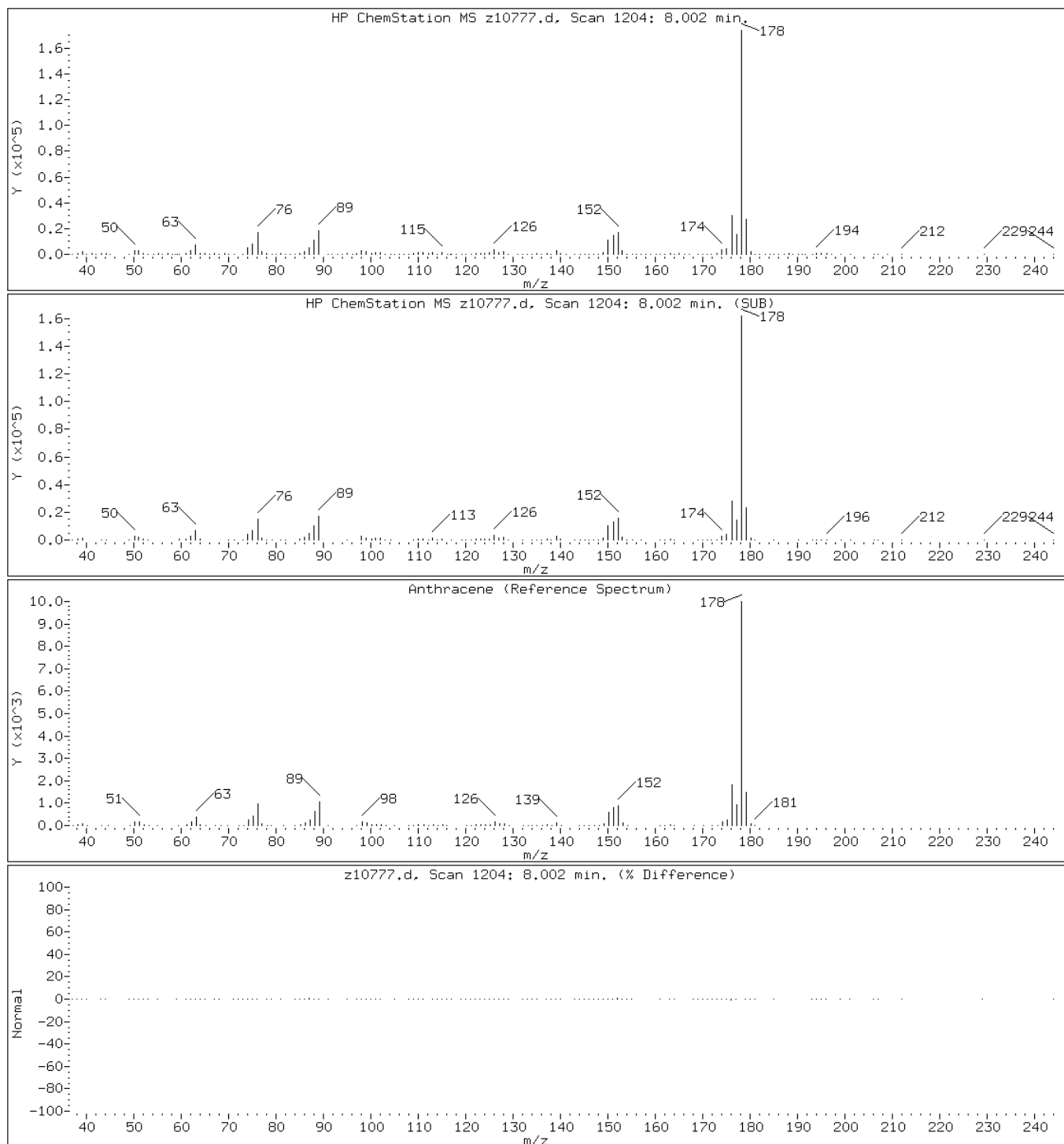
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

53 Anthracene



Data File: z10777.d

Date: 13-OCT-2011 16:51

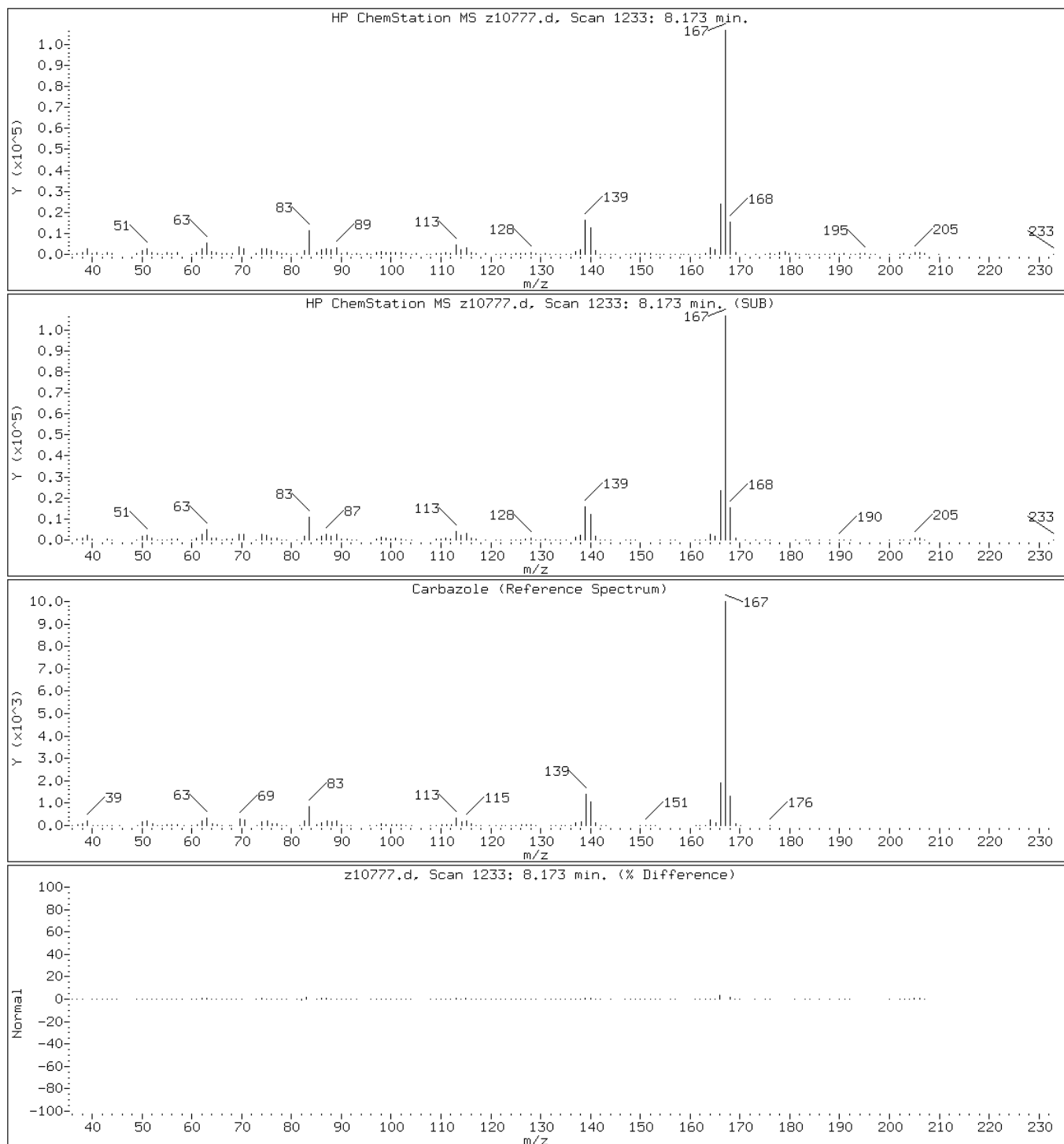
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

54 Carbazole



Data File: z10777.d

Date: 13-OCT-2011 16:51

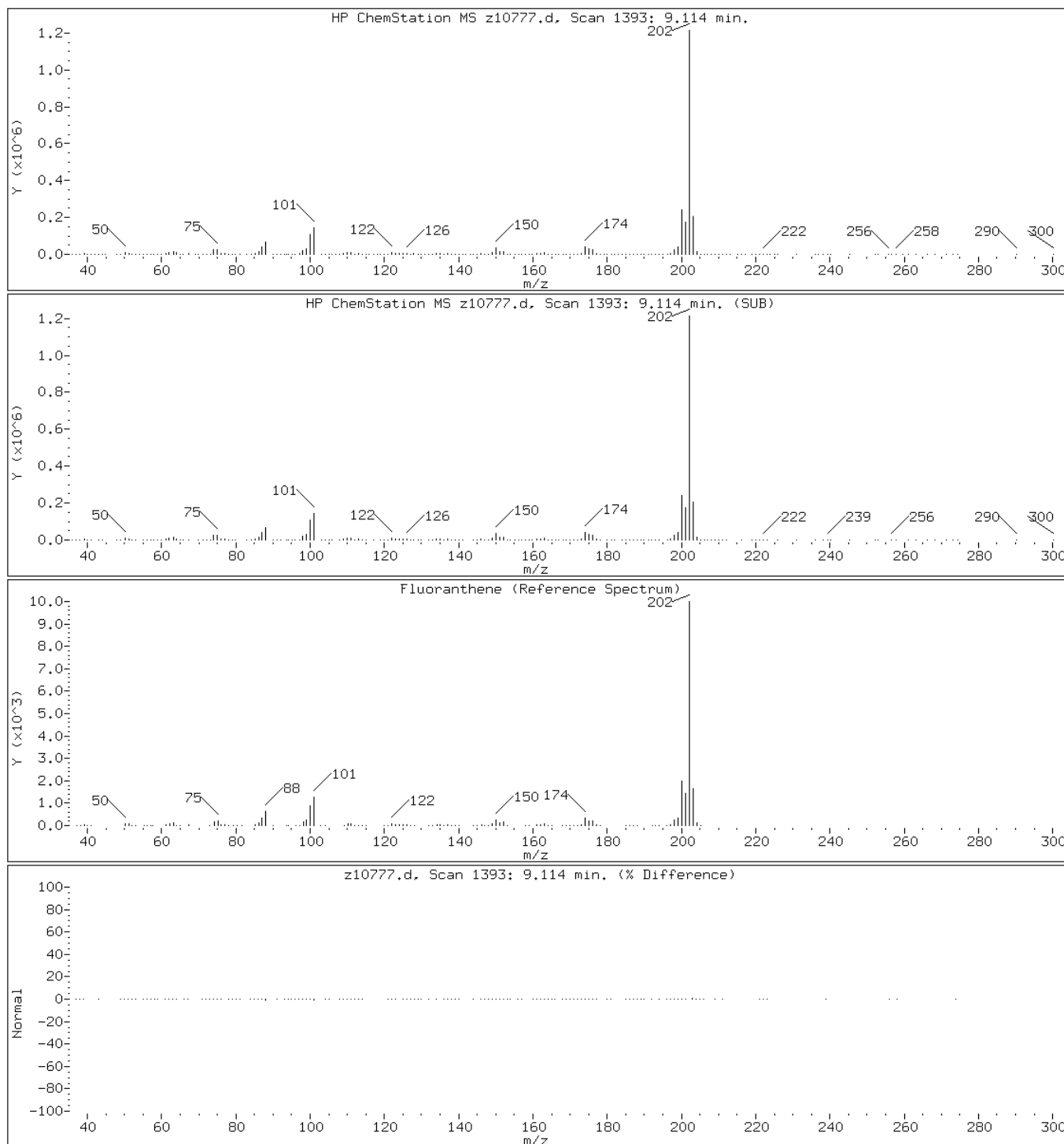
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10777.d

Date: 13-OCT-2011 16:51

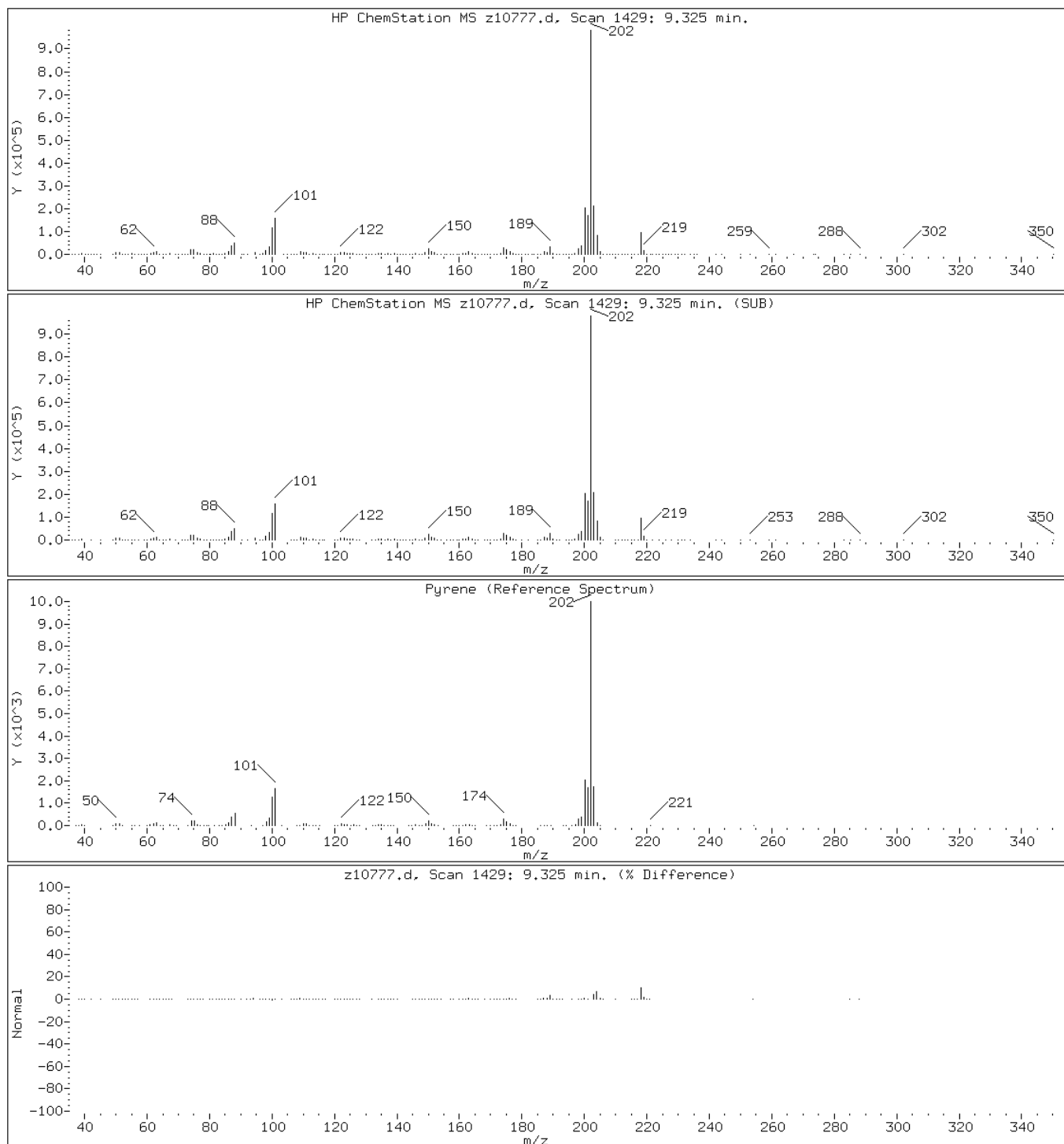
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

57 Pyrene



Data File: z10777.d

Date: 13-OCT-2011 16:51

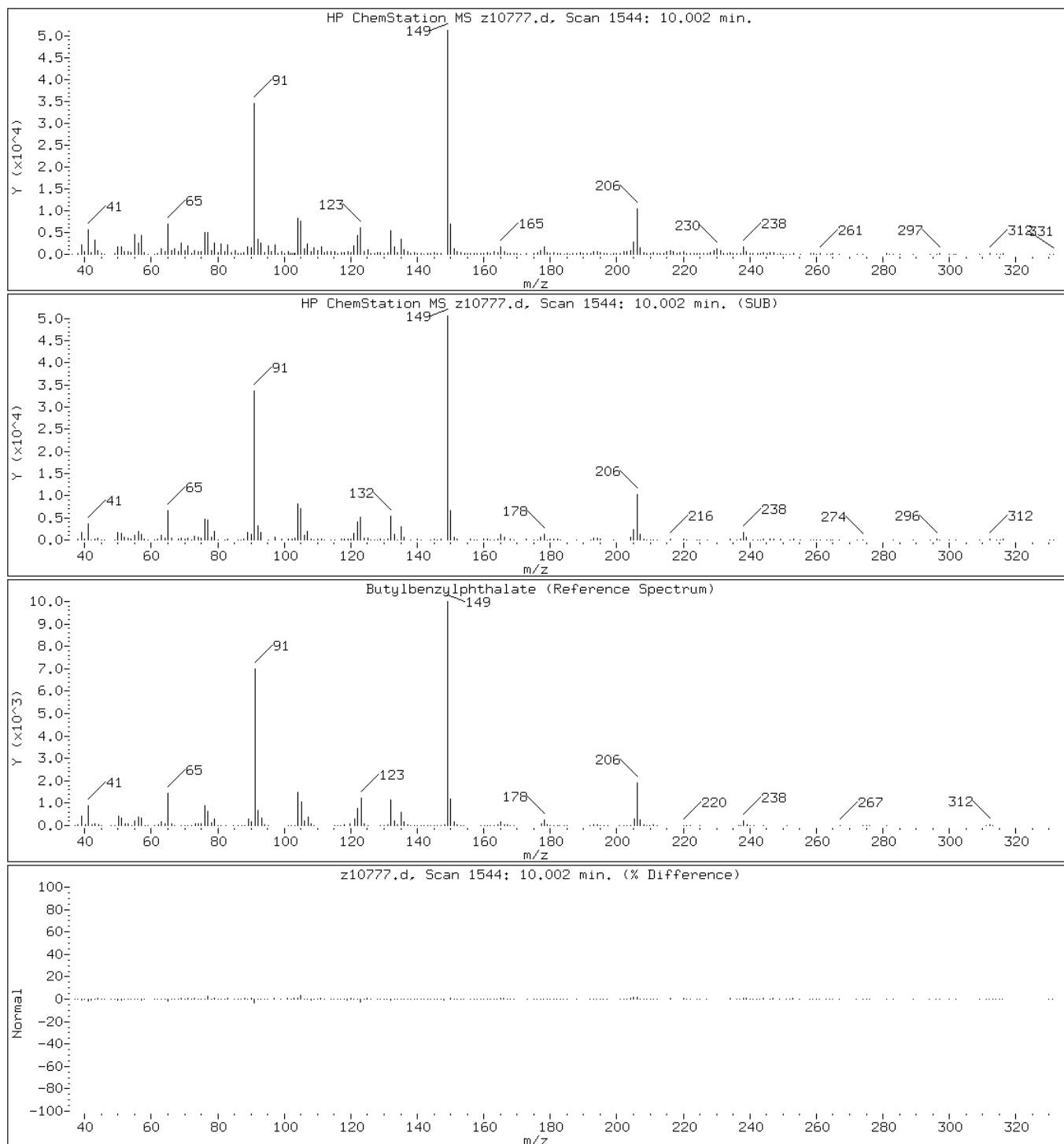
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

59 Butylbenzylphthalate



Data File: z10777.d

Date: 13-OCT-2011 16:51

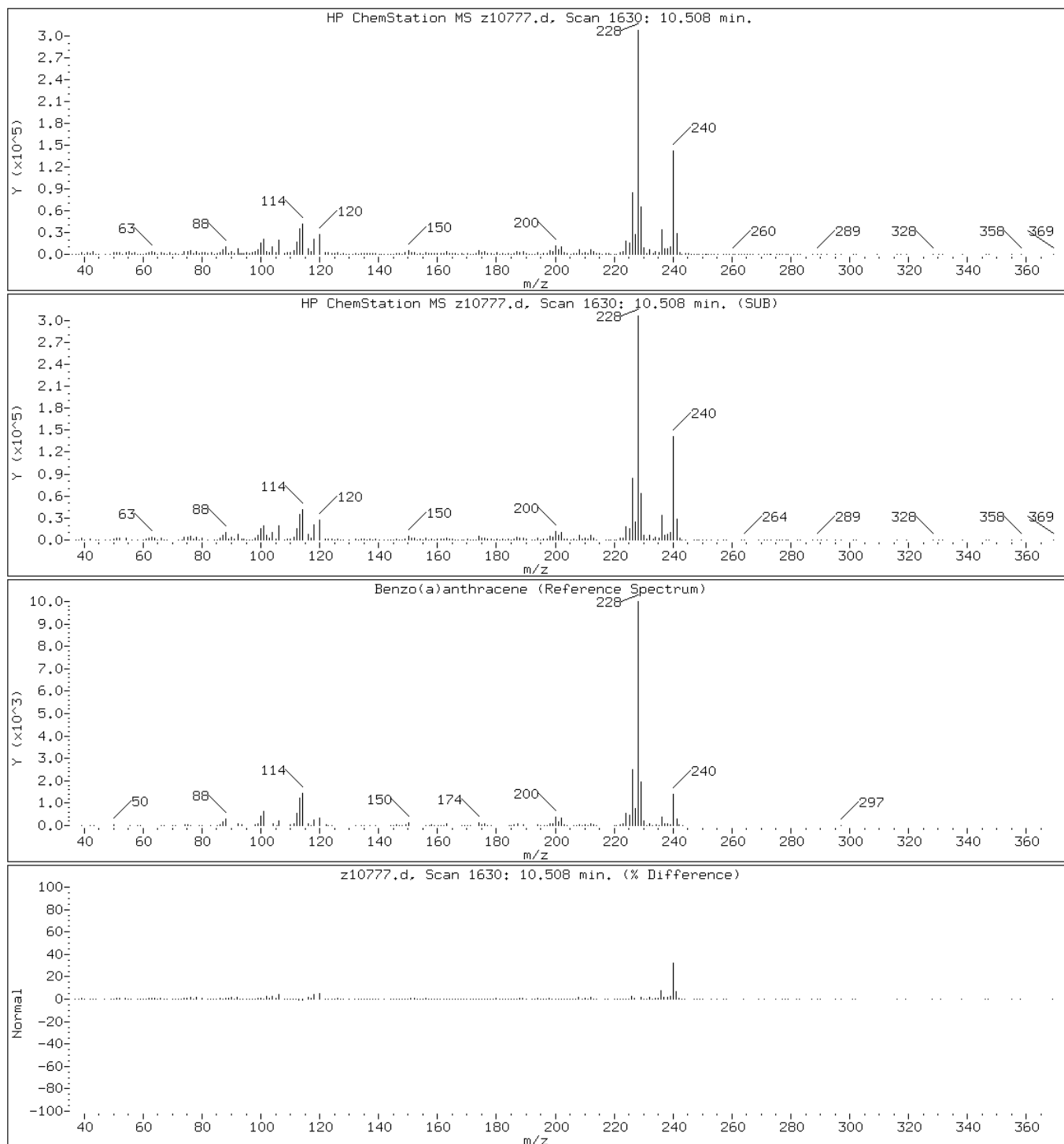
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10777.d

Date: 13-OCT-2011 16:51

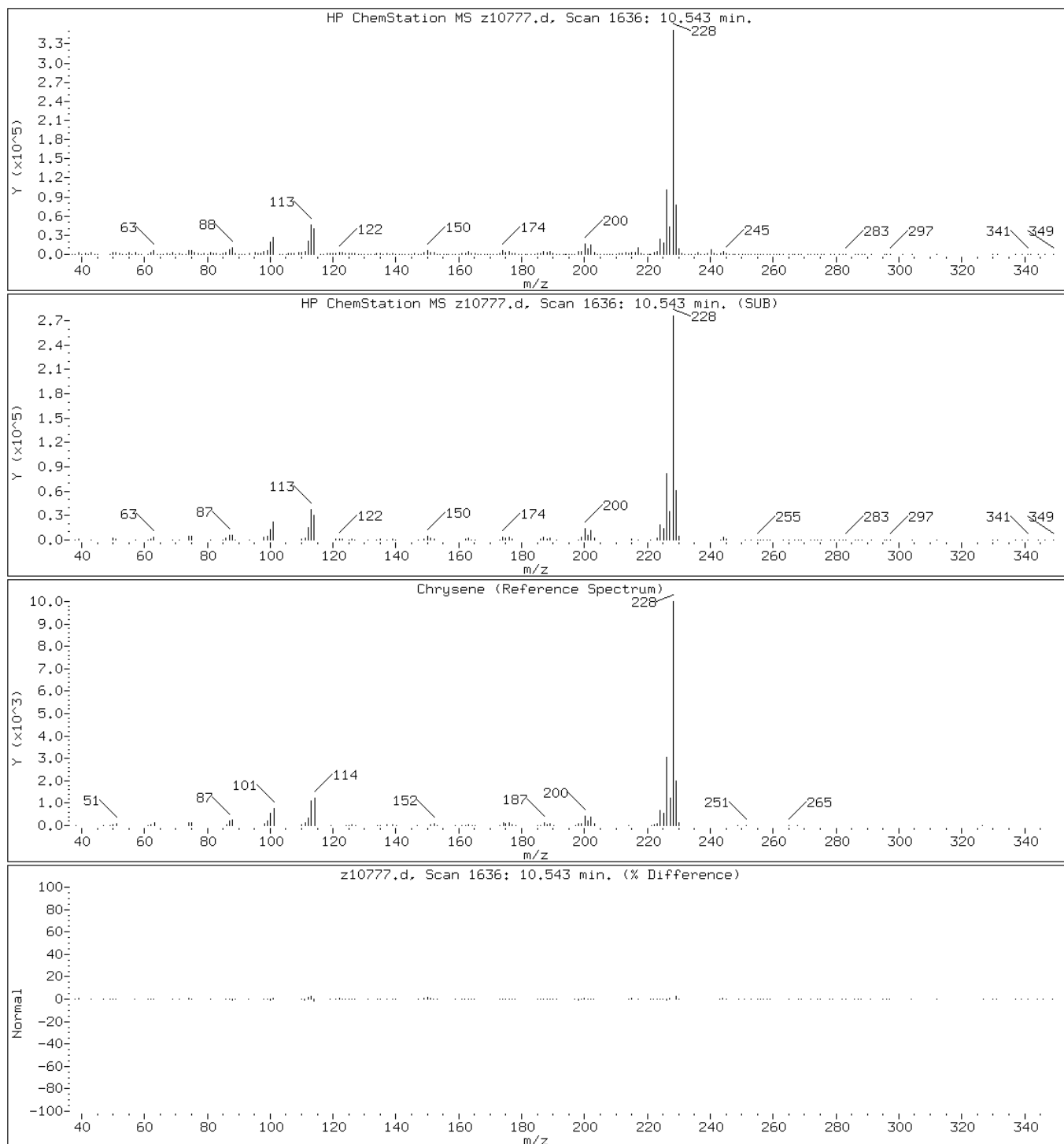
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

62 Chrysene



Data File: z10777.d

Date: 13-OCT-2011 16:51

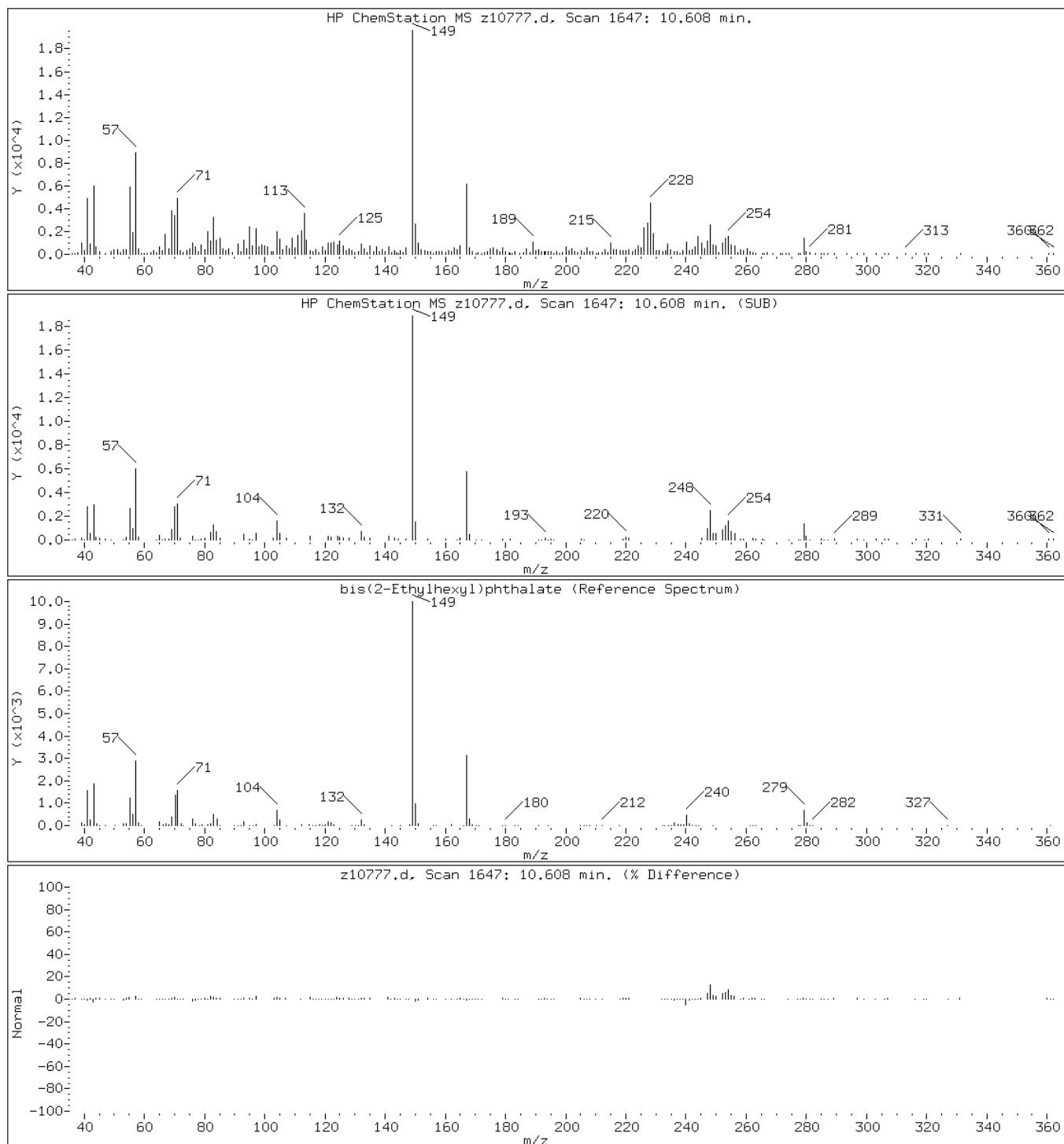
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z10777.d

Date: 13-OCT-2011 16:51

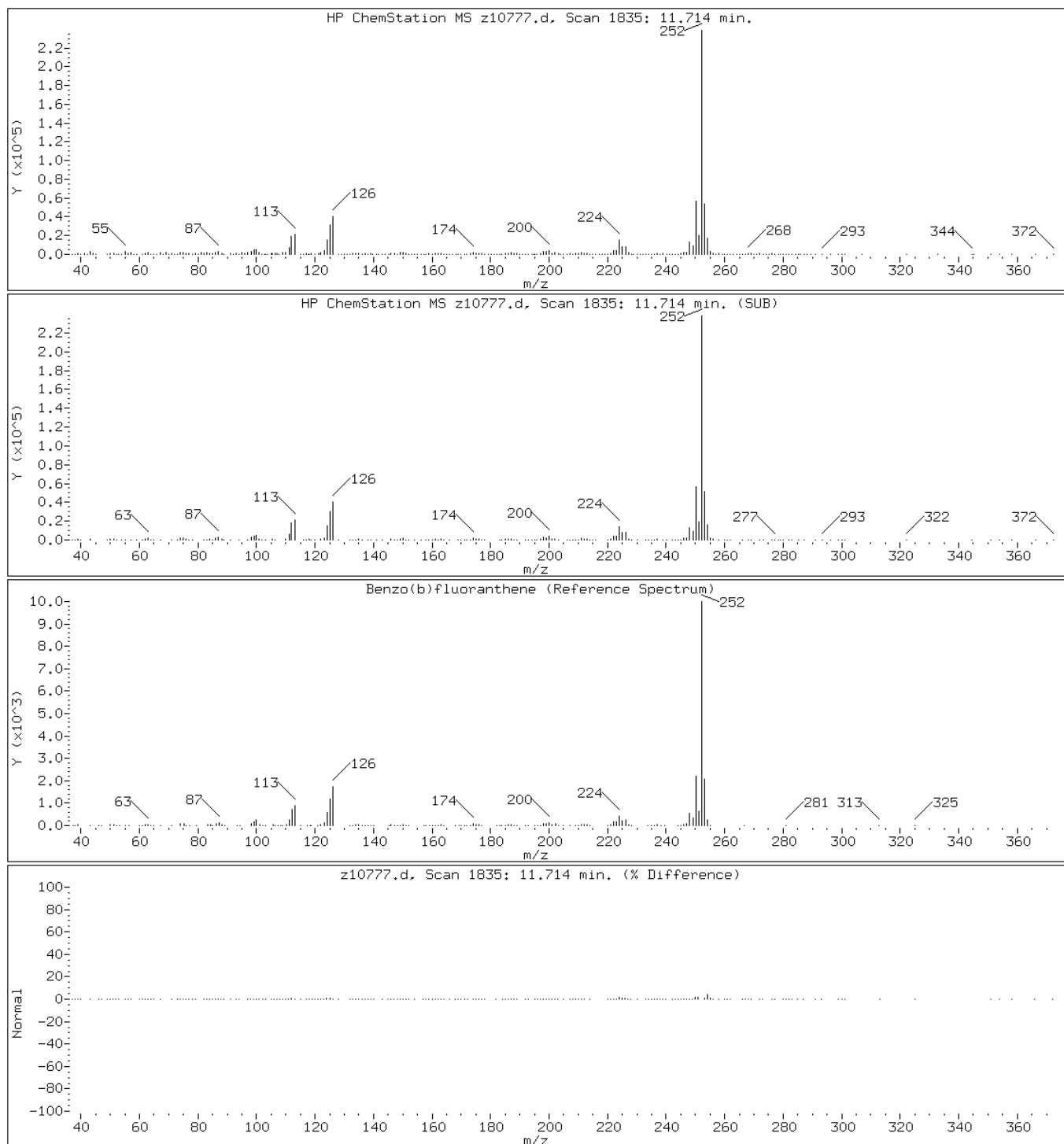
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10777.d

Date: 13-OCT-2011 16:51

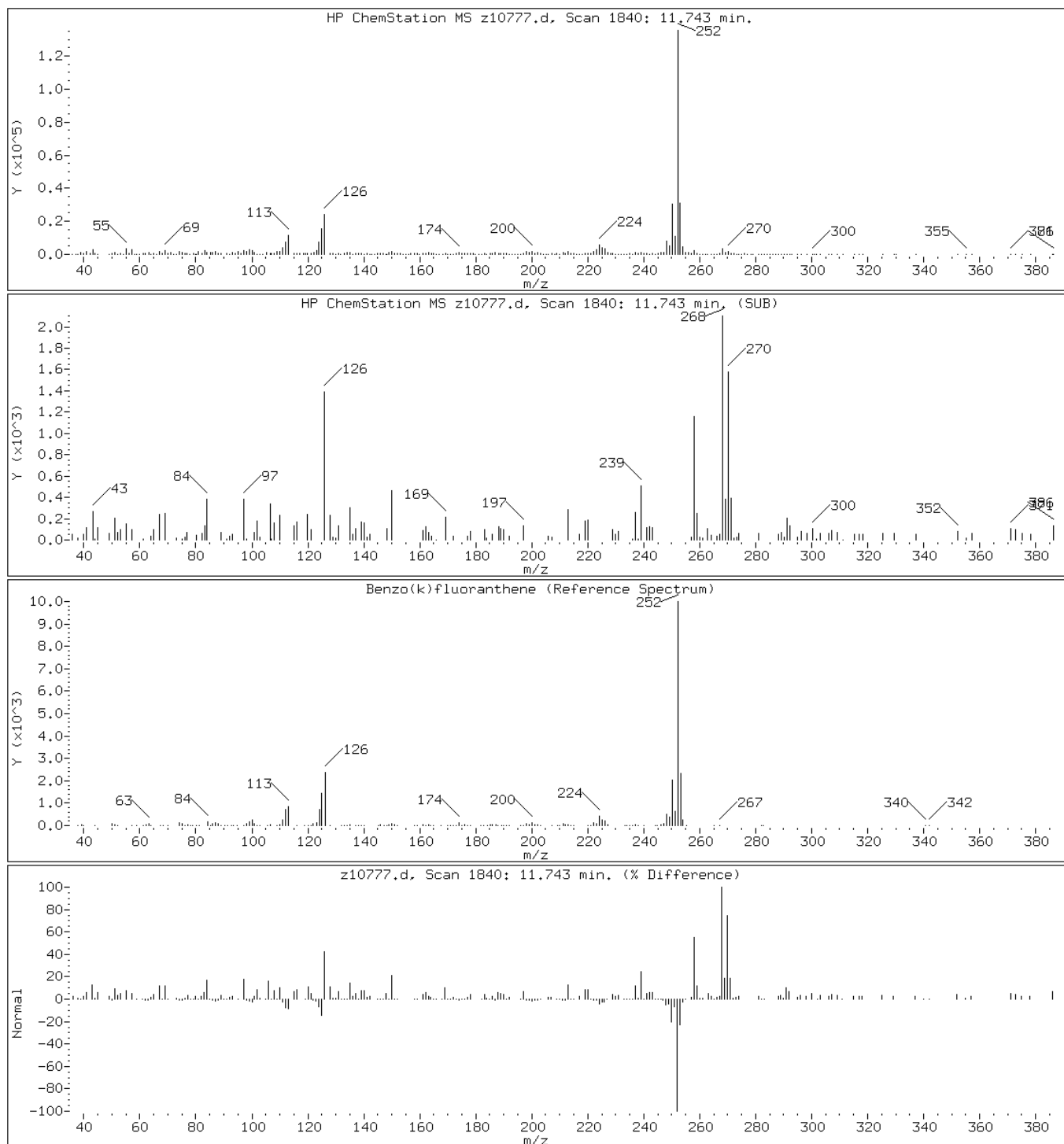
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10777.d

Date: 13-OCT-2011 16:51

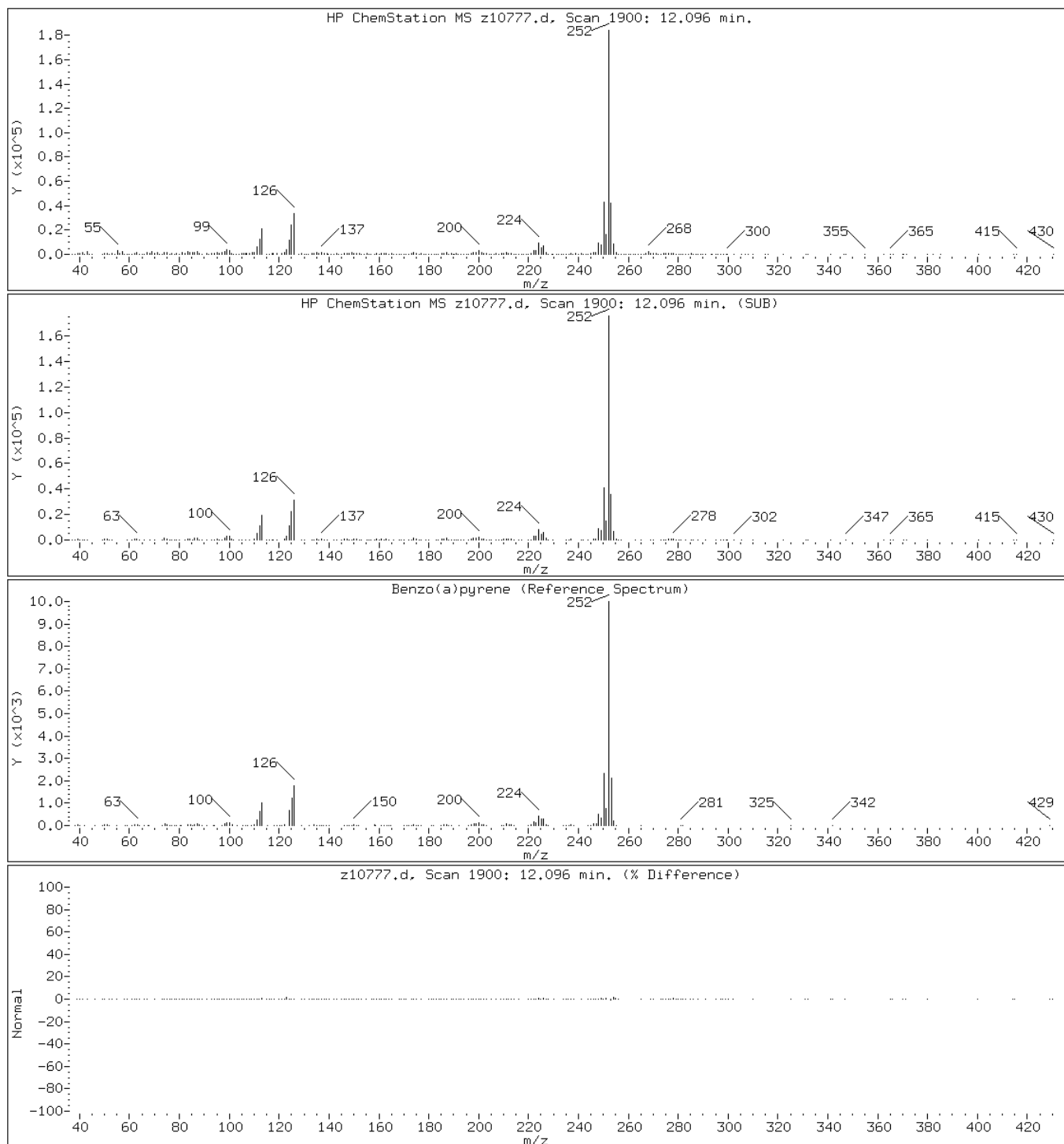
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10777.d

Date: 13-OCT-2011 16:51

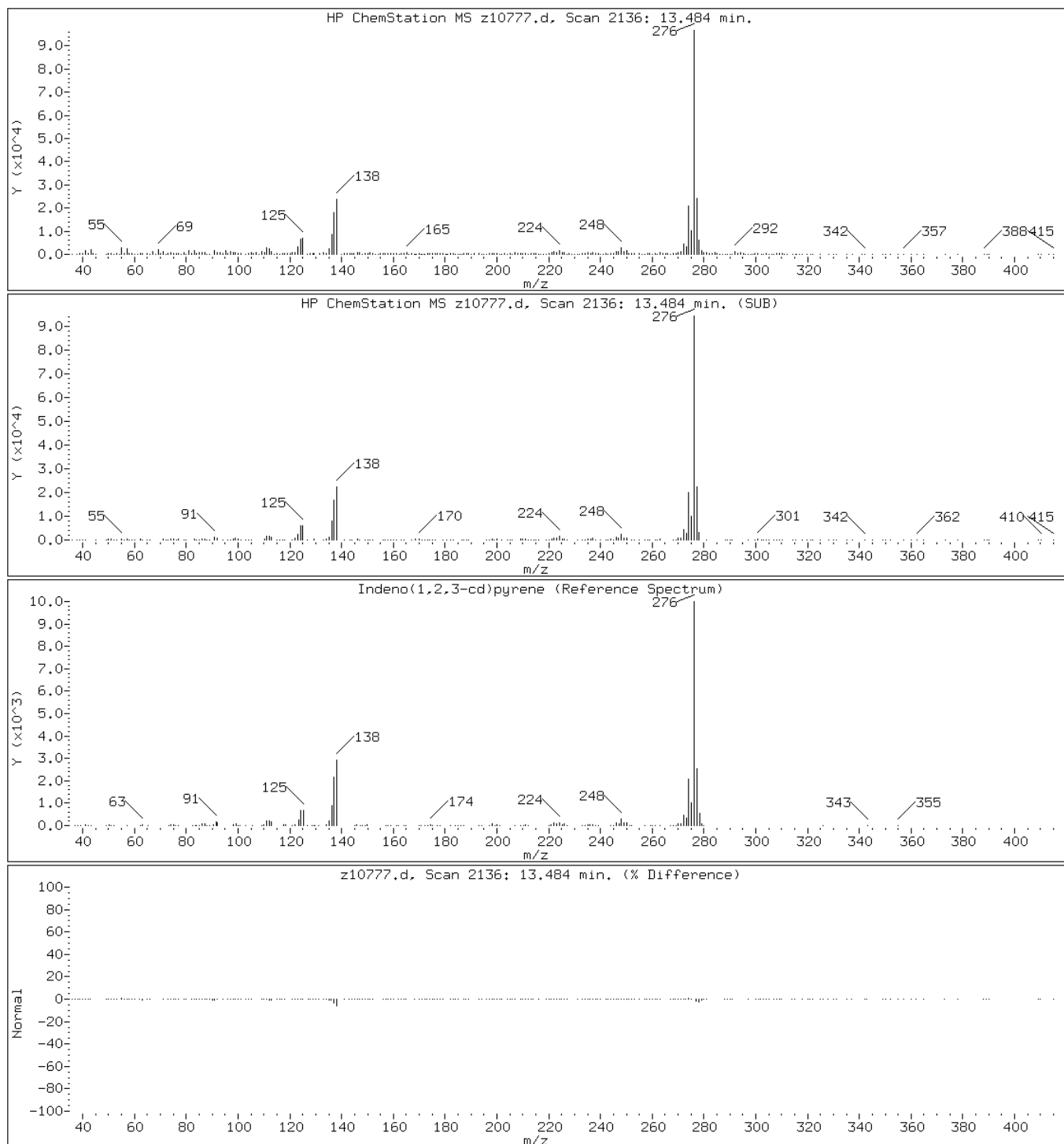
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10777.d

Date: 13-OCT-2011 16:51

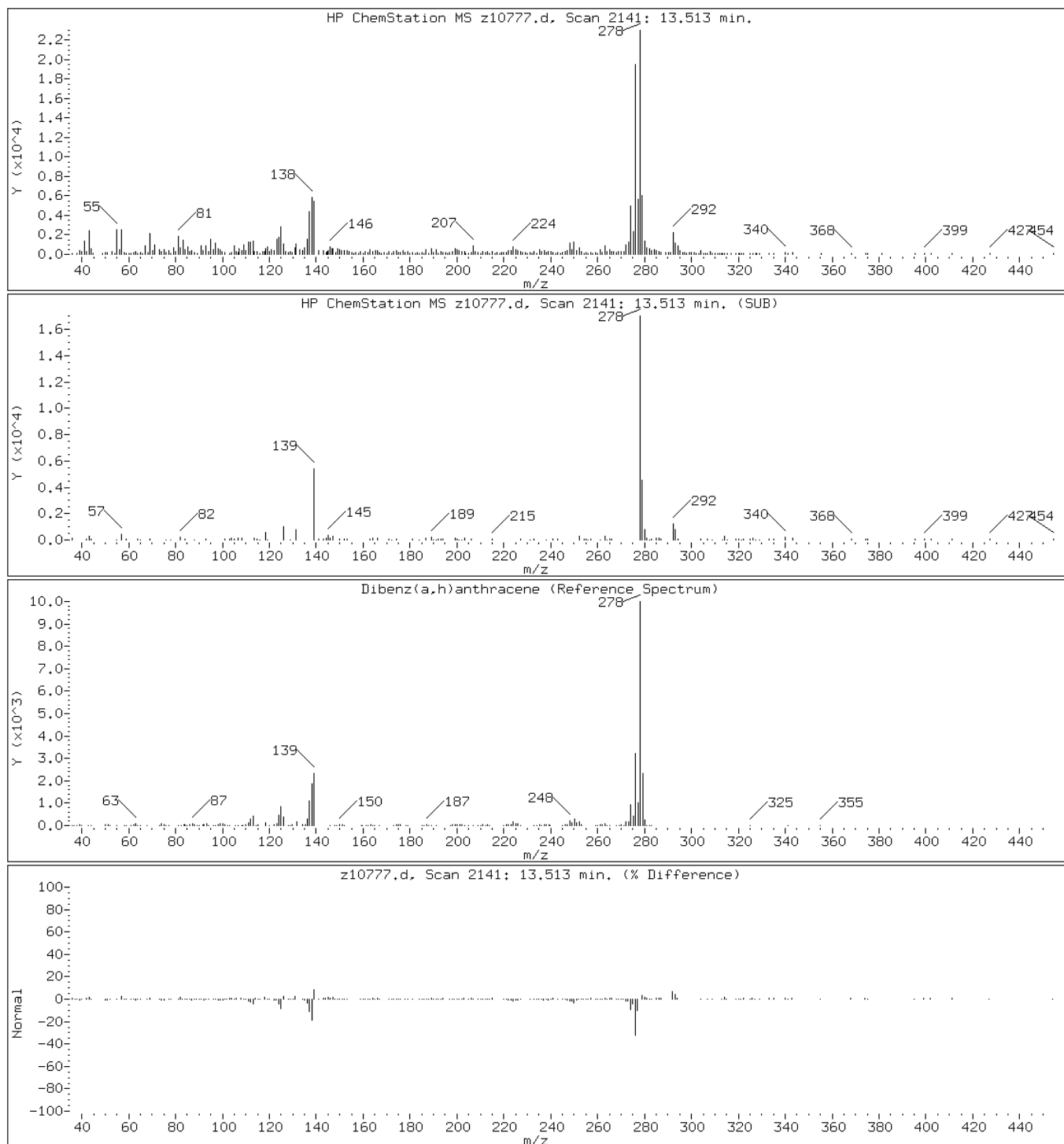
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z10777.d

Date: 13-OCT-2011 16:51

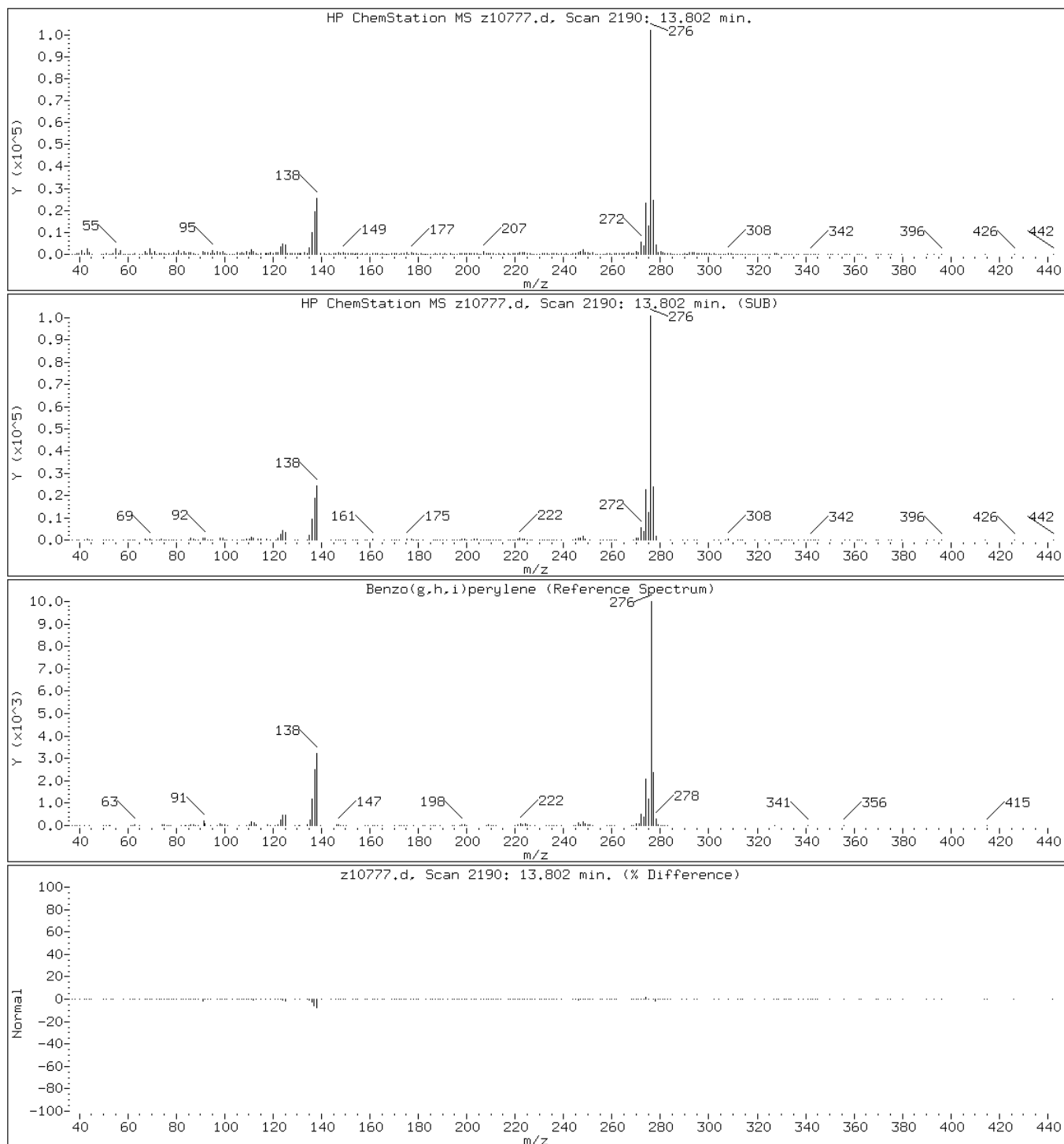
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

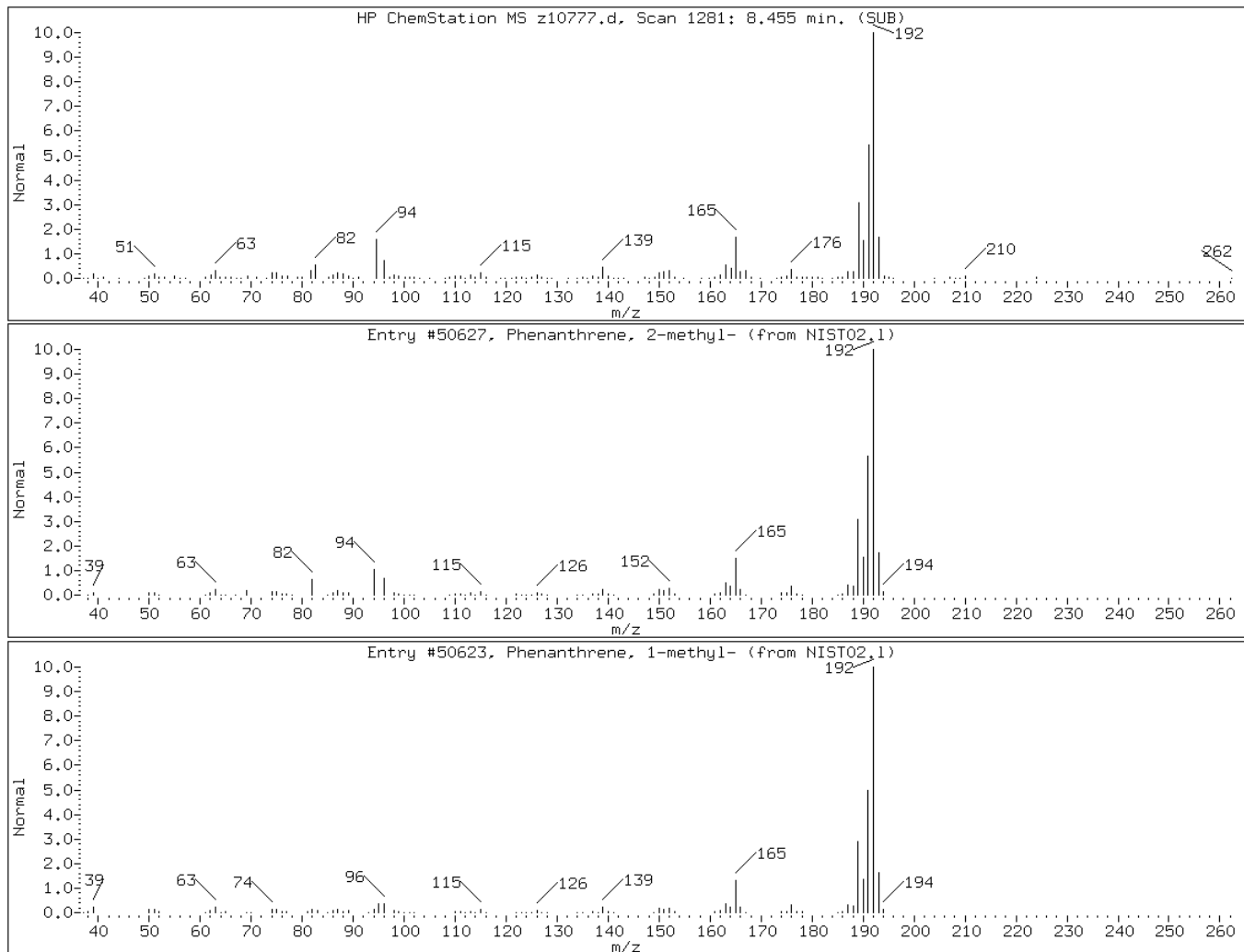
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 8.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.1	50627	97	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.1	50623	97	C15H12	192



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

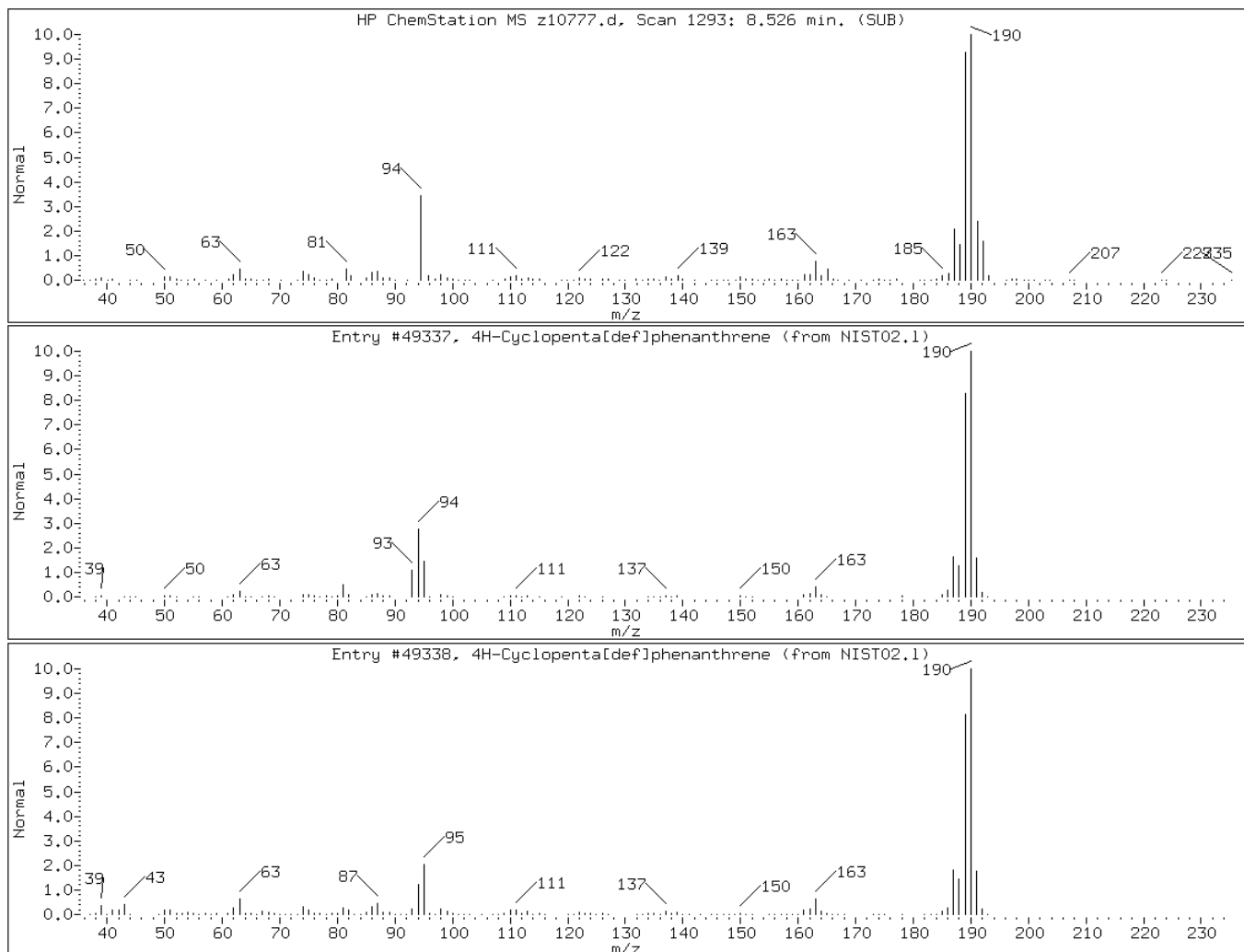
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49337	93	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49338	81	C15H10	190



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

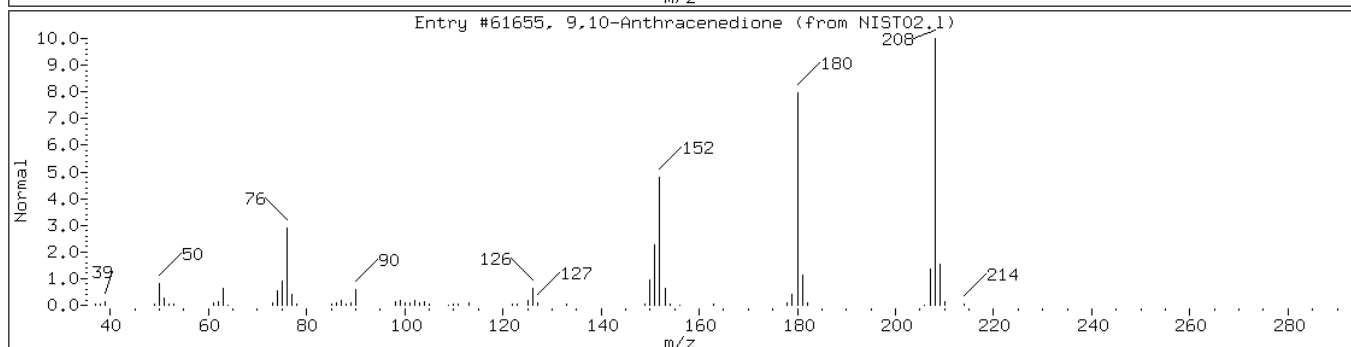
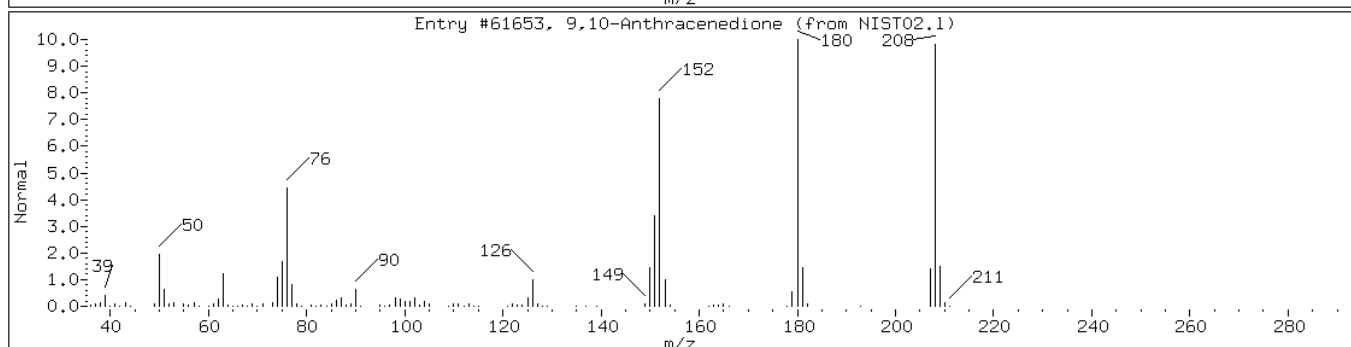
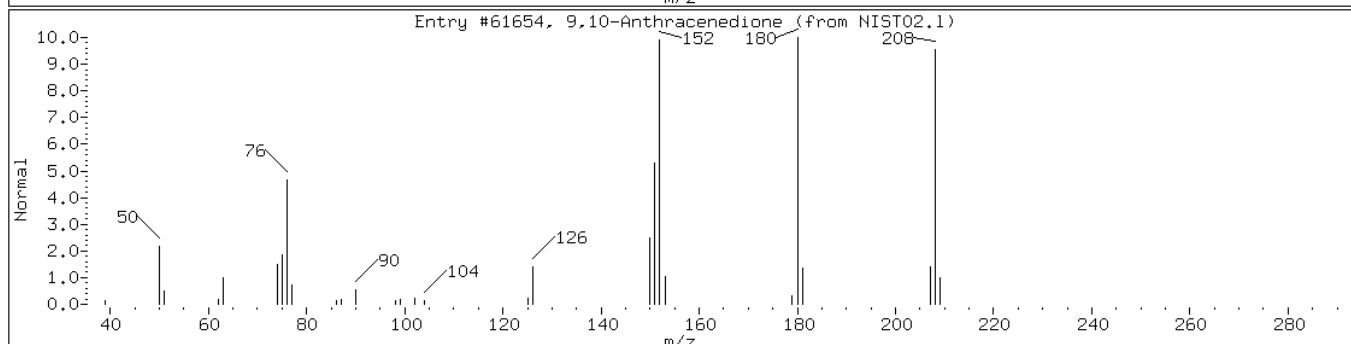
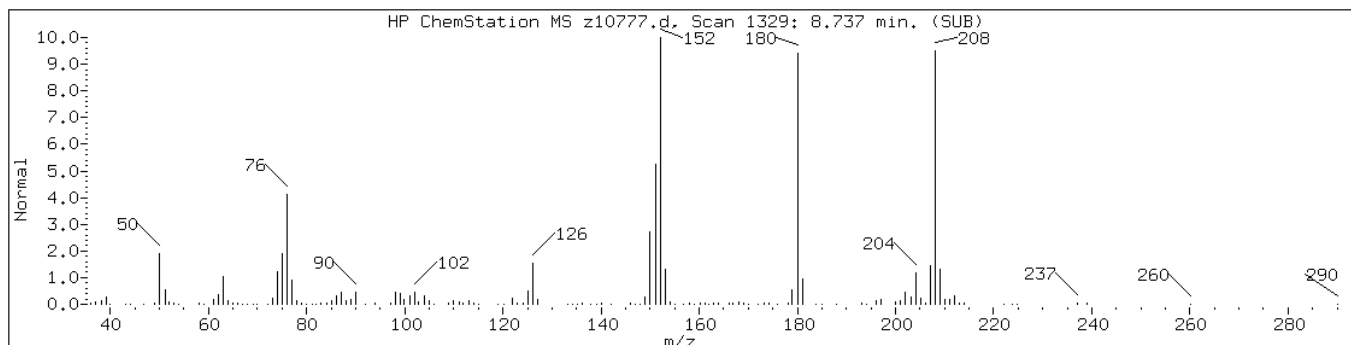
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST02.1	61654	98	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61653	93	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61655	91	C14H8O2	208



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

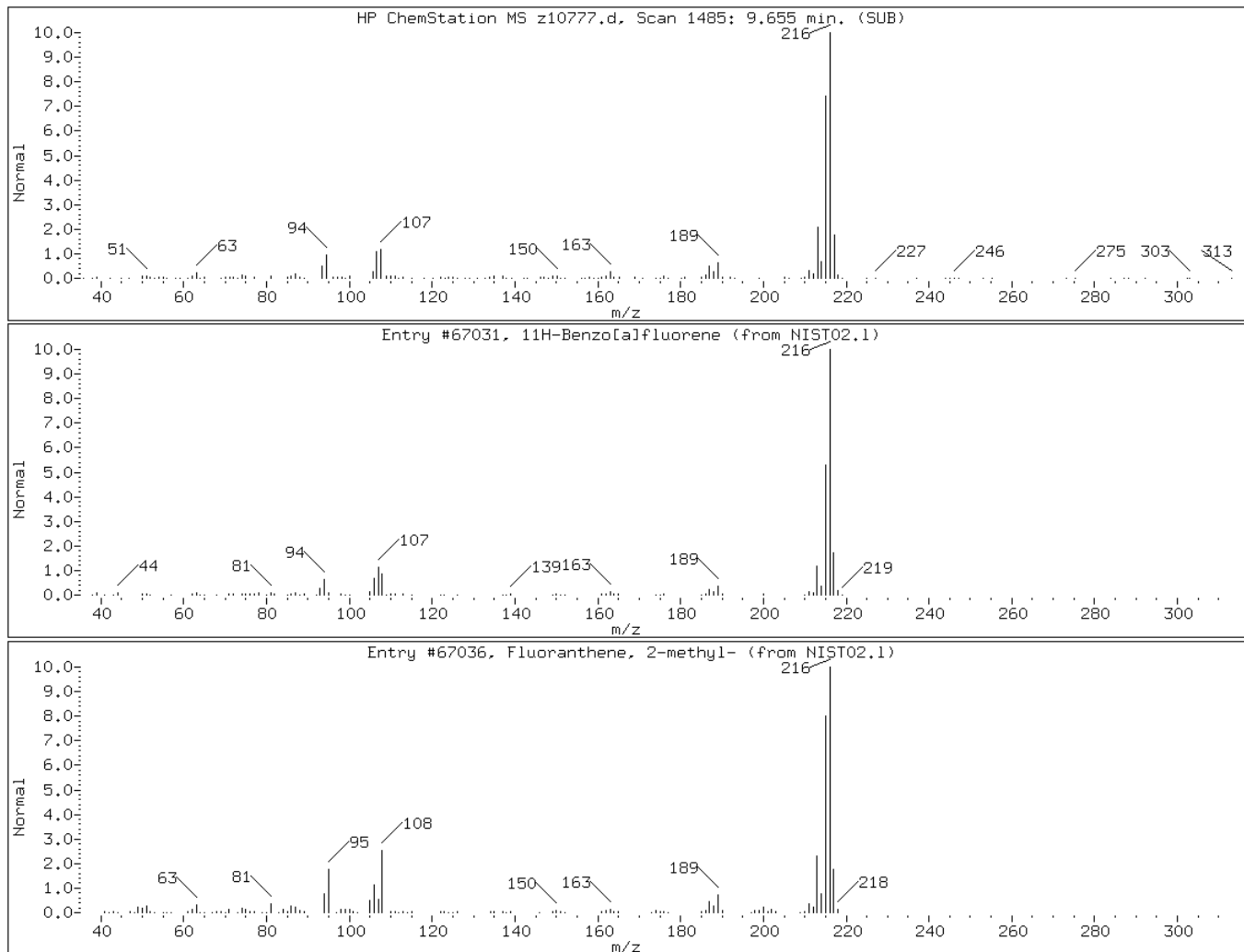
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-1						
11H-Benzo[a]fluorene	238-84-6	NIST02.1	67031	95	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST02.1	67036	95	C17H12	216



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

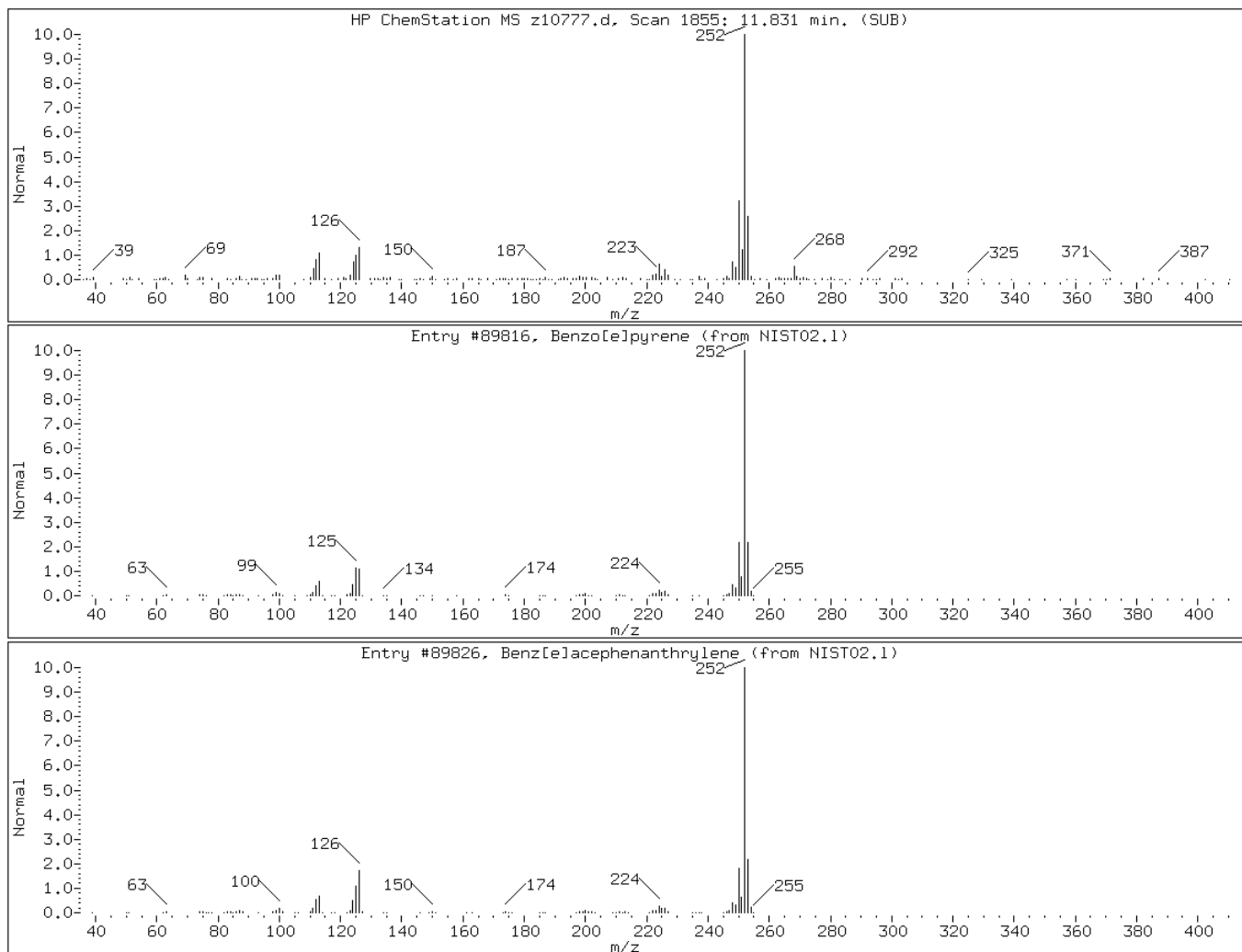
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 11.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-1						
Benzo[e]pyrene	192-97-2	NIST02.1	89816	90	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.1	89826	89	C20H12	252



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

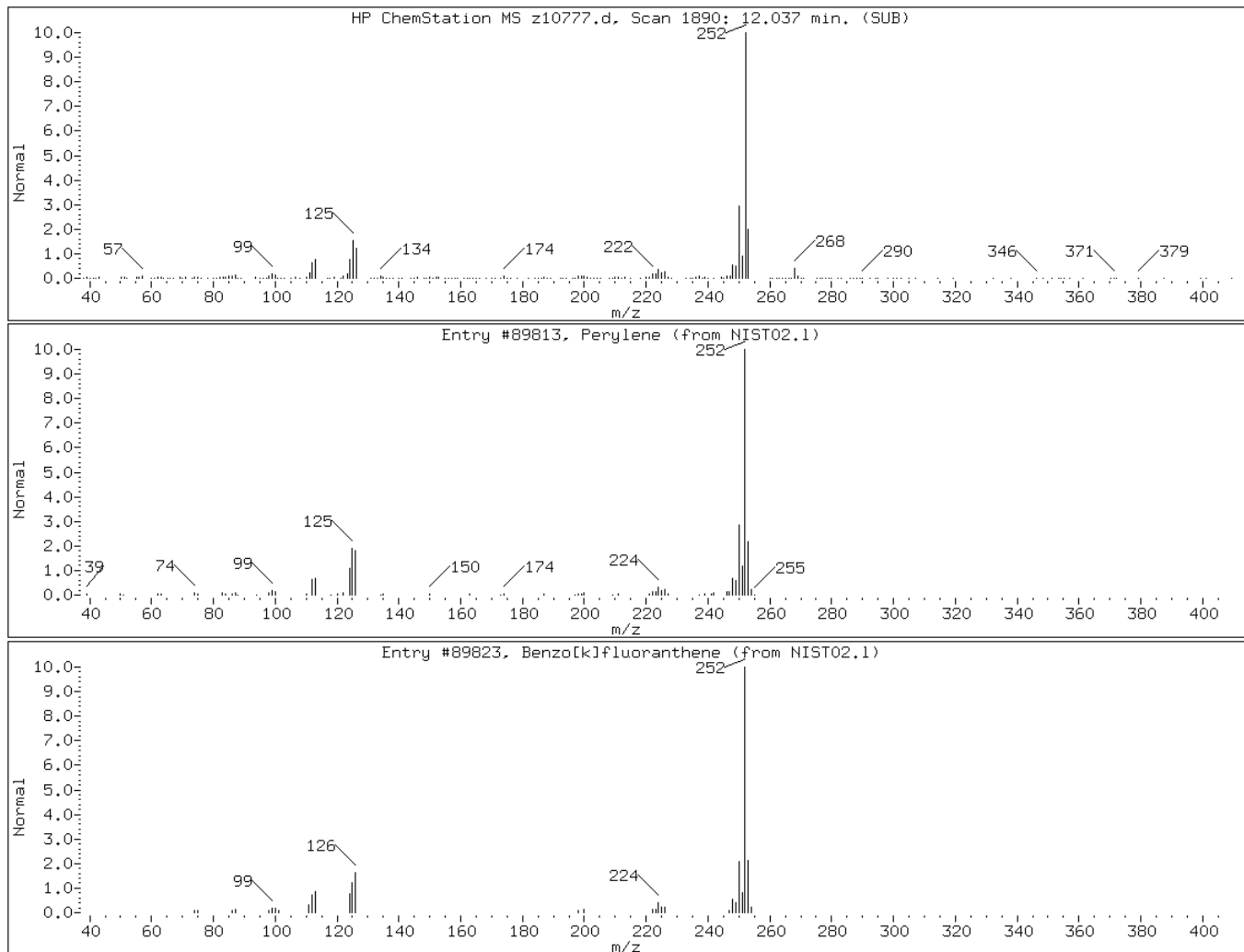
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 12.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-2						
Perylene	198-55-0	NIST02.1	89813	99	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST02.1	89823	98	C20H12	252



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

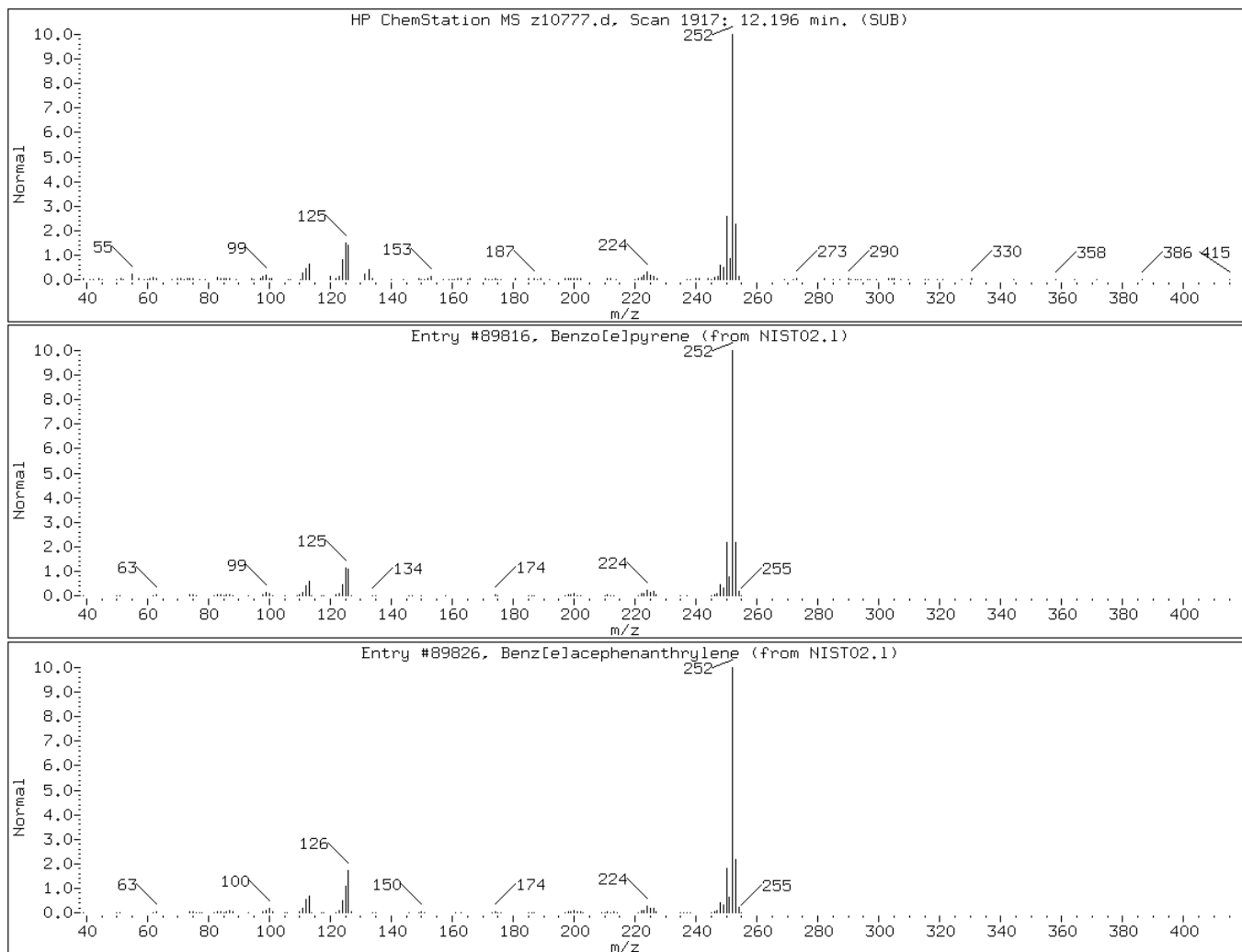
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 12.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-3						
Benzo[e]pyrene	192-97-2	NIST02.1	89816	94	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.1	89826	93	C20H12	252



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

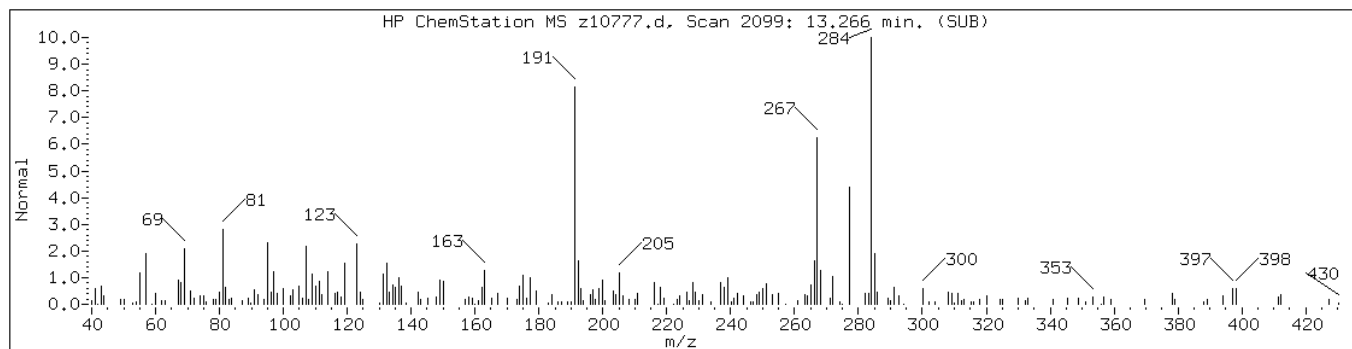
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 13.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

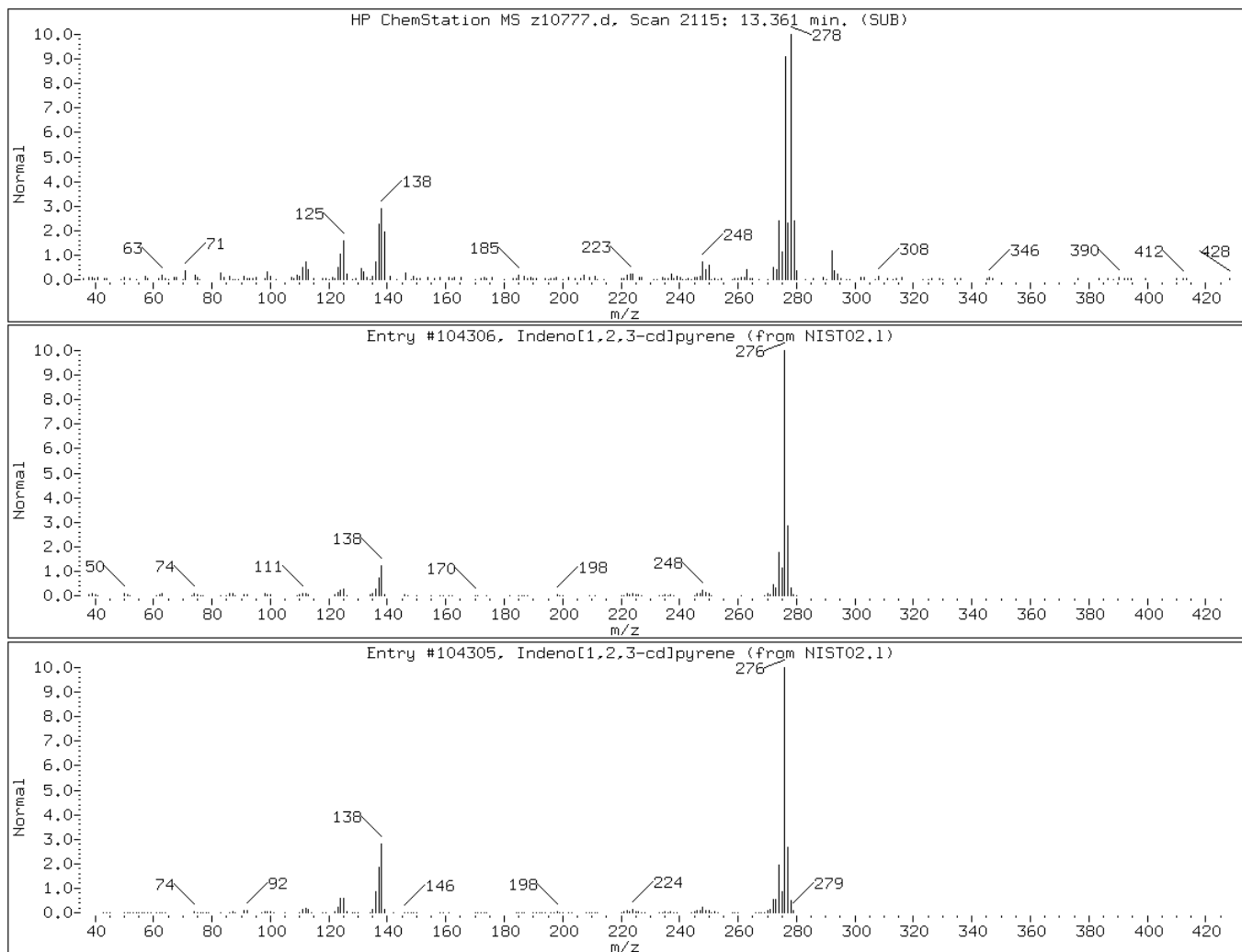
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 13.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C22H12 PAH-1						
Indeno[1,2,3-cd]pyrene	193-39-5	NIST02.1	104306	90	C22H12	276
Indeno[1,2,3-cd]pyrene	193-39-5	NIST02.1	104305	90	C22H12	276



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

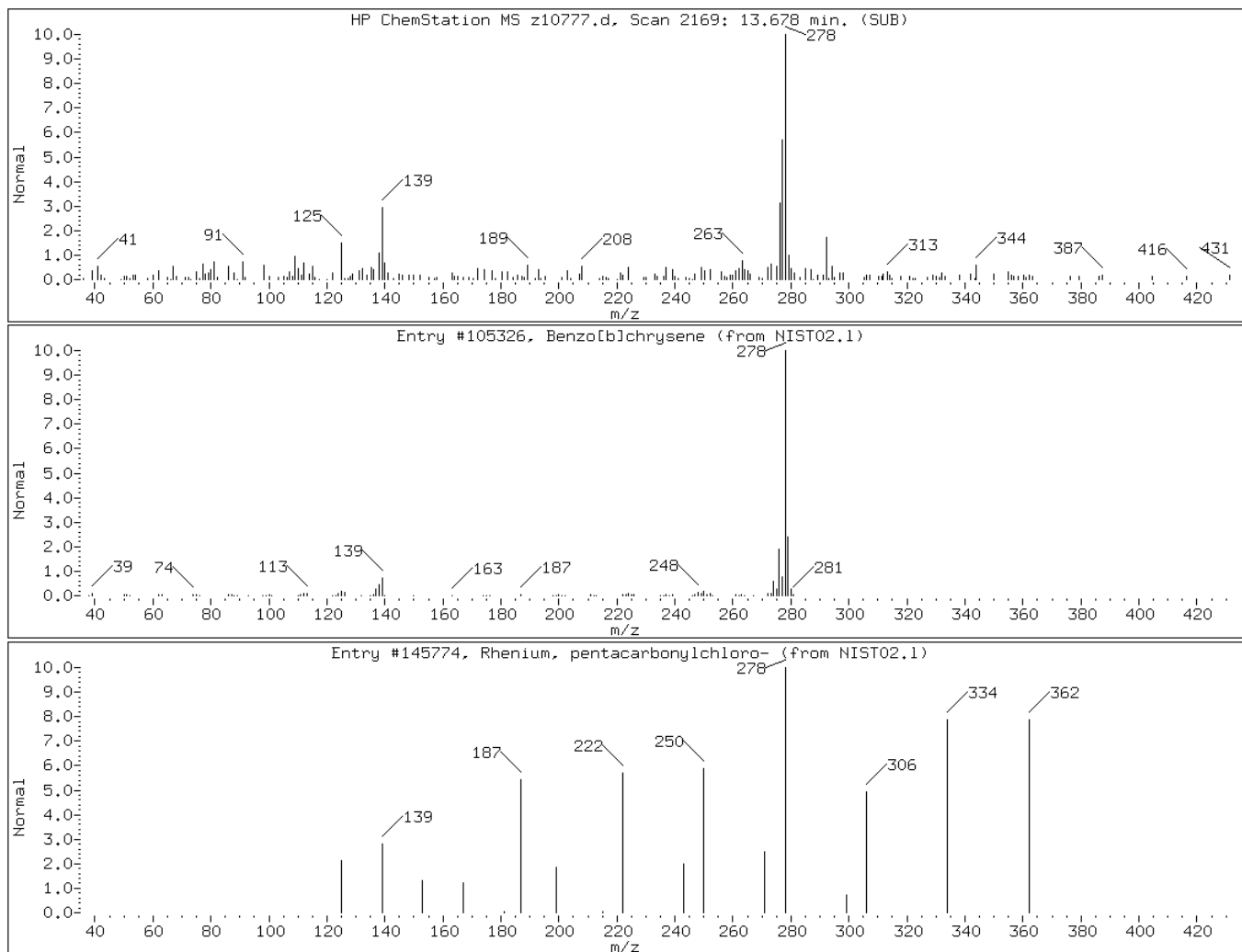
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C22H14 PAH-1						
Benzo[b]chrysene	214-17-5	NIST02.1	105326	46	C22H14	278
Rhenium, pentacarbonylchloro-	14099-01-5	NIST02.1	145774	43	C5Cl05Re	362



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

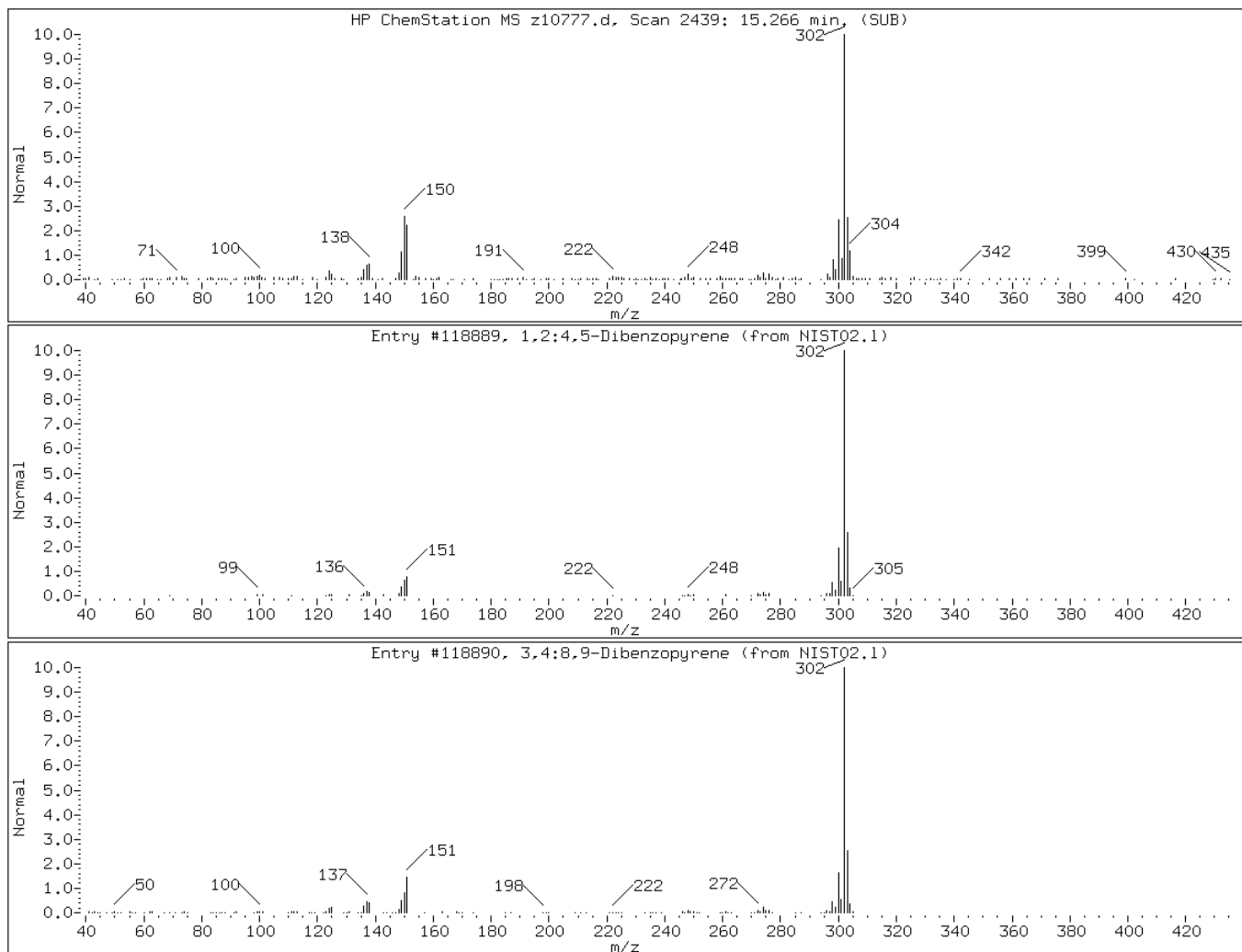
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAHs						
1,2:4,5-Dibenzopyrene	192-65-4	NIST02.1	118889	96	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118890	95	C24H14	302



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

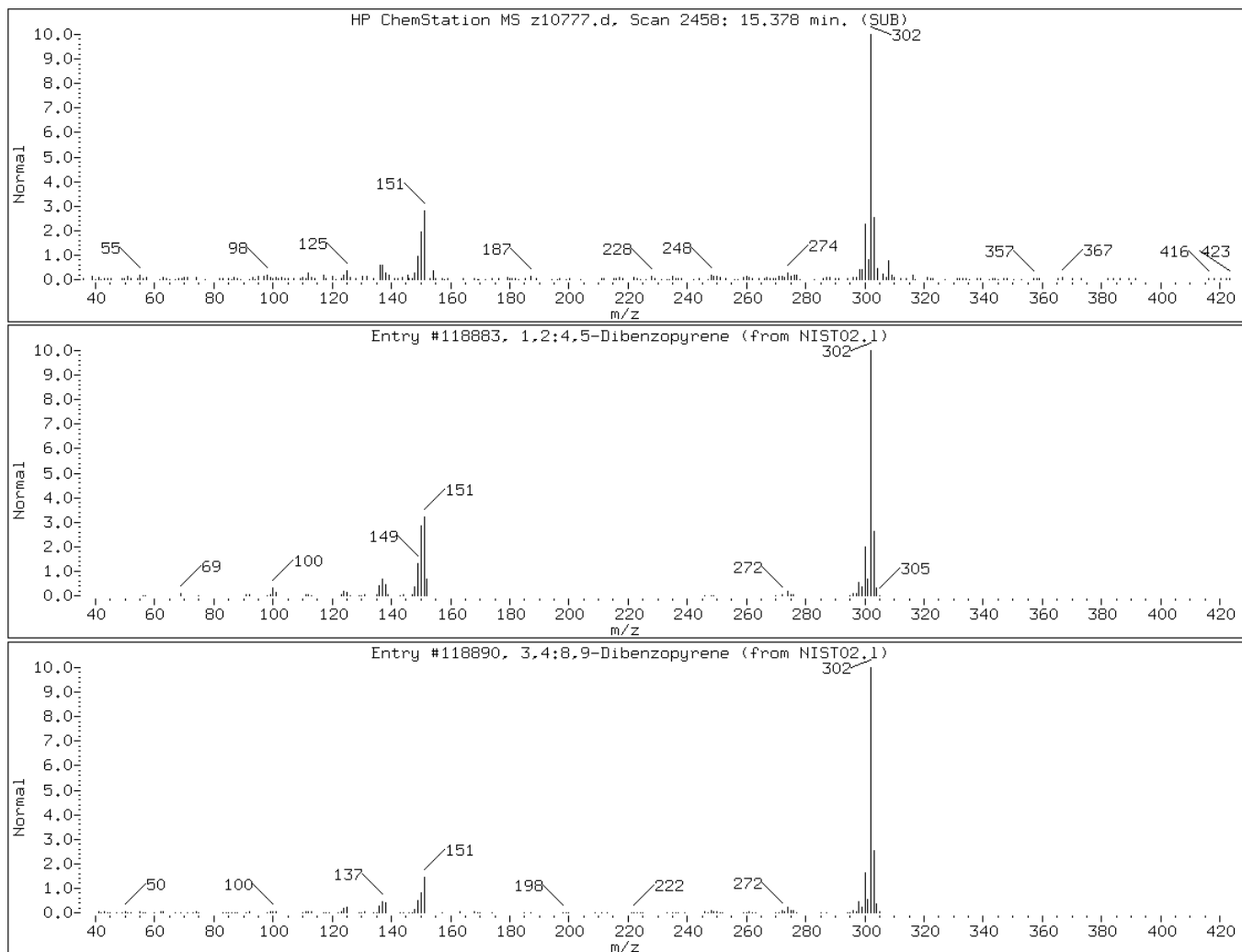
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 15.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAHs						
1,2:4,5-Dibenzopyrene	192-65-4	NIST02.1	118883	98	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118890	95	C24H14	302



Data File: z10777.d

Date: 13-OCT-2011 16:51

Client ID: S0-17338-100511-MM-

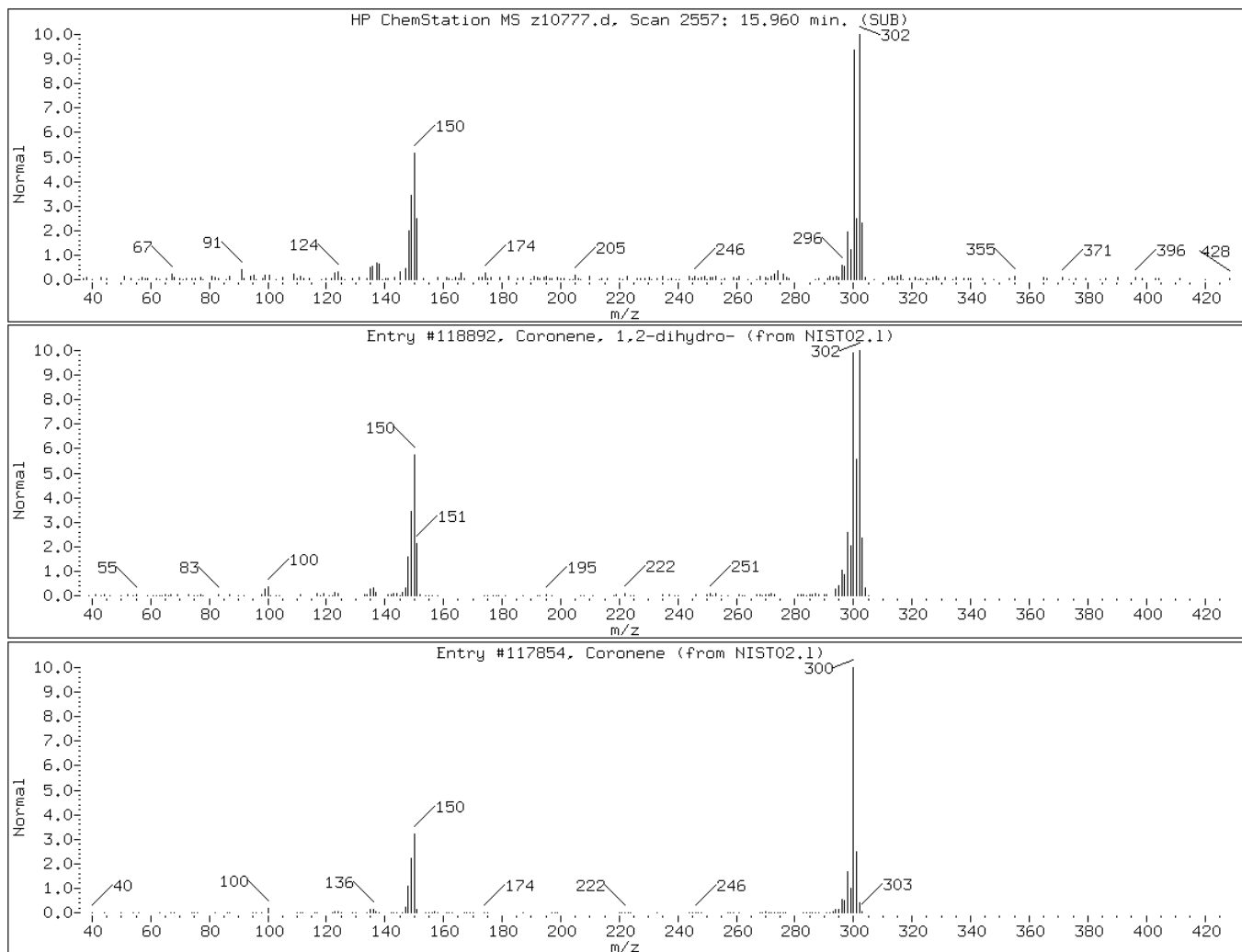
Instrument: BNAMS11.i

Sample Info: 460-32125-D-4-A

Operator: BNAMS 4

Retention Time: 15.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAHs						
Coronene, 1,2-dihydro-	107716-56-3	NIST02.1	118892	90	C24H14	302
Coronene	191-07-1	NIST02.1	117854	78	C24H12	300



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-144</u>	Lab Sample ID: <u>460-32125-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10952.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/19/2011 02:19</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>67.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>90073</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5100	U	5100	320
108-95-2	Phenol	5100	U	5100	620
111-44-4	Bis(2-chloroethyl)ether	510	U	510	110
95-57-8	2-Chlorophenol	5100	U	5100	680
95-48-7	2-Methylphenol	5100	U	5100	730
108-60-1	2,2'-oxybis[1-chloropropane]	5100	U	5100	670
98-86-2	Acetophenone	5100	U	5100	760
106-44-5	4-Methylphenol	5100	U	5100	840
621-64-7	N-Nitrosodi-n-propylamine	510	U	510	67
67-72-1	Hexachloroethane	510	U	510	86
98-95-3	Nitrobenzene	510	U	510	110
78-59-1	Isophorone	5100	U	5100	590
88-75-5	2-Nitrophenol	5100	U	5100	840
105-67-9	2,4-Dimethylphenol	5100	U	5100	820
111-91-1	Bis(2-chloroethoxy)methane	5100	U	5100	730
120-83-2	2,4-Dichlorophenol	5100	U	5100	820
91-20-3	Naphthalene	1200	J	5100	750
106-47-8	4-Chloroaniline	5100	U	5100	640
87-68-3	Hexachlorobutadiene	1000	U	1000	210
105-60-2	Caprolactam	5100	U	5100	700
59-50-7	4-Chloro-3-methylphenol	5100	U	5100	860
91-57-6	2-Methylnaphthalene	1100	J	5100	750
77-47-4	Hexachlorocyclopentadiene	5100	U	5100	1500
88-06-2	2,4,6-Trichlorophenol	5100	U	5100	910
95-95-4	2,4,5-Trichlorophenol	5100	U	5100	980
92-52-4	1,1'-Biphenyl	5100	U	5100	840
91-58-7	2-Chloronaphthalene	5100	U	5100	720
88-74-4	2-Nitroaniline	10000	U	10000	1400
131-11-3	Dimethyl phthalate	5100	U	5100	690
606-20-2	2,6-Dinitrotoluene	1000	U	1000	130
208-96-8	Acenaphthylene	5100	U	5100	730
99-09-2	3-Nitroaniline	10000	U	10000	1200
83-32-9	Acenaphthene	5100		5100	730
51-28-5	2,4-Dinitrophenol	15000	U	15000	1100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5

Matrix: Solid Lab File ID: z10952.d

Analysis Method: 8270C Date Collected: 10/05/2011 12:30

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.04(g) Date Analyzed: 10/19/2011 02:19

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: _____ Level: (low/med) Low

% Moisture: 67.7 GPC Cleanup: (Y/N) N

Analysis Batch No.: 90073 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	15000	U	15000	1300
132-64-9	Dibenzofuran	2000	J	5100	770
121-14-2	2,4-Dinitrotoluene	1000	U	1000	150
84-66-2	Diethyl phthalate	5100	U	5100	680
86-73-7	Fluorene	3000	J	5100	860
7005-72-3	4-Chlorophenyl phenyl ether	5100	U	5100	880
100-01-6	4-Nitroaniline	10000	U	10000	1100
534-52-1	4,6-Dinitro-2-methylphenol	15000	U	15000	2400
86-30-6	N-Nitrosodiphenylamine	5100	U	5100	830
101-55-3	4-Bromophenyl phenyl ether	5100	U	5100	910
118-74-1	Hexachlorobenzene	510	U	510	71
1912-24-9	Atrazine	5100	U	5100	950
87-86-5	Pentachlorophenol	15000	U	15000	2500
85-01-8	Phenanthrene	37000		5100	890
120-12-7	Anthracene	6500		5100	900
86-74-8	Carbazole	5300		5100	810
84-74-2	Di-n-butyl phthalate	5100	U	5100	780
206-44-0	Fluoranthene	56000		5100	850
129-00-0	Pyrene	46000		5100	880
85-68-7	Butyl benzyl phthalate	3500	J	5100	600
91-94-1	3,3'-Dichlorobenzidine	10000	U	10000	1100
56-55-3	Benzo[a]anthracene	24000		510	94
218-01-9	Chrysene	28000		5100	740
117-81-7	Bis(2-ethylhexyl) phthalate	6900		5100	680
117-84-0	Di-n-octyl phthalate	2700	J	5100	610
205-99-2	Benzo[b]fluoranthene	29000		510	76
207-08-9	Benzo[k]fluoranthene	14000		510	71
50-32-8	Benzo[a]pyrene	21000		510	63
193-39-5	Indeno[1,2,3-cd]pyrene	15000		510	82
53-70-3	Dibenz(a,h)anthracene	2600		510	61
191-24-2	Benzo[g,h,i]perylene	19000		5100	540

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: z10952.d
Analysis Method: 8270C Date Collected: 10/05/2011 12:30
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.04(g) Date Analyzed: 10/19/2011 02:19
Con. Extract Vol.: 1(mL) Dilution Factor: 5
Injection Volume: _____ Level: (low/med) Low
% Moisture: 67.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90073 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	63		10-120
321-60-8	2-Fluorobiphenyl	82		40-109
367-12-4	2-Fluorophenol (Surr)	84		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	81		41-118
1718-51-0	Terphenyl-d14 (Surr)	74		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-144</u>	Lab Sample ID: <u>460-32125-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10952.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/19/2011 02:19</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>67.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>90073</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>9</u>	TIC Result Total: <u>59300</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C15H10 PAH	8.48	4900	J
84-65-1	9,10-Anthracenedione	8.69	5900	J N
	C17H12 PAH	9.61	6800	J
	C17H10O Ketone	10.10	4300	J
	C18H12 PAH	10.24	5500	J
	C20H12 PAH-1	11.77	5300	J
	C20H12 PAH-2	11.97	15000	J
	Unknown	13.05	5000	J
	C24H14 PAH	15.19	6600	J

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Report Date: 19-Oct-2011 12:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Lab Smp Id: 460-32125-D-5-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 19-OCT-2011 02:19
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-5-A
 Misc Info : 460-32125-D-5-A
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:51 monica Quant Type: ISTD
 Cal Date : 19-OCT-2011 00:37 Cal File: z10948.d
 Als bottle: 6
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	67.67677	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.192	2.197	(0.645)	361923	16.8372	17000
\$ 17 Phenol-d5 (SUR)	99	3.068	3.091	(0.903)	409311	16.1332	16000
* 79 1,4-Dichlorobenzene-d4	152	3.398	3.409	(1.000)	681115	40.0000	
104 Acetophenone	105	3.833	3.844	(1.128)	3175	0.11159	110(aH)
\$ 76 Nitrobenzene-d5 (SUR)	82	3.974	3.991	(0.845)	195707	7.86623	8100
* 80 Naphthalene-d8	136	4.703	4.709	(1.000)	2312144	40.0000	
31 Naphthalene	128	4.721	4.733	(1.004)	76904	1.15269	1200(a)
34 2-Methylnaphthalene	142	5.427	5.433	(1.154)	41711	1.10098	1100(aH)
120 1-Methylnaphthalene	142	5.521	5.527	(1.174)	25309	0.67524	690(a)
\$ 77 2-Fluorobiphenyl (SUR)	172	5.803	5.815	(0.900)	286073	8.21458	8400
* 82 Acenaphthene-d10	164	6.450	6.456	(1.000)	925738	40.0000	
42 Acenaphthene	154	6.480	6.485	(1.005)	139235	4.97835	5100(a)
43 Dibenzofuran	168	6.650	6.656	(1.031)	70292	1.92016	2000(a)

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Report Date: 19-Oct-2011 12:24

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.986	6.991	(1.083)	83472	2.88847	3000(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.221	7.227	(1.119)	49217	12.6839	13000
* 83 Phenanthrene-d10	188	7.891	7.891	(1.000)	958849	40.0000	
52 Phenanthrene	178	7.915	7.915	(1.003)	1033910	35.8345	37000
53 Anthracene	178	7.956	7.968	(1.008)	184334	6.30809	6500
54 Carbazole	167	8.133	8.138	(1.031)	111389	5.16074	5300
56 Fluoranthene	202	9.068	9.068	(1.149)	1185141	54.0588	56000
57 Pyrene	202	9.280	9.279	(0.886)	904960	45.0742	46000
\$ 78 Terphenyl-d14	244	9.456	9.462	(0.903)	100936	7.36960	7600
59 Butylbenzylphthalate	149	9.956	9.962	(0.951)	29737	3.37696	3500(a)
61 Benzo(a)anthracene	228	10.456	10.462	(0.999)	294945	23.0922	24000
* 81 Chrysene-d12	240	10.468	10.473	(1.000)	432627	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.562	10.562	(1.009)	77599	6.74344	6900
62 Chrysene	228	10.491	10.497	(1.002)	363735	27.6912	28000
64 Di-n-octylphthalate	149	11.291	11.285	(0.932)	51022	2.66431	2700(a)
65 Benzo(b)fluoranthene	252	11.656	11.656	(0.963)	346670	28.3748	29000
66 Benzo(k)fluoranthene	252	11.679	11.685	(0.965)	181742	13.4415	14000(M)
67 Benzo(a)pyrene	252	12.038	12.038	(0.994)	201637	20.0979	21000
* 84 Perylene-d12	264	12.109	12.109	(1.000)	395647	40.0000	(M)
68 Indeno(1,2,3-cd)pyrene	276	13.420	13.420	(1.108)	153435	14.2154	15000
69 Dibenz(a,h)anthracene	278	13.450	13.450	(1.111)	21018	2.51242	2600
70 Benzo(g,h,i)perylene	276	13.732	13.732	(1.134)	160414	18.1238	19000

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Report Date: 19-Oct-2011 12:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Lab Smp Id: 460-32125-D-5-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 19-OCT-2011 02:19
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-5-A
 Misc Info : 460-32125-D-5-A
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:51 monica Quant Type: ISTD
 Cal Date : 19-OCT-2011 00:37 Cal File: z10948.d
 Als bottle: 6
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	67.67677	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 83 Phenanthrene-d10	7.891	2973725	40.000
* 81 Chrysene-d12	10.468	2147462	40.000
* 84 Perylene-d12	12.109	1177000	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
C15H10 PAH					CAS #:		
8.480	351546	4.72869730	4900	0		0	83

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10952.d
 Report Date: 19-Oct-2011 12:24

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
9,10-Anthracenedione					CAS #: 84-65-1		
8.691	423881	5.70168903	5900	96	NIST02.l	61654	83
C17H12 PAH					CAS #:		
9.609	352839	6.57219957	6800	0		0	81
C17H10O Ketone					CAS #:		
10.103	224838	4.18797115	4300	0		0	81
C18H12 PAH					CAS #:		
10.238	286038	5.32792977	5500	0		0	81
C20H12 PAH-1					CAS #:		
11.768	151824	5.15968806	5300	0		0	84
C20H12 PAH-2					CAS #:		
11.974	420524	14.2913820	15000	0		0	84
Unknown					CAS #:		
13.050	143644	4.88171093	5000	0		0	84
C24H14 PAH					CAS #:		
15.185	187478	6.37136631	6600	0		0	84

Data File: z10952.d

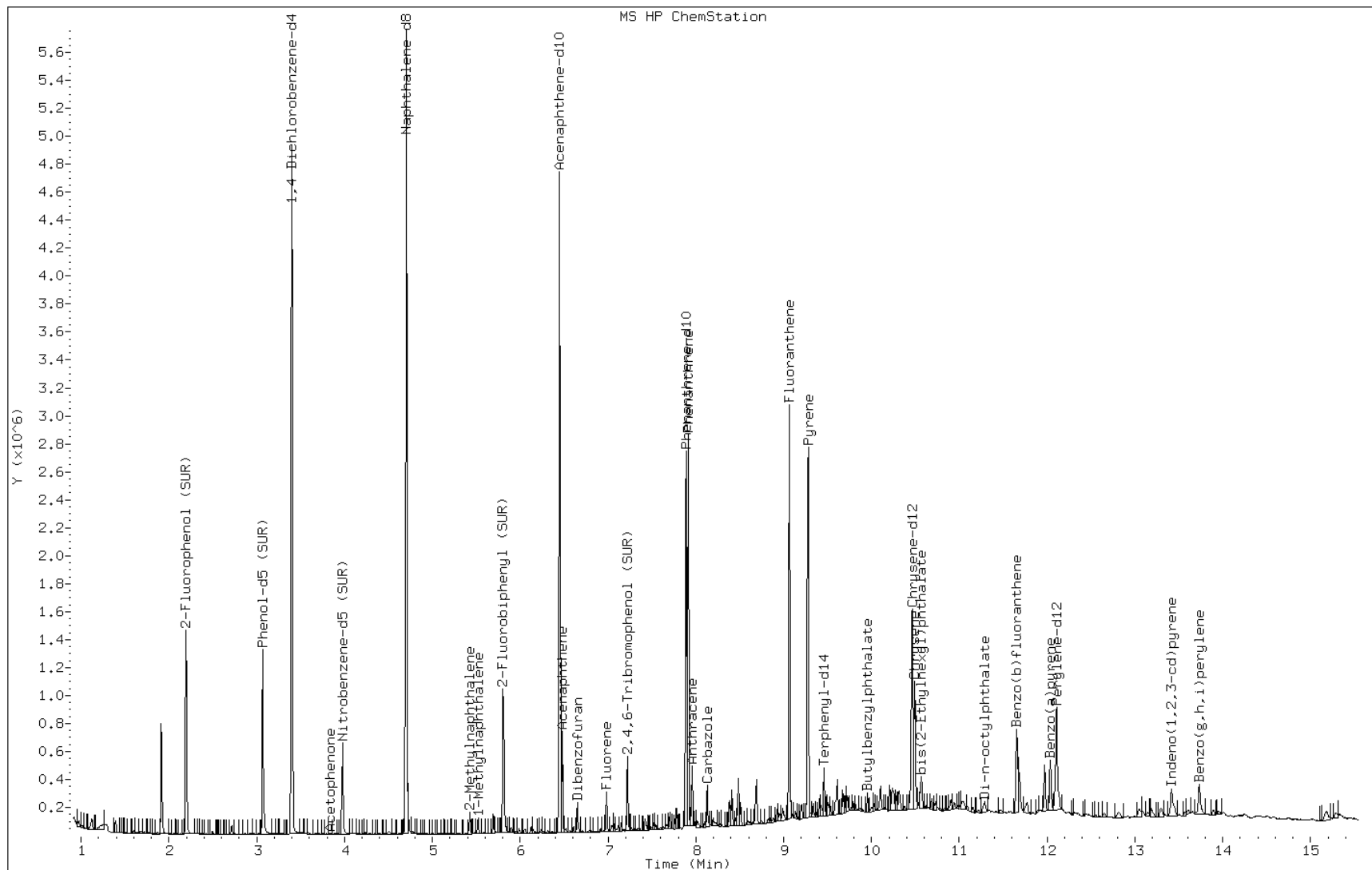
Date: 19-OCT-2011 02:19

Client ID: SO-17338-100511-MM-

Sample Info: 460-32125-D-5-A

Instrument: BNAMS11.i

Operator: BNAMS 4



Data File: z10952.d

Date: 19-OCT-2011 02:19

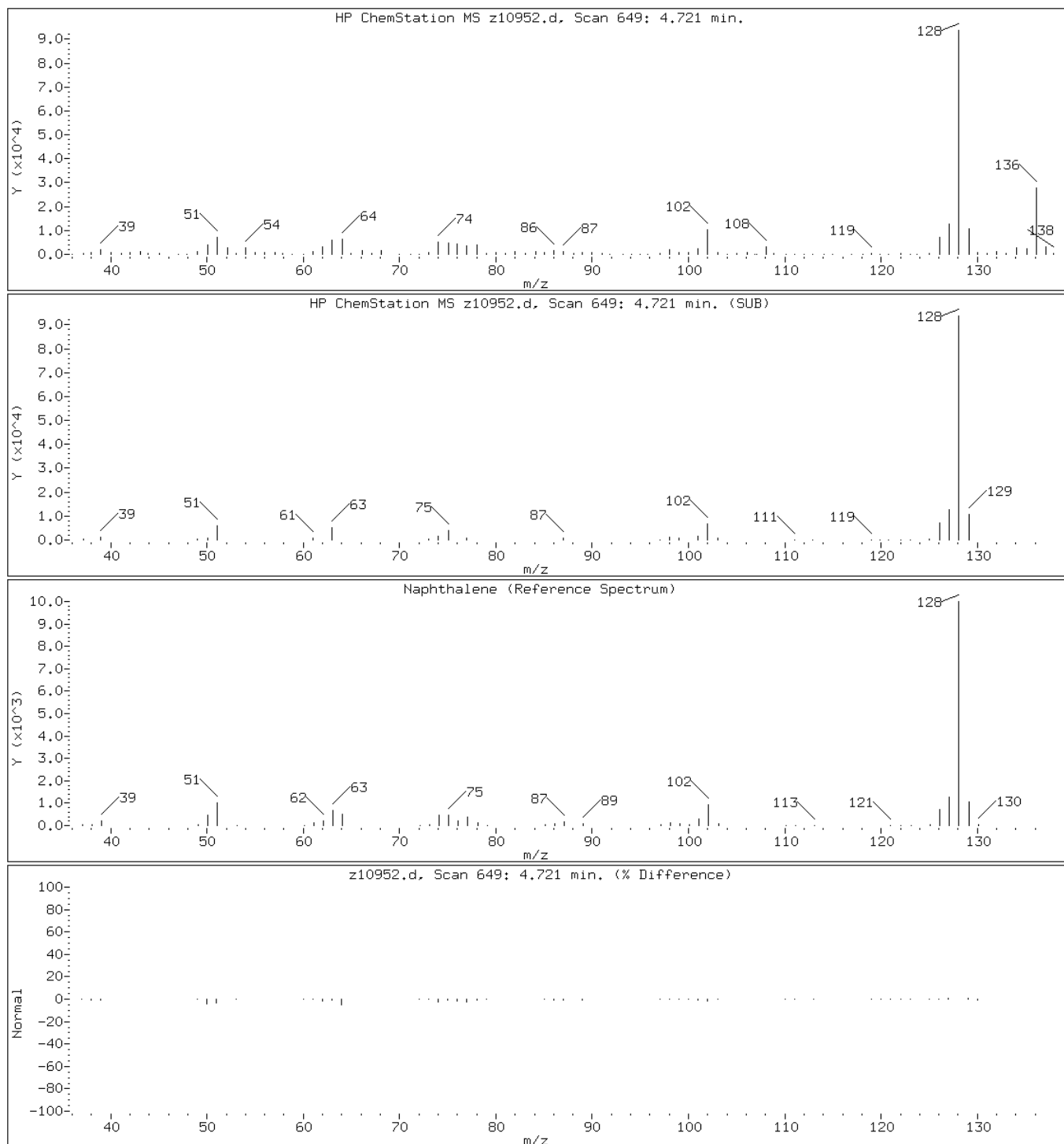
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

31 Naphthalene



Data File: z10952.d

Date: 19-OCT-2011 02:19

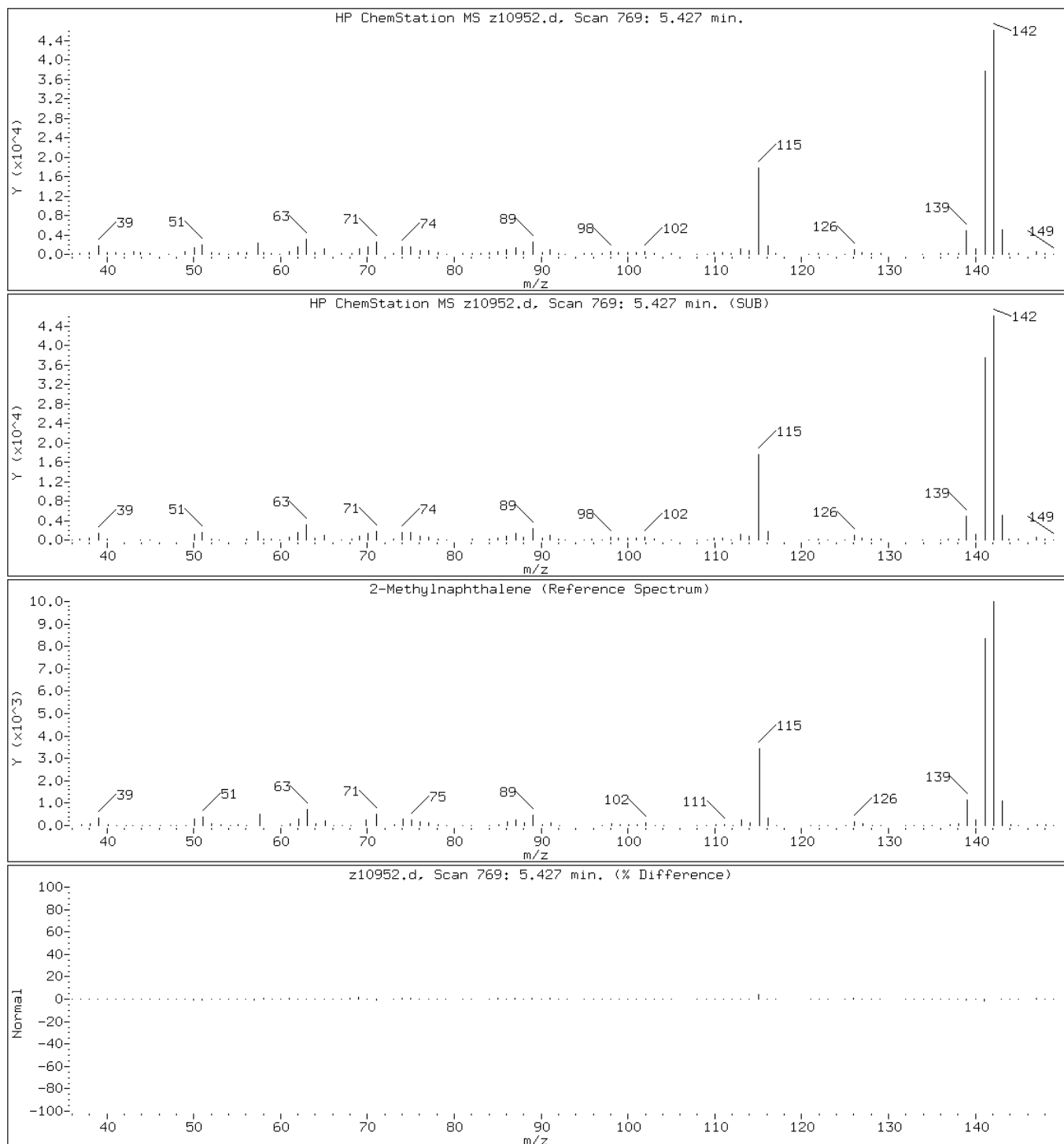
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: z10952.d

Date: 19-OCT-2011 02:19

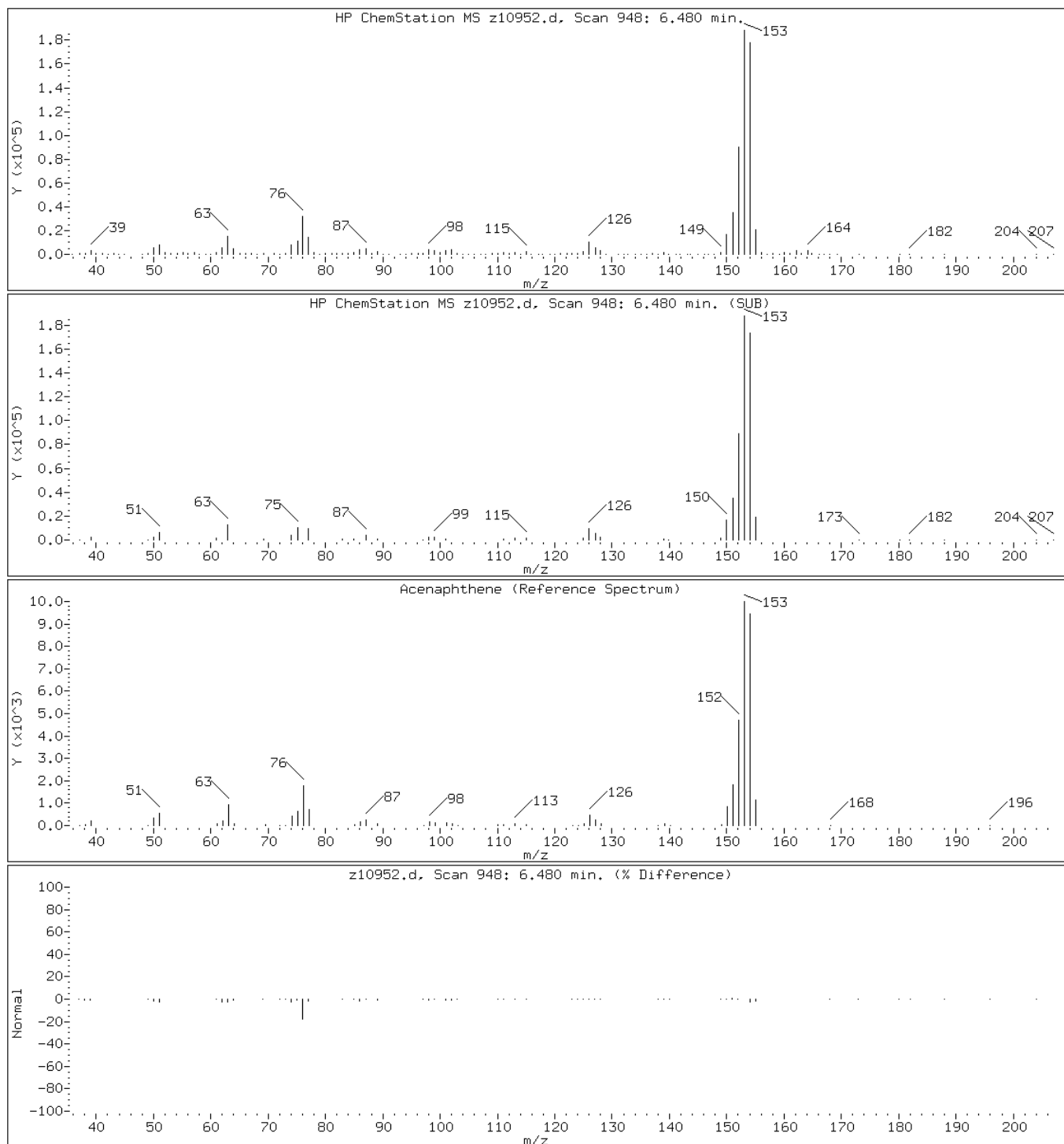
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

42 Acenaphthene



Data File: z10952.d

Date: 19-OCT-2011 02:19

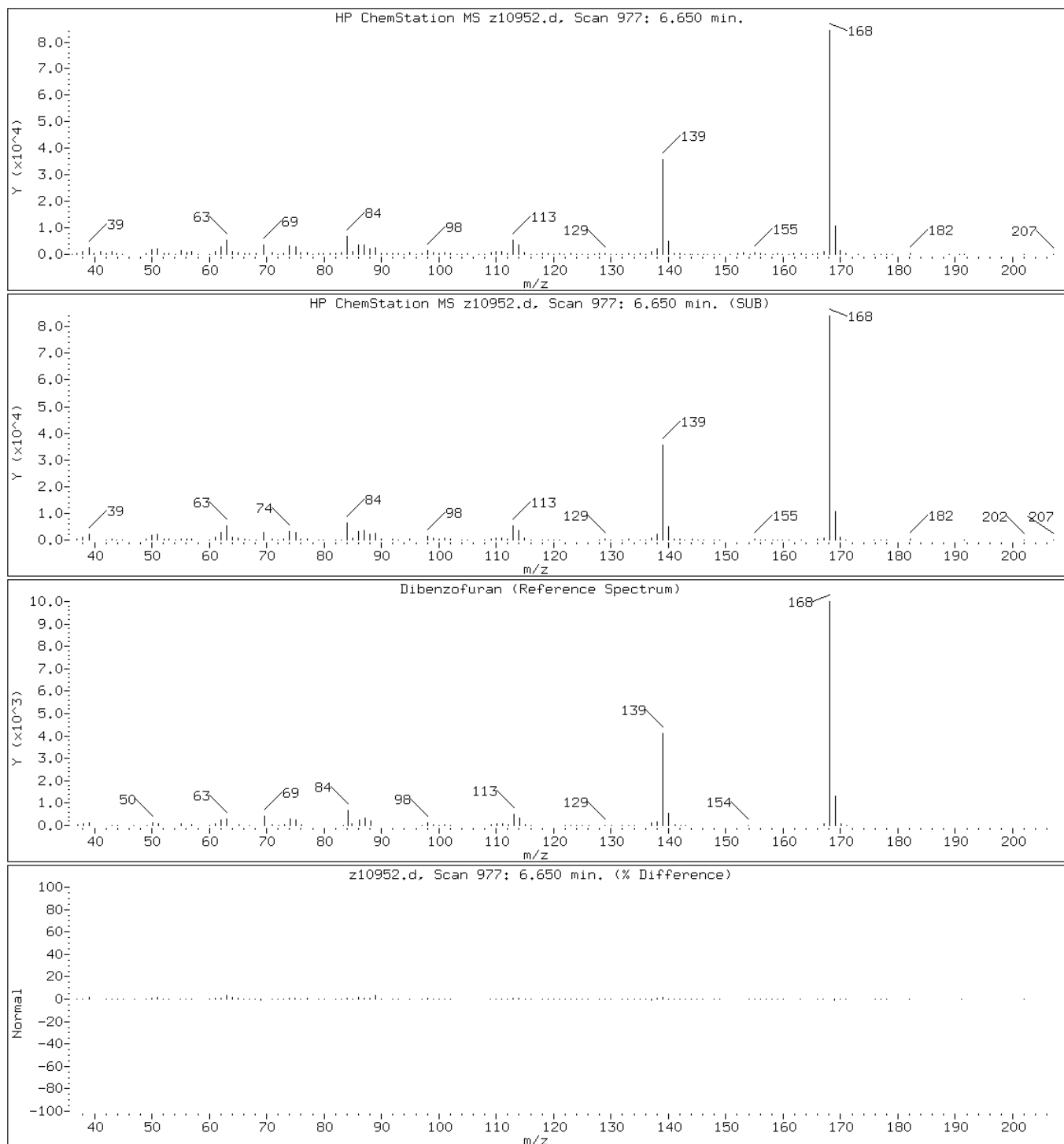
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

43 Dibenzofuran



Data File: z10952.d

Date: 19-OCT-2011 02:19

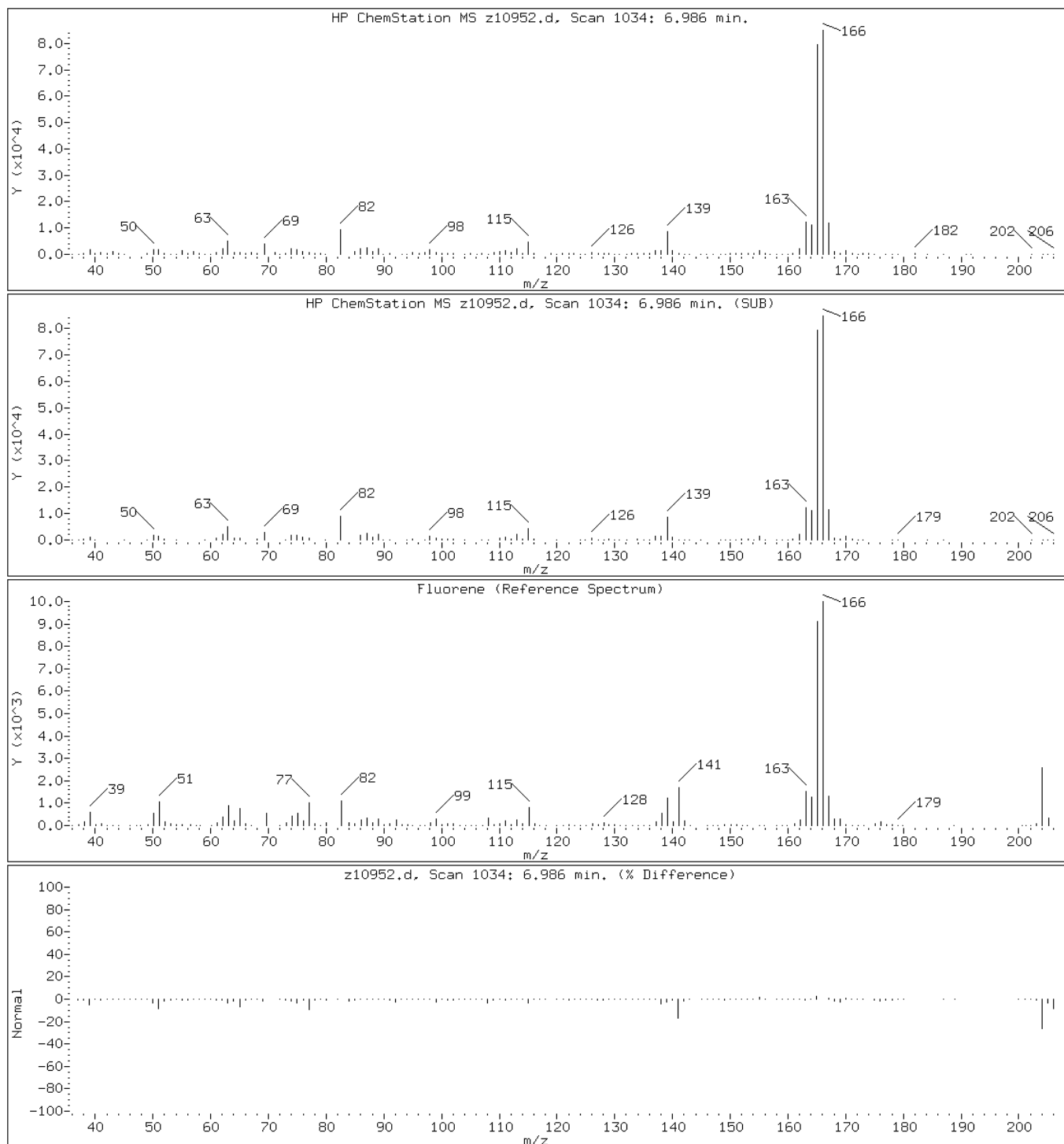
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

47 Fluorene



Data File: z10952.d

Date: 19-OCT-2011 02:19

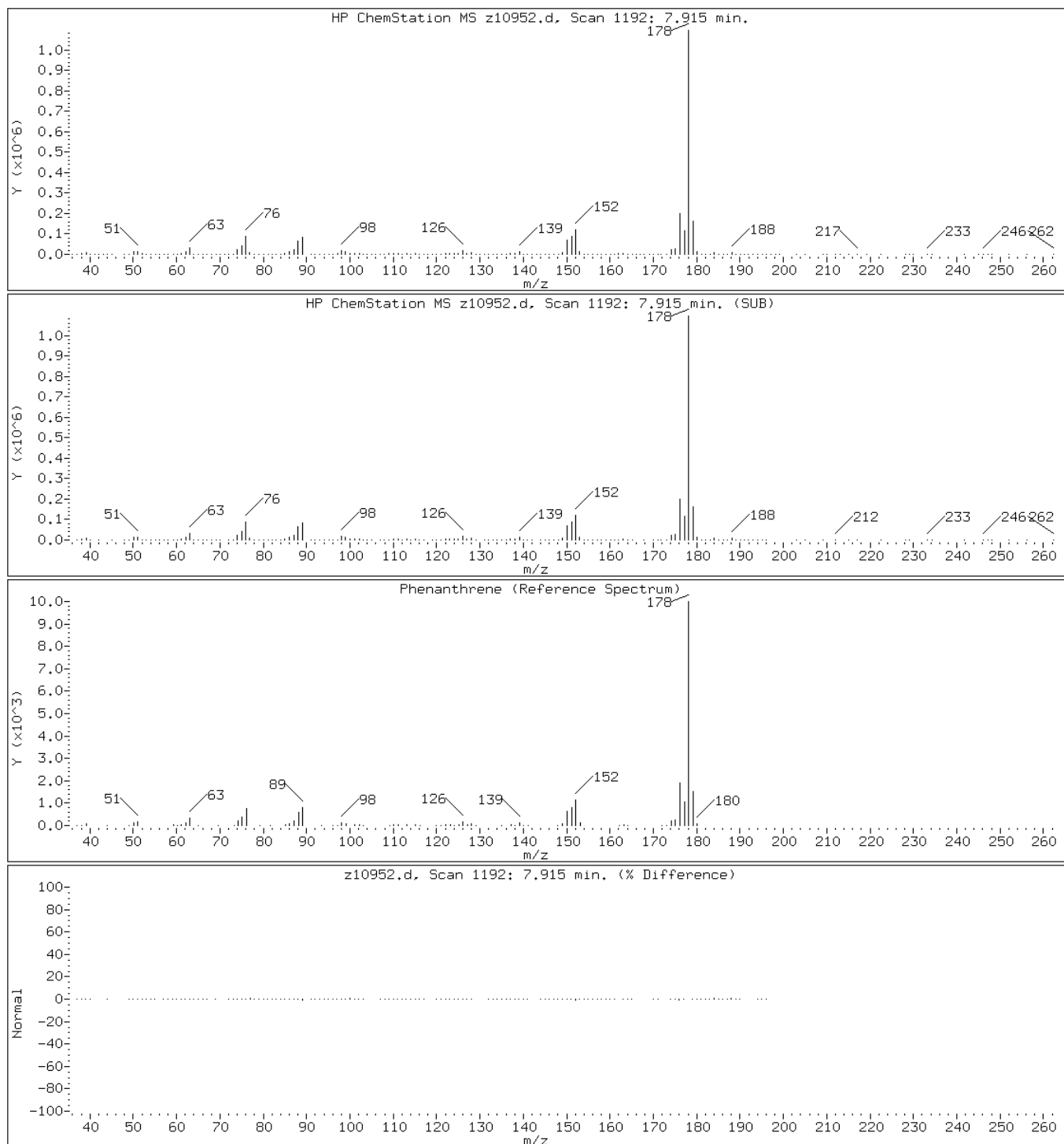
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10952.d

Date: 19-OCT-2011 02:19

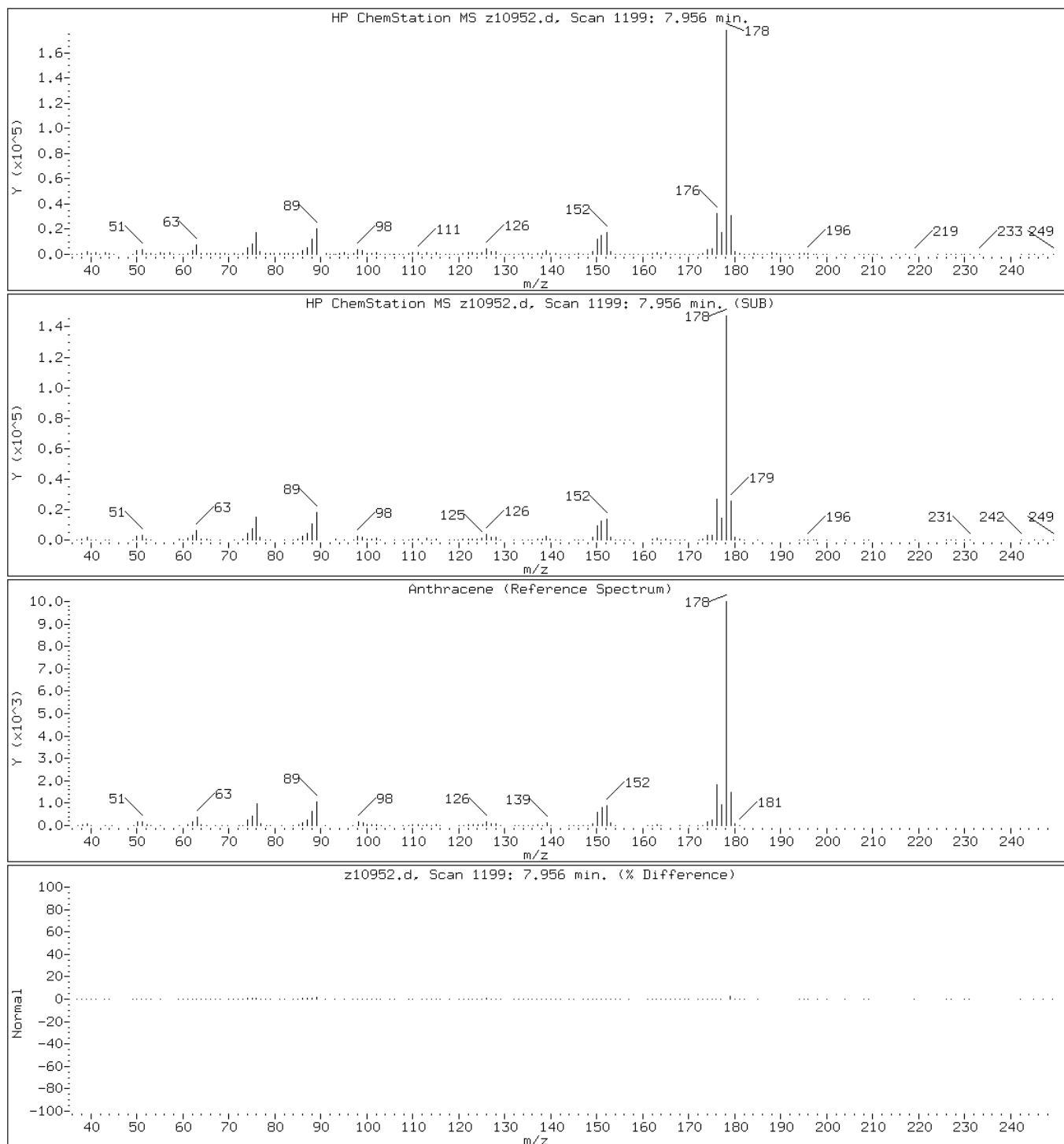
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

53 Anthracene



Data File: z10952.d

Date: 19-OCT-2011 02:19

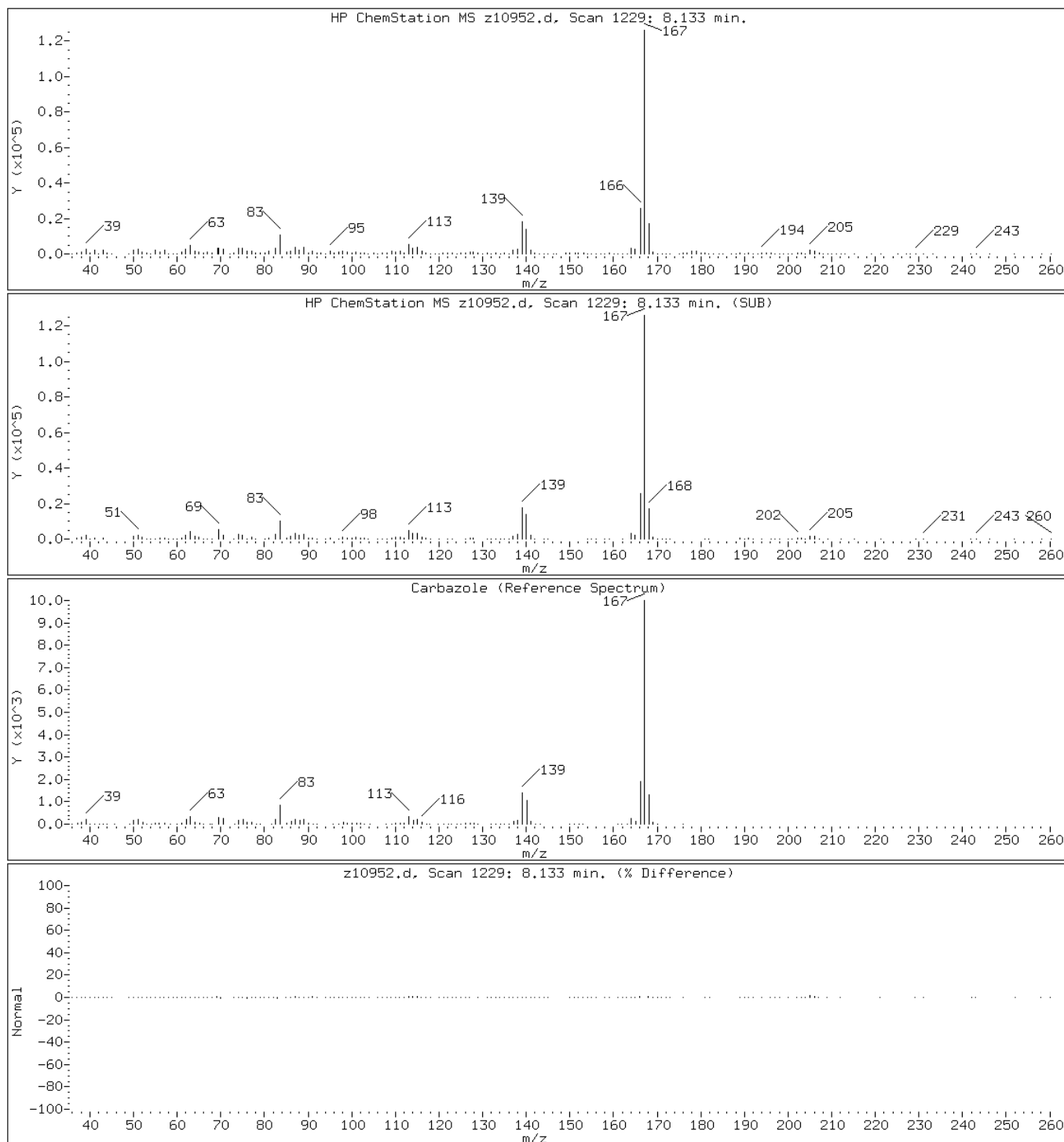
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

54 Carbazole



Data File: z10952.d

Date: 19-OCT-2011 02:19

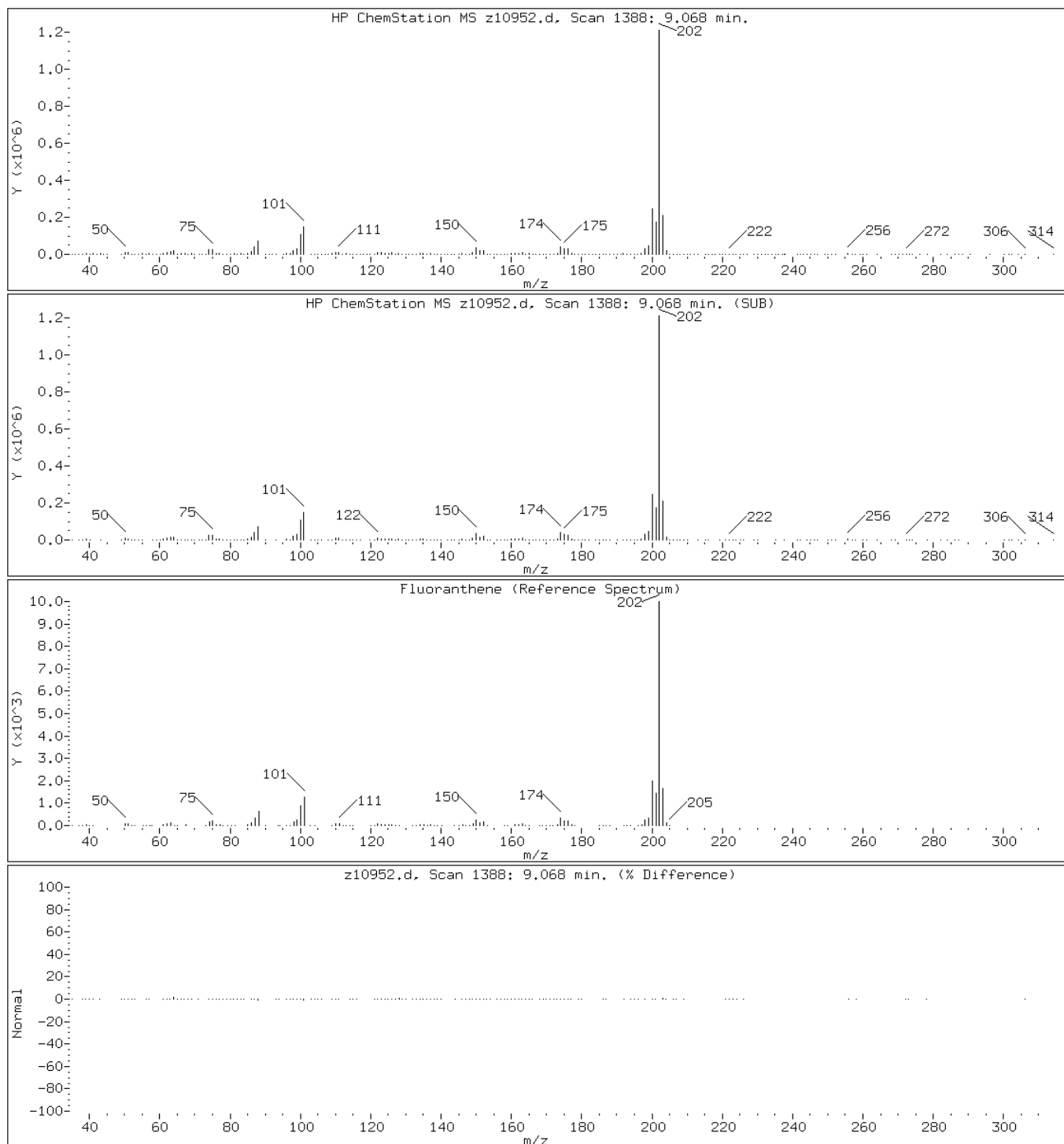
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10952.d

Date: 19-OCT-2011 02:19

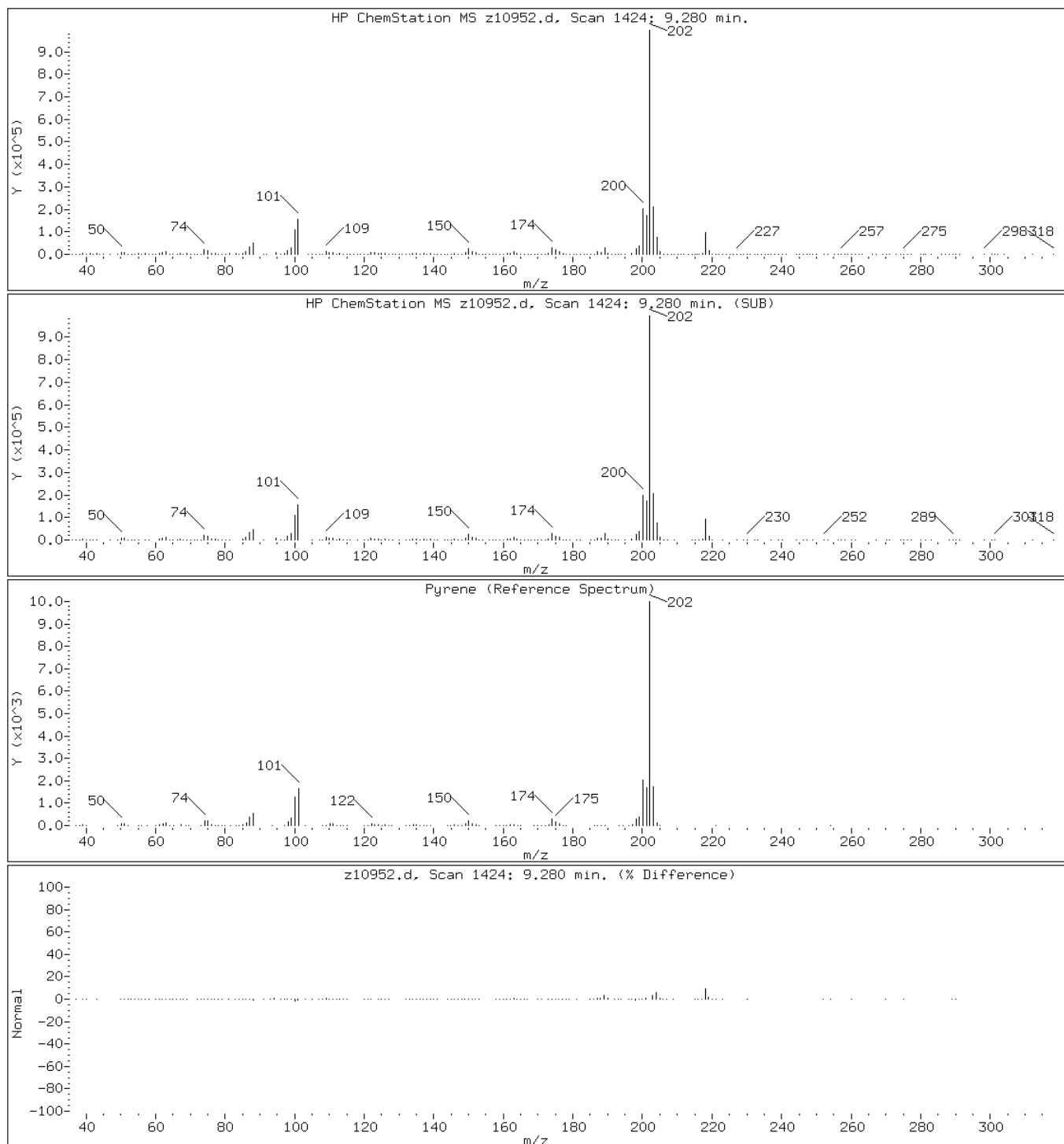
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

57 Pyrene



Data File: z10952.d

Date: 19-OCT-2011 02:19

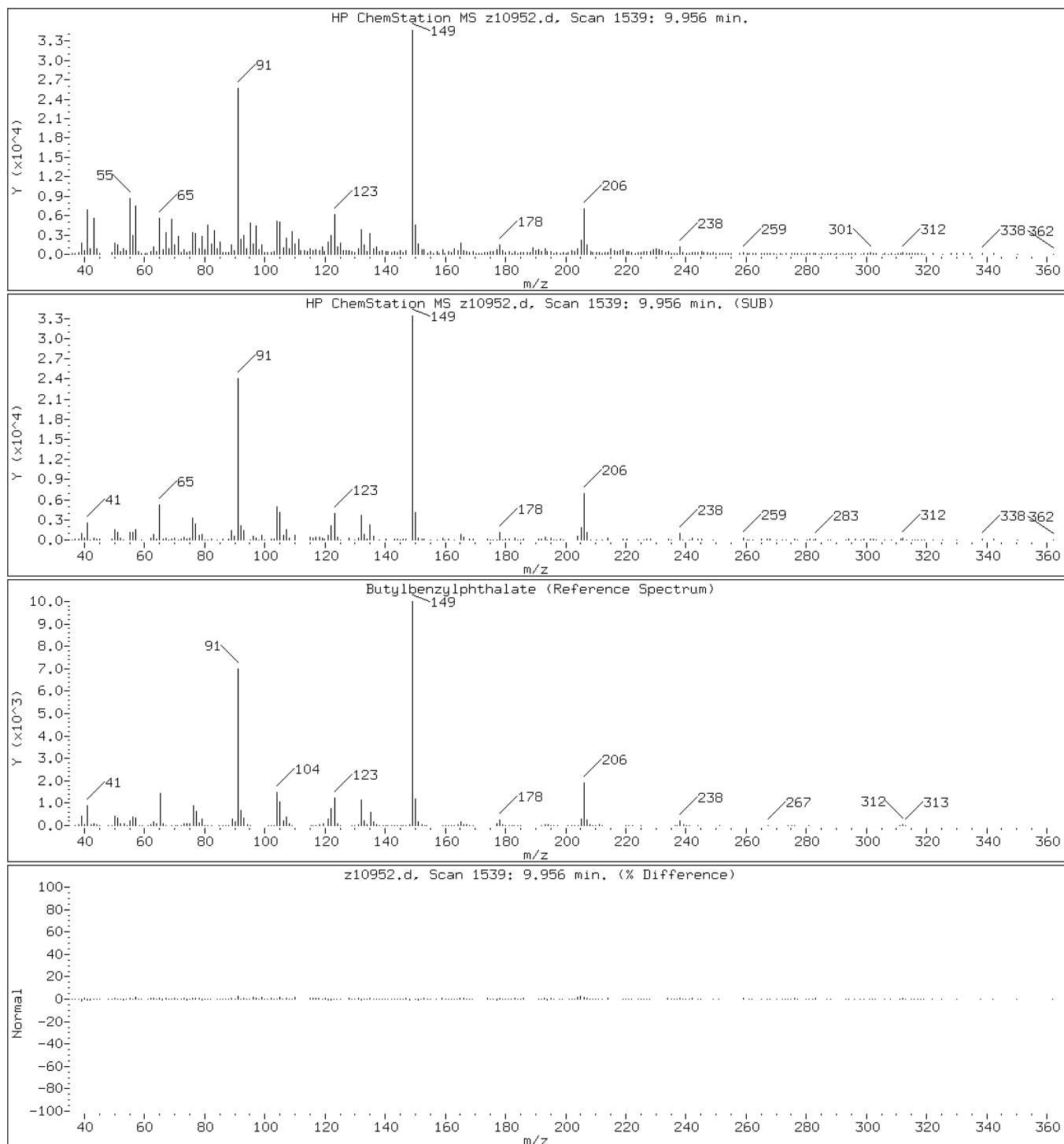
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

59 Butylbenzylphthalate



Data File: z10952.d

Date: 19-OCT-2011 02:19

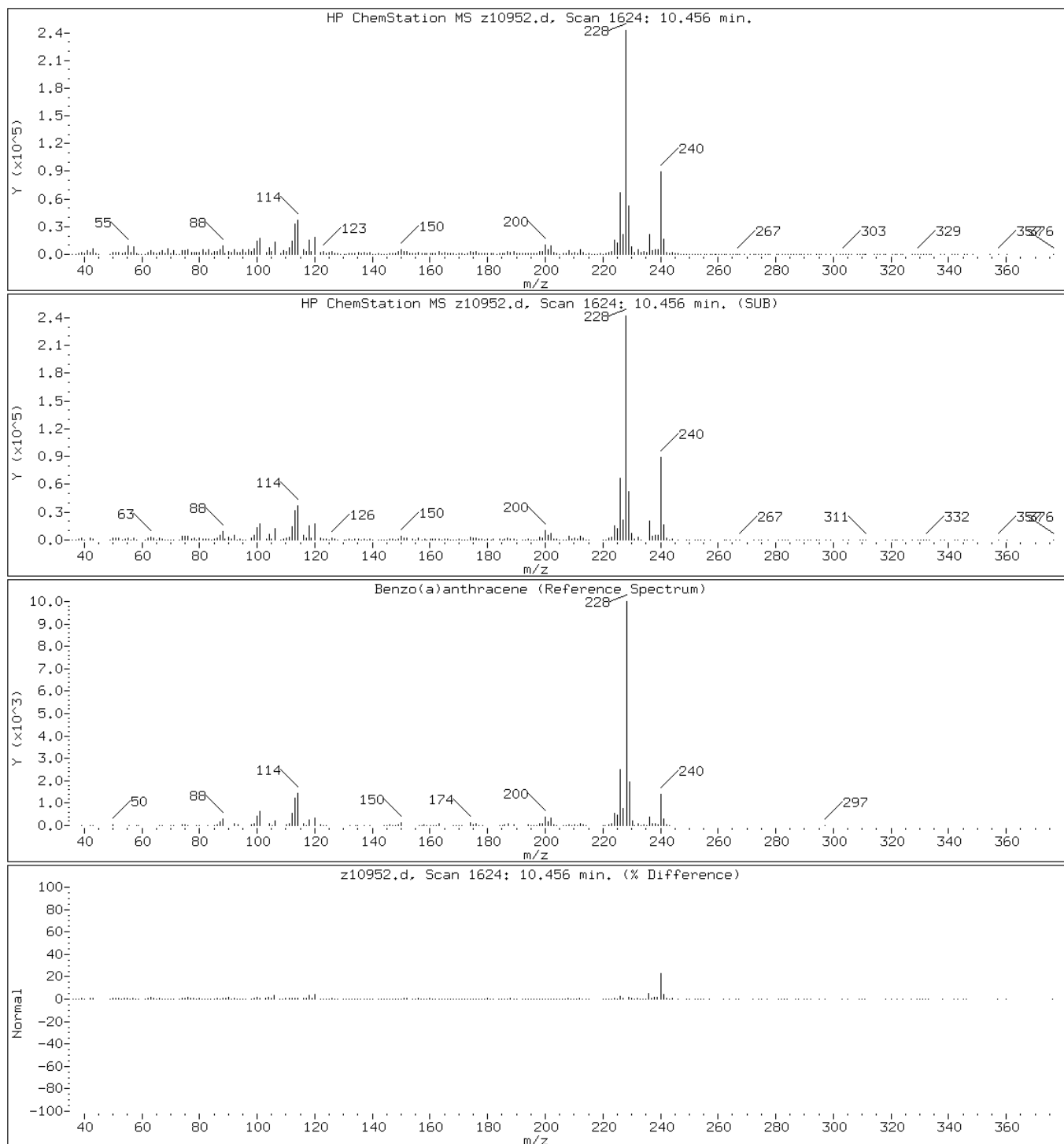
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10952.d

Date: 19-OCT-2011 02:19

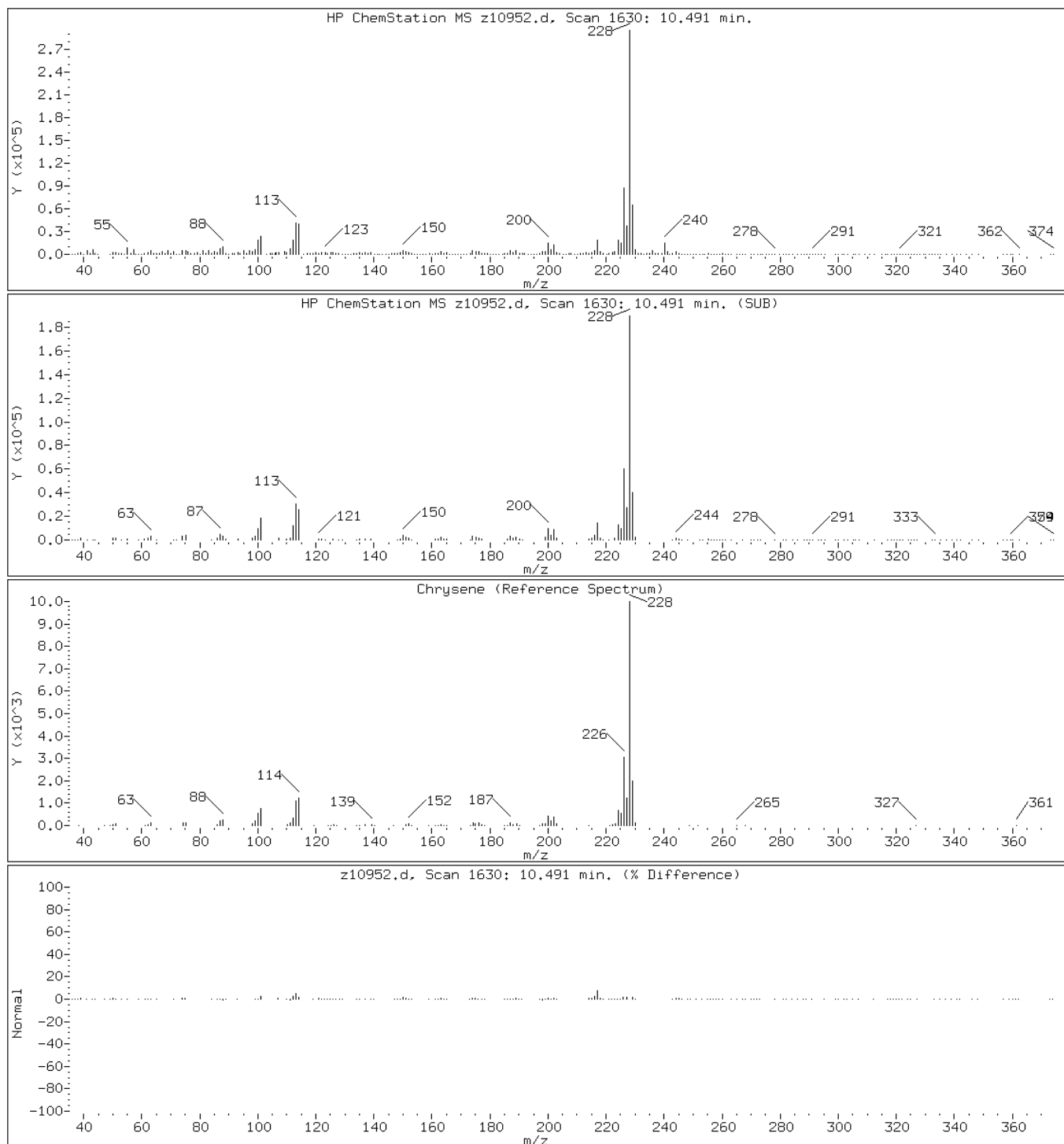
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

62 Chrysene



Data File: z10952.d

Date: 19-OCT-2011 02:19

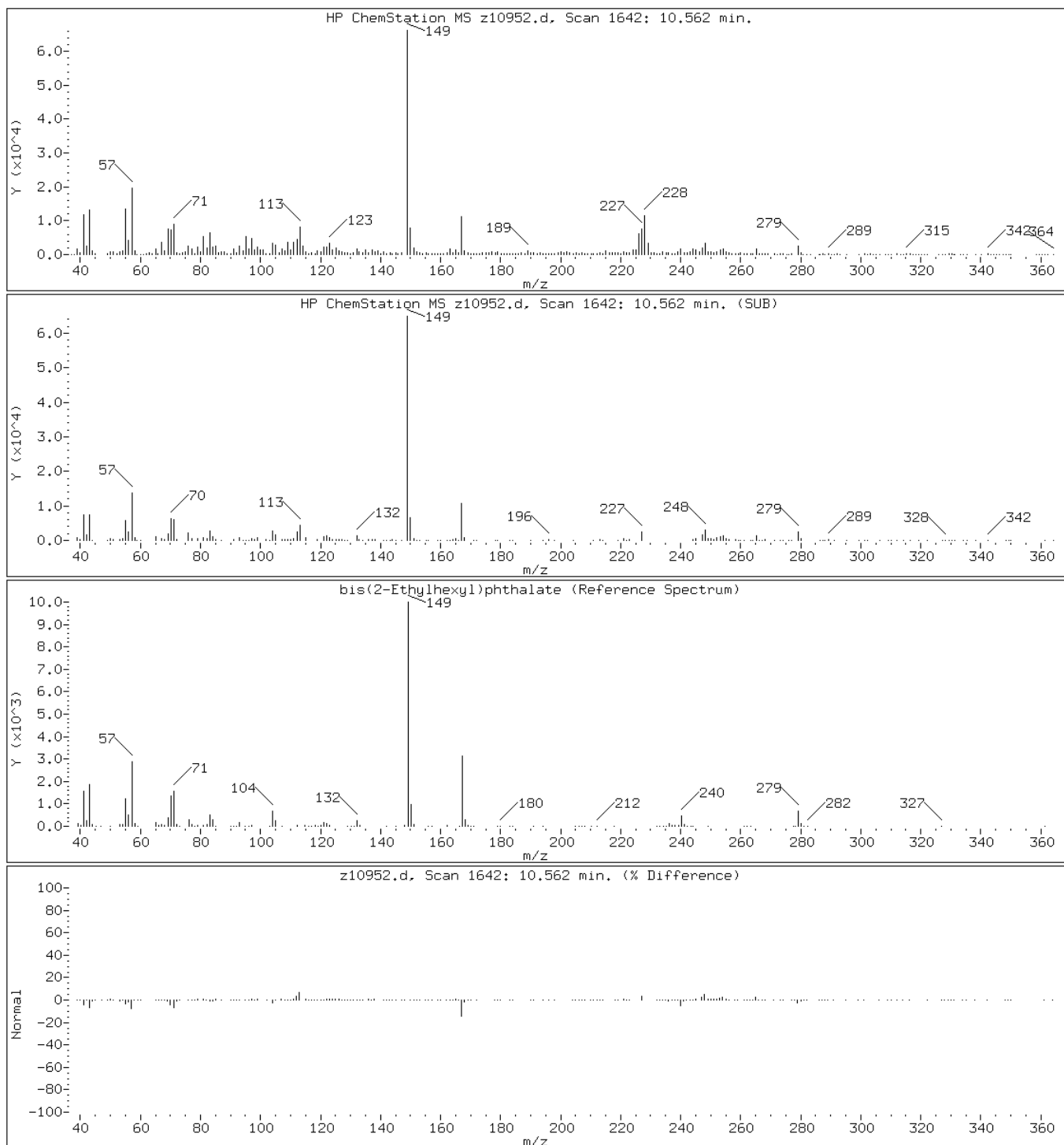
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z10952.d

Date: 19-OCT-2011 02:19

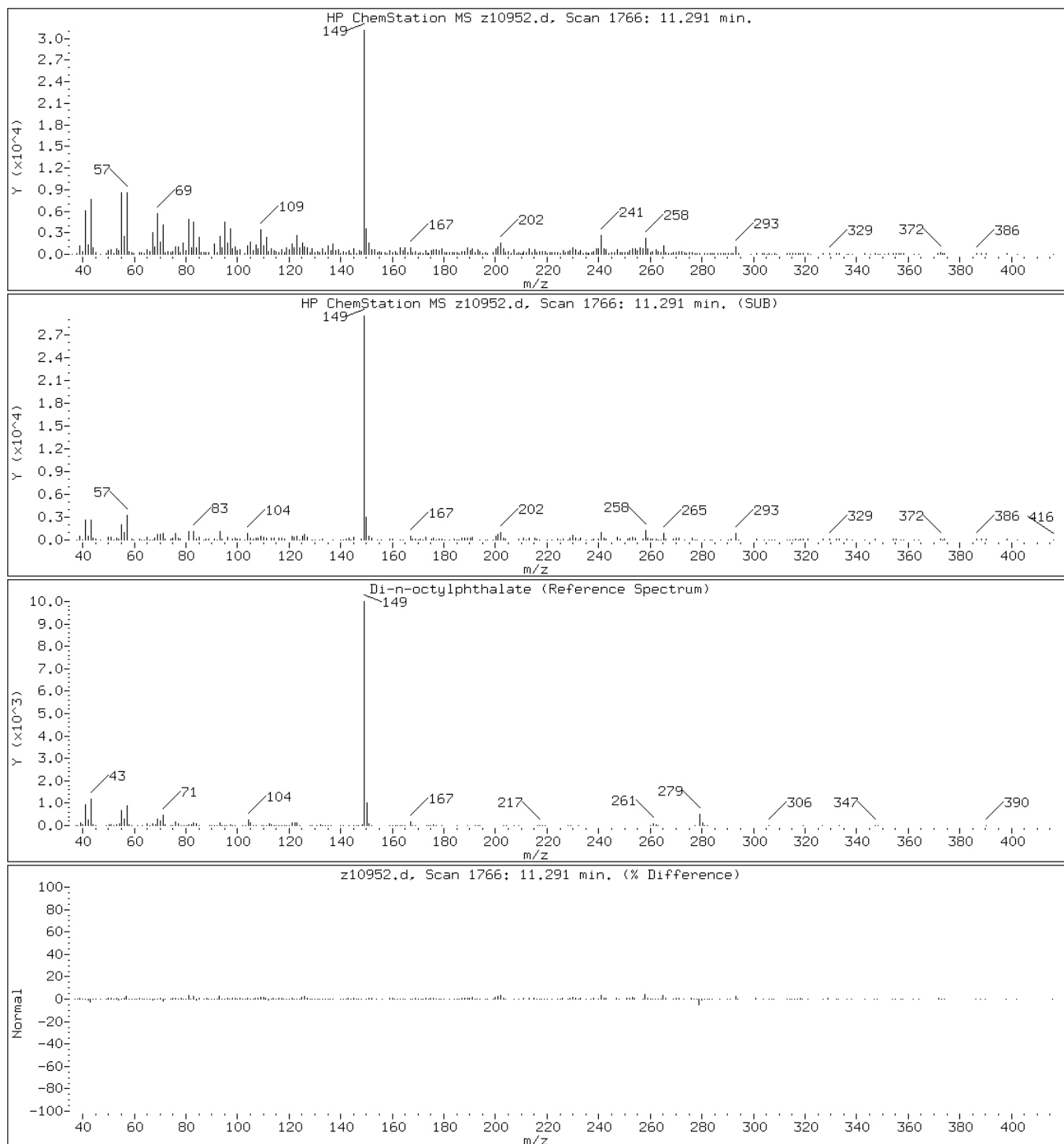
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

64 Di-n-octylphthalate



Data File: z10952.d

Date: 19-OCT-2011 02:19

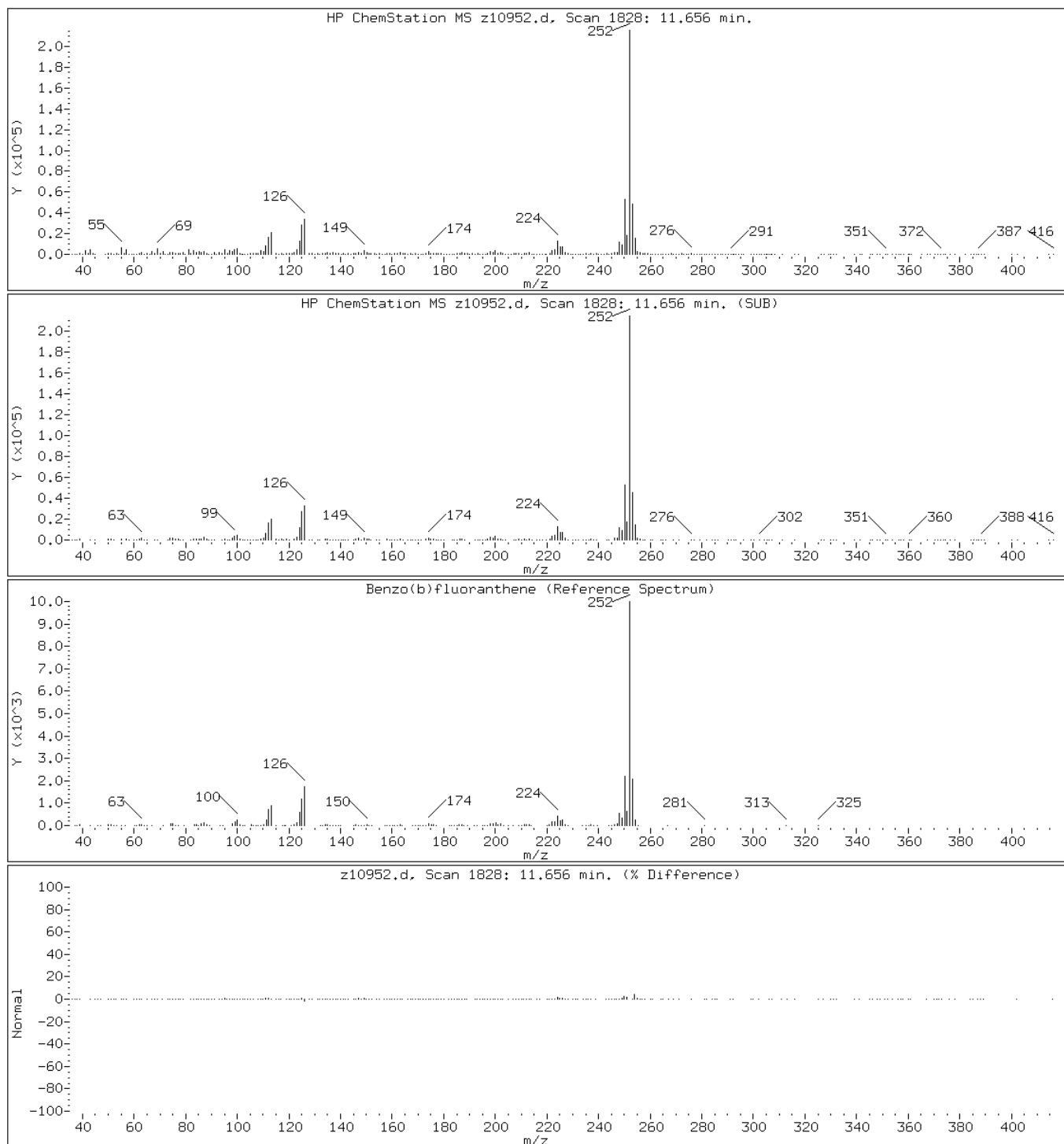
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10952.d

Date: 19-OCT-2011 02:19

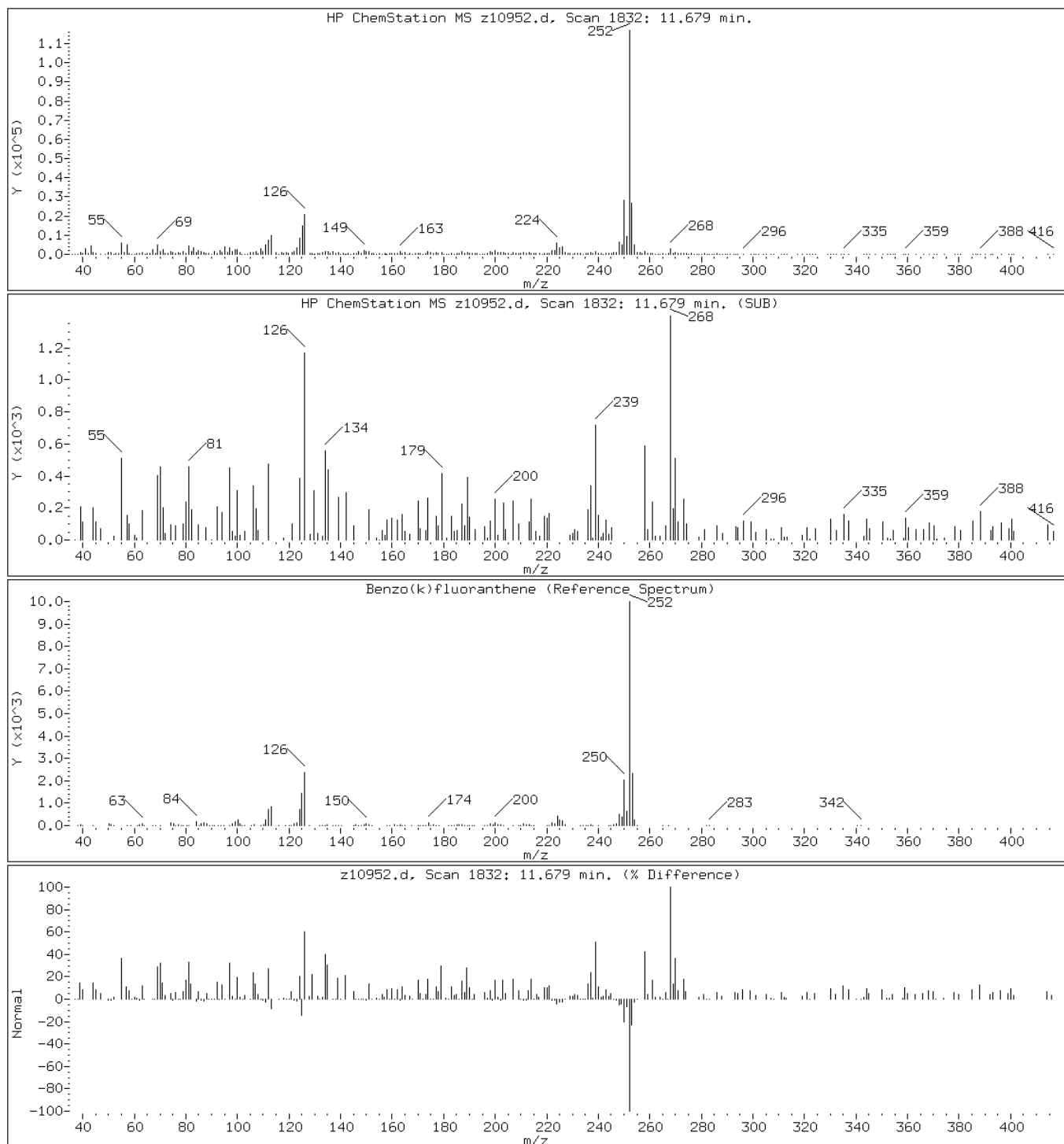
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10952.d

Date: 19-OCT-2011 02:19

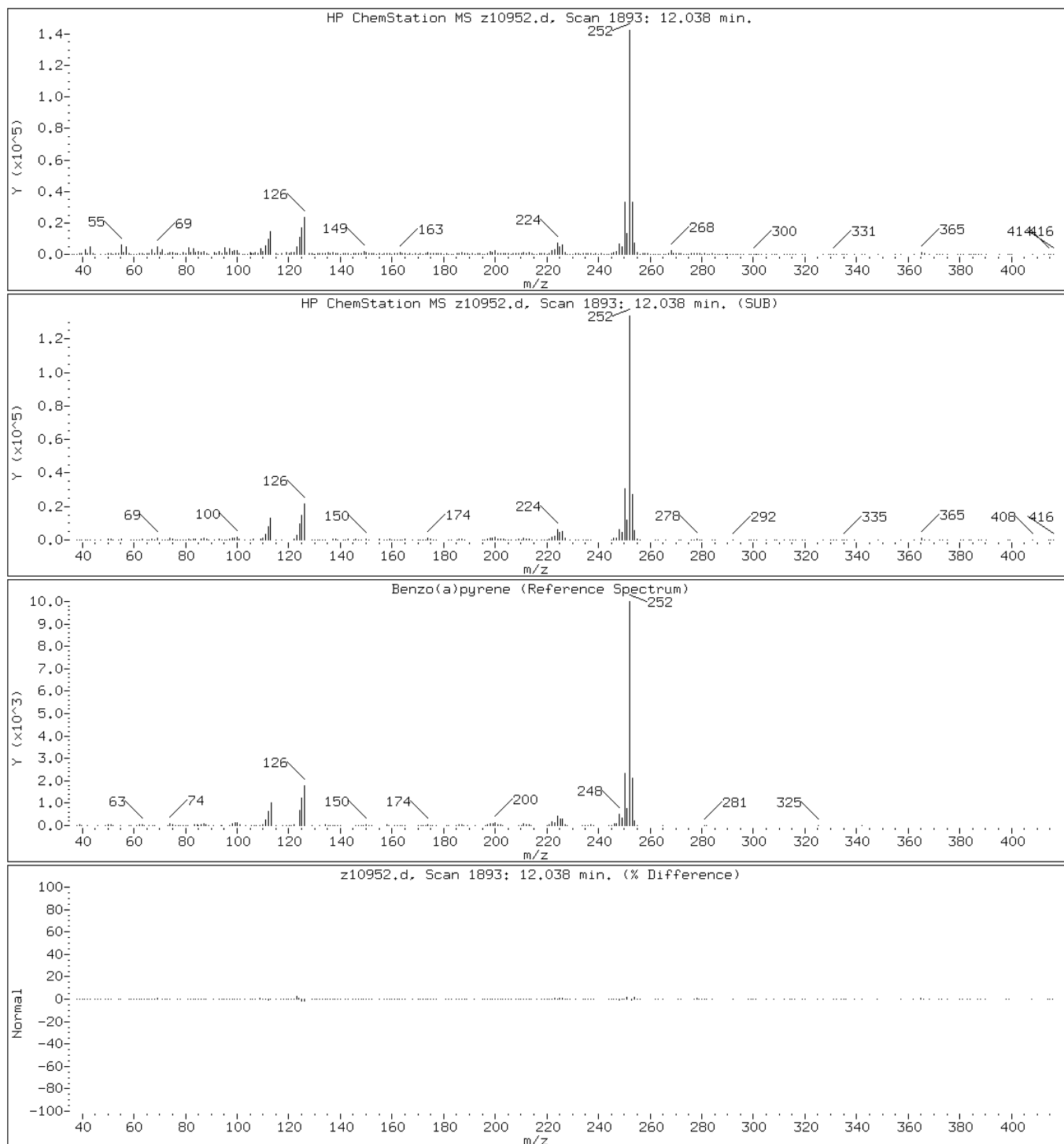
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10952.d

Date: 19-OCT-2011 02:19

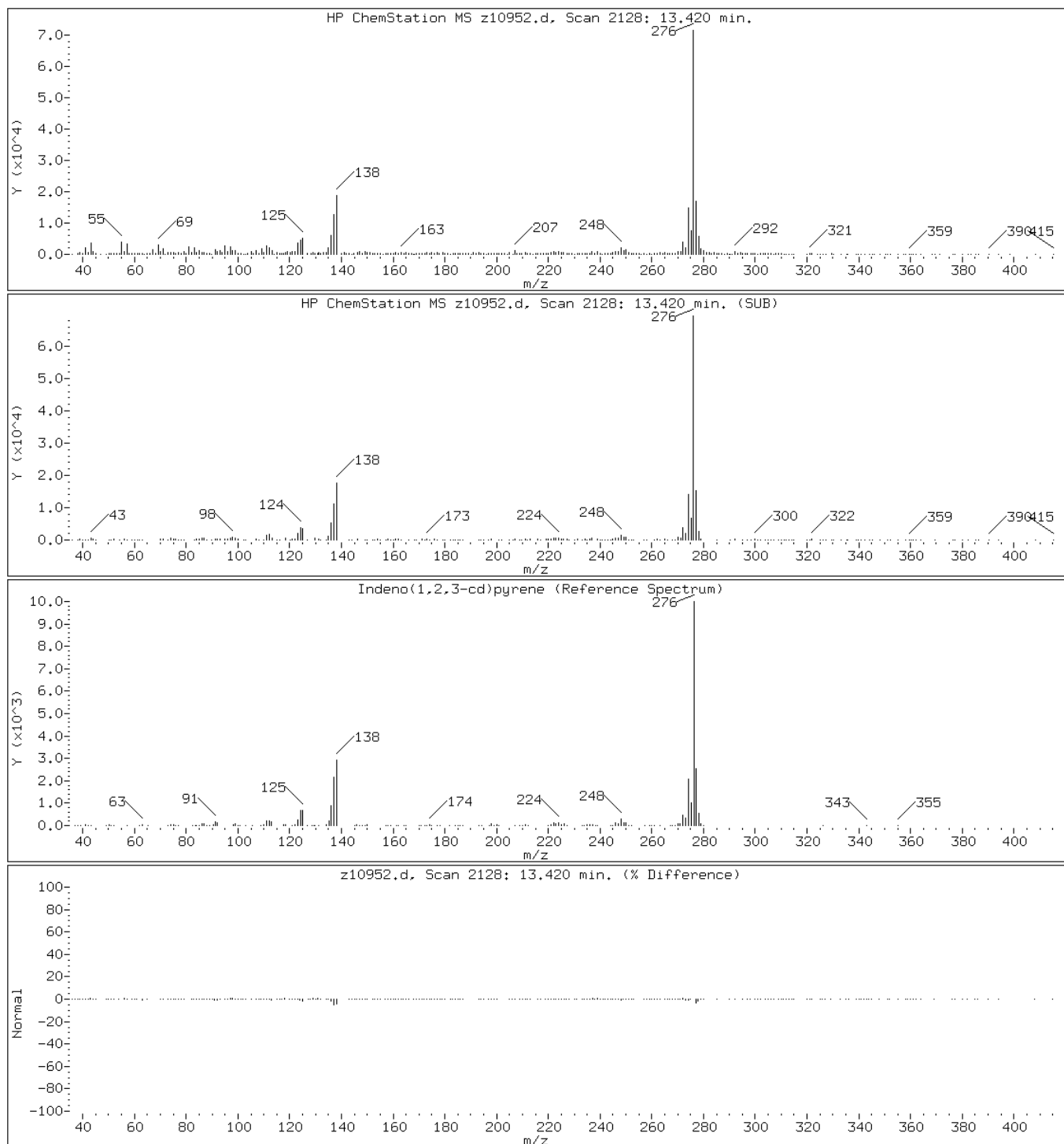
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10952.d

Date: 19-OCT-2011 02:19

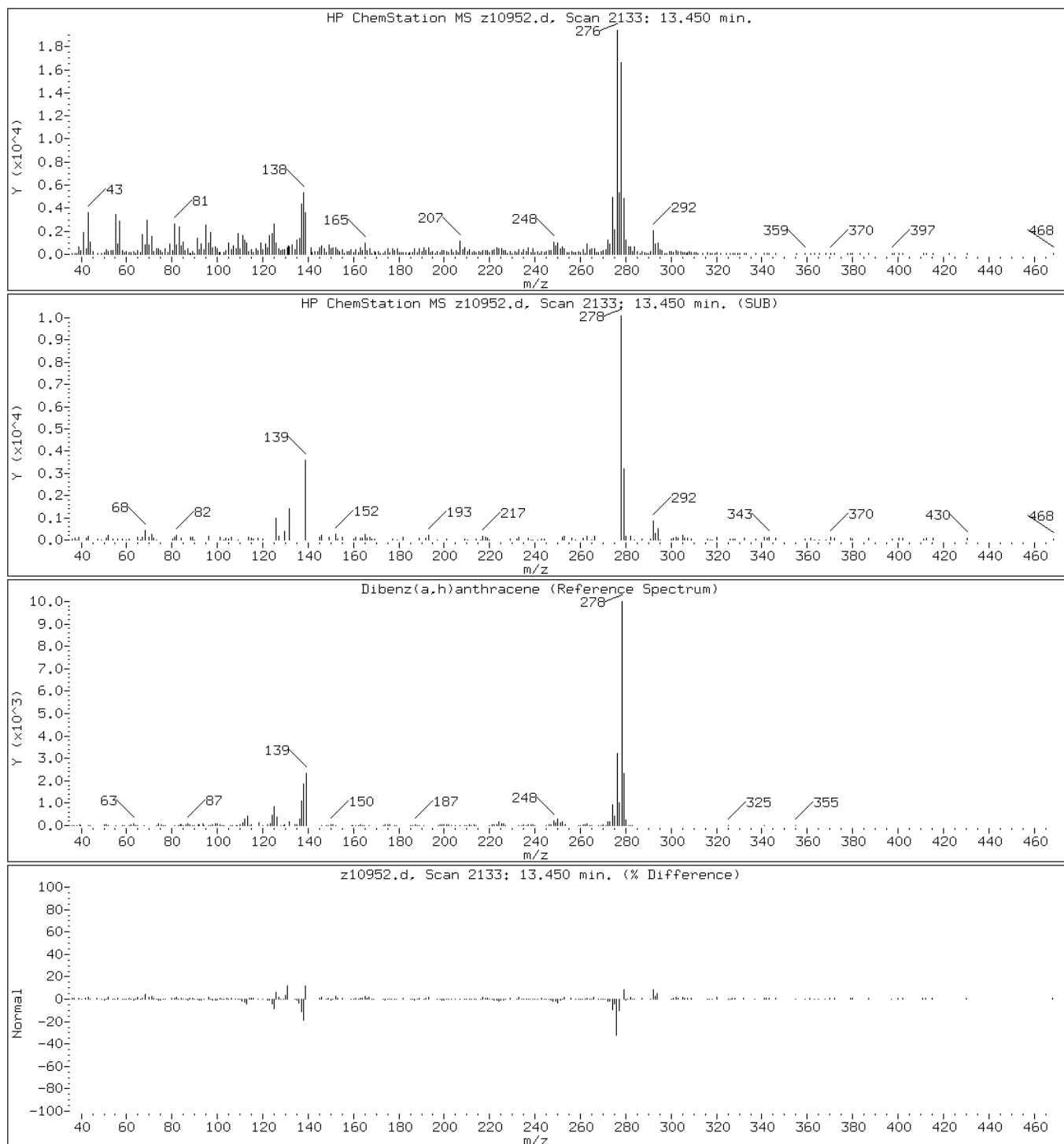
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z10952.d

Date: 19-OCT-2011 02:19

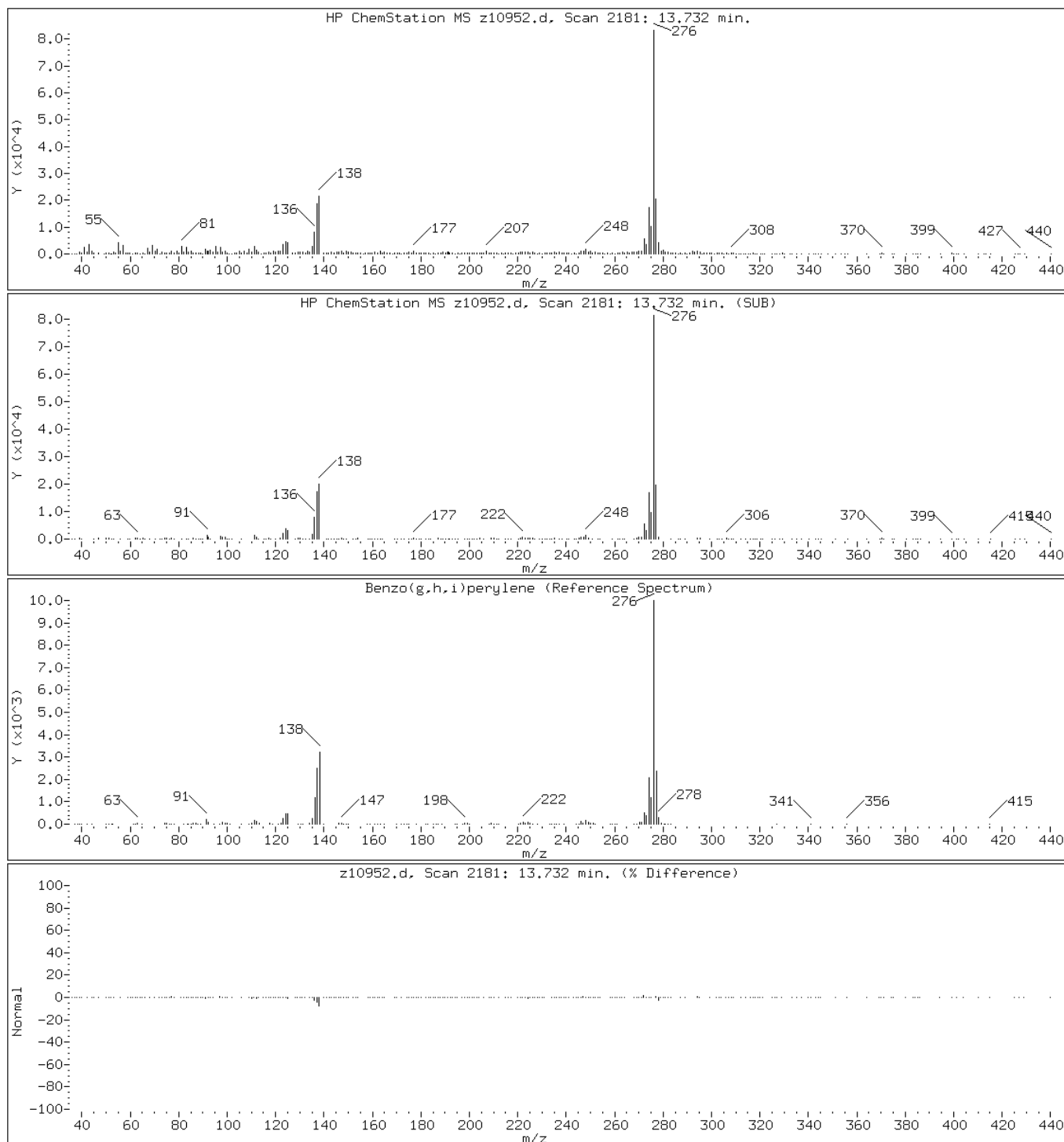
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

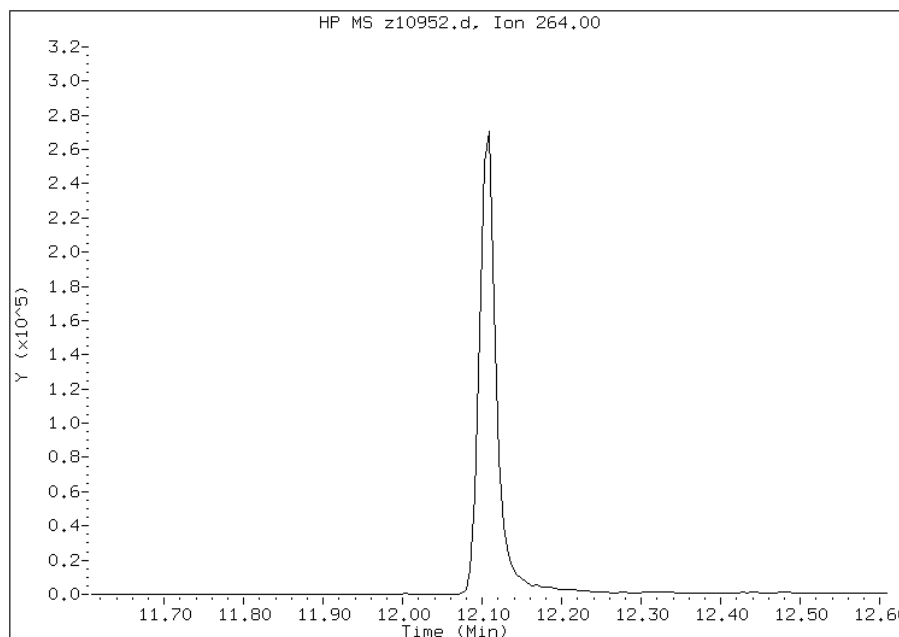


Manual Integration Report

Data File: z10952.d
Inj. Date and Time: 19-OCT-2011 02:19
Instrument ID: BNAMS11.i
Client ID: SO-17338-100511-MM-
Compound: 84 Perylene-d12
CAS #: 1520-96-3
Report Date: 10/19/2011

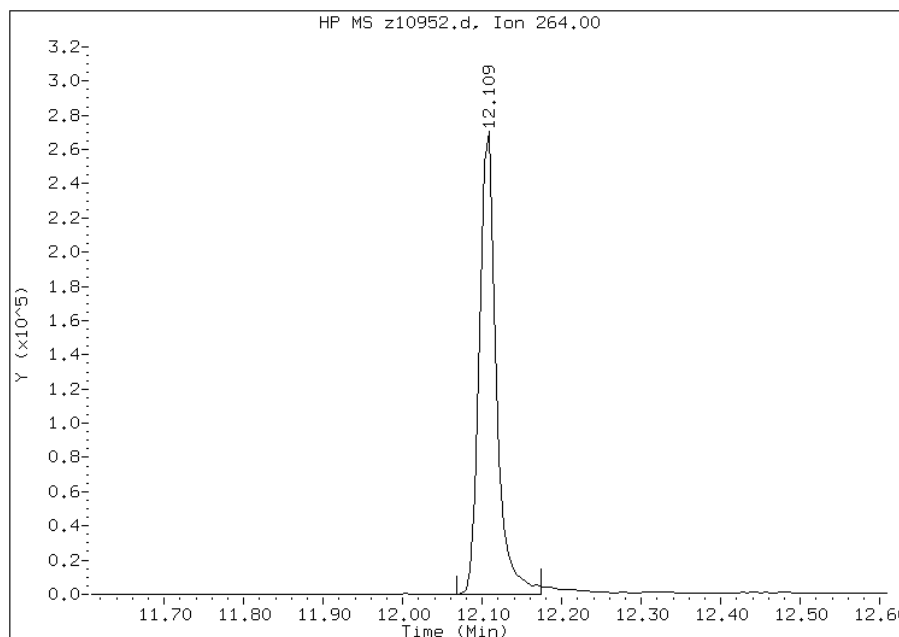
Processing Integration Results

RT: 12.11
Response: 423029
Amount: 40
Conc: 41140



Manual Integration Results

RT: 12.11
Response: 395647
Amount: 40
Conc: 41140



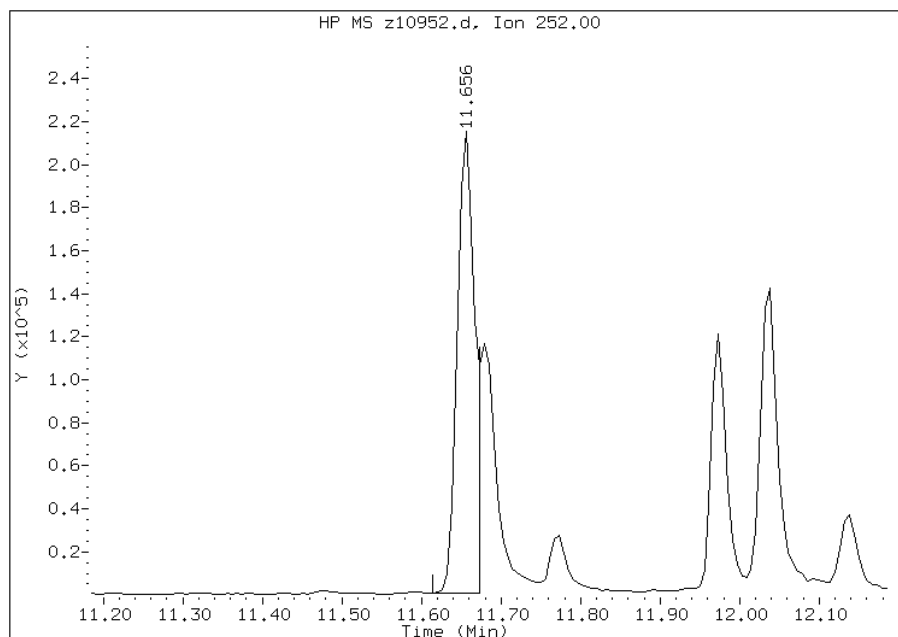
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z10952.d
Inj. Date and Time: 19-OCT-2011 02:19
Instrument ID: BNAMS11.i
Client ID: S0-17338-100511-MM-
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 10/19/2011

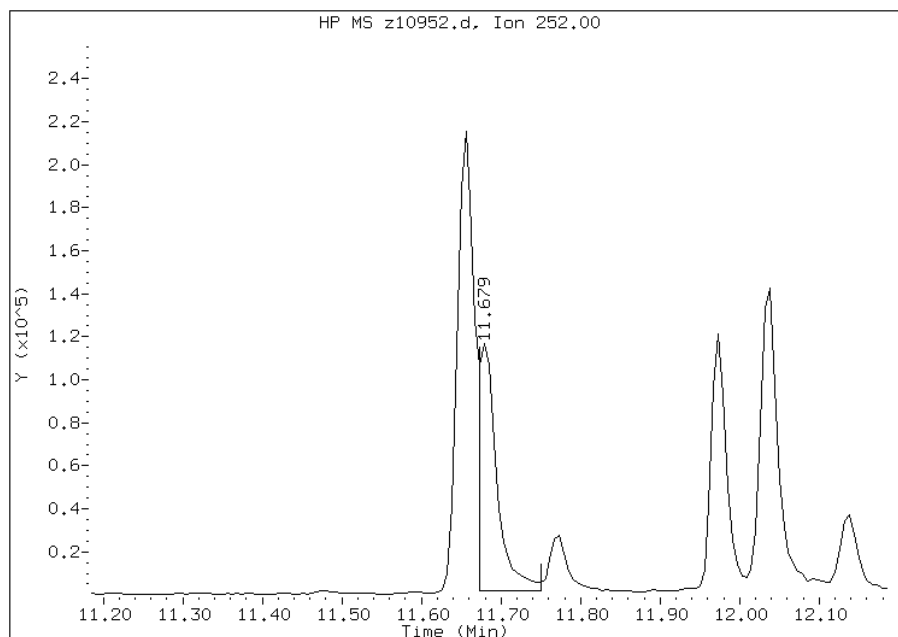
Processing Integration Results

RT: 11.66
Response: 346670
Amount: 24
Conc: 24663



Manual Integration Results

RT: 11.68
Response: 181742
Amount: 13
Conc: 13825



Manually Integrated By: wahied
Manual Integration Reason:

Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

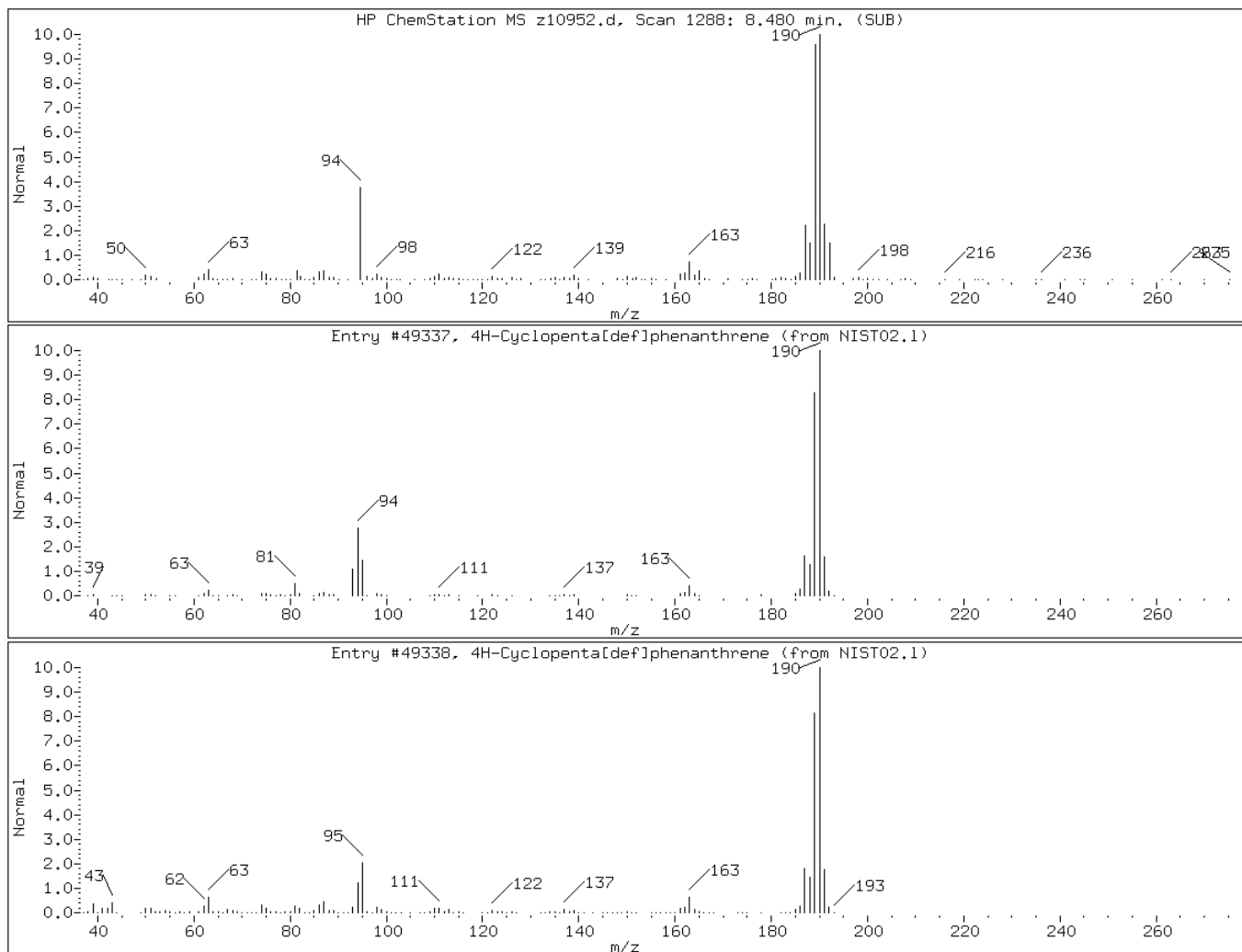
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49337	94	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49338	81	C15H10	190



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

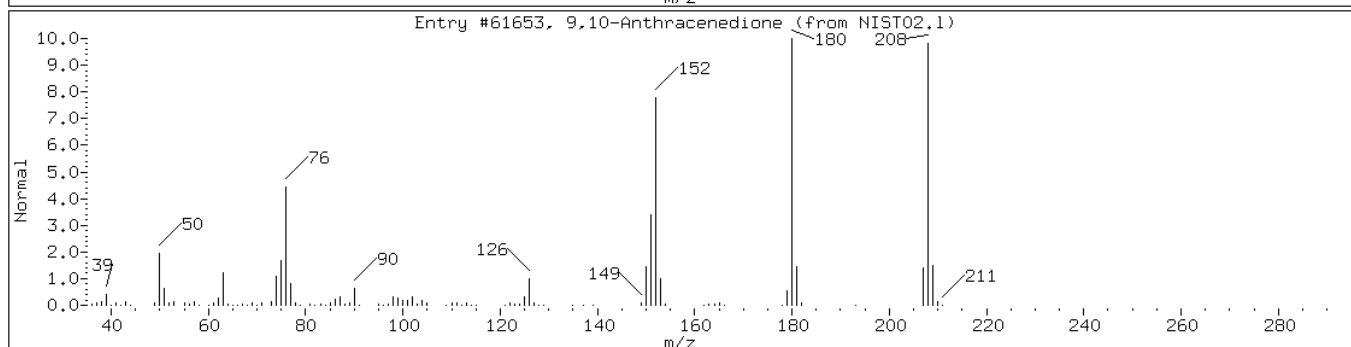
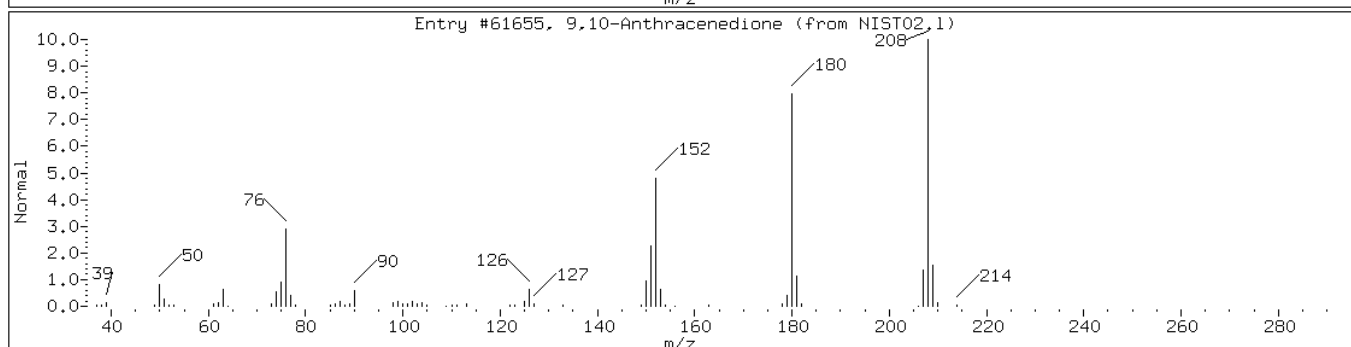
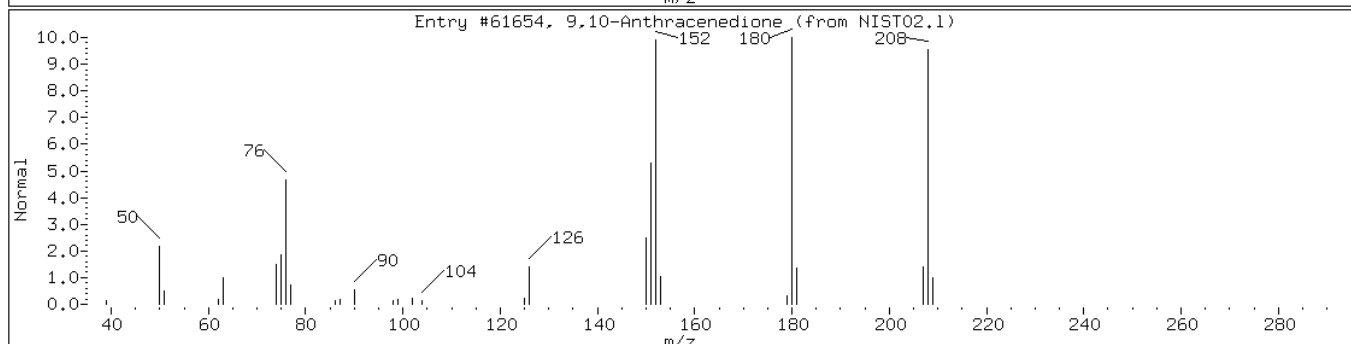
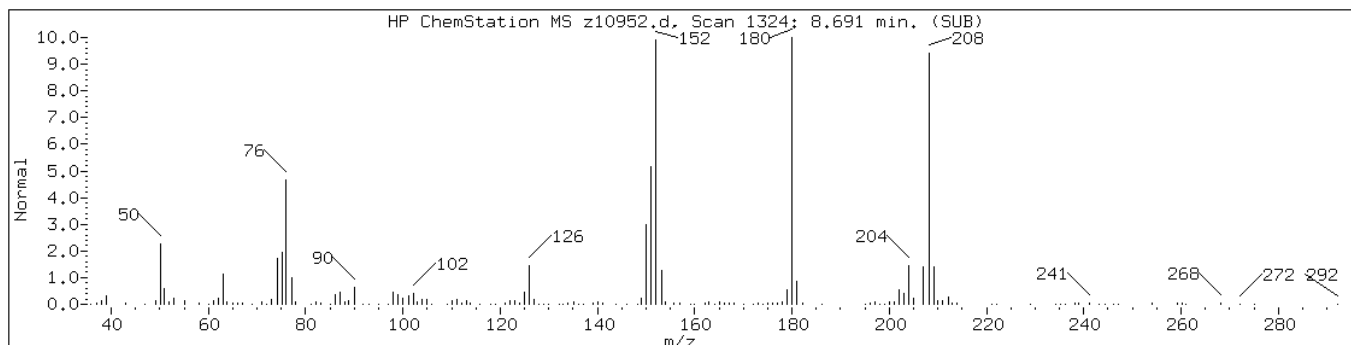
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 8.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST02.1	61654	96	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61655	94	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61653	93	C14H8O2	208



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

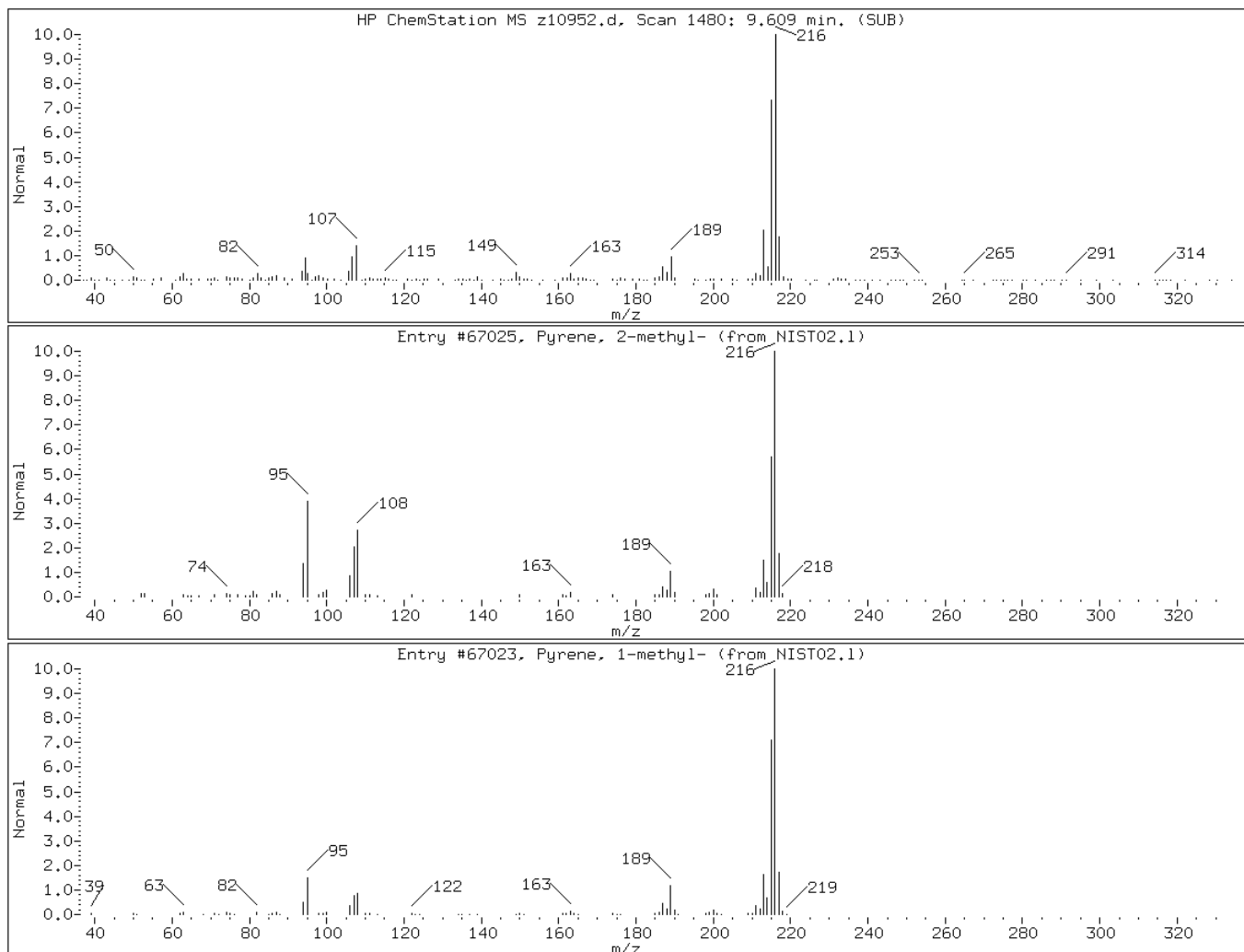
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 9.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH						
Pyrene, 2-methyl-	3442-78-2	NIST02.1	67025	95	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST02.1	67023	93	C17H12	216



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

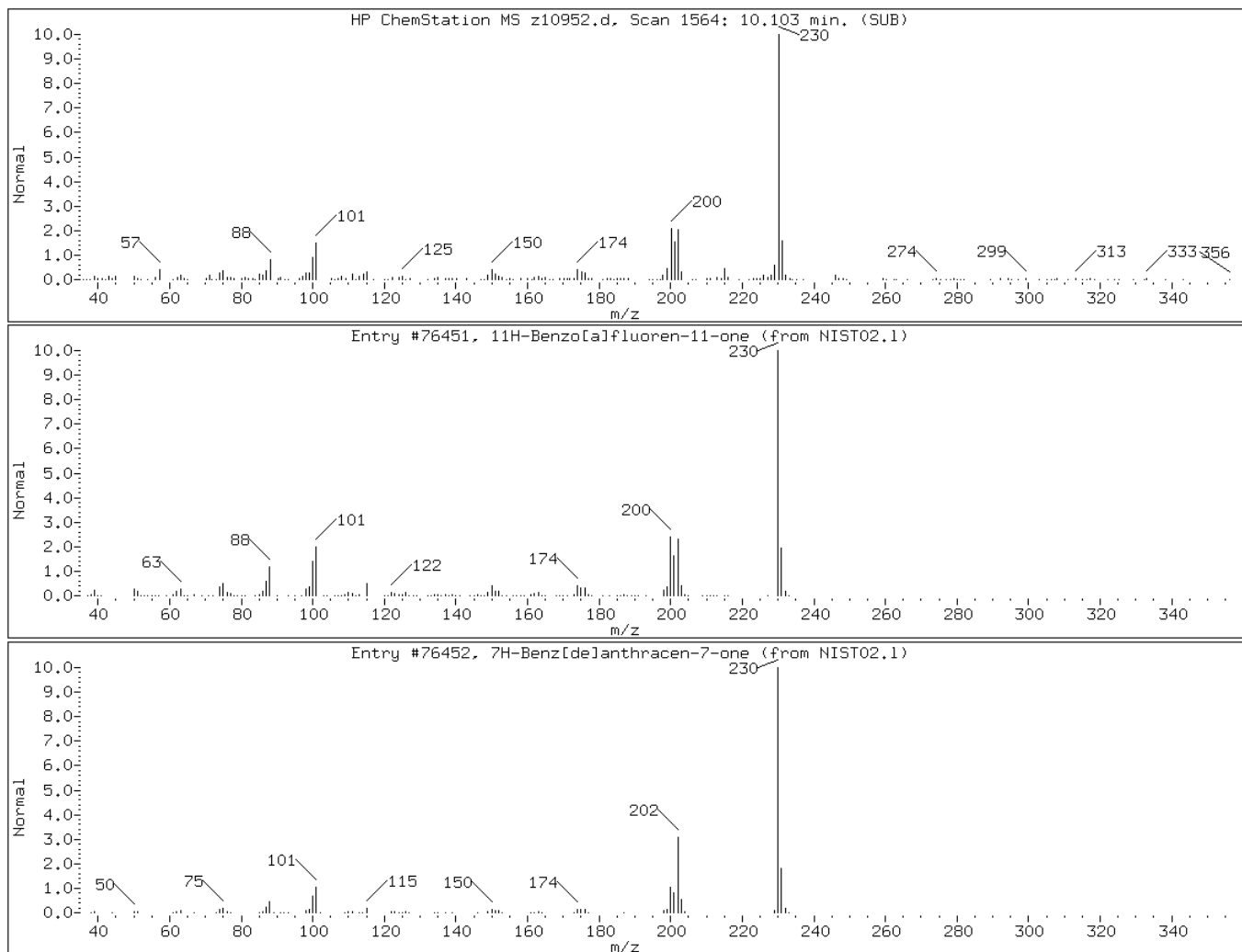
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 10.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H10O Ketone						
11H-Benzo[a]fluoren-11-one	479-79-8	NIST02.1	76451	98	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST02.1	76452	90	C17H10O	230



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

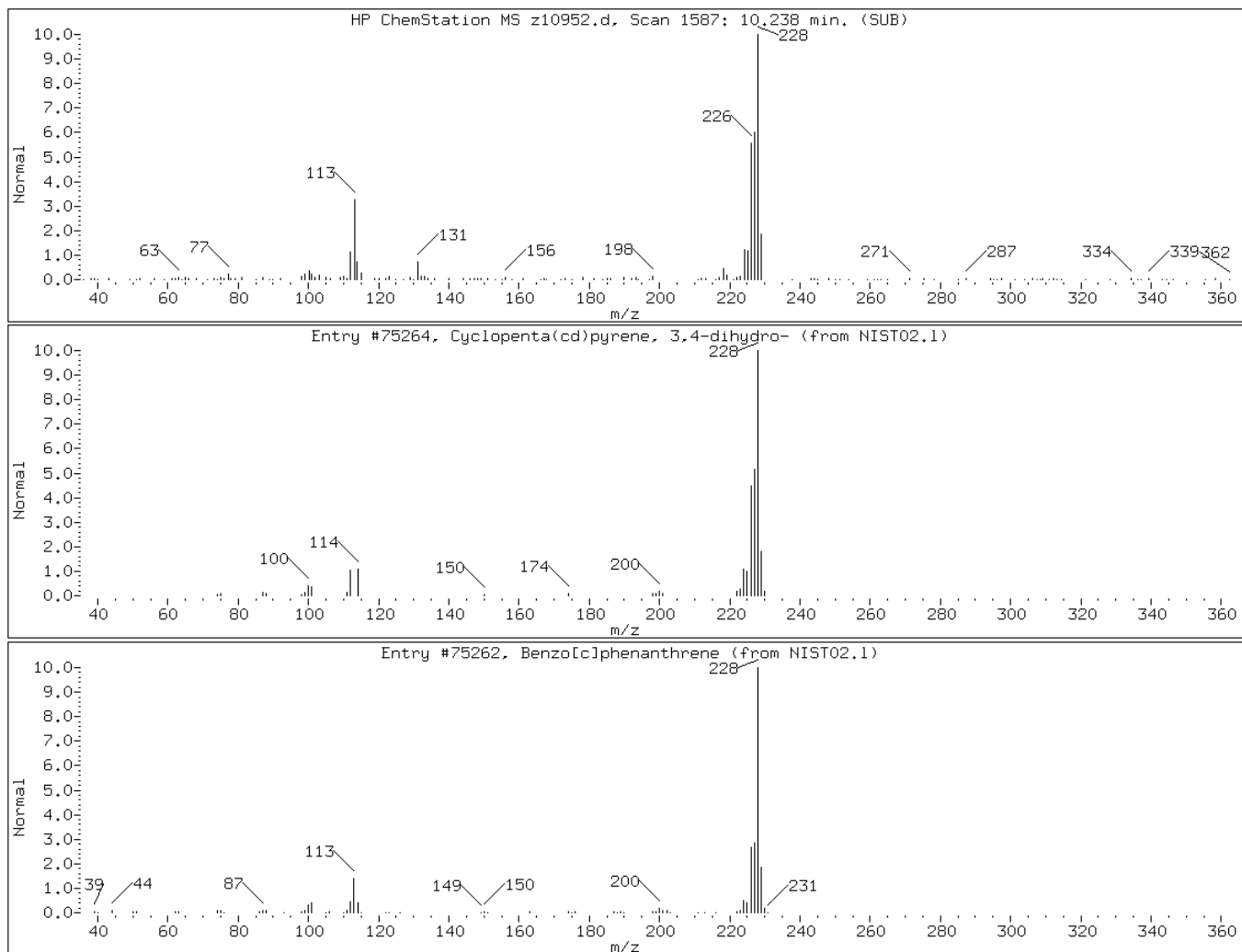
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 10.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C18H12 PAH						
Cyclopenta(cd)pyrene, 3,4-dihydro-	25732-74-5	NIST02.1	75264	58	C18H12	228
Benzo[c]phenanthrene	195-19-7	NIST02.1	75262	53	C18H12	228



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

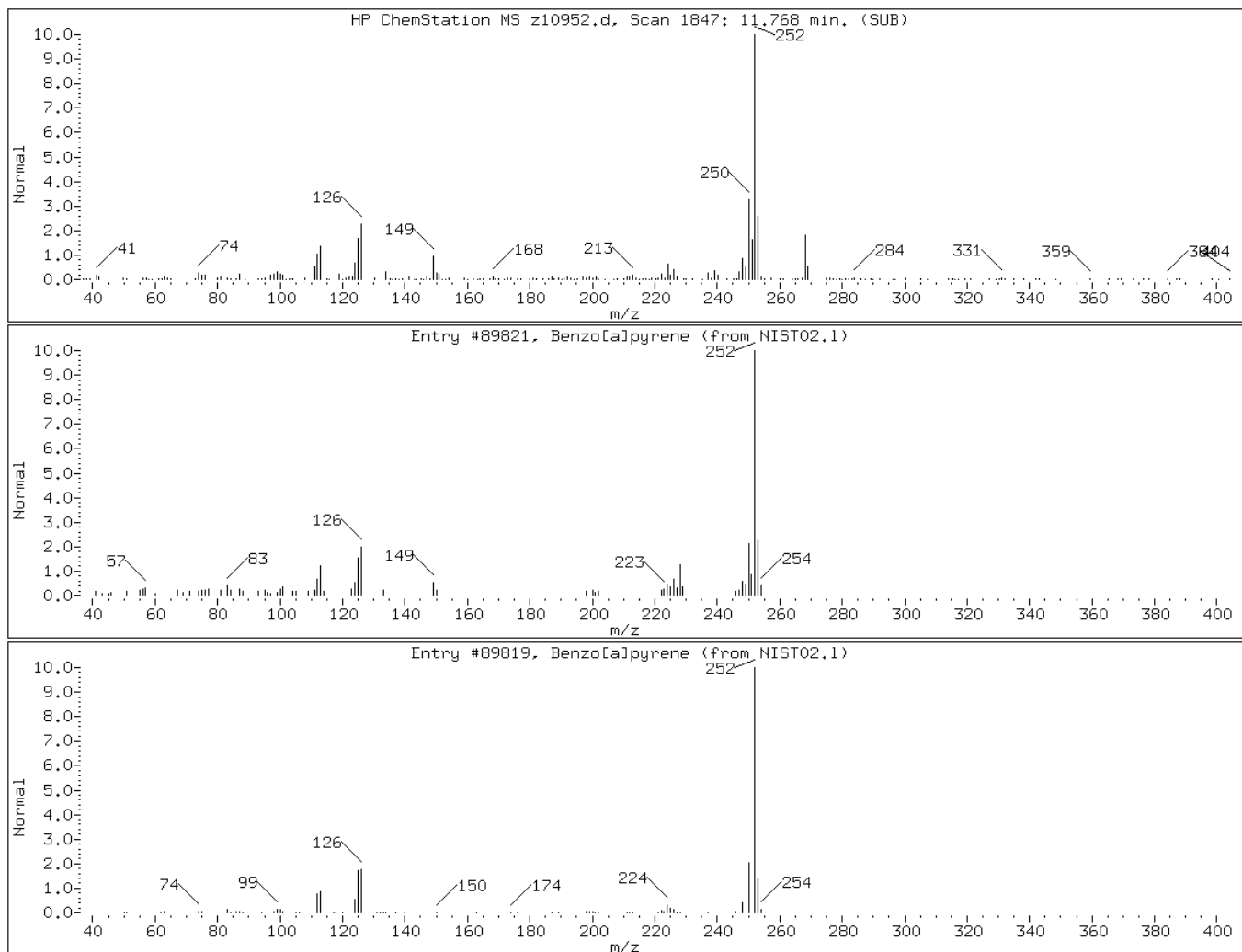
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 11.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-1						
Benzo[a]pyrene	50-32-8	NIST02.1	89821	90	C20H12	252
Benzo[a]pyrene	50-32-8	NIST02.1	89819	90	C20H12	252



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

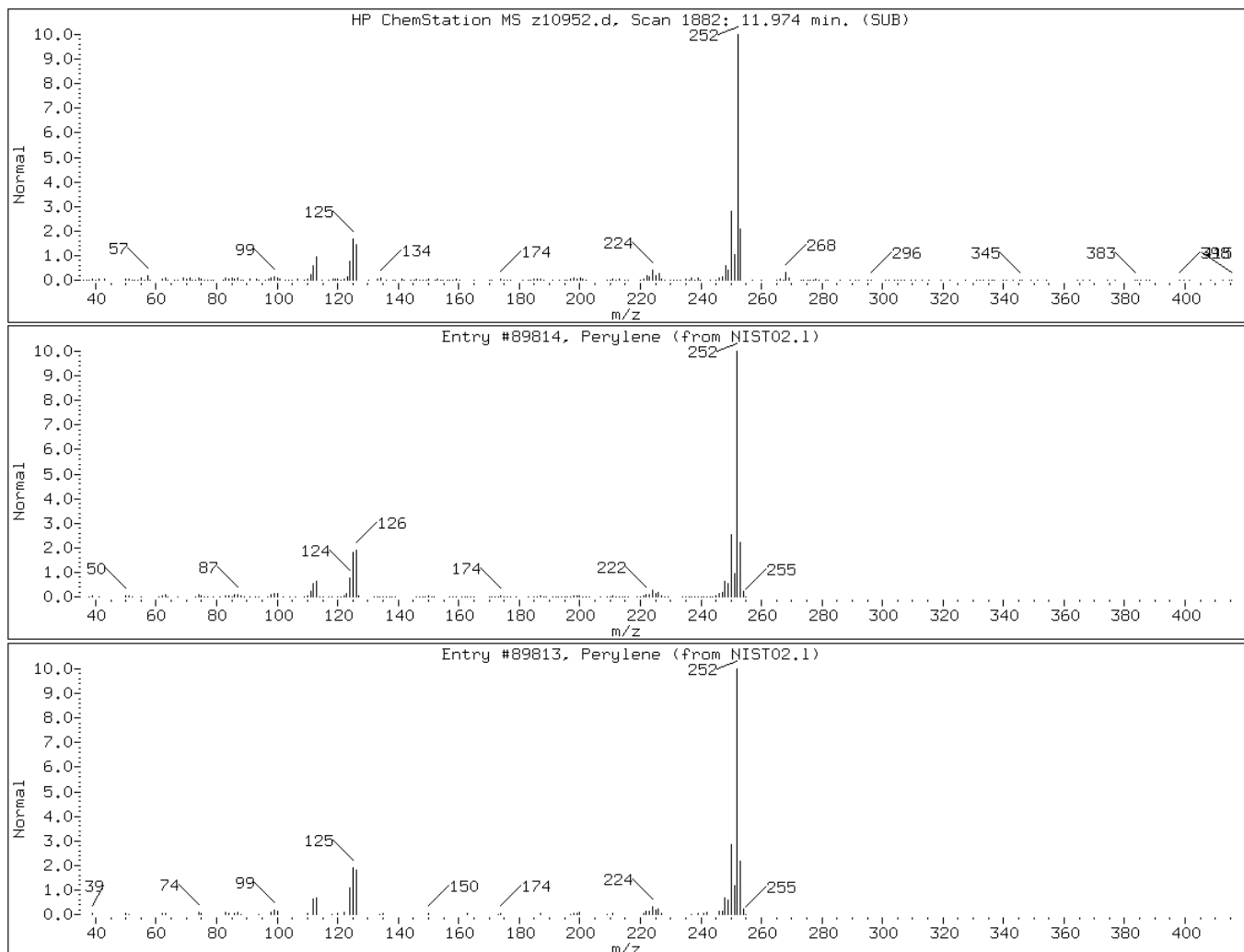
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 11.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-2						
Perylene	198-55-0	NIST02.1	89814	98	C20H12	252
Perylene	198-55-0	NIST02.1	89813	98	C20H12	252



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

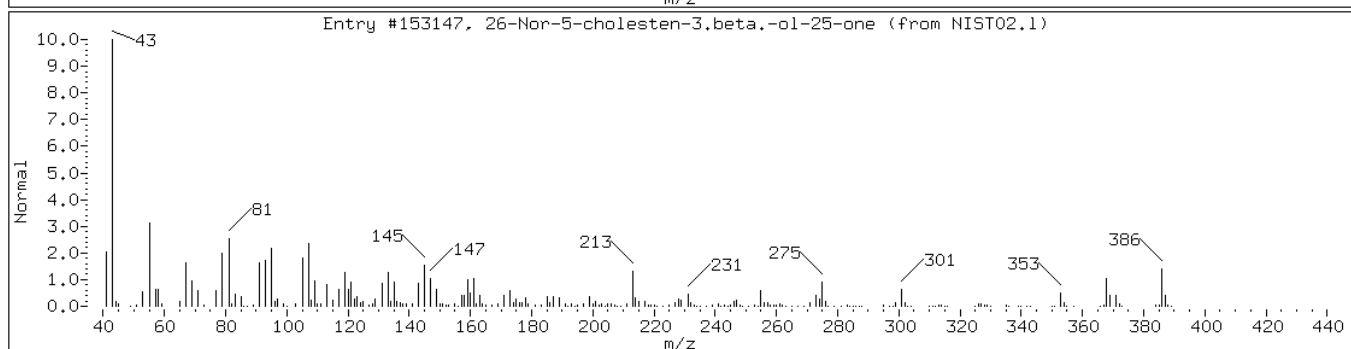
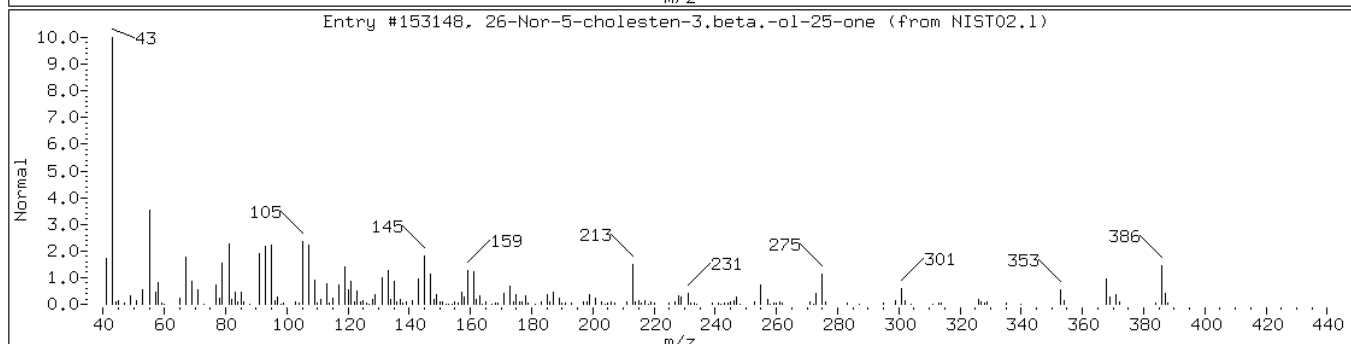
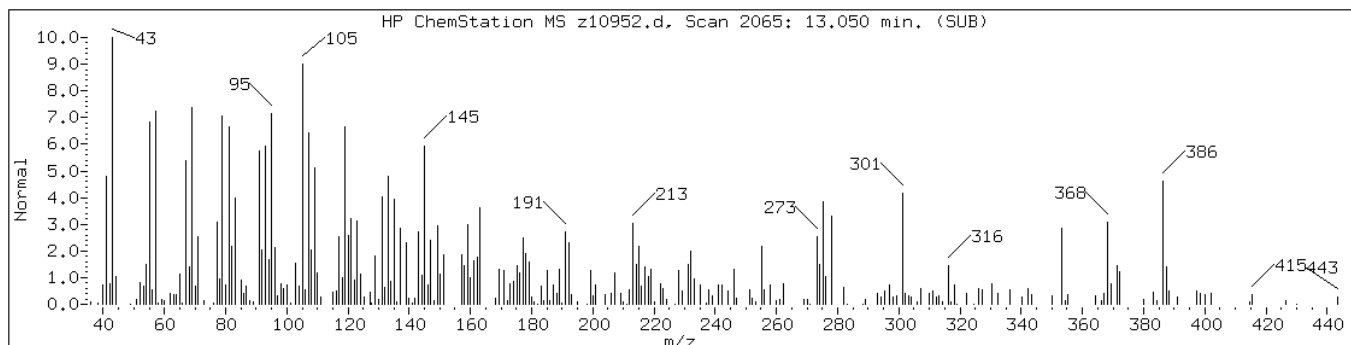
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 13.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
26-Nor-5-cholesten-3.beta.-ol-25-o	7494-34-0	NIST02.1	153148	78	C26H42O2	386
26-Nor-5-cholesten-3.beta.-ol-25-o	7494-34-0	NIST02.1	153147	78	C26H42O2	386



Data File: z10952.d

Date: 19-OCT-2011 02:19

Client ID: S0-17338-100511-MM-

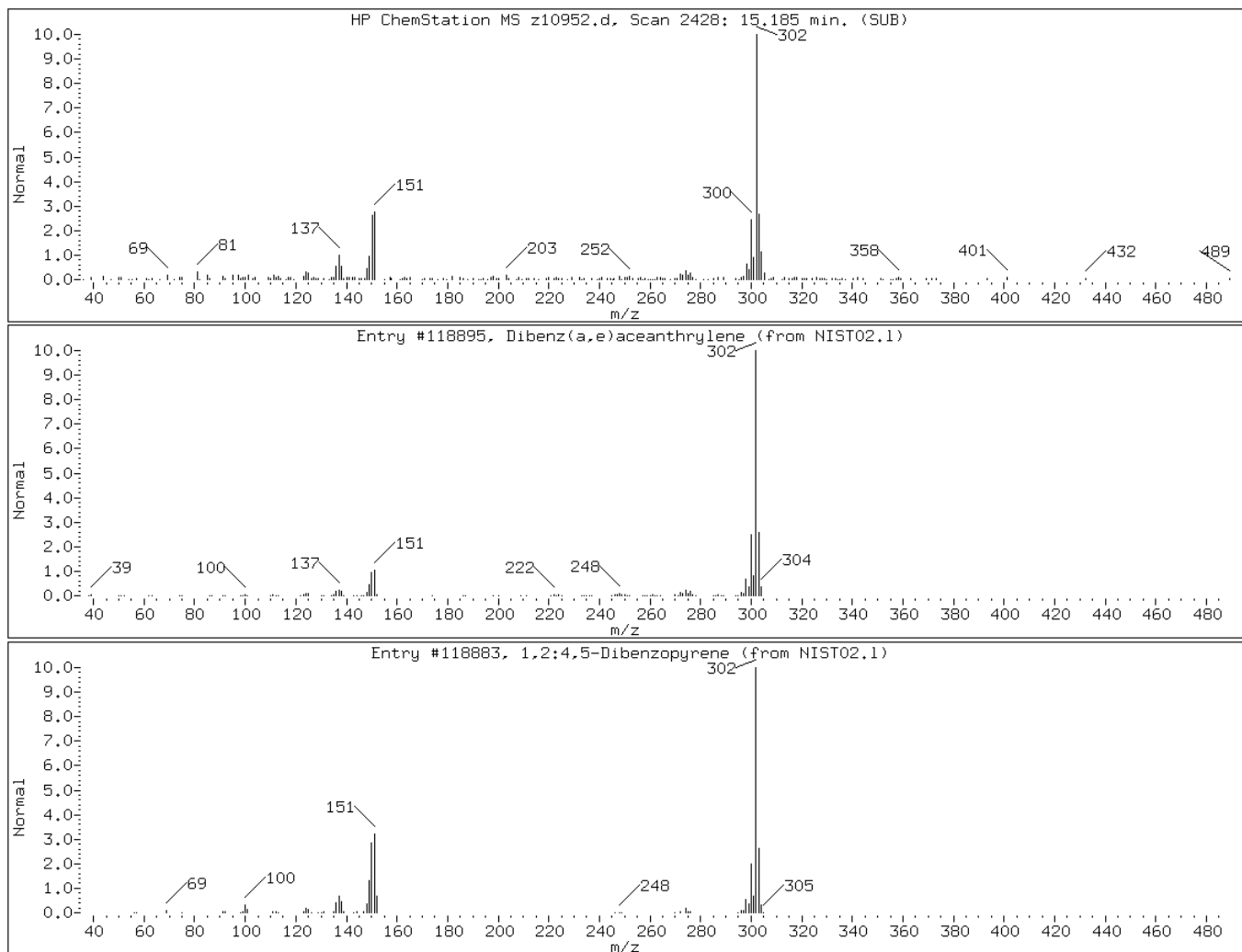
Instrument: BNAMS11.i

Sample Info: 460-32125-D-5-A

Operator: BNAMS 4

Retention Time: 15.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAH						
Dibenz(a,e)aceanthrylene	5385-75-1	NIST02.1	118895	98	C24H14	302
1,2:4,5-Dibenzopyrene	192-65-4	NIST02.1	118883	98	C24H14	302



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-145</u>	Lab Sample ID: <u>460-32125-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10778.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:50</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 17:17</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>30.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2400	U	2400	150
108-95-2	Phenol	2400	U	2400	290
111-44-4	Bis(2-chloroethyl)ether	240	U	240	49
95-57-8	2-Chlorophenol	2400	U	2400	320
95-48-7	2-Methylphenol	2400	U	2400	340
108-60-1	2,2'-oxybis[1-chloropropane]	2400	U	2400	310
98-86-2	Acetophenone	2400	U	2400	350
106-44-5	4-Methylphenol	2400	U	2400	390
621-64-7	N-Nitrosodi-n-propylamine	240	U	240	31
67-72-1	Hexachloroethane	240	U	240	40
98-95-3	Nitrobenzene	240	U	240	53
78-59-1	Isophorone	2400	U	2400	270
88-75-5	2-Nitrophenol	2400	U	2400	390
105-67-9	2,4-Dimethylphenol	2400	U	2400	380
111-91-1	Bis(2-chloroethoxy)methane	2400	U	2400	340
120-83-2	2,4-Dichlorophenol	2400	U	2400	380
91-20-3	Naphthalene	850	J	2400	350
106-47-8	4-Chloroaniline	2400	U	2400	300
87-68-3	Hexachlorobutadiene	480	U	480	96
105-60-2	Caprolactam	2400	U	2400	320
59-50-7	4-Chloro-3-methylphenol	2400	U	2400	400
91-57-6	2-Methylnaphthalene	590	J	2400	350
77-47-4	Hexachlorocyclopentadiene	2400	U	2400	690
88-06-2	2,4,6-Trichlorophenol	2400	U	2400	420
95-95-4	2,4,5-Trichlorophenol	2400	U	2400	460
92-52-4	1,1'-Biphenyl	2400	U	2400	390
91-58-7	2-Chloronaphthalene	2400	U	2400	330
88-74-4	2-Nitroaniline	4800	U	4800	650
131-11-3	Dimethyl phthalate	2400	U	2400	320
606-20-2	2,6-Dinitrotoluene	480	U	480	60
208-96-8	Acenaphthylene	2400	U	2400	340
99-09-2	3-Nitroaniline	4800	U	4800	530
83-32-9	Acenaphthene	2900		2400	340
51-28-5	2,4-Dinitrophenol	7100	U	7100	500

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6

Matrix: Solid Lab File ID: z10778.d

Analysis Method: 8270C Date Collected: 10/05/2011 12:50

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 17:17

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: _____ Level: (low/med) Low

% Moisture: 30.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7100	U	7100	610
132-64-9	Dibenzofuran	1600	J	2400	360
121-14-2	2,4-Dinitrotoluene	480	U	480	69
84-66-2	Diethyl phthalate	2400	U	2400	320
86-73-7	Fluorene	3200		2400	400
7005-72-3	4-Chlorophenyl phenyl ether	2400	U	2400	410
100-01-6	4-Nitroaniline	4800	U	4800	490
534-52-1	4,6-Dinitro-2-methylphenol	7100	U	7100	1100
86-30-6	N-Nitrosodiphenylamine	2400	U	2400	390
101-55-3	4-Bromophenyl phenyl ether	2400	U	2400	420
118-74-1	Hexachlorobenzene	240	U	240	33
1912-24-9	Atrazine	2400	U	2400	440
87-86-5	Pentachlorophenol	7100	U	7100	1200
85-01-8	Phenanthrene	34000		2400	410
120-12-7	Anthracene	8000		2400	420
86-74-8	Carbazole	5700		2400	380
84-74-2	Di-n-butyl phthalate	2400	U	2400	360
206-44-0	Fluoranthene	48000		2400	390
129-00-0	Pyrene	31000		2400	410
85-68-7	Butyl benzyl phthalate	1100	J	2400	280
91-94-1	3,3'-Dichlorobenzidine	4800	U	4800	520
56-55-3	Benzo[a]anthracene	20000		240	44
218-01-9	Chrysene	21000		2400	340
117-81-7	Bis(2-ethylhexyl) phthalate	690	J	2400	310
117-84-0	Di-n-octyl phthalate	2400	U	2400	280
205-99-2	Benzo[b]fluoranthene	19000		240	35
207-08-9	Benzo[k]fluoranthene	9800		240	33
50-32-8	Benzo[a]pyrene	17000		240	29
193-39-5	Indeno[1,2,3-cd]pyrene	15000		240	38
53-70-3	Dibenz(a,h)anthracene	2600		240	28
191-24-2	Benzo[g,h,i]perylene	14000		2400	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: z10778.d
Analysis Method: 8270C Date Collected: 10/05/2011 12:50
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 17:17
Con. Extract Vol.: 1(mL) Dilution Factor: 5
Injection Volume: _____ Level: (low/med) Low
% Moisture: 30.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	65		10-120
321-60-8	2-Fluorobiphenyl	81		40-109
367-12-4	2-Fluorophenol (Surr)	71		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	66		41-118
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-145</u>	Lab Sample ID: <u>460-32125-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10778.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 12:50</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 17:17</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>30.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>18</u>	TIC Result Total: <u>72400</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C15H12 PAH-1	8.43	2800	J
	C15H12 PAH-2	8.45	3700	J
	C15H10 PAH-1	8.53	5200	J
	C15H12 PAH-3	8.55	2500	J
84-65-1	9,10-Anthracenedione	8.74	4600	J N
	C17H12 PAH-1	9.65	3200	J
	C17H12 PAH-1	9.72	2500	J
	Benzo(b)naphthothiophene isomer	10.25	2000	J
	Unknown	10.62	2500	J
	C19H14 PAH	10.95	1900	J
	C20H12 PAH-1	11.83	4000	J
	C20H12 PAH-2	12.04	11000	J
	C20H12 PAH-3	12.20	3900	J
	C22H12 PAH-1	13.36	4400	J
	C22H12 PAH-1	13.97	3100	J
	C24H14 PAH-1	15.27	7100	J
	C24H14 PAH-2	15.38	3900	J
	C24H14 PAH-3	15.95	4100	J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
 Report Date: 15-Oct-2011 11:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
 Lab Smp Id: 460-32125-D-6-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 17:17
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-6-A
 Misc Info : 460-32125-D-6-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 17
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	30.04695	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.220	2.214	(0.645)	164545	14.2192	6800
\$ 17 Phenol-d5 (SUR)	99	3.108	3.132	(0.903)	179310	13.1787	6300
* 79 1,4-Dichlorobenzene-d4	152	3.443	3.449	(1.000)	336014	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.020	4.032	(0.847)	88978	7.97475	3800
* 80 Naphthalene-d8	136	4.743	4.755	(1.000)	1077903	40.0000	
31 Naphthalene	128	4.767	4.773	(1.005)	52592	1.78897	850(a)
34 2-Methylnaphthalene	142	5.467	5.473	(1.153)	21302	1.24539	590(a)
120 1-Methylnaphthalene	142	5.567	5.573	(1.174)	12836	0.73941	350(a)
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.901)	135617	8.05074	3800
* 82 Acenaphthene-d10	164	6.490	6.496	(1.000)	466161	40.0000	
42 Acenaphthene	154	6.520	6.532	(1.005)	81324	6.17994	2900
43 Dibenzofuran	168	6.696	6.702	(1.032)	61816	3.44910	1600(a)
47 Fluorene	166	7.026	7.037	(1.082)	94769	6.63110	3200

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
 Report Date: 15-Oct-2011 11:09

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.273	(1.120)	26223	13.0026	6200
* 83 Phenanthrene-d10	188	7.931	7.937	(1.000)	571065	40.0000	
52 Phenanthrene	178	7.955	7.961	(1.003)	1131615	70.7382	34000
53 Anthracene	178	8.002	8.008	(1.009)	272535	16.7370	8000
54 Carbazole	167	8.173	8.178	(1.030)	156256	12.0602	5700
56 Fluoranthene	202	9.114	9.114	(1.149)	1313629	100.504	48000
57 Pyrene	202	9.325	9.325	(0.886)	995223	64.3847	31000
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.903)	76538	7.24969	3400
59 Butylbenzylphthalate	149	9.996	10.002	(0.950)	16114	2.33166	1100(a)
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	442061	41.7898	20000
* 81 Chrysene-d12	240	10.520	10.519	(1.000)	362414	40.0000	
62 Chrysene	228	10.543	10.549	(1.002)	458258	43.9178	21000
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	13495	1.43851	680(a)
65 Benzo(b)fluoranthene	252	11.714	11.714	(0.963)	478907	39.2354	19000
66 Benzo(k)fluoranthene	252	11.743	11.743	(0.965)	256015	20.6515	9800
67 Benzo(a)pyrene	252	12.096	12.096	(0.994)	338793	34.8924	17000
* 84 Perylene-d12	264	12.166	12.166	(1.000)	393541	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.484	13.484	(1.108)	271202	31.6683	15000
69 Dibenz(a,h)anthracene	278	13.513	13.519	(1.111)	50021	5.41766	2600(M)
70 Benzo(g,h,i)perylene	276	13.802	13.807	(1.134)	275252	29.1754	14000

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
 Report Date: 15-Oct-2011 11:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
 Lab Smp Id: 460-32125-D-6-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 17:17
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-6-A
 Misc Info : 460-32125-D-6-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 17
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	30.04695	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 83 Phenanthrene-d10	7.931	1581019	40.000
* 81 Chrysene-d12	10.520	2529630	40.000
* 84 Perylene-d12	12.166	1080029	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
C15H12 PAH-1					CAS #:		
8.426	234384	5.92994550	2800	0		0	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
Report Date: 15-Oct-2011 11:09

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
C15H12 PAH-2				CAS #:			
8.455	308093	7.79479402	3700	0		0	83
C15H10 PAH-1				CAS #:			
8.526	433687	10.9723391	5200	0		0	83
C15H12 PAH-3				CAS #:			
8.555	204805	5.18158831	2500	0		0	83
9,10-Anthracenedione				CAS #: 84-65-1			
8.737	380739	9.63275865	4600	96	NIST02.L	61654	83
C17H12 PAH-1				CAS #:			
9.655	431236	6.81895805	3200	0		0	81
C17H12 PAH-1				CAS #:			
9.720	328620	5.19633919	2500	0		0	81
Benzo(b)naphthothiophene isomer				CAS #:			
10.255	259647	4.10568556	2000	0		0	81
Unknown				CAS #:			
10.620	327668	5.18127732	2500	0		0	81(L)
C19H14 PAH				CAS #:			
10.955	253810	4.01339816	1900	0		0	81
C20H12 PAH-1				CAS #:			
11.831	227546	8.42740397	4000	0		0	84
C20H12 PAH-2				CAS #:			
12.037	620334	22.9746837	11000	0		0	84
C20H12 PAH-3				CAS #:			
12.196	218282	8.08429243	3800	0		0	84
C22H12 PAH-1				CAS #:			
13.361	252047	9.33480174	4400	0		0	84
C22H12 PAH-1				CAS #:			
13.966	173126	6.41188607	3000	0		0	84
C24H14 PAH-1				CAS #:			
15.272	399629	14.8006519	7000	0		0	84

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10778.d
Report Date: 15-Oct-2011 11:09

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
C24H14 PAH-2							
15.384	220072	8.15058920	3900	0		0	84
C24H14 PAH-3							
15.954	231747	8.58298364	4100	0		0	84

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: z10778.d

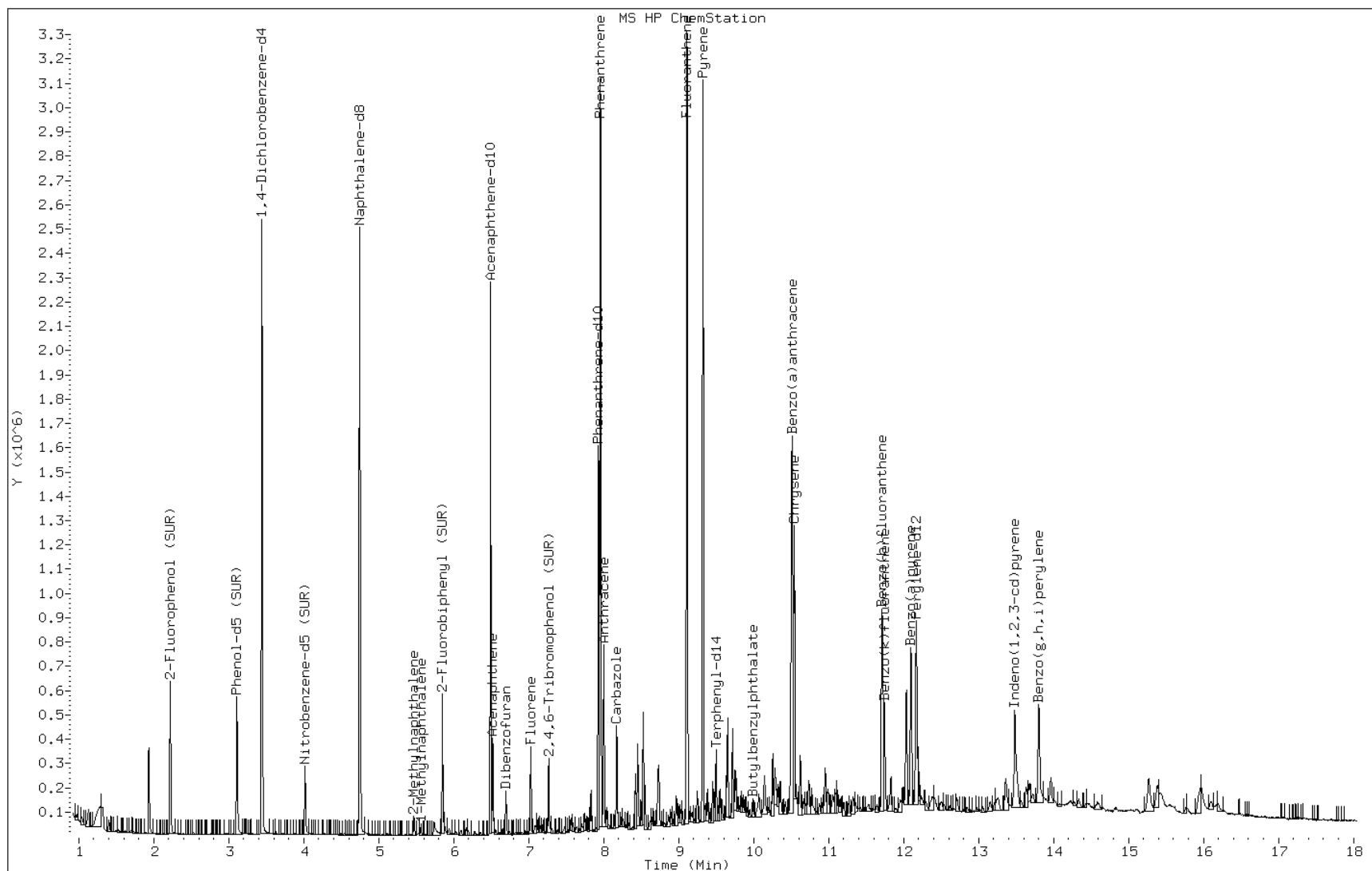
Date: 13-OCT-2011 17:17

Client ID: SO-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4



Data File: z10778.d

Date: 13-OCT-2011 17:17

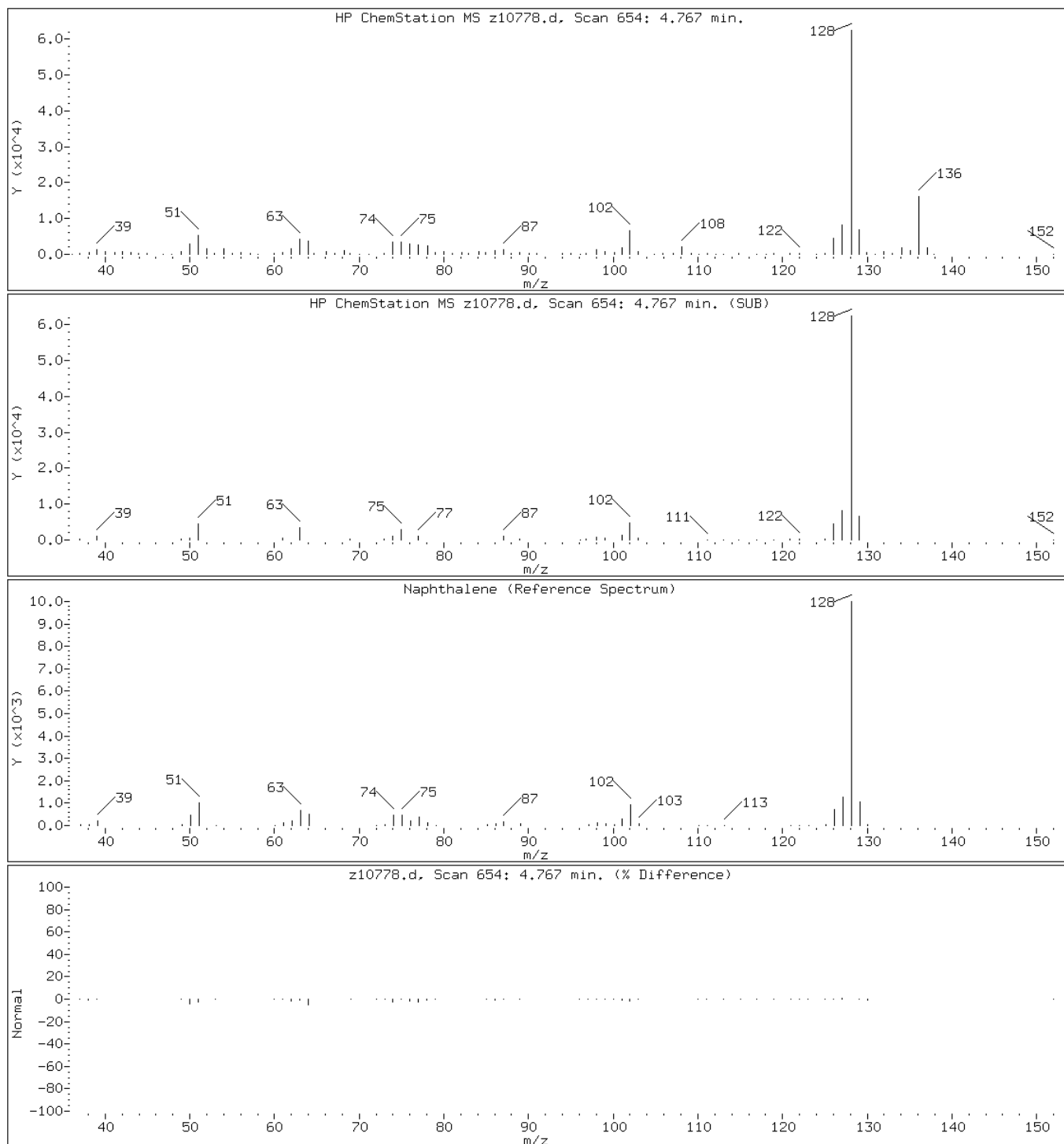
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

31 Naphthalene



Data File: z10778.d

Date: 13-OCT-2011 17:17

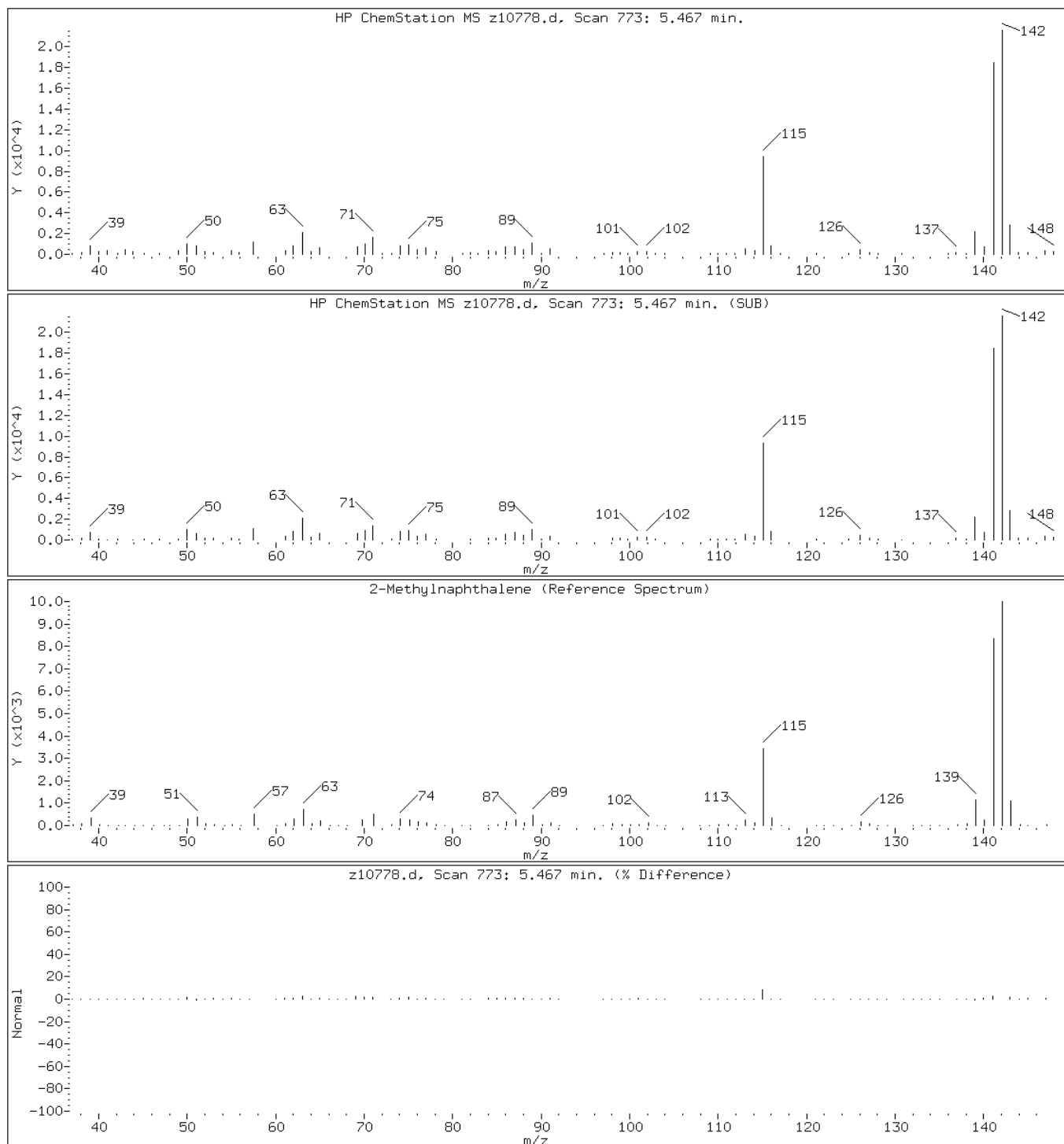
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: z10778.d

Date: 13-OCT-2011 17:17

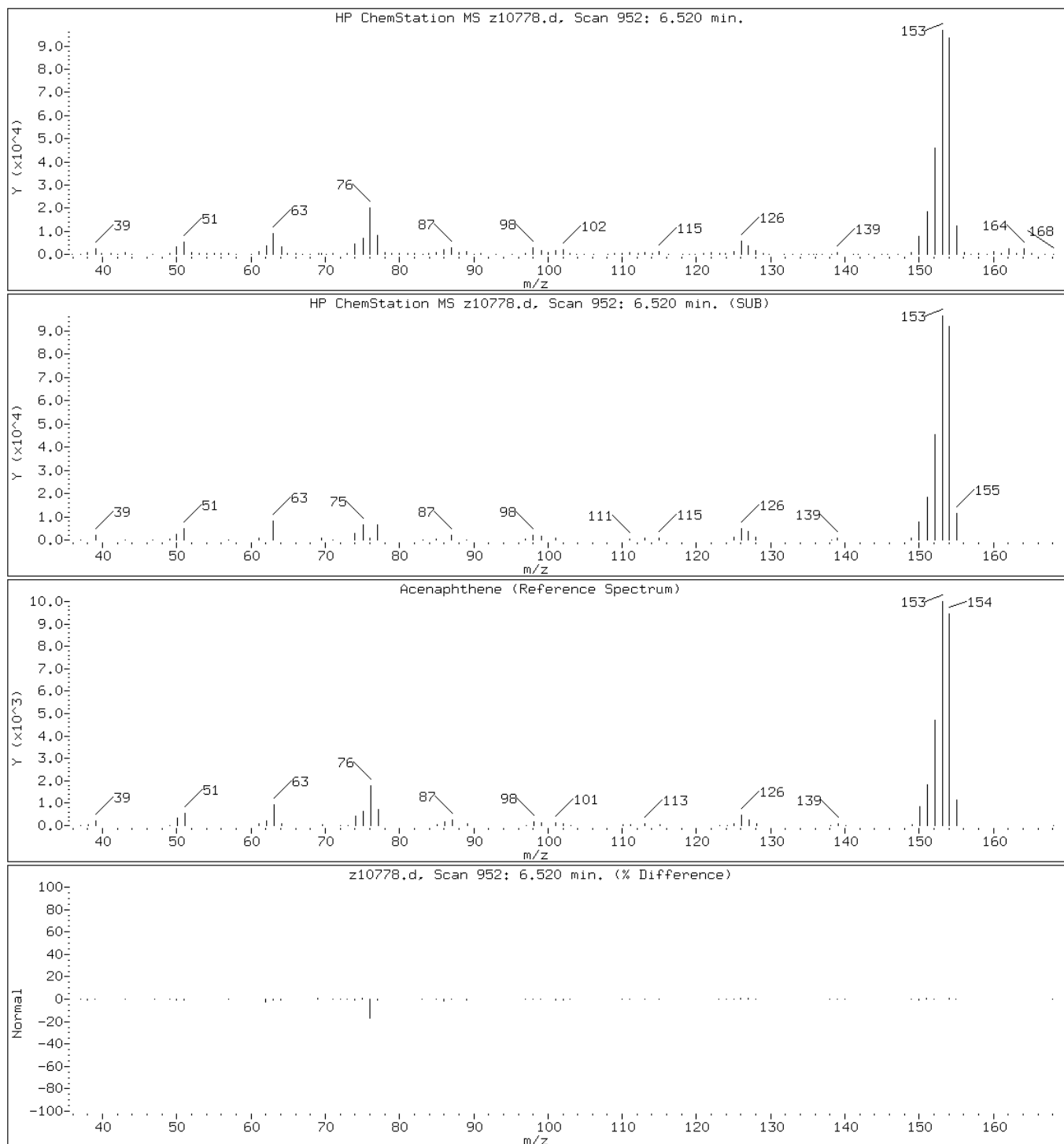
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

42 Acenaphthene



Data File: z10778.d

Date: 13-OCT-2011 17:17

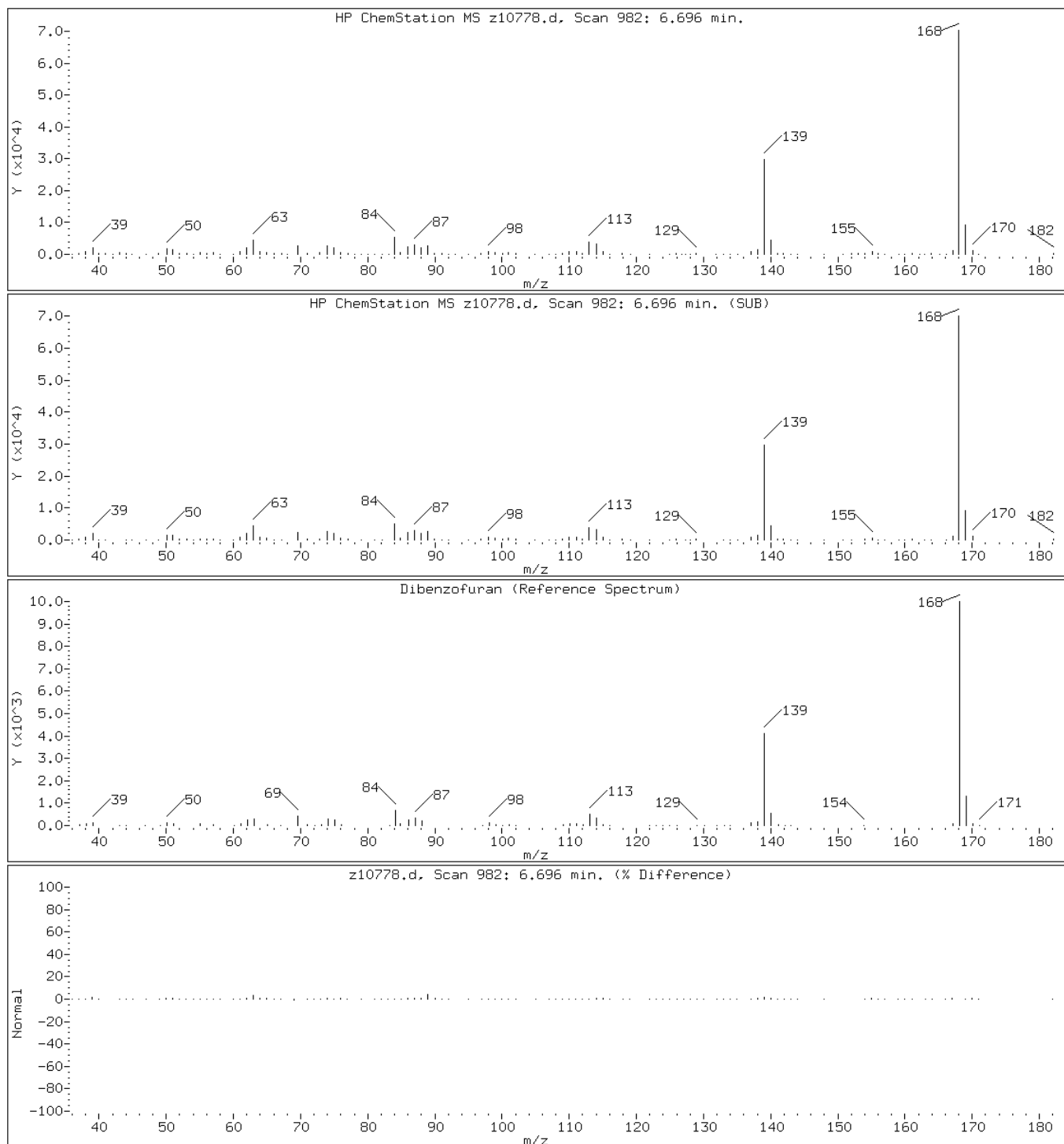
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

43 Dibenzofuran



Data File: z10778.d

Date: 13-OCT-2011 17:17

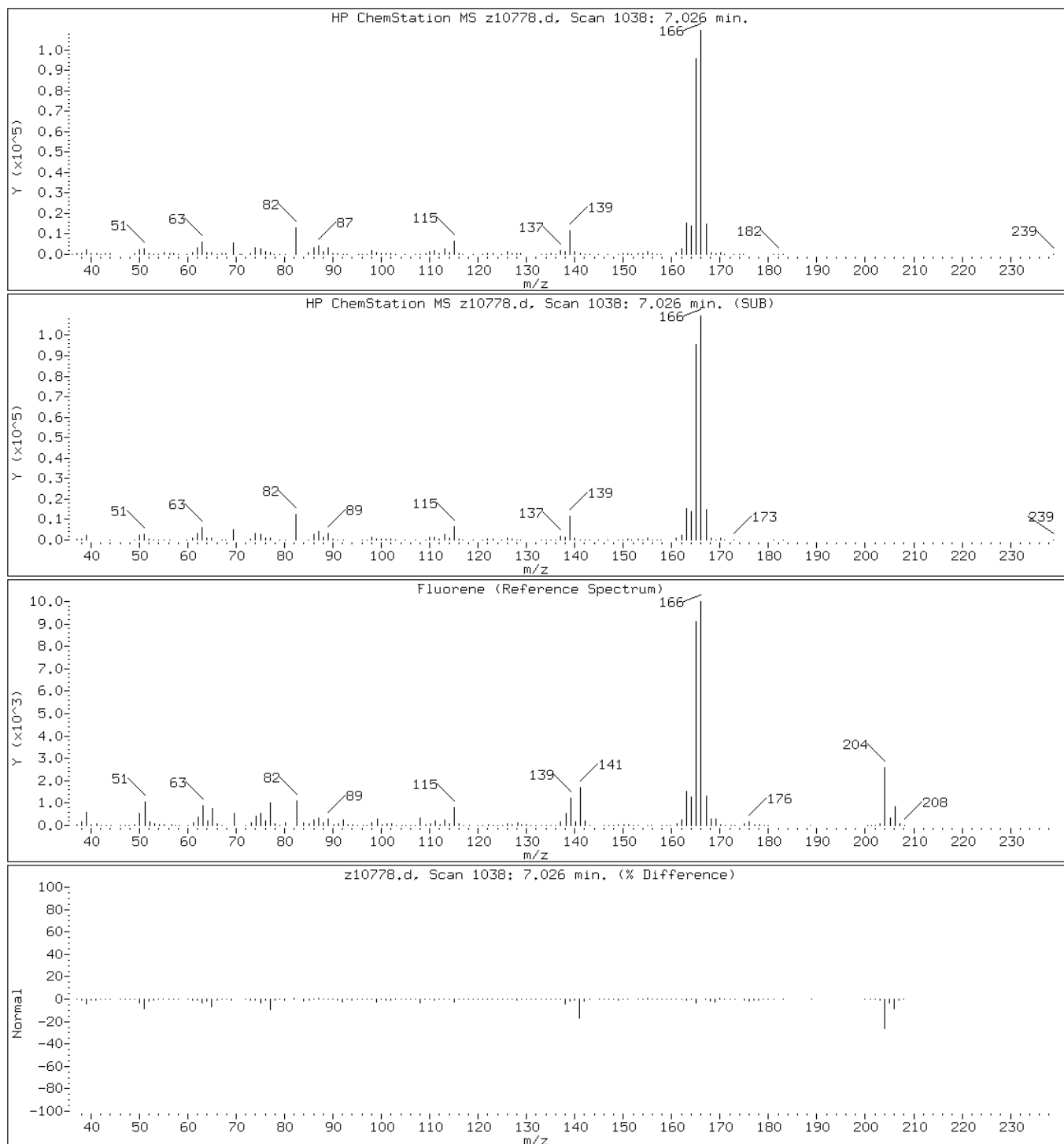
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

47 Fluorene



Data File: z10778.d

Date: 13-OCT-2011 17:17

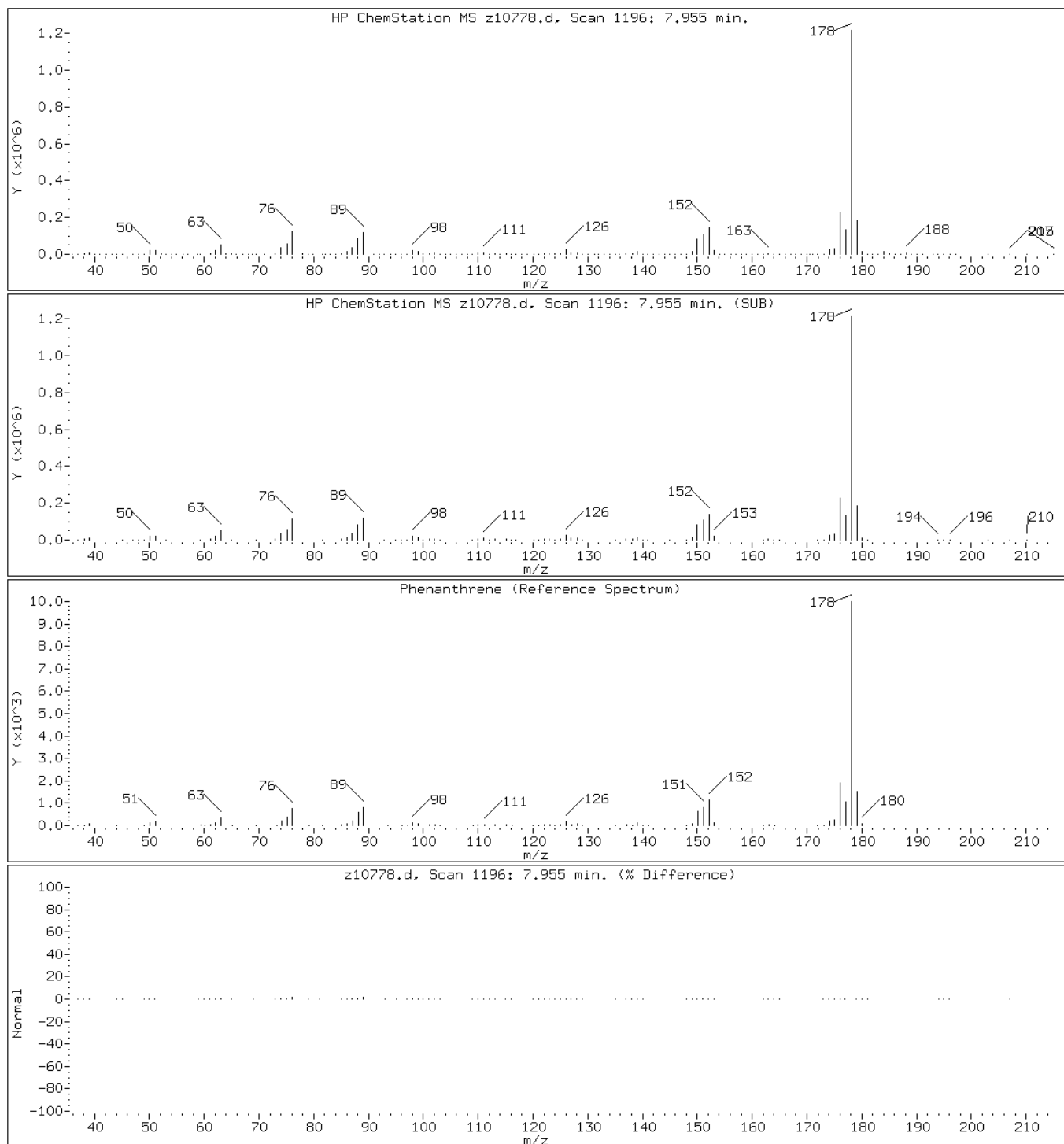
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10778.d

Date: 13-OCT-2011 17:17

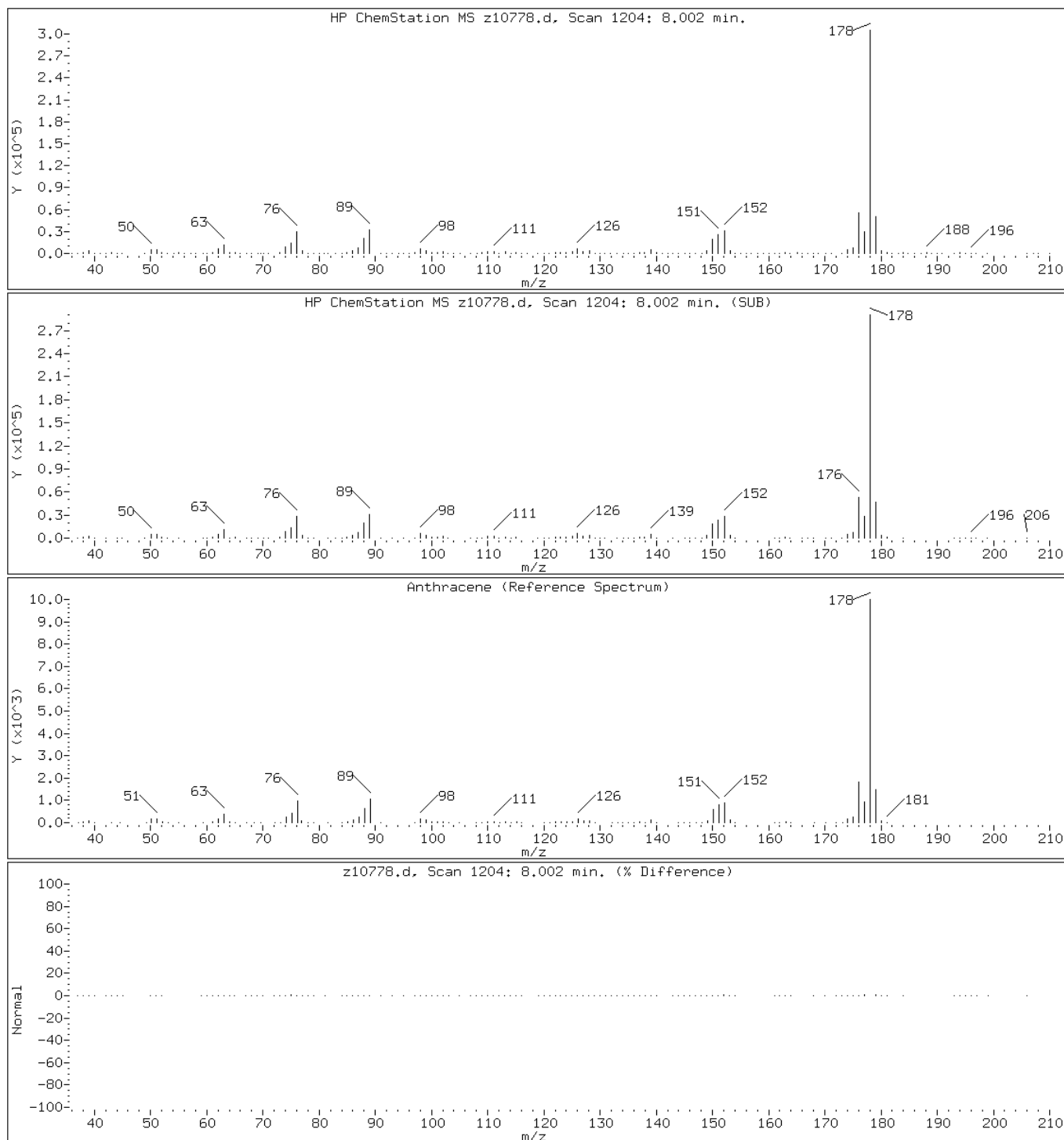
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

53 Anthracene



Data File: z10778.d

Date: 13-OCT-2011 17:17

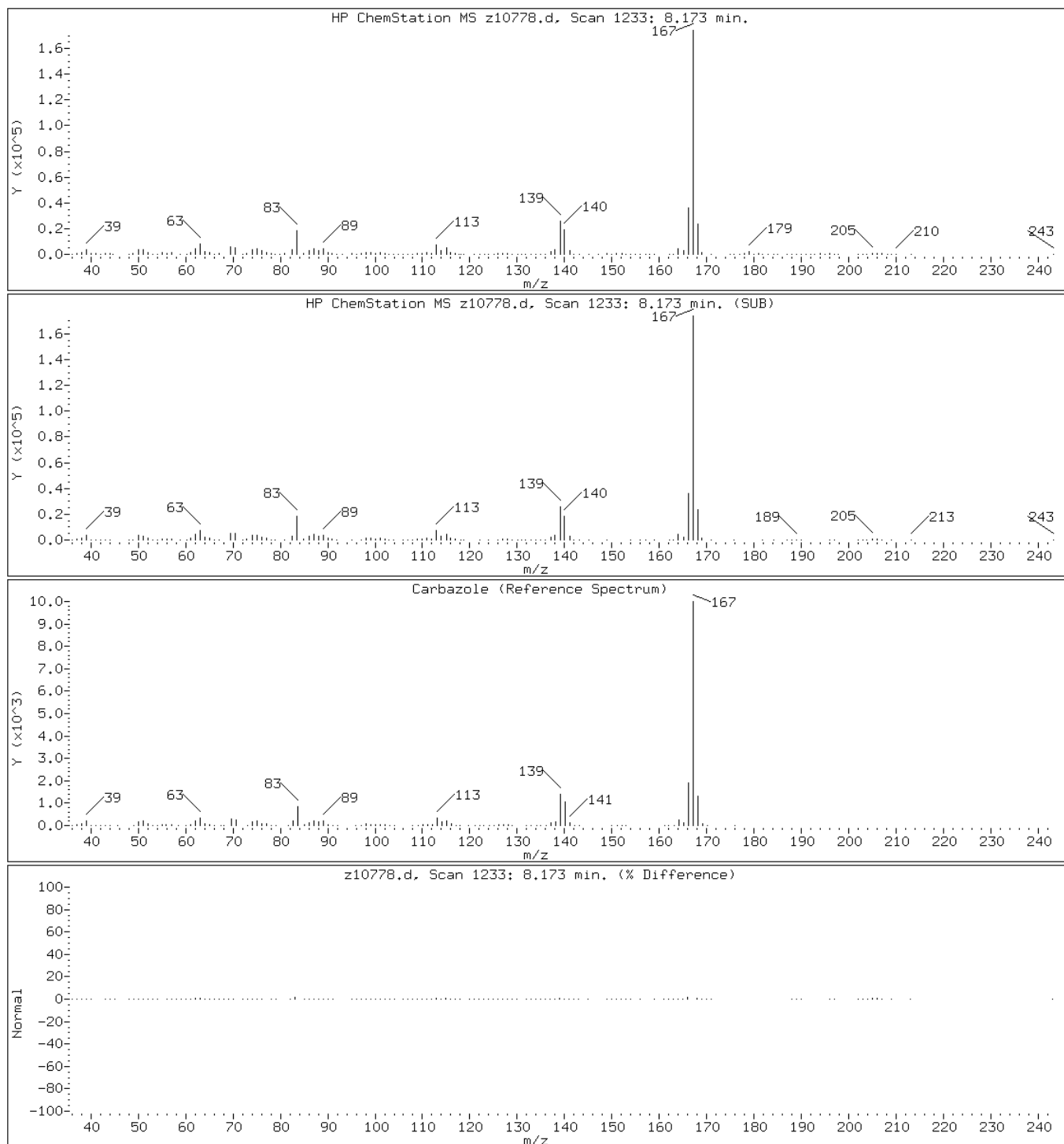
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

54 Carbazole



Data File: z10778.d

Date: 13-OCT-2011 17:17

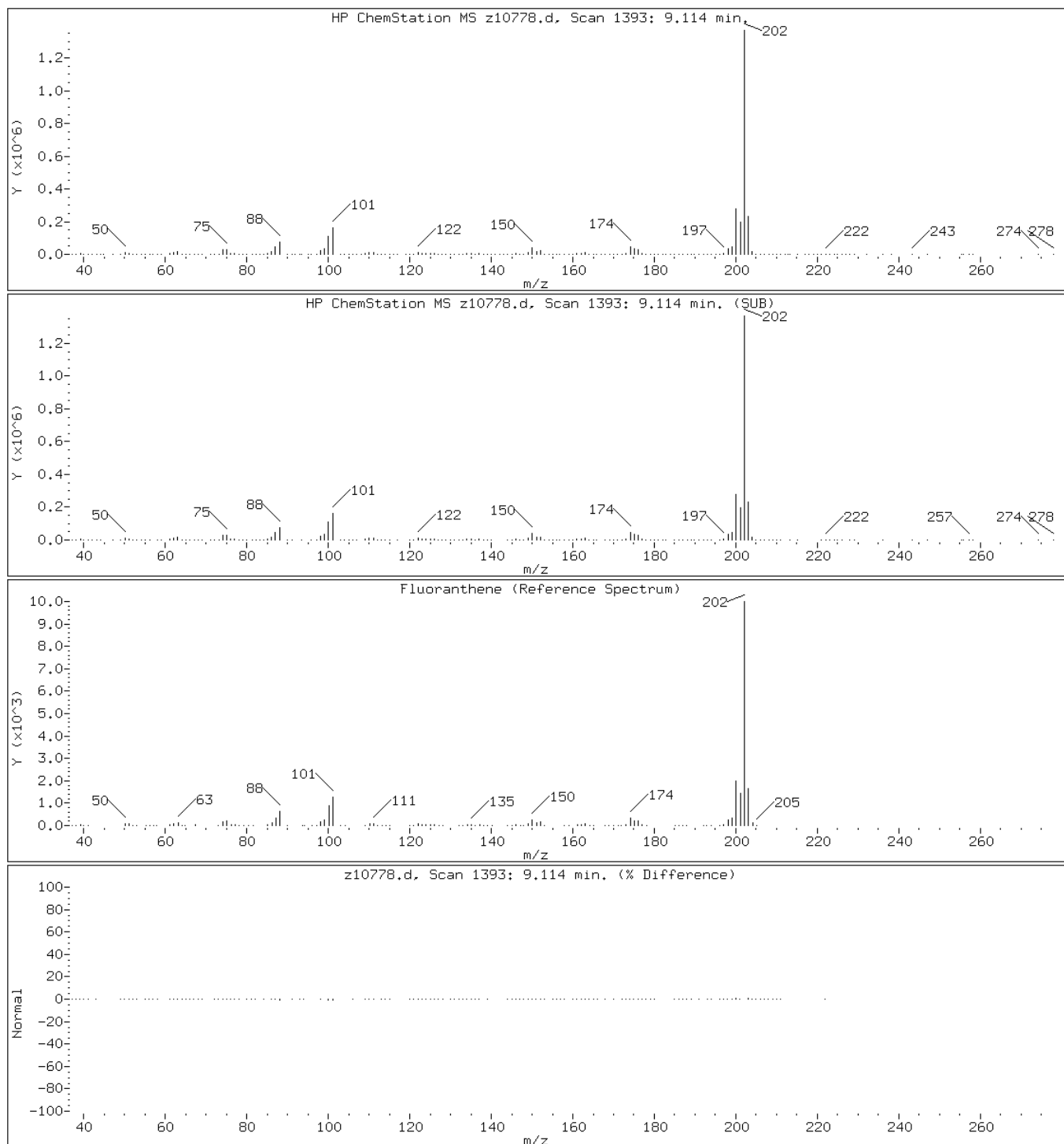
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10778.d

Date: 13-OCT-2011 17:17

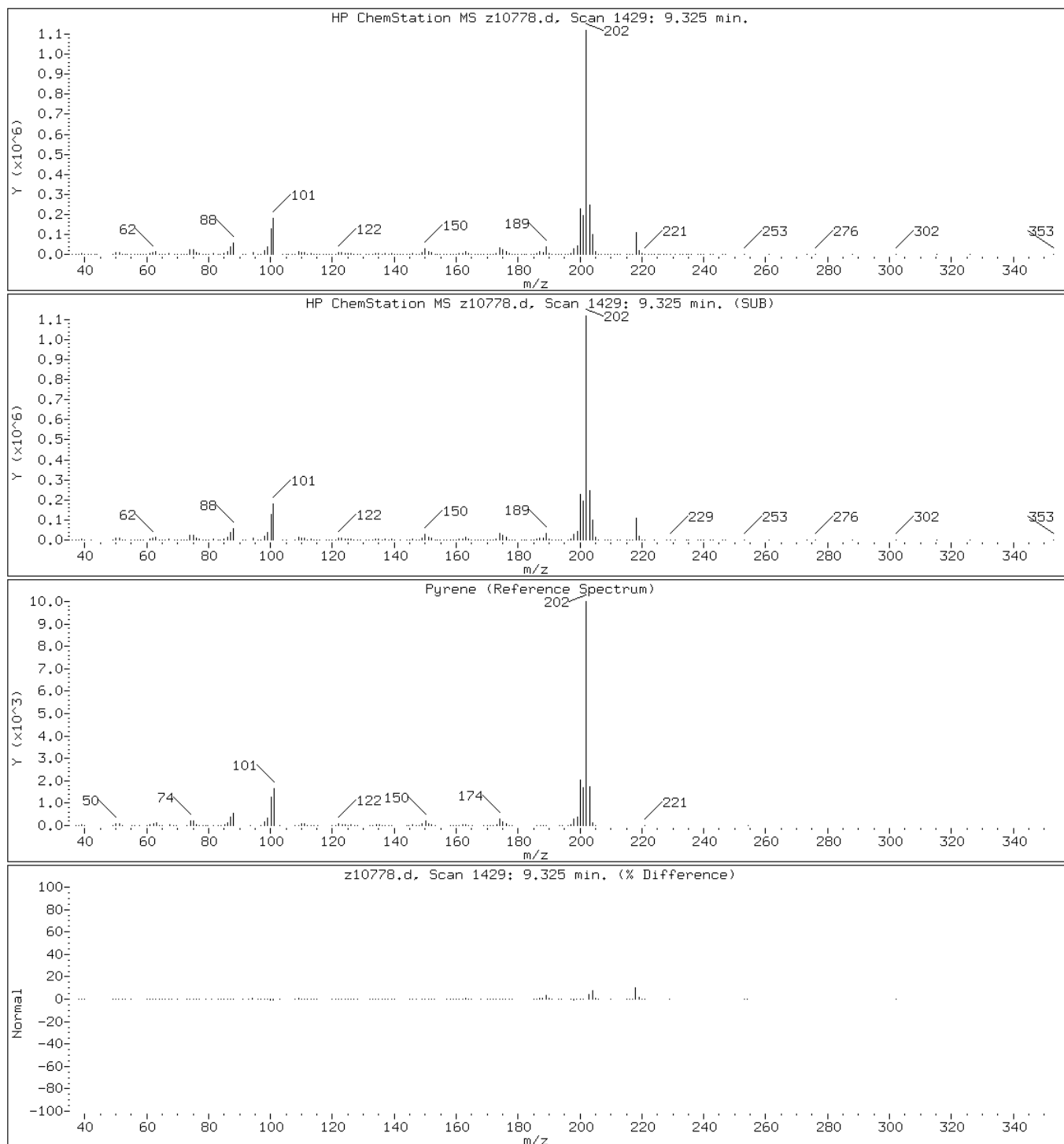
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

57 Pyrene



Data File: z10778.d

Date: 13-OCT-2011 17:17

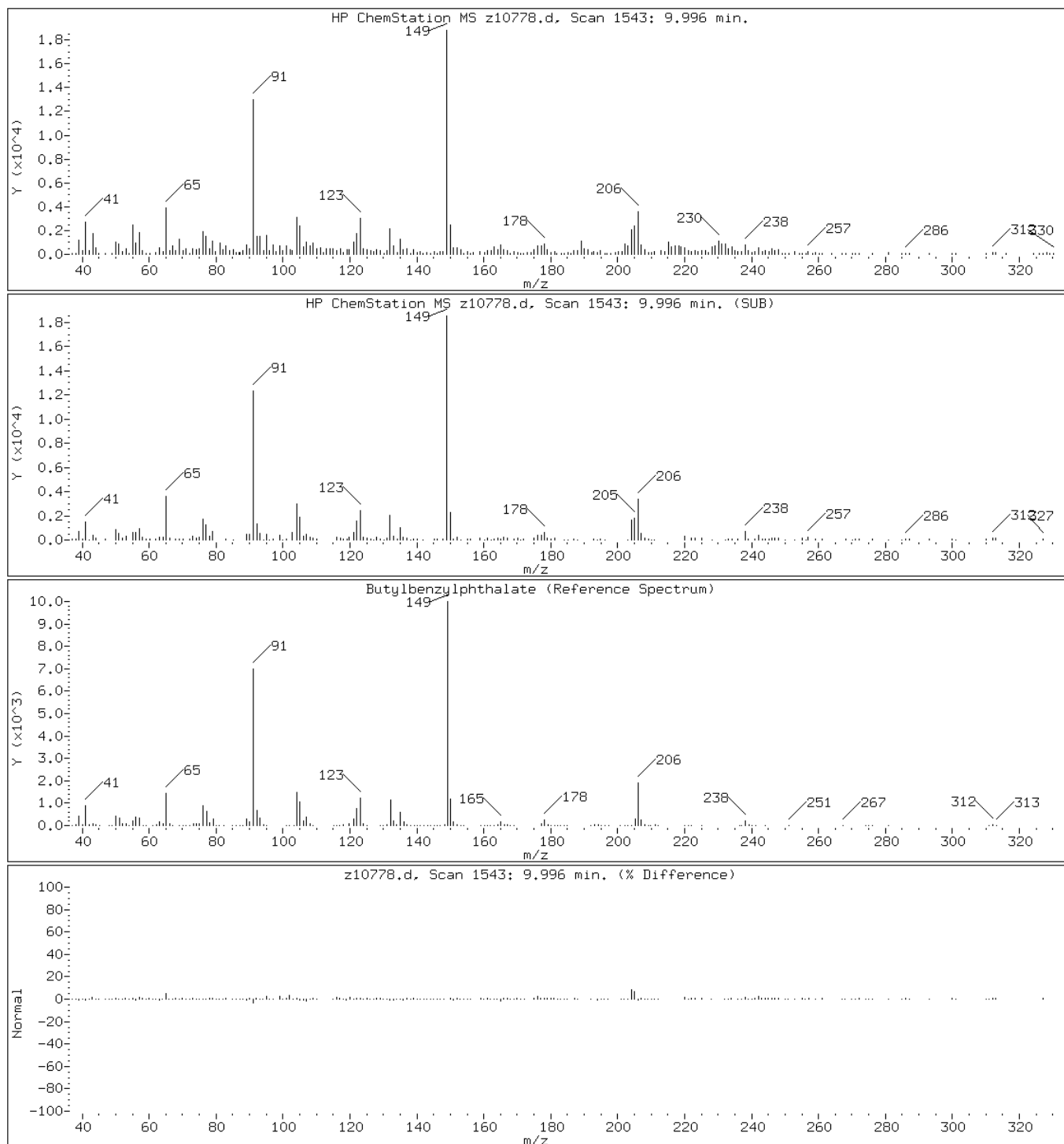
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

59 Butylbenzylphthalate



Data File: z10778.d

Date: 13-OCT-2011 17:17

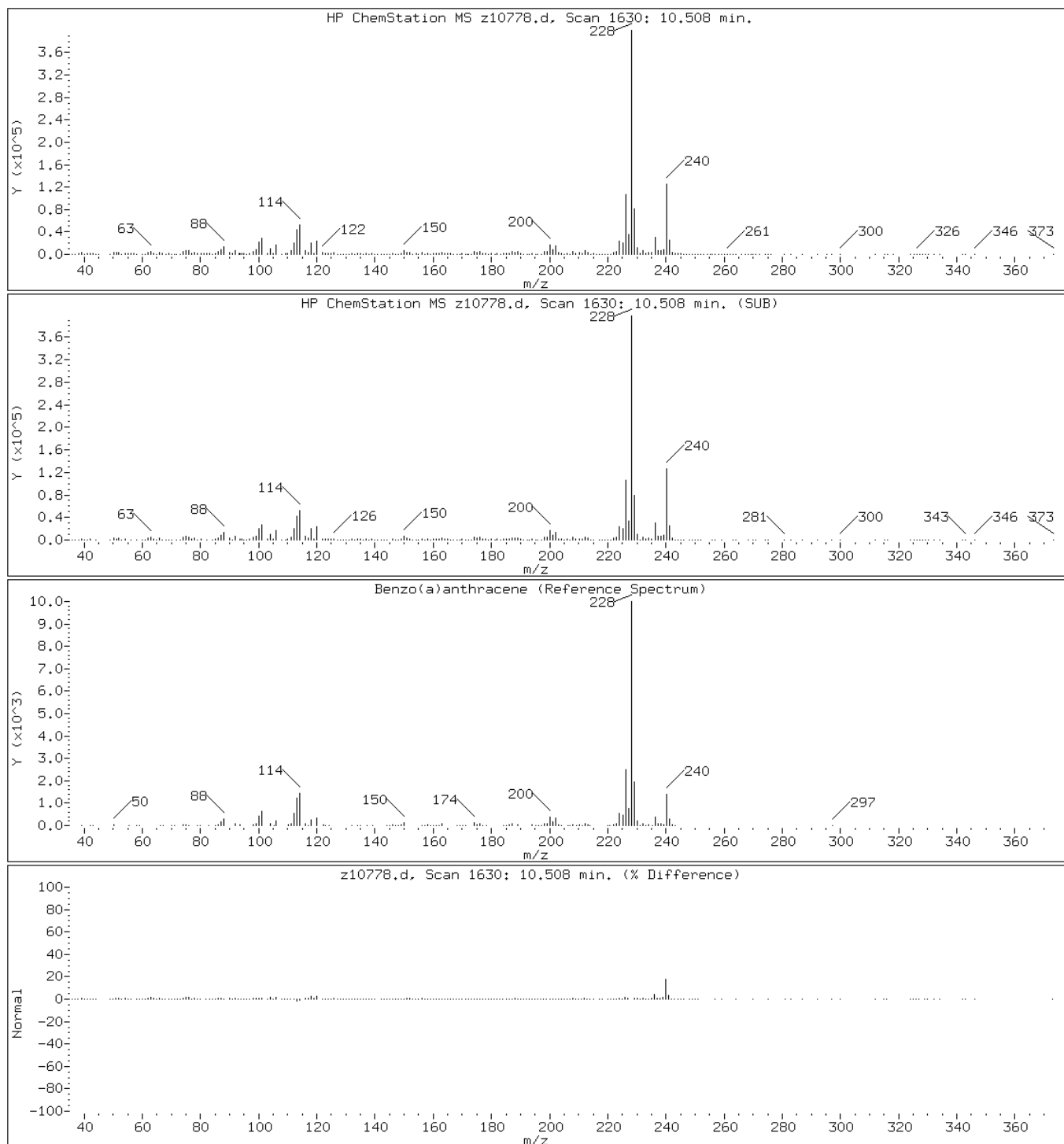
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10778.d

Date: 13-OCT-2011 17:17

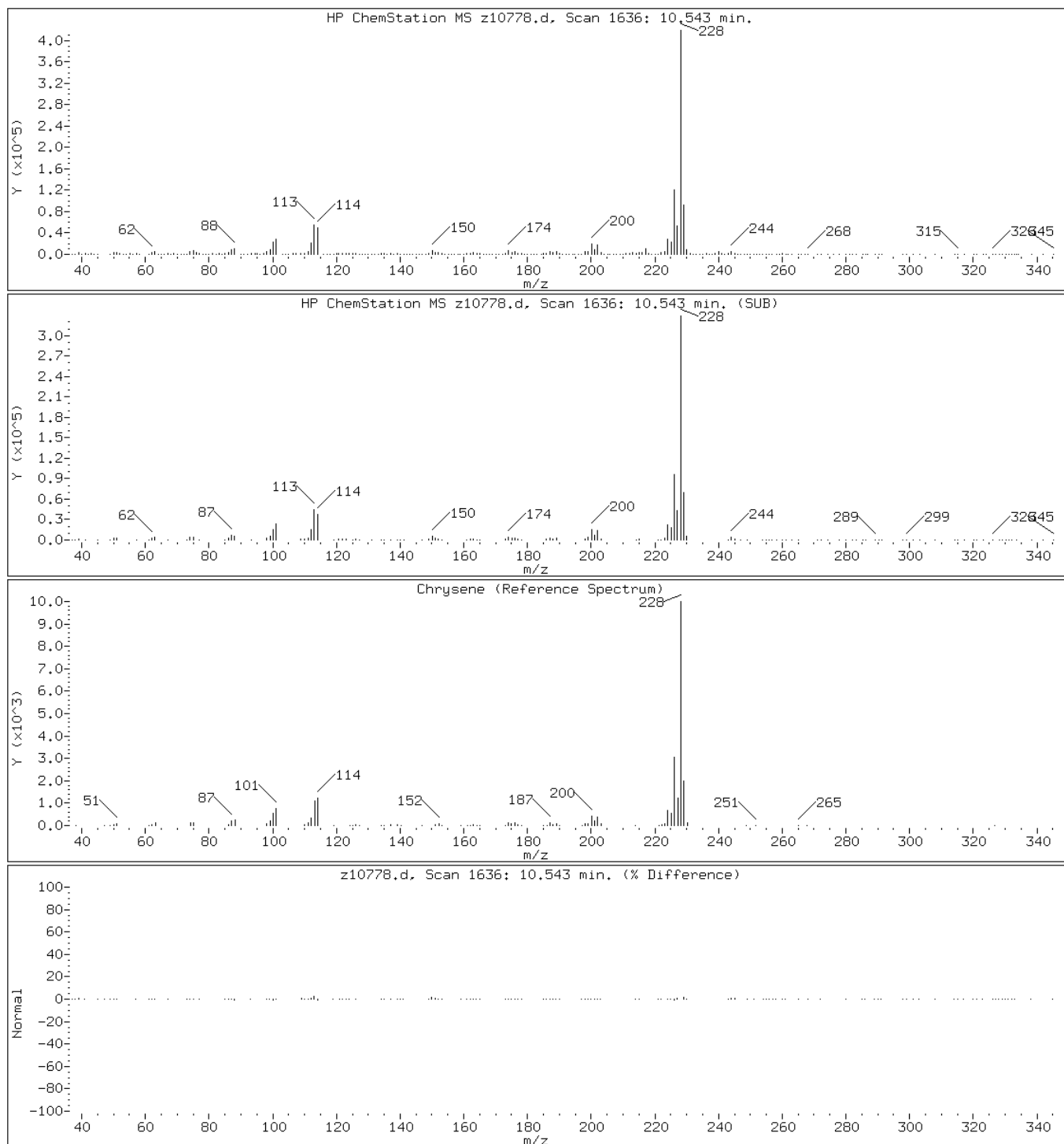
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

62 Chrysene



Data File: z10778.d

Date: 13-OCT-2011 17:17

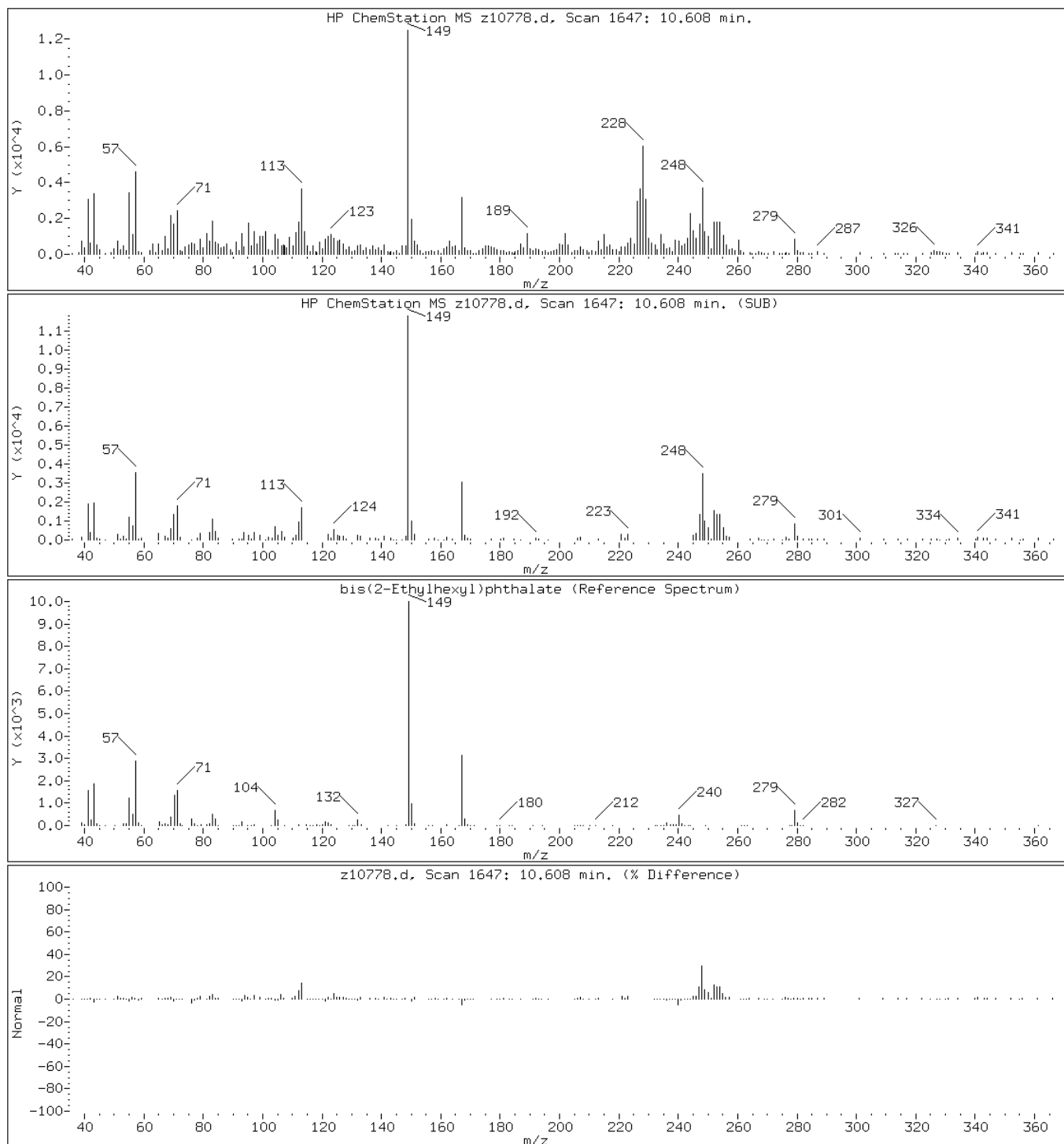
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z10778.d

Date: 13-OCT-2011 17:17

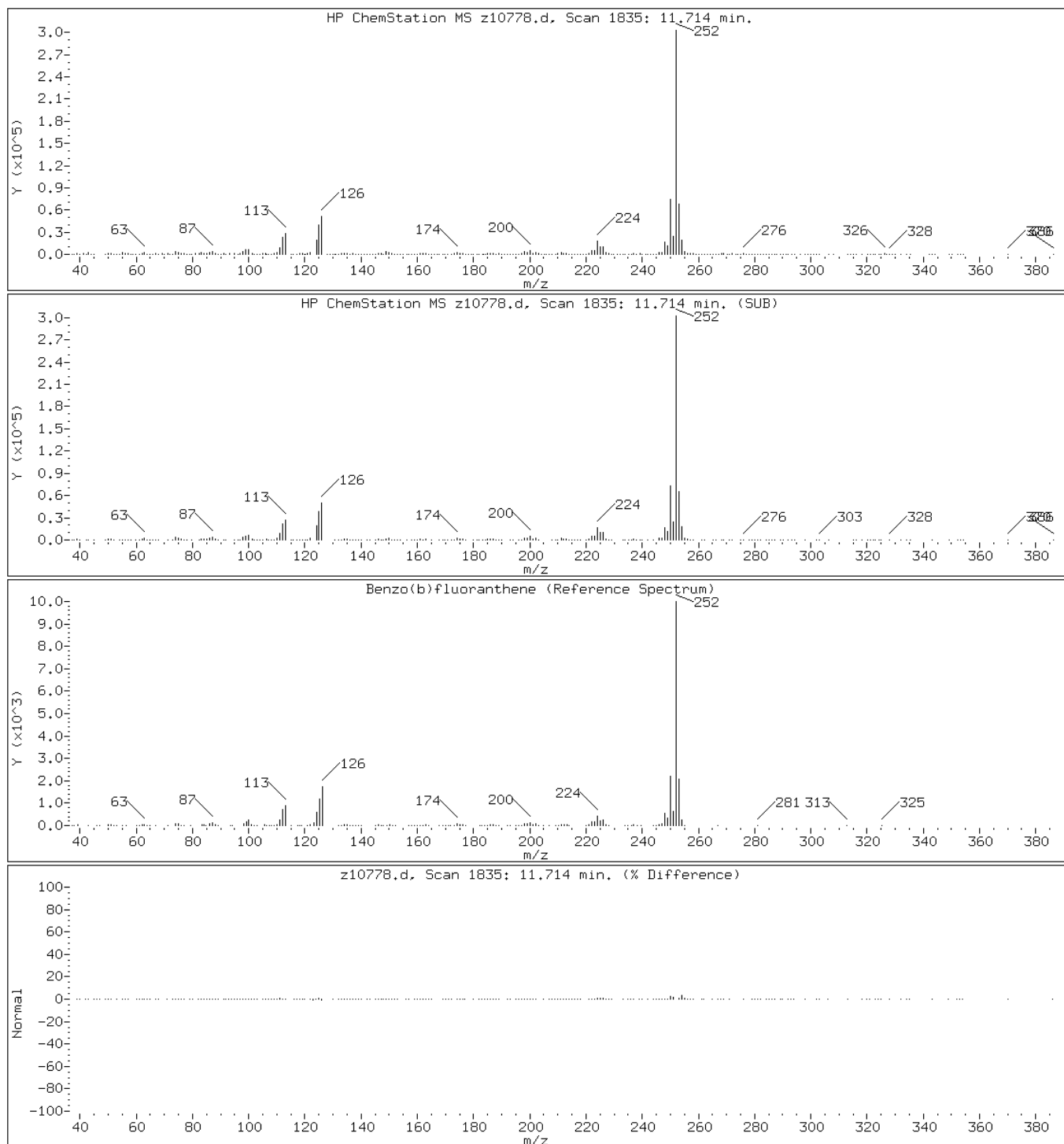
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10778.d

Date: 13-OCT-2011 17:17

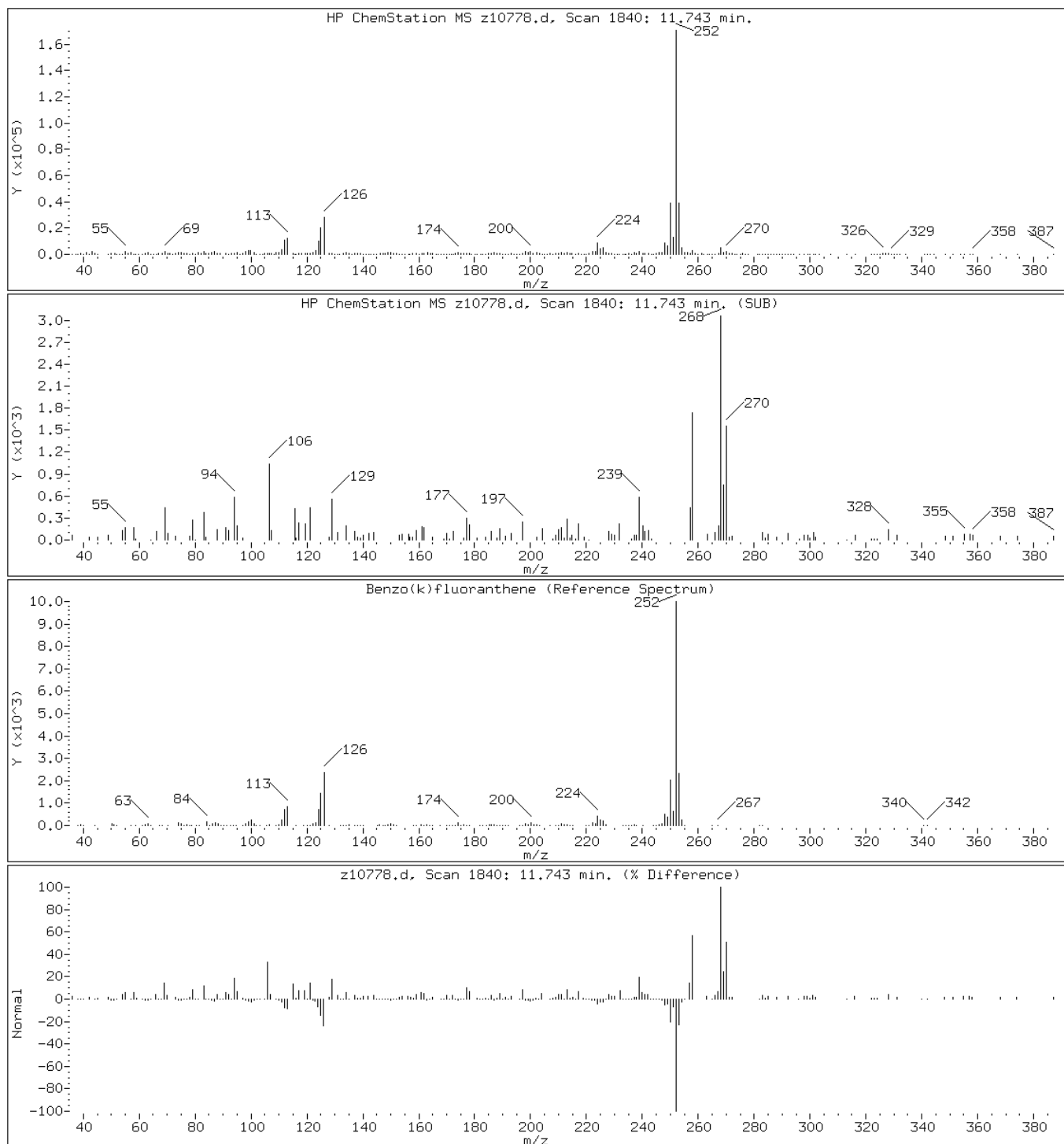
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10778.d

Date: 13-OCT-2011 17:17

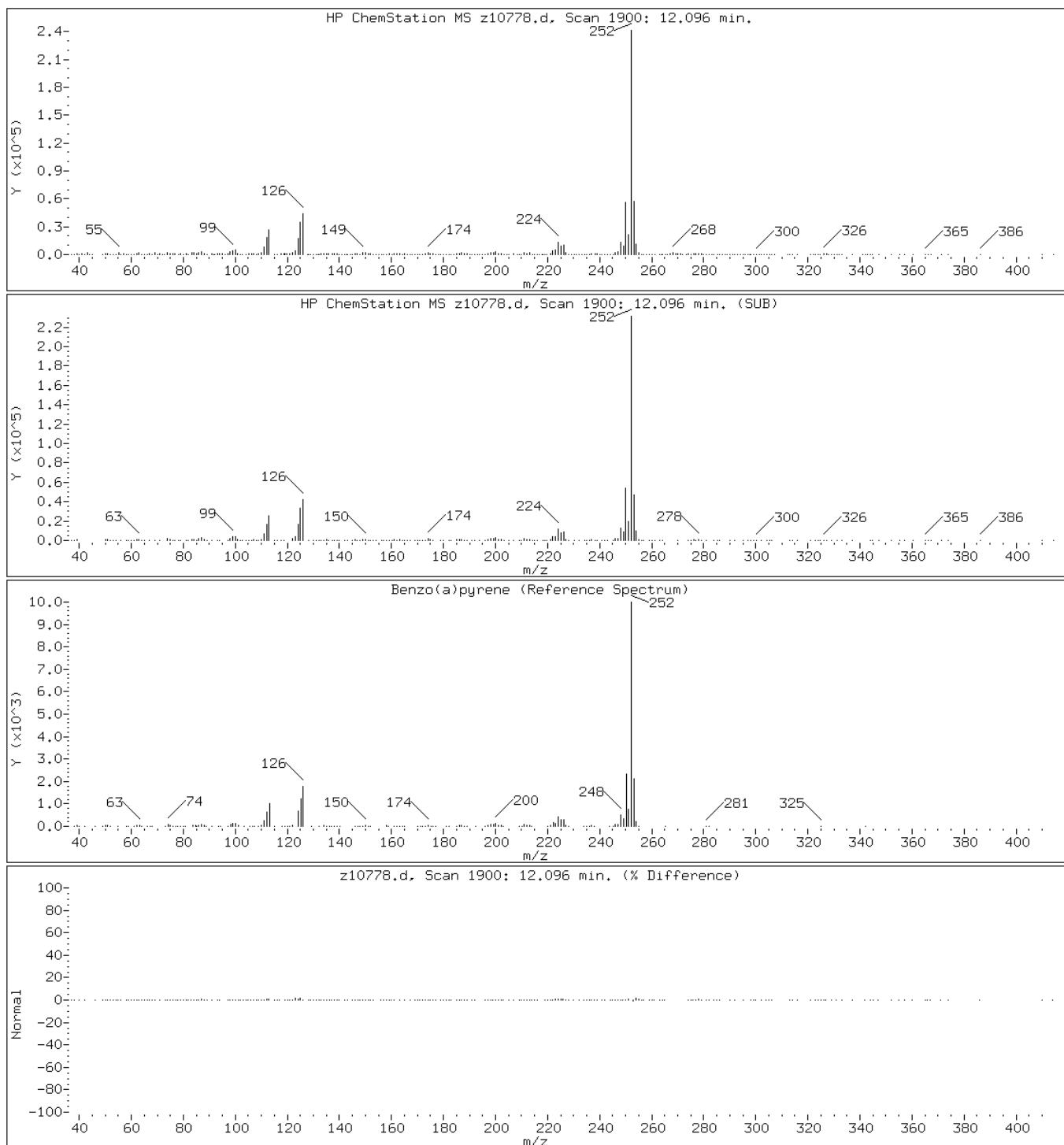
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10778.d

Date: 13-OCT-2011 17:17

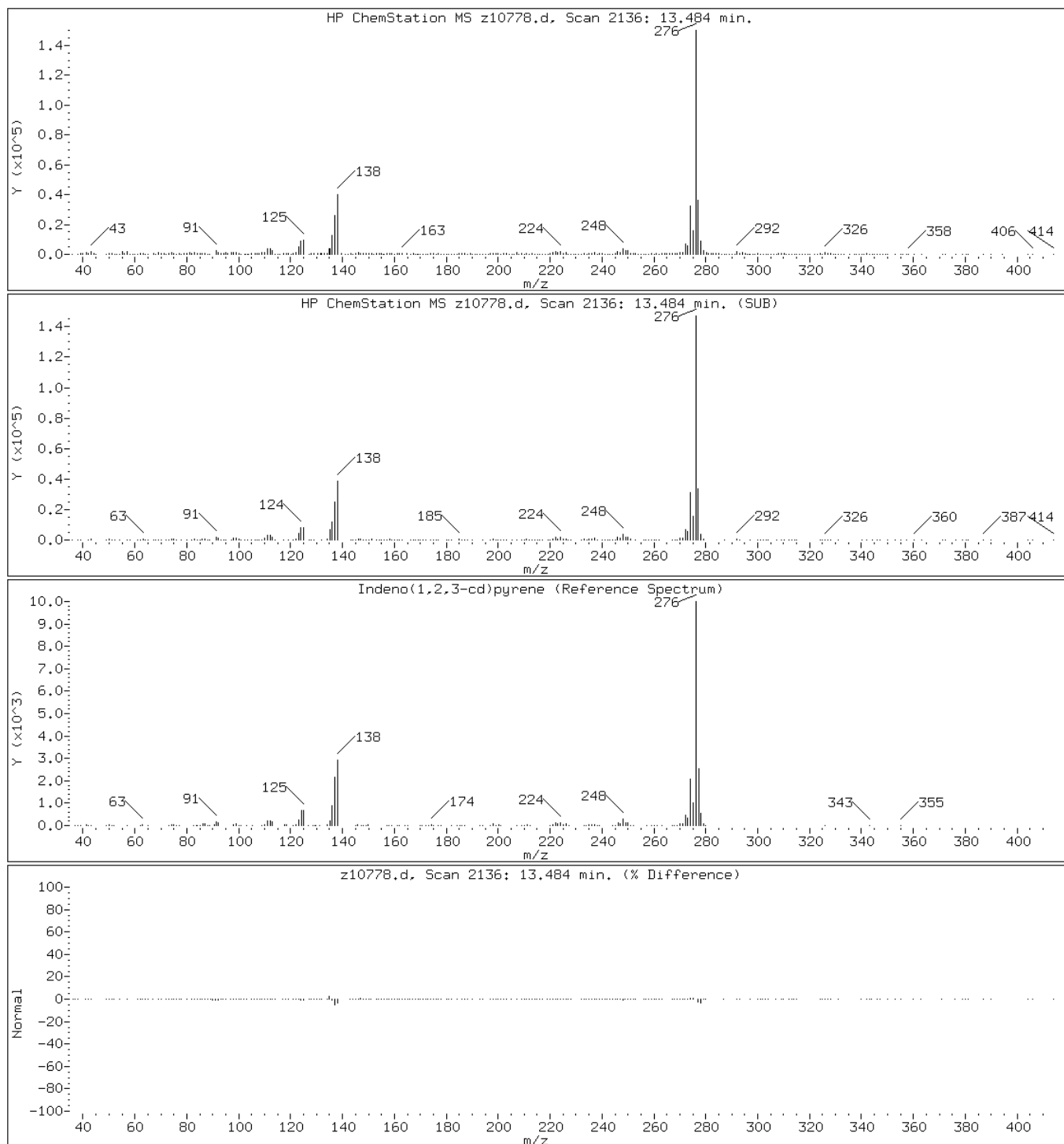
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10778.d

Date: 13-OCT-2011 17:17

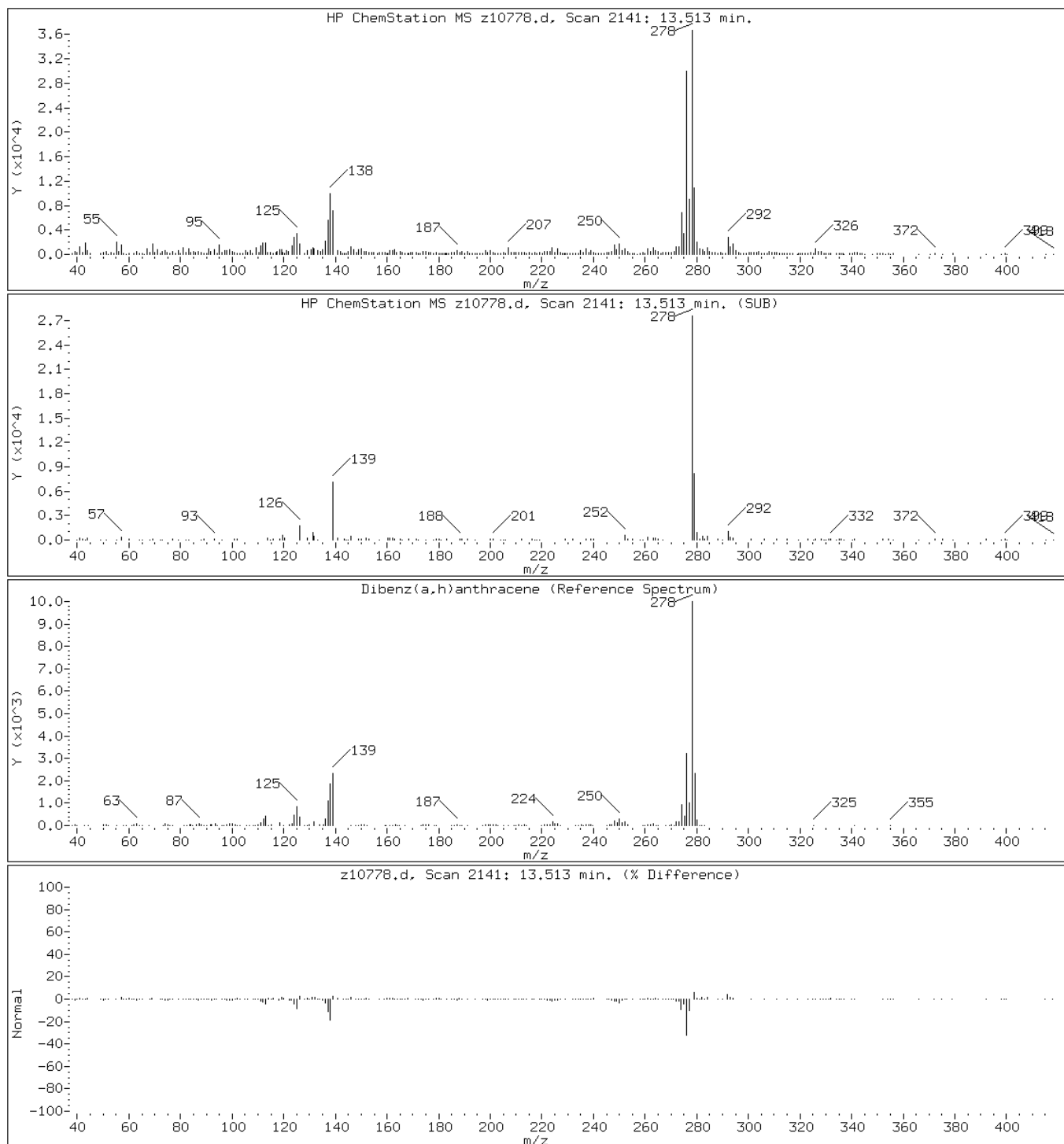
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z10778.d

Date: 13-OCT-2011 17:17

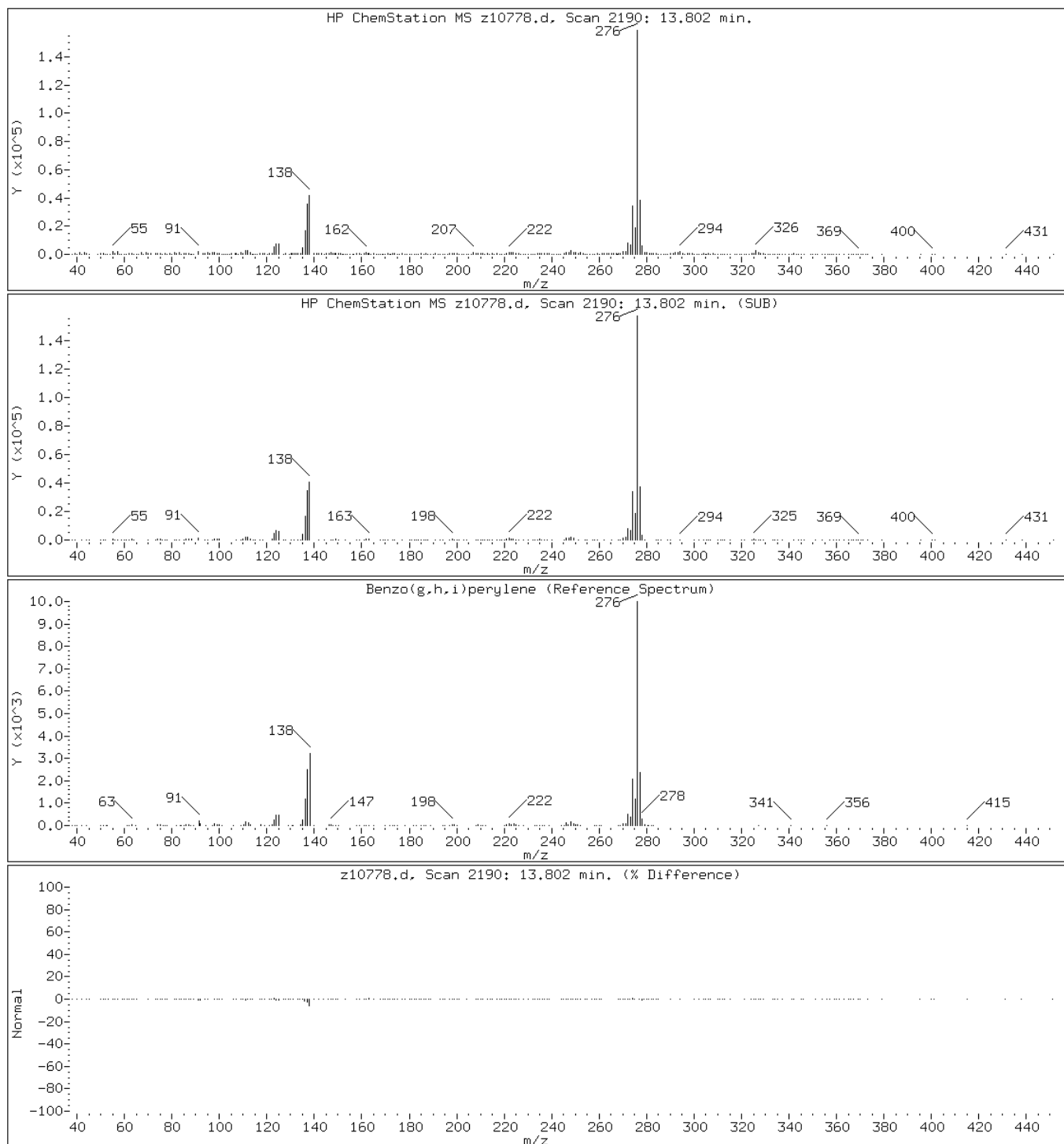
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

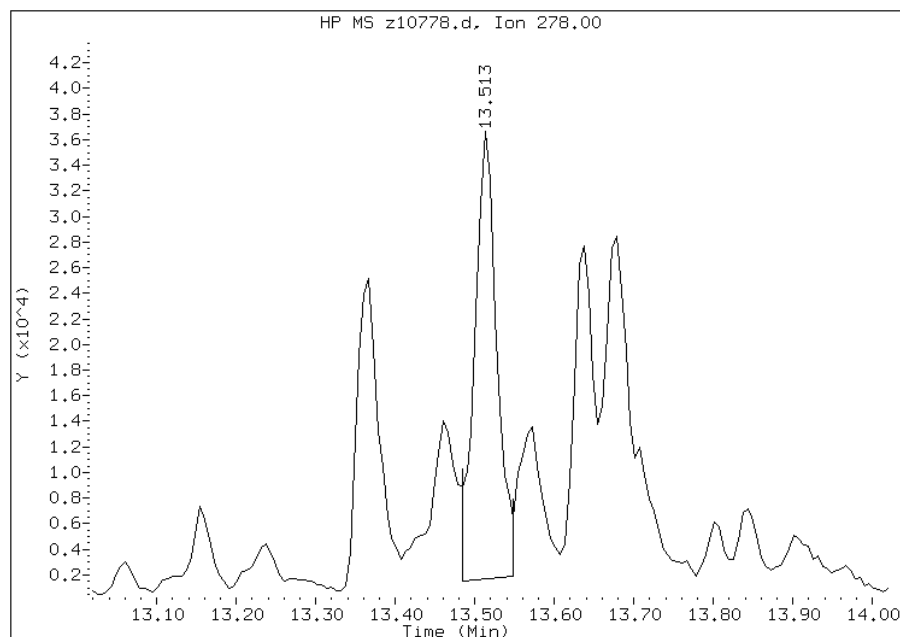


Manual Integration Report

Data File: z10778.d
Inj. Date and Time: 13-OCT-2011 17:17
Instrument ID: BNAMS11.i
Client ID: S0-17338-100511-MM-
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 10/15/2011

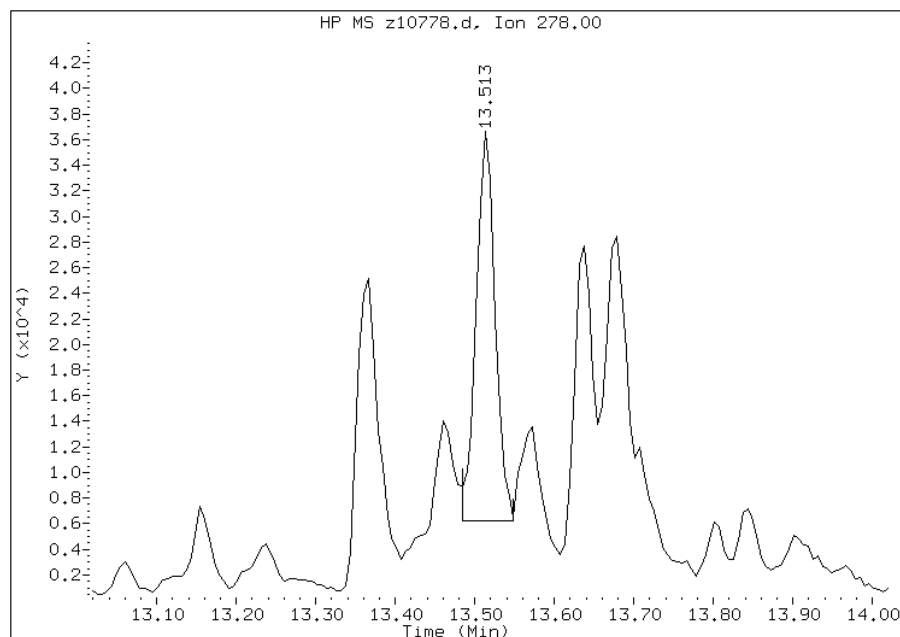
Processing Integration Results

RT: 13.51
Response: 69176
Amount: 7
Conc: 3570



Manual Integration Results

RT: 13.51
Response: 50021
Amount: 5
Conc: 2582



Manually Integrated By: rusin
Manual Integration Reason: Baseline Event

Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

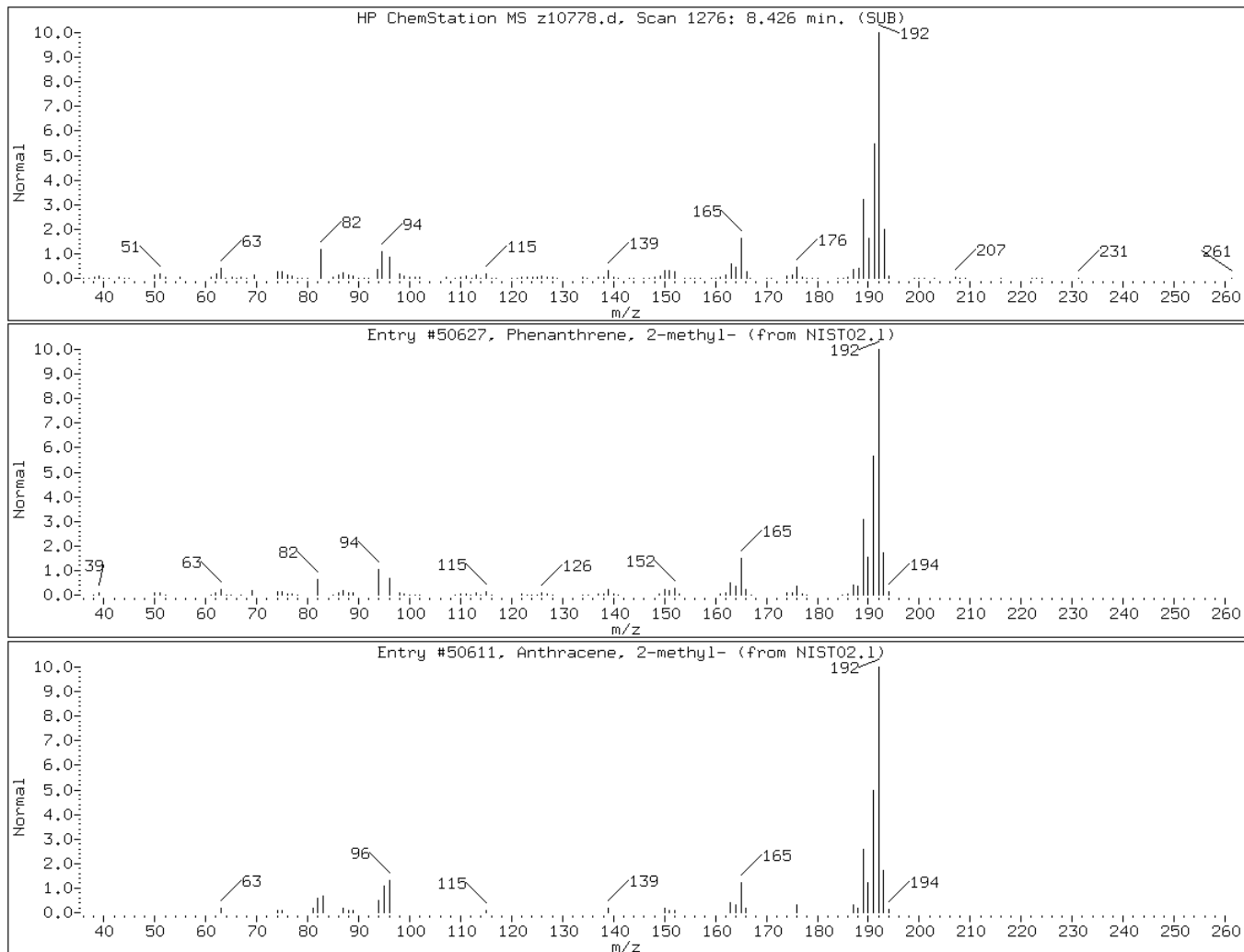
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.1	50627	98	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.1	50611	95	C15H12	192



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

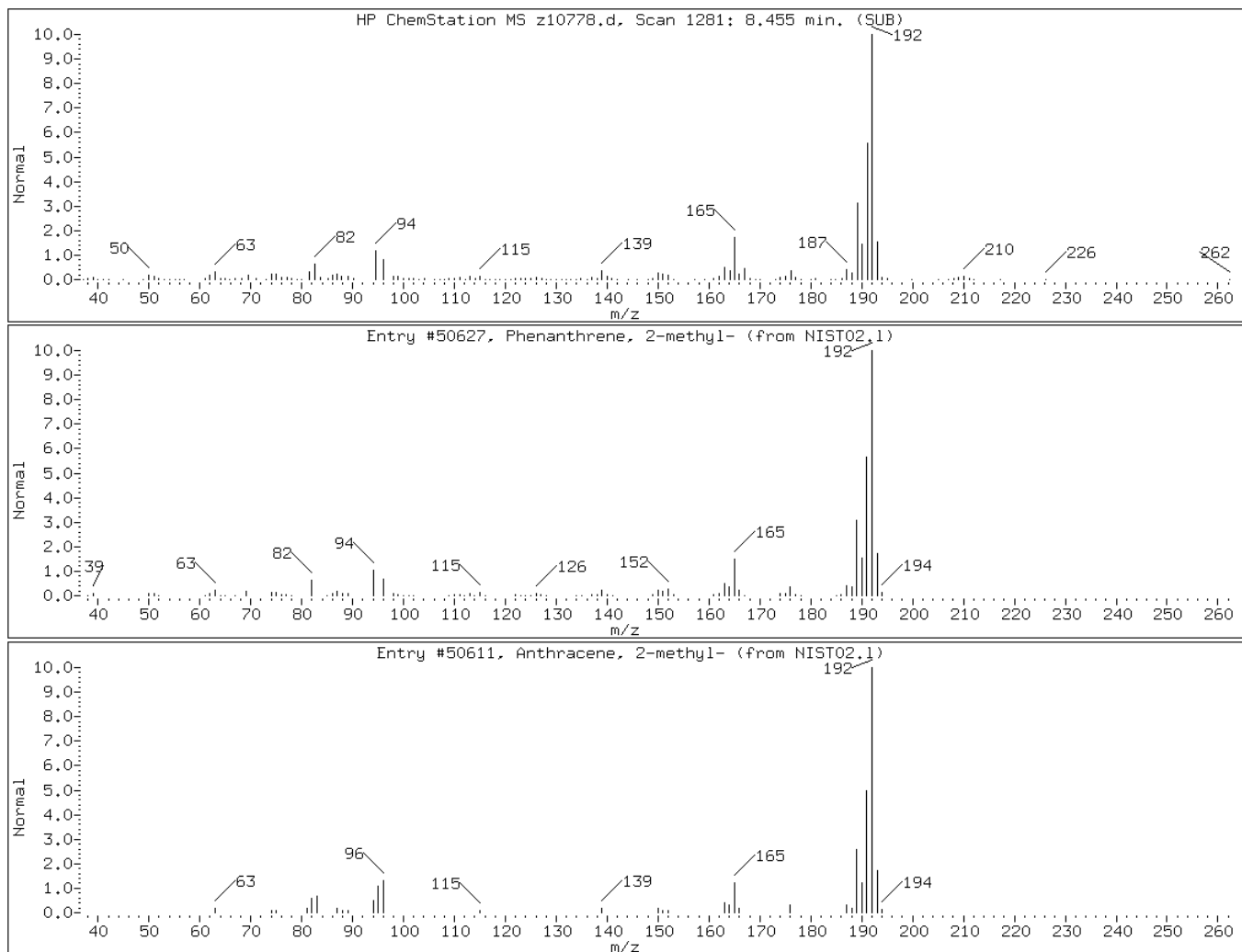
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 8.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.1	50627	98	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.1	50611	95	C15H12	192



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

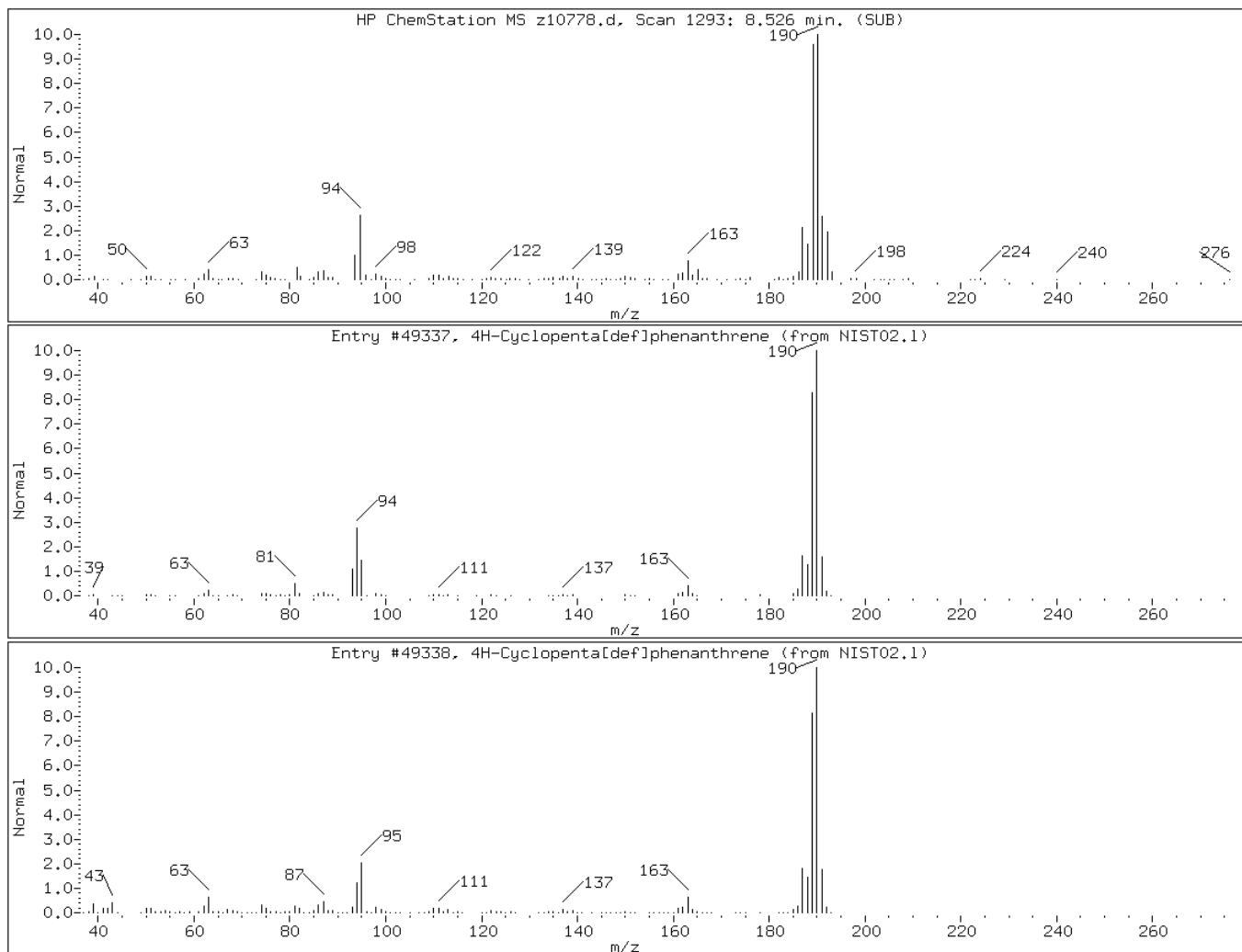
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH-1						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49337	94	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.1	49338	93	C15H10	190



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

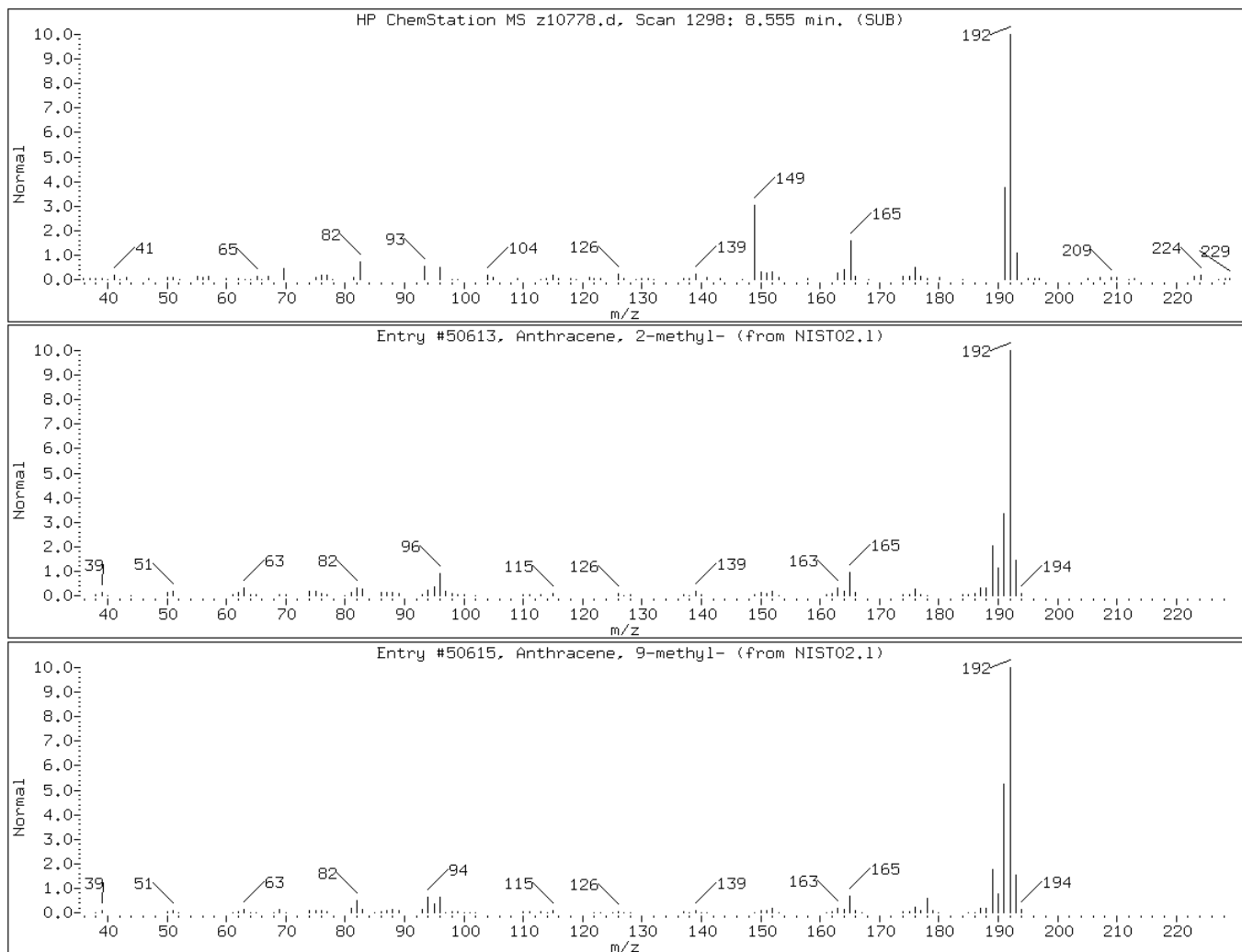
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-3						
Anthracene, 2-methyl-	613-12-7	NIST02.1	50613	83	C15H12	192
Anthracene, 9-methyl-	779-02-2	NIST02.1	50615	72	C15H12	192



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

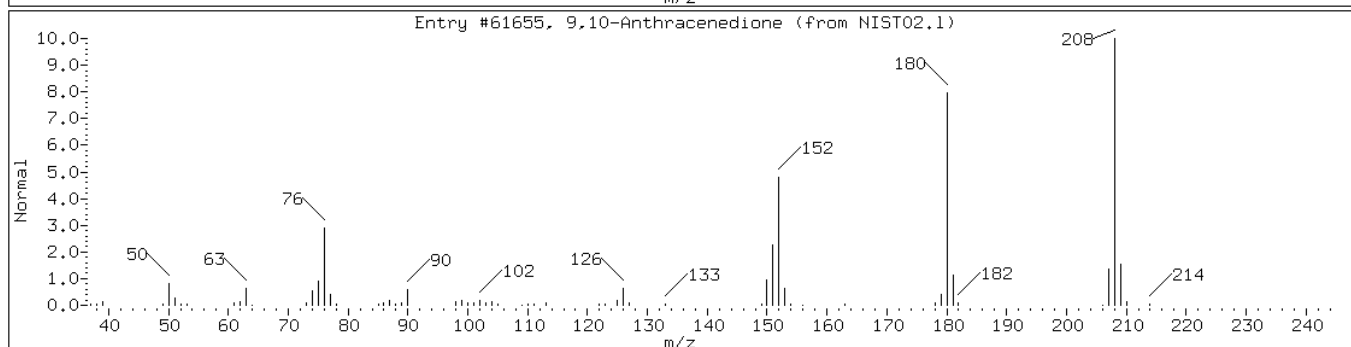
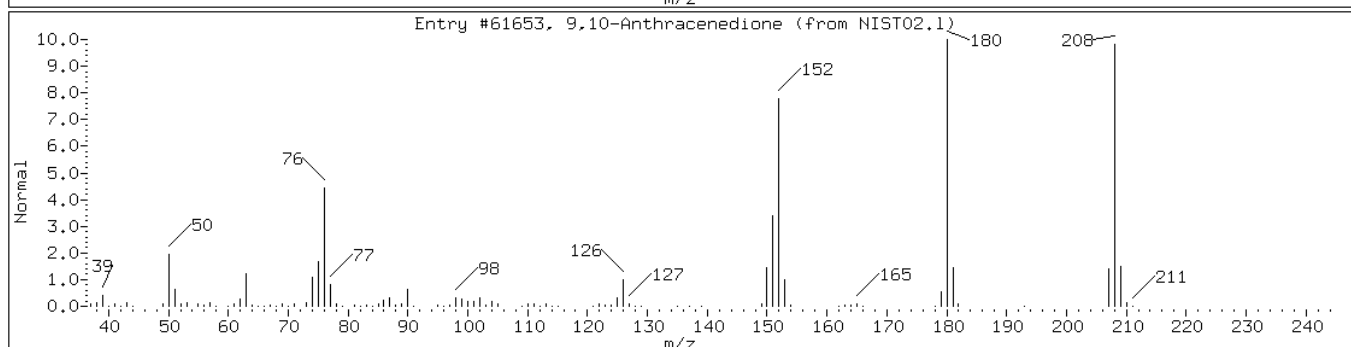
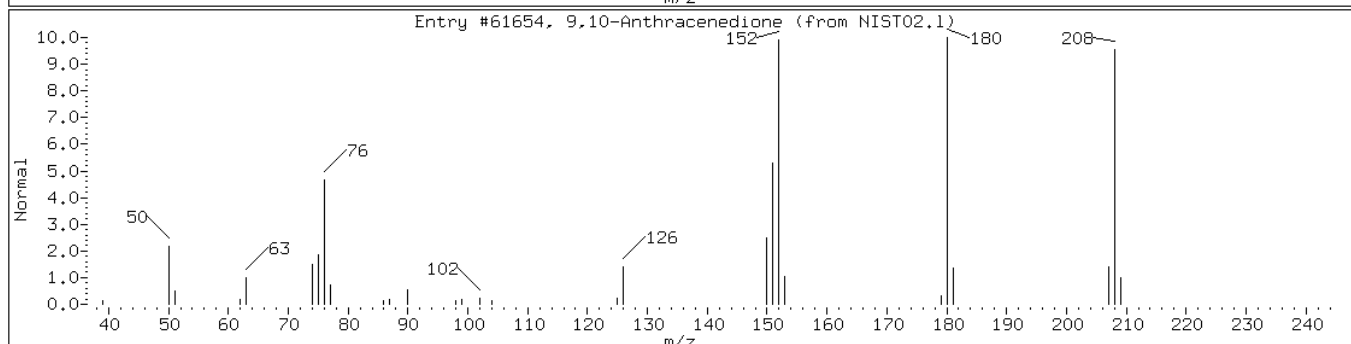
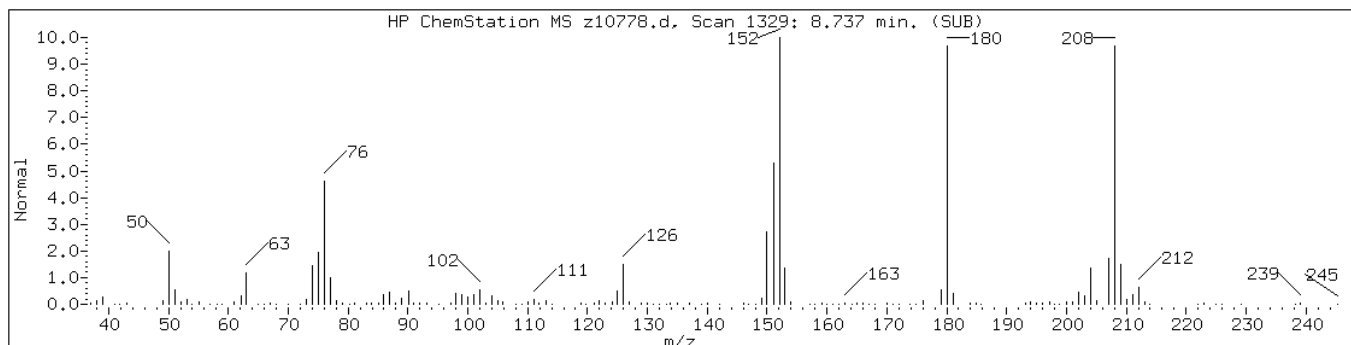
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST02.1	61654	96	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61653	93	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61655	91	C14H8O2	208



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

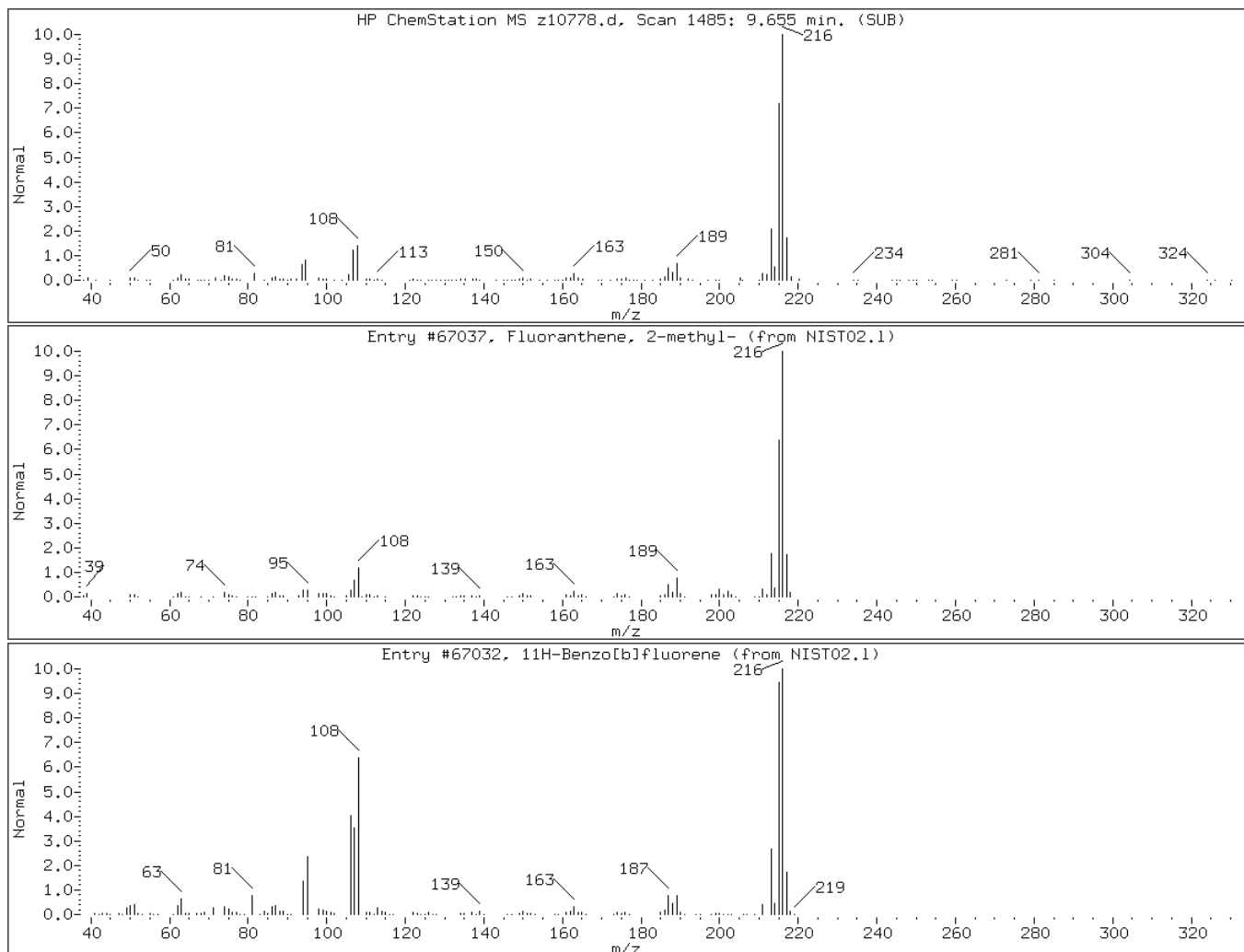
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-1						
Fluoranthene, 2-methyl-	33543-31-6	NIST02.1	67037	95	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.1	67032	93	C17H12	216



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

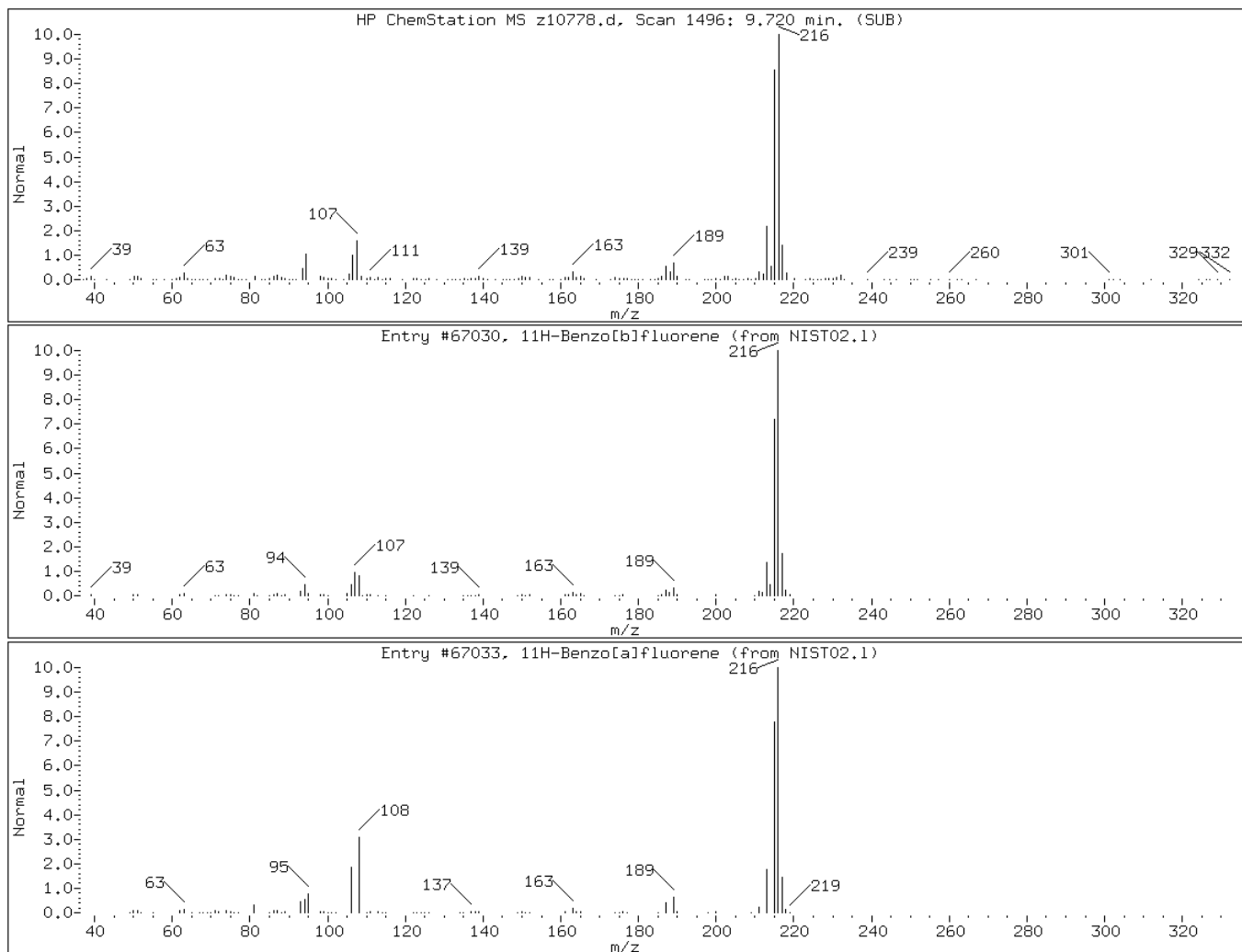
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 9.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH-1						
11H-Benzo[b]fluorene	243-17-4	NIST02.1	67030	95	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST02.1	67033	91	C17H12	216



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

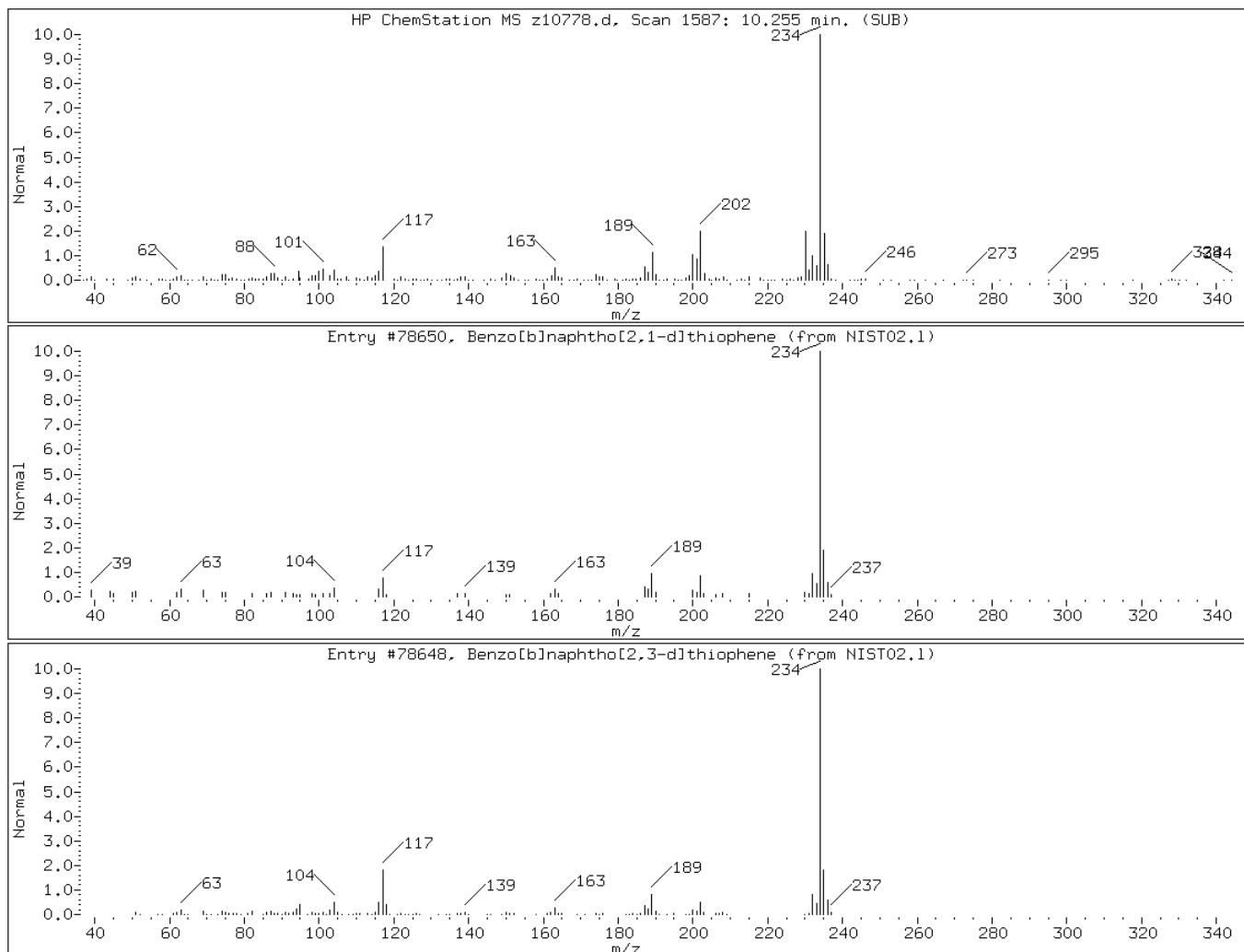
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo(b)naphthothiophene isomer						
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST02.1	78650	94	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST02.1	78648	89	C16H10S	234



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

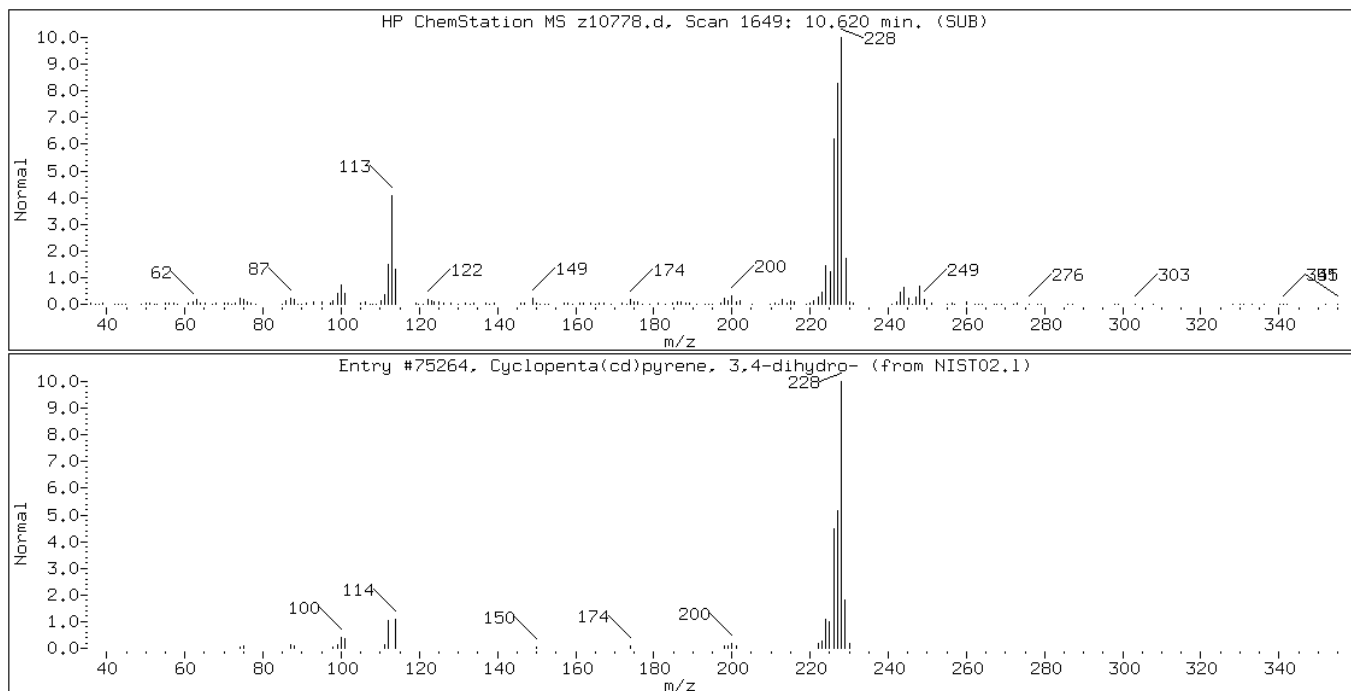
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 10.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
C18H12 PAH-1						
Cyclopenta(cd)pyrene, 3,4-dihydro-	25732-74-5	NIST02.1	75264	64	C18H12	228



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

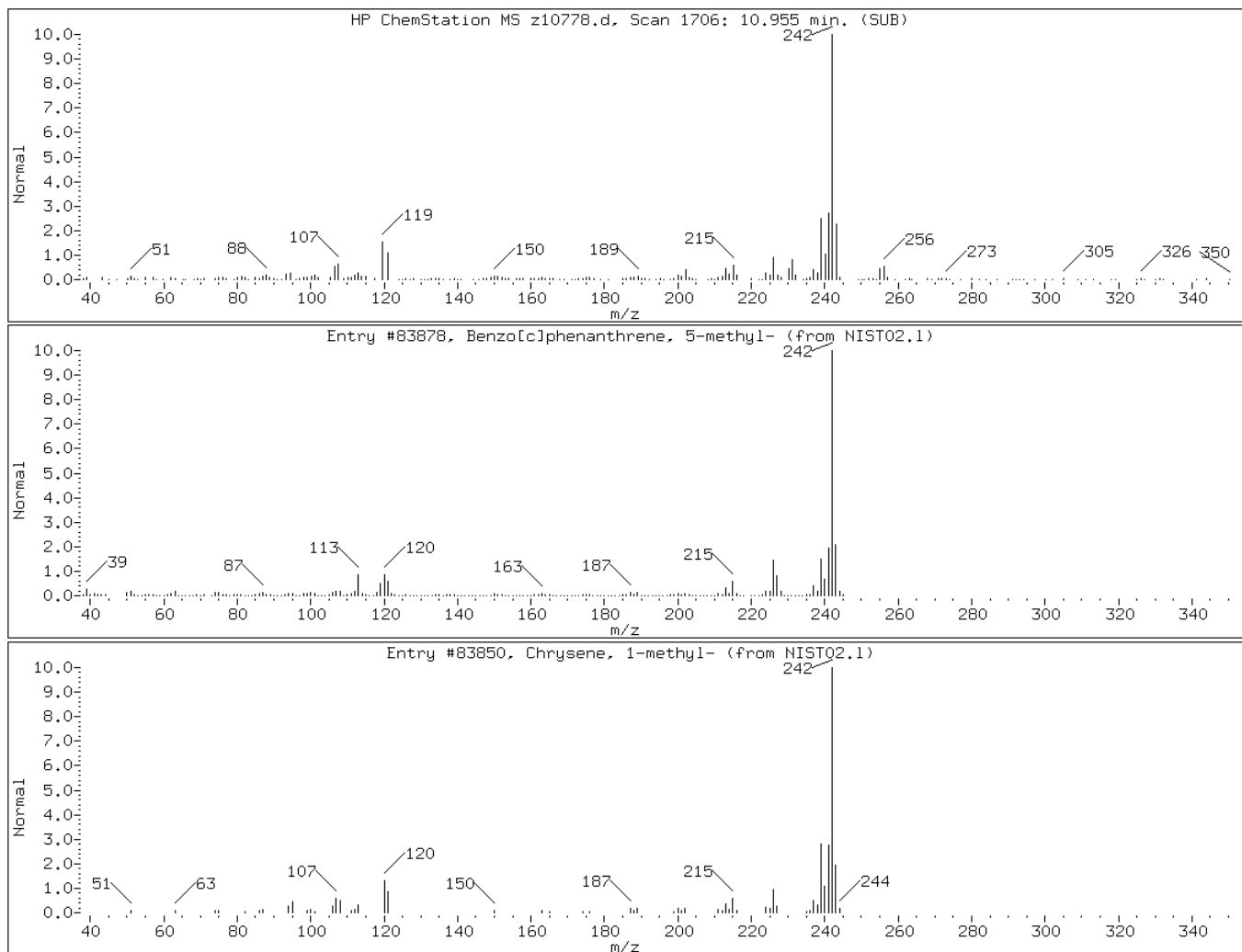
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 10.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C19H14 PAH						
Benzo[c]phenanthrene, 5-methyl-	652-04-0	NIST02.1	83878	93	C19H14	242
Chrysene, 1-methyl-	3351-28-8	NIST02.1	83850	93	C19H14	242



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

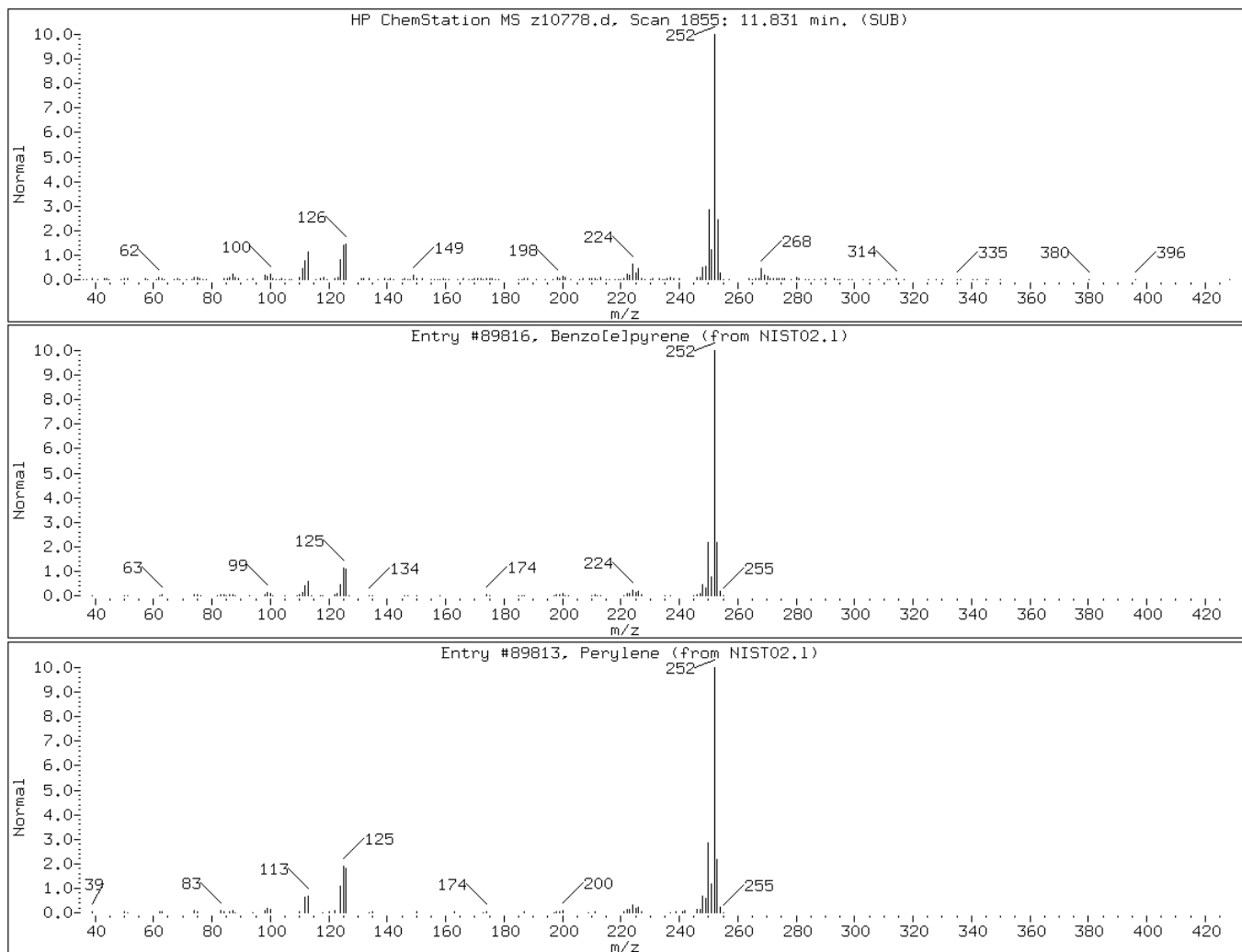
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 11.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-1						
Benzo[e]pyrene	192-97-2	NIST02.1	89816	97	C20H12	252
Perylene	198-55-0	NIST02.1	89813	95	C20H12	252



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

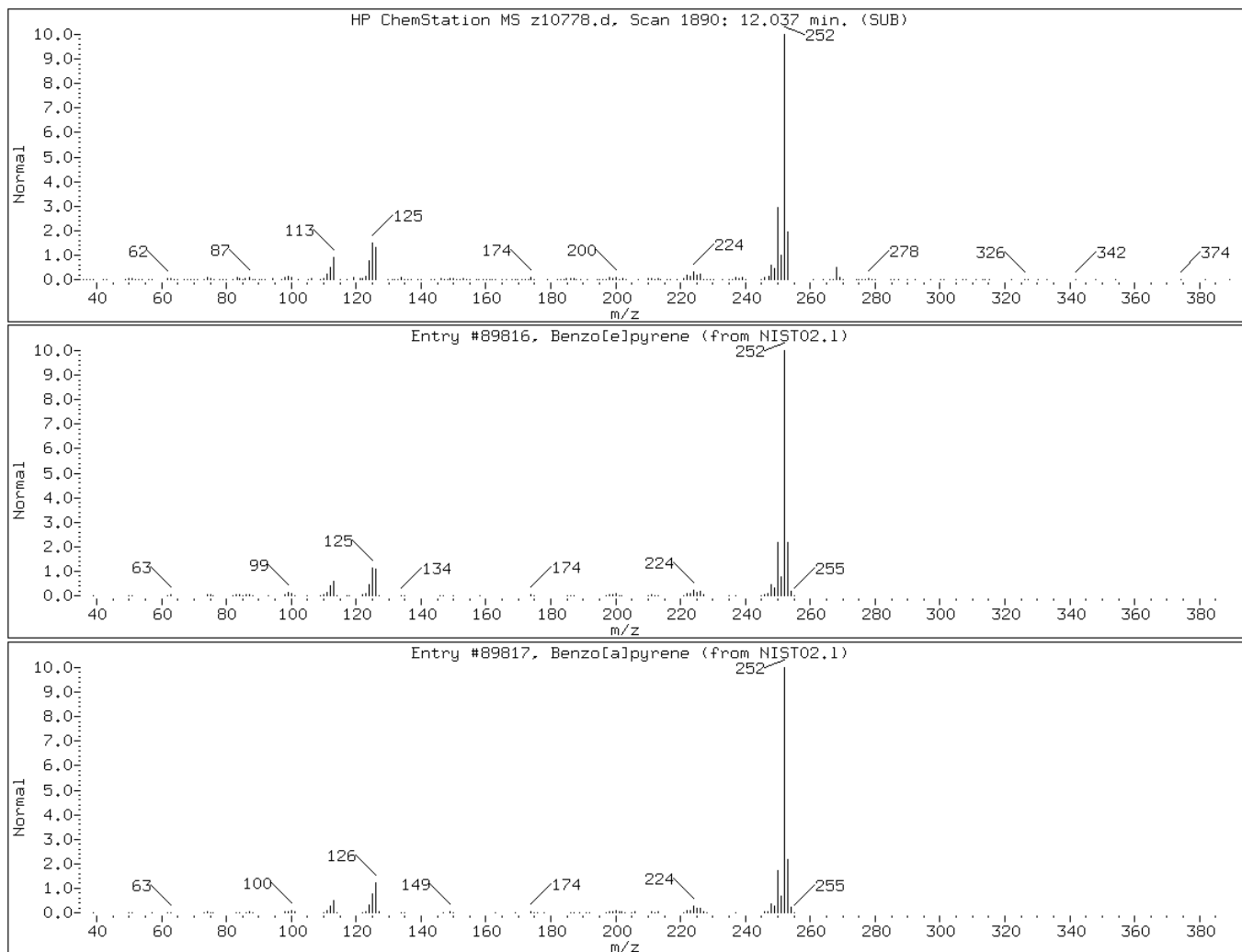
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 12.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-2						
Benzo[e]pyrene	192-97-2	NIST02.1	89816	98	C20H12	252
Benzo[a]pyrene	50-32-8	NIST02.1	89817	95	C20H12	252



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

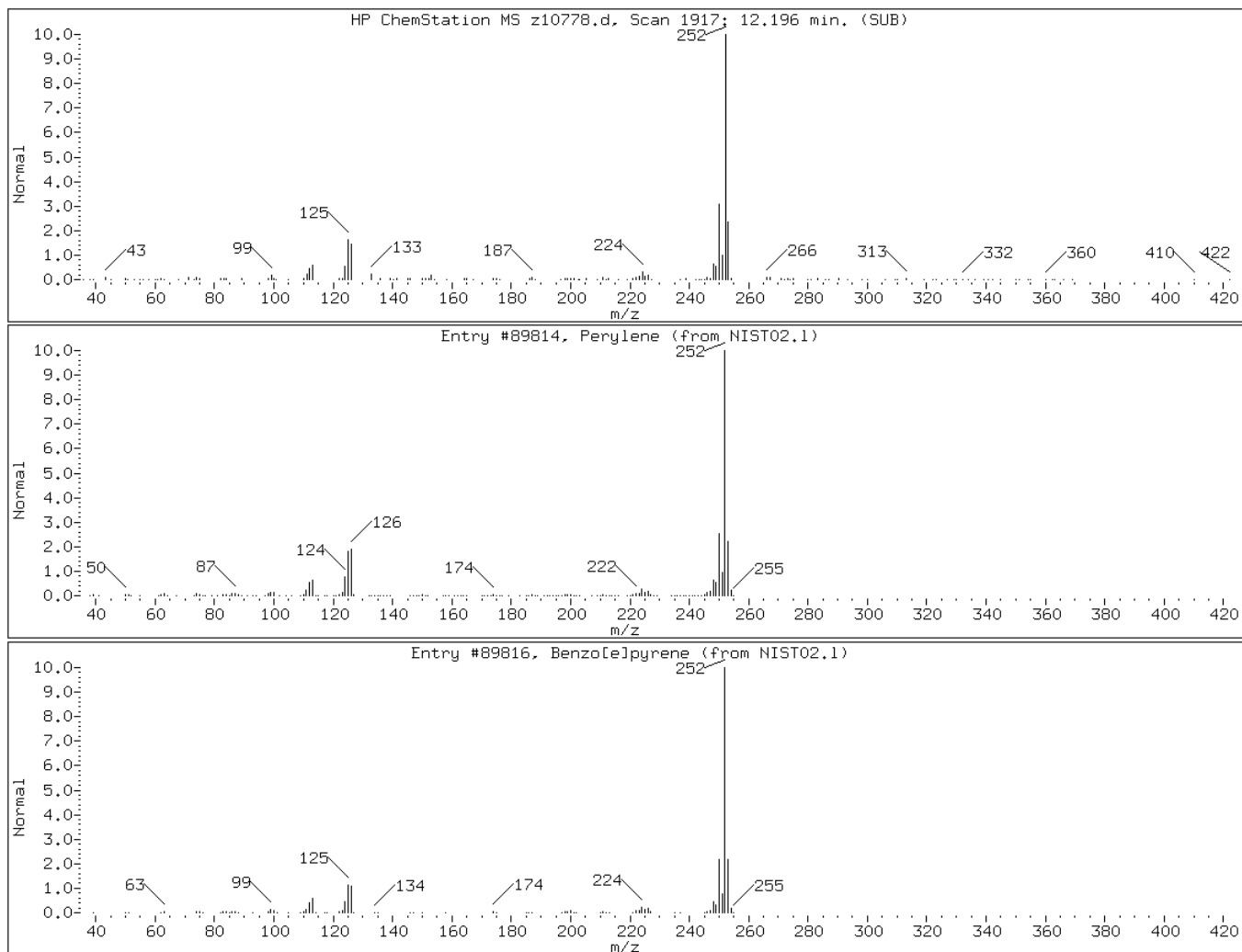
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 12.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-3						
Perylene	198-55-0	NIST02.1	89814	96	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.1	89816	96	C20H12	252



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

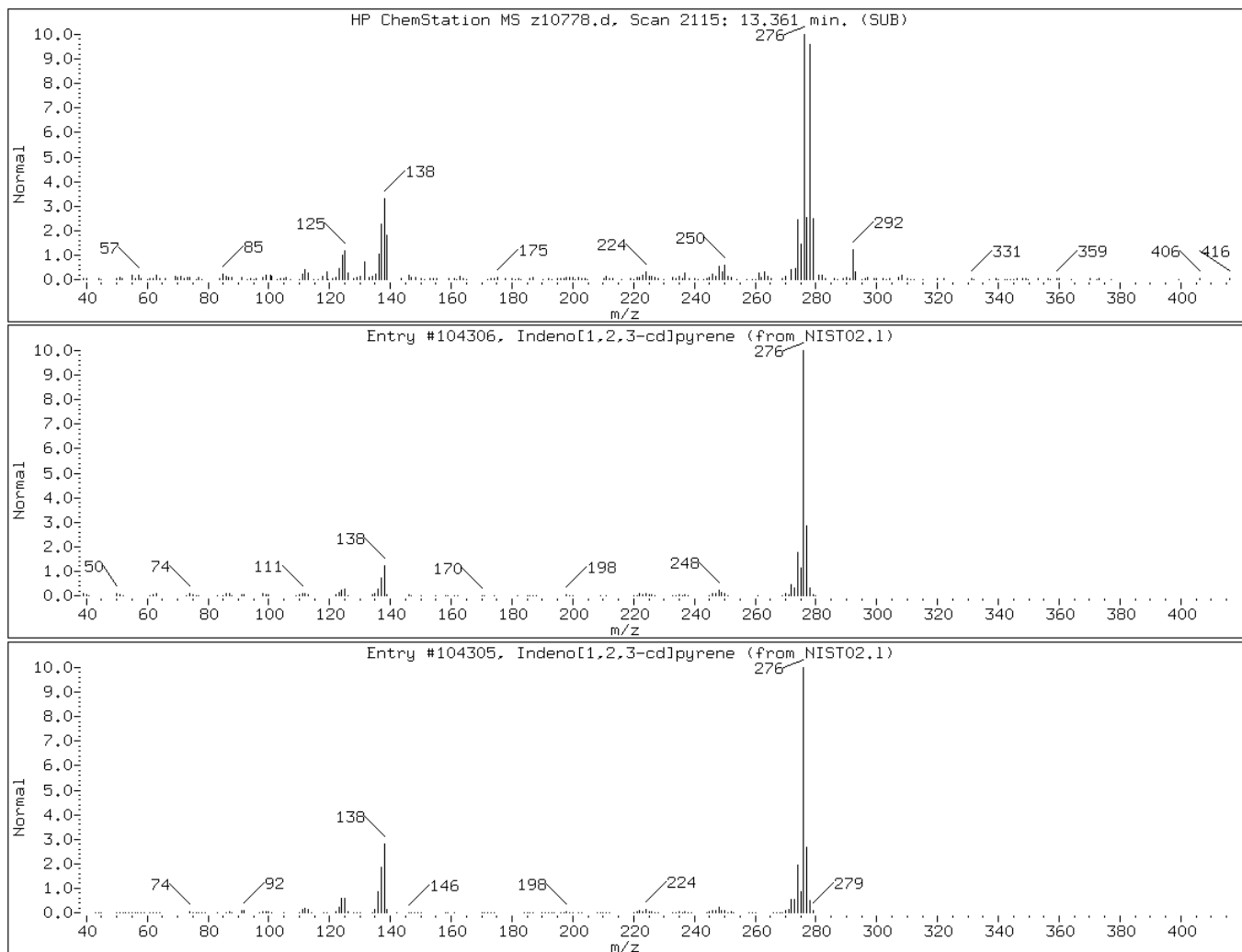
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 13.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C22H12 PAH-1						
Indeno[1,2,3-cd]pyrene	193-39-5	NIST02.1	104306	91	C22H12	276
Indeno[1,2,3-cd]pyrene	193-39-5	NIST02.1	104305	90	C22H12	276



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

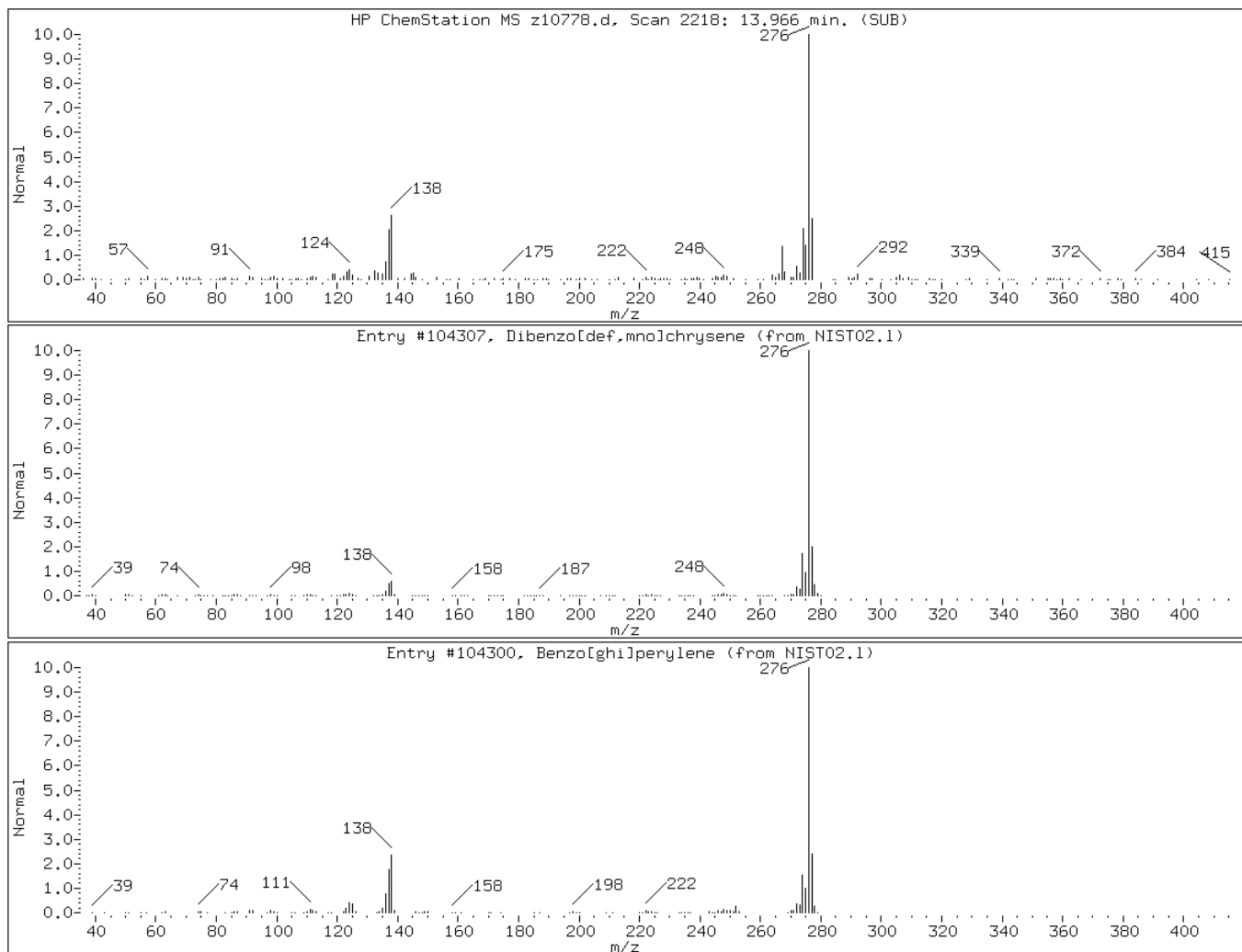
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 13.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C22H12 PAH-1						
Dibenzo[def,mno]chrysene	191-26-4	NIST02.1	104307	97	C22H12	276
Benzo[ghi]perylene	191-24-2	NIST02.1	104300	95	C22H12	276



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

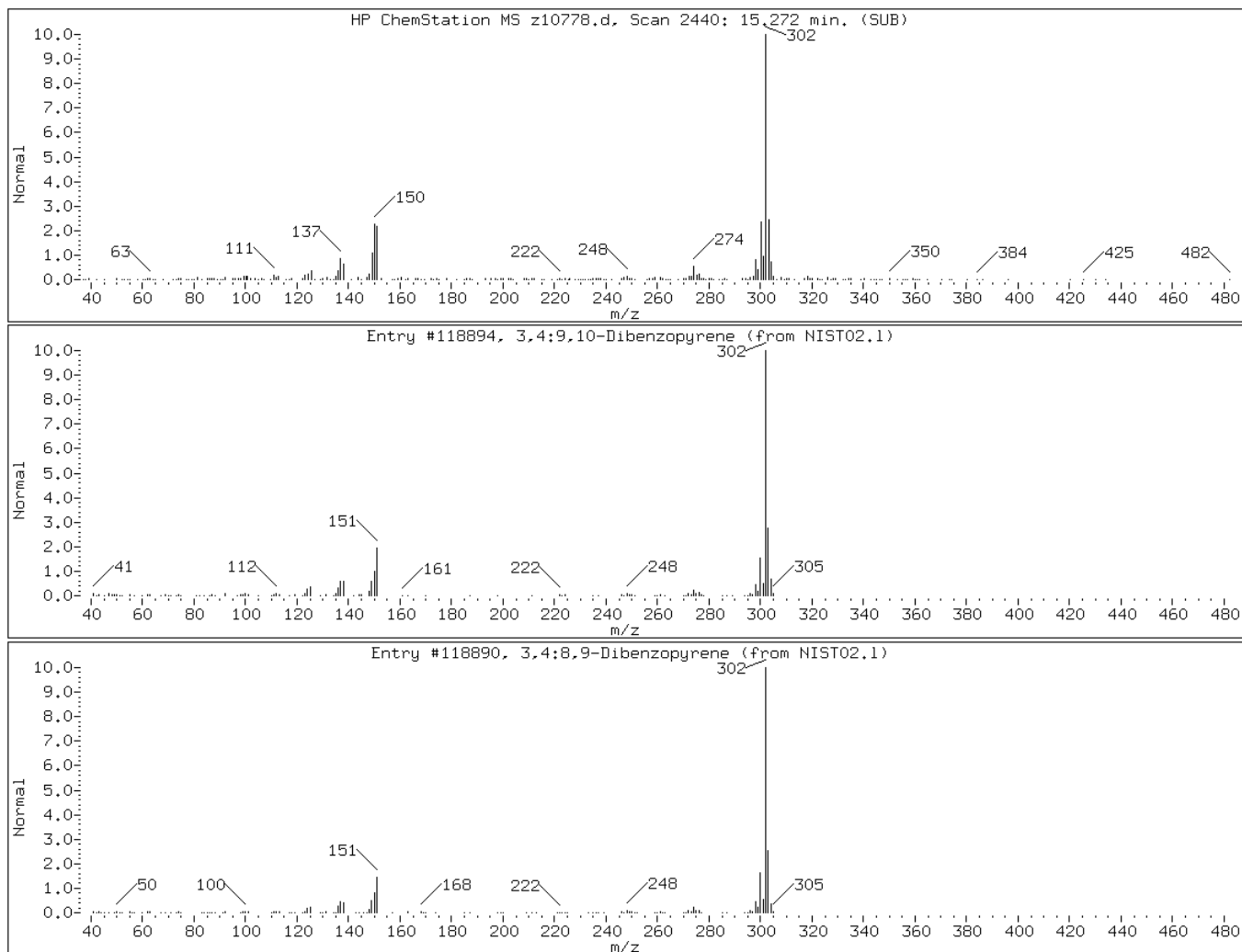
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAH-1						
3,4:9,10-Dibenzopyrene	189-55-9	NIST02.1	118894	96	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118890	96	C24H14	302



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

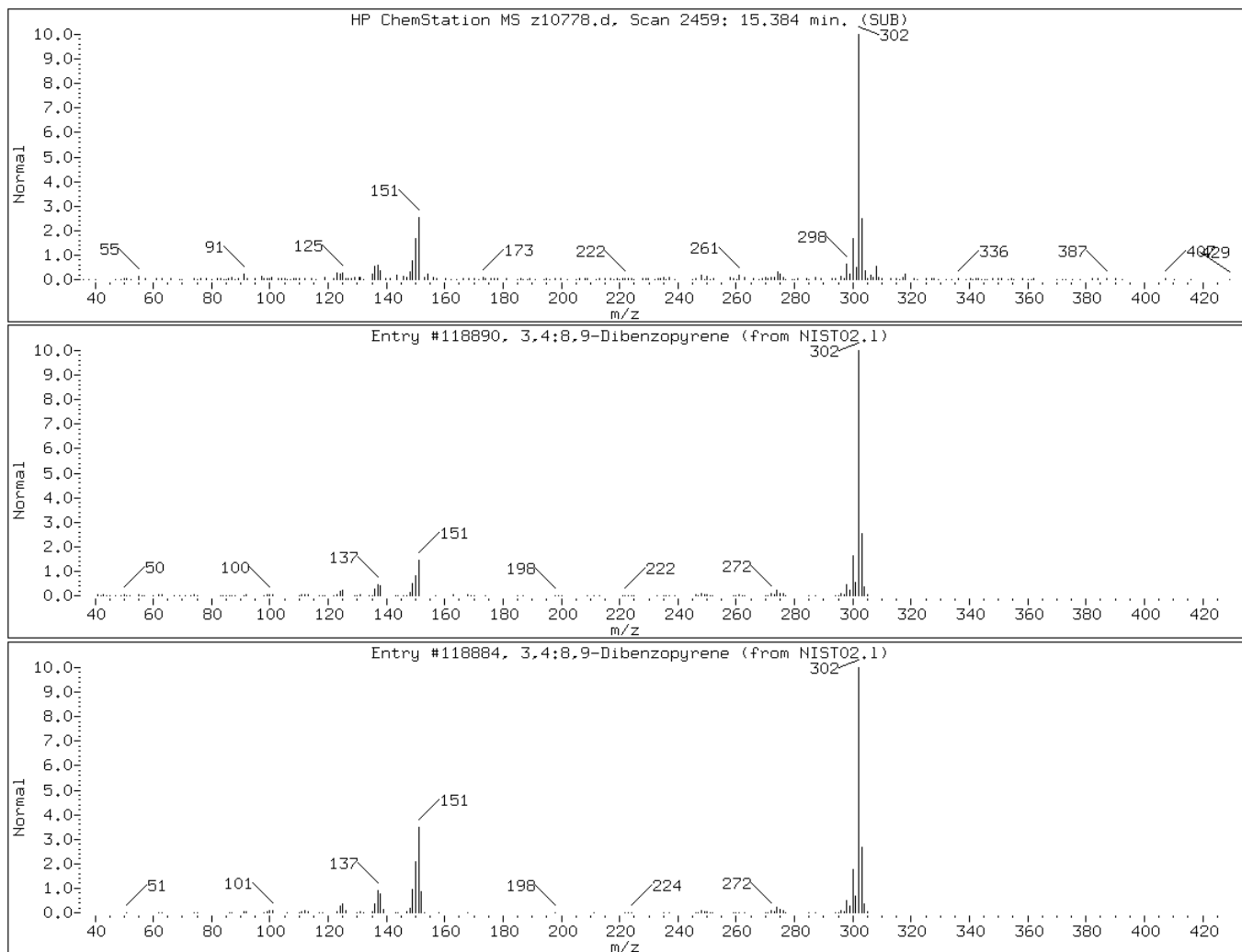
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 15.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAH-2						
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118890	96	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118884	94	C24H14	302



Data File: z10778.d

Date: 13-OCT-2011 17:17

Client ID: S0-17338-100511-MM-

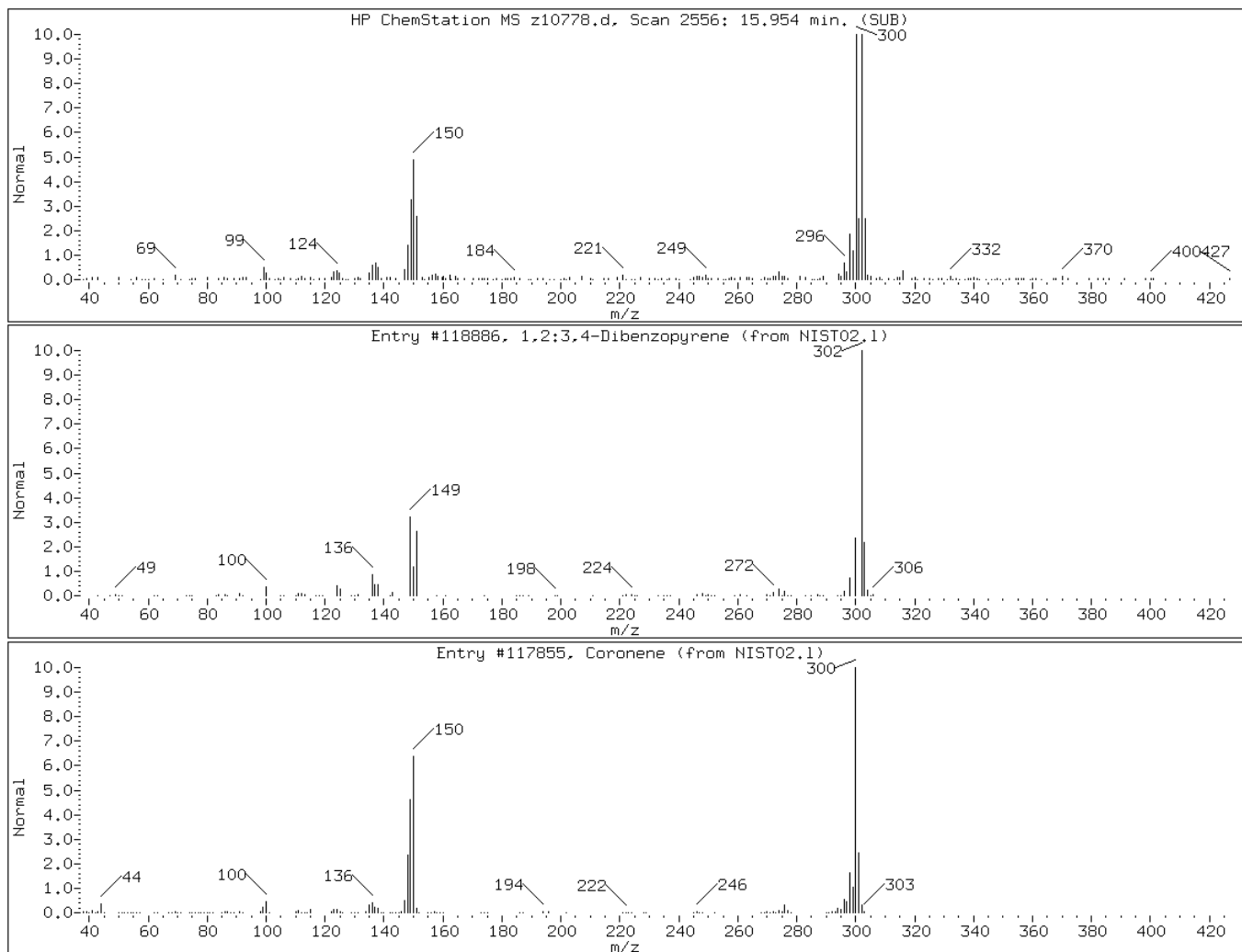
Instrument: BNAMS11.i

Sample Info: 460-32125-D-6-A

Operator: BNAMS 4

Retention Time: 15.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAH-3						
1,2:3,4-Dibenzopyrene	191-30-0	NIST02.1	118886	89	C24H14	302
Coronene	191-07-1	NIST02.1	117855	70	C24H12	300



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-146</u>	Lab Sample ID: <u>460-32125-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10783.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 13:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 19:22</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>20.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	420	U	420	26
108-95-2	Phenol	420	U	420	51
111-44-4	Bis(2-chloroethyl)ether	42	U	42	8.7
95-57-8	2-Chlorophenol	420	U	420	56
95-48-7	2-Methylphenol	420	U	420	60
108-60-1	2,2'-oxybis[1-chloropropane]	420	U	420	55
98-86-2	Acetophenone	420	U	420	62
106-44-5	4-Methylphenol	420	U	420	68
621-64-7	N-Nitrosodi-n-propylamine	42	U	42	5.5
67-72-1	Hexachloroethane	42	U	42	7.0
98-95-3	Nitrobenzene	42	U	42	9.3
78-59-1	Isophorone	420	U	420	48
88-75-5	2-Nitrophenol	420	U	420	69
105-67-9	2,4-Dimethylphenol	420	U	420	67
111-91-1	Bis(2-chloroethoxy)methane	420	U	420	60
120-83-2	2,4-Dichlorophenol	420	U	420	67
91-20-3	Naphthalene	420	U	420	61
106-47-8	4-Chloroaniline	420	U	420	52
87-68-3	Hexachlorobutadiene	84	U	84	17
105-60-2	Caprolactam	420	U	420	57
59-50-7	4-Chloro-3-methylphenol	420	U	420	70
91-57-6	2-Methylnaphthalene	420	U	420	61
77-47-4	Hexachlorocyclopentadiene	420	U	420	120
88-06-2	2,4,6-Trichlorophenol	420	U	420	75
95-95-4	2,4,5-Trichlorophenol	420	U	420	80
92-52-4	1,1'-Biphenyl	420	U	420	69
91-58-7	2-Chloronaphthalene	420	U	420	59
88-74-4	2-Nitroaniline	840	U	840	110
131-11-3	Dimethyl phthalate	420	U	420	56
606-20-2	2,6-Dinitrotoluene	84	U	84	11
208-96-8	Acenaphthylene	420	U	420	60
99-09-2	3-Nitroaniline	840	U	840	94
83-32-9	Acenaphthene	420	U	420	59
51-28-5	2,4-Dinitrophenol	1300	U	1300	89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-146</u>	Lab Sample ID: <u>460-32125-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10783.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 13:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 19:22</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>20.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1300	U	1300	110
132-64-9	Dibenzofuran	420	U	420	63
121-14-2	2,4-Dinitrotoluene	84	U	84	12
84-66-2	Diethyl phthalate	420	U	420	56
86-73-7	Fluorene	420	U	420	71
7005-72-3	4-Chlorophenyl phenyl ether	420	U	420	72
100-01-6	4-Nitroaniline	840	U	840	86
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	200
86-30-6	N-Nitrosodiphenylamine	420	U	420	68
101-55-3	4-Bromophenyl phenyl ether	420	U	420	74
118-74-1	Hexachlorobenzene	42	U	42	5.8
1912-24-9	Atrazine	420	U	420	78
87-86-5	Pentachlorophenol	1300	U	1300	200
85-01-8	Phenanthrene	2100		420	73
120-12-7	Anthracene	160	J	420	74
86-74-8	Carbazole	280	J	420	66
84-74-2	Di-n-butyl phthalate	420	U	420	64
206-44-0	Fluoranthene	4900		420	69
129-00-0	Pyrene	2800		420	72
85-68-7	Butyl benzyl phthalate	420	U	420	49
91-94-1	3,3'-Dichlorobenzidine	840	U	840	92
56-55-3	Benzo[a]anthracene	1300		42	7.7
218-01-9	Chrysene	2000		420	61
117-81-7	Bis(2-ethylhexyl) phthalate	98	J	420	55
117-84-0	Di-n-octyl phthalate	420	U	420	50
205-99-2	Benzo[b]fluoranthene	1700		42	6.2
207-08-9	Benzo[k]fluoranthene	820		42	5.8
50-32-8	Benzo[a]pyrene	1300		42	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	1300		42	6.7
53-70-3	Dibenz(a,h)anthracene	180		42	5.0
191-24-2	Benzo[g,h,i]perylene	1100		420	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: z10783.d
Analysis Method: 8270C Date Collected: 10/05/2011 13:15
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 19:22
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 20.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-120
321-60-8	2-Fluorobiphenyl	85		40-109
367-12-4	2-Fluorophenol (Surr)	68		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	85		38-105
4165-62-2	Phenol-d5 (Surr)	67		41-118
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: z10783.d
Analysis Method: 8270C Date Collected: 10/05/2011 13:15
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 19:22
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 20.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 5 TIC Result Total: 3080

CAS NO.	COMPOUND NAME	RT	RESULT	Q
84-65-1	9,10-Anthracenedione	8.74	690	J N
	C20H12 PAH	12.04	1100	J
	Unknown-1	13.26	450	J
	C20H12 PAH-2	13.37	430	J
	C24H14 PAH	15.27	410	J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Report Date: 15-Oct-2011 11:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Lab Smp Id: 460-32125-D-7-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 19:22
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-7-A
 Misc Info : 460-32125-D-7-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 22
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	20.68127	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.244	2.214	(0.652)	888076	67.7401	5700
\$ 17 Phenol-d5 (SUR)		99	3.120	3.132	(0.906)	1034465	67.1106	5600
* 79 1,4-Dichlorobenzene-d4		152	3.444	3.449	(1.000)	380672	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.020	4.032	(0.847)	535373	42.4660	3600
* 80 Naphthalene-d8		136	4.743	4.755	(1.000)	1217948	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.849	5.855	(0.900)	795475	42.3644	3600
* 82 Acenaphthene-d10		164	6.496	6.496	(1.000)	519617	40.0000	
42 Acenaphthene		154	6.526	6.532	(1.005)	7602	0.51826	44(aH)
43 Dibenzofuran		168	6.696	6.702	(1.031)	4999	0.25023	21(a)
47 Fluorene		166	7.032	7.037	(1.082)	9306	0.58416	49(a)
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.267	7.273	(1.119)	173847	77.3338	6500
* 83 Phenanthrene-d10		188	7.931	7.937	(1.000)	646393	40.0000	
52 Phenanthrene		178	7.955	7.961	(1.003)	450961	24.9048	2100

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Report Date: 15-Oct-2011 11:13

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
53 Anthracene	178	8.002	8.008	(1.009)	35322	1.91641	160(a)
54 Carbazole	167	8.173	8.178	(1.030)	48451	3.30377	280(a)
56 Fluoranthene	202	9.108	9.114	(1.148)	867804	58.6572	4900
57 Pyrene	202	9.320	9.325	(0.886)	644804	33.7137	2800
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.903)	468801	35.8878	3000
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	199130	15.2139	1300
* 81 Chrysene-d12	240	10.520	10.519	(1.000)	448424	40.0000	
62 Chrysene	228	10.543	10.549	(1.002)	310352	24.0382	2000
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	13595	1.17122	98(a)
65 Benzo(b)fluoranthene	252	11.714	11.714	(0.962)	328782	20.7303	1700
66 Benzo(k)fluoranthene	252	11.743	11.743	(0.965)	157274	9.76367	820
67 Benzo(a)pyrene	252	12.096	12.096	(0.994)	201077	15.9378	1300
* 84 Perylene-d12	264	12.172	12.166	(1.000)	511352	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.490	13.484	(1.108)	172443	15.4970	1300
69 Dibenz(a,h)anthracene	278	13.513	13.519	(1.110)	26347	2.19616	180(M)
70 Benzo(g,h,i)perylene	276	13.802	13.807	(1.134)	166968	13.6204	1100

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Report Date: 15-Oct-2011 11:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Lab Smp Id: 460-32125-D-7-A Client Smp ID: SO-17338-100511-MM-
 Inj Date : 13-OCT-2011 19:22
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-7-A
 Misc Info : 460-32125-D-7-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 22
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	20.68127	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 83 Phenanthrene-d10	7.931	1742017	40.000
* 84 Perylene-d12	12.172	1409971	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL (ug/ml)	FINAL (ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
9,10-Anthracenedione					CAS #: 84-65-1		
8.737	358283	8.22685603	690	99	NIST02.1	61654	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10783.d
 Report Date: 15-Oct-2011 11:13

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
====	====	=====	=====	====	=====	=====	=====
C20H12 PAH					CAS #:		
12.037	464075	13.1655083	1100	0		0	84
Unknown-1					CAS #:		
13.261	189834	5.38547764	450	0		0	84
C20H12 PAH-2					CAS #:		
13.366	180045	5.10777622	430	0		0	84
C24H14 PAH					CAS #:		
15.272	172782	4.90172788	410	0		0	84

Data File: z10783.d

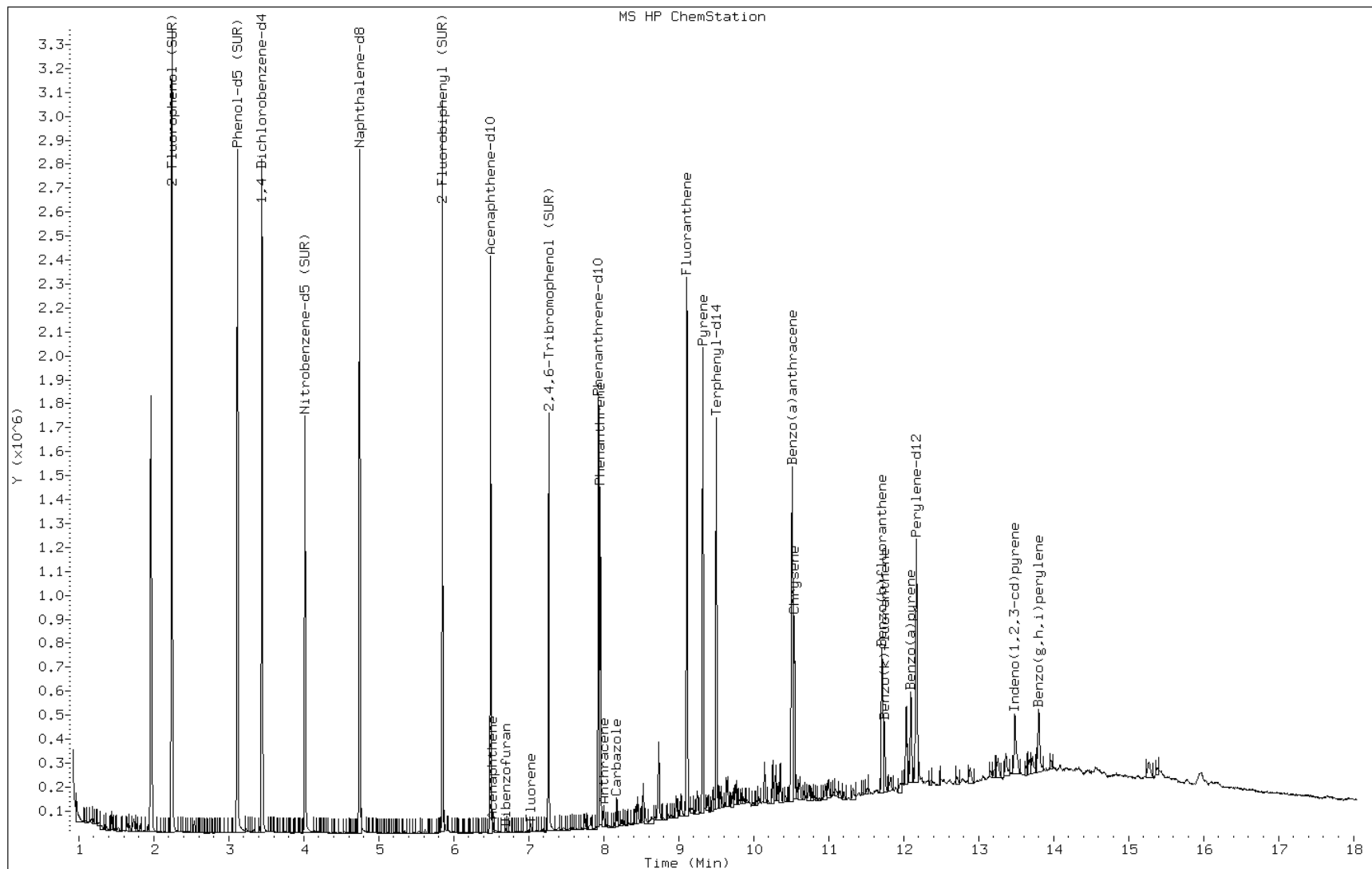
Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4



Data File: z10783.d

Date: 13-OCT-2011 19:22

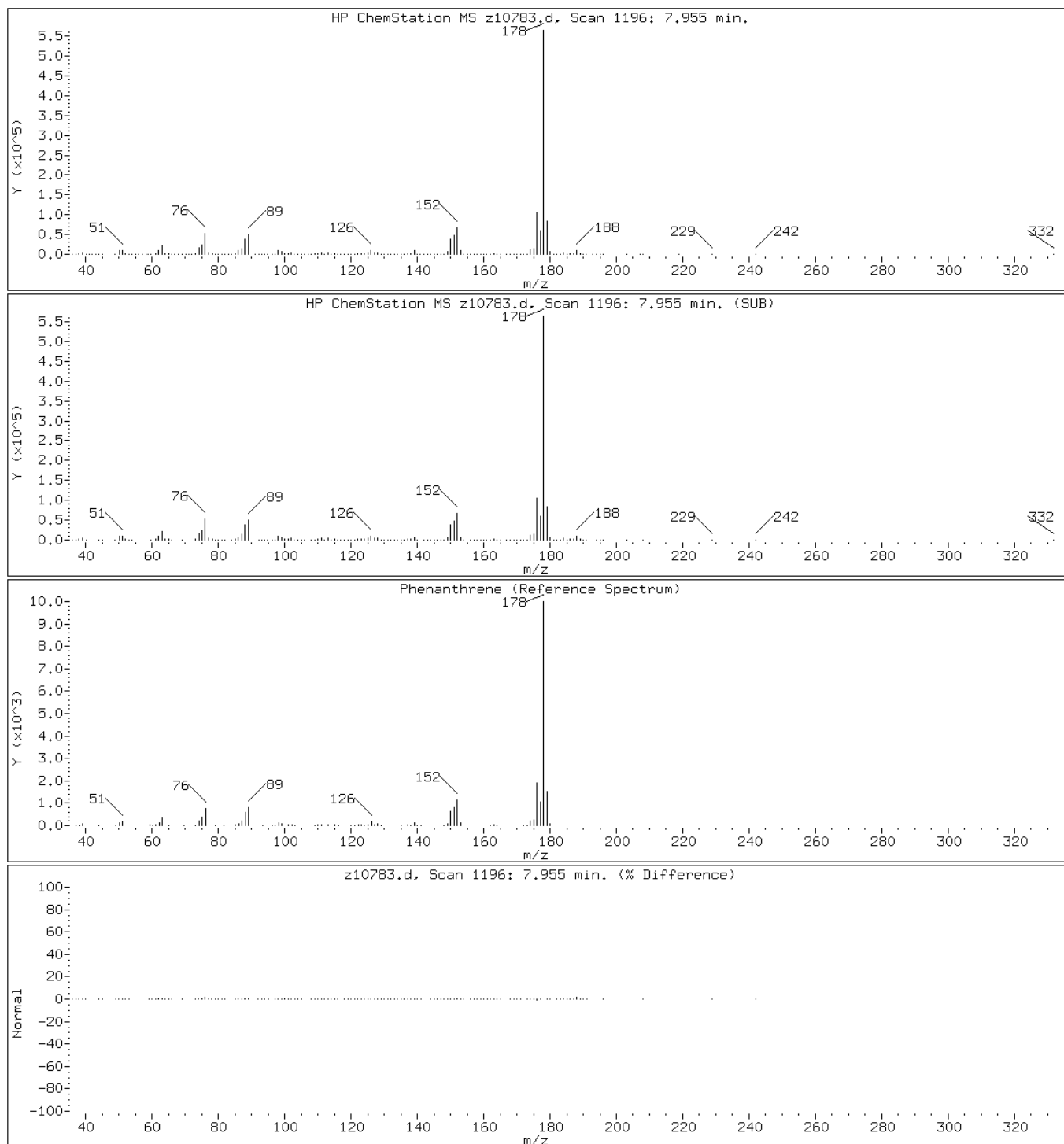
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

52 Phenanthrene



Data File: z10783.d

Date: 13-OCT-2011 19:22

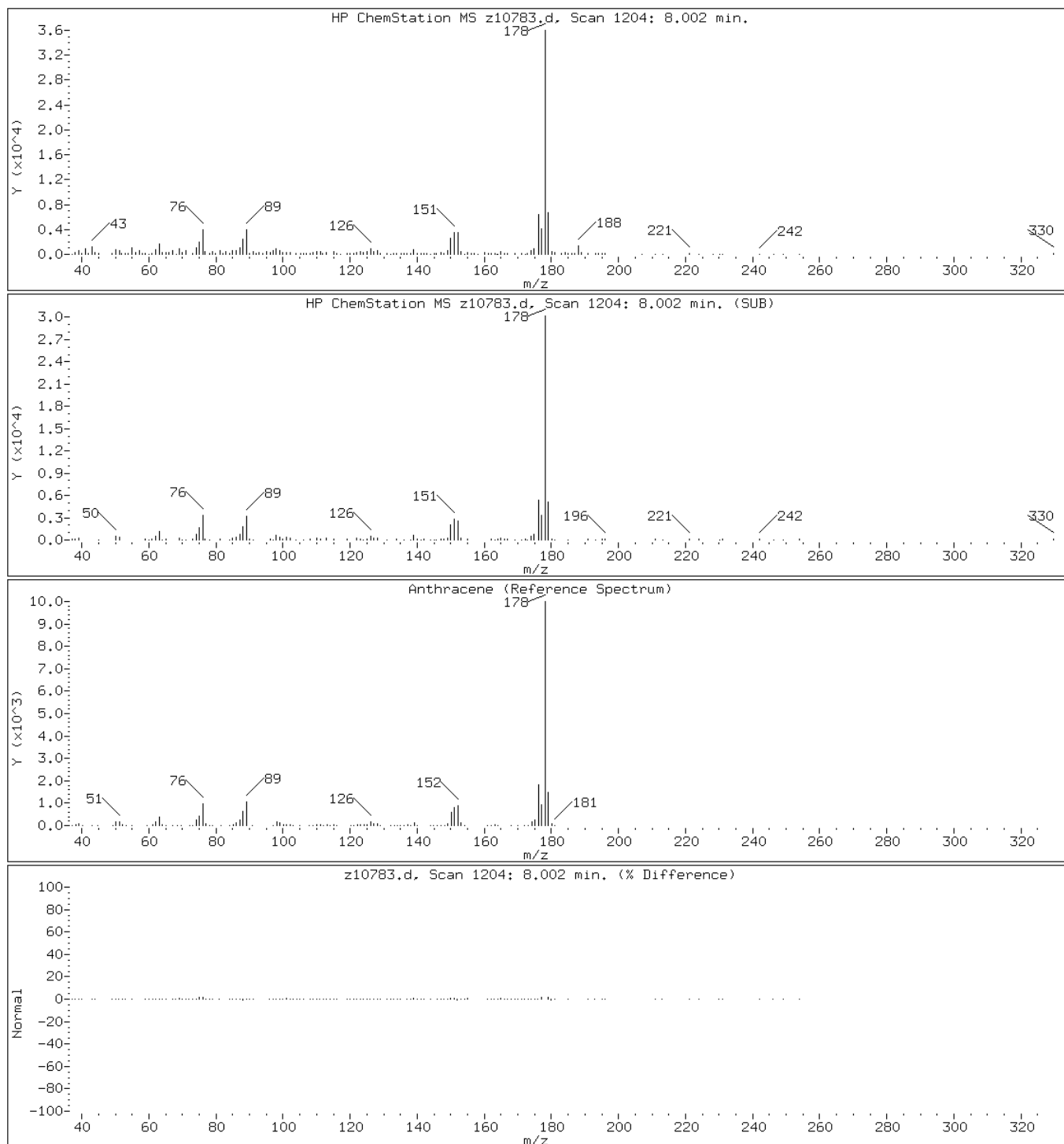
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

53 Anthracene



Data File: z10783.d

Date: 13-OCT-2011 19:22

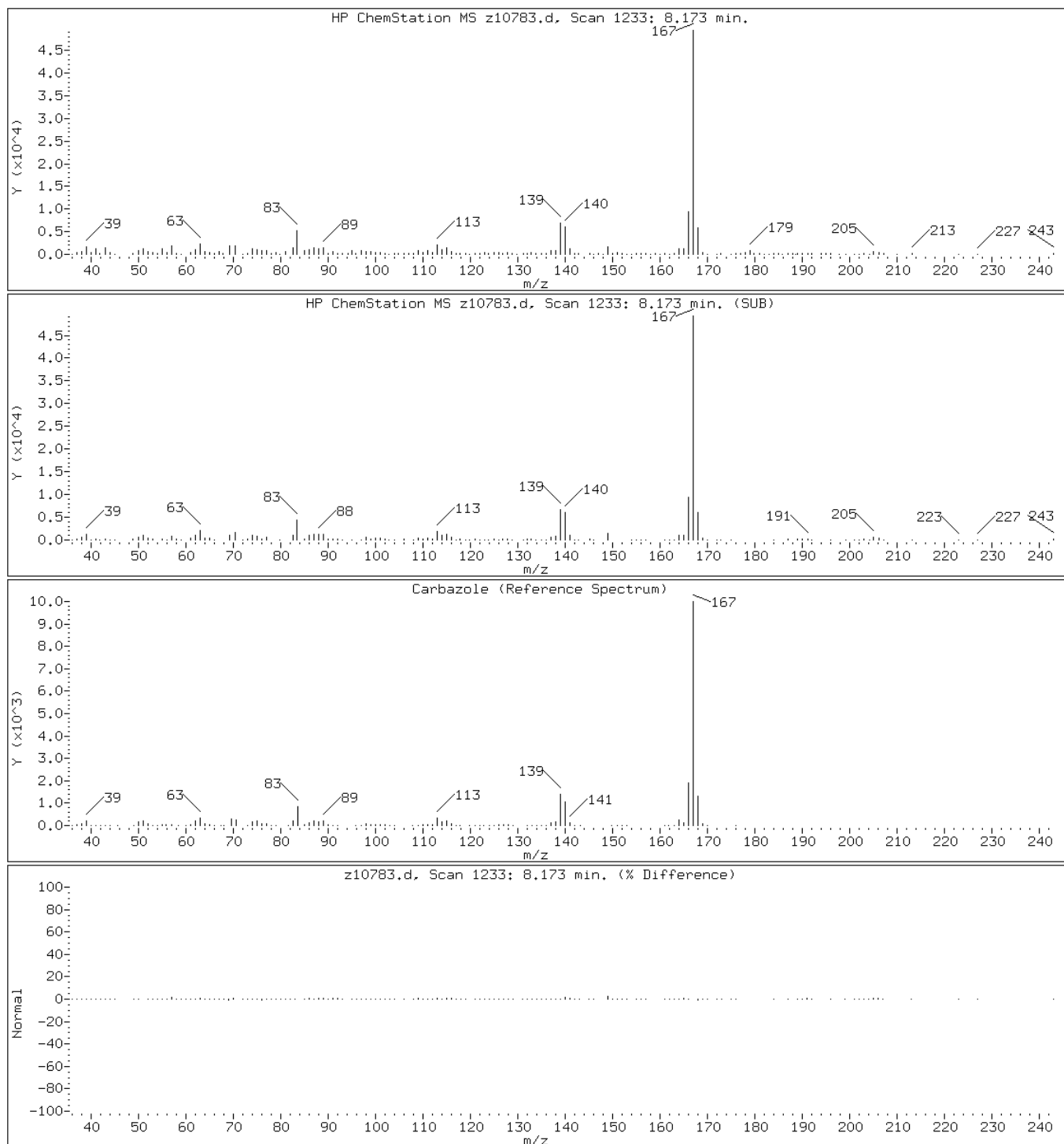
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

54 Carbazole



Data File: z10783.d

Date: 13-OCT-2011 19:22

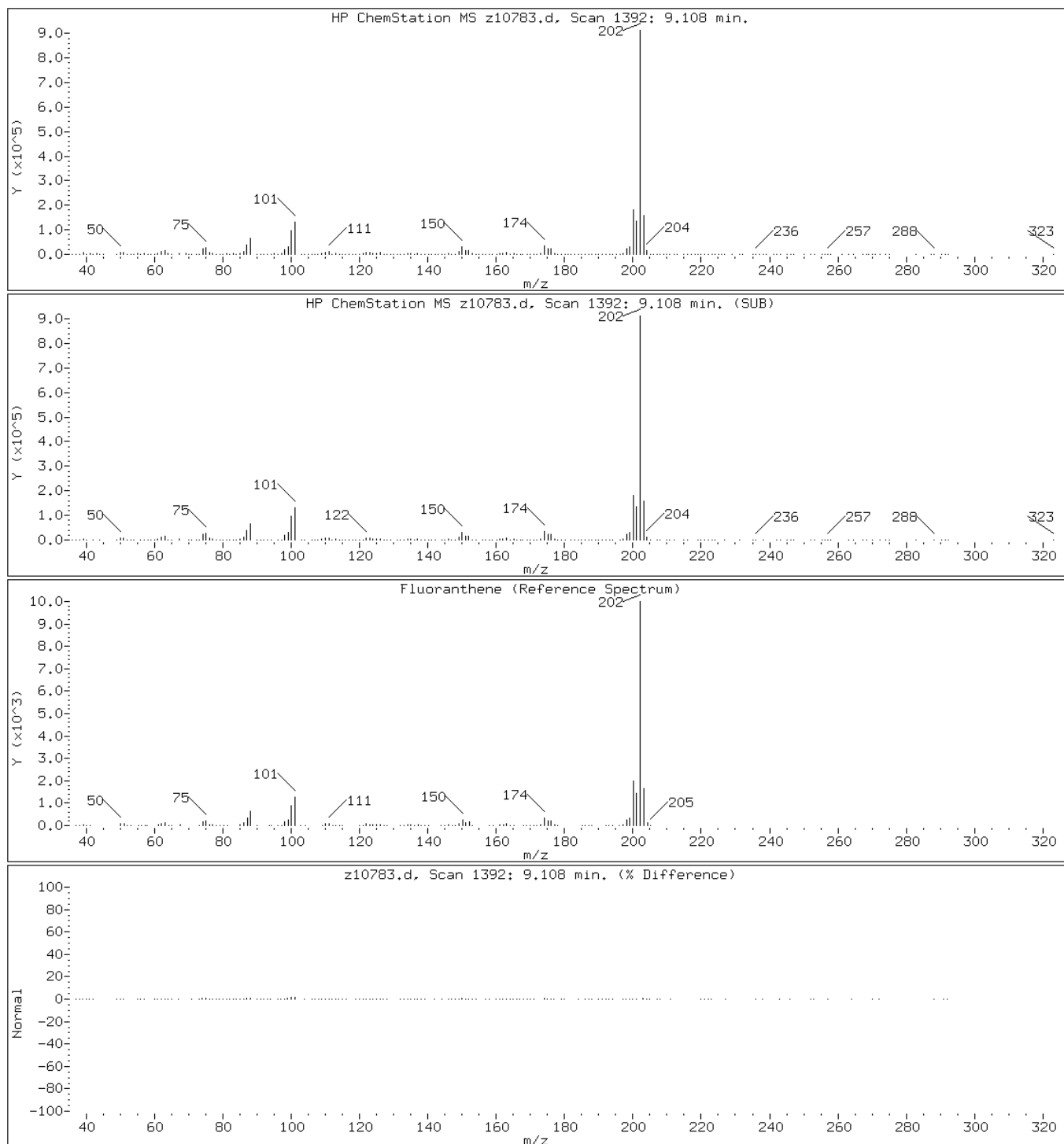
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

56 Fluoranthene



Data File: z10783.d

Date: 13-OCT-2011 19:22

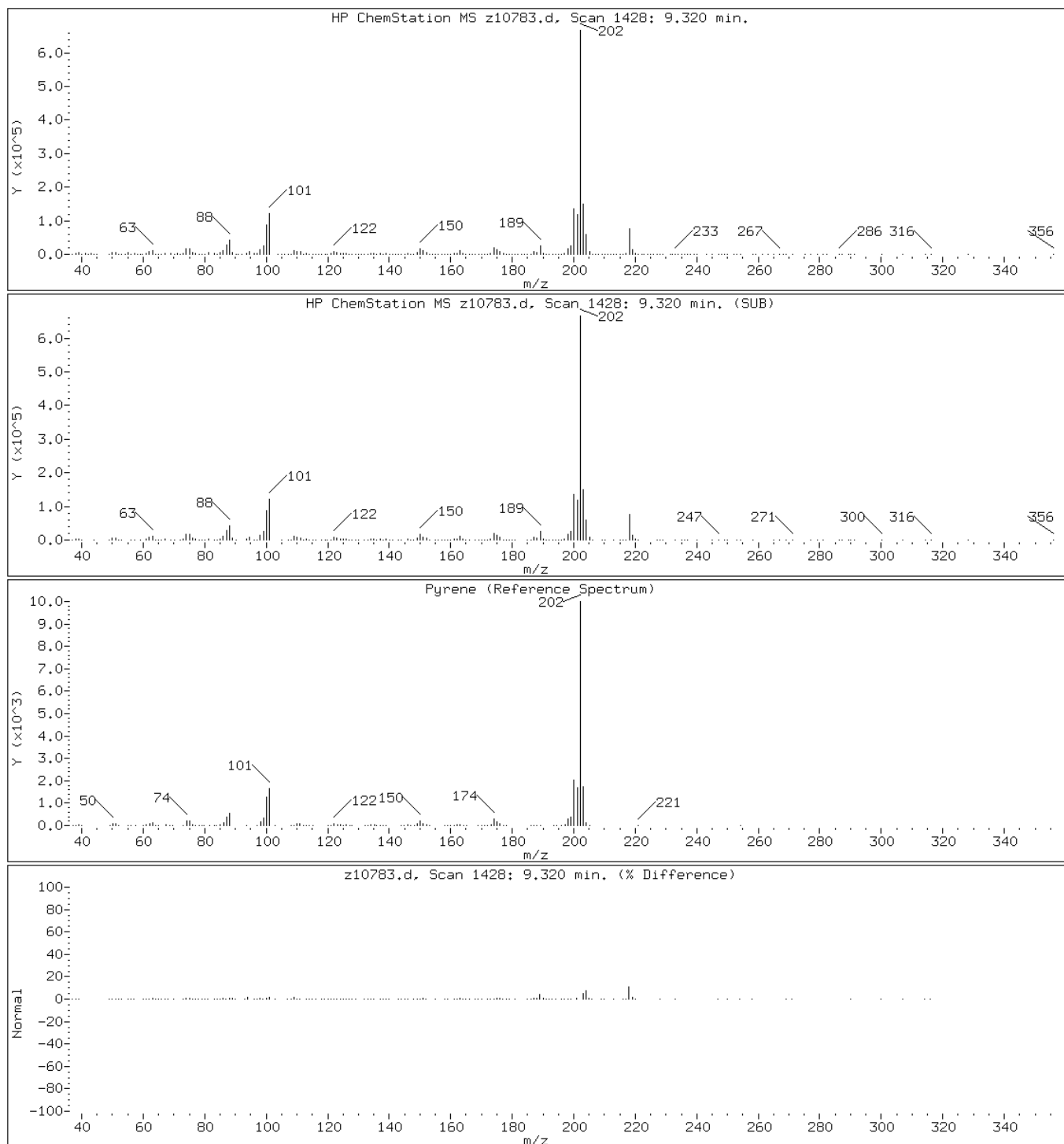
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

57 Pyrene



Data File: z10783.d

Date: 13-OCT-2011 19:22

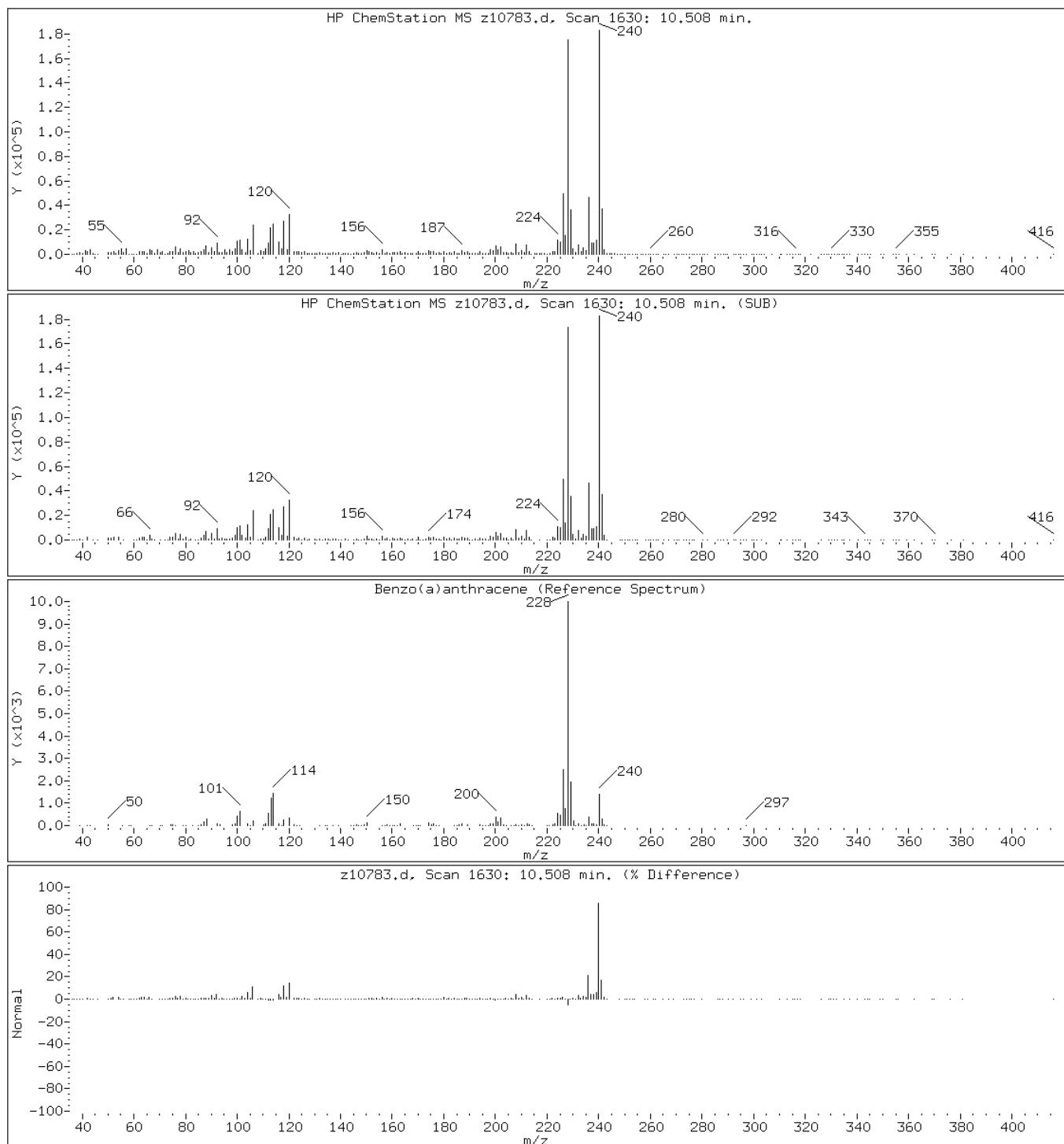
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z10783.d

Date: 13-OCT-2011 19:22

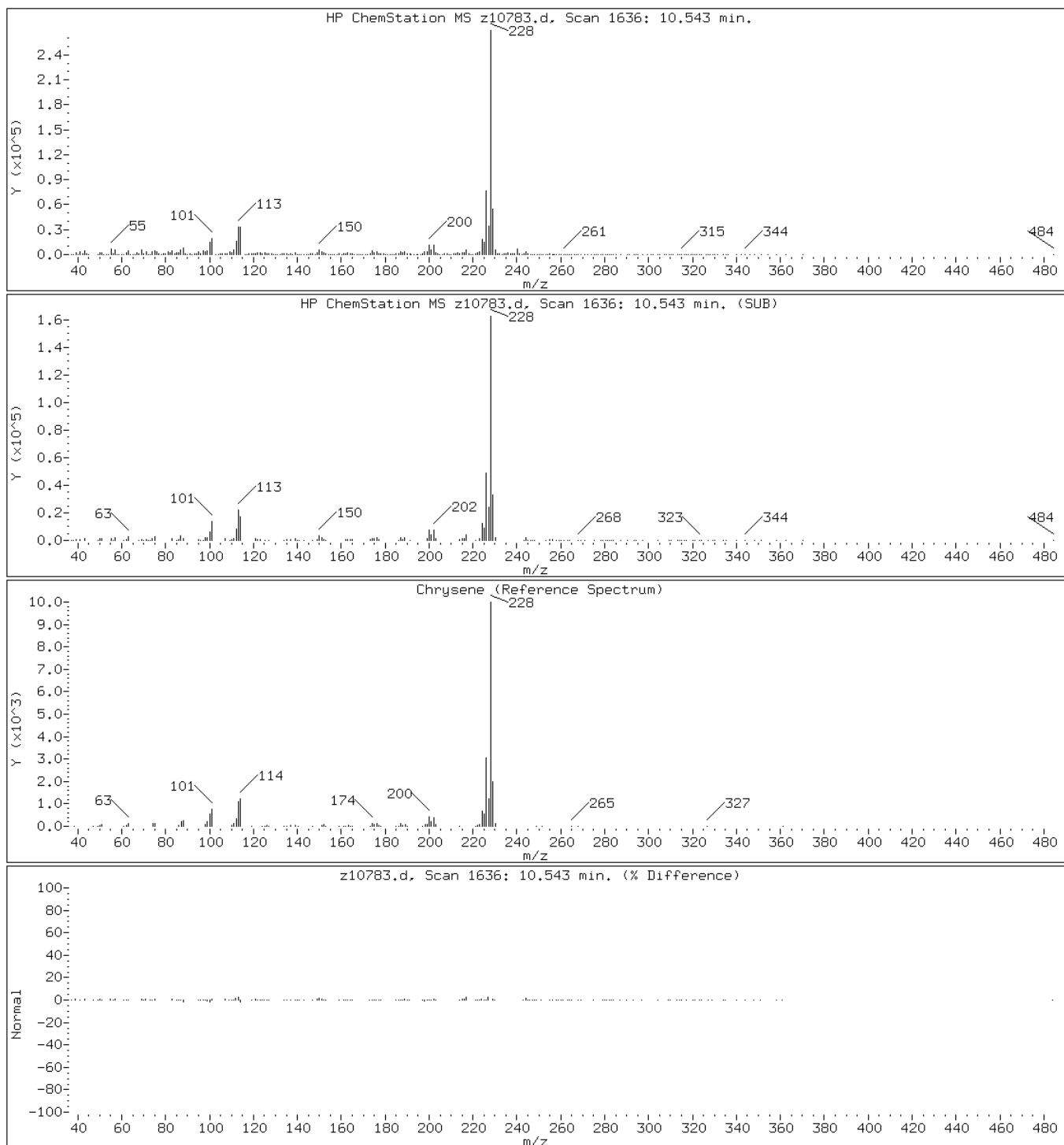
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

62 Chrysene



Data File: z10783.d

Date: 13-OCT-2011 19:22

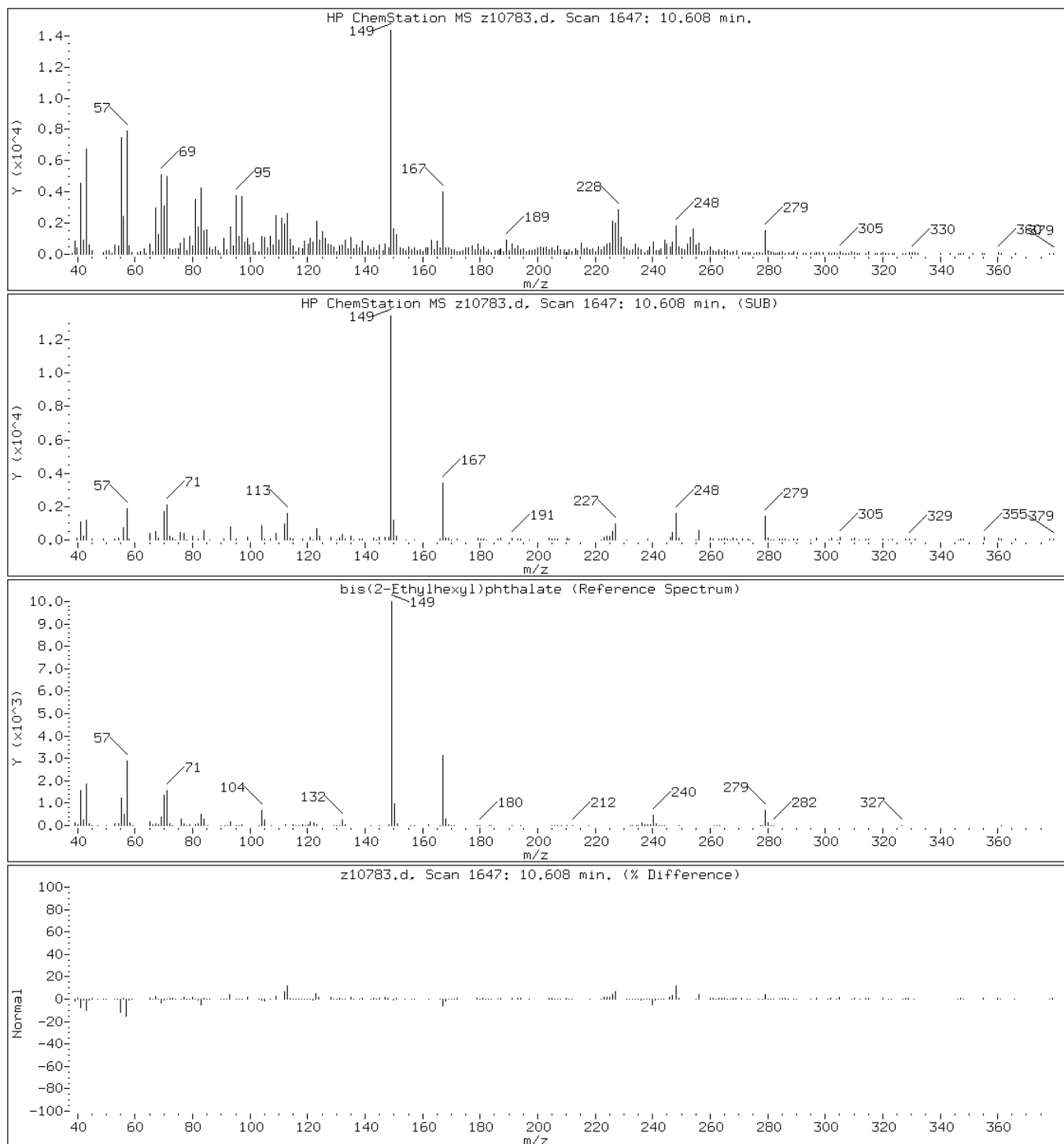
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z10783.d

Date: 13-OCT-2011 19:22

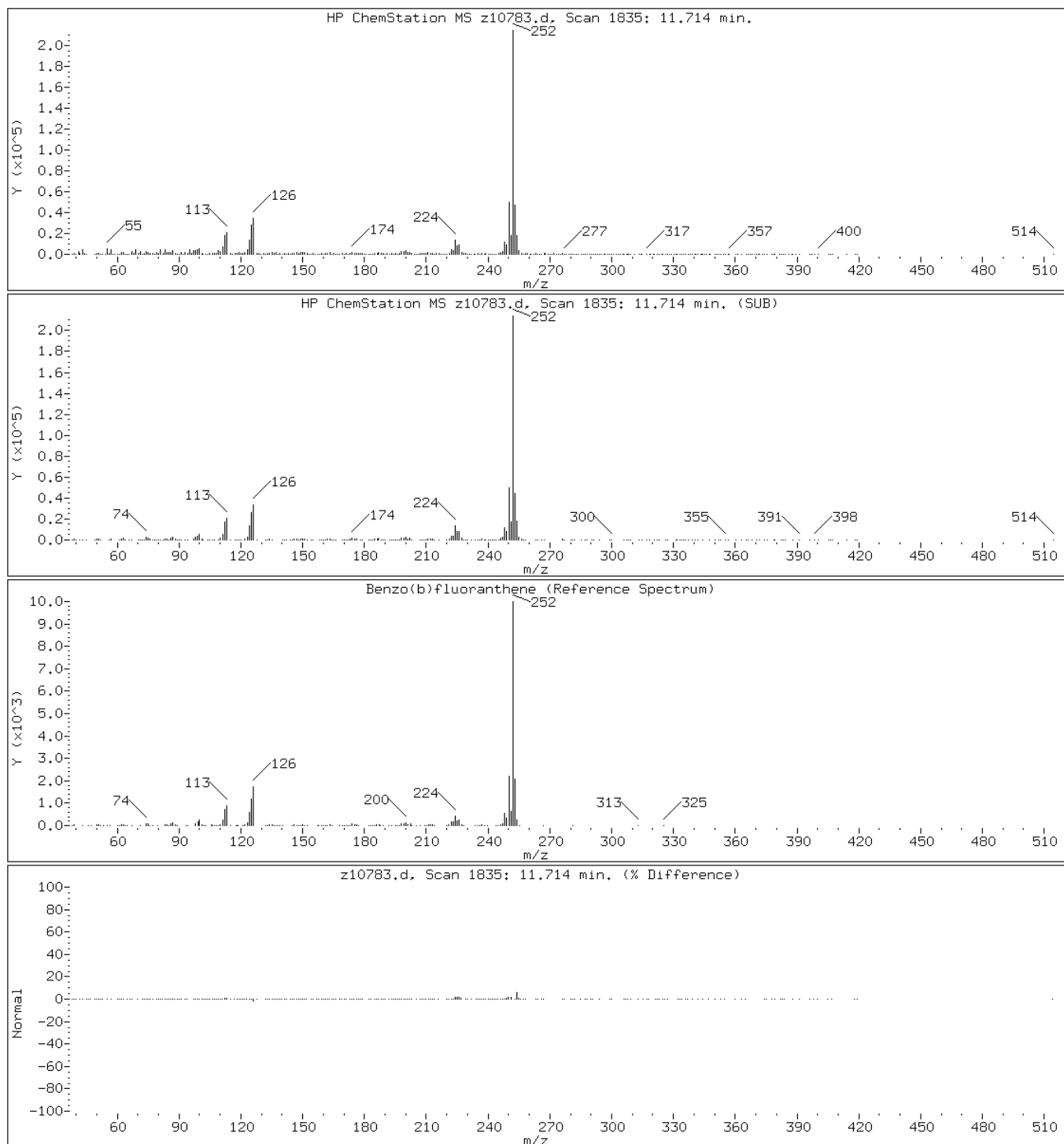
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z10783.d

Date: 13-OCT-2011 19:22

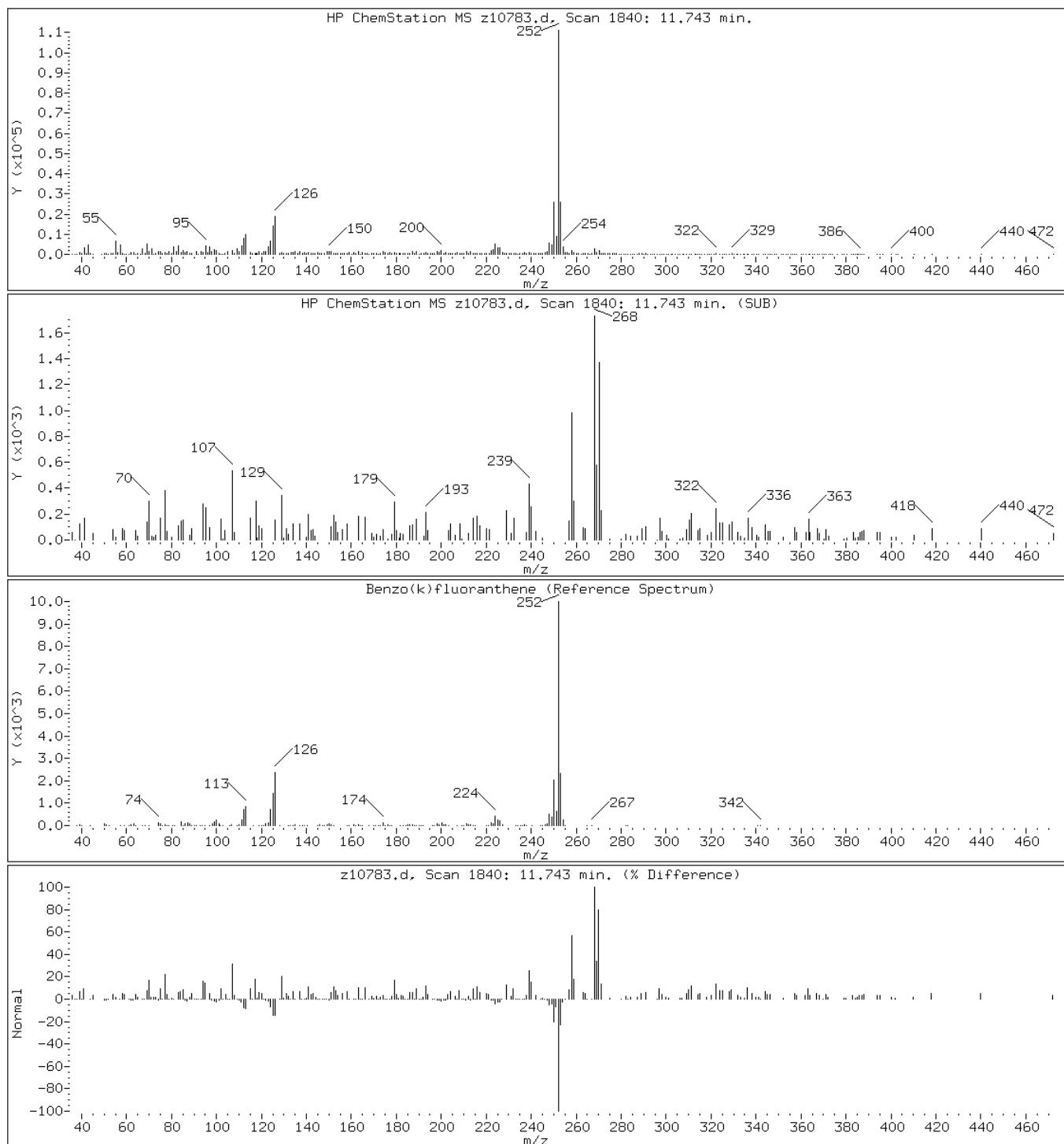
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z10783.d

Date: 13-OCT-2011 19:22

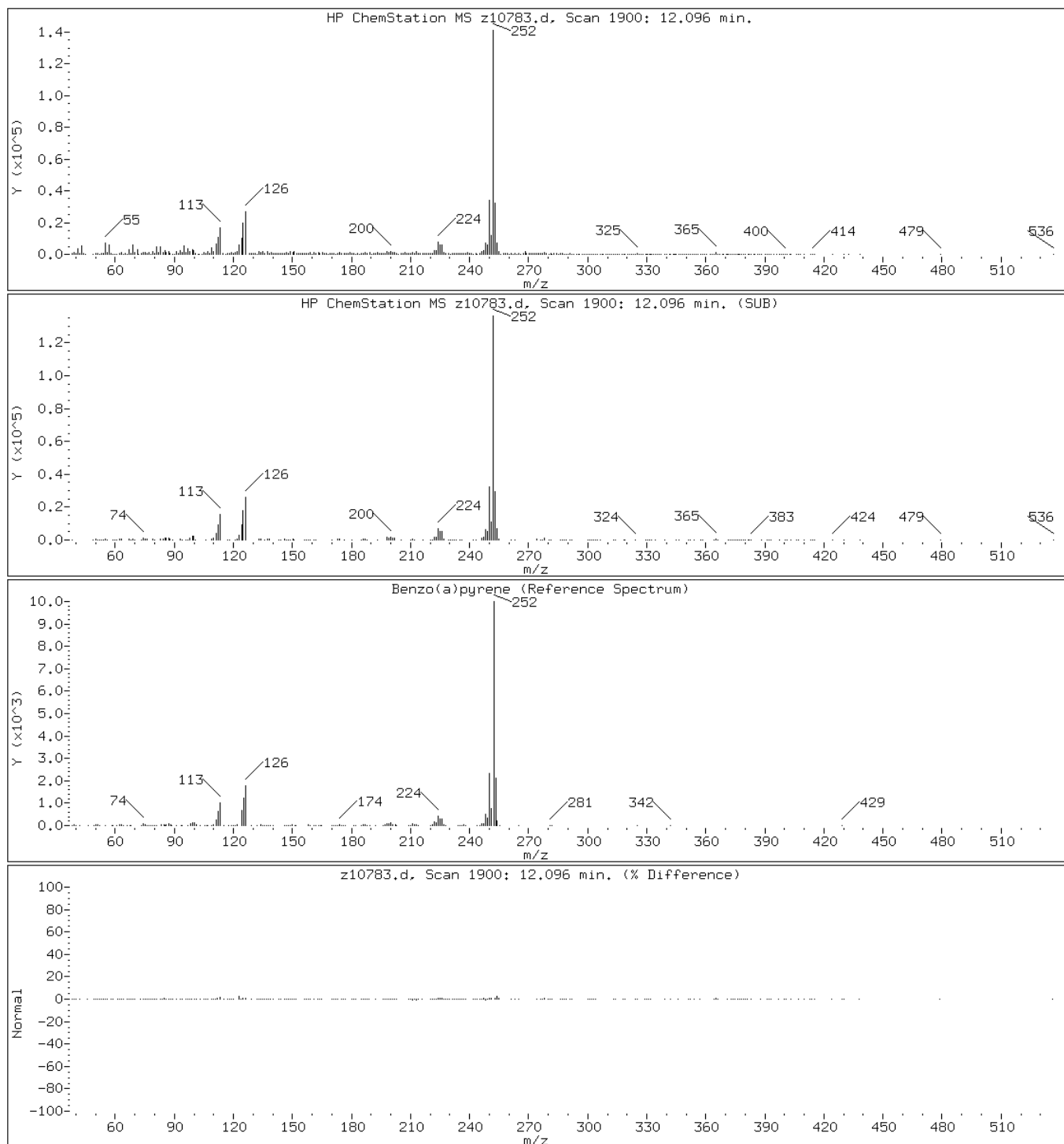
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z10783.d

Date: 13-OCT-2011 19:22

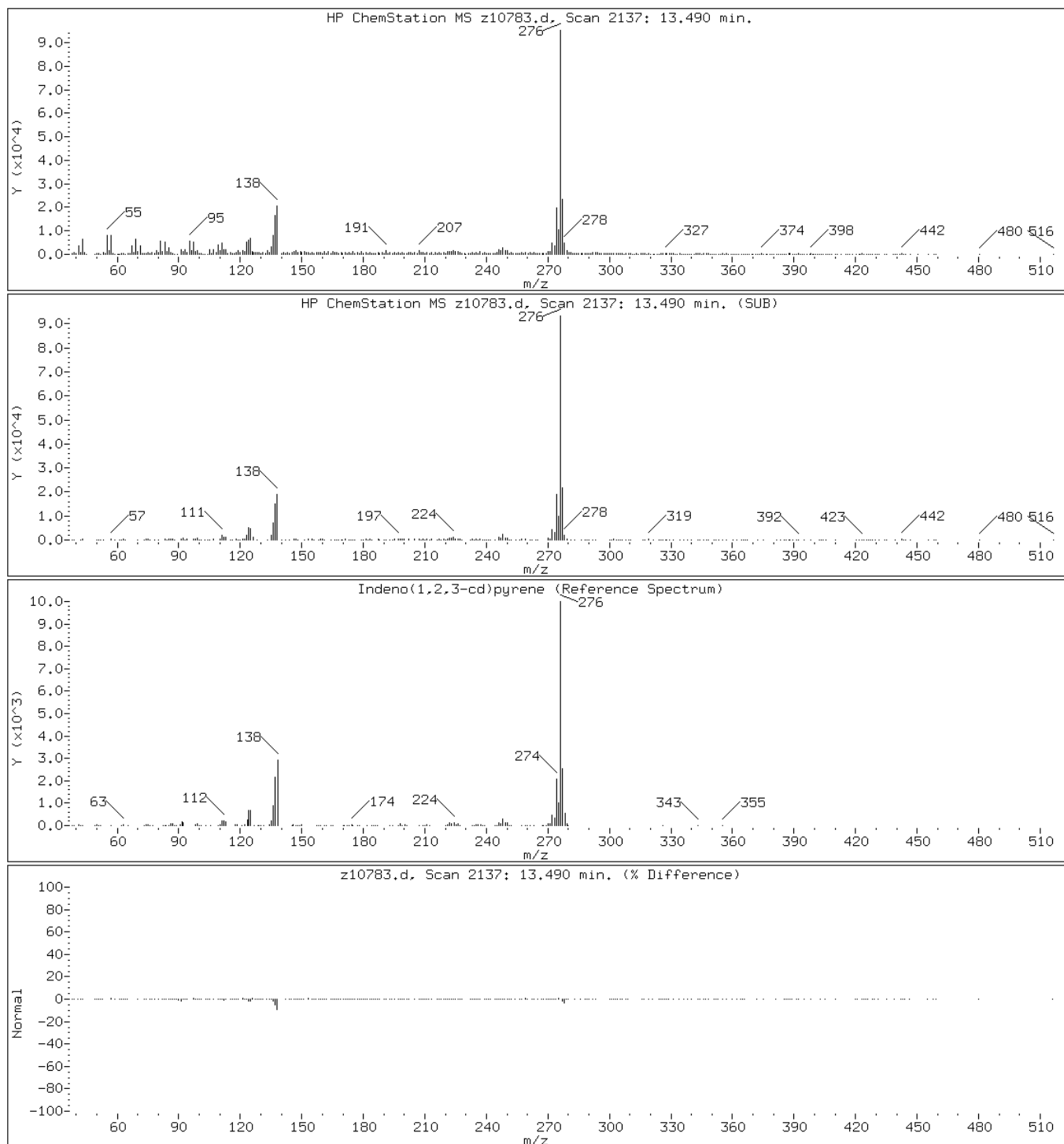
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z10783.d

Date: 13-OCT-2011 19:22

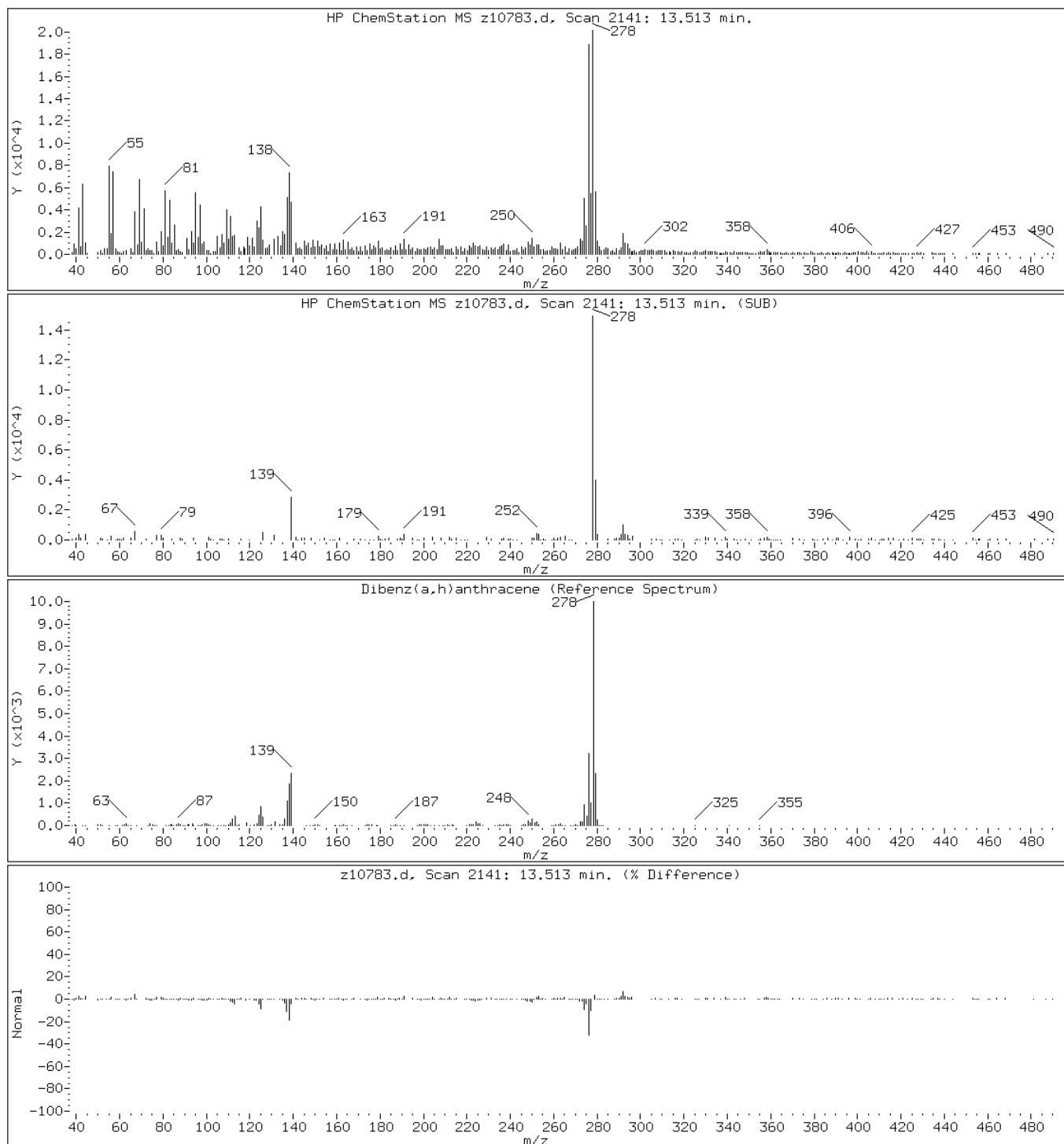
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z10783.d

Date: 13-OCT-2011 19:22

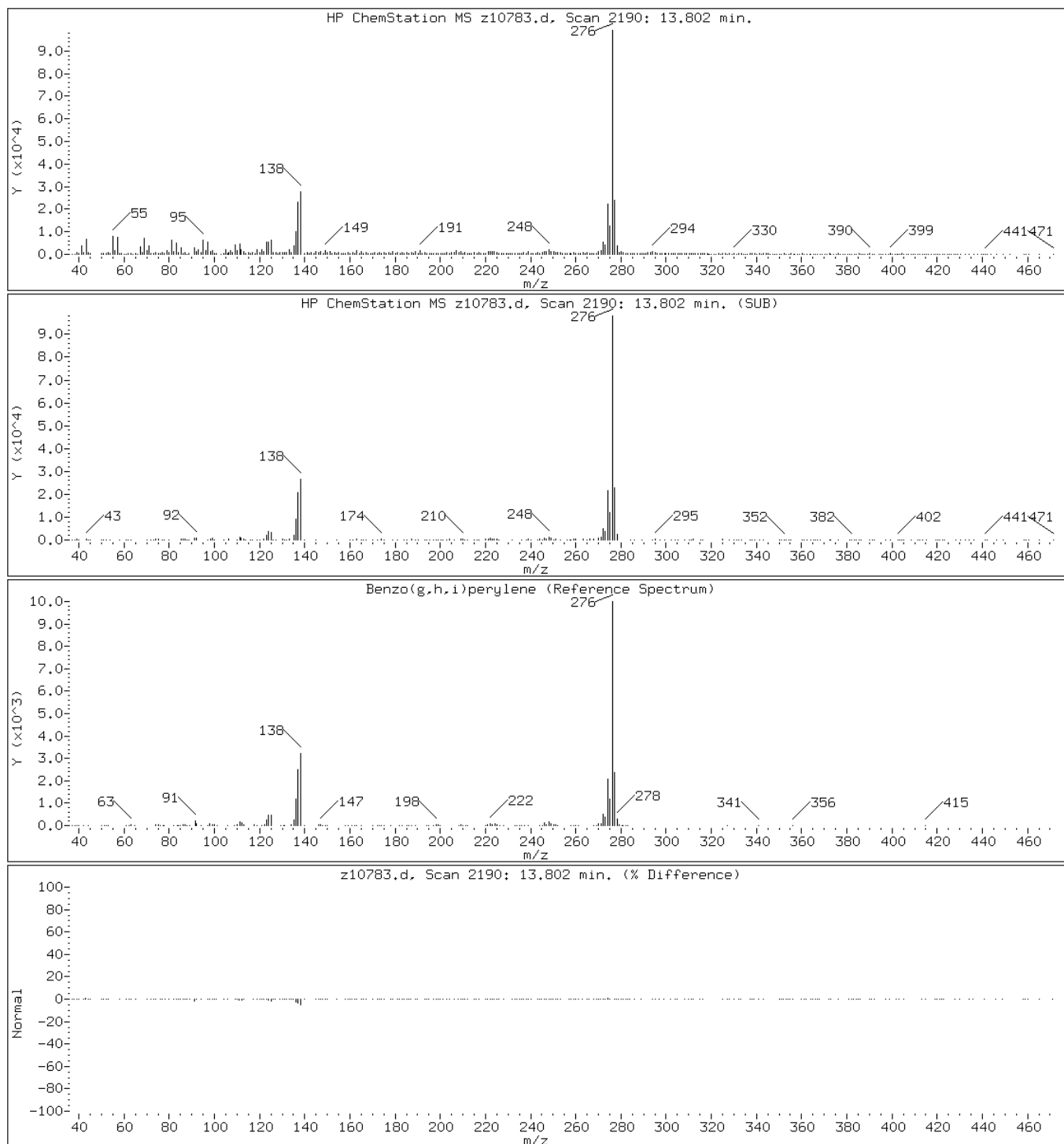
Client ID: S0-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

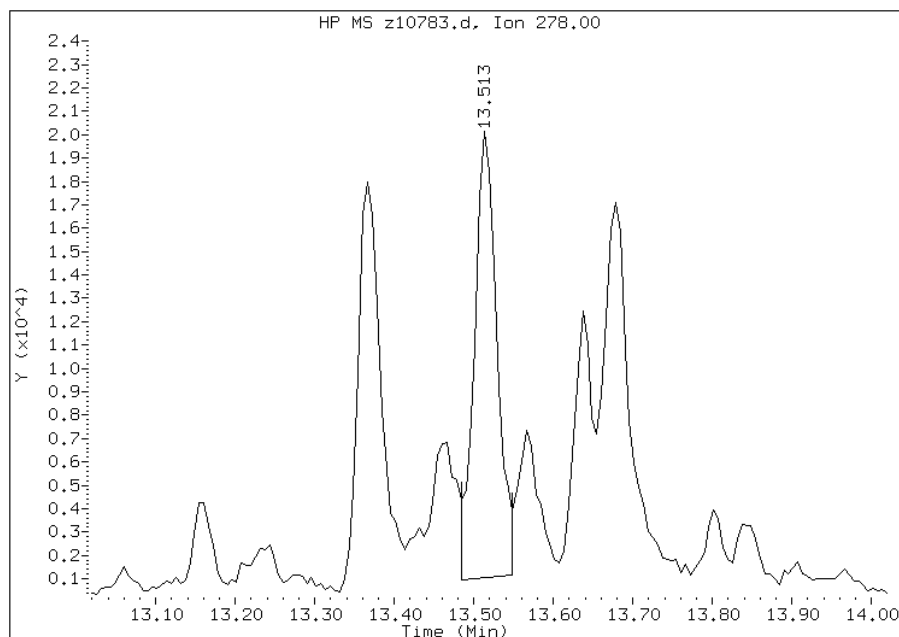


Manual Integration Report

Data File: z10783.d
Inj. Date and Time: 13-OCT-2011 19:22
Instrument ID: BNAMS11.i
Client ID: S0-17338-100511-MM-
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 10/15/2011

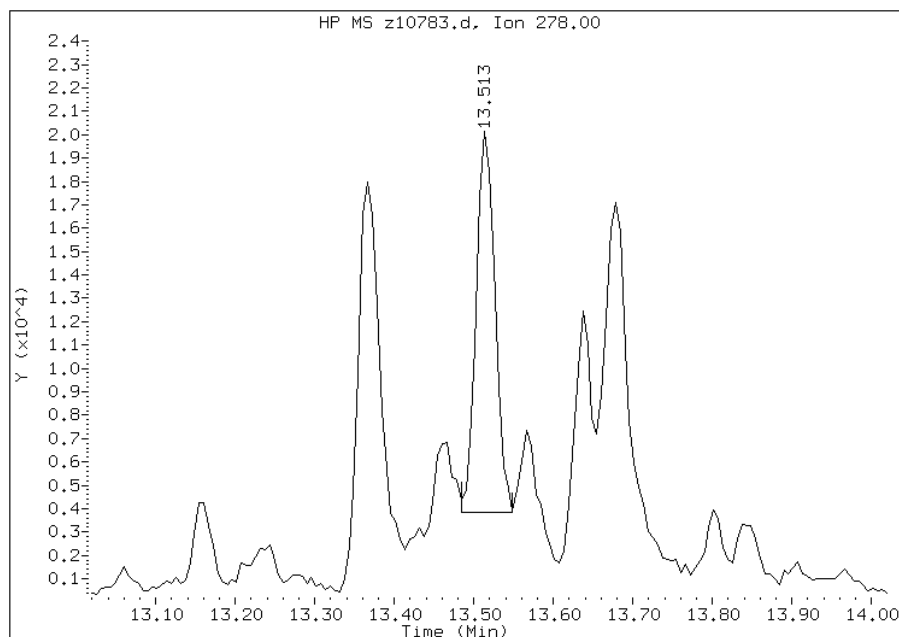
Processing Integration Results

RT: 13.51
Response: 38276
Amount: 3
Conc: 268



Manual Integration Results

RT: 13.51
Response: 26347
Amount: 2
Conc: 185



Manually Integrated By: rusin
Manual Integration Reason: Baseline Event

Data File: z10783.d

Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

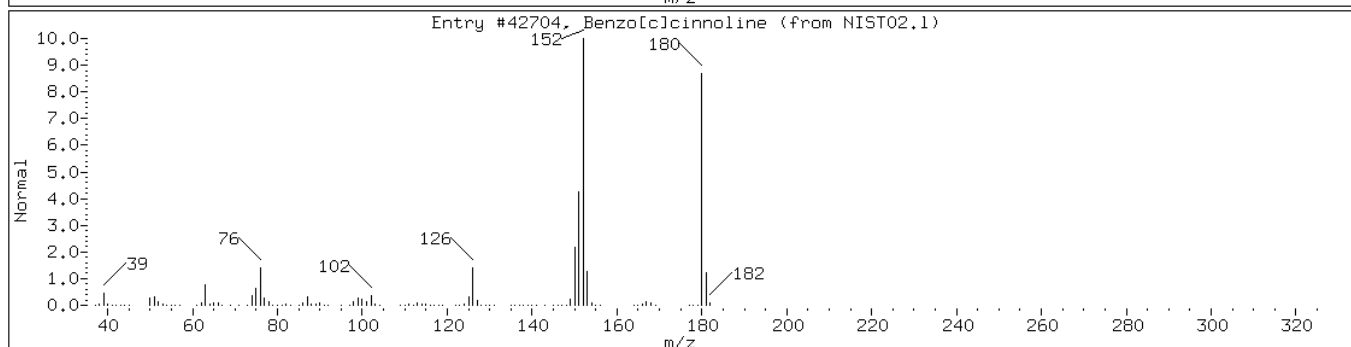
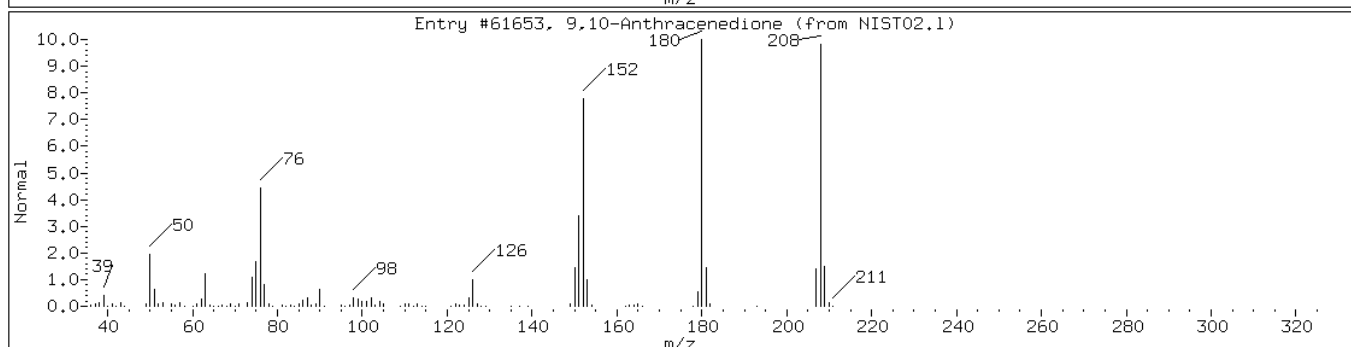
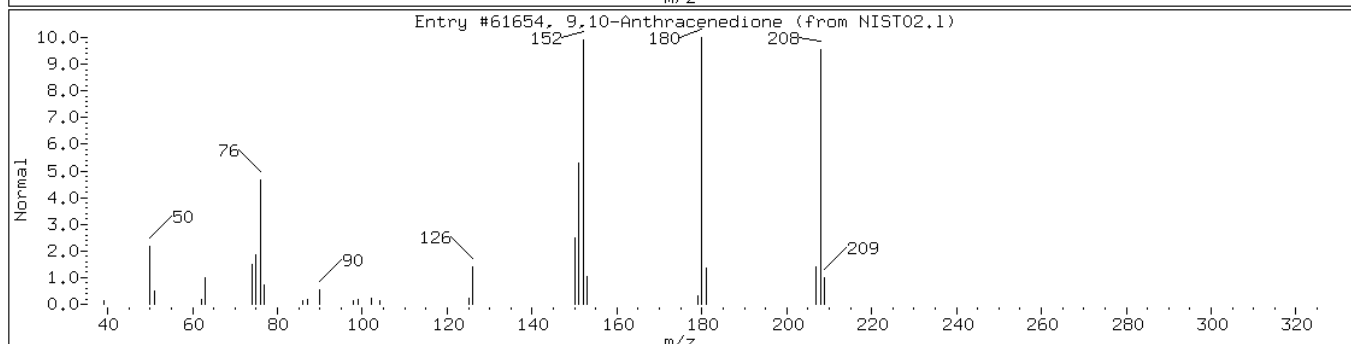
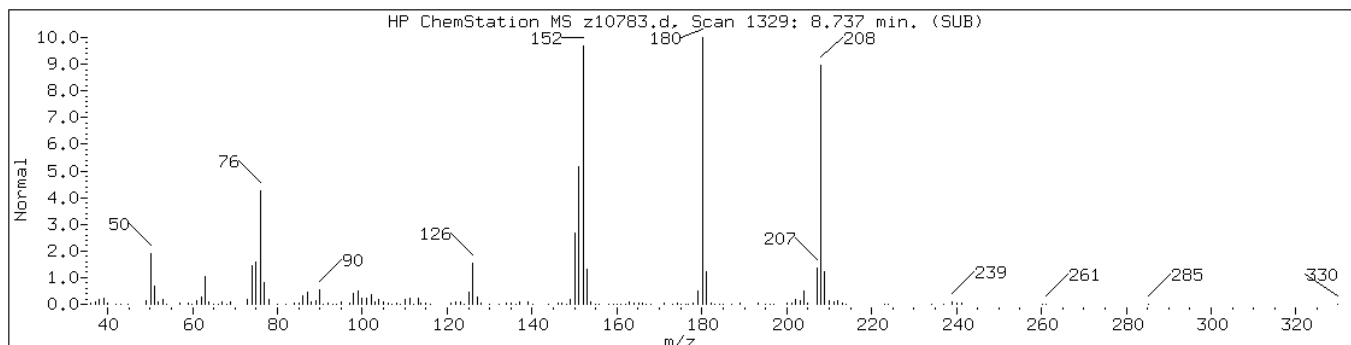
Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST02.1	61654	99	C14H8O2	208
9,10-Anthracenedione	84-65-1	NIST02.1	61653	98	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST02.1	42704	96	C12H8N2	180



Data File: z10783.d

Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

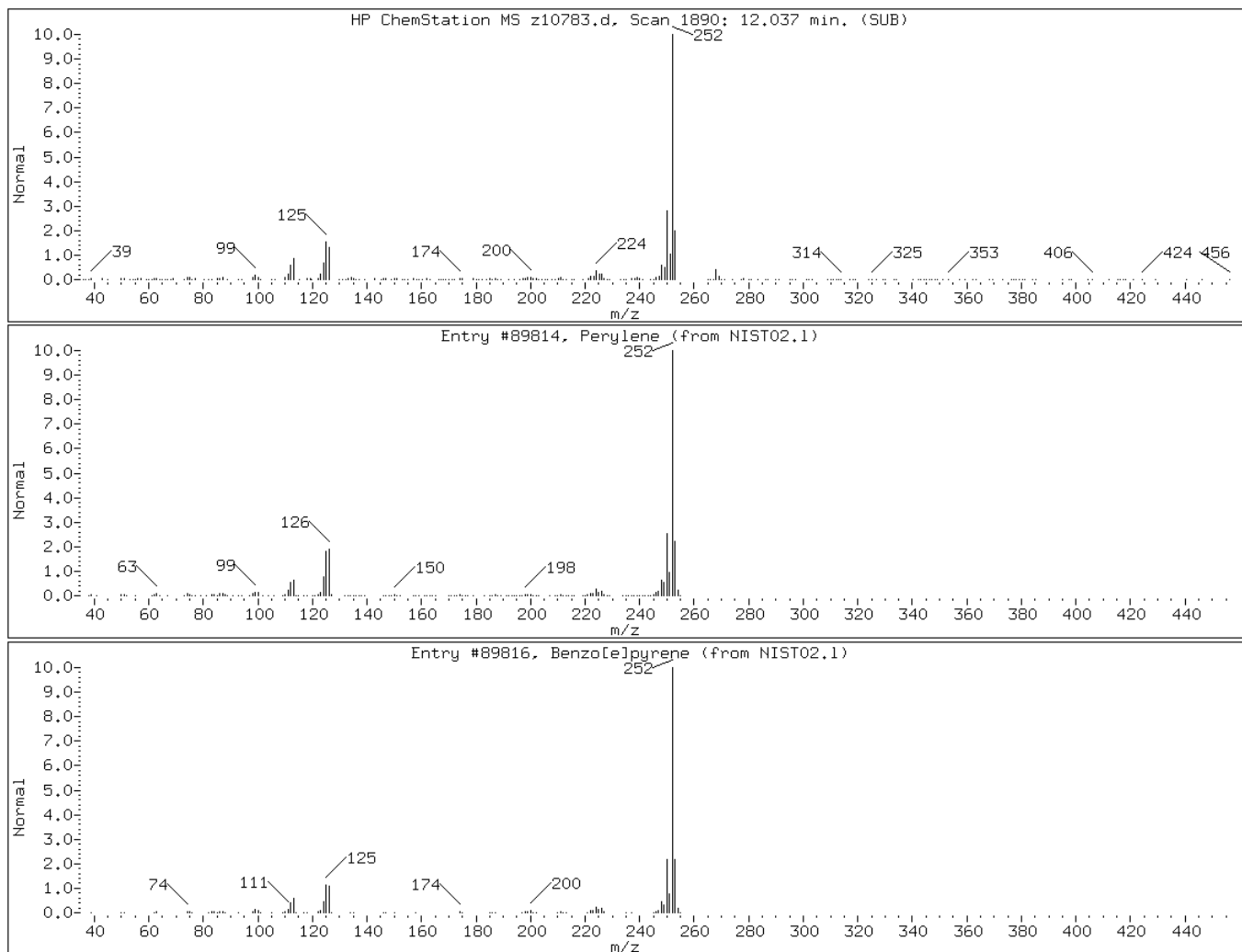
Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

Retention Time: 12.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Perylene	198-55-0	NIST02.1	89814	99	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.1	89816	98	C20H12	252



Data File: z10783.d

Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

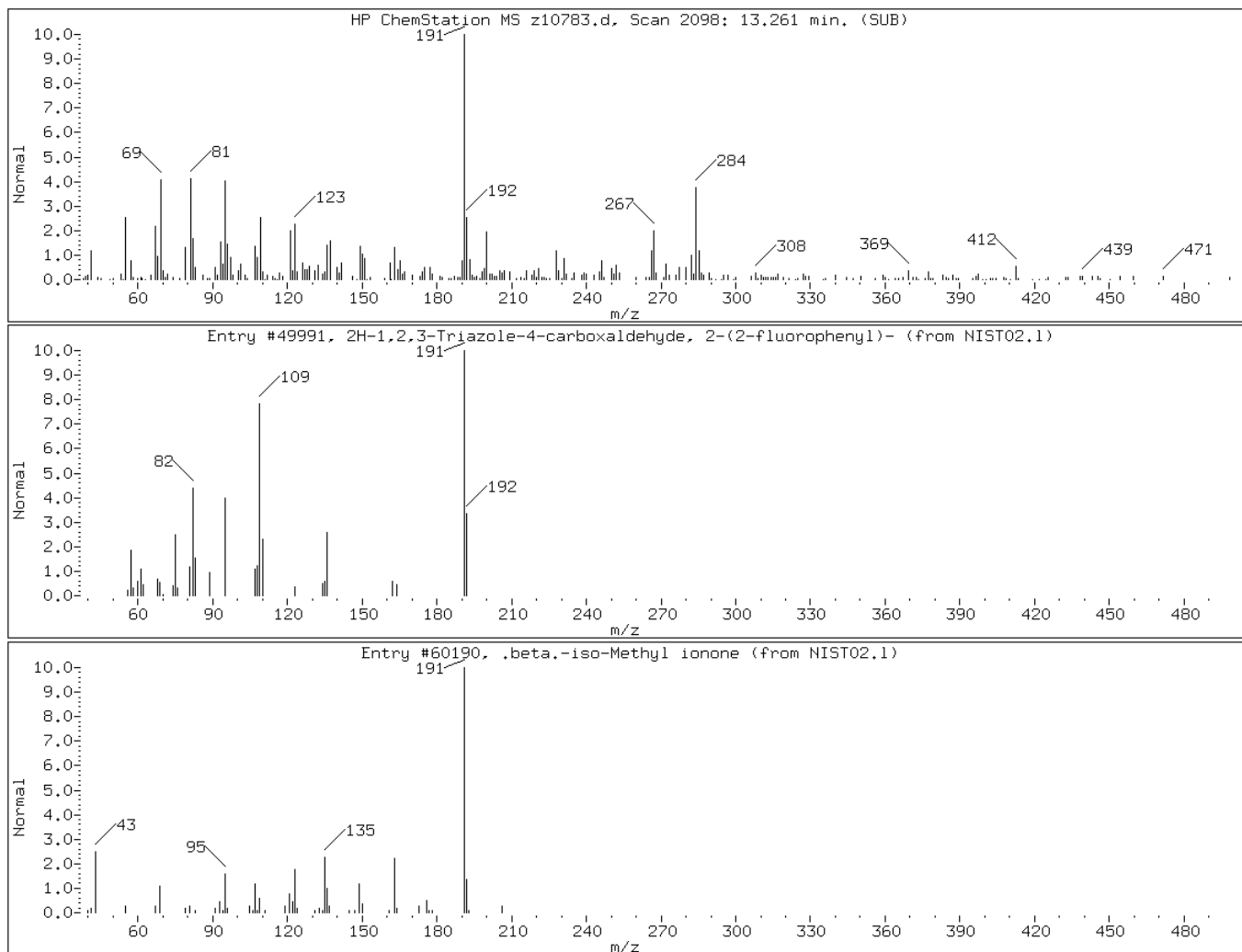
Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

Retention Time: 13.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2H-1,2,3-Triazole-4-carboxaldehyde	51306-43-5	NIST02.1	49991	46	C9H6FN3O	191
.beta.-iso-Methyl ionone	1000285-40-2	NIST02.1	60190	38	C14H22O	206



Data File: z10783.d

Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

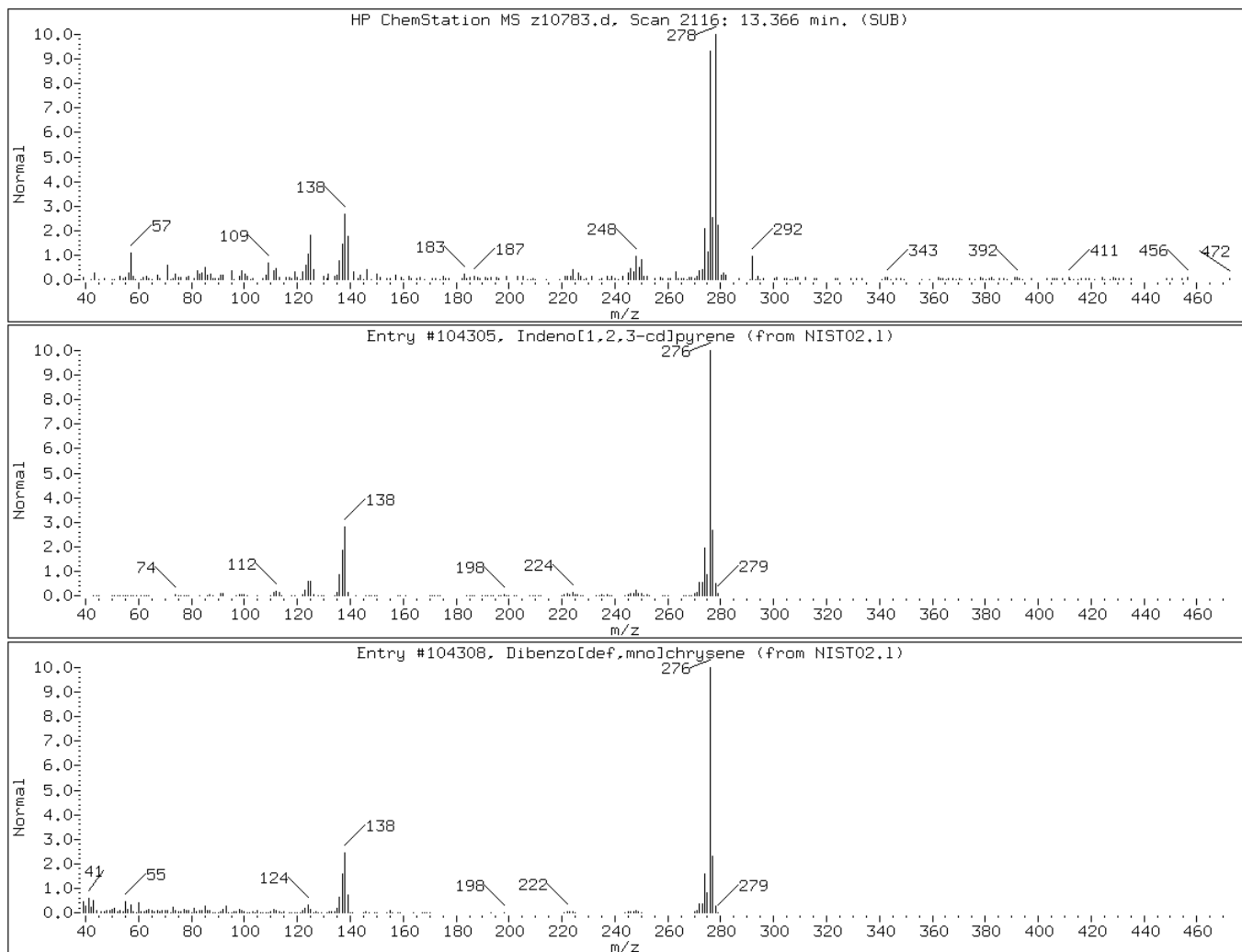
Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

Retention Time: 13.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH-2						
Indeno[1,2,3-cd]pyrene	193-39-5	NIST02.1	104305	86	C22H12	276
Dibenzo[def,mno]chrysene	191-26-4	NIST02.1	104308	86	C22H12	276



Data File: z10783.d

Date: 13-OCT-2011 19:22

Client ID: S0-17338-100511-MM-

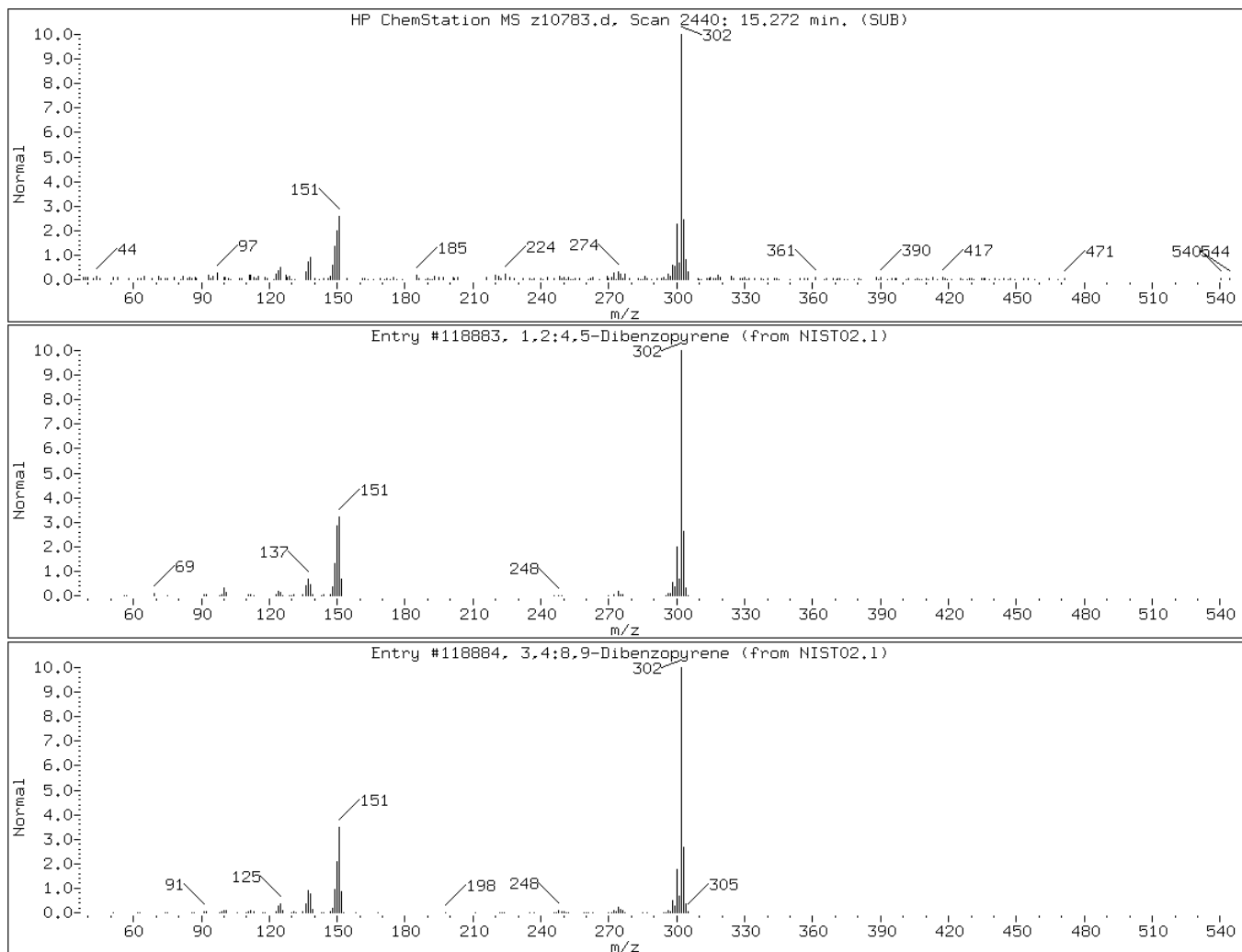
Instrument: BNAMS11.i

Sample Info: 460-32125-D-7-A

Operator: BNAMS 4

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C24H14 PAH						
1,2:4,5-Dibenzopyrene	192-65-4	NIST02.1	118883	95	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	NIST02.1	118884	93	C24H14	302



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100511-MM-147</u>	Lab Sample ID: <u>460-32125-8</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10769.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/05/2011 14:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/13/2011 13:31</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	40
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	47
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
98-86-2	Acetophenone	330	U	330	49
106-44-5	4-Methylphenol	330	U	330	54
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-83-2	2,4-Dichlorophenol	330	U	330	53
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	41
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	55
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	96
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	1,1'-Biphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
131-11-3	Dimethyl phthalate	330	U	330	45
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
51-28-5	2,4-Dinitrophenol	1000	U	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8

Matrix: Solid Lab File ID: z10769.d

Analysis Method: 8270C Date Collected: 10/05/2011 14:00

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 13:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.6
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
1912-24-9	Atrazine	330	U	330	62
87-86-5	Pentachlorophenol	1000	U	1000	160
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	52
84-74-2	Di-n-butyl phthalate	370		330	50
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	38
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: z10769.d
Analysis Method: 8270C Date Collected: 10/05/2011 14:00
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 13:31
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	79		10-120
321-60-8	2-Fluorobiphenyl	79		40-109
367-12-4	2-Fluorophenol (Surr)	75		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	81		38-105
4165-62-2	Phenol-d5 (Surr)	74		41-118
1718-51-0	Terphenyl-d14 (Surr)	82		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: z10769.d
Analysis Method: 8270C Date Collected: 10/05/2011 14:00
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 13:31
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10769.d
 Report Date: 13-Oct-2011 23:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10769.d
 Lab Smp Id: 460-32125-D-8-A Client Smp ID: FB-17338-100511-MM-
 Inj Date : 13-OCT-2011 13:31
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32125-D-8-A
 Misc Info : 460-32125-D-8-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $Amt * DF * Uf * 1000 * Vt / (Ws * (100 - M) / 100) * CpdVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)		112	2.250	2.214	(0.653)	1453632	74.8152	5000
\$ 17 Phenol-d5 (SUR)		99	3.120	3.132	(0.906)	1694032	74.1543	4900
* 79 1,4-Dichlorobenzene-d4		152	3.444	3.449	(1.000)	564172	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.020	4.032	(0.847)	847787	40.4516	2700
* 80 Naphthalene-d8		136	4.744	4.755	(1.000)	2024720	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.849	5.855	(0.900)	1316953	39.4478	2600
* 82 Acenaphthene-d10		164	6.496	6.496	(1.000)	923859	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.267	7.273	(1.119)	316778	79.2564	5300
* 83 Phenanthrene-d10		188	7.932	7.937	(1.000)	1129167	40.0000	
55 Di-n-butylphthalate		149	8.555	8.561	(1.079)	198190	5.55175	370(H)
\$ 78 Terphenyl-d14		244	9.502	9.508	(0.904)	756814	40.9025	2700
* 81 Chrysene-d12		240	10.514	10.519	(1.000)	635165	40.0000	
* 84 Perylene-d12		264	12.167	12.166	(1.000)	536684	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10769.d
Report Date: 13-Oct-2011 23:40

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10769.d
Report Date: 13-Oct-2011 23:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10769.d
Lab Smp Id: 460-32125-D-8-A Client Smp ID: FB-17338-100511-MM-
Inj Date : 13-OCT-2011 13:31
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-32125-D-8-A
Misc Info : 460-32125-D-8-A
Comment :
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Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10769.d

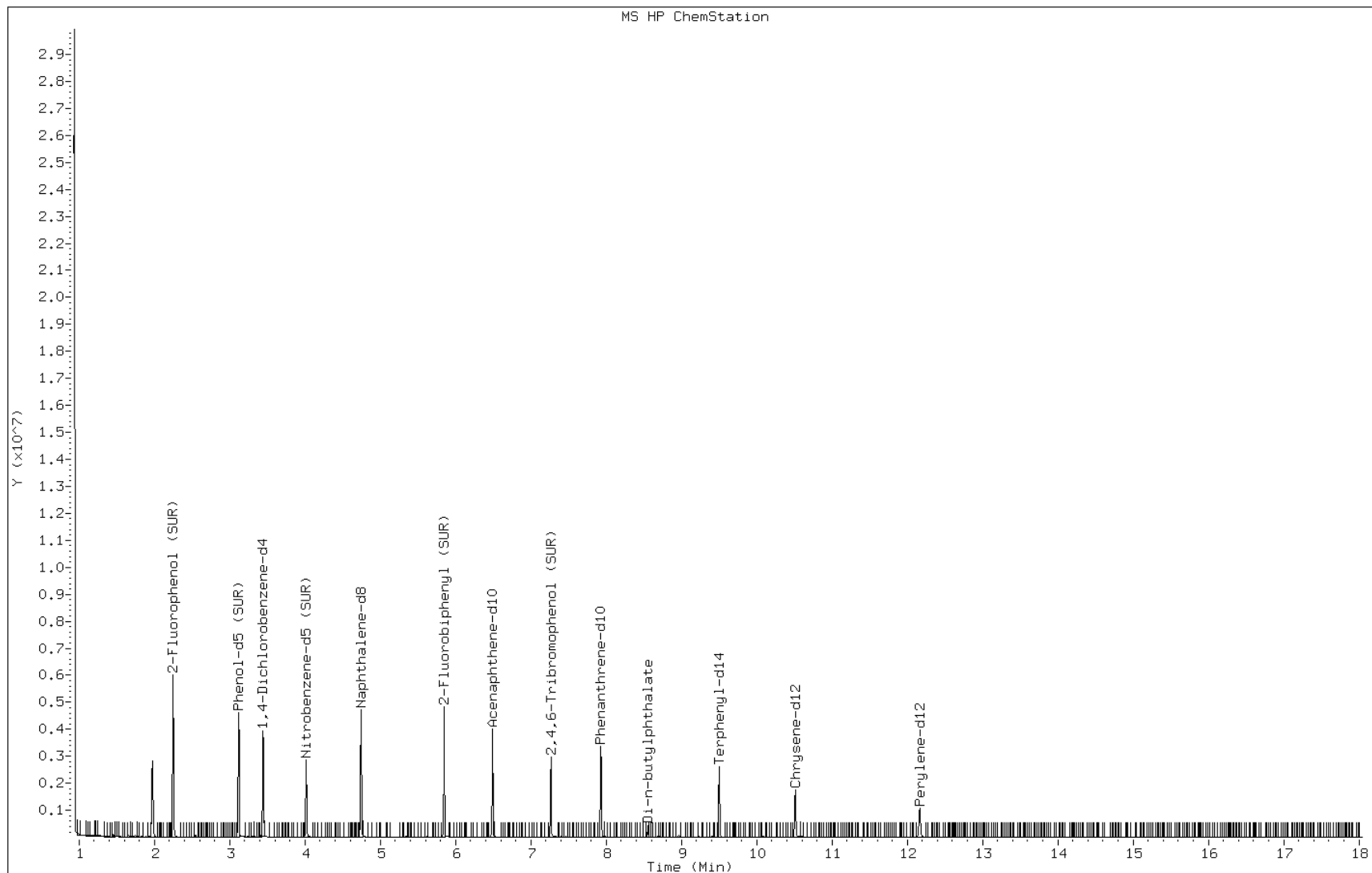
Date: 13-OCT-2011 13:31

Client ID: FB-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-8-A

Operator: BNAMS 4



Data File: z10769.d

Date: 13-OCT-2011 13:31

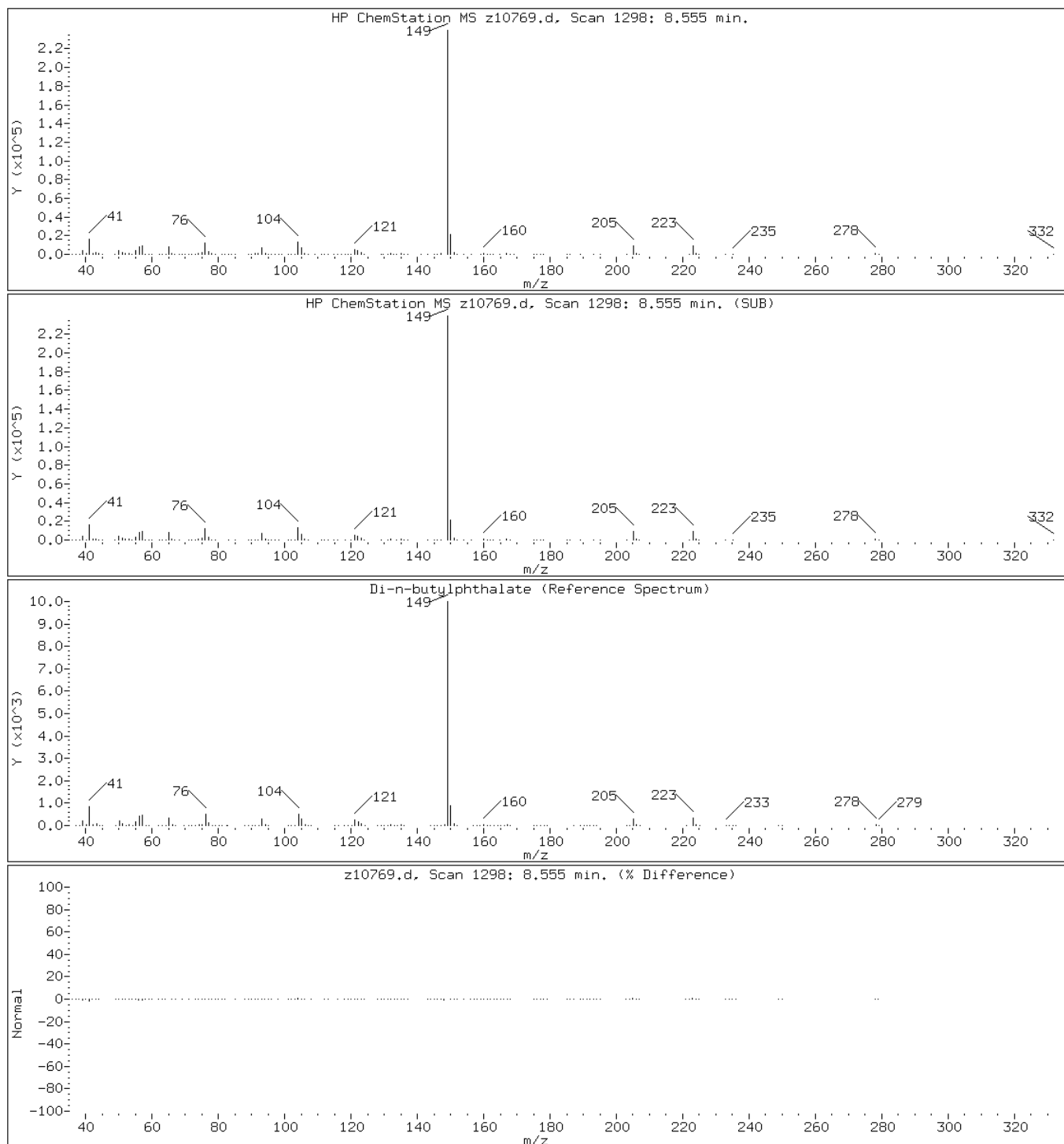
Client ID: FB-17338-100511-MM-

Instrument: BNAMS11.i

Sample Info: 460-32125-D-8-A

Operator: BNAMS 4

55 Di-n-butylphthalate



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6575	0.6370	0.6570	0.6502	0.6351	Ave		0.6474			0.0500	1.7		30.0			
N-Nitrosodimethylamine	0.8306	0.8337	0.8460	0.8259	0.8190	Ave		0.8311			0.0500	1.2		30.0			
Pyridine	1.5462	1.5500	1.5302	1.4466	1.4428	Ave		1.5032			0.0500	3.6		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1840	+++++	+++++	Ave		0.1840			0.0500			30.0			
Benzaldehyde	1.0004	0.4721	0.6504	0.1843	0.0446	Ave		0.4704			0.0500	80.7	*	30.0			
Aniline	1.9849	1.9478	1.9768	1.8543	1.7405	Ave		1.9009			0.0500	5.4		30.0			
Phenol	1.9450	1.7638	1.6758	1.6376	1.7106	Ave		1.7466			0.0500	6.9		30.0			
Bis(2-chloroethyl)ether	1.2927	1.3003	1.3457	1.3170	1.4593	Ave		1.3430			0.0500	5.1		30.0			
2-Chlorophenol	1.5172	1.4330	1.3697	1.3214	1.3091	Ave		1.3901			0.0500	6.2		30.0			
n-Decane	1.4175	1.3607	1.2816	1.1984	1.1580	Ave		1.2832			0.0500	8.4		30.0			
1,3-Dichlorobenzene	1.6109	1.5636	1.6284	1.6327	1.6540	Ave		1.6179			0.0500	2.1		30.0			
1,4-Dichlorobenzene	1.6163	1.5891	1.6701	1.6527	1.6797	Ave		1.6416			0.0500	2.3		30.0			
Benzyl alcohol	0.7510	0.7969	0.7022	0.7897	0.7594	Ave		0.7598			0.0500	5.0		30.0			
1,2-Dichlorobenzene	1.5150	1.4713	1.5143	1.5478	1.5489	Ave		1.5195			0.0500	2.1		30.0			
2,2'-oxybis[1-chloropropane]	1.6342	1.4652	1.4172	1.2991	1.2494	Ave		1.4130			0.0500	10.7		30.0			
2-Methylphenol	1.2440	1.1609	1.1420	1.1011	1.1101	Ave		1.1516			0.0500	4.9		30.0			
o-Toluidine	1.5473	1.5518	1.5385	1.4827	1.5571	Ave		1.5355			0.0500	2.0		30.0			
Acetophenone	1.9390	1.8457	1.7846	1.7527	1.7772	Ave		1.8198			0.0500	4.1		30.0			
N-Nitrosodi-n-propylamine	0.9112	0.8800	0.8531	0.8603	0.8488	Ave		0.8707			0.0500	2.9		30.0			
3 & 4 Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
4-Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
Hexachloroethane	0.6487	0.6202	0.6398	0.6324	0.6260	Ave		0.6334			0.0500	1.8		30.0			
Nitrobenzene	0.5101	0.5470	0.5723	0.5484	0.5384	Ave		0.5433			0.0500	4.1		30.0			
n,n'-Dimethylaniline	1.6197	2.0124	2.0532	2.0149	2.0298	Ave		1.9460			0.0500	9.4		30.0			
Isophorone	0.6472	0.6174	0.6377	0.5948	0.5980	Ave		0.6190			0.0500	3.8		30.0			
2-Nitrophenol	0.2044	0.1933	0.1978	0.1954	0.2003	Ave		0.1983			0.0500	2.2		30.0			
2,4-Dimethylphenol	0.3226	0.3101	0.2999	0.2974	0.2962	Ave		0.3053			0.0500	3.7		30.0			
Bis(2-chloroethoxy)methane	0.3925	0.3729	0.3905	0.3805	0.3795	Ave		0.3832			0.0500	2.1		30.0			
2,4-Dichlorophenol	0.2748	0.2666	0.2675	0.2631	0.2671	Ave		0.2678			0.0500	1.6		30.0			
1,2,4-Trichlorobenzene	0.3293	0.3048	0.3171	0.3162	0.3192	Ave		0.3173			0.0500	2.7		30.0			
Naphthalene	1.0664	1.0447	1.1261	1.1226	1.1333	Ave		1.0986			0.0500	3.7		30.0			
4-Chloroaniline	0.3939	0.3772	0.3965	0.3802	0.3768	Ave		0.3849			0.0500	2.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1996	0.1872	0.1928	0.1927	0.1919	Ave		0.1928			0.0500	2.3		30.0			
Caprolactam	0.0906	0.0833	0.0787	0.0742	0.0790	Ave		0.0812			0.0500	7.6		30.0			
4-Chloro-3-methylphenol	0.2898	0.2775	0.2863	0.2660	0.2651	Ave		0.2770			0.0500	4.1		30.0			
2-Methylnaphthalene	0.6492	0.6200	0.6701	0.6607	0.6672	Ave		0.6534			0.0500	3.1		30.0			
1-Methylnaphthalene	0.6661	0.6568	0.6808	0.6746	0.6755	Ave		0.6708			0.0500	1.4		30.0			
Hexachlorocyclopentadiene	0.3022	0.3366	0.3714	0.3675	0.3661	Ave		0.3488			0.0500	8.5		30.0			
2,4,6-Trichlorophenol	0.3762	0.3654	0.3662	0.3673	0.3776	Ave		0.3705			0.0500	1.6		30.0			
2,4,5-Trichlorophenol	0.3920	0.3824	0.3768	0.3620	0.3761	Ave		0.3779			0.0500	2.9		30.0			
1,1'-Biphenyl	1.6904	1.6491	1.7012	1.7635	1.7056	Ave		1.7020			0.0500	2.4		30.0			
2-Chloronaphthalene	1.1849	1.1621	1.2184	1.2362	1.2130	Ave		1.2029			0.0500	2.4		30.0			
Phenyl ether	0.8454	0.8222	0.8660	0.8733	0.8647	Ave		0.8543			0.0500	2.4		30.0			
2-Nitroaniline	0.4342	0.4507	0.4009	0.3648	0.3426	Ave		0.3986			0.0500	11.4		30.0			
Dimethyl phthalate	1.2310	1.1643	1.2227	1.2136	1.2062	Ave		1.2076			0.0500	2.1		30.0			
Coumarin	0.2013	0.1864	0.1933	0.1834	0.1899	Ave		0.1908			0.0500	3.6		30.0			
2,6-Dinitrotoluene	0.2708	0.2686	0.2828	0.2799	0.2781	Ave		0.2760			0.0500	2.2		30.0			
Acenaphthylene	1.9214	1.8514	1.9374	1.8930	1.8729	Ave		1.8952			0.0500	1.8		30.0			
3-Nitroaniline	0.3024	0.2819	0.3058	0.2906	0.2895	Ave		0.2940			0.0500	3.3		30.0			
Acenaphthene	1.1174	1.1178	1.1835	1.2274	1.1957	Ave		1.1684			0.0500	4.2		30.0			
2,4-Dinitrophenol	0.1077	0.1335	0.1477	0.1546	0.1573	Ave		0.1402			0.0500	14.5		30.0			
4-Nitrophenol	0.2381	0.2237	0.2366	0.2235	0.2274	Ave		0.2299			0.0500	3.1		30.0			
Dibenzofuran	1.5358	1.5166	1.6081	1.6261	1.5929	Ave		1.5759			0.0500	3.0		30.0			
2,4-Dinitrotoluene	0.3646	0.3387	0.3588	0.3516	0.3474	Ave		0.3522			0.0500	2.9		30.0			
Diethyl phthalate	1.2871	1.1925	1.2475	1.2353	1.2123	Ave		1.2349			0.0500	2.9		30.0			
Fluorene	1.2272	1.2085	1.3294	1.3113	1.2870	Ave		1.2727			0.0500	4.1		30.0			
4-Chlorophenyl phenyl ether	0.5834	0.5467	0.5797	0.5995	0.5879	Ave		0.5795			0.0500	3.4		30.0			
4-Nitroaniline	0.2834	0.2474	0.2464	0.2364	0.2322	Ave		0.2492			0.0500	8.1		30.0			
4,6-Dinitro-2-methylphenol	0.1125	0.1303	0.1339	0.1354	0.1413	Ave		0.1307			0.0500	8.3		30.0			
N-Nitrosodiphenylamine	0.6319	0.5616	0.6212	0.6295	0.6451	Ave		0.6179			0.0500	5.3		30.0			
1,2-Diphenylhydrazine	0.9108	1.1108	1.1642	1.1441	1.2370	Ave		1.1134			0.0500	11.0		30.0			
4-Bromophenyl phenyl ether	0.2348	0.2363	0.2457	0.2505	0.2589	Ave		0.2452			0.0500	4.1		30.0			
Hexachlorobenzene	0.2542	0.2594	0.2675	0.2708	0.2776	Ave		0.2659			0.0500	3.5		30.0			
Atrazine	0.2190	0.2106	0.1994	0.1989	0.1989	Ave		0.2035			0.0500	5.6		30.0			
Pentachlorophenol	0.1254	0.1423	0.1429	0.1485	0.1510	Ave		0.1420			0.0500	7.0		30.0			
Phenanthrene	1.1272	1.1268	1.1920	1.1640	1.1941	Ave		1.1608			0.0500	2.8		30.0			
Anthracene	1.1399	1.1467	1.2016	1.1828	1.2074	Ave		1.1757			0.0500	2.6		30.0			
Carbazole	0.9819	0.9200	0.9649	0.9392	0.9394	Ave		0.9491			0.0500	2.6		30.0			
Di-n-butyl phthalate	1.2863	1.2726	1.2976	1.3211	1.3015	Ave		1.2958			0.0500	1.4		30.0			
Fluoranthene	0.9844	0.9507	0.9854	0.9829	0.9498	Ave		0.9706			0.0500	1.9		30.0			
Benzidine	0.1384	0.1932	0.1352	0.0459	0.0318	Ave		0.1089			0.0500	62.6	*	30.0			
Pyrene	1.6278	1.5608	1.7755	1.6817	1.8168	Ave		1.6925			0.0500	6.2		30.0			
Butyl benzyl phthalate	0.7615	0.7432	0.7810	0.7914	0.7951	Ave		0.7744			0.0500	2.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.3925	0.3415	0.3709	0.3195	0.3040	Ave		0.3457			0.0500	10.5		30.0			
Benzo[a]anthracene	1.4861	1.1481	1.1902	1.1771	1.2109	Ave		1.2425			0.0500	11.1		30.0			
Chrysene	1.1314	1.1052	1.1670	1.1183	1.0665	Ave		1.1177			0.0500	3.3		30.0			
Bis(2-ethylhexyl) phthalate	0.9794	1.0085	1.0243	1.0924	1.0864	Ave		1.0382			0.0500	4.8		30.0			
Di-n-octyl phthalate	1.8507	1.9753	2.0490	2.1180	2.0796	Ave		2.0145			0.0500	5.2		30.0			
Benzo[b]fluoranthene	1.1775	1.1155	1.2080	1.2235	1.2248	Ave		1.1898			0.0500	3.8		30.0			
Benzo[k]fluoranthene	1.3493	1.3208	1.3690	1.3267	1.2964	Ave		1.3324			0.0500	2.1		30.0			
Benzo[a]pyrene	0.9450	0.9237	0.9944	0.9862	0.9902	Ave		0.9679			0.0500	3.3		30.0			
Indeno[1,2,3-cd]pyrene	0.6580	0.7200	0.8472	0.8861	0.8810	Ave		0.7985			0.0500	12.9		30.0			
Dibenz(a,h)anthracene	0.6840	0.7993	0.8818	0.8933	0.9075	Ave		0.8332			0.0500	11.2		30.0			
Benzo[g,h,i]perylene	0.7528	0.8062	0.8781	0.9090	0.9067	Ave		0.8506			0.0500	8.1		30.0			
2-Fluorophenol (Surr)	1.3983	1.4684	1.3544	1.2557	1.2835	Ave		1.3521			0.0500	6.4		30.0			
Phenol-d5 (Surr)	1.6709	1.6837	1.5915	1.5279	1.5908	Ave		1.6130			0.0500	4.0		30.0			
Nitrobenzene-d5 (Surr)	0.4093	0.4186	0.4168	0.4030	0.4024	Ave		0.4100			0.0500	1.8		30.0			
2-Fluorobiphenyl	1.3716	1.4461	1.4446	1.4758	1.4581	Ave		1.4393			0.0500	2.8		30.0			
2,4,6-Tribromophenol (Surr)	0.1866	0.1845	0.1879	0.1866	0.1845	Ave		0.1860			0.0500	0.8		30.0			
Terphenyl-d14 (Surr)	1.1148	1.1601	1.2296	1.2292	1.2846	Ave		1.2037			0.0500	5.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	39549	146923	390611	575682	886164	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	49966	192276	502922	731326	1142855	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	93008	357490	909691	1280897	2013239	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1236	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	60180	108891	386648	163193	62278	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	119397	449234	1175174	1641906	2428713	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	117001	406795	996279	1450023	2386994	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	7776	299892	799990	1166160	2036322	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	91266	330506	814279	1170003	1826753	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	85265	313830	761927	1061101	1615879	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	96901	360605	968107	1445653	2308014	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	97227	366504	992858	1463380	2343818	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	45178	183784	417441	699204	1059687	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	91131	339331	900275	1370485	2161379	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	98302	337918	842548	1150285	1743351	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	74829	267751	678928	974961	1549068	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	93078	357891	914658	1312826	2172787	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	116638	425685	1060956	1551924	2479860	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5481	202965	507137	761761	1184362	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3902	143034	380349	559925	873482	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	11214	451006	1170215	1671209	2577331	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	9743	464131	1220635	1784095	2832313	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	142272	508998	1303849	1812615	2862375	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	44932	159377	404531	595639	958997	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	70927	255648	613204	906400	1417926	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	86283	307431	798546	1159706	1816763	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	60414	219774	546982	801792	1278402	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	7238	251330	648381	963773	1527825	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	234424	861322	2302597	3421328	5424793	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	86585	311012	810662	1158732	1803635	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	8776	154376	394244	587162	918416	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	19913	68689	160918	226248	378384	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	63707	228816	585478	810513	1269108	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	142721	511123	1370247	2013641	3193526	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	146432	541525	1392127	2055962	3233479	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	31840	127692	349824	499374	805045	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	39632	138594	344883	499099	830378	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	41299	145067	354838	491883	827164	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	178086	625550	1602236	2396190	3750742	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	124829	440816	1147544	1679713	2667503	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	89063	311896	815637	1186617	1901546	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	91479	170980	377608	495621	753333	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	129684	441674	1151562	1649066	2652428	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	44255	153636	395231	558775	908943	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5706	101888	266315	380257	611619	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	202418	702295	1824701	2572159	4118590	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	63711	106940	288040	394873	636630	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	117719	424019	1114642	1667752	2629491	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	34052	75970	139126	210038	346000	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	75240	127312	222878	303627	500069	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	161802	575294	1514564	2209510	3502965	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	7682	128478	337958	477790	763995	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	135596	452350	1174906	1678563	2665938	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	129285	458420	1252081	1781829	2830301	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	61463	207393	545960	814577	1292901	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	59715	93830	232065	321240	510687	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	50149	96922	167633	242376	391409	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	93882	278497	777713	1127131	1787644	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	135309	550877	1457562	2048547	3427846	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	34880	117201	307620	448473	717403	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3777	128666	334910	484806	769184	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	32541	104433	249635	356221	525844	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	55883	105887	178933	265821	418541	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	167466	558802	1492294	2084154	3308767	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	169348	568674	1504332	2117856	3345786	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	145870	456260	1208057	1681676	2603125	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	191104	631093	1624505	2365459	3606495	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	146240	471488	1233704	1759867	2631857	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	41134	143696	169235	82227	88101	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	145925	457501	1192748	1690783	2525196	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	68264	217855	524634	795690	1105141	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	70373	150156	249153	321234	422534	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	13322	336541	799553	1183448	1683048	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	101423	323952	783958	1124321	1482361	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	87793	295605	688118	1098280	1510080	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	124738	417956	940721	1485433	1981094	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	7936	236027	554622	858074	1166787	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	9094	279479	628548	930503	1234983	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	6369	195442	456563	691674	943301	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4435	152350	388966	621458	839304	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4610	169124	404858	626513	864546	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	50736	170589	403162	637516	863808	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	84110	338660	805209	1111873	1790945	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	100512	388322	946152	1352900	2219747	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	89981	345097	852177	1228125	1925980	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	144501	548566	1360567	2005235	3206524	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	19659	69969	176947	253515	405740	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	99930	340060	826057	1235832	1785502	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 26-SEP-2011 10:59
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:36 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 3

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.246	1.246	(0.329)	390611	50.0000	50
19 N-Nitrosodimethylamine		74	1.452	1.452	(0.384)	502922	50.0000	50
71 Pyridine		79	1.469	1.469	(0.389)	909691	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522	(0.667)	805209	50.0000	50
110 Benzaldehyde		77	3.334	3.334	(0.882)	386648	50.0000	50
\$ 17 Phenol-d5 (SUR)		99	3.451	3.451	(0.913)	946152	50.0000	50
1 Phenol		94	3.469	3.469	(0.918)	996279	50.0000	50
73 Aniline		93	3.451	3.451	(0.913)	1175174	50.0000	50
20 bis(2-Chloroethyl)ether		93	3.528	3.528	(0.933)	799990	50.0000	50
2 2-Chlorophenol		128	3.581	3.581	(0.947)	814279	50.0000	50
113 n-decane		43	3.646	3.646	(0.964)	761927	50.0000	50
21 1,3-Dichlorobenzene		146	3.728	3.728	(0.986)	968107	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781	(1.000)	475597	40.0000	
22 1,4-Dichlorobenzene		146	3.798	3.798	(1.005)	992858	50.0000	50
74 Benzyl Alcohol		108	3.946	3.946	(1.044)	417441	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	900275	50.0000	50
3 2-Methylphenol	108	4.081	4.081	(1.079)	678928	50.0000	50
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.079)	842548	50.0000	50
122 o-Toluidine	107	4.198	4.198	(1.110)	914658	50.0000	50
104 Acetophenone	105	4.210	4.210	(1.114)	1060956	50.0000	50
4 4-Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
121 3 & 4 Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
25 N-Nitroso-di-n-propylamine	70	4.228	4.228	(1.118)	507137	50.0000	50(H)
26 Hexachloroethane	117	4.298	4.298	(1.137)	380349	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.357	4.357	(0.859)	852177	50.0000	50
107 N,N-Dimethylaniline	120	4.387	4.387	(1.160)	1220635	50.0000	50
27 Nitrobenzene	77	4.381	4.381	(0.863)	1170215	50.0000	50
28 Isophorone	82	4.628	4.628	(0.912)	1303849	50.0000	50
5 2-Nitrophenol	139	4.698	4.698	(0.926)	404531	50.0000	50
6 2,4-Dimethylphenol	122	4.775	4.775	(0.941)	613204	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.857	4.857	(0.957)	798546	50.0000	50
7 2,4-Dichlorophenol	162	4.951	4.951	(0.976)	546982	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.991)	648381	50.0000	50
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1635812	40.0000	
31 Naphthalene	128	5.098	5.098	(1.005)	2302597	50.0000	50
32 4-Chloroaniline	127	5.163	5.163	(1.017)	810662	50.0000	50
33 Hexachlorobutadiene	225	5.240	5.240	(1.032)	394244	50.0000	50
111 Caprolactam	113	5.551	5.551	(1.094)	160918	50.0000	50
8 4-Chloro-3-methylphenol	107	5.687	5.687	(1.121)	585478	50.0000	50
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	1370247	50.0000	50
120 1-Methylnaphthalene	142	5.892	5.892	(1.161)	1392127	50.0000	50
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	349824	50.0000	50
9 2,4,6-Trichlorophenol	196	6.092	6.092	(0.893)	344883	50.0000	50
10 2,4,5-Trichlorophenol	196	6.134	6.134	(0.899)	354838	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	1360567	50.0000	50
102 Diphenyl	154	6.263	6.263	(0.918)	1602236	50.0000	50
36 2-Chloronaphthalene	162	6.275	6.275	(0.920)	1147544	50.0000	50
103 Diphenyl Ether	170	6.369	6.369	(0.934)	815637	50.0000	50
37 2-Nitroaniline	65	6.392	6.392	(0.937)	377608	50.0000	50
38 Dimethylphthalate	163	6.586	6.586	(0.966)	1151562	50.0000	50
114 Coumarin	146	6.592	6.592	(1.299)	395231	50.0000	50
40 2,6-Dinitrotoluene	165	6.639	6.639	(0.973)	266315	50.0000	50
39 Acenaphthylene	152	6.681	6.681	(0.979)	1824701	50.0000	50
41 3-Nitroaniline	138	6.798	6.798	(0.997)	288040	50.0000	50
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	753456	40.0000	
42 Acenaphthene	154	6.857	6.857	(1.005)	1114642	50.0000	50
11 2,4-Dinitrophenol	184	6.904	6.904	(1.012)	139126	50.0000	50
12 4-Nitrophenol	65	6.998	6.998	(1.026)	222878	50.0000	50
44 2,4-Dinitrotoluene	165	7.034	7.034	(1.031)	337958	50.0000	50
43 Dibenzofuran	168	7.028	7.028	(1.030)	1514564	50.0000	50
45 Diethylphthalate	149	7.281	7.281	(1.067)	1174906	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	545960	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.363	7.363	(1.079)	1252081	50.0000	50
48 4-Nitroaniline	138	7.404	7.404	(1.085)	232065	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.434	7.434	(0.899)	167633	50.0000	50
49 N-Nitrosodiphenylamine	169	7.492	7.492	(0.906)	777713	50.0000	50
75 1,2-Diphenylhydrazine	77	7.528	7.528	(0.910)	1457562	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.598	7.598	(1.114)	176947	50.0000	50
50 4-Bromophenyl-phenylether	248	7.845	7.845	(0.949)	307620	50.0000	50
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	334910	50.0000	50
112 Atrazine	200	8.028	8.028	(0.971)	249635	50.0000	50
14 Pentachlorophenol	266	8.104	8.104	(0.980)	178933	50.0000	50
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	1001558	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.004)	1492294	50.0000	50
53 Anthracene	178	8.345	8.345	(1.009)	1504332	50.0000	50
54 Carbazole	167	8.510	8.510	(1.029)	1208057	50.0000	50
55 Di-n-butylphthalate	149	8.875	8.875	(1.073)	1624505	50.0000	50
56 Fluoranthene	202	9.451	9.451	(1.143)	1233704	50.0000	50
58 Benzidine	184	9.592	9.592	(1.160)	169235	50.0000	50
57 Pyrene	202	9.669	9.669	(0.886)	1192748	50.0000	50
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	826057	50.0000	50
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	524634	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.416	10.416	(0.955)	1236	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	249153	50.0000	50
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	799553	50.0000	50
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	537430	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	688118	50.0000	50
62 Chrysene	228	10.939	10.939	(1.003)	783958	50.0000	50
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	940721	50.0000	50
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	554622	50.0000	50
66 Benzo(k)fluoranthene	252	12.216	12.216	(0.965)	628548	50.0000	50
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	456563	50.0000	50
* 84 Perylene-d12	264	12.663	12.663	(1.000)	367293	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.033	14.033	(1.108)	388966	50.0000	50
69 Dibenz(a,h)anthracene	278	14.068	14.068	(1.111)	404858	50.0000	50
70 Benzo(g,h,i)perylene	276	14.374	14.374	(1.135)	403162	50.0000	50

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z10238.d

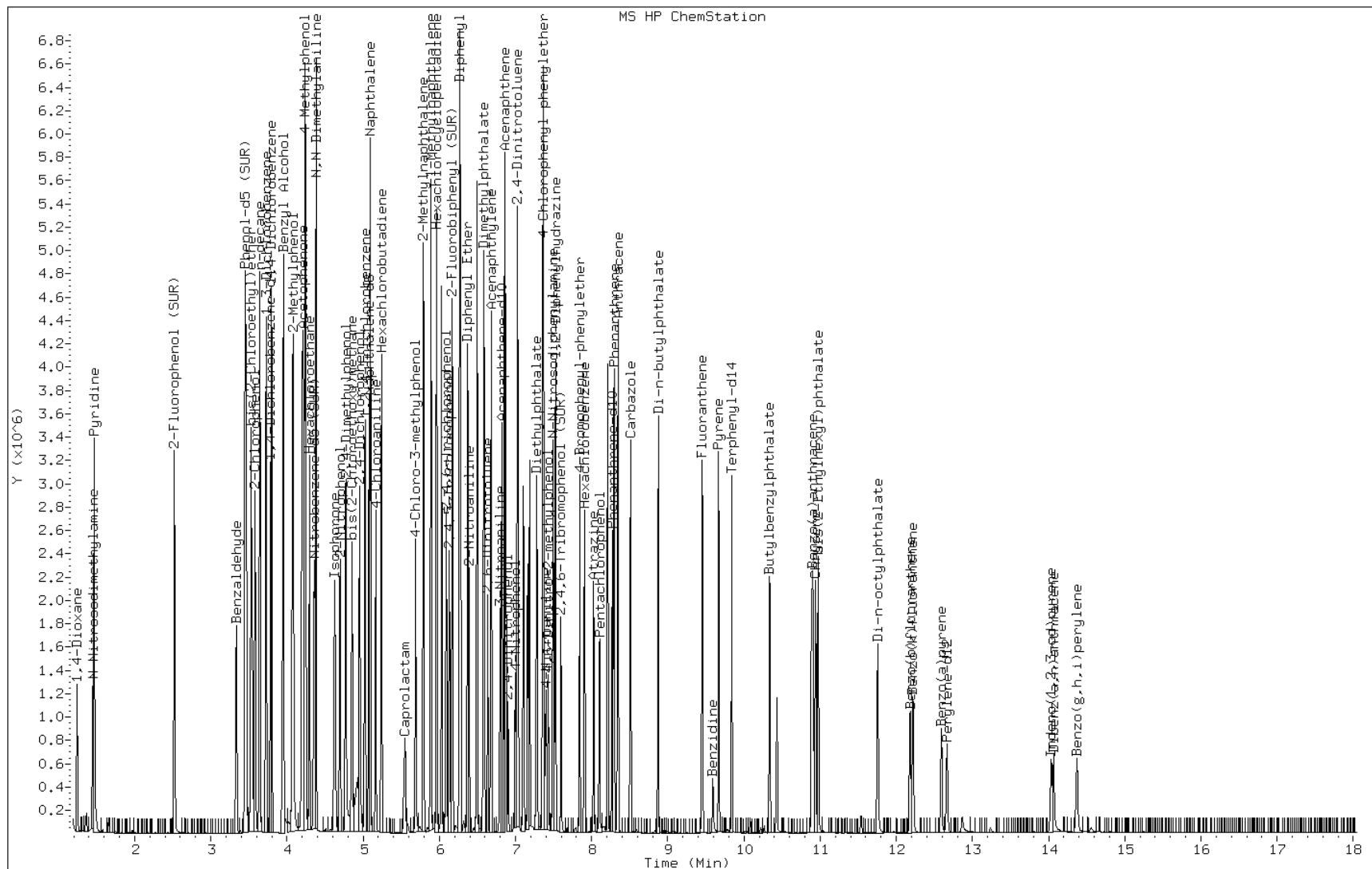
Date: 26-SEP-2011 10:59

Client ID:

Instrument: BNAMS11.i

Sample Info: ICIS-1143618

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Lab Smp Id: IC-1143620
 Inj Date : 26-SEP-2011 11:35
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120 ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.316	1.316 (0.347)		886164	120.000	120(H)
19 N-Nitrosodimethylamine		74	1.557	1.557 (0.411)		1142855	120.000	120(H)
71 Pyridine		79	1.581	1.581 (0.417)		2013239	120.000	110(H)
\$ 16 2-Fluorophenol (SUR)		112	2.575	2.575 (0.679)		1790945	120.000	110
110 Benzaldehyde		77	3.351	3.351 (0.884)		62278	120.000	9.5
\$ 17 Phenol-d5 (SUR)		99	3.487	3.487 (0.919)		2219747	120.000	120
1 Phenol		94	3.498	3.498 (0.922)		2386994	120.000	120
73 Aniline		93	3.475	3.475 (0.916)		2428713	120.000	110
20 bis(2-Chloroethyl)ether		93	3.557	3.557 (0.938)		2036322	120.000	130(A)
2 2-Chlorophenol		128	3.604	3.604 (0.950)		1826753	120.000	110
113 n-decane		43	3.657	3.657 (0.964)		1615879	120.000	110
21 1,3-Dichlorobenzene		146	3.745	3.745 (0.988)		2308014	120.000	120(A)
* 79 1,4-Dichlorobenzene-d4		152	3.792	3.792 (1.000)		465129	40.0000	
22 1,4-Dichlorobenzene		146	3.816	3.816 (1.006)		2343818	120.000	120(A)
74 Benzyl Alcohol		108	3.969	3.969 (1.047)		1059687	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.963	3.963	(1.045)	2161379	120.000	120(A)
3 2-Methylphenol	108	4.098	4.098	(1.081)	1549068	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.087	4.087	(1.078)	1743351	120.000	100
122 o-Toluidine	107	4.210	4.210	(1.110)	2172787	120.000	120(A)
104 Acetophenone	105	4.234	4.234	(1.116)	2479860	120.000	120
4 4-Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
121 3 & 4 Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.251	4.251	(1.121)	1184362	120.000	120(M)
26 Hexachloroethane	117	4.304	4.304	(1.135)	873482	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	4.381	4.381	(0.862)	1925980	120.000	120
107 N,N-Dimethylaniline	120	4.404	4.404	(1.161)	2832313	120.000	130(A)
27 Nitrobenzene	77	4.404	4.404	(0.867)	2577331	120.000	120
28 Isophorone	82	4.651	4.651	(0.915)	2862375	120.000	110
5 2-Nitrophenol	139	4.710	4.710	(0.927)	958997	120.000	120
6 2,4-Dimethylphenol	122	4.787	4.787	(0.942)	1417926	120.000	120
29 bis(2-Chloroethoxy)methane	93	4.869	4.869	(0.958)	1816763	120.000	120
7 2,4-Dichlorophenol	162	4.969	4.969	(0.978)	1278402	120.000	120
30 1,2,4-Trichlorobenzene	180	5.034	5.034	(0.991)	1527825	120.000	120
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1595601	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	5424793	120.000	120(A)
32 4-Chloroaniline	127	5.175	5.175	(1.019)	1803635	120.000	120
33 Hexachlorobutadiene	225	5.245	5.245	(1.032)	918416	120.000	120
111 Caprolactam	113	5.616	5.616	(1.105)	378384	120.000	110(H)
8 4-Chloro-3-methylphenol	107	5.710	5.710	(1.124)	1269108	120.000	110
34 2-Methylnaphthalene	142	5.804	5.804	(1.142)	3193526	120.000	120(A)
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	3233479	120.000	120(A)
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	805045	120.000	130(A)
9 2,4,6-Trichlorophenol	196	6.104	6.104	(0.894)	830378	120.000	120(A)
10 2,4,5-Trichlorophenol	196	6.151	6.151	(0.901)	827164	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.181	(0.905)	3206524	120.000	120(A)
102 Diphenyl	154	6.275	6.275	(0.919)	3750742	120.000	120(A)
36 2-Chloronaphthalene	162	6.286	6.286	(0.921)	2667503	120.000	120(A)
103 Diphenyl Ether	170	6.381	6.381	(0.935)	1901546	120.000	120(A)
37 2-Nitroaniline	65	6.404	6.404	(0.938)	753333	120.000	100
38 Dimethylphthalate	163	6.598	6.598	(0.966)	2652428	120.000	120
114 Coumarin	146	6.610	6.610	(1.301)	908943	120.000	120
40 2,6-Dinitrotoluene	165	6.651	6.651	(0.974)	611619	120.000	120(A)
39 Acenaphthylene	152	6.692	6.692	(0.980)	4118590	120.000	120
41 3-Nitroaniline	138	6.816	6.816	(0.998)	636630	120.000	120
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	733022	40.0000	
42 Acenaphthene	154	6.869	6.869	(1.006)	2629491	120.000	120(A)
11 2,4-Dinitrophenol	184	6.922	6.922	(1.014)	346000	120.000	140(A)
12 4-Nitrophenol	65	7.022	7.022	(1.028)	500069	120.000	120
44 2,4-Dinitrotoluene	165	7.057	7.057	(1.034)	763995	120.000	120
43 Dibenzofuran	168	7.039	7.039	(1.031)	3502965	120.000	120(A)
45 Diethylphthalate	149	7.292	7.292	(1.068)	2665938	120.000	120
46 4-Chlorophenyl-phenylether	204	7.381	7.381	(1.081)	1292901	120.000	120(A)

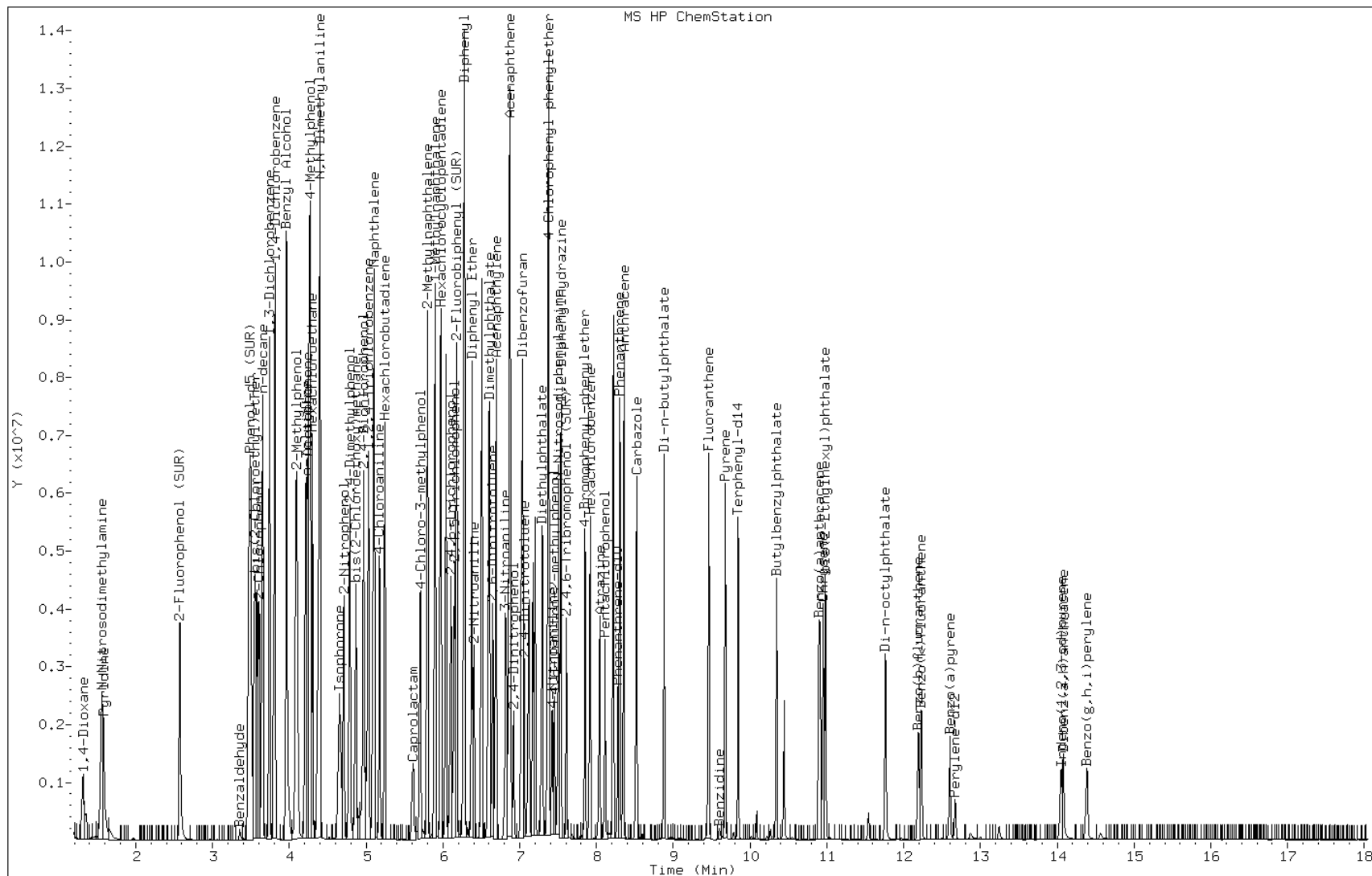
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.375	7.375	(1.080)	2830301	120.000	120(A)
48 4-Nitroaniline	138	7.428	7.428	(1.088)	510687	120.000	110
13 4,6-Dinitro-2-methylphenol	198	7.451	7.451	(0.900)	391409	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.504	7.504	(0.906)	1787644	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.539	7.539	(0.910)	3427846	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.610	7.610	(1.115)	405740	120.000	120
50 4-Bromophenyl-phenylether	248	7.857	7.857	(0.949)	717403	120.000	130(A)
51 Hexachlorobenzene	284	7.916	7.916	(0.956)	769184	120.000	120(A)
112 Atrazine	200	8.045	8.045	(0.972)	525844	120.000	110
14 Pentachlorophenol	266	8.110	8.110	(0.979)	418541	120.000	130(A)
* 83 Phenanthrene-d10	188	8.280	8.280	(1.000)	923671	40.0000	
52 Phenanthrene	178	8.304	8.304	(1.003)	3308767	120.000	120(A)
53 Anthracene	178	8.357	8.357	(1.009)	3345786	120.000	120(A)
54 Carbazole	167	8.522	8.522	(1.029)	2603125	120.000	120
55 Di-n-butylphthalate	149	8.880	8.880	(1.072)	3606495	120.000	120(A)
56 Fluoranthene	202	9.463	9.463	(1.143)	2631857	120.000	120
58 Benzidine	184	9.604	9.604	(1.160)	88101	120.000	37
57 Pyrene	202	9.680	9.680	(0.887)	2525196	120.000	120(A)
\$ 78 Terphenyl-d14	244	9.845	9.845	(0.902)	1785502	120.000	130(A)
59 Butylbenzylphthalate	149	10.345	10.345	(0.948)	1105141	120.000	120(A)
60 3,3'-Dichlorobenzidine	252	10.892	10.892	(0.998)	422534	120.000	100(A)
61 Benzo(a)anthracene	228	10.904	10.904	(0.999)	1683048	120.000	110
* 81 Chrysene-d12	240	10.916	10.916	(1.000)	463311	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.980	10.980	(1.006)	1510080	120.000	130(A)
62 Chrysene	228	10.951	10.951	(1.003)	1482361	120.000	110
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1981094	120.000	120(A)
65 Benzo(b)fluoranthene	252	12.198	12.198	(0.963)	1166787	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.233	12.233	(0.966)	1234983	120.000	120
67 Benzo(a)pyrene	252	12.604	12.604	(0.995)	943301	120.000	120(A)
* 84 Perylene-d12	264	12.668	12.668	(1.000)	317549	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.051	14.051	(1.109)	839304	120.000	130(A)
69 Dibenz(a,h)anthracene	278	14.080	14.080	(1.111)	864546	120.000	130(A)
70 Benzo(g,h,i)perylene	276	14.386	14.386	(1.136)	863808	120.000	130(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Operator: BNAMS 4

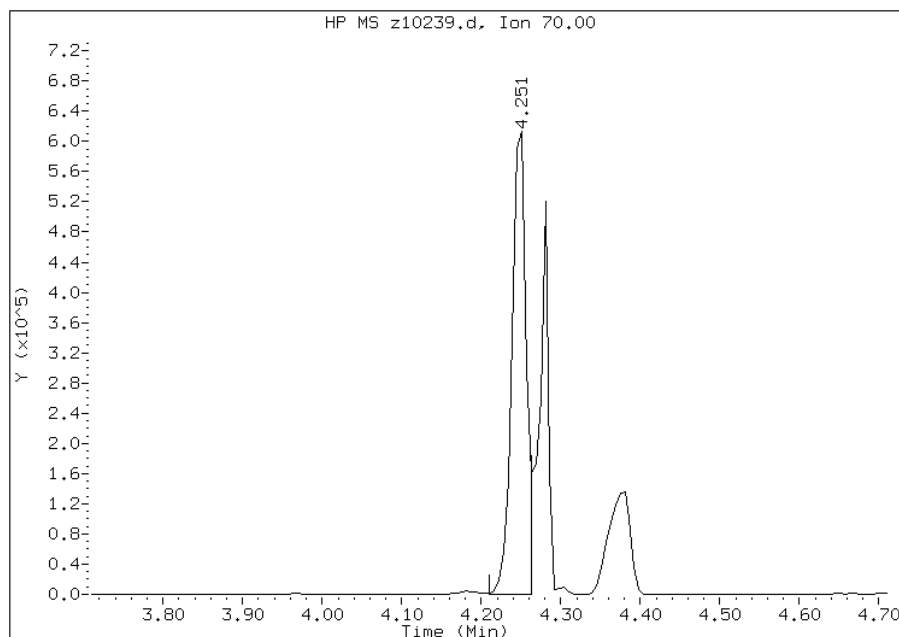


Manual Integration Report

Data File: z10239.d
Inj. Date and Time: 26-SEP-2011 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

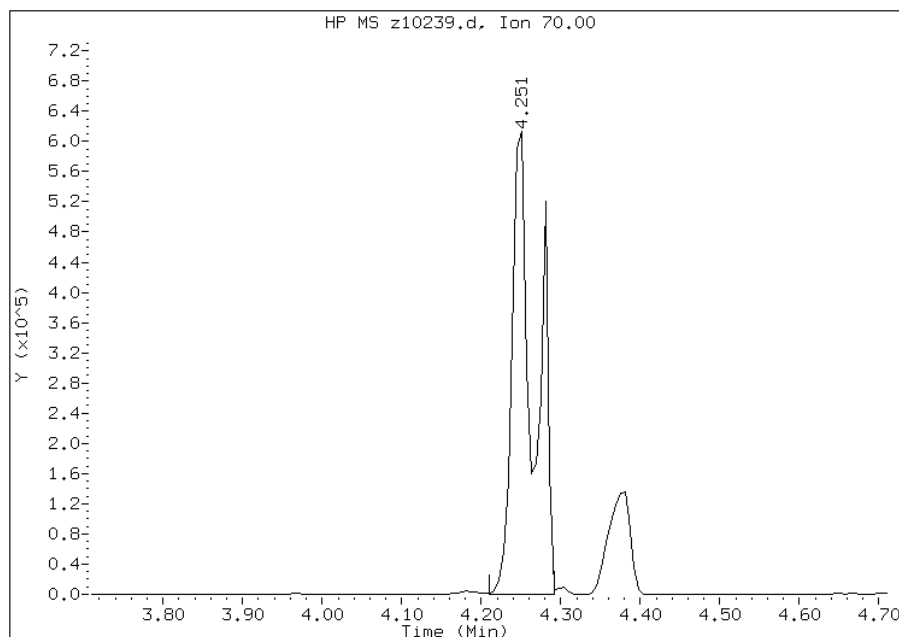
Processing Integration Results

RT: 4.25
Response: 790220
Amount: 87
Conc: 87



Manual Integration Results

RT: 4.25
Response: 1184362
Amount: 117
Conc: 117



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Lab Smp Id: IC-1143607
 Inj Date : 26-SEP-2011 12:00
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 1

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.258	1.258	(0.333)	39549	5.00000	5.0(H)
19 N-Nitrosodimethylamine		74	1.452	1.452	(0.384)	49966	5.00000	5.0(H)
71 Pyridine		79	1.481	1.481	(0.392)	93008	5.00000	5.1(H)
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522	(0.667)	84110	5.00000	5.2(H)
110 Benzaldehyde		77	3.328	3.328	(0.880)	60180	5.00000	8.8
\$ 17 Phenol-d5 (SUR)		99	3.434	3.434	(0.908)	100512	5.00000	5.2(H)
1 Phenol		94	3.446	3.446	(0.911)	117001	5.00000	5.5
73 Aniline		93	3.446	3.446	(0.911)	119397	5.00000	5.2
20 bis(2-Chloroethyl)ether		93	3.516	3.516	(0.930)	7776	0.50000	0.47(aH)
2 2-Chlorophenol		128	3.569	3.569	(0.944)	91266	5.00000	5.4
113 n-decane		43	3.640	3.640	(0.963)	85265	5.00000	5.5
21 1,3-Dichlorobenzene		146	3.722	3.722	(0.984)	96901	5.00000	4.9(a)
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781	(1.000)	481230	40.0000	
22 1,4-Dichlorobenzene		146	3.793	3.793	(1.003)	97227	5.00000	4.9(a)
74 Benzyl Alcohol		108	3.928	3.928	(1.039)	45178	5.00000	5.1(H)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	91131	5.00000	5.0
3 2-Methylphenol	108	4.063	4.063	(1.075)	74829	5.00000	5.3
24 bis (2-chloroisopropyl) ether	45	4.069	4.069	(1.076)	98302	5.00000	5.7
122 o-Toluidine	107	4.187	4.187	(1.107)	93078	5.00000	5.0
104 Acetophenone	105	4.193	4.193	(1.109)	116638	5.00000	5.3(H)
4 4-Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
121 3 & 4 Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
25 N-Nitroso-di-n-propylamine	70	4.204	4.204	(1.112)	5481	0.50000	0.52
26 Hexachloroethane	117	4.293	4.293	(1.135)	3902	0.50000	0.51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.856)	89981	5.00000	5.0(H)
107 N,N-Dimethylaniline	120	4.369	4.369	(1.156)	9743	0.50000	0.43(aH)
27 Nitrobenzene	77	4.363	4.363	(0.861)	11214	0.50000	0.47(a)
28 Isophorone	82	4.610	4.610	(0.909)	142272	5.00000	5.2
5 2-Nitrophenol	139	4.687	4.687	(0.925)	44932	5.00000	5.1
6 2,4-Dimethylphenol	122	4.757	4.757	(0.938)	70927	5.00000	5.3
29 bis(2-Chloroethoxy)methane	93	4.846	4.846	(0.956)	86283	5.00000	5.1
7 2,4-Dichlorophenol	162	4.940	4.940	(0.974)	60414	5.00000	5.1
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.991)	7238	0.50000	0.51
* 80 Naphthalene-d8	136	5.069	5.069	(1.000)	1758612	40.0000	
31 Naphthalene	128	5.087	5.087	(1.003)	234424	5.00000	4.8(a)
32 4-Chloroaniline	127	5.157	5.157	(1.017)	86585	5.00000	5.1
33 Hexachlorobutadiene	225	5.234	5.234	(1.032)	8776	1.00000	1.0
111 Caprolactam	113	5.481	5.481	(1.081)	19913	5.00000	5.5(H)
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.119)	63707	5.00000	5.2
34 2-Methylnaphthalene	142	5.787	5.787	(1.142)	142721	5.00000	4.9(a)
120 1-Methylnaphthalene	142	5.887	5.887	(1.161)	146432	5.00000	4.9(a)
35 Hexachlorocyclopentadiene	237	5.957	5.957	(0.873)	31840	5.00000	4.4(a)
9 2,4,6-Trichlorophenol	196	6.081	6.081	(0.891)	39632	5.00000	5.0
10 2,4,5-Trichlorophenol	196	6.122	6.122	(0.897)	41299	5.00000	5.1
\$ 77 2-Fluorobiphenyl (SUR)	172	6.163	6.163	(0.903)	144501	5.00000	4.8(a)
102 Diphenyl	154	6.257	6.257	(0.917)	178086	5.00000	5.0
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	124829	5.00000	4.9(a)
103 Diphenyl Ether	170	6.363	6.363	(0.933)	89063	5.00000	4.9(a)
37 2-Nitroaniline	65	6.381	6.381	(0.935)	91479	10.0000	11
38 Dimethylphthalate	163	6.575	6.575	(0.964)	129684	5.00000	5.0
114 Coumarin	146	6.575	6.575	(1.297)	44255	5.00000	5.2
40 2,6-Dinitrotoluene	165	6.622	6.622	(0.971)	5706	1.00000	0.98(a)
39 Acenaphthylene	152	6.675	6.675	(0.978)	202418	5.00000	5.0
41 3-Nitroaniline	138	6.787	6.787	(0.995)	63711	10.0000	10
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	842802	40.0000	
42 Acenaphthene	154	6.845	6.845	(1.003)	117719	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	6.892	6.892	(1.010)	34052	15.0000	12(a)
12 4-Nitrophenol	65	6.987	6.987	(1.024)	75240	15.0000	15(H)
44 2,4-Dinitrotoluene	165	7.022	7.022	(1.029)	7682	1.00000	1.0
43 Dibenzofuran	168	7.016	7.016	(1.028)	161802	5.00000	4.9(a)
45 Diethylphthalate	149	7.269	7.269	(1.066)	135596	5.00000	5.2
46 4-Chlorophenyl-phenylether	204	7.363	7.363	(1.079)	61463	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
47 Fluorene	166		7.351	7.351	(1.078)	129285	5.00000	4.8(a)
48 4-Nitroaniline	138		7.381	7.381	(1.082)	59715	10.0000	11(H)
13 4,6-Dinitro-2-methylphenol	198		7.422	7.422	(0.898)	50149	15.0000	13(a)
49 N-Nitrosodiphenylamine	169		7.481	7.481	(0.905)	93882	5.00000	5.0
75 1,2-Diphenylhydrazine	77		7.516	7.516	(0.909)	135309	5.00000	4.1(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.592	7.592	(1.113)	19659	5.00000	5.0
50 4-Bromophenyl-phenylether	248		7.839	7.839	(0.948)	34880	5.00000	4.8(a)
51 Hexachlorobenzene	284		7.898	7.898	(0.955)	3777	0.50000	0.48(a)
112 Atrazine	200		8.016	8.016	(0.969)	32541	5.00000	5.4
14 Pentachlorophenol	266		8.098	8.098	(0.979)	55883	15.0000	13(a)
* 83 Phenanthrene-d10	188		8.269	8.269	(1.000)	1188513	40.0000	
52 Phenanthrene	178		8.292	8.292	(1.003)	167466	5.00000	4.8(a)
53 Anthracene	178		8.339	8.339	(1.009)	169348	5.00000	4.8(a)
54 Carbazole	167		8.504	8.504	(1.028)	145870	5.00000	5.1
55 Di-n-butylphthalate	149		8.869	8.869	(1.073)	191104	5.00000	5.0
56 Fluoranthene	202		9.445	9.445	(1.142)	146240	5.00000	5.0
58 Benzidine	184		9.592	9.592	(1.160)	41134	10.0000	14
57 Pyrene	202		9.663	9.663	(0.886)	145925	5.00000	4.7(a)
\$ 78 Terphenyl-d14	244		9.833	9.833	(0.902)	99930	5.00000	4.6(a)
59 Butylbenzylphthalate	149		10.333	10.333	(0.948)	68264	5.00000	4.9(a)
60 3,3'-Dichlorobenzidine	252		10.880	10.880	(0.998)	70373	10.0000	11
61 Benzo(a)anthracene	228		10.892	10.892	(0.999)	13322	0.50000	0.57
* 81 Chrysene-d12	240		10.904	10.904	(1.000)	717143	40.0000	
63 bis(2-Ethylhexyl)phthalate	149		10.975	10.975	(1.006)	87793	5.00000	4.8(a)
62 Chrysene	228		10.933	10.933	(1.003)	101423	5.00000	5.0
64 Di-n-octylphthalate	149		11.757	11.757	(0.928)	124738	5.00000	4.6(a)
65 Benzo(b)fluoranthene	252		12.175	12.175	(0.961)	7936	0.50000	0.49(aH)
66 Benzo(k)fluoranthene	252		12.210	12.210	(0.964)	9094	0.50000	0.50
67 Benzo(a)pyrene	252		12.586	12.586	(0.994)	6369	0.50000	0.48(a)
* 84 Perylene-d12	264		12.663	12.663	(1.000)	539191	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		14.027	14.027	(1.108)	4435	0.50000	0.41(aH)
69 Dibenz(a,h)anthracene	278		14.057	14.057	(1.110)	4610	0.50000	0.41(a)
70 Benzo(g,h,i)perylene	276		14.363	14.363	(1.134)	50736	5.00000	4.4(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Lab Smp Id: IC-1143619
 Inj Date : 26-SEP-2011 12:25
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 4

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000/Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.263	1.263	(0.334)	575682	80.0000	80
19 N-Nitrosodimethylamine		74	1.493	1.493	(0.394)	731326	80.0000	80(M)
71 Pyridine		79	1.516	1.516	(0.400)	1280897	80.0000	77
\$ 16 2-Fluorophenol (SUR)		112	2.545	2.545	(0.672)	1111873	80.0000	74
110 Benzaldehyde		77	3.340	3.340	(0.882)	163193	80.0000	31
\$ 17 Phenol-d5 (SUR)		99	3.469	3.469	(0.916)	1352900	80.0000	76
1 Phenol		94	3.481	3.481	(0.919)	1450023	80.0000	75
73 Aniline		93	3.463	3.463	(0.915)	1641906	80.0000	78
20 bis(2-Chloroethyl)ether		93	3.540	3.540	(0.935)	1166160	80.0000	78
2 2-Chlorophenol		128	3.592	3.592	(0.949)	1170003	80.0000	76
113 n-decane		43	3.651	3.651	(0.964)	1061101	80.0000	75
21 1,3-Dichlorobenzene		146	3.734	3.734	(0.986)	1445653	80.0000	81
* 79 1,4-Dichlorobenzene-d4		152	3.787	3.787	(1.000)	442724	40.0000	
22 1,4-Dichlorobenzene		146	3.804	3.804	(1.005)	1463380	80.0000	80
74 Benzyl Alcohol		108	3.957	3.957	(1.045)	699204	80.0000	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.957	3.957	(1.045)	1370485	80.0000	81
3 2-Methylphenol	108	4.087	4.087	(1.079)	974961	80.0000	76
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.078)	1150285	80.0000	74
122 o-Toluidine	107	4.204	4.204	(1.110)	1312826	80.0000	77
104 Acetophenone	105	4.222	4.222	(1.115)	1551924	80.0000	77
4 4-Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
121 3 & 4 Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
25 N-Nitroso-di-n-propylamine	70	4.234	4.234	(1.118)	761761	80.0000	79(M)
26 Hexachloroethane	117	4.298	4.298	(1.135)	559925	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.369	4.369	(0.860)	1228125	80.0000	79
107 N,N-Dimethylaniline	120	4.392	4.392	(1.160)	1784095	80.0000	83
27 Nitrobenzene	77	4.392	4.392	(0.865)	1671209	80.0000	81
28 Isophorone	82	4.634	4.634	(0.912)	1812615	80.0000	77
5 2-Nitrophenol	139	4.704	4.704	(0.926)	595639	80.0000	79
6 2,4-Dimethylphenol	122	4.781	4.781	(0.941)	906400	80.0000	78
29 bis(2-Chloroethoxy)methane	93	4.863	4.863	(0.957)	1159706	80.0000	79
7 2,4-Dichlorophenol	162	4.957	4.957	(0.976)	801792	80.0000	78
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.990)	963773	80.0000	80
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1523775	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	3421328	80.0000	82
32 4-Chloroaniline	127	5.169	5.169	(1.017)	1158732	80.0000	79
33 Hexachlorobutadiene	225	5.239	5.239	(1.031)	587162	80.0000	80
111 Caprolactam	113	5.581	5.581	(1.098)	226248	80.0000	73(H)
8 4-Chloro-3-methylphenol	107	5.698	5.698	(1.122)	810513	80.0000	77
34 2-Methylnaphthalene	142	5.798	5.798	(1.141)	2013641	80.0000	81
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	2055962	80.0000	80
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	499374	80.0000	84
9 2,4,6-Trichlorophenol	196	6.098	6.098	(0.893)	499099	80.0000	79
10 2,4,5-Trichlorophenol	196	6.139	6.139	(0.899)	491883	80.0000	77
\$ 77 2-Fluorobiphenyl (SUR)	172	6.175	6.175	(0.904)	2005235	80.0000	82
102 Diphenyl	154	6.269	6.269	(0.918)	2396190	80.0000	83
36 2-Chloronaphthalene	162	6.281	6.281	(0.920)	1679713	80.0000	82
103 Diphenyl Ether	170	6.375	6.375	(0.934)	1186617	80.0000	82
37 2-Nitroaniline	65	6.398	6.398	(0.937)	495621	80.0000	73(H)
38 Dimethylphthalate	163	6.592	6.592	(0.966)	1649066	80.0000	80
114 Coumarin	146	6.598	6.598	(1.299)	558775	80.0000	77
40 2,6-Dinitrotoluene	165	6.645	6.645	(0.973)	380257	80.0000	81
39 Acenaphthylene	152	6.686	6.686	(0.979)	2572159	80.0000	80
41 3-Nitroaniline	138	6.804	6.804	(0.997)	394873	80.0000	79
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	679392	40.0000	
42 Acenaphthene	154	6.863	6.863	(1.005)	1667752	80.0000	84
11 2,4-Dinitrophenol	184	6.910	6.910	(1.012)	210038	80.0000	88
12 4-Nitrophenol	65	7.010	7.010	(1.027)	303627	80.0000	78
44 2,4-Dinitrotoluene	165	7.045	7.045	(1.032)	477790	80.0000	80
43 Dibenzofuran	168	7.028	7.028	(1.029)	2209510	80.0000	82
45 Diethylphthalate	149	7.286	7.286	(1.067)	1678563	80.0000	80
46 4-Chlorophenyl-phenylether	204	7.375	7.375	(1.080)	814577	80.0000	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.369	7.369	(1.079)	1781829	80.0000	82
48 4-Nitroaniline	138	7.410	7.410	(1.085)	321240	80.0000	76(H)
13 4,6-Dinitro-2-methylphenol	198	7.439	7.439	(0.899)	242376	80.0000	83
49 N-Nitrosodiphenylamine	169	7.498	7.498	(0.906)	1127131	80.0000	82
75 1,2-Diphenylhydrazine	77	7.527	7.527	(0.910)	2048547	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.604	7.604	(1.114)	253515	80.0000	80
50 4-Bromophenyl-phenylether	248	7.851	7.851	(0.949)	448473	80.0000	82
51 Hexachlorobenzene	284	7.910	7.910	(0.956)	484806	80.0000	81
112 Atrazine	200	8.033	8.033	(0.971)	356221	80.0000	78
14 Pentachlorophenol	266	8.104	8.104	(0.979)	265821	80.0000	84
* 83 Phenanthrene-d10	188	8.275	8.275	(1.000)	895259	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.003)	2084154	80.0000	80
53 Anthracene	178	8.351	8.351	(1.009)	2117856	80.0000	80
54 Carbazole	167	8.516	8.516	(1.029)	1681676	80.0000	79
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	2365459	80.0000	82
56 Fluoranthene	202	9.457	9.457	(1.143)	1759867	80.0000	81
58 Benzidine	184	9.598	9.598	(1.160)	82227	80.0000	34
57 Pyrene	202	9.674	9.674	(0.887)	1690783	80.0000	79
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	1235832	80.0000	82
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	795690	80.0000	82
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	321234	80.0000	74
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	1183448	80.0000	76
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	502697	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	1098280	80.0000	84
62 Chrysene	228	10.945	10.945	(1.003)	1124321	80.0000	80
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1485433	80.0000	84
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	858074	80.0000	82
66 Benzo(k)fluoranthene	252	12.221	12.221	(0.965)	930503	80.0000	80
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	691674	80.0000	82
* 84 Perylene-d12	264	12.668	12.668	(1.000)	350676	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.039	14.039	(1.108)	621458	80.0000	89
69 Dibenz(a,h)anthracene	278	14.074	14.074	(1.111)	626513	80.0000	86
70 Benzo(g,h,i)perylene	276	14.380	14.380	(1.135)	637516	80.0000	85

QC Flag Legend

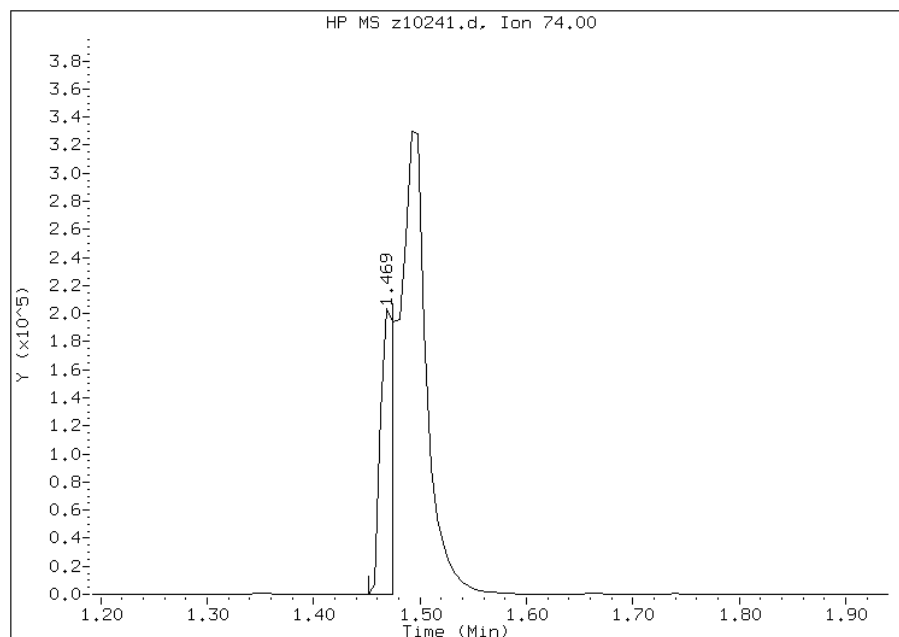
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 09/28/2011

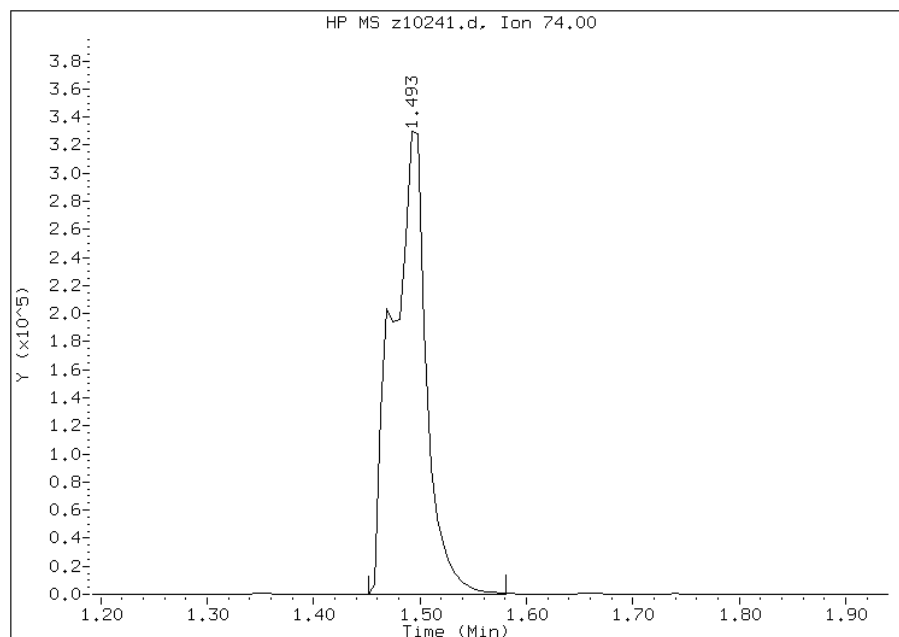
Processing Integration Results

RT: 1.47
Response: 188529
Amount: 25
Conc: 25



Manual Integration Results

RT: 1.49
Response: 731326
Amount: 80
Conc: 80



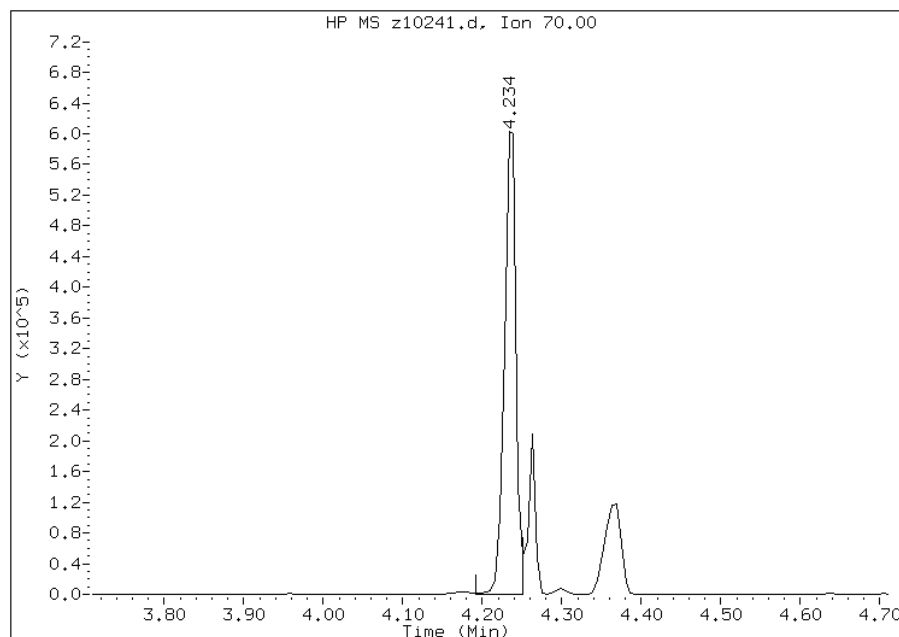
Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

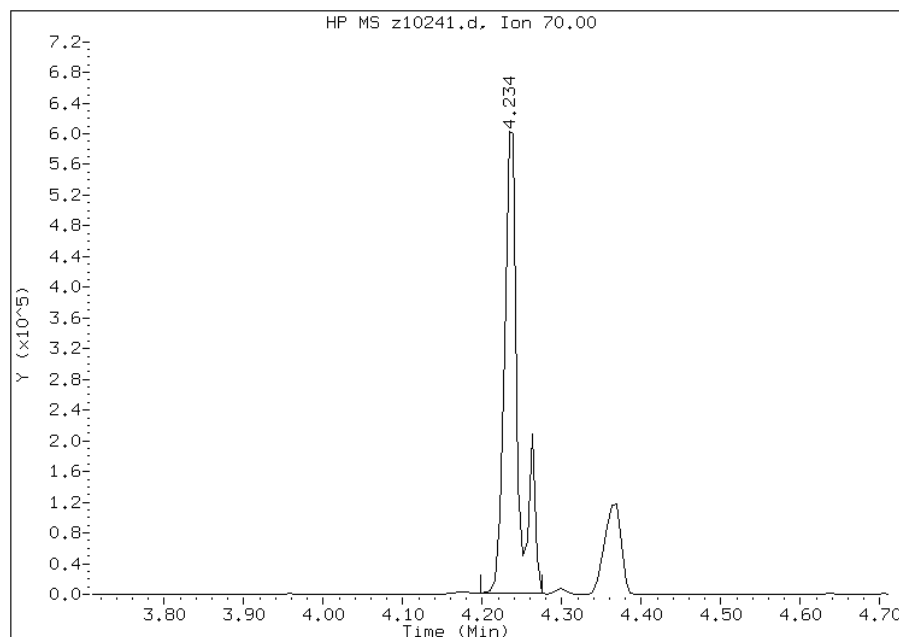
Processing Integration Results

RT: 4.23
Response: 650978
Amount: 70
Conc: 70



Manual Integration Results

RT: 4.23
Response: 761761
Amount: 79
Conc: 79



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Lab Smp Id: IC-1143617
 Inj Date : 26-SEP-2011 12:50
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000/Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.240	1.240	(0.328)	146923	20.0000	20
19 N-Nitrosodimethylamine		74	1.440	1.440	(0.381)	192276	20.0000	20
71 Pyridine		79	1.469	1.469	(0.389)	357490	20.0000	21(H)
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522	(0.667)	338660	20.0000	22
110 Benzaldehyde		77	3.328	3.328	(0.880)	108891	20.0000	20
\$ 17 Phenol-d5 (SUR)		99	3.440	3.440	(0.910)	388322	20.0000	21
1 Phenol		94	3.451	3.451	(0.913)	406795	20.0000	20
73 Aniline		93	3.445	3.445	(0.911)	449234	20.0000	20
20 bis(2-Chloroethyl)ether		93	3.522	3.522	(0.932)	299892	20.0000	19
2 2-Chlorophenol		128	3.569	3.569	(0.944)	330506	20.0000	21
113 n-decane		43	3.640	3.640	(0.963)	313830	20.0000	21
21 1,3-Dichlorobenzene		146	3.722	3.722	(0.984)	360605	20.0000	19
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781	(1.000)	461263	40.0000	
22 1,4-Dichlorobenzene		146	3.798	3.798	(1.005)	366504	20.0000	19
74 Benzyl Alcohol		108	3.934	3.934	(1.040)	183784	20.0000	21

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	339331	20.0000	19
3 2-Methylphenol	108	4.069	4.069	(1.076)	267751	20.0000	20
24 bis (2-chloroisopropyl) ether	45	4.075	4.075	(1.078)	337918	20.0000	21
122 o-Toluidine	107	4.192	4.192	(1.109)	357891	20.0000	20
104 Acetophenone	105	4.198	4.198	(1.110)	425685	20.0000	20(H)
4 4-Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
121 3 & 4 Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
25 N-Nitroso-di-n-propylamine	70	4.210	4.210	(1.114)	202965	20.0000	20
26 Hexachloroethane	117	4.292	4.292	(1.135)	143034	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.345	(0.856)	345097	20.0000	20
107 N,N-Dimethylaniline	120	4.375	4.375	(1.157)	464131	20.0000	21
27 Nitrobenzene	77	4.369	4.369	(0.861)	451006	20.0000	20
28 Isophorone	82	4.616	4.616	(0.910)	508998	20.0000	20
5 2-Nitrophenol	139	4.692	4.692	(0.925)	159377	20.0000	20
6 2,4-Dimethylphenol	122	4.763	4.763	(0.939)	255648	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.851	4.851	(0.956)	307431	20.0000	19
7 2,4-Dichlorophenol	162	4.945	4.945	(0.974)	219774	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.990)	251330	20.0000	19
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1648893	40.0000	
31 Naphthalene	128	5.092	5.092	(1.003)	861322	20.0000	19
32 4-Chloroaniline	127	5.163	5.163	(1.017)	311012	20.0000	20
33 Hexachlorobutadiene	225	5.234	5.234	(1.031)	154376	20.0000	19
111 Caprolactam	113	5.516	5.516	(1.087)	68689	20.0000	20
8 4-Chloro-3-methylphenol	107	5.681	5.681	(1.119)	228816	20.0000	20
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	511123	20.0000	19
120 1-Methylnaphthalene	142	5.886	5.886	(1.160)	541525	20.0000	20
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	127692	20.0000	19
9 2,4,6-Trichlorophenol	196	6.086	6.086	(0.892)	138594	20.0000	20
10 2,4,5-Trichlorophenol	196	6.128	6.128	(0.898)	145067	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	548566	20.0000	20
102 Diphenyl	154	6.263	6.263	(0.918)	625550	20.0000	19
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	440816	20.0000	19
103 Diphenyl Ether	170	6.369	6.369	(0.934)	311896	20.0000	19
37 2-Nitroaniline	65	6.386	6.386	(0.936)	170980	20.0000	23
38 Dimethylphthalate	163	6.581	6.581	(0.965)	441674	20.0000	19
114 Coumarin	146	6.581	6.581	(1.297)	153636	20.0000	20
40 2,6-Dinitrotoluene	165	6.628	6.628	(0.972)	101888	20.0000	19
39 Acenaphthylene	152	6.675	6.675	(0.978)	702295	20.0000	20
41 3-Nitroaniline	138	6.792	6.792	(0.996)	106940	20.0000	19
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	758667	40.0000	
42 Acenaphthene	154	6.851	6.851	(1.004)	424019	20.0000	19
11 2,4-Dinitrophenol	184	6.898	6.898	(1.011)	75970	30.0000	28
12 4-Nitrophenol	65	6.992	6.992	(1.025)	127312	30.0000	29
44 2,4-Dinitrotoluene	165	7.028	7.028	(1.030)	128478	20.0000	19
43 Dibenzofuran	168	7.022	7.022	(1.029)	575294	20.0000	19
45 Diethylphthalate	149	7.275	7.275	(1.066)	452350	20.0000	19
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	207393	20.0000	19

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.357	7.357	(1.078)	458420	20.0000	19
48 4-Nitroaniline	138	7.386	7.386	(1.083)	93830	20.0000	20(H)
13 4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.898)	96922	30.0000	30
49 N-Nitrosodiphenylamine	169	7.486	7.486	(0.905)	278497	20.0000	18
75 1,2-Diphenylhydrazine	77	7.522	7.522	(0.910)	550877	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.113)	69969	20.0000	20
50 4-Bromophenyl-phenylether	248	7.839	7.839	(0.948)	117201	20.0000	19
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	128666	20.0000	20
112 Atrazine	200	8.022	8.022	(0.970)	104433	20.0000	21
14 Pentachlorophenol	266	8.098	8.098	(0.979)	105887	30.0000	30
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	991854	40.0000	
52 Phenanthrene	178	8.292	8.292	(1.003)	558802	20.0000	19
53 Anthracene	178	8.339	8.339	(1.009)	568674	20.0000	20
54 Carbazole	167	8.504	8.504	(1.028)	456260	20.0000	19
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	631093	20.0000	20
56 Fluoranthene	202	9.451	9.451	(1.143)	471488	20.0000	20
58 Benzidine	184	9.592	9.592	(1.160)	143696	30.0000	53
57 Pyrene	202	9.669	9.669	(0.886)	457501	20.0000	18
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	340060	20.0000	19
59 Butylbenzylphthalate	149	10.333	10.333	(0.947)	217855	20.0000	19
60 3,3'-Dichlorobenzidine	252	10.880	10.880	(0.997)	150156	30.0000	30
61 Benzo(a)anthracene	228	10.892	10.892	(0.998)	336541	20.0000	18
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	586240	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	295605	20.0000	19
62 Chrysene	228	10.933	10.933	(1.002)	323952	20.0000	20
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	417956	20.0000	20
65 Benzo(b)fluoranthene	252	12.180	12.180	(0.962)	236027	20.0000	19
66 Benzo(k)fluoranthene	252	12.210	12.210	(0.964)	279479	20.0000	20
67 Benzo(a)pyrene	252	12.586	12.586	(0.994)	195442	20.0000	19
* 84 Perylene-d12	264	12.662	12.662	(1.000)	423190	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.027	14.027	(1.108)	152350	20.0000	18
69 Dibenz(a,h)anthracene	278	14.062	14.062	(1.111)	169124	20.0000	19
70 Benzo(g,h,i)perylene	276	14.362	14.362	(1.134)	170589	20.0000	19

QC Flag Legend

H - Operator selected an alternate compound hit.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89677/4	z10812.d
Level 2	IC 460-89677/6	z10814.d
Level 3	ICIS 460-89677/2	z10810.d
Level 4	IC 460-89677/5	z10813.d
Level 5	IC 460-89677/3	z10811.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6337	0.6121	0.6089	0.6284	0.6090	Ave		0.6184			0.0500	1.9		30.0			
N-Nitrosodimethylamine	0.8270	0.8350	0.8275	0.8272	0.8354	Ave		0.8304			0.0500	0.5		30.0			
Pyridine	1.5450	1.5397	1.5244	1.4766	1.4673	Ave		1.5106			0.0500	2.4		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1952	+++++	+++++	Ave		0.1952			0.0500			30.0			
Benzaldehyde	0.9634	0.5256	0.5658	0.2673	0.1465	Ave		0.4937			0.0500	63.9	*	30.0			
Aniline	1.9986	1.9861	2.0199	1.8388	1.6961	Ave		1.9079			0.0500	7.2		30.0			
Phenol	1.9104	1.7401	1.7786	1.4726	1.7509	Ave		1.7305			0.0500	9.2		30.0			
Bis(2-chloroethyl)ether	1.5052	1.3405	1.3868	1.3863	1.6097	Ave		1.4457			0.0500	7.6		30.0			
2-Chlorophenol	1.5274	1.4228	1.4358	1.3167	1.3421	Ave		1.4089			0.0500	5.9		30.0			
n-Decane	1.6257	1.6158	1.4396	1.4329	1.3327	Ave		1.4894			0.0500	8.5		30.0			
1,3-Dichlorobenzene	1.5870	1.5918	1.6012	1.6411	1.6400	Ave		1.6122			0.0500	1.6		30.0			
1,4-Dichlorobenzene	1.6156	1.6080	1.6214	1.6458	1.6790	Ave		1.6340			0.0500	1.8		30.0			
1,2-Dichlorobenzene	1.5115	1.4841	1.5207	1.5102	1.5283	Ave		1.5109			0.0500	1.1		30.0			
Benzyl alcohol	0.6975	0.6835	0.7964	0.7413	0.7717	Ave		0.7381			0.0500	6.5		30.0			
2,2'-oxybis[1-chloropropane]	1.8532	1.7116	1.6472	1.5606	1.5158	Ave		1.6577			0.0500	8.0		30.0			
2-Methylphenol	1.2459	1.1522	1.1826	1.0466	1.0998	Ave		1.1454			0.0500	6.7		30.0			
o-Toluidine	1.4883	1.5227	1.5490	1.4590	1.4816	Ave		1.5001			0.0500	2.4		30.0			
Acetophenone	1.8862	1.7560	1.7713	1.6992	1.7466	Ave		1.7719			0.0500	3.9		30.0			
N-Nitrosodi-n-propylamine	0.8831	0.8704	0.9123	0.8245	0.8703	Ave		0.8721			0.0500	3.6		30.0			
3 & 4 Methylphenol	1.3748	1.2713	1.3089	1.1876	1.1979	Ave		1.2681			0.0500	6.2		30.0			
4-Methylphenol	1.3748	1.2713	1.3089	1.1876	1.1979	Ave		1.2681			0.0500	6.2		30.0			
Hexachloroethane	0.6818	0.6560	0.6621	0.6608	0.6327	Ave		0.6587			0.0500	2.7		30.0			
Nitrobenzene	0.5504	0.5668	0.5655	0.5541	0.5528	Ave		0.5579			0.0500	1.4		30.0			
n,n'-Dimethylaniline	1.6344	1.9481	2.0820	2.0052	2.0547	Ave		1.9449			0.0500	9.3		30.0			
Isophorone	0.6553	0.6200	0.6378	0.5894	0.5897	Ave		0.6184			0.0500	4.7		30.0			
2-Nitrophenol	0.1928	0.1908	0.1951	0.1876	0.1947	Ave		0.1922			0.0500	1.6		30.0			
2,4-Dimethylphenol	0.3180	0.3069	0.3034	0.2822	0.2919	Ave		0.3005			0.0500	4.6		30.0			
Bis(2-chloroethoxy)methane	0.3885	0.3851	0.3996	0.3937	0.3935	Ave		0.3921			0.0500	1.4		30.0			
2,4-Dichlorophenol	0.2660	0.2595	0.2634	0.2463	0.2537	Ave		0.2578			0.0500	3.1		30.0			
1,2,4-Trichlorobenzene	0.3181	0.3069	0.3118	0.3089	0.3118	Ave		0.3115			0.0500	1.4		30.0			
Naphthalene	1.0821	1.0467	1.1023	1.0944	1.1066	Ave		1.0864			0.0500	2.2		30.0			
4-Chloroaniline	0.3950	0.3768	0.3906	0.3672	0.3639	Ave		0.3787			0.0500	3.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1928	0.1900	0.1880	0.1877	0.1857	Ave		0.1888			0.0500	1.4		30.0			
Caprolactam	0.0682	0.0694	0.0645	0.0633	0.0610	Ave		0.0653			0.0500	5.4		30.0			
4-Chloro-3-methylphenol	0.2798	0.2534	0.2674	0.2494	0.2390	Ave		0.2578			0.0500	6.2		30.0			
2-Methylnaphthalene	0.6429	0.6173	0.6421	0.6254	0.6312	Ave		0.6318			0.0500	1.7		30.0			
1-Methylnaphthalene	0.6480	0.6455	0.6481	0.6420	0.6405	Ave		0.6448			0.0500	0.5		30.0			
Hexachlorocyclopentadiene	0.2084	0.2652	0.3446	0.3184	0.3556	Ave		0.2985			0.0500	20.5		30.0			
2,4,6-Trichlorophenol	0.3864	0.3506	0.3692	0.3572	0.3699	Ave		0.3667			0.0500	3.7		30.0			
2,4,5-Trichlorophenol	0.3818	0.3540	0.3872	0.3594	0.3674	Ave		0.3700			0.0500	3.8		30.0			
1,1'-Biphenyl	1.7349	1.7198	1.7607	1.7625	1.7534	Ave		1.7463			0.0500	1.1		30.0			
2-Chloronaphthalene	1.2305	1.2165	1.2573	1.2186	1.2285	Ave		1.2303			0.0500	1.3		30.0			
Phenyl ether	0.8381	0.8552	0.8915	0.8822	0.9105	Ave		0.8755			0.0500	3.3		30.0			
2-Nitroaniline	0.4269	0.3904	0.3767	0.3382	0.3317	Ave		0.3728			0.0500	10.5		30.0			
Coumarin	0.1554	0.1520	0.1500	0.1442	0.1391	Ave		0.1481			0.0500	4.4		30.0			
Dimethyl phthalate	1.1581	1.0751	1.1246	1.0991	1.0936	Ave		1.1101			0.0500	2.9		30.0			
2,6-Dinitrotoluene	0.2365	0.2460	0.2591	0.2517	0.2524	Ave		0.2491			0.0500	3.4		30.0			
Acenaphthylene	1.9112	1.8897	1.9640	1.8602	1.8775	Ave		1.9005			0.0500	2.1		30.0			
3-Nitroaniline	0.2695	0.2509	0.2543	0.2532	0.2457	Ave		0.2547			0.0500	3.5		30.0			
Acenaphthene	1.1248	1.1209	1.1540	1.1389	1.1699	Ave		1.1417			0.0500	1.8		30.0			
2,4-Dinitrophenol	0.0696	0.0956	0.1103	0.1155	0.1250	Ave		0.1032			0.0500	20.9		30.0			
4-Nitrophenol	0.1749	0.1837	0.1824	0.1630	0.1695	Ave		0.1747			0.0500	5.0		30.0			
Dibenzofuran	1.5555	1.4766	1.5123	1.5019	1.5392	Ave		1.5171			0.0500	2.0		30.0			
2,4-Dinitrotoluene	0.3305	0.2911	0.3024	0.2933	0.2891	Ave		0.3013			0.0500	5.7		30.0			
Diethyl phthalate	1.1364	1.0595	1.1067	1.0781	1.0700	Ave		1.0901			0.0500	2.9		30.0			
Fluorene	1.1808	1.1631	1.1883	1.1812	1.1751	Ave		1.1777			0.0500	0.8		30.0			
4-Chlorophenyl phenyl ether	0.5488	0.5265	0.5463	0.5306	0.5374	Ave		0.5379			0.0500	1.8		30.0			
4-Nitroaniline	0.1949	0.1947	0.1980	0.1858	0.1806	Ave		0.1908			0.0500	3.8		30.0			
4,6-Dinitro-2-methylphenol	0.0968	0.1146	0.1235	0.1259	0.1300	Ave		0.1182			0.0500	11.2		30.0			
N-Nitrosodiphenylamine	0.6784	0.6055	0.6671	0.6677	0.6786	Ave		0.6595			0.0500	4.6		30.0			
1,2-Diphenylhydrazine	1.0471	1.2660	1.3100	1.3208	1.4359	Ave		1.2760			0.0500	11.2		30.0			
4-Bromophenyl phenyl ether	0.2431	0.2475	0.2568	0.2584	0.2672	Ave		0.2546			0.0500	3.7		30.0			
Hexachlorobenzene	0.2770	0.2679	0.2741	0.2822	0.2892	Ave		0.2781			0.0500	2.9		30.0			
Atrazine	0.2002	0.1918	0.1903	0.1753	0.1774	Ave		0.1870			0.0500	5.6		30.0			
Pentachlorophenol	0.1035	0.1135	0.1297	0.1280	0.1357	Ave		0.1221			0.0500	10.8		30.0			
Phenanthrene	1.1471	1.1158	1.1443	1.1393	1.1527	Ave		1.1399			0.0500	1.3		30.0			
Anthracene	1.1201	1.1254	1.1502	1.1348	1.1478	Ave		1.1357			0.0500	1.2		30.0			
Carbazole	0.8791	0.8729	0.8696	0.8524	0.8617	Ave		0.8672			0.0500	1.2		30.0			
Di-n-butyl phthalate	1.1786	1.1733	1.2255	1.2380	1.2360	Ave		1.2103			0.0500	2.6		30.0			
Fluoranthene	0.8586	0.8420	0.8613	0.8455	0.8373	Ave		0.8489			0.0500	1.2		30.0			
Benzidine	0.0797	0.1572	0.1247	0.0590	0.0481	Ave		0.0937			0.0500	49.1	*	30.0			
Pyrene	1.9021	1.7682	1.8067	1.7592	1.8432	Ave		1.8159			0.0500	3.2		30.0			
Butyl benzyl phthalate	0.8184	0.7527	0.7925	0.7811	0.8056	Ave		0.7900			0.0500	3.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4080	0.3342	0.3379	0.3101	0.3270	Ave		0.3435			0.0500	11.0		30.0			
Benzo[a]anthracene	1.5448	1.1606	1.1797	1.1552	1.1860	Ave		1.2452			0.0500	13.5		30.0			
Chrysene	1.1825	1.1197	1.1403	1.1177	1.1408	Ave		1.1402			0.0500	2.3		30.0			
Bis(2-ethylhexyl) phthalate	1.0115	1.0061	1.0488	1.0477	1.0854	Ave		1.0399			0.0500	3.1		30.0			
Di-n-octyl phthalate	1.8954	1.9104	1.8837	1.8000	1.8368	Ave		1.8653			0.0500	2.4		30.0			
Benzo[b]fluoranthene	1.3284	1.1176	1.1247	1.2335	1.1840	Ave		1.1976			0.0500	7.3		30.0			
Benzo[k]fluoranthene	1.6896	1.2951	1.2900	1.2235	1.2603	Ave		1.3517			0.0500	14.1		30.0			
Benzo[a]pyrene	1.1219	0.9546	0.9715	0.9850	0.9933	Ave		1.0053			0.0500	6.6		30.0			
Indeno[1,2,3-cd]pyrene	1.1558	0.8756	0.9297	1.0282	1.0227	Ave		1.0024			0.0500	10.7		30.0			
Dibenz(a,h)anthracene	0.9823	0.9152	0.9462	0.9849	1.0293	Ave		0.9716			0.0500	4.4		30.0			
Benzo[g,h,i]perylene	0.9171	0.9423	0.9535	1.0397	1.0601	Ave		0.9825			0.0500	6.4		30.0			
2-Fluorophenol (Surr)	1.3304	1.4419	1.3697	1.2479	1.2935	Ave		1.3367			0.0500	5.5		30.0			
Phenol-d5 (Surr)	1.6443	1.6746	1.6300	1.4797	1.5946	Ave		1.6046			0.0500	4.7		30.0			
Nitrobenzene-d5 (Surr)	0.4164	0.4309	0.4155	0.4157	0.4109	Ave		0.4179			0.0500	1.8		30.0			
2-Fluorobiphenyl	1.4146	1.4902	1.4925	1.4956	1.5246	Ave		1.4835			0.0500	2.8		30.0			
2,4,6-Tribromophenol (Surr)	0.1566	0.1583	0.1605	0.1529	0.1580	Ave		0.1573			0.0500	1.8		30.0			
Terphenyl-d14 (Surr)	1.2829	1.2774	1.2592	1.2218	1.2948	Ave		1.2672			0.0500	2.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89677/4	z10812.d
Level 2	IC 460-89677/6	z10814.d
Level 3	ICIS 460-89677/2	z10810.d
Level 4	IC 460-89677/5	z10813.d
Level 5	IC 460-89677/3	z10811.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	45304	156130	411902	622397	990346	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	59119	212978	559790	819306	1358624	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	110447	392732	1031173	1462489	2386177	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1001	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	68867	134068	382758	264742	238177	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	142875	506598	1366369	1821284	2758286	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	136570	443861	1203140	1458550	2847441	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	10760	341938	938123	1373095	2617717	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	109185	362917	971249	1304086	2182636	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	116217	412152	973857	1419233	2167320	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	113448	406023	1083109	1625443	2667046	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	115492	410156	1096813	1630114	2730476	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	108049	378556	1028720	1495729	2485322	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	49862	174350	538727	734262	1254998	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	132477	436589	1114232	1545671	2465053	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	89065	293893	799989	1036576	1788551	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	106395	388395	1047813	1445046	2409482	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	134837	447906	1198213	1682973	2840346	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	6313	222010	617106	816603	1415300	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	98280	324286	885405	1176209	1948081	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	98280	324286	885405	1176209	1948081	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	4874	167322	447909	654514	1028925	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	14003	501539	1358837	1882291	3098825	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	11684	496903	1408393	1986064	3341442	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	166721	548542	1532554	2002270	3305610	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	49052	168810	468746	637254	1091337	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	80910	271531	729005	958623	1636351	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	98839	340761	960312	1337357	2205961	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	67680	229612	632949	836715	1422418	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	8094	271533	749248	1049335	1748091	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	275313	926141	2648644	3717947	6203428	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	100484	333381	938669	1247391	2039886	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	9811	168122	451655	637678	1040693	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	17349	61442	155068	214913	341717	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	71195	224250	642622	847401	1339582	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	163574	546222	1542843	2124701	3537975	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	164853	571179	1557406	2181190	3590131	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	23497	98228	346789	443680	793363	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	43569	129845	371503	497775	825092	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	43048	131134	389640	500743	819640	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	195616	636990	1771827	2455838	3911618	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	138742	450585	1265229	1697939	2740504	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	94495	316776	897164	1229192	2031237	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	96276	144617	379069	471238	739851	10.0	20.0	50.0	80.0	120
Coumarin	NPT	Ave	39525	134470	360328	489984	779917	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	130577	398194	1131762	1531388	2439525	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5332	91126	260762	350761	562998	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	215492	699928	1976432	2591973	4188471	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	60772	92918	255914	352759	548019	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	126822	415186	1161306	1586854	2609760	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	23534	53099	110960	160956	278786	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	59145	102081	183594	227054	378087	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	175388	546921	1521917	2092713	3433716	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	7452	107813	304282	408638	644857	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	128132	392415	1113728	1502122	2386999	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	133135	430816	1195809	1645891	2621377	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	61876	194999	549784	739323	1198942	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	43952	72118	199228	258822	402808	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	38917	71577	139326	190017	304057	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	90938	252110	752848	1007619	1586862	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	140360	527079	1478311	1993387	3357670	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	32582	103049	289791	389948	624907	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3713	111521	309364	425830	676201	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	26833	79864	214698	264565	414821	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	41628	70853	146394	193107	317397	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	153764	464565	1291327	1719495	2695452	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	150145	468532	1297982	1712582	2683998	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	117834	363424	981346	1286463	2015110	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	157990	488474	1382995	1868373	2890195	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	115088	350532	971929	1276087	1957886	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	21367	98181	140755	89085	112384	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	112248	343080	926400	1224930	1844207	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	48294	146041	406336	543862	806080	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	48160	97282	173272	215929	327190	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	9116	225193	604876	804348	1186679	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	69783	217248	584684	778267	1141466	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	59693	195221	537787	729540	1085989	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 89677

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/14/2011 11:09 Calibration End Date: 10/14/2011 12:50 Calibration ID: 12678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	80602	269194	735408	998055	1447121	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	5649	157488	439079	683927	932771	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	7185	182501	503636	678410	992881	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	4771	134515	379294	546168	782544	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4915	123381	362943	570108	805699	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4177	128962	369419	546098	810892	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	39001	132784	372244	576460	835208	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	95105	367792	926540	1235974	2103476	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	117547	427157	1102608	1465591	2593159	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	105941	381303	998416	1412211	2303489	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	159500	551957	1501921	2083949	3401189	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	17653	58641	161491	213003	352554	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	75708	247856	645632	850708	1295499	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10810.d
 Report Date: 14-Oct-2011 13:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10810.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 14-OCT-2011 11:09
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 13:18 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 11:09 Cal File: z10810.d
 Als bottle: 2 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	0.992	0.992 (0.289)		411902	50.0000	49
19 N-Nitrosodimethylamine		74	1.180	1.180 (0.344)		559790	50.0000	50
71 Pyridine		79	1.198	1.198 (0.349)		1031173	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.203	2.203 (0.642)		926540	50.0000	51
110 Benzaldehyde		77	2.980	2.980 (0.868)		382758	50.0000	57
\$ 17 Phenol-d5 (SUR)		99	3.115	3.115 (0.907)		1102608	50.0000	51
1 Phenol		94	3.133	3.133 (0.913)		1203140	50.0000	51
73 Aniline		93	3.098	3.098 (0.902)		1366369	50.0000	53
20 bis(2-Chloroethyl)ether		93	3.186	3.186 (0.928)		938123	50.0000	48
2 2-Chlorophenol		128	3.227	3.227 (0.940)		971249	50.0000	51
113 n-decane		43	3.303	3.303 (0.962)		973857	50.0000	48
21 1,3-Dichlorobenzene		146	3.374	3.374 (0.983)		1083109	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.433	3.433 (1.000)		541165	40.0000	
22 1,4-Dichlorobenzene		146	3.450	3.450 (1.005)		1096813	50.0000	50
74 Benzyl Alcohol		108	3.603	3.603 (1.050)		538727	50.0000	54

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10810.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.603	3.603	(1.050)	1028720	50.0000	50
3 2-Methylphenol	108	3.750	3.750	(1.093)	799989	50.0000	52
24 bis (2-chloroisopropyl) ether	45	3.745	3.745	(1.091)	1114232	50.0000	50
122 o-Toluidine	107	3.862	3.862	(1.125)	1047813	50.0000	52
104 Acetophenone	105	3.874	3.874	(1.129)	1198213	50.0000	50
4 4-Methylphenol	108	3.915	3.915	(1.141)	885405	50.0000	52
121 3 & 4 Methylphenol	108	3.915	3.915	(1.141)	885405	50.0000	52
25 N-Nitroso-di-n-propylamine	70	3.892	3.892	(1.134)	617106	50.0000	52
26 Hexachloroethane	117	3.950	3.950	(1.151)	447909	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.015	4.015	(0.847)	998416	50.0000	50
107 N,N-Dimethylaniline	120	4.045	4.045	(1.178)	1408393	50.0000	54
27 Nitrobenzene	77	4.039	4.039	(0.852)	1358837	50.0000	51
28 Isophorone	82	4.292	4.292	(0.906)	1532554	50.0000	52
5 2-Nitrophenol	139	4.362	4.362	(0.921)	468746	50.0000	51
6 2,4-Dimethylphenol	122	4.450	4.450	(0.939)	729005	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.533	4.533	(0.957)	960312	50.0000	51
7 2,4-Dichlorophenol	162	4.621	4.621	(0.975)	632949	50.0000	51
30 1,2,4-Trichlorobenzene	180	4.692	4.692	(0.990)	749248	50.0000	50
* 80 Naphthalene-d8	136	4.739	4.739	(1.000)	1922327	40.0000	
31 Naphthalene	128	4.756	4.756	(1.004)	2648644	50.0000	51
32 4-Chloroaniline	127	4.839	4.839	(1.021)	938669	50.0000	52
33 Hexachlorobutadiene	225	4.903	4.903	(1.035)	451655	50.0000	50
111 Caprolactam	113	5.227	5.227	(1.103)	155068	50.0000	49
8 4-Chloro-3-methylphenol	107	5.374	5.374	(1.134)	642622	50.0000	52
34 2-Methylnaphthalene	142	5.462	5.462	(1.153)	1542843	50.0000	51
120 1-Methylnaphthalene	142	5.556	5.556	(1.173)	1557406	50.0000	50
35 Hexachlorocyclopentadiene	237	5.633	5.633	(0.868)	346789	50.0000	58
9 2,4,6-Trichlorophenol	196	5.762	5.762	(0.888)	371503	50.0000	50
10 2,4,5-Trichlorophenol	196	5.803	5.803	(0.895)	389640	50.0000	52
\$ 77 2-Fluorobiphenyl (SUR)	172	5.839	5.839	(0.900)	1501921	50.0000	50
102 Diphenyl	154	5.933	5.933	(0.915)	1771827	50.0000	50
36 2-Chloronaphthalene	162	5.939	5.939	(0.916)	1265229	50.0000	51
103 Diphenyl Ether	170	6.039	6.039	(0.931)	897164	50.0000	51
37 2-Nitroaniline	65	6.062	6.062	(0.935)	379069	50.0000	50
38 Dimethylphthalate	163	6.262	6.262	(0.966)	1131762	50.0000	51
114 Coumarin	146	6.256	6.256	(1.320)	360328	50.0000	51
40 2,6-Dinitrotoluene	165	6.309	6.309	(0.973)	260762	50.0000	52
39 Acenaphthylene	152	6.344	6.344	(0.978)	1976432	50.0000	52
41 3-Nitroaniline	138	6.468	6.468	(0.997)	255914	50.0000	50
* 82 Acenaphthene-d10	164	6.486	6.486	(1.000)	805066	40.0000	
42 Acenaphthene	154	6.515	6.515	(1.005)	1161306	50.0000	50
11 2,4-Dinitrophenol	184	6.580	6.580	(1.014)	110960	50.0000	53
12 4-Nitrophenol	65	6.680	6.680	(1.030)	183594	50.0000	52
44 2,4-Dinitrotoluene	165	6.709	6.709	(1.034)	304282	50.0000	50
43 Dibenzofuran	168	6.686	6.686	(1.031)	1521917	50.0000	50
45 Diethylphthalate	149	6.956	6.956	(1.073)	1113728	50.0000	51
46 4-Chlorophenyl-phenylether	204	7.038	7.038	(1.085)	549784	50.0000	51

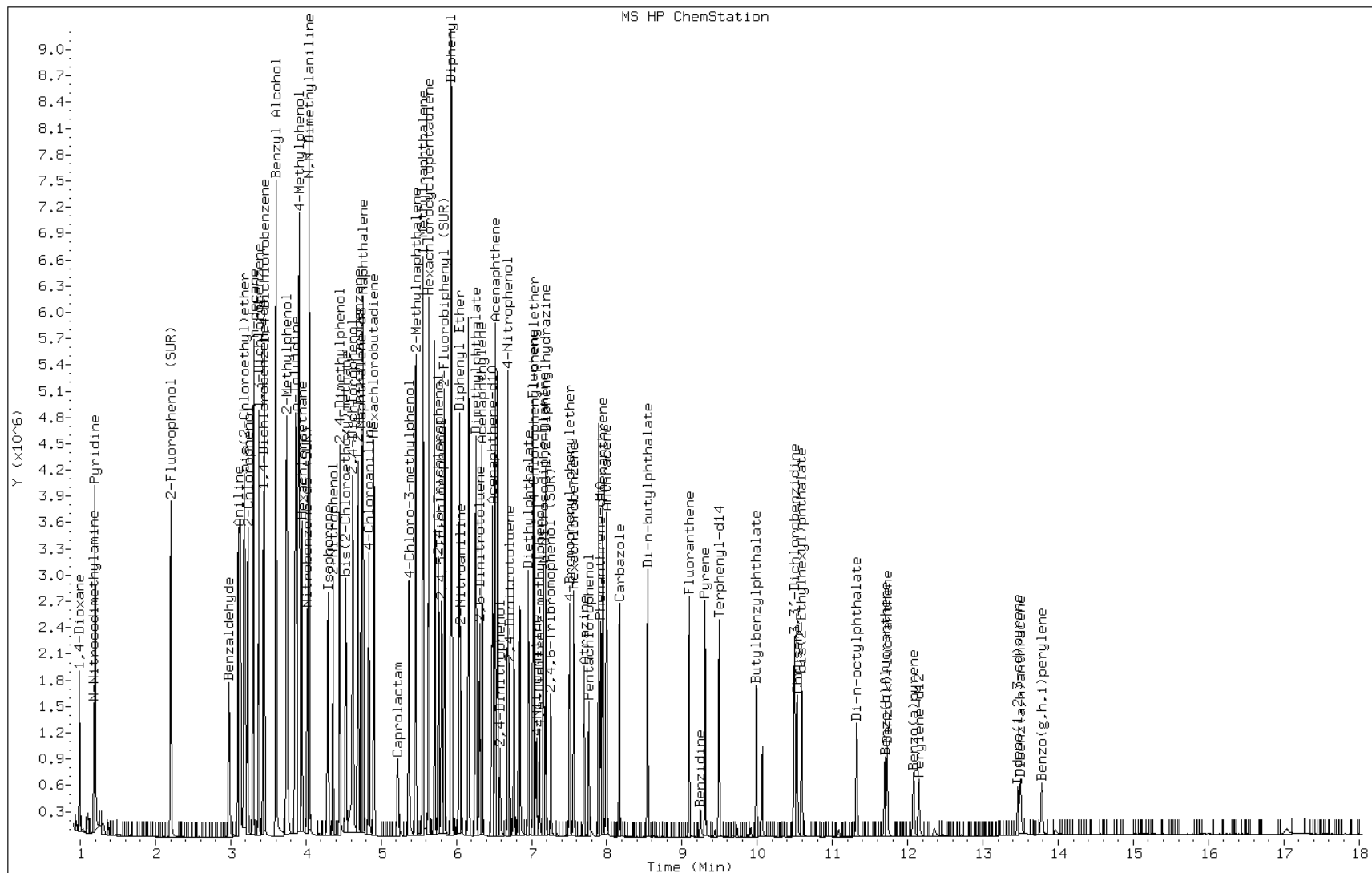
Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10810.d
Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.021	7.021	(1.083)	1195809	50.0000	50
48 4-Nitroaniline	138	7.068	7.068	(1.090)	199228	50.0000	52
13 4,6-Dinitro-2-methylphenol	198	7.109	7.109	(0.898)	139326	50.0000	52
49 N-Nitrosodiphenylamine	169	7.156	7.156	(0.903)	752848	50.0000	50
75 1,2-Diphenylhydrazine	77	7.191	7.191	(0.908)	1478311	50.0000	51
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.256	7.256	(1.119)	161491	50.0000	51
50 4-Bromophenyl-phenylether	248	7.509	7.509	(0.948)	289791	50.0000	50
51 Hexachlorobenzene	284	7.562	7.562	(0.955)	309364	50.0000	49
112 Atrazine	200	7.703	7.703	(0.973)	214698	50.0000	51
14 Pentachlorophenol	266	7.762	7.762	(0.980)	146394	50.0000	53
* 83 Phenanthrene-d10	188	7.921	7.921	(1.000)	902776	40.0000	
52 Phenanthrene	178	7.944	7.944	(1.003)	1291327	50.0000	50
53 Anthracene	178	7.997	7.997	(1.010)	1297982	50.0000	51
54 Carbazole	167	8.168	8.168	(1.031)	981346	50.0000	50
55 Di-n-butylphthalate	149	8.544	8.544	(1.079)	1382995	50.0000	51
56 Fluoranthene	202	9.097	9.097	(1.149)	971929	50.0000	51
58 Benzidine	184	9.250	9.250	(1.168)	140755	50.0000	66
57 Pyrene	202	9.309	9.309	(0.886)	926400	50.0000	50
\$ 78 Terphenyl-d14	244	9.491	9.491	(0.904)	645632	50.0000	50
59 Butylbenzylphthalate	149	9.991	9.991	(0.951)	406336	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.056	10.056	(0.957)	1001	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.491	10.491	(0.999)	173272	50.0000	49
61 Benzo(a)anthracene	228	10.491	10.491	(0.999)	604876	50.0000	47
* 81 Chrysene-d12	240	10.503	10.503	(1.000)	410198	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.591	10.591	(1.008)	537787	50.0000	50
62 Chrysene	228	10.532	10.532	(1.003)	584684	50.0000	50
64 Di-n-octylphthalate	149	11.321	11.321	(0.932)	735408	50.0000	50
65 Benzo(b)fluoranthene	252	11.697	11.697	(0.963)	439079	50.0000	47
66 Benzo(k)fluoranthene	252	11.726	11.726	(0.965)	503636	50.0000	48
67 Benzo(a)pyrene	252	12.079	12.079	(0.994)	379294	50.0000	48
* 84 Perylene-d12	264	12.150	12.150	(1.000)	312326	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.467	13.467	(1.108)	362943	50.0000	46(M)
69 Dibenzo(a,h)anthracene	278	13.497	13.497	(1.111)	369419	50.0000	49
70 Benzo(g,h,i)perylene	276	13.785	13.785	(1.135)	372244	50.0000	48

QC Flag Legend

M - Compound response manually integrated.

Operator: BNAMS 4

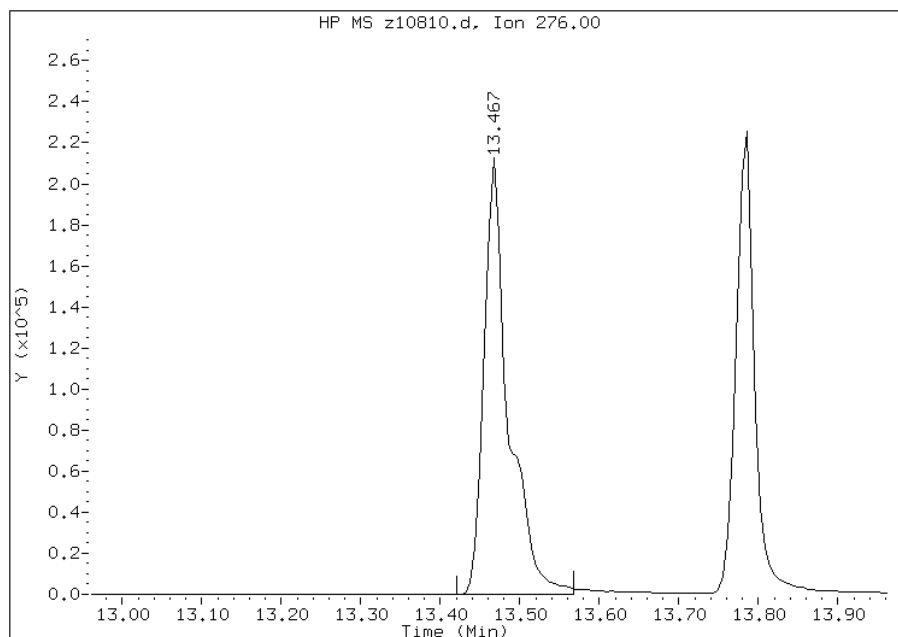


Manual Integration Report

Data File: z10810.d
Inj. Date and Time: 14-OCT-2011 11:09
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/16/2011

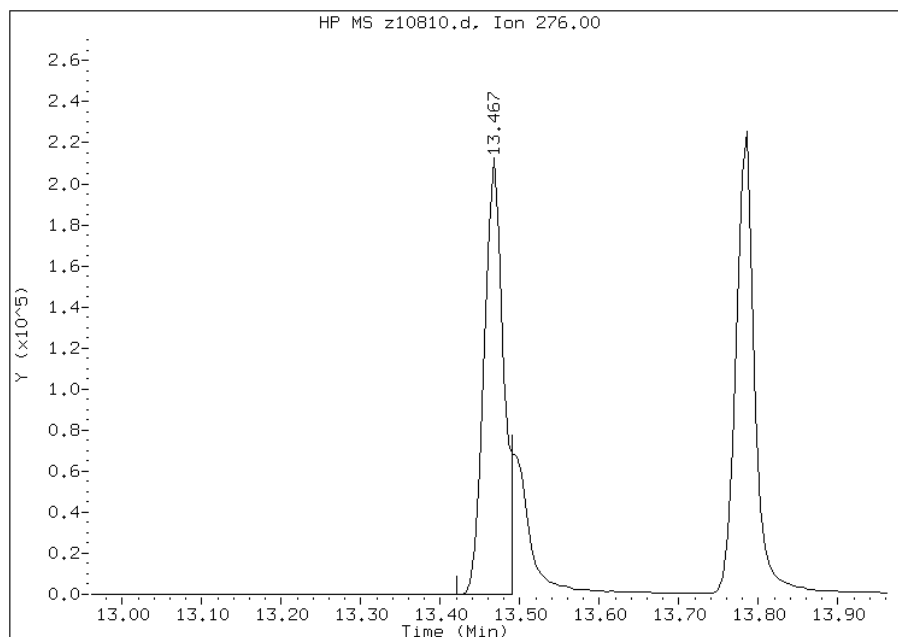
Processing Integration Results

RT: 13.47
Response: 449328
Amount: 50
Conc: 50



Manual Integration Results

RT: 13.47
Response: 362943
Amount: 46
Conc: 46



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10811.d
 Report Date: 14-Oct-2011 13:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10811.d
 Lab Smp Id: IC-1143620
 Inj Date : 14-OCT-2011 11:34
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 13:18 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 11:09 Cal File: z10810.d
 Als bottle: 3 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.057	1.057	(0.307)	990346	120.000	120(H)
19 N-Nitrosodimethylamine	74	1.280	1.280	(0.372)	1358624	120.000	120(AMH)
71 Pyridine	79	1.298	1.298	(0.377)	2386177	120.000	120(MH)
\$ 16 2-Fluorophenol (SUR)	112	2.251	2.251	(0.653)	2103476	120.000	120
110 Benzaldehyde	77	2.998	2.998	(0.870)	238177	120.000	36
\$ 17 Phenol-d5 (SUR)	99	3.145	3.145	(0.913)	2593159	120.000	120
1 Phenol	94	3.156	3.156	(0.916)	2847441	120.000	120(A)
73 Aniline	93	3.121	3.121	(0.906)	2758286	120.000	110
20 bis(2-Chloroethyl)ether	93	3.215	3.215	(0.933)	2617717	120.000	130(A)
2 2-Chlorophenol	128	3.251	3.251	(0.944)	2182636	120.000	110
113 n-decane	43	3.309	3.309	(0.961)	2167320	120.000	110
21 1,3-Dichlorobenzene	146	3.392	3.392	(0.985)	2667046	120.000	120(A)
* 79 1,4-Dichlorobenzene-d4	152	3.445	3.445	(1.000)	542077	40.0000	
22 1,4-Dichlorobenzene	146	3.462	3.462	(1.005)	2730476	120.000	120(A)
74 Benzyl Alcohol	108	3.627	3.627	(1.053)	1254998	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10811.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.615	3.615	(1.050)	2485322	120.000	120(A)
3 2-Methylphenol	108	3.768	3.768	(1.094)	1788551	120.000	120
24 bis (2-chloroisopropyl) ether	45	3.750	3.750	(1.089)	2465053	120.000	110
122 o-Toluidine	107	3.874	3.874	(1.125)	2409482	120.000	120
104 Acetophenone	105	3.898	3.898	(1.131)	2840346	120.000	120
4 4-Methylphenol	108	3.945	3.945	(1.145)	1948081	120.000	110
121 3 & 4 Methylphenol	108	3.945	3.945	(1.145)	1948081	120.000	110
25 N-Nitroso-di-n-propylamine	70	3.915	3.915	(1.137)	1415300	120.000	120(M)
26 Hexachloroethane	117	3.956	3.956	(1.149)	1028925	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	4.039	4.039	(0.851)	2303489	120.000	120
107 N,N-Dimethylaniline	120	4.062	4.062	(1.179)	3341442	120.000	130(A)
27 Nitrobenzene	77	4.062	4.062	(0.856)	3098825	120.000	120
28 Isophorone	82	4.315	4.315	(0.909)	3305610	120.000	110
5 2-Nitrophenol	139	4.374	4.374	(0.922)	1091337	120.000	120(A)
6 2,4-Dimethylphenol	122	4.468	4.468	(0.942)	1636351	120.000	120
29 bis(2-Chloroethoxy)methane	93	4.545	4.545	(0.958)	2205961	120.000	120(A)
7 2,4-Dichlorophenol	162	4.633	4.633	(0.976)	1422418	120.000	120
30 1,2,4-Trichlorobenzene	180	4.697	4.697	(0.990)	1748091	120.000	120(A)
* 80 Naphthalene-d8	136	4.745	4.745	(1.000)	1868531	40.0000	
31 Naphthalene	128	4.768	4.768	(1.005)	6203428	120.000	120(A)
32 4-Chloroaniline	127	4.845	4.845	(1.021)	2039886	120.000	120
33 Hexachlorobutadiene	225	4.909	4.909	(1.035)	1040693	120.000	120
111 Caprolactam	113	5.292	5.292	(1.115)	341717	120.000	110(H)
8 4-Chloro-3-methylphenol	107	5.386	5.386	(1.135)	1339582	120.000	110
34 2-Methylnaphthalene	142	5.468	5.468	(1.152)	3537975	120.000	120
120 1-Methylnaphthalene	142	5.562	5.562	(1.172)	3590131	120.000	120
35 Hexachlorocyclopentadiene	237	5.639	5.639	(0.869)	793363	120.000	140(A)
9 2,4,6-Trichlorophenol	196	5.774	5.774	(0.890)	825092	120.000	120(A)
10 2,4,5-Trichlorophenol	196	5.821	5.821	(0.898)	819640	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	5.850	5.850	(0.902)	3401189	120.000	120(A)
102 Diphenyl	154	5.944	5.944	(0.917)	3911618	120.000	120(A)
36 2-Chloronaphthalene	162	5.950	5.950	(0.917)	2740504	120.000	120
103 Diphenyl Ether	170	6.044	6.044	(0.932)	2031237	120.000	120(A)
37 2-Nitroaniline	65	6.074	6.074	(0.936)	739851	120.000	110
38 Dimethylphthalate	163	6.274	6.274	(0.967)	2439525	120.000	120
114 Coumarin	146	6.268	6.268	(1.321)	779917	120.000	110
40 2,6-Dinitrotoluene	165	6.321	6.321	(0.975)	562998	120.000	120(A)
39 Acenaphthylene	152	6.350	6.350	(0.979)	4188471	120.000	120
41 3-Nitroaniline	138	6.480	6.480	(0.999)	548019	120.000	120
* 82 Acenaphthene-d10	164	6.486	6.486	(1.000)	743606	40.0000	
42 Acenaphthene	154	6.521	6.521	(1.005)	2609760	120.000	120(A)
11 2,4-Dinitrophenol	184	6.591	6.591	(1.016)	278786	120.000	140(A)
12 4-Nitrophenol	65	6.697	6.697	(1.033)	378087	120.000	120
44 2,4-Dinitrotoluene	165	6.721	6.721	(1.036)	644857	120.000	120
43 Dibenzofuran	168	6.691	6.691	(1.032)	3433716	120.000	120(A)
45 Diethylphthalate	149	6.968	6.968	(1.074)	2386999	120.000	120
46 4-Chlorophenyl-phenylether	204	7.044	7.044	(1.086)	1198942	120.000	120

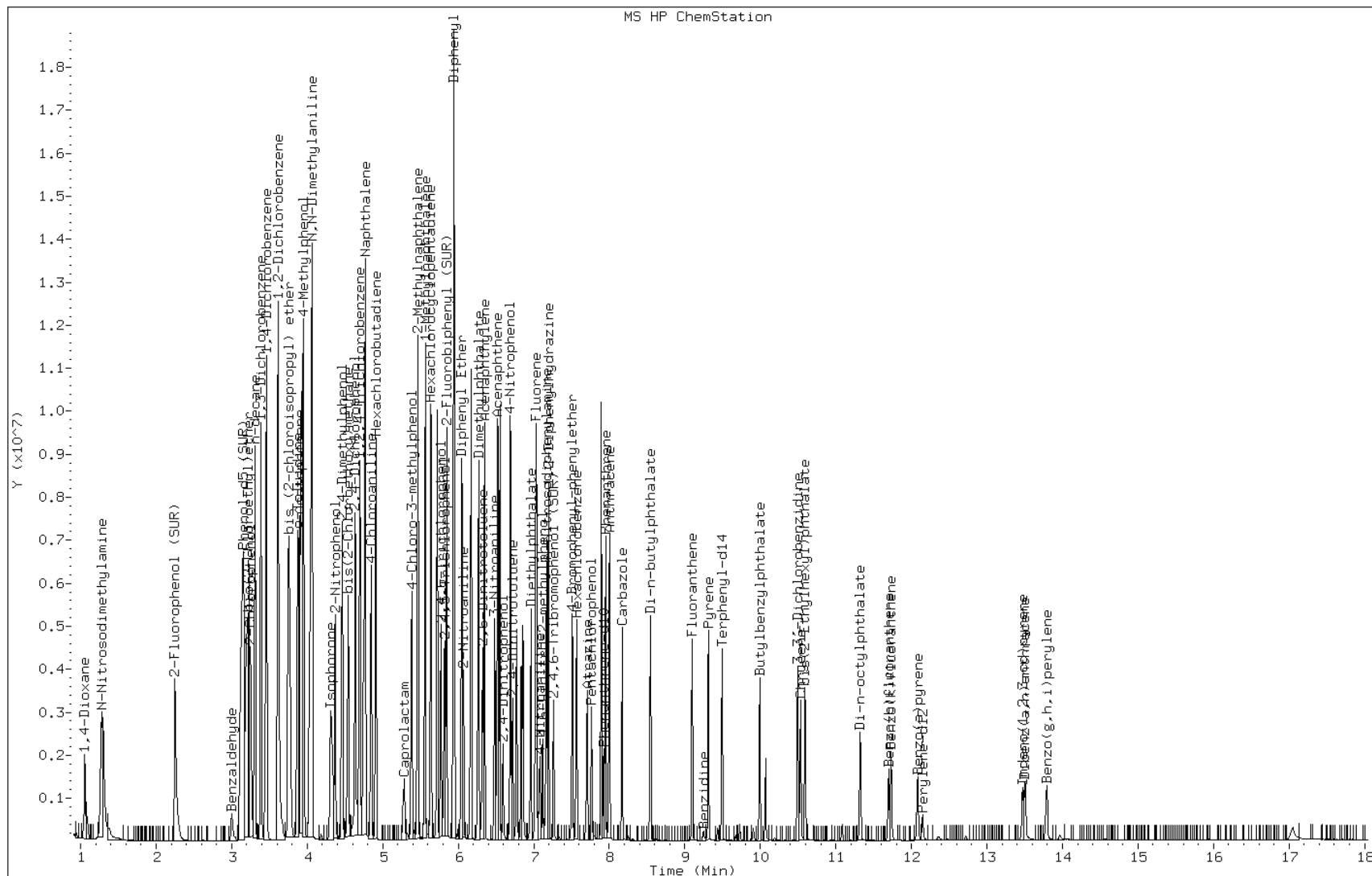
Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10811.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.027	7.027	(1.083)	2621377	120.000	120
48 4-Nitroaniline	138	7.086	7.086	(1.093)	402808	120.000	110
13 4,6-Dinitro-2-methylphenol	198	7.121	7.121	(0.898)	304057	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.168	7.168	(0.904)	1586862	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.197	7.197	(0.908)	3357670	120.000	140(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.268	7.268	(1.121)	352554	120.000	120(A)
50 4-Bromophenyl-phenylether	248	7.515	7.515	(0.948)	624907	120.000	120(A)
51 Hexachlorobenzene	284	7.568	7.568	(0.955)	676201	120.000	120(A)
112 Atrazine	200	7.709	7.709	(0.973)	414821	120.000	110
14 Pentachlorophenol	266	7.768	7.768	(0.980)	317397	120.000	130(A)
* 83 Phenanthrene-d10	188	7.927	7.927	(1.000)	779469	40.0000	
52 Phenanthrene	178	7.950	7.950	(1.003)	2695452	120.000	120(A)
53 Anthracene	178	8.003	8.003	(1.010)	2683998	120.000	120(A)
54 Carbazole	167	8.174	8.174	(1.031)	2015110	120.000	120
55 Di-n-butylphthalate	149	8.550	8.550	(1.079)	2890195	120.000	120(A)
56 Fluoranthene	202	9.103	9.103	(1.148)	1957886	120.000	120
58 Benzidine	184	9.250	9.250	(1.167)	112384	120.000	62
57 Pyrene	202	9.315	9.315	(0.887)	1844207	120.000	120(A)
\$ 78 Terphenyl-d14	244	9.491	9.491	(0.904)	1295499	120.000	120(A)
59 Butylbenzylphthalate	149	9.991	9.991	(0.951)	806080	120.000	120(A)
60 3,3'-Dichlorobenzidine	252	10.491	10.491	(0.999)	327190	120.000	110(A)
61 Benzo(a)anthracene	228	10.497	10.497	(0.999)	1186679	120.000	110
* 81 Chrysene-d12	240	10.503	10.503	(1.000)	333523	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.591	10.591	(1.008)	1085989	120.000	120(A)
62 Chrysene	228	10.532	10.532	(1.003)	1141466	120.000	120(A)
64 Di-n-octylphthalate	149	11.321	11.321	(0.932)	1447121	120.000	120
65 Benzo(b)fluoranthene	252	11.697	11.697	(0.963)	932771	120.000	120
66 Benzo(k)fluoranthene	252	11.732	11.732	(0.966)	992881	120.000	110
67 Benzo(a)pyrene	252	12.085	12.085	(0.995)	782544	120.000	120
* 84 Perylene-d12	264	12.150	12.150	(1.000)	262611	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.473	13.473	(1.109)	805699	120.000	120(A)
69 Dibenz(a,h)anthracene	278	13.509	13.509	(1.112)	810892	120.000	130(A)
70 Benzo(g,h,i)perylene	276	13.797	13.797	(1.136)	835208	120.000	130(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Operator: BNAMS 4

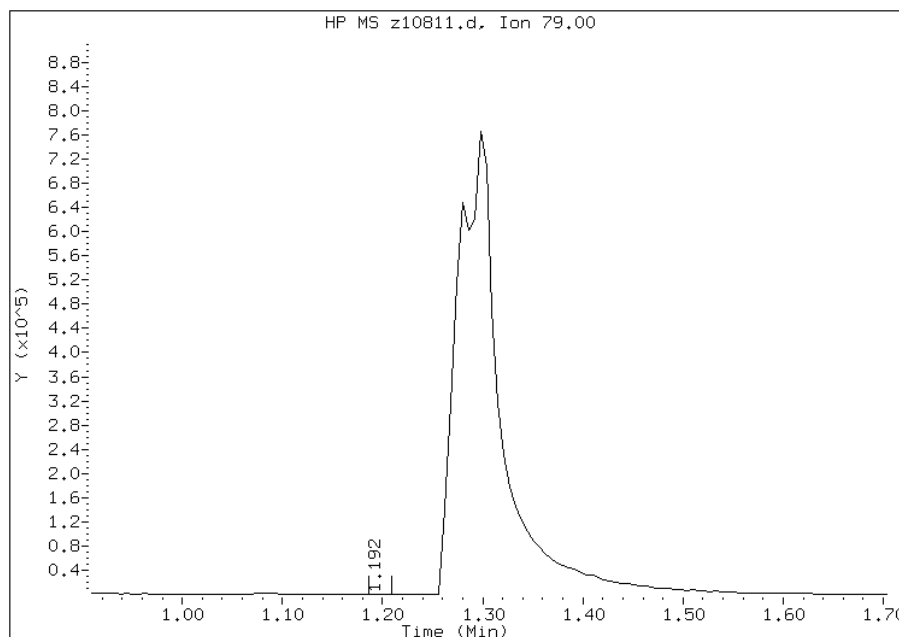


Manual Integration Report

Data File: z10811.d
Inj. Date and Time: 14-OCT-2011 11:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 10/16/2011

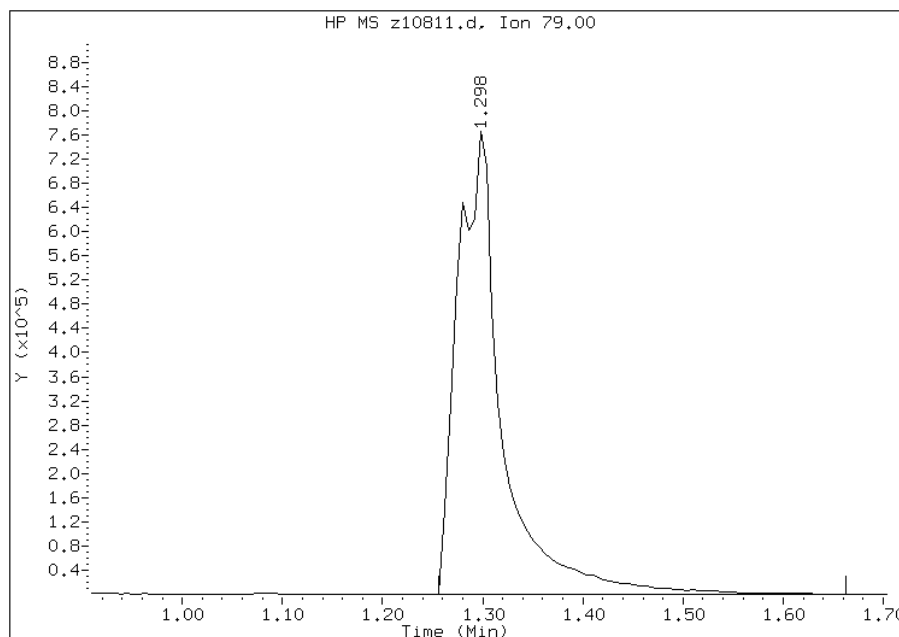
Processing Integration Results

RT: 1.19
Response: 287
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.30
Response: 2386177
Amount: 117
Conc: 117



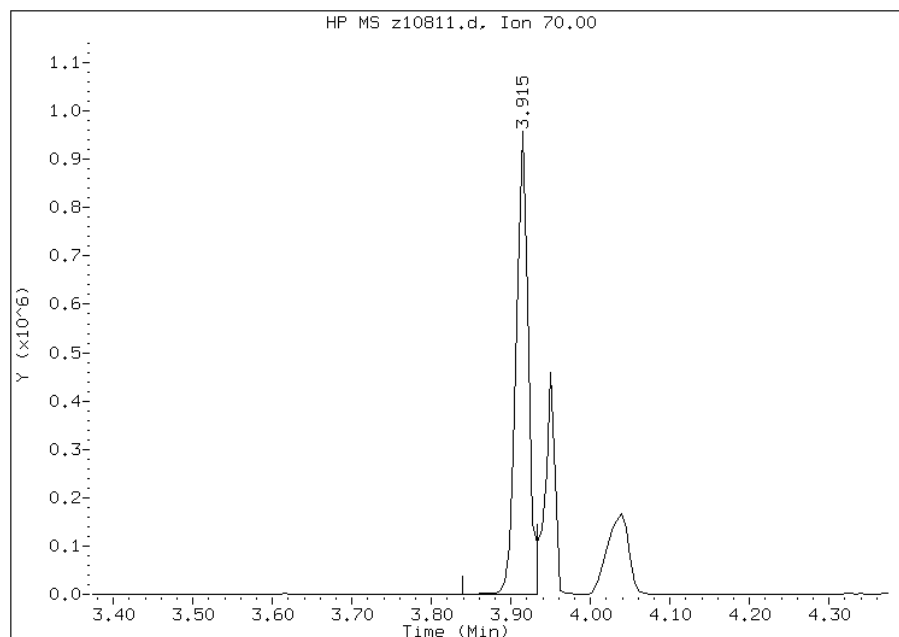
Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10811.d
Inj. Date and Time: 14-OCT-2011 11:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/16/2011

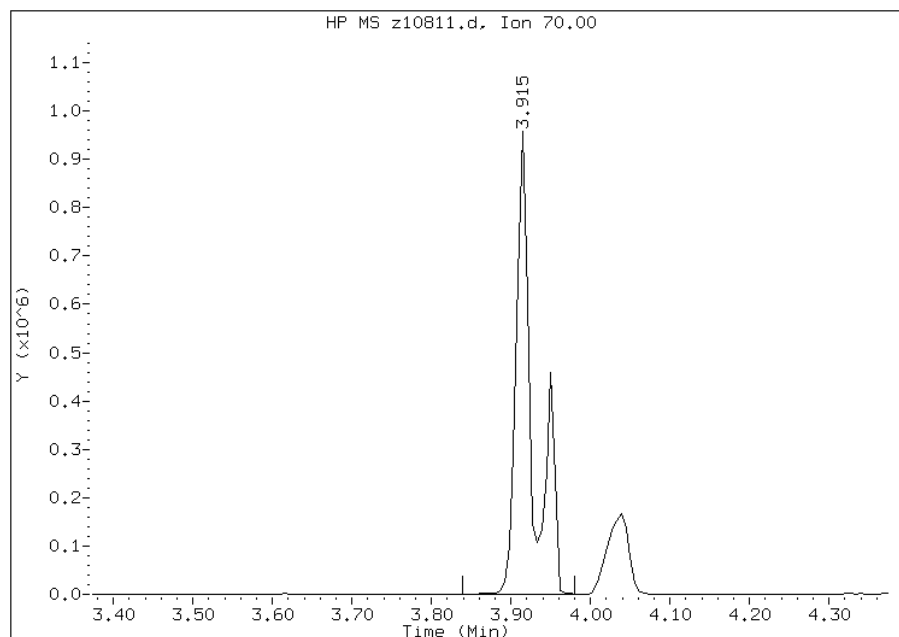
Processing Integration Results

RT: 3.92
Response: 1027205
Amount: 146
Conc: 146



Manual Integration Results

RT: 3.92
Response: 1415300
Amount: 120
Conc: 120



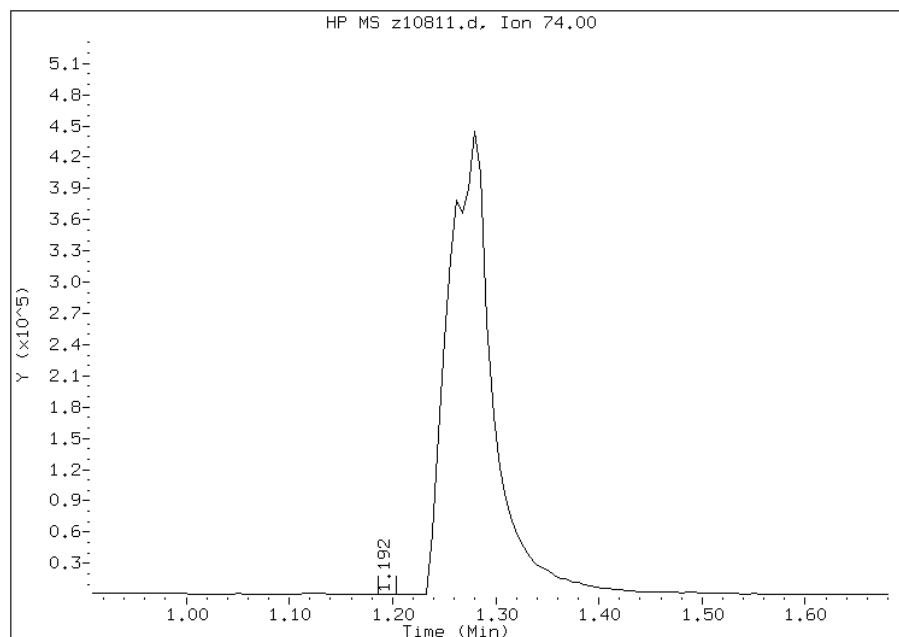
Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10811.d
Inj. Date and Time: 14-OCT-2011 11:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 10/16/2011

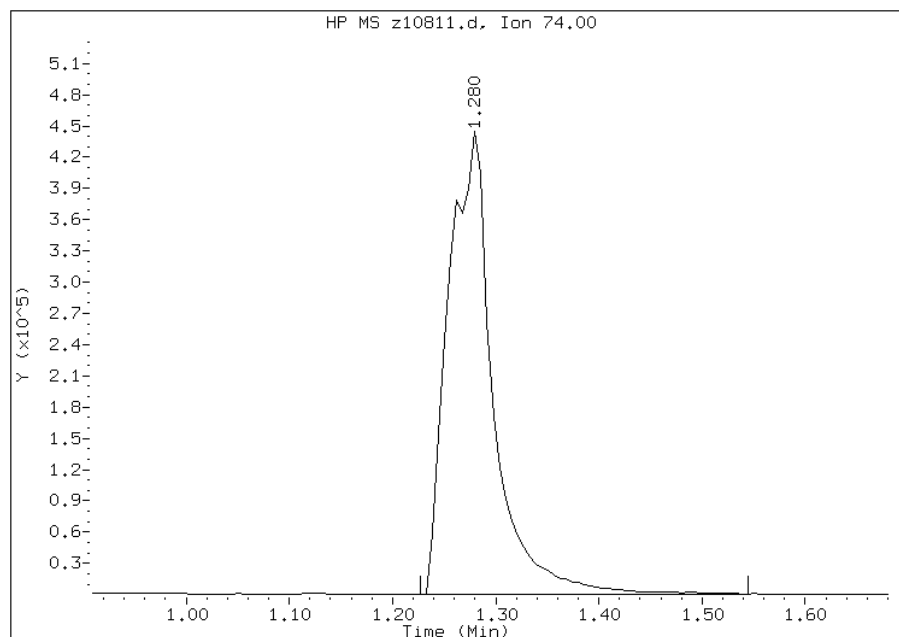
Processing Integration Results

RT: 1.19
Response: 102
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.28
Response: 1358624
Amount: 121
Conc: 121



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10812.d
 Report Date: 14-Oct-2011 13:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10812.d
 Lab Smp Id: IC-1143607
 Inj Date : 14-OCT-2011 11:59
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 13:18 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 11:09 Cal File: z10810.d
 Als bottle: 4 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.009	1.009	(0.295)	45304	5.00000	5.1(H)	
19 N-Nitrosodimethylamine	74	1.198	1.198	(0.349)	59119	5.00000	5.0(H)	
71 Pyridine	79	1.221	1.221	(0.356)	110447	5.00000	5.1(H)	
\$ 16 2-Fluorophenol (SUR)	112	2.209	2.209	(0.645)	95105	5.00000	5.0	
110 Benzaldehyde	77	2.974	2.974	(0.868)	68867	5.00000	9.8	
\$ 17 Phenol-d5 (SUR)	99	3.098	3.098	(0.904)	117547	5.00000	5.1	
1 Phenol	94	3.109	3.109	(0.907)	136570	5.00000	5.5(H)	
73 Aniline	93	3.092	3.092	(0.902)	142875	5.00000	5.2	
20 bis(2-Chloroethyl)ether	93	3.168	3.168	(0.924)	10760	0.50000	0.52(H)	
2 2-Chlorophenol	128	3.215	3.215	(0.938)	109185	5.00000	5.4	
113 n-decane	43	3.298	3.298	(0.962)	116217	5.00000	5.4	
21 1,3-Dichlorobenzene	146	3.368	3.368	(0.983)	113448	5.00000	4.9(a)	
* 79 1,4-Dichlorobenzene-d4	152	3.427	3.427	(1.000)	571890	40.0000		
22 1,4-Dichlorobenzene	146	3.445	3.445	(1.005)	115492	5.00000	4.9(a)	
74 Benzyl Alcohol	108	3.592	3.592	(1.048)	49862	5.00000	4.7(a)	

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10812.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.598	3.598	(1.050)	108049	5.00000	5.0
3 2-Methylphenol	108	3.733	3.733	(1.089)	89065	5.00000	5.4
24 bis (2-chloroisopropyl) ether	45	3.739	3.739	(1.091)	132477	5.00000	5.6
122 o-Toluidine	107	3.845	3.845	(1.122)	106395	5.00000	5.0
104 Acetophenone	105	3.850	3.850	(1.124)	134837	5.00000	5.3(H)
4 4-Methylphenol	108	3.898	3.898	(1.137)	98280	5.00000	5.4
121 3 & 4 Methylphenol	108	3.898	3.898	(1.137)	98280	5.00000	5.4
25 N-Nitroso-di-n-propylamine	70	3.868	3.868	(1.129)	6313	0.50000	0.51(H)
26 Hexachloroethane	117	3.945	3.945	(1.151)	4874	0.50000	0.52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.003	4.003	(0.846)	105941	5.00000	5.0
107 N,N-Dimethylaniline	120	4.033	4.033	(1.177)	11684	0.50000	0.42(a)
27 Nitrobenzene	77	4.021	4.021	(0.850)	14003	0.50000	0.49(a)
28 Isophorone	82	4.274	4.274	(0.903)	166721	5.00000	5.3
5 2-Nitrophenol	139	4.356	4.356	(0.920)	49052	5.00000	5.0
6 2,4-Dimethylphenol	122	4.439	4.439	(0.938)	80910	5.00000	5.3
29 bis(2-Chloroethoxy)methane	93	4.521	4.521	(0.955)	98839	5.00000	5.0
7 2,4-Dichlorophenol	162	4.615	4.615	(0.975)	67680	5.00000	5.2
30 1,2,4-Trichlorobenzene	180	4.686	4.686	(0.990)	8094	0.50000	0.51
* 80 Naphthalene-d8	136	4.733	4.733	(1.000)	2035351	40.0000	
31 Naphthalene	128	4.750	4.750	(1.004)	275313	5.00000	5.0
32 4-Chloroaniline	127	4.827	4.827	(1.020)	100484	5.00000	5.2
33 Hexachlorobutadiene	225	4.903	4.903	(1.036)	9811	1.00000	1.0
111 Caprolactam	113	5.156	5.156	(1.089)	17349	5.00000	5.2
8 4-Chloro-3-methylphenol	107	5.356	5.356	(1.132)	71195	5.00000	5.4
34 2-Methylnaphthalene	142	5.450	5.450	(1.152)	163574	5.00000	5.1
120 1-Methylnaphthalene	142	5.550	5.550	(1.173)	164853	5.00000	5.0(a)
35 Hexachlorocyclopentadiene	237	5.627	5.627	(0.868)	23497	5.00000	3.5(a)
9 2,4,6-Trichlorophenol	196	5.756	5.756	(0.888)	43569	5.00000	5.3
10 2,4,5-Trichlorophenol	196	5.792	5.792	(0.894)	43048	5.00000	5.2
\$ 77 2-Fluorobiphenyl (SUR)	172	5.833	5.833	(0.900)	159500	5.00000	4.8(a)
102 Diphenyl	154	5.927	5.927	(0.915)	195616	5.00000	5.0
36 2-Chloronaphthalene	162	5.933	5.933	(0.916)	138742	5.00000	5.0
103 Diphenyl Ether	170	6.033	6.033	(0.931)	94495	5.00000	4.8(a)
37 2-Nitroaniline	65	6.050	6.050	(0.934)	96276	10.0000	11
38 Dimethylphthalate	163	6.250	6.250	(0.965)	130577	5.00000	5.2
114 Coumarin	146	6.244	6.244	(1.319)	39525	5.00000	5.2
40 2,6-Dinitrotoluene	165	6.297	6.297	(0.972)	5332	1.00000	0.95(a)
39 Acenaphthylene	152	6.333	6.333	(0.977)	215492	5.00000	5.0
41 3-Nitroaniline	138	6.456	6.456	(0.996)	60772	10.0000	10
* 82 Acenaphthene-d10	164	6.480	6.480	(1.000)	902003	40.0000	
42 Acenaphthene	154	6.509	6.509	(1.005)	126822	5.00000	4.9(a)
11 2,4-Dinitrophenol	184	6.574	6.574	(1.015)	23534	15.0000	10(a)
12 4-Nitrophenol	65	6.674	6.674	(1.030)	59145	15.0000	15
44 2,4-Dinitrotoluene	165	6.697	6.697	(1.034)	7452	1.00000	1.1
43 Dibenzofuran	168	6.680	6.680	(1.031)	175388	5.00000	5.1
45 Diethylphthalate	149	6.944	6.944	(1.072)	128132	5.00000	5.2
46 4-Chlorophenyl-phenylether	204	7.033	7.033	(1.085)	61876	5.00000	5.1

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10812.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.015	7.015	(1.083)	133135	5.00000	5.0
48 4-Nitroaniline	138	7.050	7.050	(1.088)	43952	10.0000	10
13 4,6-Dinitro-2-methylphenol	198	7.097	7.097	(0.896)	38917	15.0000	12(a)
49 N-Nitrosodiphenylamine	169	7.150	7.150	(0.903)	90938	5.00000	5.1
75 1,2-Diphenylhydrazine	77	7.180	7.180	(0.906)	140360	5.00000	4.1(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.250	7.250	(1.119)	17653	5.00000	5.0
50 4-Bromophenyl-phenylether	248	7.503	7.503	(0.947)	32582	5.00000	4.8(a)
51 Hexachlorobenzene	284	7.556	7.556	(0.954)	3713	0.50000	0.50
112 Atrazine	200	7.691	7.691	(0.971)	26833	5.00000	5.4
14 Pentachlorophenol	266	7.756	7.756	(0.979)	41628	15.0000	13(a)
* 83 Phenanthrene-d10	188	7.921	7.921	(1.000)	1072352	40.0000	
52 Phenanthrene	178	7.938	7.938	(1.002)	153764	5.00000	5.0
53 Anthracene	178	7.991	7.991	(1.009)	150145	5.00000	4.9(a)
54 Carbazole	167	8.162	8.162	(1.030)	117834	5.00000	5.1
55 Di-n-butylphthalate	149	8.538	8.538	(1.078)	157990	5.00000	4.9(a)
56 Fluoranthene	202	9.091	9.091	(1.148)	115088	5.00000	5.0
58 Benzidine	184	9.244	9.244	(1.167)	21367	10.0000	8.5(a)
57 Pyrene	202	9.303	9.303	(0.886)	112248	5.00000	5.2
\$ 78 Terphenyl-d14	244	9.485	9.485	(0.904)	75708	5.00000	5.1
59 Butylbenzylphthalate	149	9.985	9.985	(0.951)	48294	5.00000	5.2
60 3,3'-Dichlorobenzidine	252	10.485	10.485	(0.999)	48160	10.0000	12
61 Benzo(a)anthracene	228	10.491	10.491	(0.999)	9116	0.50000	0.62
* 81 Chrysene-d12	240	10.497	10.497	(1.000)	472100	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.591	10.591	(1.009)	59693	5.00000	4.9(a)
62 Chrysene	228	10.527	10.527	(1.003)	69783	5.00000	5.2
64 Di-n-octylphthalate	149	11.321	11.321	(0.932)	80602	5.00000	5.1
65 Benzo(b)fluoranthene	252	11.691	11.691	(0.962)	5649	0.50000	0.55
66 Benzo(k)fluoranthene	252	11.721	11.721	(0.965)	7185	0.50000	0.62
67 Benzo(a)pyrene	252	12.073	12.073	(0.994)	4771	0.50000	0.56
* 84 Perylene-d12	264	12.150	12.150	(1.000)	340196	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.462	13.462	(1.108)	4915	0.50000	0.58(M)
69 Dibenzo(a,h)anthracene	278	13.497	13.497	(1.111)	4177	0.50000	0.50
70 Benzo(g,h,i)perylene	276	13.779	13.779	(1.134)	39001	5.00000	4.7(a)

QC Flag Legend

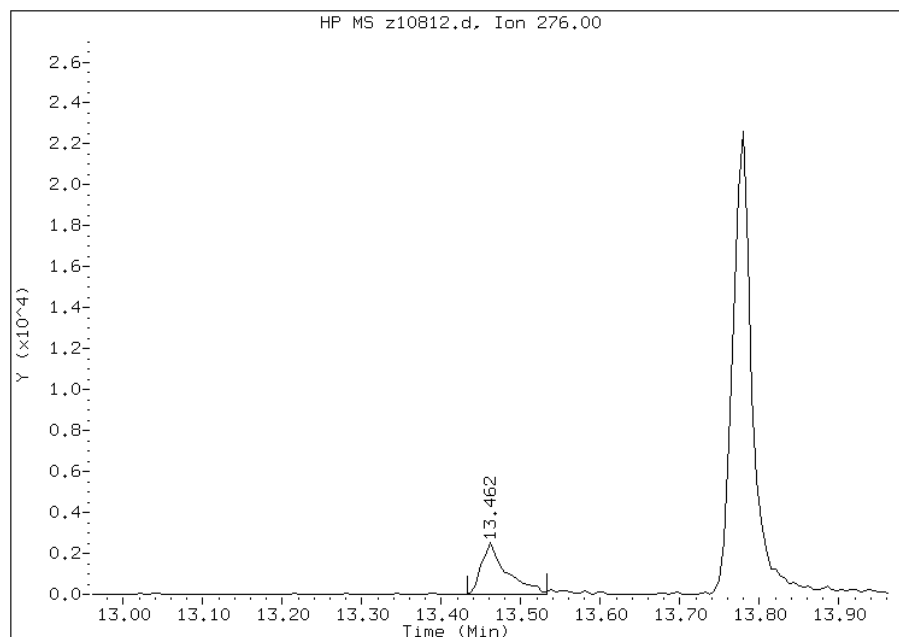
- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z10812.d
Inj. Date and Time: 14-OCT-2011 11:59
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/16/2011

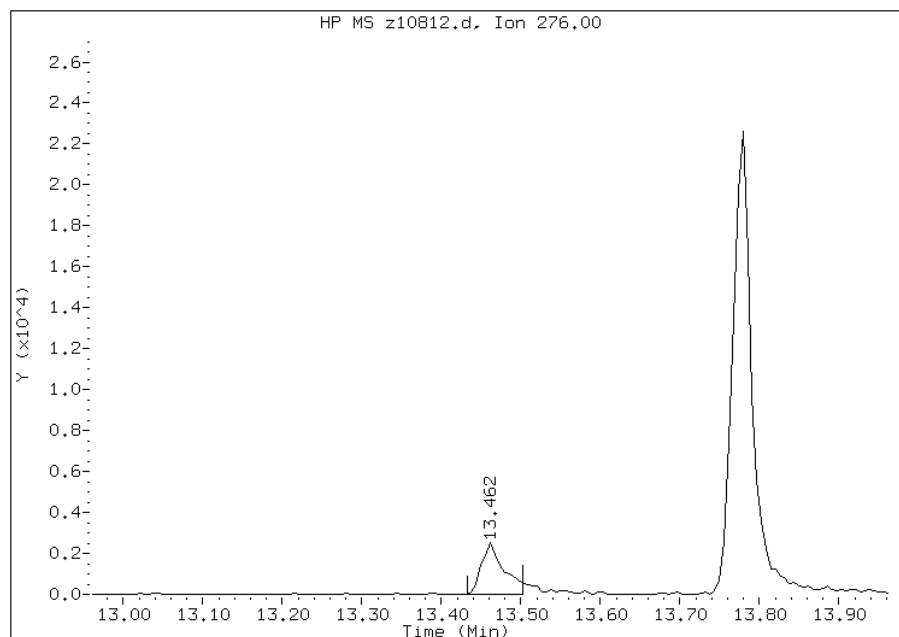
Processing Integration Results

RT: 13.46
Response: 5454
Amount: 1
Conc: 1



Manual Integration Results

RT: 13.46
Response: 4915
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10813.d
 Report Date: 14-Oct-2011 13:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10813.d
 Lab Smp Id: IC-1143619
 Inj Date : 14-OCT-2011 12:24
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 13:18 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 11:09 Cal File: z10810.d
 Als bottle: 5 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.015	1.015 (0.295)		622397	80.0000	81
19 N-Nitrosodimethylamine		74	1.209	1.209 (0.352)		819306	80.0000	80
71 Pyridine		79	1.227	1.227 (0.357)		1462489	80.0000	78
\$ 16 2-Fluorophenol (SUR)		112	2.221	2.221 (0.646)		1235974	80.0000	75
110 Benzaldehyde		77	2.986	2.986 (0.868)		264742	80.0000	43
\$ 17 Phenol-d5 (SUR)		99	3.127	3.127 (0.909)		1465591	80.0000	74
1 Phenol		94	3.144	3.144 (0.914)		1458550	80.0000	68(H)
73 Aniline		93	3.109	3.109 (0.904)		1821284	80.0000	77
20 bis(2-Chloroethyl)ether		93	3.192	3.192 (0.928)		1373095	80.0000	77
2 2-Chlorophenol		128	3.233	3.233 (0.940)		1304086	80.0000	75
113 n-decane		43	3.309	3.309 (0.962)		1419233	80.0000	77
21 1,3-Dichlorobenzene		146	3.380	3.380 (0.983)		1625443	80.0000	81
* 79 1,4-Dichlorobenzene-d4		152	3.439	3.439 (1.000)		495225	40.0000	
22 1,4-Dichlorobenzene		146	3.456	3.456 (1.005)		1630114	80.0000	80
74 Benzyl Alcohol		108	3.615	3.615 (1.051)		734262	80.0000	80

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10813.d
 Report Date: 14-Oct-2011 13:18

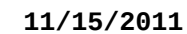
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.609	3.609	(1.050)	1495729	80.0000	80
3 2-Methylphenol	108	3.756	3.756	(1.092)	1036576	80.0000	73
24 bis (2-chloroisopropyl) ether	45	3.744	3.744	(1.089)	1545671	80.0000	75
122 o-Toluidine	107	3.862	3.862	(1.123)	1445046	80.0000	78
104 Acetophenone	105	3.880	3.880	(1.128)	1682973	80.0000	77
4 4-Methylphenol	108	3.921	3.921	(1.140)	1176209	80.0000	75
121 3 & 4 Methylphenol	108	3.921	3.921	(1.140)	1176209	80.0000	75
25 N-Nitroso-di-n-propylamine	70	3.903	3.903	(1.135)	816603	80.0000	76
26 Hexachloroethane	117	3.950	3.950	(1.149)	654514	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.027	4.027	(0.850)	1412211	80.0000	80
107 N,N-Dimethylaniline	120	4.050	4.050	(1.178)	1986064	80.0000	82
27 Nitrobenzene	77	4.050	4.050	(0.855)	1882291	80.0000	79
28 Isophorone	82	4.297	4.297	(0.907)	2002270	80.0000	76
5 2-Nitrophenol	139	4.368	4.368	(0.922)	637254	80.0000	78
6 2,4-Dimethylphenol	122	4.456	4.456	(0.940)	958623	80.0000	75
29 bis(2-Chloroethoxy)methane	93	4.538	4.538	(0.958)	1337357	80.0000	80
7 2,4-Dichlorophenol	162	4.627	4.627	(0.976)	836715	80.0000	76
30 1,2,4-Trichlorobenzene	180	4.691	4.691	(0.990)	1049335	80.0000	79
* 80 Naphthalene-d8	136	4.738	4.738	(1.000)	1698627	40.0000	
31 Naphthalene	128	4.762	4.762	(1.005)	3717947	80.0000	80
32 4-Chloroaniline	127	4.838	4.838	(1.021)	1247391	80.0000	78
33 Hexachlorobutadiene	225	4.909	4.909	(1.036)	637678	80.0000	80
111 Caprolactam	113	5.244	5.244	(1.107)	214913	80.0000	78(H)
8 4-Chloro-3-methylphenol	107	5.374	5.374	(1.134)	847401	80.0000	77
34 2-Methylnaphthalene	142	5.462	5.462	(1.153)	2124701	80.0000	79
120 1-Methylnaphthalene	142	5.556	5.556	(1.173)	2181190	80.0000	80
35 Hexachlorocyclopentadiene	237	5.633	5.633	(0.868)	443680	80.0000	85
9 2,4,6-Trichlorophenol	196	5.762	5.762	(0.888)	497775	80.0000	78
10 2,4,5-Trichlorophenol	196	5.809	5.809	(0.896)	500743	80.0000	78
\$ 77 2-Fluorobiphenyl (SUR)	172	5.844	5.844	(0.901)	2083949	80.0000	81
102 Diphenyl	154	5.938	5.938	(0.916)	2455838	80.0000	81
36 2-Chloronaphthalene	162	5.944	5.944	(0.917)	1697939	80.0000	79
103 Diphenyl Ether	170	6.044	6.044	(0.932)	1229192	80.0000	81
37 2-Nitroaniline	65	6.062	6.062	(0.935)	471238	80.0000	72
38 Dimethylphthalate	163	6.262	6.262	(0.966)	1531388	80.0000	79
114 Coumarin	146	6.256	6.256	(1.320)	489984	80.0000	78
40 2,6-Dinitrotoluene	165	6.315	6.315	(0.974)	350761	80.0000	81
39 Acenaphthylene	152	6.344	6.344	(0.978)	2591973	80.0000	78
41 3-Nitroaniline	138	6.474	6.474	(0.998)	352759	80.0000	80
* 82 Acenaphthene-d10	164	6.485	6.485	(1.000)	696680	40.0000	
42 Acenaphthene	154	6.521	6.521	(1.005)	1586854	80.0000	80
11 2,4-Dinitrophenol	184	6.585	6.585	(1.015)	160956	80.0000	90
12 4-Nitrophenol	65	6.685	6.685	(1.031)	227054	80.0000	75
44 2,4-Dinitrotoluene	165	6.709	6.709	(1.034)	408638	80.0000	78
43 Dibenzofuran	168	6.691	6.691	(1.032)	2092713	80.0000	79
45 Diethylphthalate	149	6.956	6.956	(1.073)	1502122	80.0000	79
46 4-Chlorophenyl-phenylether	204	7.038	7.038	(1.085)	739323	80.0000	79

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10813.d
 Report Date: 14-Oct-2011 13:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.021	7.021	(1.083)	1645891	80.0000	80
48 4-Nitroaniline	138	7.068	7.068	(1.090)	258822	80.0000	78
13 4,6-Dinitro-2-methylphenol	198	7.109	7.109	(0.898)	190017	80.0000	85
49 N-Nitrosodiphenylamine	169	7.162	7.162	(0.904)	1007619	80.0000	81
75 1,2-Diphenylhydrazine	77	7.191	7.191	(0.908)	1993387	80.0000	83
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.262	7.262	(1.120)	213003	80.0000	78
50 4-Bromophenyl-phenylether	248	7.509	7.509	(0.948)	389948	80.0000	81
51 Hexachlorobenzene	284	7.562	7.562	(0.955)	425830	80.0000	81
112 Atrazine	200	7.703	7.703	(0.973)	264565	80.0000	75
14 Pentachlorophenol	266	7.762	7.762	(0.980)	193107	80.0000	84
* 83 Phenanthrene-d10	188	7.921	7.921	(1.000)	754601	40.0000	
52 Phenanthrene	178	7.950	7.950	(1.004)	1719495	80.0000	80
53 Anthracene	178	7.997	7.997	(1.010)	1712582	80.0000	80
54 Carbazole	167	8.168	8.168	(1.031)	1286463	80.0000	79
55 Di-n-butylphthalate	149	8.544	8.544	(1.079)	1868373	80.0000	82
56 Fluoranthene	202	9.097	9.097	(1.149)	1276087	80.0000	80
58 Benzidine	184	9.250	9.250	(1.168)	89085	80.0000	50
57 Pyrene	202	9.309	9.309	(0.886)	1224930	80.0000	78
\$ 78 Terphenyl-d14	244	9.491	9.491	(0.904)	850708	80.0000	77
59 Butylbenzylphthalate	149	9.991	9.991	(0.951)	543862	80.0000	79
60 3,3'-Dichlorobenzidine	252	10.491	10.491	(0.999)	215929	80.0000	72
61 Benzo(a)anthracene	228	10.491	10.491	(0.999)	804348	80.0000	74
* 81 Chrysene-d12	240	10.503	10.503	(1.000)	348147	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.591	10.591	(1.008)	729540	80.0000	81
62 Chrysene	228	10.532	10.532	(1.003)	778267	80.0000	78
64 Di-n-octylphthalate	149	11.320	11.320	(0.932)	998055	80.0000	77
65 Benzo(b)fluoranthene	252	11.697	11.697	(0.963)	683927	80.0000	82
66 Benzo(k)fluoranthene	252	11.726	11.726	(0.965)	678410	80.0000	72
67 Benzo(a)pyrene	252	12.079	12.079	(0.994)	546168	80.0000	78
* 84 Perylene-d12	264	12.150	12.150	(1.000)	277234	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.467	13.467	(1.108)	570108	80.0000	82
69 Dibenz(a,h)anthracene	278	13.503	13.503	(1.111)	546098	80.0000	81
70 Benzo(g,h,i)perylene	276	13.785	13.785	(1.135)	576460	80.0000	85

QC Flag Legend

H - Operator selected an alternate compound hit.



Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10814.d
 Report Date: 14-Oct-2011 13:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10814.d
 Lab Smp Id: IC-1143617
 Inj Date : 14-OCT-2011 12:50
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 13:19 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 11:09 Cal File: z10810.d
 Als bottle: 6 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	0.998	0.998	(0.291)	156130	20.0000	20
19 N-Nitrosodimethylamine		74	1.180	1.180	(0.344)	212978	20.0000	20
71 Pyridine		79	1.203	1.203	(0.351)	392732	20.0000	20
\$ 16 2-Fluorophenol (SUR)		112	2.203	2.203	(0.643)	367792	20.0000	22
110 Benzaldehyde		77	2.974	2.974	(0.868)	134068	20.0000	21
\$ 17 Phenol-d5 (SUR)		99	3.103	3.103	(0.906)	427157	20.0000	21
1 Phenol		94	3.115	3.115	(0.909)	443861	20.0000	20
73 Aniline		93	3.091	3.091	(0.902)	506598	20.0000	21
20 bis(2-Chloroethyl)ether		93	3.174	3.174	(0.926)	341938	20.0000	18
2 2-Chlorophenol		128	3.215	3.215	(0.938)	362917	20.0000	20
113 n-decane		43	3.297	3.297	(0.962)	412152	20.0000	22
21 1,3-Dichlorobenzene		146	3.368	3.368	(0.983)	406023	20.0000	20
* 79 1,4-Dichlorobenzene-d4		152	3.427	3.427	(1.000)	510154	40.0000	
22 1,4-Dichlorobenzene		146	3.444	3.444	(1.005)	410156	20.0000	20
74 Benzyl Alcohol		108	3.591	3.591	(1.048)	174350	20.0000	18

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10814.d
Report Date: 14-Oct-2011 13:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.603	3.603	(1.051)	378556	20.0000	20
3 2-Methylphenol	108	3.739	3.739	(1.091)	293893	20.0000	20
24 bis (2-chloroisopropyl) ether	45	3.739	3.739	(1.091)	436589	20.0000	21
122 o-Toluidine	107	3.850	3.850	(1.124)	388395	20.0000	20
104 Acetophenone	105	3.862	3.862	(1.127)	447906	20.0000	20
4 4-Methylphenol	108	3.897	3.897	(1.137)	324286	20.0000	20
121 3 & 4 Methylphenol	108	3.897	3.897	(1.137)	324286	20.0000	20
25 N-Nitroso-di-n-propylamine	70	3.874	3.874	(1.130)	222010	20.0000	20
26 Hexachloroethane	117	3.944	3.944	(1.151)	167322	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.009	4.009	(0.847)	381303	20.0000	21
107 N,N-Dimethylaniline	120	4.033	4.033	(1.177)	496903	20.0000	20
27 Nitrobenzene	77	4.027	4.027	(0.851)	501539	20.0000	20
28 Isophorone	82	4.280	4.280	(0.904)	548542	20.0000	20
5 2-Nitrophenol	139	4.356	4.356	(0.920)	168810	20.0000	20
6 2,4-Dimethylphenol	122	4.438	4.438	(0.938)	271531	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.527	4.527	(0.956)	340761	20.0000	20
7 2,4-Dichlorophenol	162	4.615	4.615	(0.975)	229612	20.0000	20
30 1,2,4-Trichlorobenzene	180	4.686	4.686	(0.990)	271533	20.0000	20
* 80 Naphthalene-d8	136	4.733	4.733	(1.000)	1769615	40.0000	
31 Naphthalene	128	4.750	4.750	(1.004)	926141	20.0000	19
32 4-Chloroaniline	127	4.827	4.827	(1.020)	333381	20.0000	20
33 Hexachlorobutadiene	225	4.903	4.903	(1.036)	168122	20.0000	20
111 Caprolactam	113	5.180	5.180	(1.094)	61442	20.0000	21
8 4-Chloro-3-methylphenol	107	5.362	5.362	(1.133)	224250	20.0000	20
34 2-Methylnaphthalene	142	5.456	5.456	(1.153)	546222	20.0000	20
120 1-Methylnaphthalene	142	5.550	5.550	(1.173)	571179	20.0000	20
35 Hexachlorocyclopentadiene	237	5.627	5.627	(0.868)	98228	20.0000	18
9 2,4,6-Trichlorophenol	196	5.756	5.756	(0.888)	129845	20.0000	19
10 2,4,5-Trichlorophenol	196	5.797	5.797	(0.895)	131134	20.0000	19
\$ 77 2-Fluorobiphenyl (SUR)	172	5.832	5.832	(0.900)	551957	20.0000	20
102 Diphenyl	154	5.927	5.927	(0.915)	636990	20.0000	20
36 2-Chloronaphthalene	162	5.932	5.932	(0.916)	450585	20.0000	20
103 Diphenyl Ether	170	6.038	6.038	(0.932)	316776	20.0000	20
37 2-Nitroaniline	65	6.050	6.050	(0.934)	144617	20.0000	21
38 Dimethylphthalate	163	6.250	6.250	(0.965)	398194	20.0000	19
114 Coumarin	146	6.244	6.244	(1.319)	134470	20.0000	20
40 2,6-Dinitrotoluene	165	6.303	6.303	(0.973)	91126	20.0000	20
39 Acenaphthylene	152	6.332	6.332	(0.977)	699928	20.0000	20
41 3-Nitroaniline	138	6.462	6.462	(0.997)	92918	20.0000	20
* 82 Acenaphthene-d10	164	6.480	6.480	(1.000)	740789	40.0000	
42 Acenaphthene	154	6.509	6.509	(1.005)	415186	20.0000	20
11 2,4-Dinitrophenol	184	6.574	6.574	(1.015)	53099	30.0000	28
12 4-Nitrophenol	65	6.674	6.674	(1.030)	102081	30.0000	32
44 2,4-Dinitrotoluene	165	6.697	6.697	(1.034)	107813	20.0000	19
43 Dibenzofuran	168	6.680	6.680	(1.031)	546921	20.0000	19
45 Diethylphthalate	149	6.950	6.950	(1.073)	392415	20.0000	19
46 4-Chlorophenyl-phenylether	204	7.032	7.032	(1.085)	194999	20.0000	20

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10814.d
 Report Date: 14-Oct-2011 13:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.015	7.015	(1.083)	430816	20.0000	20
48 4-Nitroaniline	138	7.056	7.056	(1.089)	72118	20.0000	20
13 4,6-Dinitro-2-methylphenol	198	7.097	7.097	(0.896)	71577	30.0000	29
49 N-Nitrosodiphenylamine	169	7.150	7.150	(0.903)	252110	20.0000	18
75 1,2-Diphenylhydrazine	77	7.185	7.185	(0.907)	527079	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.250	7.250	(1.119)	58641	20.0000	20
50 4-Bromophenyl-phenylether	248	7.503	7.503	(0.947)	103049	20.0000	19
51 Hexachlorobenzene	284	7.556	7.556	(0.954)	111521	20.0000	19
112 Atrazine	200	7.691	7.691	(0.971)	79864	20.0000	20
14 Pentachlorophenol	266	7.756	7.756	(0.979)	70853	30.0000	28
* 83 Phenanthrene-d10	188	7.921	7.921	(1.000)	832666	40.0000	
52 Phenanthrene	178	7.938	7.938	(1.002)	464565	20.0000	20
53 Anthracene	178	7.991	7.991	(1.009)	468532	20.0000	20
54 Carbazole	167	8.162	8.162	(1.030)	363424	20.0000	20
55 Di-n-butylphthalate	149	8.544	8.544	(1.079)	488474	20.0000	19
56 Fluoranthene	202	9.091	9.091	(1.148)	350532	20.0000	20
58 Benzidine	184	9.244	9.244	(1.167)	98181	30.0000	50
57 Pyrene	202	9.309	9.309	(0.887)	343080	20.0000	19
\$ 78 Terphenyl-d14	244	9.491	9.491	(0.904)	247856	20.0000	20
59 Butylbenzylphthalate	149	9.985	9.985	(0.951)	146041	20.0000	19
60 3,3'-Dichlorobenzidine	252	10.485	10.485	(0.999)	97282	30.0000	29
61 Benzo(a)anthracene	228	10.491	10.491	(0.999)	225193	20.0000	19
* 81 Chrysene-d12	240	10.497	10.497	(1.000)	388064	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.591	10.591	(1.009)	195221	20.0000	19
62 Chrysene	228	10.526	10.526	(1.003)	217248	20.0000	20
64 Di-n-octylphthalate	149	11.320	11.320	(0.932)	269194	20.0000	20
65 Benzo(b)fluoranthene	252	11.691	11.691	(0.963)	157488	20.0000	19
66 Benzo(k)fluoranthene	252	11.720	11.720	(0.965)	182501	20.0000	19
67 Benzo(a)pyrene	252	12.073	12.073	(0.994)	134515	20.0000	19
* 84 Perylene-d12	264	12.144	12.144	(1.000)	281824	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.461	13.461	(1.108)	123381	20.0000	17
69 Dibenz(a,h)anthracene	278	13.491	13.491	(1.111)	128962	20.0000	19
70 Benzo(g,h,i)perylene	276	13.773	13.773	(1.134)	132784	20.0000	19

Data File: z10814.d

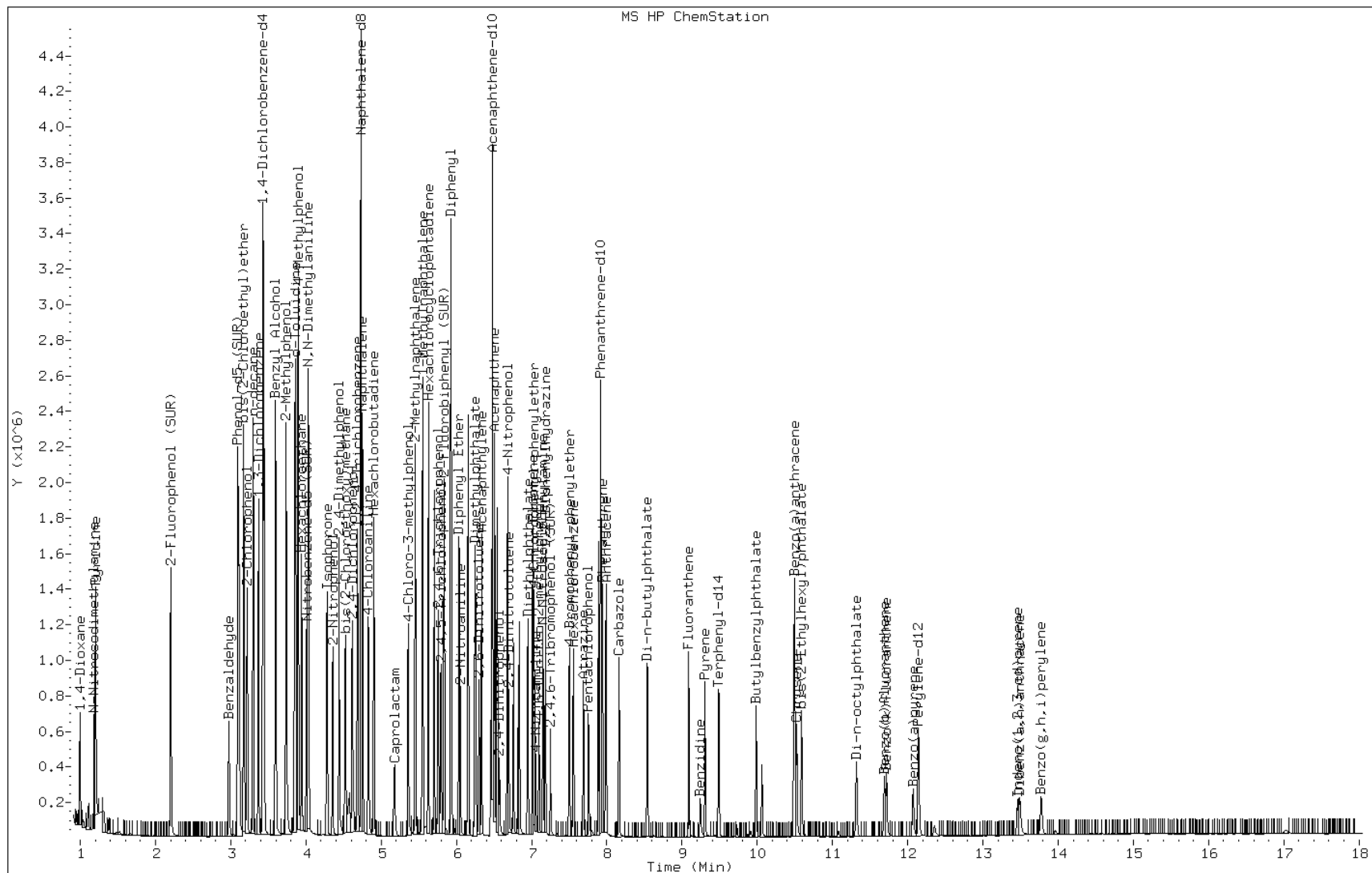
Date: 14-OCT-2011 12:50

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1143617

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89646/2 Calibration Date: 10/13/2011 10:42

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10763.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.6164	0.0500	47600	50000	-4.8	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8162	0.0500	49100	50000	-1.8	25.0
Pyridine	Ave	1.503	1.516	0.0500	50400	50000	0.9	25.0
Benzaldehyde	Ave	0.4704	0.5983	0.0500	63600	50000	27.2*	25.0
Aniline	Ave	1.901	2.011	0.0500	52900	50000	5.8	25.0
Phenol	Ave	1.747	1.724	0.0500	49300	50000	-1.3	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.381	0.0500	51400	50000	2.9	25.0
2-Chlorophenol	Ave	1.390	1.413	0.0500	50800	50000	1.6	25.0
n-Decane	Ave	1.283	1.432	0.0500	55800	50000	11.6	25.0
1,3-Dichlorobenzene	Ave	1.618	1.610	0.0500	49800	50000	-0.5	25.0
1,4-Dichlorobenzene	Ave	1.642	1.629	0.0500	49600	50000	-0.8	25.0
1,2-Dichlorobenzene	Ave	1.519	1.512	0.0500	49800	50000	-0.5	25.0
Benzyl alcohol	Ave	0.7598	0.8440	0.0500	55500	50000	11.1	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.592	0.0500	56300	50000	12.7	25.0
2-Methylphenol	Ave	1.152	1.167	0.0500	50600	50000	1.3	25.0
o-Toluidine	Ave	1.535	1.532	0.0500	49900	50000	-0.2	25.0
Acetophenone	Ave	1.820	1.759	0.0500	48300	50000	-3.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.8860	0.0500	50900	50000	1.8	25.0
3 & 4 Methylphenol	Ave	1.296	1.294	0.0500	49900	50000	-0.1	25.0
4-Methylphenol	Ave	1.296	1.294	0.0500	49900	50000	-0.1	25.0
Hexachloroethane	Ave	0.6334	0.6667	0.0500	52600	50000	5.3	25.0
Nitrobenzene	Ave	0.5433	0.5625	0.0500	51800	50000	3.5	25.0
n,n'-Dimethylaniline	Ave	1.946	2.059	0.0500	52900	50000	5.8	25.0
Isophorone	Ave	0.6190	0.6273	0.0500	50700	50000	1.3	25.0
2-Nitrophenol	Ave	0.1983	0.1896	0.0500	47800	50000	-4.4	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3057	0.0500	50100	50000	0.1	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3855	0.0500	50300	50000	0.6	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2602	0.0500	48600	50000	-2.8	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3089	0.0500	48700	50000	-2.6	25.0
Naphthalene	Ave	1.099	1.091	0.0500	49600	50000	-0.7	25.0
4-Chloroaniline	Ave	0.3849	0.3861	0.0500	50200	50000	0.3	25.0
Hexachlorobutadiene	Ave	0.1928	0.1869	0.0500	48500	50000	-3.1	25.0
Caprolactam	Ave	0.0812	0.0707	0.0500	43500	50000	-13.0	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2650	0.0500	47800	50000	-4.3	25.0
2-Methylnaphthalene	Ave	0.6534	0.6347	0.0500	48600	50000	-2.9	25.0
1-Methylnaphthalene	Ave	0.6708	0.6442	0.0500	48000	50000	-4.0	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.3436	0.0500	49300	50000	-1.5	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3631	0.0500	49000	50000	-2.0	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3757	0.0500	49700	50000	-0.6	25.0
1,1'-Biphenyl	Ave	1.702	1.680	0.0500	49300	50000	-1.3	25.0
2-Chloronaphthalene	Ave	1.203	1.236	0.0500	51400	50000	2.7	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89646/2 Calibration Date: 10/13/2011 10:42

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10763.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.8602	0.0500	50300	50000	0.7	25.0
2-Nitroaniline	Ave	0.3986	0.3810	0.0500	47800	50000	-4.4	25.0
Coumarin	Ave	0.1908	0.1669	0.0500	43700	50000	-12.6	25.0
Dimethyl phthalate	Ave	1.208	1.157	0.0500	47900	50000	-4.2	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2626	0.0500	47600	50000	-4.9	25.0
Acenaphthylene	Ave	1.895	1.928	0.0500	50900	50000	1.7	25.0
3-Nitroaniline	Ave	0.2940	0.2809	0.0500	47800	50000	-4.5	25.0
Acenaphthene	Ave	1.168	1.129	0.0500	48300	50000	-3.4	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1367	0.0500	48800	50000	-2.5	25.0
4-Nitrophenol	Ave	0.2299	0.2072	0.0500	45100	50000	-9.9	25.0
Dibenzofuran	Ave	1.576	1.538	0.0500	48800	50000	-2.4	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3240	0.0500	46000	50000	-8.0	25.0
Diethyl phthalate	Ave	1.235	1.170	0.0500	47400	50000	-5.3	25.0
Fluorene	Ave	1.273	1.226	0.0500	48200	50000	-3.6	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5439	0.0500	46900	50000	-6.1	25.0
4-Nitroaniline	Ave	0.2492	0.2197	0.0500	44100	50000	-11.8	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1353	0.0500	51800	50000	3.6	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6257	0.0500	50600	50000	1.3	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.212	0.0500	54400	50000	8.9	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2446	0.0500	49900	50000	-0.3	25.0
Hexachlorobenzene	Ave	0.2659	0.2598	0.0500	48900	50000	-2.3	25.0
Atrazine	Ave	0.2035	0.1884	0.0500	46300	50000	-7.4	25.0
Pentachlorophenol	Ave	0.1420	0.1370	0.0500	48200	50000	-3.5	25.0
Phenanthrene	Ave	1.161	1.121	0.0500	48300	50000	-3.5	25.0
Anthracene	Ave	1.176	1.141	0.0500	48500	50000	-3.0	25.0
Carbazole	Ave	0.9491	0.9075	0.0500	47800	50000	-4.4	25.0
Di-n-butyl phthalate	Ave	1.296	1.265	0.0500	48800	50000	-2.4	25.0
Fluoranthene	Ave	0.9706	0.9155	0.0500	47200	50000	-5.7	25.0
Benzidine	Ave	0.1089	0.1509	0.0500	69300	50000	38.6*	25.0
Pyrene	Ave	1.693	1.706	0.0500	50400	50000	0.8	25.0
Butyl benzyl phthalate	Ave	0.7744	0.7628	0.0500	49200	50000	-1.5	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1938	0.0500	527	500	5.3	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.3547	0.0500	51300	50000	2.6	25.0
Benzo[a]anthracene	Ave	1.242	1.168	0.0500	47000	50000	-6.0	25.0
Chrysene	Ave	1.118	1.152	0.0500	51500	50000	3.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.035	0.0500	49900	50000	-0.3	25.0
Di-n-octyl phthalate	Ave	2.015	1.910	0.0500	47400	50000	-5.2	25.0
Benzo[b]fluoranthene	Ave	1.190	1.241	0.0500	52100	50000	4.3	25.0
Benzo[k]fluoranthene	Ave	1.332	1.260	0.0500	47300	50000	-5.4	25.0
Benzo[a]pyrene	Ave	0.9679	0.9869	0.0500	51000	50000	2.0	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	0.8704	0.0500	54500	50000	9.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-89646/2 Calibration Date: 10/13/2011 10:42
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10763.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	0.9385	0.0500	56300	50000	12.6	25.0
Benzo[g,h,i]perylene	Ave	0.8506	0.9589	0.0500	56400	50000	12.7	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.378	0.0500	50900	50000	1.9	25.0
Phenol-d5 (Surr)	Ave	1.613	1.620	0.0500	50200	50000	0.4	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4140	0.0500	50500	50000	1.0	25.0
2-Fluorobiphenyl	Ave	1.439	1.445	0.0500	50200	50000	0.4	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1731	0.0500	46500	50000	-7.0	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.165	0.0500	48400	50000	-3.2	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10763.d
 Report Date: 13-Oct-2011 11:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS
 Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10763.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 13-OCT-2011 10:42
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom
 Cal Date : 13-OCT-2011 10:42
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.002	1.002	(0.291)		366902	50.0000	48
19 N-Nitrosodimethylamine	74	1.191	1.191	(0.345)		485807	50.0000	49
71 Pyridine	79	1.208	1.208	(0.350)		902440	50.0000	50
\$ 16 2-Fluorophenol (SUR)	112	2.214	2.214	(0.642)		819991	50.0000	51
110 Benzaldehyde	77	2.996	2.996	(0.869)		356109	50.0000	64
\$ 17 Phenol-d5 (SUR)	99	3.132	3.132	(0.908)		964117	50.0000	50
1 Phenol	94	3.143	3.143	(0.911)		1025913	50.0000	49
73 Aniline	93	3.114	3.114	(0.903)		1196962	50.0000	53
20 bis(2-Chloroethyl)ether	93	3.196	3.196	(0.927)		822207	50.0000	51
2 2-Chlorophenol	128	3.243	3.243	(0.940)		841042	50.0000	51
113 n-decane	43	3.320	3.320	(0.962)		852107	50.0000	56
21 1,3-Dichlorobenzene	146	3.391	3.391	(0.983)		958486	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.449	(1.000)		476196	40.0000	
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)		969413	50.0000	50
74 Benzyl Alcohol	108	3.620	3.620	(1.049)		502395	50.0000	56

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10763.d
Report Date: 13-Oct-2011 11:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	900158	50.0000	50
3 2-Methylphenol	108	3.761	3.761	(1.090)	694411	50.0000	51
24 bis (2-chloroisopropyl) ether	45	3.755	3.755	(1.089)	947513	50.0000	56
122 o-Toluidine	107	3.873	3.873	(1.123)	911943	50.0000	50
104 Acetophenone	105	3.890	3.890	(1.128)	1046757	50.0000	48
4 4-Methylphenol	108	3.926	3.926	(1.138)	770466	50.0000	50
121 3 & 4 Methylphenol	108	3.926	3.926	(1.138)	770466	50.0000	50
25 N-Nitroso-di-n-propylamine	70	3.908	3.908	(1.133)	527411	50.0000	51
26 Hexachloroethane	117	3.967	3.967	(1.150)	396849	50.0000	53
\$ 76 Nitrobenzene-d5 (SUR)	82	4.032	4.032	(0.848)	870312	50.0000	50
107 N,N-Dimethylaniline	120	4.061	4.061	(1.177)	1225385	50.0000	53
27 Nitrobenzene	77	4.055	4.055	(0.853)	1182254	50.0000	52
28 Isophorone	82	4.302	4.302	(0.905)	1318473	50.0000	51
5 2-Nitrophenol	139	4.379	4.379	(0.921)	398562	50.0000	48
6 2,4-Dimethylphenol	122	4.461	4.461	(0.938)	642513	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.549	4.549	(0.957)	810320	50.0000	50
7 2,4-Dichlorophenol	162	4.638	4.638	(0.975)	546984	50.0000	48
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.990)	649357	50.0000	49
* 80 Naphthalene-d8	136	4.755	4.755	(1.000)	1681586	40.0000	
31 Naphthalene	128	4.773	4.773	(1.004)	2293118	50.0000	50
32 4-Chloroaniline	127	4.849	4.849	(1.020)	811584	50.0000	50
33 Hexachlorobutadiene	225	4.920	4.920	(1.035)	392792	50.0000	48
111 Caprolactam	113	5.237	5.237	(1.101)	148535	50.0000	44
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.132)	557033	50.0000	48
34 2-Methylnaphthalene	142	5.473	5.473	(1.151)	1334212	50.0000	48
120 1-Methylnaphthalene	142	5.573	5.573	(1.172)	1354103	50.0000	48
35 Hexachlorocyclopentadiene	237	5.649	5.649	(0.870)	310709	50.0000	49
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	328298	50.0000	49
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.896)	339758	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1307024	50.0000	50
102 Diphenyl	154	5.949	5.949	(0.916)	1518847	50.0000	49
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	1117378	50.0000	51
103 Diphenyl Ether	170	6.055	6.055	(0.932)	777809	50.0000	50
37 2-Nitroaniline	65	6.073	6.073	(0.935)	344501	50.0000	48
38 Dimethylphthalate	163	6.273	6.273	(0.966)	1046282	50.0000	48
114 Coumarin	146	6.267	6.267	(1.318)	350790	50.0000	44
40 2,6-Dinitrotoluene	165	6.326	6.326	(0.974)	237467	50.0000	48
39 Acenaphthylene	152	6.355	6.355	(0.978)	1743034	50.0000	51
41 3-Nitroaniline	138	6.484	6.484	(0.998)	254002	50.0000	48
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	723388	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	1021033	50.0000	48
11 2,4-Dinitrophenol	184	6.596	6.596	(1.015)	123608	50.0000	49
12 4-Nitrophenol	65	6.696	6.696	(1.031)	187312	50.0000	45
44 2,4-Dinitrotoluene	165	6.720	6.720	(1.034)	292999	50.0000	46
43 Dibenzofuran	168	6.702	6.702	(1.032)	1390596	50.0000	49
45 Diethylphthalate	149	6.973	6.973	(1.073)	1057791	50.0000	47
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	491797	50.0000	47

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10763.d
 Report Date: 13-Oct-2011 11:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.037	7.037	(1.083)	1108884	50.0000	48
48 4-Nitroaniline	138	7.079	7.079	(1.090)	198612	50.0000	44
13 4,6-Dinitro-2-methylphenol	198	7.120	7.120	(0.897)	151403	50.0000	52
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.904)	700072	50.0000	51
75 1,2-Diphenylhydrazine	77	7.202	7.202	(0.907)	1356398	50.0000	54
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.273	7.273	(1.120)	156479	50.0000	46
50 4-Bromophenyl-phenylether	248	7.520	7.520	(0.947)	273644	50.0000	50
51 Hexachlorobenzene	284	7.578	7.578	(0.955)	290715	50.0000	49
112 Atrazine	200	7.714	7.714	(0.972)	210818	50.0000	46
14 Pentachlorophenol	266	7.778	7.778	(0.980)	153316	50.0000	48
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	895105	40.0000	
52 Phenanthrene	178	7.961	7.961	(1.003)	1253728	50.0000	48
53 Anthracene	178	8.008	8.008	(1.009)	1276155	50.0000	48
54 Carbazole	167	8.178	8.178	(1.030)	1015408	50.0000	48
55 Di-n-butylphthalate	149	8.561	8.561	(1.079)	1414939	50.0000	49
56 Fluoranthene	202	9.114	9.114	(1.148)	1024348	50.0000	47
58 Benzidine	184	9.261	9.261	(1.167)	168843	50.0000	69
57 Pyrene	202	9.325	9.325	(0.886)	996784	50.0000	50
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.904)	680802	50.0000	48
59 Butylbenzylphthalate	149	10.002	10.002	(0.951)	445658	50.0000	49
109 2,3,7,8-TCDD (Screen)	320	10.072	10.072	(0.958)	1132	0.50000	0.53
60 3,3'-Dichlorobenzidine	252	10.502	10.502	(0.998)	207228	50.0000	51
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	682143	50.0000	47
* 81 Chrysene-d12	240	10.519	10.519	(1.000)	467410	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	604953	50.0000	50
62 Chrysene	228	10.549	10.549	(1.003)	672872	50.0000	52
64 Di-n-octylphthalate	149	11.337	11.337	(0.932)	849077	50.0000	47
65 Benzo(b)fluoranthene	252	11.714	11.714	(0.963)	551452	50.0000	52
66 Benzo(k)fluoranthene	252	11.743	11.743	(0.965)	560078	50.0000	47
67 Benzo(a)pyrene	252	12.096	12.096	(0.994)	438670	50.0000	51
* 84 Perylene-d12	264	12.166	12.166	(1.000)	355594	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.484	13.484	(1.108)	386904	50.0000	54
69 Dibenz(a,h)anthracene	278	13.519	13.519	(1.111)	417141	50.0000	56
70 Benzo(g,h,i)perylene	276	13.807	13.807	(1.135)	426234	50.0000	56

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-89647/1 Calibration Date: 10/13/2011 20:38

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10786.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.7152	0.0500	55200	50000	10.5	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8673	0.0500	52200	50000	4.4	25.0
Pyridine	Ave	1.503	1.667	0.0500	55500	50000	10.9	25.0
Benzaldehyde	Ave	0.4704	0.6989	0.0500	74300	50000	48.6*	25.0
Aniline	Ave	1.901	1.775	0.0500	46700	50000	-6.6	25.0
Phenol	Ave	1.747	1.510	0.0500	43200	50000	-13.5	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.386	0.0500	51600	50000	3.2	25.0
2-Chlorophenol	Ave	1.390	1.351	0.0500	48600	50000	-2.8	25.0
n-Decane	Ave	1.283	1.687	0.0500	65700	50000	31.5*	25.0
1,3-Dichlorobenzene	Ave	1.618	1.614	0.0500	49900	50000	-0.2	25.0
1,4-Dichlorobenzene	Ave	1.642	1.626	0.0500	49500	50000	-0.9	25.0
Benzyl alcohol	Ave	0.7598	0.6100	0.0500	40100	50000	-19.7	25.0
1,2-Dichlorobenzene	Ave	1.519	1.489	0.0500	49000	50000	-2.0	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.762	0.0500	62300	50000	24.7	25.0
2-Methylphenol	Ave	1.152	1.076	0.0500	46700	50000	-6.6	25.0
o-Toluidine	Ave	1.535	1.449	0.0500	47200	50000	-5.6	25.0
Acetophenone	Ave	1.820	1.738	0.0500	47800	50000	-4.5	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.9258	0.0500	53200	50000	6.3	25.0
3 & 4 Methylphenol	Ave	1.296	1.198	0.0500	46200	50000	-7.6	25.0
4-Methylphenol	Ave	1.296	1.198	0.0500	46200	50000	-7.6	25.0
Hexachloroethane	Ave	0.6334	0.6365	0.0500	50200	50000	0.5	25.0
Nitrobenzene	Ave	0.5433	0.6067	0.0500	55800	50000	11.7	25.0
n,n'-Dimethylaniline	Ave	1.946	1.947	0.0500	50000	50000	0.0	25.0
Isophorone	Ave	0.6190	0.6986	0.0500	56400	50000	12.9	25.0
2-Nitrophenol	Ave	0.1983	0.1955	0.0500	49300	50000	-1.4	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3145	0.0500	51500	50000	3.0	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.4235	0.0500	55300	50000	10.5	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2558	0.0500	47800	50000	-4.5	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3152	0.0500	49700	50000	-0.7	25.0
Naphthalene	Ave	1.099	1.082	0.0500	49300	50000	-1.5	25.0
4-Chloroaniline	Ave	0.3849	0.3657	0.0500	47500	50000	-5.0	25.0
Hexachlorobutadiene	Ave	0.1928	0.1944	0.0500	50400	50000	0.8	25.0
Caprolactam	Ave	0.0812	0.0838	0.0500	51600	50000	3.3	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2598	0.0500	46900	50000	-6.2	25.0
2-Methylnaphthalene	Ave	0.6534	0.6139	0.0500	47000	50000	-6.0	25.0
1-Methylnaphthalene	Ave	0.6708	0.6286	0.0500	46900	50000	-6.3	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.1662	0.0500	23800	50000	-52.4*	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3624	0.0500	48900	50000	-2.2	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3726	0.0500	49300	50000	-1.4	25.0
1,1'-Biphenyl	Ave	1.702	1.728	0.0500	50800	50000	1.5	25.0
2-Chloronaphthalene	Ave	1.203	1.227	0.0500	51000	50000	2.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-89647/1 Calibration Date: 10/13/2011 20:38

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10786.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.9169	0.0500	53700	50000	7.3	25.0
2-Nitroaniline	Ave	0.3986	0.3844	0.0500	48200	50000	-3.6	25.0
Coumarin	Ave	0.1908	0.1757	0.0500	46000	50000	-7.9	25.0
Dimethyl phthalate	Ave	1.208	1.357	0.0500	56200	50000	12.4	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2943	0.0500	53300	50000	6.6	25.0
Acenaphthylene	Ave	1.895	1.944	0.0500	51300	50000	2.6	25.0
3-Nitroaniline	Ave	0.2940	0.2923	0.0500	49700	50000	-0.6	25.0
Acenaphthene	Ave	1.168	1.155	0.0500	49400	50000	-1.1	25.0
2,4-Dinitrophenol	Ave	0.1402	0.0800	0.0500	28500	50000	-43.0*	25.0
4-Nitrophenol	Ave	0.2299	0.2462	0.0500	53600	50000	7.1	25.0
Dibenzofuran	Ave	1.576	1.544	0.0500	49000	50000	-2.0	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3583	0.0500	50900	50000	1.7	25.0
Diethyl phthalate	Ave	1.235	1.384	0.0500	56000	50000	12.1	25.0
Fluorene	Ave	1.273	1.238	0.0500	48600	50000	-2.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5708	0.0500	49300	50000	-1.5	25.0
4-Nitroaniline	Ave	0.2492	0.2483	0.0500	49800	50000	-0.4	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.0946	0.0500	36200	50000	-27.6*	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6644	0.0500	53800	50000	7.5	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.248	0.0500	56100	50000	12.1	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2442	0.0500	49800	50000	-0.4	25.0
Hexachlorobenzene	Ave	0.2659	0.2649	0.0500	49800	50000	-0.4	25.0
Atrazine	Ave	0.2035	0.2165	0.0500	53200	50000	6.4	25.0
Pentachlorophenol	Ave	0.1420	0.1253	0.0500	44100	50000	-11.8	25.0
Phenanthrene	Ave	1.161	1.101	0.0500	47400	50000	-5.1	25.0
Anthracene	Ave	1.176	1.195	0.0500	50800	50000	1.6	25.0
Carbazole	Ave	0.9491	0.9726	0.0500	51200	50000	2.5	25.0
Di-n-butyl phthalate	Ave	1.296	1.479	0.0500	57100	50000	14.1	25.0
Fluoranthene	Ave	0.9706	1.010	0.0500	52000	50000	4.0	25.0
Benzidine	Ave	0.1089	0.3069	0.0500	141000	50000	181.8*	25.0
Pyrene	Ave	1.693	1.170	0.0500	34600	50000	-30.9*	25.0
Butyl benzyl phthalate	Ave	0.7744	0.6676	0.0500	43100	50000	-13.8	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1725	0.0500	469	500	-6.2	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.4525	0.0500	65400	50000	30.9*	25.0
Benzo[a]anthracene	Ave	1.242	1.172	0.0500	47200	50000	-5.7	25.0
Chrysene	Ave	1.118	1.126	0.0500	50400	50000	0.8	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	0.9342	0.0500	45000	50000	-10.0	25.0
Di-n-octyl phthalate	Ave	2.015	1.101	0.0500	27300	50000	-45.3*	25.0
Benzo[b]fluoranthene	Ave	1.190	1.045	0.0500	43900	50000	-12.2	25.0
Benzo[k]fluoranthene	Ave	1.332	1.044	0.0500	39200	50000	-21.7	25.0
Benzo[a]pyrene	Ave	0.9679	0.9555	0.0500	49400	50000	-1.3	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	1.191	0.0500	74600	50000	49.2*	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89647/1 Calibration Date: 10/13/2011 20:38
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10786.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	1.185	0.0500	71100	50000	42.2*	25.0
Benzo[g,h,i]perylene	Ave	0.8506	1.234	0.0500	72600	50000	45.1*	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.360	0.0500	50300	50000	0.6	25.0
Phenol-d5 (Surr)	Ave	1.613	1.507	0.0500	46700	50000	-6.6	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4369	0.0500	53300	50000	6.6	25.0
2-Fluorobiphenyl	Ave	1.439	1.529	0.0500	53100	50000	6.2	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1757	0.0500	47200	50000	-5.5	25.0
Terphenyl-d14 (Surr)	Ave	1.204	0.8458	0.0500	35100	50000	-29.7*	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11bbr.b/z10786.d
 Report Date: 14-Oct-2011 02:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11bbr.b/z10786.d
 Lab Smp Id: CCV-1143618
 Inj Date : 13-OCT-2011 20:38
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11bbr.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 02:39 asfawa
 Cal Date : 13-OCT-2011 20:38
 Als bottle: 25
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10786.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	0.997	0.997	(0.289)	269744	50.0000	55
19 N-Nitrosodimethylamine		74	1.185	1.185	(0.343)	327098	50.0000	52
71 Pyridine		79	1.202	1.202	(0.349)	628860	50.0000	55
\$ 16 2-Fluorophenol (SUR)		112	2.214	2.214	(0.642)	513084	50.0000	50
110 Benzaldehyde		77	2.997	2.997	(0.869)	263605	50.0000	74
\$ 17 Phenol-d5 (SUR)		99	3.126	3.126	(0.906)	568389	50.0000	47
1 Phenol		94	3.138	3.138	(0.910)	569531	50.0000	43
73 Aniline		93	3.114	3.114	(0.903)	669382	50.0000	47
20 bis(2-Chloroethyl)ether		93	3.196	3.196	(0.927)	522879	50.0000	52
2 2-Chlorophenol		128	3.238	3.238	(0.939)	509670	50.0000	49
113 n-decane		43	3.320	3.320	(0.962)	636376	50.0000	66
21 1,3-Dichlorobenzene		146	3.391	3.391	(0.983)	608719	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.449	3.449	(1.000)	301728	40.0000	
22 1,4-Dichlorobenzene		146	3.467	3.467	(1.005)	613381	50.0000	50
74 Benzyl Alcohol		108	3.614	3.614	(1.048)	230074	50.0000	40

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11bbr.b/z10786.d
Report Date: 14-Oct-2011 02:39

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	561484	50.0000	49
3 2-Methylphenol	108	3.761	3.761	(1.090)	405892	50.0000	47
24 bis (2-chloroisopropyl) ether	45	3.755	3.755	(1.089)	664418	50.0000	62
122 o-Toluidine	107	3.873	3.873	(1.123)	546432	50.0000	47
104 Acetophenone	105	3.885	3.885	(1.126)	655686	50.0000	48
4 4-Methylphenol	108	3.920	3.920	(1.136)	451968	50.0000	46
121 3 & 4 Methylphenol	108	3.920	3.920	(1.136)	451968	50.0000	46
25 N-Nitroso-di-n-propylamine	70	3.896	3.896	(1.130)	349155	50.0000	53
26 Hexachloroethane	117	3.961	3.961	(1.148)	240057	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.026	(0.848)	531321	50.0000	53
107 N,N-Dimethylaniline	120	4.055	4.055	(1.176)	734202	50.0000	50
27 Nitrobenzene	77	4.049	4.049	(0.853)	737844	50.0000	56
28 Isophorone	82	4.296	4.296	(0.905)	849637	50.0000	56
5 2-Nitrophenol	139	4.373	4.373	(0.921)	237800	50.0000	49
6 2,4-Dimethylphenol	122	4.461	4.461	(0.939)	382460	50.0000	52
29 bis(2-Chloroethoxy)methane	93	4.543	4.543	(0.957)	515058	50.0000	55
7 2,4-Dichlorophenol	162	4.638	4.638	(0.976)	311070	50.0000	48
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.991)	383313	50.0000	50
* 80 Naphthalene-d8	136	4.749	4.749	(1.000)	972947	40.0000	
31 Naphthalene	128	4.773	4.773	(1.005)	1316412	50.0000	49
32 4-Chloroaniline	127	4.849	4.849	(1.021)	444778	50.0000	48
33 Hexachlorobutadiene	225	4.920	4.920	(1.036)	236476	50.0000	50
111 Caprolactam	113	5.220	5.220	(1.099)	101960	50.0000	52
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.134)	315933	50.0000	47
34 2-Methylnaphthalene	142	5.473	5.473	(1.152)	746636	50.0000	47
120 1-Methylnaphthalene	142	5.567	5.567	(1.172)	764458	50.0000	47
35 Hexachlorocyclopentadiene	237	5.643	5.643	(0.869)	81404	50.0000	24
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	177501	50.0000	49
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.896)	182507	50.0000	49
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	749011	50.0000	53
102 Diphenyl	154	5.949	5.949	(0.916)	846497	50.0000	51
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	601174	50.0000	51
103 Diphenyl Ether	170	6.055	6.055	(0.932)	449164	50.0000	54
37 2-Nitroaniline	65	6.073	6.073	(0.935)	188291	50.0000	48
38 Dimethylphthalate	163	6.273	6.273	(0.966)	664977	50.0000	56
114 Coumarin	146	6.267	6.267	(1.320)	213656	50.0000	46
40 2,6-Dinitrotoluene	165	6.320	6.320	(0.973)	144176	50.0000	53
39 Acenaphthylene	152	6.355	6.355	(0.978)	952134	50.0000	51
41 3-Nitroaniline	138	6.479	6.479	(0.997)	143191	50.0000	50
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	391893	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	565938	50.0000	49
11 2,4-Dinitrophenol	184	6.590	6.590	(1.014)	39172	50.0000	28
12 4-Nitrophenol	65	6.696	6.696	(1.031)	120599	50.0000	54
44 2,4-Dinitrotoluene	165	6.720	6.720	(1.034)	175499	50.0000	51
43 Dibenzofuran	168	6.702	6.702	(1.032)	756461	50.0000	49
45 Diethylphthalate	149	6.967	6.967	(1.072)	678040	50.0000	56
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	279635	50.0000	49

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11bbr.b/z10786.d
Report Date: 14-Oct-2011 02:39

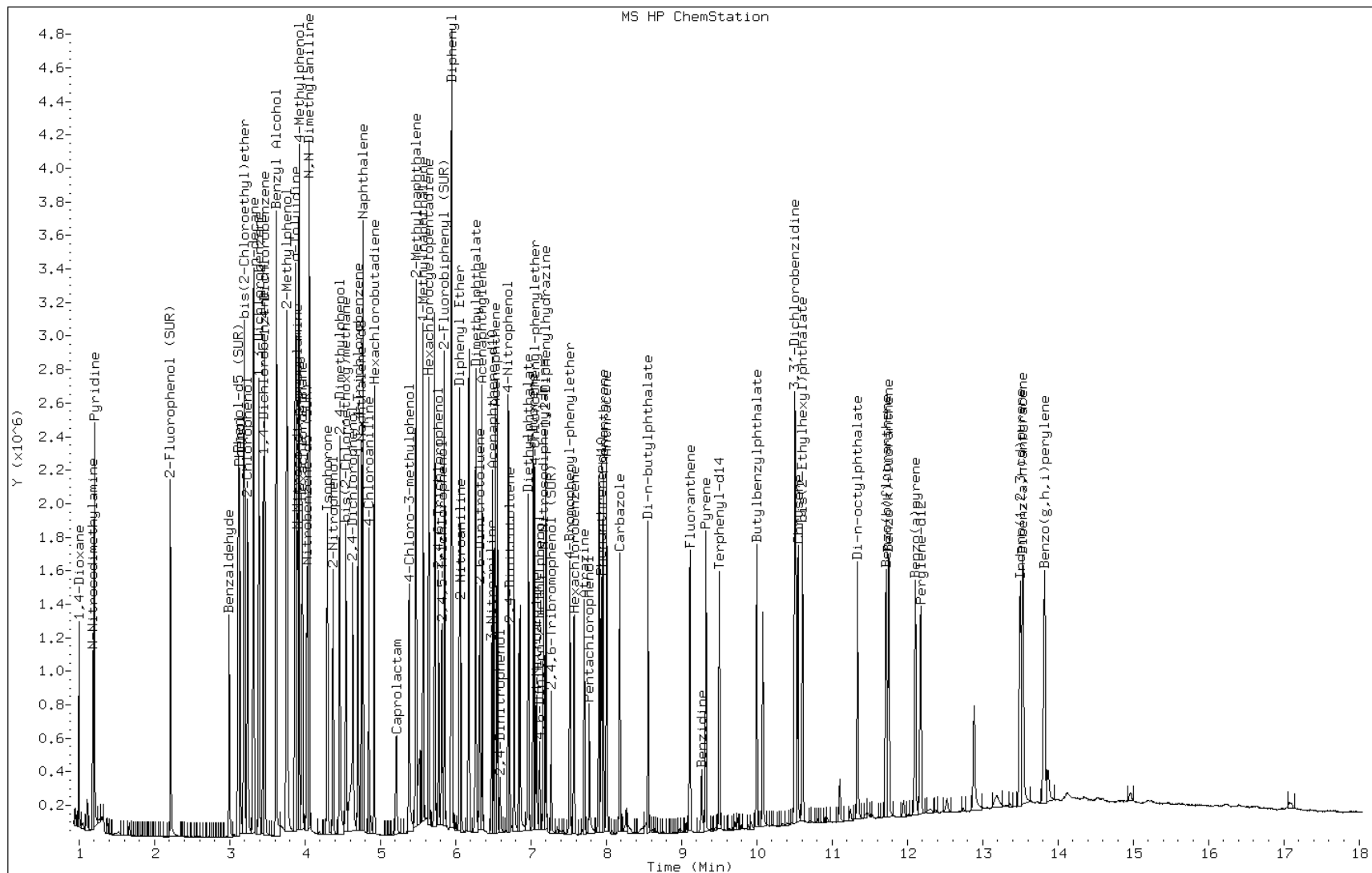
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.032	7.032	(1.082)	606443	50.0000	49
48 4-Nitroaniline	138	7.079	7.079	(1.090)	121610	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.114	7.114	(0.896)	58616	50.0000	36
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.904)	411531	50.0000	54
75 1,2-Diphenylhydrazine	77	7.202	7.202	(0.907)	773252	50.0000	56
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.273	7.273	(1.120)	86067	50.0000	47
50 4-Bromophenyl-phenylether	248	7.520	7.520	(0.947)	151228	50.0000	50
51 Hexachlorobenzene	284	7.579	7.579	(0.955)	164057	50.0000	50
112 Atrazine	200	7.714	7.714	(0.972)	134095	50.0000	53
14 Pentachlorophenol	266	7.779	7.779	(0.980)	77585	50.0000	44
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	495503	40.0000	
52 Phenanthrene	178	7.961	7.961	(1.003)	682198	50.0000	47
53 Anthracene	178	8.008	8.008	(1.009)	739981	50.0000	51
54 Carbazole	167	8.179	8.179	(1.030)	602417	50.0000	51
55 Di-n-butylphthalate	149	8.561	8.561	(1.079)	915944	50.0000	57
56 Fluoranthene	202	9.114	9.114	(1.148)	625373	50.0000	52
58 Benzidine	184	9.267	9.267	(1.167)	190062	50.0000	140
57 Pyrene	202	9.325	9.325	(0.886)	605792	50.0000	34
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.904)	437831	50.0000	35
59 Butylbenzylphthalate	149	10.002	10.002	(0.951)	345586	50.0000	43
109 2,3,7,8-TCDD (Screen)	320	10.072	10.072	(0.958)	893	0.50000	0.47(a)
60 3,3'-Dichlorobenzidine	252	10.508	10.508	(0.999)	234222	50.0000	65
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	606507	50.0000	47
* 81 Chrysene-d12	240	10.520	10.520	(1.000)	414107	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	483566	50.0000	45
62 Chrysene	228	10.549	10.549	(1.003)	582997	50.0000	50
64 Di-n-octylphthalate	149	11.337	11.337	(0.931)	825905	50.0000	27
65 Benzo(b)fluoranthene	252	11.719	11.719	(0.962)	783807	50.0000	44
66 Benzo(k)fluoranthene	252	11.755	11.755	(0.965)	782669	50.0000	39
67 Benzo(a)pyrene	252	12.108	12.108	(0.994)	716616	50.0000	49
* 84 Perylene-d12	264	12.178	12.178	(1.000)	599973	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.502	13.502	(1.109)	893398	50.0000	74
69 Dibenz(a,h)anthracene	278	13.531	13.531	(1.111)	888594	50.0000	71
70 Benzo(g,h,i)perylene	276	13.825	13.825	(1.135)	925766	50.0000	72

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Instrument: BNAMS11.i

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-90073/2 Calibration Date: 10/19/2011 00:37

Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50

Lab File ID: z10948.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6184	0.6492	0.0500	52500	50000	5.0	25.0
N-Nitrosodimethylamine	Ave	0.8304	0.8693	0.0500	52300	50000	4.7	25.0
Pyridine	Ave	1.511	1.527	0.0500	50500	50000	1.1	25.0
Benzaldehyde	Ave	0.4937	0.2537	0.0500	25700	50000	-48.6*	25.0
Aniline	Ave	1.908	1.940	0.0500	50800	50000	1.7	25.0
Phenol	Ave	1.731	1.537	0.0500	44400	50000	-11.2	25.0
Bis(2-chloroethyl)ether	Ave	1.446	1.421	0.0500	49100	50000	-1.7	25.0
2-Chlorophenol	Ave	1.409	1.346	0.0500	47800	50000	-4.5	25.0
n-Decane	Ave	1.489	1.416	0.0500	47500	50000	-4.9	25.0
1,3-Dichlorobenzene	Ave	1.612	1.665	0.0500	51600	50000	3.3	25.0
1,4-Dichlorobenzene	Ave	1.634	1.663	0.0500	50900	50000	1.8	25.0
1,2-Dichlorobenzene	Ave	1.511	1.536	0.0500	50800	50000	1.7	25.0
Benzyl alcohol	Ave	0.7381	0.7780	0.0500	52700	50000	5.4	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.658	1.605	0.0500	48400	50000	-3.2	25.0
2-Methylphenol	Ave	1.145	1.095	0.0500	47800	50000	-4.4	25.0
Acetophenone	Ave	1.772	1.671	0.0500	47200	50000	-5.7	25.0
N-Nitrosodi-n-propylamine	Ave	0.8721	0.8772	0.0500	50300	50000	0.6	25.0
3 & 4 Methylphenol	Ave	1.268	1.090	0.0500	43000	50000	-14.1	25.0
4-Methylphenol	Ave	1.268	1.090	0.0500	43000	50000	-14.1	25.0
Hexachloroethane	Ave	0.6587	0.6647	0.0500	50500	50000	0.9	25.0
Nitrobenzene	Ave	0.5579	0.5811	0.0500	52100	50000	4.1	25.0
n,n'-Dimethylaniline	Ave	1.945	2.053	0.0500	52800	50000	5.5	25.0
Isophorone	Ave	0.6184	0.6593	0.0500	53300	50000	6.6	25.0
2-Nitrophenol	Ave	0.1922	0.1964	0.0500	51100	50000	2.2	25.0
2,4-Dimethylphenol	Ave	0.3005	0.3002	0.0500	50000	50000	-0.0	25.0
Bis(2-chloroethoxy)methane	Ave	0.3921	0.4112	0.0500	52400	50000	4.9	25.0
2,4-Dichlorophenol	Ave	0.2578	0.2580	0.0500	50000	50000	0.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3115	0.3289	0.0500	52800	50000	5.6	25.0
Naphthalene	Ave	1.086	1.154	0.0500	53100	50000	6.2	25.0
4-Chloroaniline	Ave	0.3787	0.3716	0.0500	49100	50000	-1.9	25.0
Hexachlorobutadiene	Ave	0.1888	0.1982	0.0500	52500	50000	5.0	25.0
Caprolactam	Ave	0.0653	0.0721	0.0500	55200	50000	10.5	25.0
4-Chloro-3-methylphenol	Ave	0.2578	0.2565	0.0500	49700	50000	-0.5	25.0
2-Methylnaphthalene	Ave	0.6318	0.6554	0.0500	51900	50000	3.7	25.0
1-Methylnaphthalene	Ave	0.6448	0.6484	0.0500	50300	50000	0.6	25.0
Hexachlorocyclopentadiene	Ave	0.2985	0.3390	0.0500	56800	50000	13.6	25.0
2,4,6-Trichlorophenol	Ave	0.3667	0.3618	0.0500	49300	50000	-1.3	25.0
2,4,5-Trichlorophenol	Ave	0.3700	0.3754	0.0500	50700	50000	1.5	25.0
1,1'-Biphenyl	Ave	1.746	1.731	0.0500	49600	50000	-0.9	25.0
2-Chloronaphthalene	Ave	1.230	1.276	0.0500	51900	50000	3.7	25.0
Phenyl ether	Ave	0.8755	0.9137	0.0500	52200	50000	4.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCVIS 460-90073/2 Calibration Date: 10/19/2011 00:37

Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50

Lab File ID: z10948.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.3728	0.3822	0.0500	51300	50000	2.5	25.0
Coumarin	Ave	0.1481	0.1602	0.0500	54100	50000	8.2	25.0
Dimethyl phthalate	Ave	1.110	1.198	0.0500	54000	50000	7.9	25.0
2,6-Dinitrotoluene	Ave	0.2491	0.2724	0.0500	54700	50000	9.3	25.0
Acenaphthylene	Ave	1.901	1.962	0.0500	51600	50000	3.3	25.0
3-Nitroaniline	Ave	0.2547	0.2429	0.0500	47700	50000	-4.6	25.0
Acenaphthene	Ave	1.142	1.208	0.0500	52900	50000	5.8	25.0
2,4-Dinitrophenol	Ave	0.1032	0.1029	0.0500	49900	50000	-0.2	25.0
4-Nitrophenol	Ave	0.1747	0.1987	0.0500	56900	50000	13.7	25.0
Dibenzofuran	Ave	1.517	1.582	0.0500	52100	50000	4.3	25.0
2,4-Dinitrotoluene	Ave	0.3013	0.3278	0.0500	54400	50000	8.8	25.0
Diethyl phthalate	Ave	1.090	1.184	0.0500	54300	50000	8.6	25.0
Fluorene	Ave	1.178	1.249	0.0500	53000	50000	6.0	25.0
4-Chlorophenyl phenyl ether	Ave	0.5379	0.5674	0.0500	52700	50000	5.5	25.0
4-Nitroaniline	Ave	0.1908	0.1779	0.0500	46600	50000	-6.8	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1182	0.1187	0.0500	50200	50000	0.5	25.0
N-Nitrosodiphenylamine	Ave	0.6595	0.6163	0.0500	46700	50000	-6.6	25.0
1,2-Diphenylhydrazine	Ave	1.276	1.297	0.0500	50800	50000	1.7	25.0
4-Bromophenyl phenyl ether	Ave	0.2546	0.2605	0.0500	51200	50000	2.3	25.0
Hexachlorobenzene	Ave	0.2781	0.2876	0.0500	51700	50000	3.4	25.0
Atrazine	Ave	0.1870	0.2028	0.0500	54200	50000	8.5	25.0
Pentachlorophenol	Ave	0.1221	0.1225	0.0500	50200	50000	0.3	25.0
Phenanthrene	Ave	1.140	1.204	0.0500	52800	50000	5.6	25.0
Anthracene	Ave	1.136	1.219	0.0500	53700	50000	7.3	25.0
Carbazole	Ave	0.8672	0.9004	0.0500	51900	50000	3.8	25.0
Di-n-butyl phthalate	Ave	1.210	1.306	0.0500	54000	50000	7.9	25.0
Fluoranthene	Ave	0.8489	0.9146	0.0500	53900	50000	7.7	25.0
Benzidine	Ave	0.0937	0.0477*	0.0500	25500	50000	-49.1*	25.0
Pyrene	Ave	1.816	1.856	0.0500	51100	50000	2.2	25.0
Butyl benzyl phthalate	Ave	0.7900	0.8142	0.0500	51500	50000	3.1	25.0
2,3,7,8-TCDD	Ave	0.1952	0.1866	0.0500	478	500	-4.4	25.0
3,3'-Dichlorobenzidine	Ave	0.3435	0.3163	0.0500	46000	50000	-7.9	25.0
Benzo[a]anthracene	Ave	1.245	1.181	0.0500	47400	50000	-5.2	25.0
Chrysene	Ave	1.140	1.214	0.0500	53300	50000	6.5	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.040	1.064	0.0500	51200	50000	2.3	25.0
Di-n-octyl phthalate	Ave	1.865	1.936	0.0500	51900	50000	3.8	25.0
Benzo[b]fluoranthene	Ave	1.198	1.235	0.0500	51600	50000	3.1	25.0
Benzo[k]fluoranthene	Ave	1.352	1.367	0.0500	50600	50000	1.1	25.0
Benzo[a]pyrene	Ave	1.005	1.014	0.0500	50400	50000	0.9	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.002	1.091	0.0500	54400	50000	8.9	25.0
Dibenz(a,h)anthracene	Ave	0.9716	0.8458	0.0500	43500	50000	-12.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCVIS 460-90073/2 Calibration Date: 10/19/2011 00:37
Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50
Lab File ID: z10948.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	0.9825	0.8948	0.0500	45500	50000	-8.9	25.0
2-Fluorophenol (Surr)	Ave	1.337	1.262	0.0500	47200	50000	-5.6	25.0
Phenol-d5 (Surr)	Ave	1.605	1.490	0.0500	46400	50000	-7.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4179	0.4304	0.0500	51500	50000	3.0	25.0
2-Fluorobiphenyl	Ave	1.484	1.505	0.0500	50700	50000	1.4	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1573	0.1677	0.0500	53300	50000	6.6	25.0
Terphenyl-d14 (Surr)	Ave	1.267	1.266	0.0500	50000	50000	-0.0	25.0

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10948.d
 Report Date: 19-Oct-2011 10:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10948.d
 Lab Smp Id: CCVIS-1204235
 Inj Date : 19-OCT-2011 00:37
 Operator : BNAMS 4
 Smp Info : CCVIS-1204235
 Misc Info : 50 ppm bna 4600
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:51 monica
 Cal Date : 19-OCT-2011 00:37
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10948.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	0.998	0.998	(0.293)	474405	50.0000	52
19 N-Nitrosodimethylamine		74	1.192	1.192	(0.350)	635281	50.0000	52
71 Pyridine		79	1.215	1.215	(0.356)	1116021	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.197	2.197	(0.645)	922515	50.0000	47
110 Benzaldehyde		77	2.956	2.956	(0.867)	185372	50.0000	26
\$ 17 Phenol-d5 (SUR)		99	3.091	3.091	(0.907)	1088831	50.0000	46
1 Phenol		94	3.109	3.109	(0.912)	1123489	50.0000	44
73 Aniline		93	3.080	3.080	(0.903)	1417916	50.0000	51
20 bis(2-Chloroethyl)ether		93	3.162	3.162	(0.928)	1038198	50.0000	49
2 2-Chlorophenol		128	3.203	3.203	(0.940)	983700	50.0000	48
113 n-decane		43	3.274	3.274	(0.960)	1034877	50.0000	48
21 1,3-Dichlorobenzene		146	3.350	3.350	(0.983)	1216920	50.0000	52
* 79 1,4-Dichlorobenzene-d4		152	3.409	3.409	(1.000)	584626	40.0000	
22 1,4-Dichlorobenzene		146	3.427	3.427	(1.005)	1215375	50.0000	51
74 Benzyl Alcohol		108	3.580	3.580	(1.050)	568533	50.0000	53

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10948.d
Report Date: 19-Oct-2011 10:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.580	3.580	(1.050)	1122634	50.0000	51
3 2-Methylphenol	108	3.721	3.721	(1.091)	799999	50.0000	48
24 bis (2-chloroisopropyl) ether	45	3.715	3.715	(1.090)	1172961	50.0000	48
122 o-Toluidine	107	3.833	3.833	(1.124)	1068454	50.0000	49
104 Acetophenone	105	3.844	3.844	(1.128)	1221066	50.0000	47
4 4-Methylphenol	108	3.886	3.886	(1.140)	796244	50.0000	43
121 3 & 4 Methylphenol	108	3.886	3.886	(1.140)	796244	50.0000	43
25 N-Nitroso-di-n-propylamine	70	3.862	3.862	(1.133)	641010	50.0000	50
26 Hexachloroethane	117	3.921	3.921	(1.150)	485772	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.991	3.991	(0.848)	1052490	50.0000	51
107 N,N-Dimethylaniline	120	4.021	4.021	(1.179)	1500001	50.0000	53
27 Nitrobenzene	77	4.015	4.015	(0.853)	1420867	50.0000	52
28 Isophorone	82	4.262	4.262	(0.905)	1612109	50.0000	53
5 2-Nitrophenol	139	4.333	4.333	(0.920)	480234	50.0000	51
6 2,4-Dimethylphenol	122	4.421	4.421	(0.939)	734143	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.503	4.503	(0.956)	1005545	50.0000	52
7 2,4-Dichlorophenol	162	4.591	4.591	(0.975)	630983	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.662	4.662	(0.990)	804127	50.0000	53
* 80 Naphthalene-d8	136	4.709	4.709	(1.000)	1956245	40.0000	
31 Naphthalene	128	4.733	4.733	(1.005)	2822370	50.0000	53
32 4-Chloroaniline	127	4.809	4.809	(1.021)	908657	50.0000	49
33 Hexachlorobutadiene	225	4.880	4.880	(1.036)	484763	50.0000	52
111 Caprolactam	113	5.197	5.197	(1.104)	176362	50.0000	55
8 4-Chloro-3-methylphenol	107	5.344	5.344	(1.135)	627181	50.0000	50
34 2-Methylnaphthalene	142	5.433	5.433	(1.154)	1602689	50.0000	52
120 1-Methylnaphthalene	142	5.527	5.527	(1.174)	1585617	50.0000	50
35 Hexachlorocyclopentadiene	237	5.603	5.603	(0.868)	349522	50.0000	57
9 2,4,6-Trichlorophenol	196	5.738	5.738	(0.889)	373073	50.0000	49
10 2,4,5-Trichlorophenol	196	5.780	5.780	(0.895)	387031	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	5.815	5.815	(0.901)	1551459	50.0000	51
102 Diphenyl	154	5.903	5.903	(0.914)	1784991	50.0000	50
36 2-Chloronaphthalene	162	5.909	5.909	(0.915)	1315609	50.0000	52
103 Diphenyl Ether	170	6.015	6.015	(0.932)	942050	50.0000	52
37 2-Nitroaniline	65	6.032	6.032	(0.934)	394106	50.0000	51
38 Dimethylphthalate	163	6.232	6.232	(0.965)	1235219	50.0000	54
114 Coumarin	146	6.227	6.227	(1.322)	391837	50.0000	54
40 2,6-Dinitrotoluene	165	6.285	6.285	(0.974)	280822	50.0000	55
39 Acenaphthylene	152	6.315	6.315	(0.978)	2023376	50.0000	52
41 3-Nitroaniline	138	6.444	6.444	(0.998)	250428	50.0000	48
* 82 Acenaphthene-d10	164	6.456	6.456	(1.000)	824835	40.0000	
42 Acenaphthene	154	6.485	6.485	(1.005)	1245983	50.0000	53
11 2,4-Dinitrophenol	184	6.556	6.556	(1.015)	106127	50.0000	50
12 4-Nitrophenol	65	6.656	6.656	(1.031)	204868	50.0000	57
44 2,4-Dinitrotoluene	165	6.679	6.679	(1.035)	338020	50.0000	54
43 Dibenzofuran	168	6.656	6.656	(1.031)	1630863	50.0000	52
45 Diethylphthalate	149	6.927	6.927	(1.073)	1221152	50.0000	54
46 4-Chlorophenyl-phenylether	204	7.009	7.009	(1.086)	584979	50.0000	53

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10948.d
Report Date: 19-Oct-2011 10:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.991	6.991	(1.083)	1287424	50.0000	53
48 4-Nitroaniline	138	7.038	7.038	(1.090)	183426	50.0000	47
13 4,6-Dinitro-2-methylphenol	198	7.079	7.079	(0.897)	143342	50.0000	50
49 N-Nitrosodiphenylamine	169	7.132	7.132	(0.904)	744171	50.0000	47
75 1,2-Diphenylhydrazine	77	7.162	7.162	(0.908)	1566352	50.0000	51
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.227	7.227	(1.119)	172867	50.0000	53
50 4-Bromophenyl-phenylether	248	7.479	7.479	(0.948)	314531	50.0000	51
51 Hexachlorobenzene	284	7.532	7.532	(0.955)	347315	50.0000	52
112 Atrazine	200	7.674	7.674	(0.972)	244900	50.0000	54
14 Pentachlorophenol	266	7.732	7.732	(0.980)	147896	50.0000	50
* 83 Phenanthrene-d10	188	7.891	7.891	(1.000)	966052	40.0000	
52 Phenanthrene	178	7.915	7.915	(1.003)	1453454	50.0000	53
53 Anthracene	178	7.968	7.968	(1.010)	1472068	50.0000	54
54 Carbazole	167	8.138	8.138	(1.031)	1087304	50.0000	52
55 Di-n-butylphthalate	149	8.515	8.515	(1.079)	1577234	50.0000	54
56 Fluoranthene	202	9.068	9.068	(1.149)	1104393	50.0000	54
58 Benzidine	184	9.226	9.226	(1.169)	57631	50.0000	25
57 Pyrene	202	9.279	9.279	(0.886)	1071455	50.0000	51
\$ 78 Terphenyl-d14	244	9.462	9.462	(0.903)	730928	50.0000	50
59 Butylbenzylphthalate	149	9.962	9.962	(0.951)	469941	50.0000	52
109 2,3,7,8-TCDD (Screen)	320	10.026	10.026	(0.957)	1077	0.50000	0.48(a)
60 3,3'-Dichlorobenzidine	252	10.456	10.456	(0.998)	182588	50.0000	46
61 Benzo(a)anthracene	228	10.462	10.462	(0.999)	681630	50.0000	47
* 81 Chrysene-d12	240	10.473	10.473	(1.000)	461760	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.562	10.562	(1.008)	614112	50.0000	51
62 Chrysene	228	10.497	10.497	(1.002)	700998	50.0000	53
64 Di-n-octylphthalate	149	11.285	11.285	(0.932)	821338	50.0000	52
65 Benzo(b)fluoranthene	252	11.656	11.656	(0.963)	524001	50.0000	52
66 Benzo(k)fluoranthene	252	11.685	11.685	(0.965)	579908	50.0000	50
67 Benzo(a)pyrene	252	12.038	12.038	(0.994)	430298	50.0000	50
* 84 Perylene-d12	264	12.109	12.109	(1.000)	339381	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.420	13.420	(1.108)	462928	50.0000	54
69 Dibenzo(a,h)anthracene	278	13.450	13.450	(1.111)	358797	50.0000	44
70 Benzo(g,h,i)perylene	276	13.732	13.732	(1.134)	379613	50.0000	46

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-90074/1 Calibration Date: 10/19/2011 02:41

Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50

Lab File ID: z10953.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6184	0.6616	0.0500	53500	50000	7.0	25.0
N-Nitrosodimethylamine	Ave	0.8304	0.8463	0.0500	51000	50000	1.9	25.0
Pyridine	Ave	1.511	1.551	0.0500	51300	50000	2.7	25.0
Benzaldehyde	Ave	0.4937	0.4003	0.0500	40500	50000	-18.9	25.0
Aniline	Ave	1.908	1.890	0.0500	49500	50000	-1.0	25.0
Phenol	Ave	1.731	1.393	0.0500	40200	50000	-19.5	25.0
Bis(2-chloroethyl)ether	Ave	1.446	1.412	0.0500	48800	50000	-2.3	25.0
2-Chlorophenol	Ave	1.409	1.310	0.0500	46500	50000	-7.0	25.0
n-Decane	Ave	1.489	1.490	0.0500	50000	50000	0.0	25.0
1,3-Dichlorobenzene	Ave	1.612	1.669	0.0500	51800	50000	3.5	25.0
1,4-Dichlorobenzene	Ave	1.634	1.673	0.0500	51200	50000	2.4	25.0
1,2-Dichlorobenzene	Ave	1.511	1.557	0.0500	51500	50000	3.1	25.0
Benzyl alcohol	Ave	0.7381	0.7393	0.0500	50100	50000	0.2	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.658	1.656	0.0500	50000	50000	-0.0	25.0
2-Methylphenol	Ave	1.145	1.078	0.0500	47000	50000	-5.9	25.0
Acetophenone	Ave	1.772	1.707	0.0500	48200	50000	-3.7	25.0
N-Nitrosodi-n-propylamine	Ave	0.8721	0.9047	0.0500	51900	50000	3.7	25.0
3 & 4 Methylphenol	Ave	1.268	1.058	0.0500	41700	50000	-16.5	25.0
4-Methylphenol	Ave	1.268	1.058	0.0500	41700	50000	-16.5	25.0
Hexachloroethane	Ave	0.6587	0.6746	0.0500	51200	50000	2.4	25.0
Nitrobenzene	Ave	0.5579	0.6024	0.0500	54000	50000	8.0	25.0
n,n'-Dimethylaniline	Ave	1.945	2.090	0.0500	53700	50000	7.4	25.0
Isophorone	Ave	0.6184	0.6724	0.0500	54400	50000	8.7	25.0
2-Nitrophenol	Ave	0.1922	0.1973	0.0500	51300	50000	2.6	25.0
2,4-Dimethylphenol	Ave	0.3005	0.2929	0.0500	48700	50000	-2.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.3921	0.4136	0.0500	52700	50000	5.5	25.0
2,4-Dichlorophenol	Ave	0.2578	0.2495	0.0500	48400	50000	-3.2	25.0
1,2,4-Trichlorobenzene	Ave	0.3115	0.3280	0.0500	52600	50000	5.3	25.0
Naphthalene	Ave	1.086	1.162	0.0500	53500	50000	6.9	25.0
4-Chloroaniline	Ave	0.3787	0.3648	0.0500	48200	50000	-3.7	25.0
Hexachlorobutadiene	Ave	0.1888	0.2001	0.0500	53000	50000	6.0	25.0
Caprolactam	Ave	0.0653	0.0747	0.0500	57200	50000	14.4	25.0
4-Chloro-3-methylphenol	Ave	0.2578	0.2468	0.0500	47900	50000	-4.3	25.0
2-Methylnaphthalene	Ave	0.6318	0.6622	0.0500	52400	50000	4.8	25.0
1-Methylnaphthalene	Ave	0.6448	0.6405	0.0500	49700	50000	-0.7	25.0
Hexachlorocyclopentadiene	Ave	0.2985	0.2827	0.0500	47400	50000	-5.3	25.0
2,4,6-Trichlorophenol	Ave	0.3667	0.3615	0.0500	49300	50000	-1.4	25.0
2,4,5-Trichlorophenol	Ave	0.3700	0.3468	0.0500	46900	50000	-6.2	25.0
1,1'-Biphenyl	Ave	1.746	1.760	0.0500	50400	50000	0.8	25.0
2-Chloronaphthalene	Ave	1.230	1.287	0.0500	52300	50000	4.6	25.0
Phenyl ether	Ave	0.8755	0.9318	0.0500	53200	50000	6.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID: CCV 460-90074/1 Calibration Date: 10/19/2011 02:41

Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50

Lab File ID: z10953.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.3728	0.3922	0.0500	52600	50000	5.2	25.0
Coumarin	Ave	0.1481	0.1568	0.0500	52900	50000	5.8	25.0
Dimethyl phthalate	Ave	1.110	1.236	0.0500	55700	50000	11.4	25.0
2,6-Dinitrotoluene	Ave	0.2491	0.2774	0.0500	55700	50000	11.3	25.0
Acenaphthylene	Ave	1.901	1.990	0.0500	52400	50000	4.7	25.0
3-Nitroaniline	Ave	0.2547	0.2494	0.0500	49000	50000	-2.1	25.0
Acenaphthene	Ave	1.142	1.194	0.0500	52300	50000	4.6	25.0
2,4-Dinitrophenol	Ave	0.1032	0.0984	0.0500	47700	50000	-4.6	25.0
4-Nitrophenol	Ave	0.1747	0.1901	0.0500	54400	50000	8.8	25.0
Dibenzofuran	Ave	1.517	1.571	0.0500	51800	50000	3.6	25.0
2,4-Dinitrotoluene	Ave	0.3013	0.3240	0.0500	53800	50000	7.5	25.0
Diethyl phthalate	Ave	1.090	1.211	0.0500	55600	50000	11.1	25.0
Fluorene	Ave	1.178	1.245	0.0500	52800	50000	5.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.5379	0.5712	0.0500	53100	50000	6.2	25.0
4-Nitroaniline	Ave	0.1908	0.1734	0.0500	45500	50000	-9.1	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1182	0.1202	0.0500	50900	50000	1.7	25.0
N-Nitrosodiphenylamine	Ave	0.6595	0.6570	0.0500	49800	50000	-0.4	25.0
1,2-Diphenylhydrazine	Ave	1.276	1.369	0.0500	53700	50000	7.3	25.0
4-Bromophenyl phenyl ether	Ave	0.2546	0.2707	0.0500	53200	50000	6.3	25.0
Hexachlorobenzene	Ave	0.2781	0.2906	0.0500	52300	50000	4.5	25.0
Atrazine	Ave	0.1870	0.2099	0.0500	56100	50000	12.2	25.0
Pentachlorophenol	Ave	0.1221	0.1171	0.0500	47900	50000	-4.1	25.0
Phenanthrene	Ave	1.140	1.197	0.0500	52500	50000	5.0	25.0
Anthracene	Ave	1.136	1.206	0.0500	53100	50000	6.2	25.0
Carbazole	Ave	0.8672	0.9079	0.0500	52300	50000	4.7	25.0
Di-n-butyl phthalate	Ave	1.210	1.362	0.0500	56300	50000	12.5	25.0
Fluoranthene	Ave	0.8489	0.9074	0.0500	53400	50000	6.9	25.0
Benzidine	Ave	0.0937	0.0911	0.0500	48600	50000	-2.8	25.0
Pyrene	Ave	1.816	1.757	0.0500	48400	50000	-3.3	25.0
Butyl benzyl phthalate	Ave	0.7900	0.8315	0.0500	52600	50000	5.2	25.0
2,3,7,8-TCDD	Ave	0.1952	0.2128	0.0500	545	500	9.0	25.0
3,3'-Dichlorobenzidine	Ave	0.3435	0.3582	0.0500	52100	50000	4.3	25.0
Benzo[a]anthracene	Ave	1.245	1.183	0.0500	47500	50000	-5.0	25.0
Chrysene	Ave	1.140	1.185	0.0500	52000	50000	3.9	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.040	1.133	0.0500	54500	50000	8.9	25.0
Di-n-octyl phthalate	Ave	1.865	2.003	0.0500	53700	50000	7.4	25.0
Benzo[b]fluoranthene	Ave	1.198	1.141	0.0500	47600	50000	-4.8	25.0
Benzo[k]fluoranthene	Ave	1.352	1.418	0.0500	52500	50000	4.9	25.0
Benzo[a]pyrene	Ave	1.005	1.028	0.0500	51200	50000	2.3	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.002	0.8709	0.0500	43400	50000	-13.1	25.0
Dibenz(a,h)anthracene	Ave	0.9716	1.011	0.0500	52000	50000	4.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-90074/1 Calibration Date: 10/19/2011 02:41
Instrument ID: BNAMS11 Calib Start Date: 10/14/2011 11:09
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/14/2011 12:50
Lab File ID: z10953.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	0.9825	1.116	0.0500	56800	50000	13.6	25.0
2-Fluorophenol (Surr)	Ave	1.337	1.234	0.0500	46100	50000	-7.7	25.0
Phenol-d5 (Surr)	Ave	1.605	1.457	0.0500	45400	50000	-9.2	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4179	0.4354	0.0500	52100	50000	4.2	25.0
2-Fluorobiphenyl	Ave	1.484	1.515	0.0500	51100	50000	2.1	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1573	0.1571	0.0500	49900	50000	-0.1	25.0
Terphenyl-d14 (Surr)	Ave	1.267	1.213	0.0500	47900	50000	-4.2	25.0

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11br.b/z10953.d
 Report Date: 19-Oct-2011 12:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/10-14-11del/19oct11br.b/z10953.d
 Lab Smp Id: CCV-1204235
 Inj Date : 19-OCT-2011 02:41
 Operator : BNAMS 4
 Smp Info : CCV-1204235
 Misc Info : BNA4600
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/19oct11br.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 12:18 monica
 Cal Date : 19-OCT-2011 02:41
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10953.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.009	1.009	(0.296)	479804	50.0000	53
19 N-Nitrosodimethylamine		74	1.203	1.203	(0.353)	613758	50.0000	51
71 Pyridine		79	1.215	1.215	(0.356)	1124827	50.0000	51
\$ 16 2-Fluorophenol (SUR)		112	2.197	2.197	(0.645)	894555	50.0000	46
110 Benzaldehyde		77	2.962	2.962	(0.869)	290301	50.0000	40
\$ 17 Phenol-d5 (SUR)		99	3.097	3.097	(0.909)	1056369	50.0000	45
1 Phenol		94	3.109	3.109	(0.912)	1010197	50.0000	40
73 Aniline		93	3.080	3.080	(0.903)	1370343	50.0000	50
20 bis(2-Chloroethyl)ether		93	3.162	3.162	(0.928)	1024006	50.0000	49
2 2-Chlorophenol		128	3.203	3.203	(0.940)	949925	50.0000	46
113 n-decane		43	3.274	3.274	(0.960)	1080426	50.0000	50
21 1,3-Dichlorobenzene		146	3.350	3.350	(0.983)	1210411	50.0000	52
* 79 1,4-Dichlorobenzene-d4		152	3.409	3.409	(1.000)	580171	40.0000	
22 1,4-Dichlorobenzene		146	3.427	3.427	(1.005)	1213069	50.0000	51
74 Benzyl Alcohol		108	3.580	3.580	(1.050)	536119	50.0000	50

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11br.b/z10953.d
Report Date: 19-Oct-2011 12:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.580	3.580	(1.050)	1129363	50.0000	52
3 2-Methylphenol	108	3.721	3.721	(1.091)	781640	50.0000	47
24 bis (2-chloroisopropyl) ether	45	3.715	3.715	(1.090)	1201174	50.0000	50
122 o-Toluidine	107	3.833	3.833	(1.124)	1074121	50.0000	49
104 Acetophenone	105	3.844	3.844	(1.128)	1237593	50.0000	48
4 4-Methylphenol	108	3.886	3.886	(1.140)	767562	50.0000	42
121 3 & 4 Methylphenol	108	3.886	3.886	(1.140)	767562	50.0000	42
25 N-Nitroso-di-n-propylamine	70	3.862	3.862	(1.133)	656109	50.0000	52
26 Hexachloroethane	117	3.921	3.921	(1.150)	489191	50.0000	51
\$ 76 Nitrobenzene-d5 (SUR)	82	3.991	3.991	(0.848)	1049147	50.0000	52
107 N,N-Dimethylaniline	120	4.021	4.021	(1.179)	1515396	50.0000	54
27 Nitrobenzene	77	4.015	4.015	(0.853)	1451679	50.0000	54
28 Isophorone	82	4.262	4.262	(0.905)	1620350	50.0000	54
5 2-Nitrophenol	139	4.333	4.333	(0.920)	475369	50.0000	51
6 2,4-Dimethylphenol	122	4.427	4.427	(0.940)	705905	50.0000	49
29 bis(2-Chloroethoxy)methane	93	4.503	4.503	(0.956)	996571	50.0000	53
7 2,4-Dichlorophenol	162	4.597	4.597	(0.976)	601239	50.0000	48
30 1,2,4-Trichlorobenzene	180	4.662	4.662	(0.990)	790437	50.0000	53
* 80 Naphthalene-d8	136	4.709	4.709	(1.000)	1927829	40.0000	
31 Naphthalene	128	4.733	4.733	(1.005)	2799320	50.0000	53
32 4-Chloroaniline	127	4.809	4.809	(1.021)	879039	50.0000	48
33 Hexachlorobutadiene	225	4.880	4.880	(1.036)	482221	50.0000	53
111 Caprolactam	113	5.203	5.203	(1.105)	180005	50.0000	57
8 4-Chloro-3-methylphenol	107	5.344	5.344	(1.135)	594749	50.0000	48
34 2-Methylnaphthalene	142	5.433	5.433	(1.154)	1595855	50.0000	52
120 1-Methylnaphthalene	142	5.527	5.527	(1.174)	1543566	50.0000	50
35 Hexachlorocyclopentadiene	237	5.603	5.603	(0.868)	280205	50.0000	47
9 2,4,6-Trichlorophenol	196	5.738	5.738	(0.889)	358299	50.0000	49
10 2,4,5-Trichlorophenol	196	5.780	5.780	(0.895)	343820	50.0000	47
\$ 77 2-Fluorobiphenyl (SUR)	172	5.815	5.815	(0.901)	1501606	50.0000	51
102 Diphenyl	154	5.903	5.903	(0.914)	1744870	50.0000	50
36 2-Chloronaphthalene	162	5.909	5.909	(0.915)	1275810	50.0000	52
103 Diphenyl Ether	170	6.015	6.015	(0.932)	923673	50.0000	53
37 2-Nitroaniline	65	6.033	6.033	(0.934)	388729	50.0000	52
38 Dimethylphthalate	163	6.232	6.232	(0.965)	1225678	50.0000	56
114 Coumarin	146	6.227	6.227	(1.322)	377838	50.0000	53
40 2,6-Dinitrotoluene	165	6.285	6.285	(0.974)	274955	50.0000	56
39 Acenaphthylene	152	6.315	6.315	(0.978)	1972810	50.0000	52
41 3-Nitroaniline	138	6.444	6.444	(0.998)	247256	50.0000	49
* 82 Acenaphthene-d10	164	6.456	6.456	(1.000)	793030	40.0000	
42 Acenaphthene	154	6.485	6.485	(1.005)	1183742	50.0000	52
11 2,4-Dinitrophenol	184	6.550	6.550	(1.015)	97542	50.0000	48
12 4-Nitrophenol	65	6.656	6.656	(1.031)	188423	50.0000	54
44 2,4-Dinitrotoluene	165	6.680	6.680	(1.035)	321123	50.0000	54
43 Dibenzofuran	168	6.656	6.656	(1.031)	1557573	50.0000	52
45 Diethylphthalate	149	6.927	6.927	(1.073)	1200670	50.0000	56
46 4-Chlorophenyl-phenylether	204	7.009	7.009	(1.086)	566191	50.0000	53

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11br.b/z10953.d
Report Date: 19-Oct-2011 12:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.991	6.991	(1.083)	1233843	50.0000	53
48 4-Nitroaniline	138	7.038	7.038	(1.090)	171930	50.0000	45
13 4,6-Dinitro-2-methylphenol	198	7.080	7.080	(0.897)	133757	50.0000	51
49 N-Nitrosodiphenylamine	169	7.132	7.132	(0.904)	731057	50.0000	50
75 1,2-Diphenylhydrazine	77	7.162	7.162	(0.908)	1523627	50.0000	54
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.227	7.227	(1.119)	155714	50.0000	50
50 4-Bromophenyl-phenylether	248	7.479	7.479	(0.948)	301265	50.0000	53
51 Hexachlorobenzene	284	7.532	7.532	(0.955)	323379	50.0000	52
112 Atrazine	200	7.674	7.674	(0.972)	233540	50.0000	56
14 Pentachlorophenol	266	7.732	7.732	(0.980)	130258	50.0000	48
* 83 Phenanthrene-d10	188	7.891	7.891	(1.000)	890223	40.0000	
52 Phenanthrene	178	7.915	7.915	(1.003)	1332034	50.0000	52
53 Anthracene	178	7.968	7.968	(1.010)	1342509	50.0000	53
54 Carbazole	167	8.138	8.138	(1.031)	1010250	50.0000	52
55 Di-n-butylphthalate	149	8.515	8.515	(1.079)	1515534	50.0000	56
56 Fluoranthene	202	9.068	9.068	(1.149)	1009716	50.0000	53
58 Benzidine	184	9.226	9.226	(1.169)	101350	50.0000	48
57 Pyrene	202	9.279	9.279	(0.886)	965128	50.0000	48
\$ 78 Terphenyl-d14	244	9.462	9.462	(0.904)	666659	50.0000	48
59 Butylbenzylphthalate	149	9.956	9.956	(0.951)	456867	50.0000	53
109 2,3,7,8-TCDD (Screen)	320	10.026	10.026	(0.958)	1169	0.50000	0.54
60 3,3'-Dichlorobenzidine	252	10.456	10.456	(0.999)	196796	50.0000	52
61 Benzo(a)anthracene	228	10.462	10.462	(0.999)	650019	50.0000	48
* 81 Chrysene-d12	240	10.468	10.468	(1.000)	439550	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.562	10.562	(1.009)	622399	50.0000	54
62 Chrysene	228	10.497	10.497	(1.003)	651176	50.0000	52
64 Di-n-octylphthalate	149	11.285	11.285	(0.932)	870794	50.0000	54
65 Benzo(b)fluoranthene	252	11.656	11.656	(0.963)	495953	50.0000	48
66 Benzo(k)fluoranthene	252	11.685	11.685	(0.965)	616524	50.0000	52
67 Benzo(a)pyrene	252	12.038	12.038	(0.995)	447139	50.0000	51
* 84 Perylene-d12	264	12.103	12.103	(1.000)	347816	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.420	13.420	(1.109)	378639	50.0000	43(M)
69 Dibenz(a,h)anthracene	278	13.450	13.450	(1.111)	439500	50.0000	52
70 Benzo(g,h,i)perylene	276	13.738	13.738	(1.135)	485204	50.0000	57

QC Flag Legend

M - Compound response manually integrated.

Data File: z10953.d

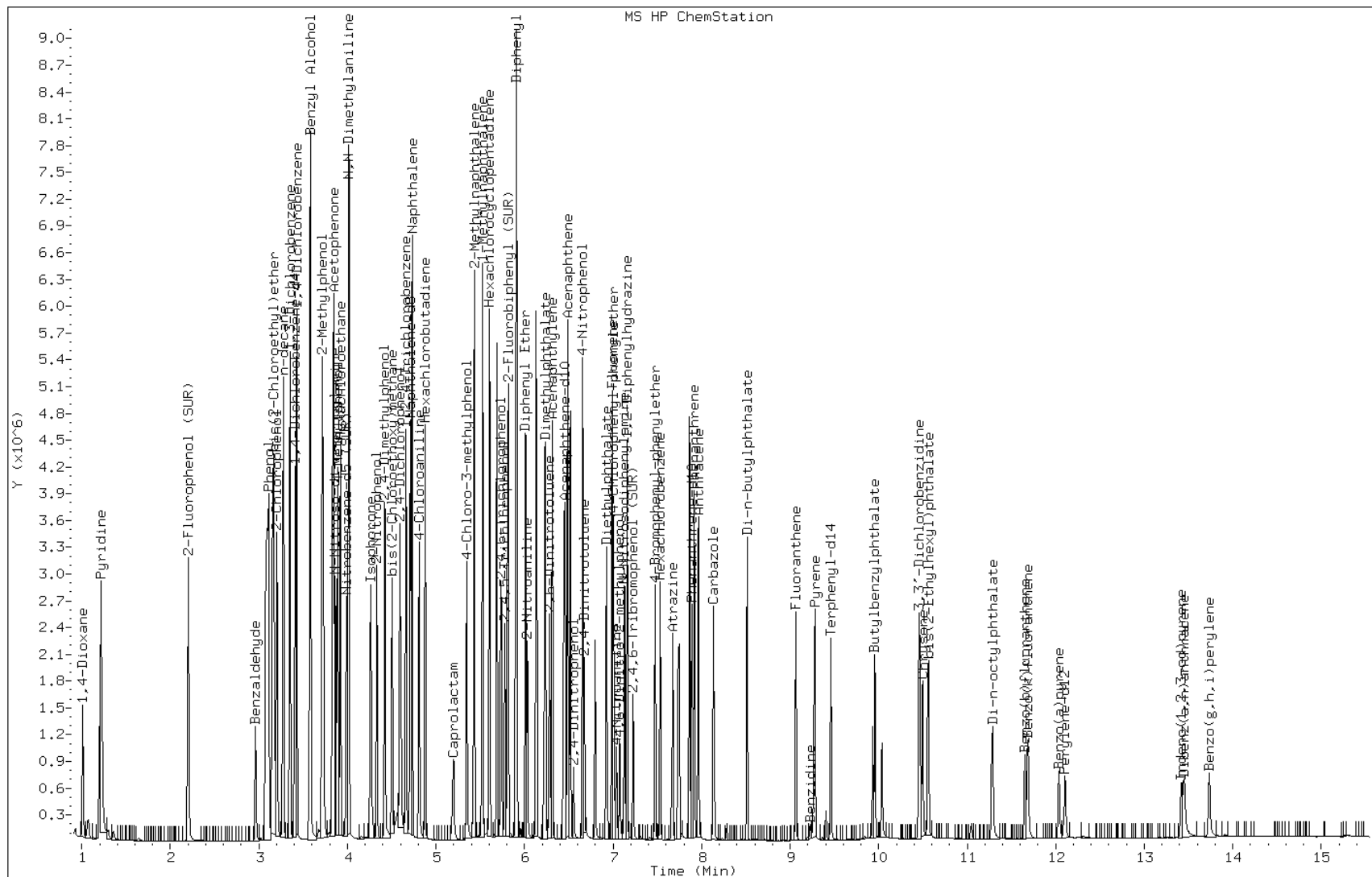
Date: 19-OCT-2011 02:41

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-1204235

Operator: BNAMS 4

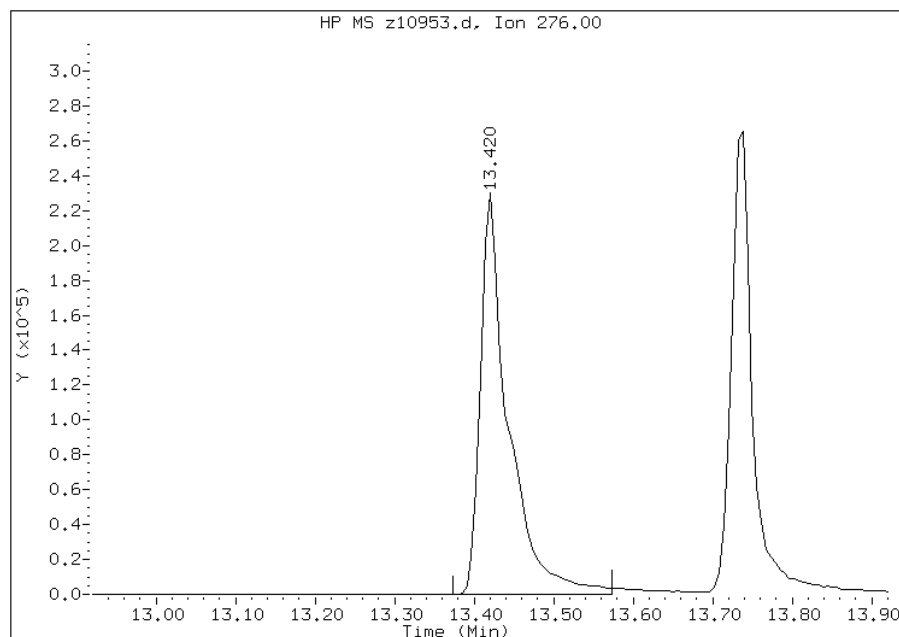


Manual Integration Report

Data File: z10953.d
Inj. Date and Time: 19-OCT-2011 02:41
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/19/2011

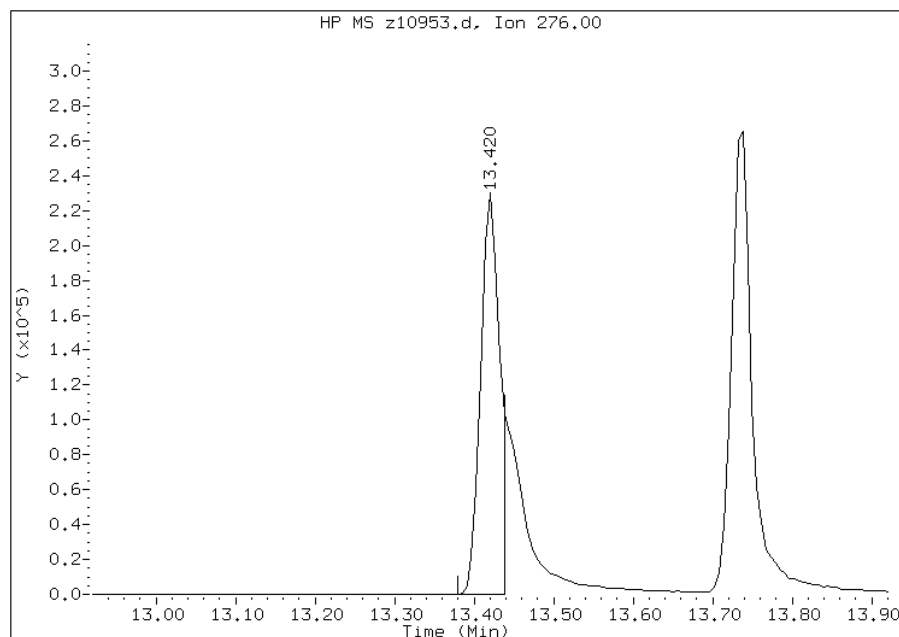
Processing Integration Results

RT: 13.42
Response: 556809
Amount: 64
Conc: 64



Manual Integration Results

RT: 13.42
Response: 378639
Amount: 43
Conc: 43



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
 Report Date: 26-Sep-2011 14:33

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 26-SEP-2011 10:44
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: DFTPP
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Compound Sublist: all.sub
 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 dftpp					CAS #:				
4.624	4.748	-0.124	198	29173			0.00-	100.00	100.00
4.624	4.748	-0.124	51	12452			30.00-	60.00	42.68
4.624	4.748	-0.124	68	0			0.00-	2.00	0.00
4.624	4.748	-0.124	69	12578			0.00-	0.00	43.12
4.624	4.748	-0.124	70	0			0.00-	2.00	0.00
4.624	4.748	-0.124	127	14981			40.00-	60.00	51.35
4.624	4.748	-0.124	197	0			0.00-	1.00	0.00
4.624	4.748	-0.124	199	1948			5.00-	9.00	6.68
4.624	4.748	-0.124	275	8726			10.00-	30.00	29.91
4.624	4.748	-0.124	365	1454			1.00-	0.00	4.98
4.624	4.748	-0.124	441	4407			0.01-	100.00	78.15
4.624	4.748	-0.124	442	29050			40.00-	110.00	99.58
4.624	4.748	-0.124	443	5639			17.00-	23.00	19.41

Data File: z10237.d

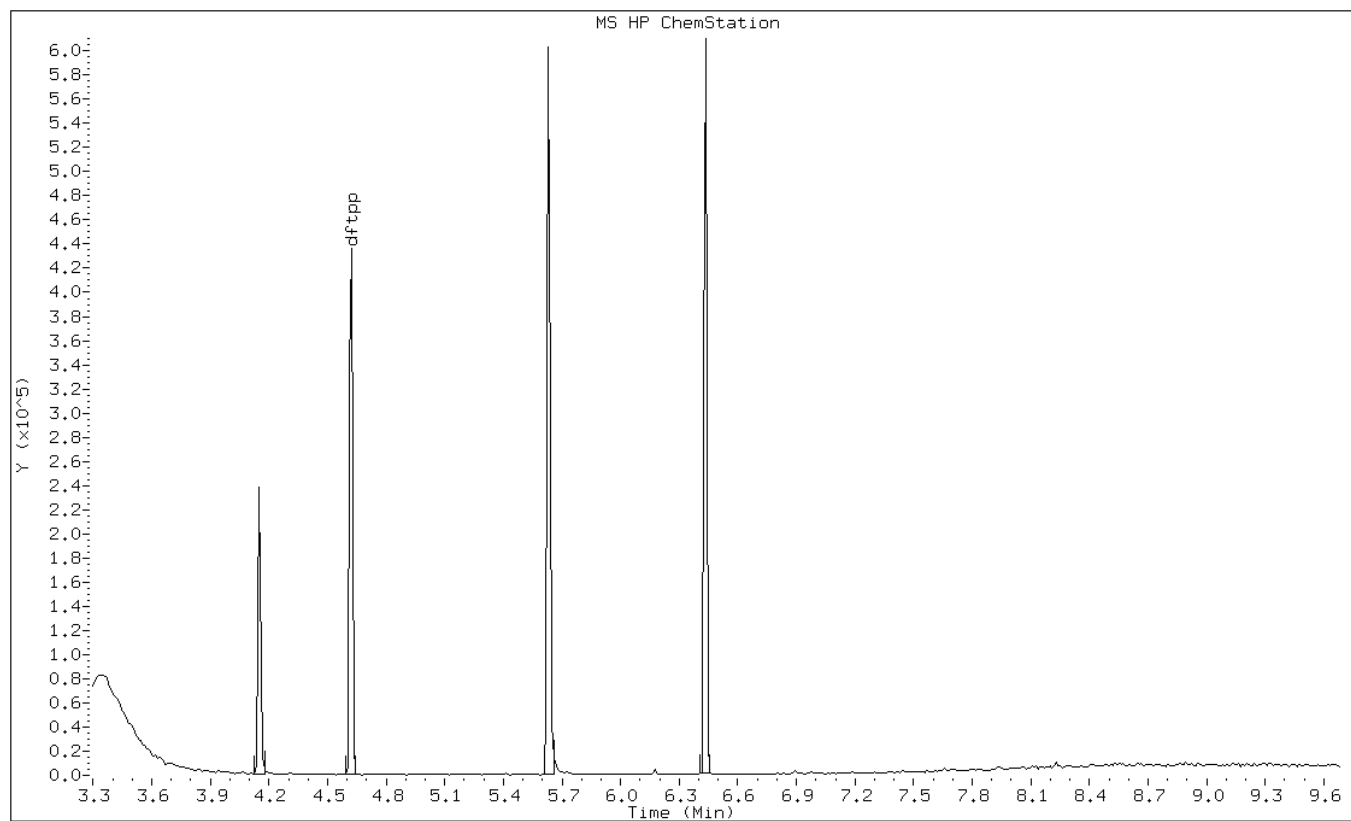
Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10237.d

Date: 26-SEP-2011 10:44

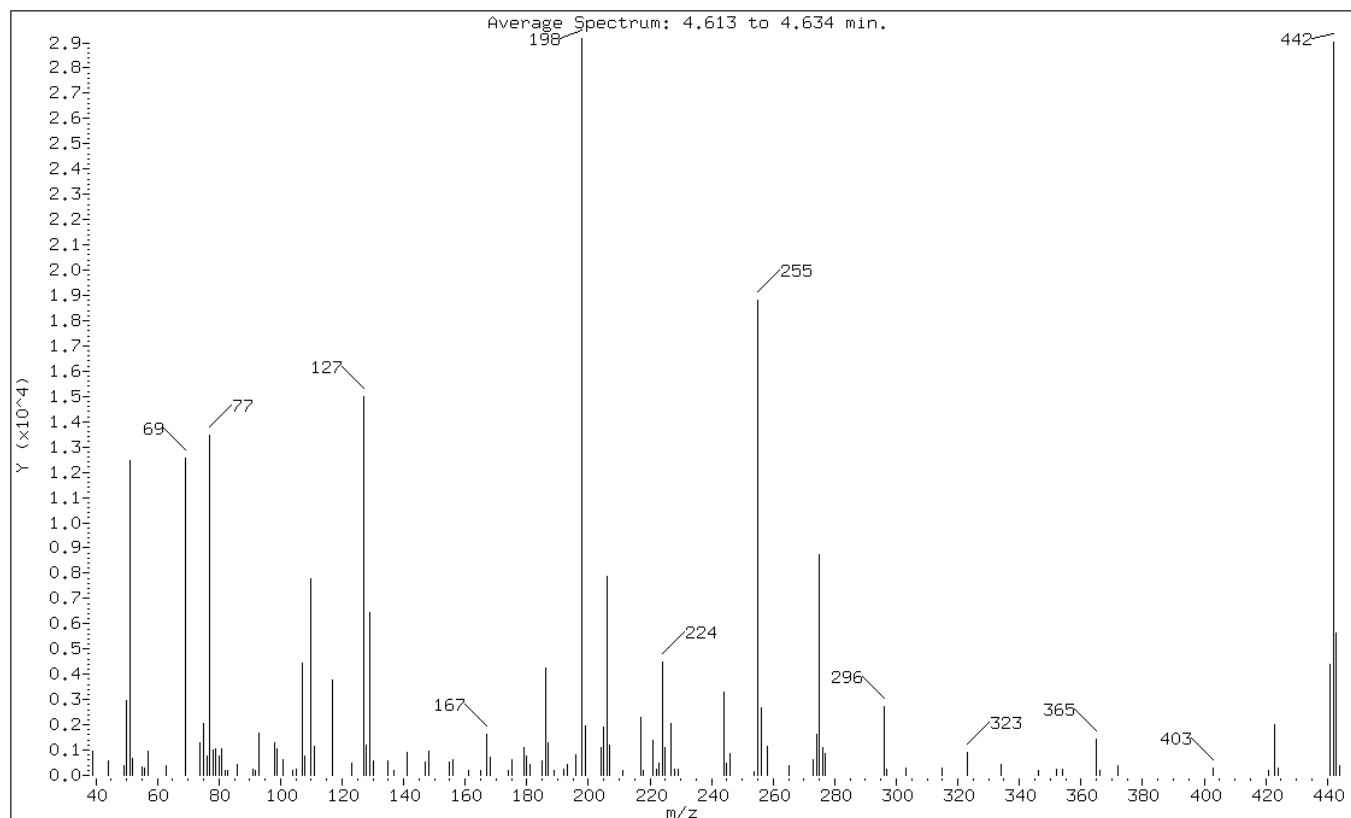
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.68
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.12
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.35
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	29.91
365	Greater than 1.00% of mass 198	4.98
441	0.01 - 100.00% of mass 443	15.11 (78.15)
442	40.00 - 110.00% of mass 198	99.58
443	17.00 - 23.00% of mass 442	19.33 (19.41)

Data File: z10237.d

Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
Spectrum: Average Spectrum: 4.613 to 4.634 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	932	105.00	215	187.00	1299	265.00	384
44.00	571	107.00	4446	189.00	169	273.00	616
49.00	384	108.00	763	192.00	235	274.00	1617
50.00	2953	110.00	7773	193.00	417	275.00	8726
51.00	12452	111.00	1165	196.00	802	276.00	1118
52.00	681	117.00	3752	198.00	29168	277.00	858
55.00	356	123.00	465	199.00	1948	296.00	2738
56.00	309	127.00	14981	204.00	1099	297.00	259
57.00	974	128.00	1198	205.00	1923	303.00	307
63.00	367	129.00	6438	206.00	7863	315.00	307
69.00	12578	130.00	576	207.00	1214	323.00	917
74.00	1269	135.00	557	211.00	170	334.00	442
75.00	2033	137.00	174	217.00	2269	346.00	171
76.00	755	141.00	914	218.00	199	352.00	242
77.00	13464	147.00	516	221.00	1405	354.00	215
78.00	982	148.00	970	222.00	237	365.00	1454
79.00	1031	155.00	514	223.00	489	366.00	184
80.00	761	156.00	633	224.00	4475	372.00	366
81.00	1044	161.00	213	225.00	1109	403.00	281
82.00	183	165.00	179	227.00	2059	421.00	196
83.00	171	167.00	1616	228.00	227	423.00	2004
86.00	406	168.00	709	229.00	246	424.00	304
91.00	229	174.00	200	244.00	3291	441.00	4407
92.00	179	175.00	600	245.00	471	442.00	29048
93.00	1671	179.00	1107	246.00	842	443.00	5639
98.00	1312	180.00	749	254.00	166	444.00	402
99.00	1038	181.00	420	255.00	18824		
101.00	602	185.00	554	256.00	2676		
104.00	211	186.00	4259	258.00	1133		

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10762.d
 Report Date: 13-Oct-2011 10:36

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10762.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 13-OCT-2011 10:26
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm dftpp bna 4589
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/DFTPP8270DEL.m
 Meth Date : 13-Oct-2011 10:35 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: DFTPP
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS									
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 dftpp					CAS #:				
4.282	4.282	0.000	198	30145			0.00-	100.00	100.00
4.282	4.282	0.000	51	13507			30.00-	60.00	44.81
4.282	4.282	0.000	68	0			0.00-	2.00	0.00
4.282	4.282	0.000	69	12965			0.00-	0.00	43.01
4.282	4.282	0.000	70	0			0.00-	2.00	0.00
4.282	4.282	0.000	127	15905			40.00-	60.00	52.76
4.282	4.282	0.000	197	170			0.00-	1.00	0.56
4.282	4.282	0.000	199	2012			5.00-	9.00	6.67
4.282	4.282	0.000	275	8731			10.00-	30.00	28.96
4.282	4.282	0.000	365	1410			1.00-	0.00	4.68
4.282	4.282	0.000	441	3845			0.01-	100.00	81.12
4.282	4.282	0.000	442	26614			40.00-	110.00	88.29
4.282	4.282	0.000	443	4740			17.00-	23.00	17.81

Data File: z10762.d

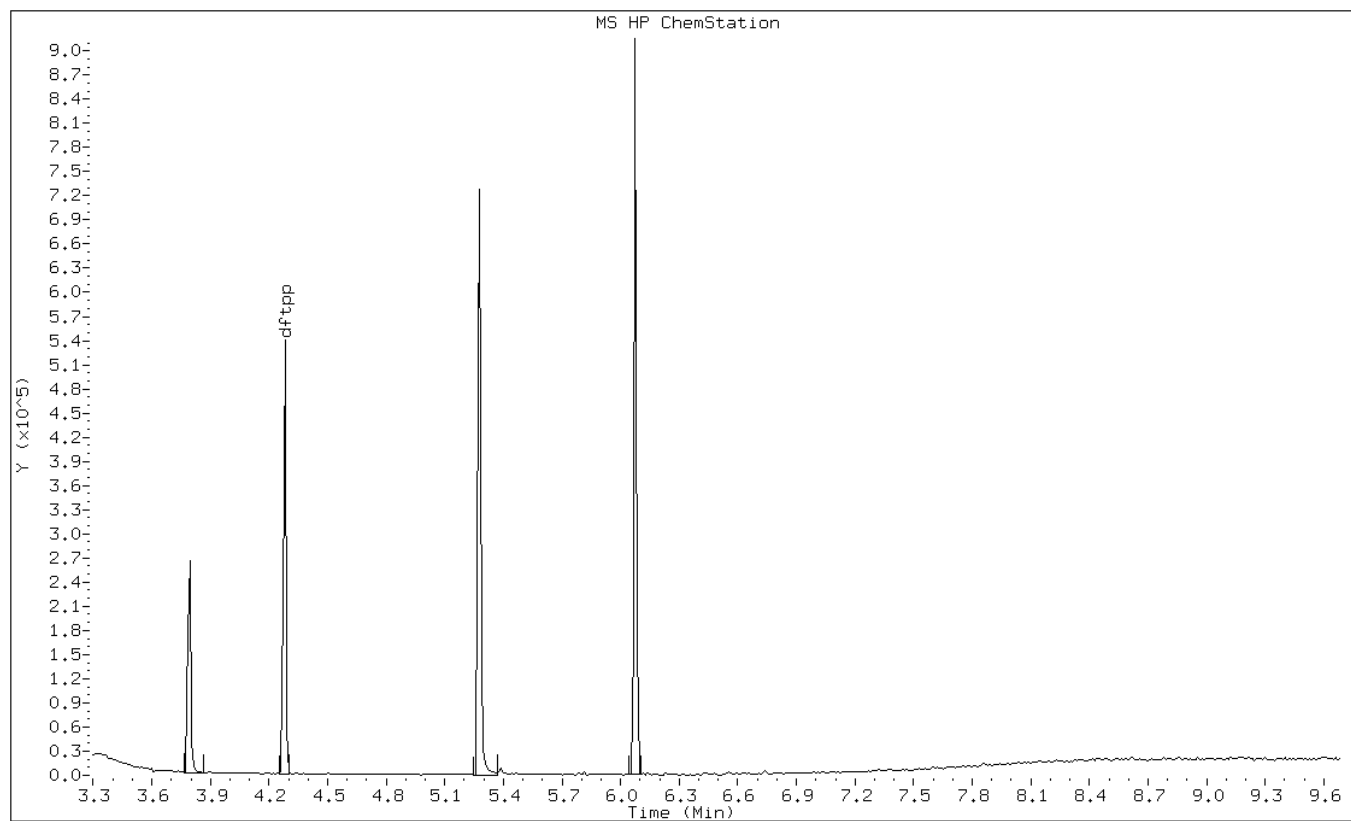
Date: 13-OCT-2011 10:26

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: z10762.d

Date: 13-OCT-2011 10:26

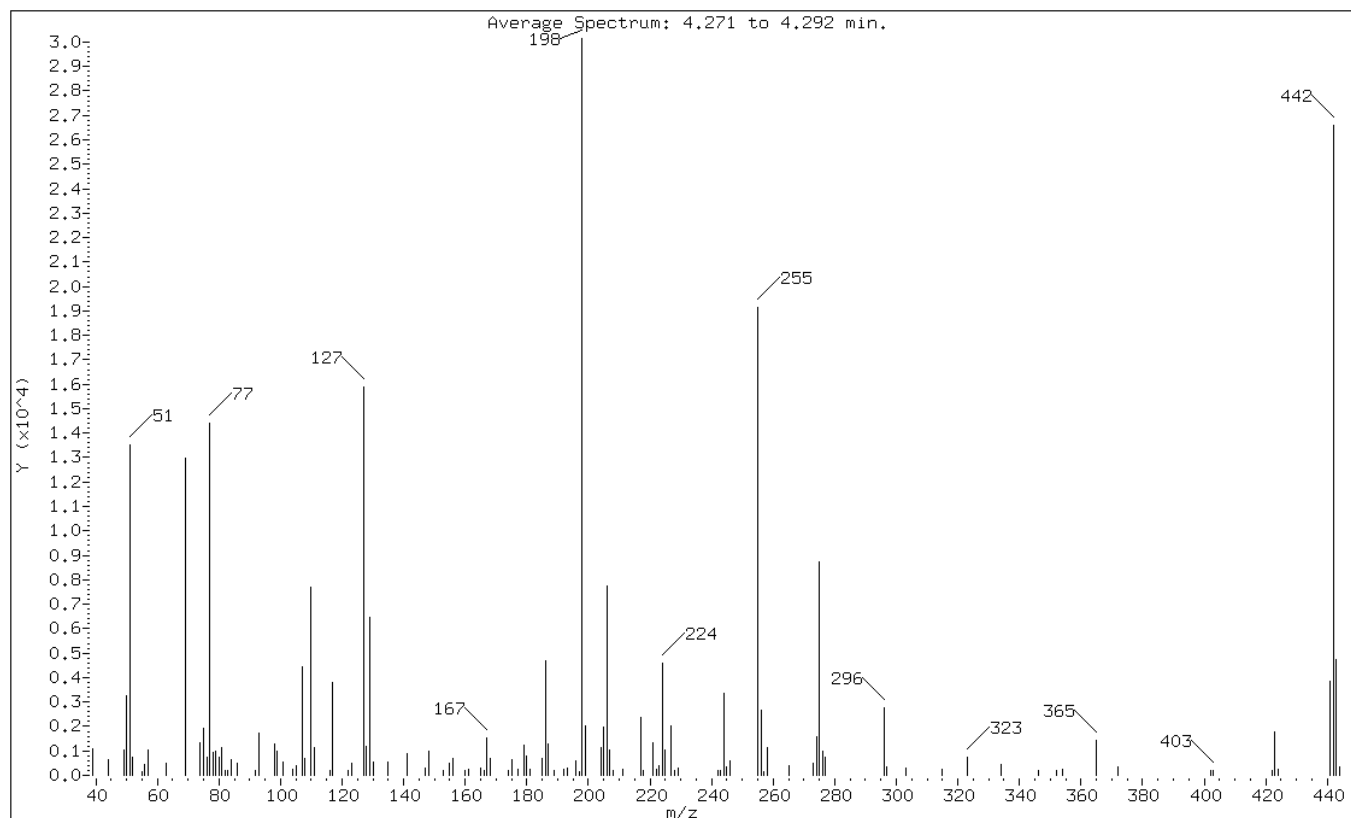
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.81
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.01
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.76
197	Less than 1.00% of mass 198	0.56
199	5.00 - 9.00% of mass 198	6.67
275	10.00 - 30.00% of mass 198	28.96
365	Greater than 1.00% of mass 198	4.68
441	0.01 - 100.00% of mass 443	12.76 (81.12)
442	40.00 - 110.00% of mass 198	88.29
443	17.00 - 23.00% of mass 442	15.72 (17.81)

Data File: z10762.d

Date: 13-OCT-2011 10:26

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10762.d

Spectrum: Average Spectrum: 4.271 to 4.292 min.

Location of Maximum: 198.00

Number of points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1085	108.00	689	186.00	4674	256.00	2640
44.00	660	110.00	7683	187.00	1302	257.00	167
49.00	1030	111.00	1138	189.00	213	258.00	1158
50.00	3258	116.00	183	192.00	263	265.00	398
51.00	13507	117.00	3799	193.00	300	273.00	469
52.00	728	122.00	203	196.00	597	274.00	1590
55.00	170	123.00	499	197.00	170	275.00	8731
56.00	439	127.00	15905	198.00	30144	276.00	1000
57.00	1054	128.00	1188	199.00	2012	277.00	739
63.00	478	129.00	6483	204.00	1146	296.00	2743
69.00	12965	130.00	566	205.00	1990	297.00	330
74.00	1315	135.00	530	206.00	7753	303.00	291
75.00	1923	141.00	887	207.00	1019	315.00	246
76.00	722	147.00	301	208.00	206	323.00	717
77.00	14388	148.00	979	211.00	231	334.00	460
78.00	959	153.00	194	217.00	2386	346.00	177
79.00	991	155.00	493	218.00	214	352.00	193
80.00	760	156.00	694	221.00	1338	354.00	250
81.00	1149	160.00	183	222.00	224	365.00	1410
82.00	181	161.00	267	223.00	371	372.00	367
83.00	214	165.00	272	224.00	4598	402.00	205
84.00	641	166.00	187	225.00	1014	403.00	210
86.00	495	167.00	1512	227.00	2042	422.00	176
92.00	179	168.00	689	228.00	220	423.00	1787
93.00	1740	174.00	217	229.00	301	424.00	240
98.00	1292	175.00	656	242.00	175	441.00	3845
99.00	1002	177.00	260	243.00	177	442.00	26608
101.00	562	179.00	1227	244.00	3379	443.00	4740
104.00	223	180.00	767	245.00	322	444.00	322
105.00	415	181.00	271	246.00	578		
107.00	4417	185.00	668	255.00	19144		

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10809.d
 Report Date: 14-Oct-2011 11:00

TestAmerica

Data file : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10809.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 14-OCT-2011 10:52
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm dftpp bna 4589
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/DFTPP8270DEL.m
 Meth Date : 13-Oct-2011 10:35 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: DFTPP
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.261	4.282	-0.021	198	24713			0.00- 100.00	100.00	
4.261	4.282	-0.021	51	11965			30.00- 60.00	48.42	
4.261	4.282	-0.021	68	0			0.00- 2.00	0.00	
4.261	4.282	-0.021	69	11204			0.00- 0.00	45.34	
4.261	4.282	-0.021	70	0			0.00- 2.00	0.00	
4.261	4.282	-0.021	127	13231			40.00- 60.00	53.54	
4.261	4.282	-0.021	197	0			0.00- 1.00	0.00	
4.261	4.282	-0.021	199	1793			5.00- 9.00	7.26	
4.261	4.282	-0.021	275	7157			10.00- 30.00	28.96	
4.261	4.282	-0.021	365	1171			1.00- 0.00	4.74	
4.261	4.282	-0.021	441	3171			0.01- 100.00	80.06	
4.261	4.282	-0.021	442	21548			40.00- 110.00	87.19	
4.261	4.282	-0.021	443	3961			17.00- 23.00	18.38	

Data File: z10809.d

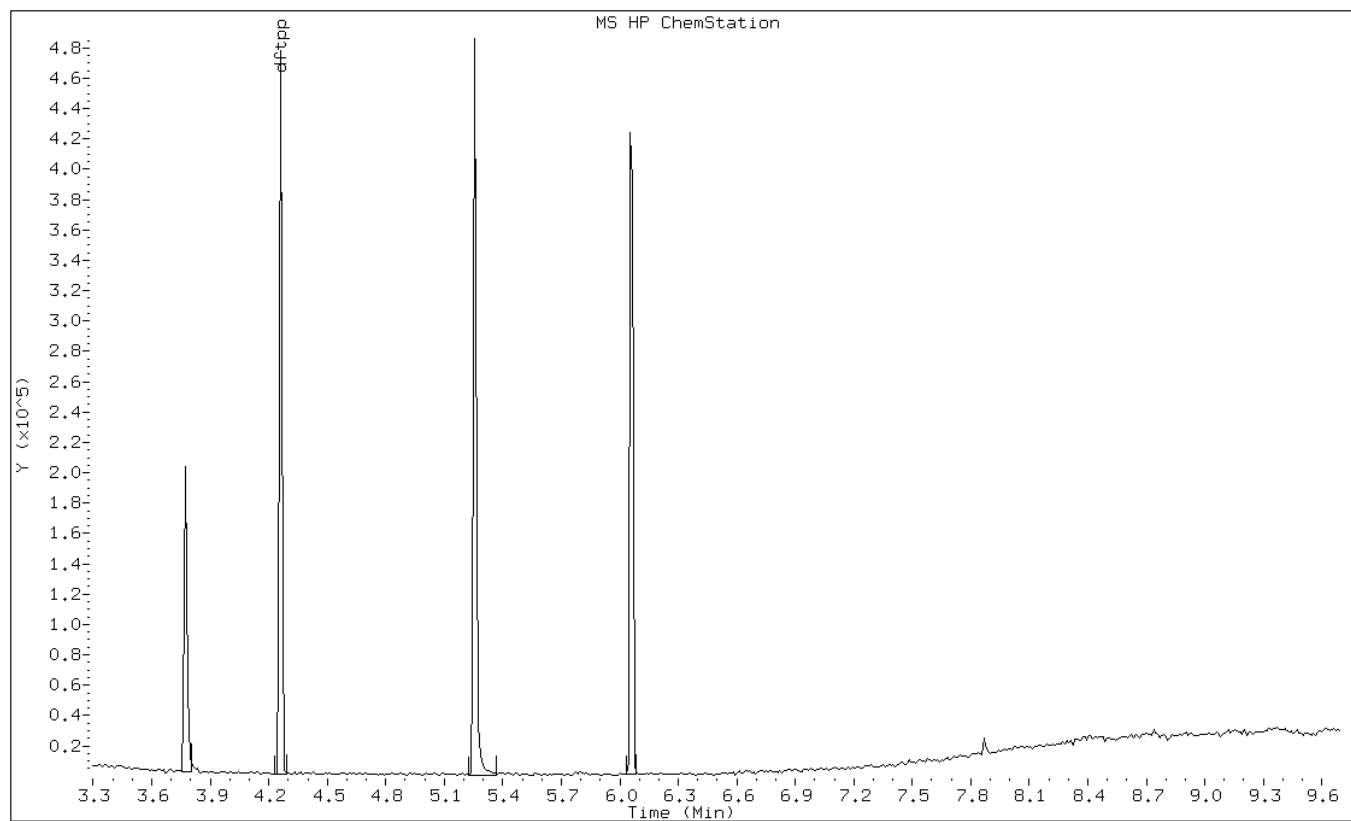
Date: 14-OCT-2011 10:52

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: z10809.d

Date: 14-OCT-2011 10:52

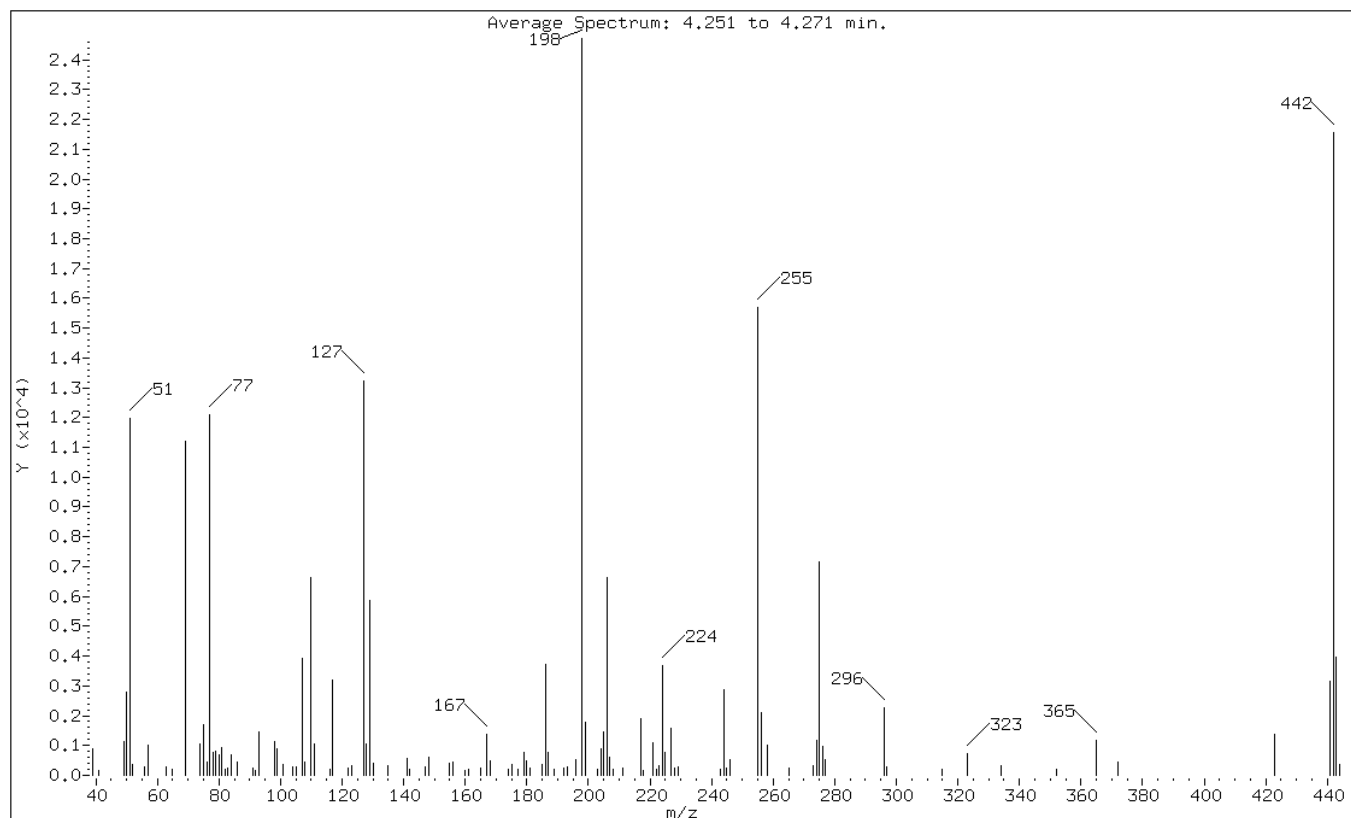
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.42
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.34
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.54
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.26
275	10.00 - 30.00% of mass 198	28.96
365	Greater than 1.00% of mass 198	4.74
441	0.01 - 100.00% of mass 443	12.83 (80.06)
442	40.00 - 110.00% of mass 198	87.19
443	17.00 - 23.00% of mass 442	16.03 (18.38)

Data File: z10809.d

Date: 14-OCT-2011 10:52

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/10-14-11del/14oct11.b/z10809.d

Spectrum: Average Spectrum: 4.251 to 4.271 min.

Location of Maximum: 198.00

Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	910	104.00	267	179.00	779	243.00	183
41.00	174	105.00	283	180.00	467	244.00	2860
49.00	1114	107.00	3916	181.00	238	245.00	253
50.00	2788	108.00	456	185.00	351	246.00	532
51.00	11965	110.00	6641	186.00	3727	255.00	15690
52.00	373	111.00	1041	187.00	757	256.00	2107
56.00	271	116.00	203	189.00	195	258.00	1010
57.00	998	117.00	3200	192.00	260	265.00	245
63.00	276	122.00	225	193.00	289	273.00	343
65.00	191	123.00	332	196.00	513	274.00	1172
69.00	11204	127.00	13231	198.00	24712	275.00	7157
74.00	1062	128.00	1067	199.00	1793	276.00	973
75.00	1682	129.00	5854	203.00	184	277.00	521
76.00	439	130.00	408	204.00	896	296.00	2257
77.00	12105	135.00	323	205.00	1464	297.00	298
78.00	758	141.00	574	206.00	6637	315.00	192
79.00	824	142.00	212	207.00	624	323.00	742
80.00	686	147.00	268	208.00	201	334.00	339
81.00	946	148.00	614	211.00	228	352.00	195
82.00	189	155.00	386	217.00	1902	365.00	1171
83.00	224	156.00	445	218.00	180	372.00	431
84.00	676	160.00	170	221.00	1073	423.00	1381
86.00	454	161.00	213	222.00	204	441.00	3171
91.00	225	165.00	244	223.00	330	442.00	21544
92.00	169	167.00	1376	224.00	3679	443.00	3961
93.00	1442	168.00	487	225.00	781	444.00	360
98.00	1123	174.00	206	227.00	1578		
99.00	879	175.00	350	228.00	237		
101.00	357	177.00	198	229.00	274		

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10947.d
 Report Date: 19-Oct-2011 06:01

TestAmerica

Data file : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10947.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 19-OCT-2011 00:14
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm dftpp bna 4589
 Comment :
 Method : /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/DFTPP8270DEL.m
 Meth Date : 13-Oct-2011 10:35 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: DFTPP
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.230	4.282	-0.052	198	34103			0.00- 100.00	100.00	
4.230	4.282	-0.052	51	14904			30.00- 60.00	43.70	
4.230	4.282	-0.052	68	207			0.00- 2.00	1.45	
4.230	4.282	-0.052	69	14227			0.00- 0.00	41.72	
4.230	4.282	-0.052	70	0			0.00- 2.00	0.00	
4.230	4.282	-0.052	127	18153			40.00- 60.00	53.23	
4.230	4.282	-0.052	197	0			0.00- 1.00	0.00	
4.230	4.282	-0.052	199	2329			5.00- 9.00	6.83	
4.230	4.282	-0.052	275	9572			10.00- 30.00	28.07	
4.230	4.282	-0.052	365	1615			1.00- 0.00	4.74	
4.230	4.282	-0.052	441	4652			0.01- 100.00	79.59	
4.230	4.282	-0.052	442	30666			40.00- 110.00	89.92	
4.230	4.282	-0.052	443	5845			17.00- 23.00	19.06	

Data File: z10947.d

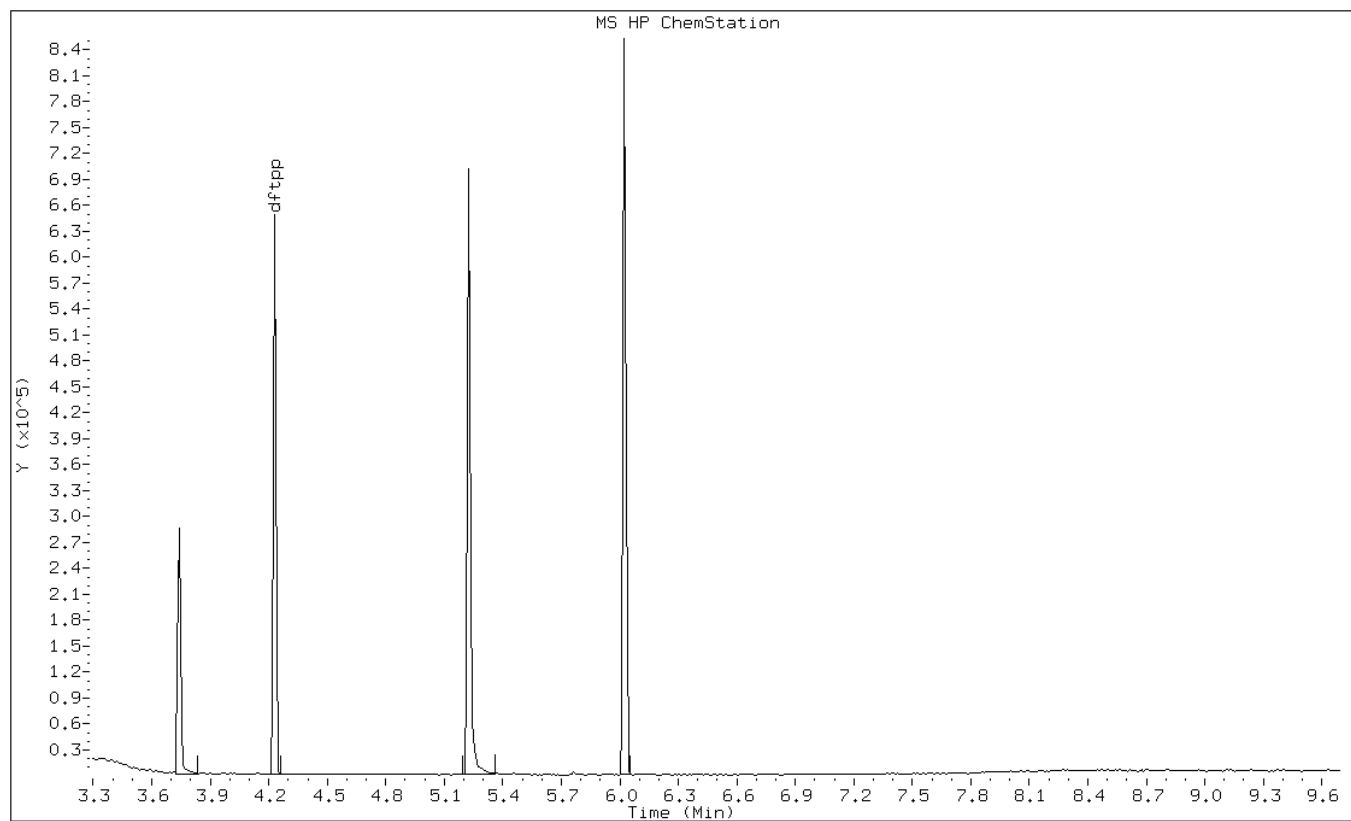
Date: 19-OCT-2011 00:14

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: z10947.d

Date: 19-OCT-2011 00:14

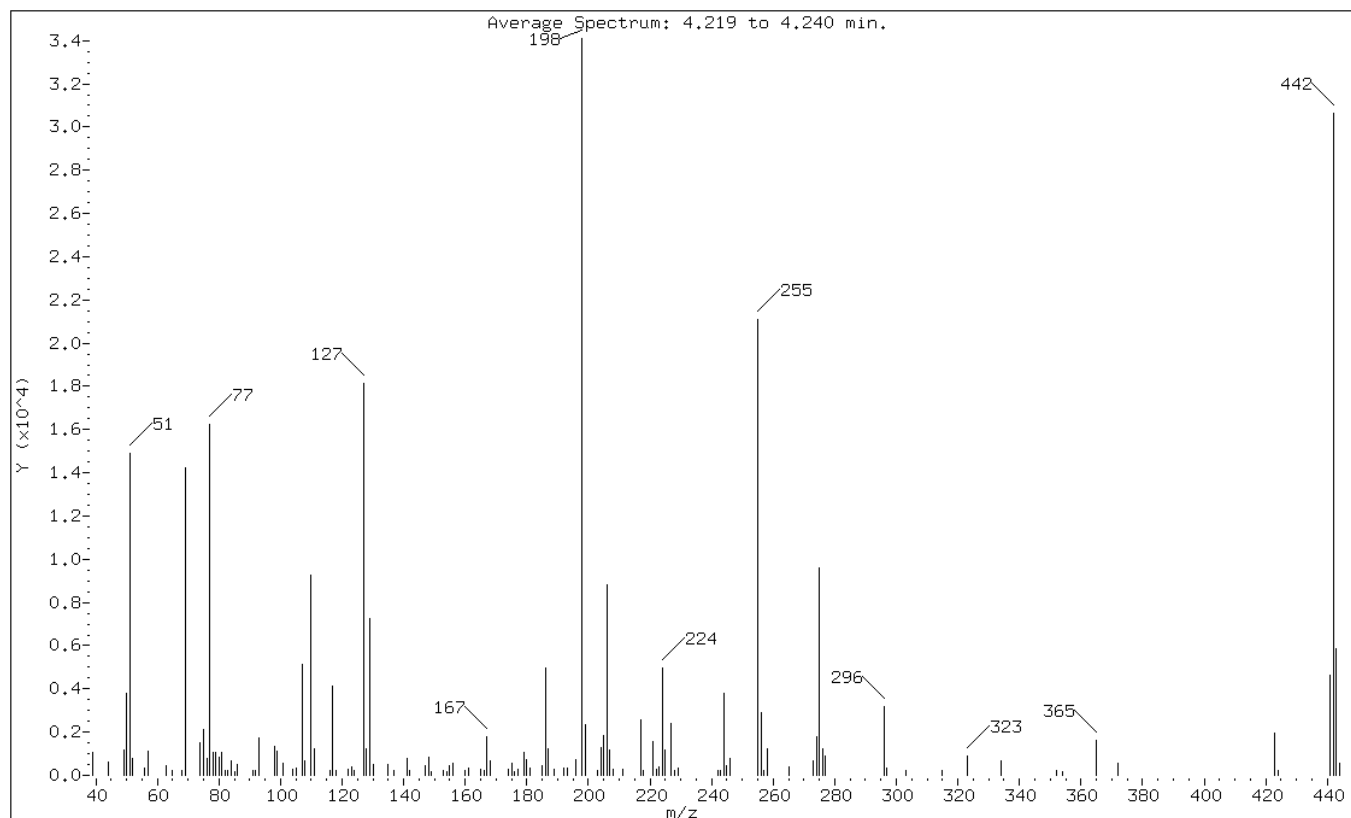
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.70
68	Less than 2.00% of mass 69	0.61 (1.45)
69	Mass 69 relative abundance	41.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.23
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.83
275	10.00 - 30.00% of mass 198	28.07
365	Greater than 1.00% of mass 198	4.74
441	0.01 - 100.00% of mass 443	13.64 (79.59)
442	40.00 - 110.00% of mass 198	89.92
443	17.00 - 23.00% of mass 442	17.14 (19.06)

Data File: z10947.d

Date: 19-OCT-2011 00:14

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b/z10947.d

Spectrum: Average Spectrum: 4.219 to 4.240 min.

Location of Maximum: 198.00

Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1078	107.00	5130	176.00	167	244.00	3812
44.00	637	108.00	677	177.00	283	245.00	426
49.00	1155	110.00	9244	179.00	1080	246.00	792
50.00	3768	111.00	1236	180.00	707	255.00	21120
51.00	14904	116.00	203	181.00	327	256.00	2880
52.00	784	117.00	4141	185.00	468	257.00	197
56.00	347	118.00	220	186.00	4958	258.00	1243
57.00	1112	122.00	279	187.00	1227	265.00	398
63.00	434	123.00	379	189.00	258	273.00	678
65.00	198	124.00	203	192.00	314	274.00	1792
68.00	207	127.00	18152	193.00	354	275.00	9572
69.00	14227	128.00	1200	196.00	742	276.00	1222
74.00	1508	129.00	7268	198.00	34096	277.00	897
75.00	2109	130.00	484	199.00	2329	296.00	3155
76.00	759	135.00	506	203.00	224	297.00	320
77.00	16250	137.00	230	204.00	1294	303.00	248
78.00	1037	141.00	801	205.00	1846	315.00	222
79.00	1070	142.00	228	206.00	8792	323.00	890
80.00	843	147.00	436	207.00	1146	334.00	663
81.00	1046	148.00	825	208.00	284	352.00	207
82.00	225	149.00	176	211.00	263	354.00	181
83.00	207	153.00	248	217.00	2585	365.00	1615
84.00	681	154.00	169	218.00	212	372.00	534
85.00	170	155.00	435	221.00	1550	423.00	1941
86.00	494	156.00	561	222.00	272	424.00	200
91.00	212	160.00	236	223.00	406	441.00	4652
92.00	201	161.00	342	224.00	4985	442.00	30664
93.00	1710	165.00	303	225.00	1147	443.00	5845
98.00	1355	166.00	245	227.00	2388	444.00	580
99.00	1090	167.00	1759	228.00	200		
101.00	545	168.00	644	229.00	329		
104.00	293	174.00	290	242.00	216		
105.00	314	175.00	553	243.00	203		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-88819/1-A

Matrix: Solid Lab File ID: z10765.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 11:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	40
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
98-86-2	Acetophenone	330	U	330	49
106-44-5	4-Methylphenol	330	U	330	54
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-83-2	2,4-Dichlorophenol	330	U	330	53
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	55
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	1,1'-Biphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
131-11-3	Dimethyl phthalate	330	U	330	45
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
51-28-5	2,4-Dinitrophenol	1000	U	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-88819/1-A

Matrix: Solid Lab File ID: z10765.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 11:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.6
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
1912-24-9	Atrazine	330	U	330	62
87-86-5	Pentachlorophenol	1000	U	1000	160
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
84-74-2	Di-n-butyl phthalate	330	U	330	51
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	39
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88819/1-A
Matrix: Solid Lab File ID: z10765.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 11:48
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	75		10-120
321-60-8	2-Fluorobiphenyl	71		40-109
367-12-4	2-Fluorophenol (Surr)	72		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	74		38-105
4165-62-2	Phenol-d5 (Surr)	73		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88819/1-A
Matrix: Solid Lab File ID: z10765.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 11:48
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg
Number TICs Found: 1 TIC Result Total: 4880

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.98	4880	A J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10765.d
 Report Date: 13-Oct-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10765.d
 Lab Smp Id: MB 460-88819/1-A
 Inj Date : 13-OCT-2011 11:48
 Operator : BNAMS 4
 Smp Info : MB 460-88819/1-A
 Misc Info : MB 460-88819/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.255	2.214	(0.655)	1504369	72.2761	4800
\$ 17 Phenol-d5 (SUR)		99	3.126	3.132	(0.908)	1797596	73.4534	4900
* 79 1,4-Dichlorobenzene-d4		152	3.444	3.449	(1.000)	604375	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.020	4.032	(0.846)	885610	36.7546	2400
* 80 Naphthalene-d8		136	4.749	4.755	(1.000)	2327793	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.849	5.855	(0.900)	1439187	35.3697	2400
* 82 Acenaphthene-d10		164	6.496	6.496	(1.000)	1126013	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.267	7.273	(1.119)	364750	74.8751	5000
* 83 Phenanthrene-d10		188	7.937	7.937	(1.000)	1479546	40.0000	
\$ 78 Terphenyl-d14		244	9.502	9.508	(0.904)	873163	38.6905	2600
* 81 Chrysene-d12		240	10.514	10.519	(1.000)	774709	40.0000	
* 84 Perylene-d12		264	12.166	12.166	(1.000)	591538	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10765.d
 Report Date: 13-Oct-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10765.d
 Lab Smp Id: MB 460-88819/1-A
 Inj Date : 13-OCT-2011 11:48
 Operator : BNAMS 4
 Smp Info : MB 460-88819/1-A
 Misc Info : MB 460-88819/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.444	3935946	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate					CAS #:		
1.985	7210183	73.2752118	4900	0		0	79

Data File: z10765.d

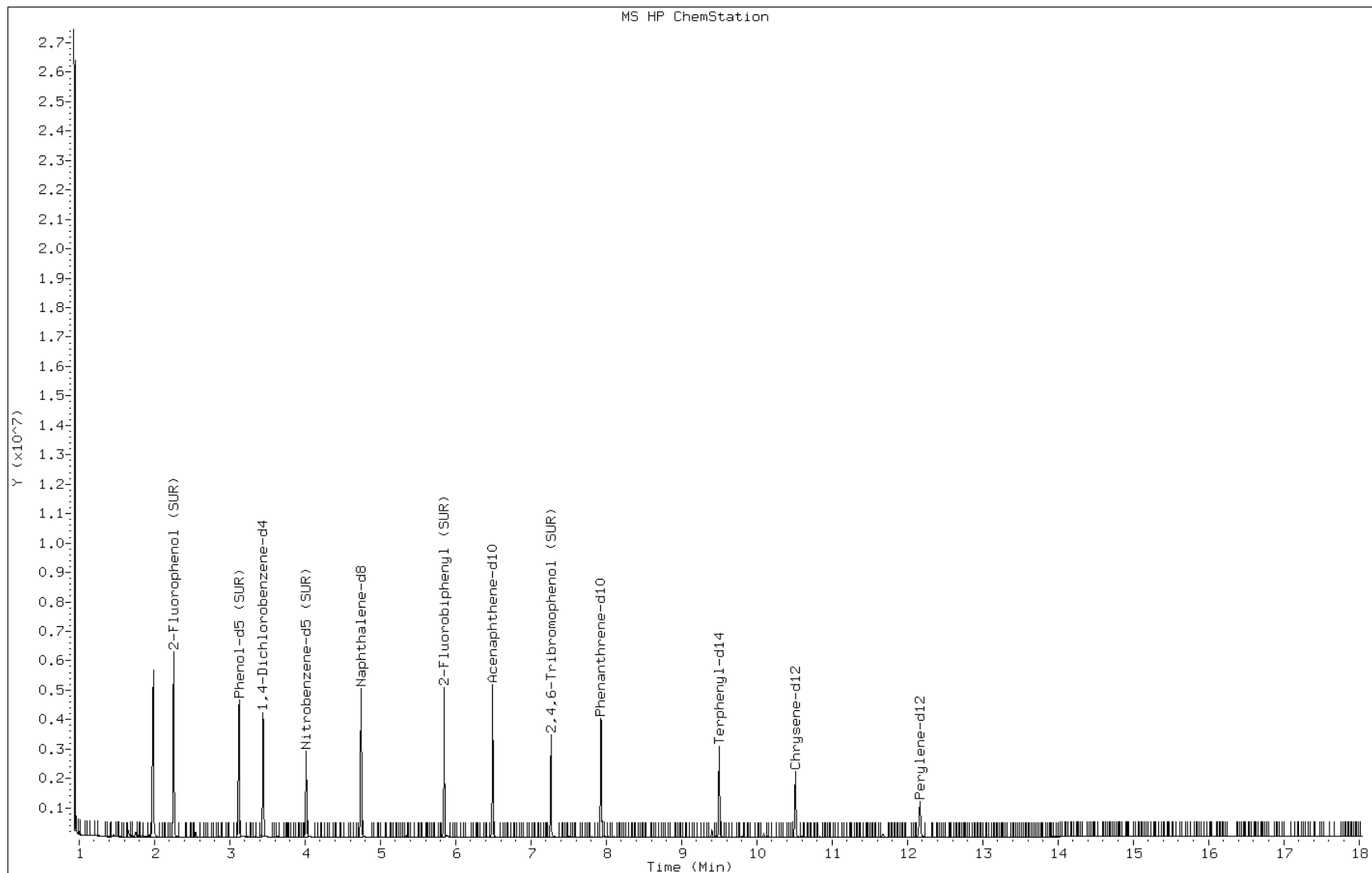
Date: 13-OCT-2011 11:48

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-88819/1-A

Operator: BNAMS 4



Data File: z10765.d

Date: 13-OCT-2011 11:48

Client ID:

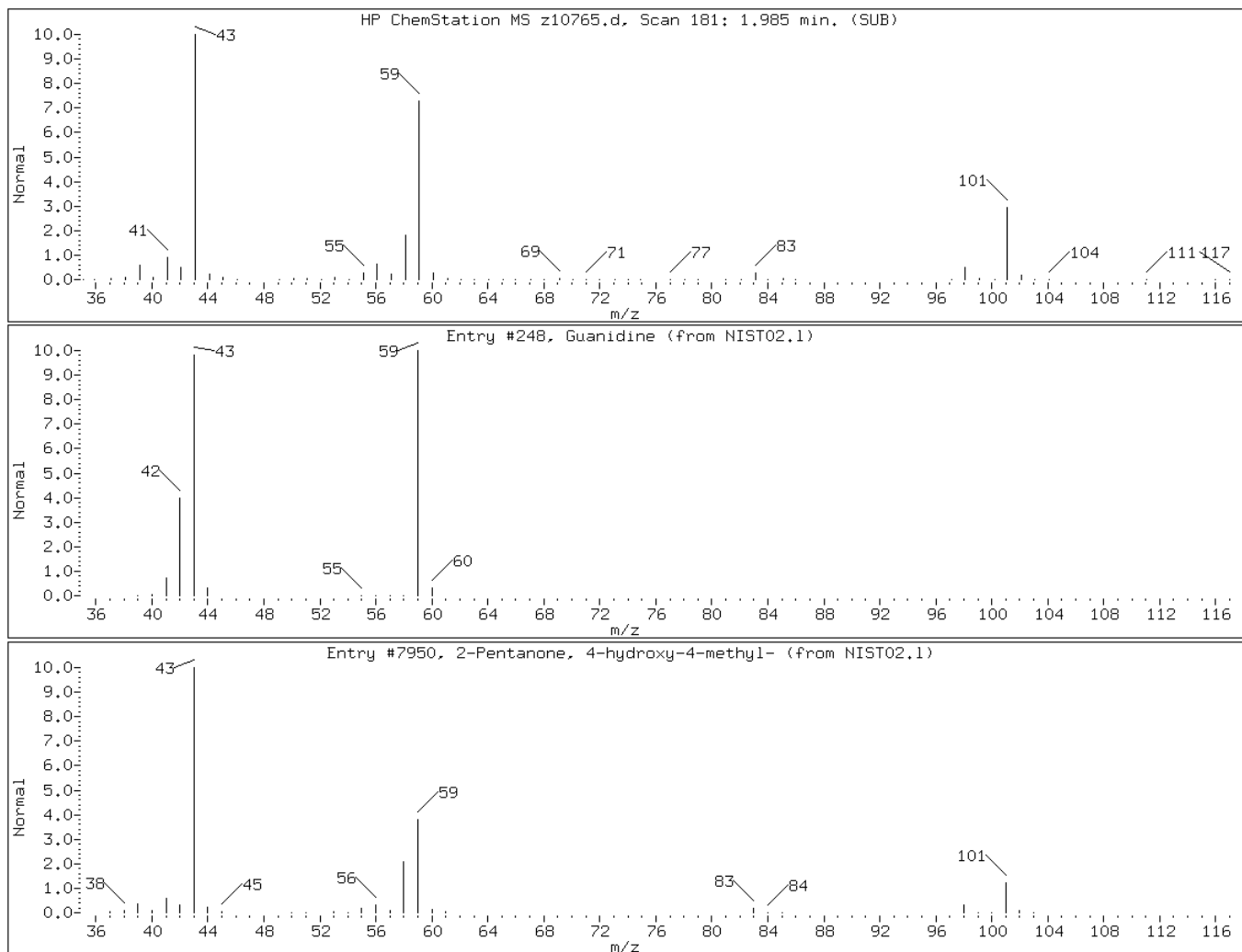
Instrument: BNAMS11.i

Sample Info: MB 460-88819/1-A

Operator: BNAMS 4

Retention Time: 1.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
Guanidine	113-00-8	NIST02.1	248	43	CH5N3	59
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7950	40	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-88819/2-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10766.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 12:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3650		330	21
108-95-2	Phenol	4690		330	41
111-44-4	Bis(2-chloroethyl)ether	2550		33	6.9
95-57-8	2-Chlorophenol	4910		330	44
95-48-7	2-Methylphenol	4960		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2530		330	43
98-86-2	Acetophenone	2470		330	49
106-44-5	4-Methylphenol	4260		330	54
621-64-7	N-Nitrosodi-n-propylamine	2590		33	4.4
67-72-1	Hexachloroethane	2550		33	5.6
98-95-3	Nitrobenzene	2590		33	7.4
78-59-1	Isophorone	2640		330	38
88-75-5	2-Nitrophenol	5360		330	54
105-67-9	2,4-Dimethylphenol	5190		330	53
111-91-1	Bis(2-chloroethoxy)methane	2720		330	47
120-83-2	2,4-Dichlorophenol	5040		330	53
91-20-3	Naphthalene	2610		330	48
106-47-8	4-Chloroaniline	1830		330	42
87-68-3	Hexachlorobutadiene	2730		67	13
105-60-2	Caprolactam	2120		330	45
59-50-7	4-Chloro-3-methylphenol	5170		330	56
91-57-6	2-Methylnaphthalene	2650		330	48
77-47-4	Hexachlorocyclopentadiene	2340		330	97
88-06-2	2,4,6-Trichlorophenol	5380		330	59
95-95-4	2,4,5-Trichlorophenol	5340		330	64
92-52-4	1,1'-Biphenyl	2770		330	55
91-58-7	2-Chloronaphthalene	2640		330	47
88-74-4	2-Nitroaniline	2620		670	91
131-11-3	Dimethyl phthalate	2780		330	45
606-20-2	2,6-Dinitrotoluene	2760		67	8.4
208-96-8	Acenaphthylene	2580		330	47
99-09-2	3-Nitroaniline	1940		670	75
83-32-9	Acenaphthene	2750		330	47
51-28-5	2,4-Dinitrophenol	5910		1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-88819/2-A

Matrix: Solid Lab File ID: z10766.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/08/2011 16:15

Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5880		1000	85
132-64-9	Dibenzofuran	2690		330	50
121-14-2	2,4-Dinitrotoluene	2770		67	9.7
84-66-2	Diethyl phthalate	2790		330	44
86-73-7	Fluorene	2720		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2770		330	57
100-01-6	4-Nitroaniline	2880		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5680		1000	160
86-30-6	N-Nitrosodiphenylamine	2780		330	54
101-55-3	4-Bromophenyl phenyl ether	2770		330	59
118-74-1	Hexachlorobenzene	2840		33	4.6
1912-24-9	Atrazine	2350		330	62
87-86-5	Pentachlorophenol	5750		1000	160
85-01-8	Phenanthrene	2800		330	58
120-12-7	Anthracene	2720		330	58
86-74-8	Carbazole	2770		330	53
84-74-2	Di-n-butyl phthalate	2860		330	51
206-44-0	Fluoranthene	2850		330	55
129-00-0	Pyrene	2480		330	57
85-68-7	Butyl benzyl phthalate	2680		330	39
91-94-1	3,3'-Dichlorobenzidine	2430		670	73
56-55-3	Benzo[a]anthracene	2750		33	6.1
218-01-9	Chrysene	2810		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2700		330	44
117-84-0	Di-n-octyl phthalate	2310		330	39
205-99-2	Benzo[b]fluoranthene	2670		33	4.9
207-08-9	Benzo[k]fluoranthene	2590		33	4.6
50-32-8	Benzo[a]pyrene	2570		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	3050		33	5.3
53-70-3	Dibenz(a,h)anthracene	2870		33	4.0
191-24-2	Benzo[g,h,i]perylene	2880		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-88819/2-A
Matrix: Solid Lab File ID: z10766.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	78		10-120
321-60-8	2-Fluorobiphenyl	77		40-109
367-12-4	2-Fluorophenol (Surr)	68		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	77		38-105
4165-62-2	Phenol-d5 (Surr)	67		41-118
1718-51-0	Terphenyl-d14 (Surr)	73		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10766.d
 Report Date: 15-Oct-2011 11:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10766.d
 Lab Smp Id: LCS 460-88819/2-A
 Inj Date : 13-OCT-2011 12:13
 Operator : BNAMS 4
 Smp Info : LCS 460-88819/2-A
 Misc Info : LCS 460-88819/2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 5 QC Sample: BS
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.097	1.002	(0.318)	238619	28.3297	1900
19 N-Nitrosodimethylamine		74	1.273	1.191	(0.369)	448667	40.2297	2700(H)
71 Pyridine		79	1.291	1.208	(0.374)	698764	33.7287	2200
\$ 16 2-Fluorophenol (SUR)		112	2.249	2.214	(0.652)	1289382	68.4951	4600
110 Benzaldehyde		77	3.002	2.996	(0.870)	447427	54.7301	3600
73 Aniline		93	3.120	3.114	(0.904)	739211	26.9014	1800
\$ 17 Phenol-d5 (SUR)		99	3.132	3.132	(0.908)	1489712	67.3069	4500
1 Phenol		94	3.149	3.143	(0.913)	1655246	70.2812	4700
20 bis(2-Chloroethyl)ether		93	3.202	3.196	(0.928)	720937	38.1947	2500
2 2-Chlorophenol		128	3.243	3.243	(0.940)	1420865	73.5905	4900
113 n-decane		43	3.320	3.320	(0.962)	728878	37.2604	2500
21 1,3-Dichlorobenzene		146	3.390	3.391	(0.983)	848545	38.5635	2600
* 79 1,4-Dichlorobenzene-d4		152	3.449	3.449	(1.000)	546599	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10766.d
 Report Date: 15-Oct-2011 11:01

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)	864028	38.8245	2600
74 Benzyl Alcohol	108	3.614	3.620	(1.048)	453291	39.3024	2600
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	802377	38.8281	2600
24 bis (2-chloroisopropyl) ether	45	3.755	3.755	(1.089)	824471	37.9033	2500
3 2-Methylphenol	108	3.755	3.761	(1.089)	1186600	74.4346	5000
104 Acetophenone	105	3.879	3.890	(1.124)	890660	37.0641	2500
25 N-Nitroso-di-n-propylamine	70	3.902	3.908	(1.131)	469757	38.7981	2600
4 4-Methylphenol	108	3.926	3.926	(1.138)	1130170	63.8965	4200
121 3 & 4 Methylphenol	108	3.926	3.926	(1.138)	1130170	63.8965	4200
26 Hexachloroethane	117	3.961	3.967	(1.148)	348710	38.2760	2600
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.032	(0.848)	747563	38.3885	2600
27 Nitrobenzene	77	4.049	4.055	(0.853)	1029564	38.9198	2600
107 N,N-Dimethylaniline	120	4.055	4.061	(1.176)	1016210	36.1242	2400
28 Isophorone	82	4.308	4.302	(0.907)	1166954	39.5559	2600
5 2-Nitrophenol	139	4.379	4.379	(0.922)	716791	80.3757	5400
6 2,4-Dimethylphenol	122	4.467	4.461	(0.941)	1120203	77.9189	5200
29 bis(2-Chloroethoxy)methane	93	4.543	4.549	(0.957)	740336	40.8320	2700
7 2,4-Dichlorophenol	162	4.637	4.638	(0.976)	925510	75.6197	5000
30 1,2,4-Trichlorobenzene	180	4.702	4.708	(0.990)	585251	40.2798	2700
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1881312	40.0000	
31 Naphthalene	128	4.773	4.773	(1.005)	2006858	39.1128	2600
32 4-Chloroaniline	127	4.849	4.849	(1.021)	497594	27.4012	1800
33 Hexachlorobutadiene	225	4.920	4.920	(1.036)	360047	40.9661	2700
111 Caprolactam	113	5.243	5.237	(1.104)	105604	31.7746	2100
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.134)	966063	77.5091	5200
34 2-Methylnaphthalene	142	5.473	5.473	(1.152)	1187721	39.7849	2600
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	245268	35.1006	2300
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	595412	80.6448	5400
10 2,4,5-Trichlorophenol	196	5.814	5.820	(0.895)	611883	80.0803	5300
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1134582	38.5993	2600
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	996902	39.6716	2600
102 Diphenyl	154	5.949	5.949	(0.916)	1421030	41.6022	2800
103 Diphenyl Ether	170	6.055	6.055	(0.932)	704595	40.2804	2700
37 2-Nitroaniline	65	6.073	6.073	(0.935)	304372	39.2863	2600
38 Dimethylphthalate	163	6.273	6.273	(0.966)	980479	41.6693	2800
40 2,6-Dinitrotoluene	165	6.320	6.326	(0.973)	221367	41.4512	2800
39 Acenaphthylene	152	6.355	6.355	(0.978)	1517030	38.7004	2600
41 3-Nitroaniline	138	6.479	6.484	(0.997)	166085	29.0750	1900
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	813419	40.0000	
42 Acenaphthene	154	6.526	6.532	(1.005)	947441	41.2610	2800
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	246623	88.7185	5900
12 4-Nitrophenol	65	6.696	6.696	(1.031)	371441	88.1762	5900
43 Dibenzofuran	168	6.702	6.702	(1.032)	1263958	40.4165	2700
44 2,4-Dinitrotoluene	165	6.714	6.720	(1.034)	274120	41.6008	2800
45 Diethylphthalate	149	6.973	6.973	(1.073)	996798	41.9020	2800
47 Fluorene	166	7.031	7.037	(1.082)	1017074	40.7843	2700
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	459566	41.5517	2800

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10766.d
 Report Date: 15-Oct-2011 11:01

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.079	7.079	(1.090)	192629	43.1264	2900
13 4,6-Dinitro-2-methylphenol	198		7.120	7.120	(0.897)	288911	85.2372	5700
49 N-Nitrosodiphenylamine	169		7.173	7.173	(0.904)	652573	41.6376	2800
75 1,2-Diphenylhydrazine	77		7.202	7.202	(0.907)	1239874	40.8310	2700
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.273	7.273	(1.120)	275649	78.3299	5200
50 4-Bromophenyl-phenylether	248		7.520	7.520	(0.947)	254884	41.6060	2800
51 Hexachlorobenzene	284		7.573	7.578	(0.954)	277174	42.5878	2800
112 Atrazine	200		7.714	7.714	(0.972)	166580	35.2951	2400
14 Pentachlorophenol	266		7.778	7.778	(0.980)	296170	86.2886	5800
* 83 Phenanthrene-d10	188		7.937	7.937	(1.000)	1001946	40.0000	
52 Phenanthrene	178		7.961	7.961	(1.003)	1178884	42.0018	2800
53 Anthracene	178		8.008	8.008	(1.009)	1166681	40.8365	2700
54 Carbazole	167		8.178	8.178	(1.030)	943020	41.4839	2800
55 Di-n-butylphthalate	149		8.555	8.561	(1.078)	1358794	42.8959	2800
56 Fluoranthene	202		9.108	9.114	(1.147)	978799	42.6821	2800
58 Benzidine	184		9.261	9.261	(1.167)	53274	14.0939	940
57 Pyrene	202		9.325	9.325	(0.886)	957934	37.1921	2500
\$ 78 Terphenyl-d14	244		9.502	9.508	(0.903)	645906	36.7168	2400
59 Butylbenzylphthalate	149		10.002	10.002	(0.951)	462864	40.1946	2700
61 Benzo(a)anthracene	228		10.508	10.508	(0.999)	726323	41.2069	2700
60 3,3'-Dichlorobenzidine	252		10.502	10.502	(0.998)	195210	36.4560	2400
* 81 Chrysene-d12	240		10.519	10.519	(1.000)	603882	40.0000	
62 Chrysene	228		10.543	10.549	(1.002)	734077	42.2207	2800
63 bis(2-Ethylhexyl)phthalate	149		10.608	10.608	(1.008)	632428	40.4581	2700
64 Di-n-octylphthalate	149		11.337	11.337	(0.932)	874434	34.6538	2300
65 Benzo(b)fluoranthene	252		11.713	11.714	(0.963)	657090	40.0949	2700
66 Benzo(k)fluoranthene	252		11.743	11.743	(0.965)	647634	38.9092	2600
67 Benzo(a)pyrene	252		12.096	12.096	(0.994)	502132	38.5169	2600
* 84 Perylene-d12	264		12.166	12.166	(1.000)	528388	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.484	13.484	(1.108)	526305	45.7726	3000
69 Dibenz(a,h)anthracene	278		13.519	13.519	(1.111)	533521	43.0368	2900
70 Benzo(g,h,i)perylene	276		13.807	13.807	(1.135)	547708	43.2387	2900

QC Flag Legend

H - Operator selected an alternate compound hit.

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-D-7-G MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10780.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/29/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 18:07</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>19.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5180		410	26
108-95-2	Phenol	6120		410	51
111-44-4	Bis(2-chloroethyl)ether	3210		41	8.6
95-57-8	2-Chlorophenol	6240		410	55
95-48-7	2-Methylphenol	6610		410	59
108-60-1	2,2'-oxybis[1-chloropropane]	3240		410	54
98-86-2	Acetophenone	3240		410	61
106-44-5	4-Methylphenol	5740		410	68
621-64-7	N-Nitrosodi-n-propylamine	3550		41	5.5
67-72-1	Hexachloroethane	3100		41	7.0
98-95-3	Nitrobenzene	3280		41	9.2
78-59-1	Isophorone	3660		410	47
88-75-5	2-Nitrophenol	6870		410	68
105-67-9	2,4-Dimethylphenol	7040		410	66
111-91-1	Bis(2-chloroethoxy)methane	3620		410	59
120-83-2	2,4-Dichlorophenol	6970		410	66
91-20-3	Naphthalene	3310		410	60
106-47-8	4-Chloroaniline	2300		410	52
87-68-3	Hexachlorobutadiene	3370		84	17
105-60-2	Caprolactam	4750		410	57
59-50-7	4-Chloro-3-methylphenol	7770		410	69
91-57-6	2-Methylnaphthalene	3490		410	60
77-47-4	Hexachlorocyclopentadiene	1490		410	120
88-06-2	2,4,6-Trichlorophenol	7450		410	74
95-95-4	2,4,5-Trichlorophenol	7340		410	79
92-52-4	1,1'-Biphenyl	3720		410	68
91-58-7	2-Chloronaphthalene	3490		410	58
88-74-4	2-Nitroaniline	3590		840	110
131-11-3	Dimethyl phthalate	4220		410	56
606-20-2	2,6-Dinitrotoluene	4070		84	10
208-96-8	Acenaphthylene	3460		410	59
99-09-2	3-Nitroaniline	2960		840	93
83-32-9	Acenaphthene	3670		410	59
51-28-5	2,4-Dinitrophenol	7300		1200	88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-D-7-G MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10780.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/29/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 18:07</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>19.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8620		1200	110
132-64-9	Dibenzofuran	3670		410	62
121-14-2	2,4-Dinitrotoluene	4130		84	12
84-66-2	Diethyl phthalate	4220		410	55
86-73-7	Fluorene	3720		410	70
7005-72-3	4-Chlorophenyl phenyl ether	3830		410	71
100-01-6	4-Nitroaniline	3940		840	85
534-52-1	4,6-Dinitro-2-methylphenol	7560		1200	200
86-30-6	N-Nitrosodiphenylamine	3950		410	67
101-55-3	4-Bromophenyl phenyl ether	3790		410	73
118-74-1	Hexachlorobenzene	3800		41	5.7
1912-24-9	Atrazine	3480		410	77
87-86-5	Pentachlorophenol	7470		1200	200
85-01-8	Phenanthrene	3770		410	72
120-12-7	Anthracene	3560		410	73
86-74-8	Carbazole	3760		410	66
84-74-2	Di-n-butyl phthalate	4200		410	63
206-44-0	Fluoranthene	3710		410	69
129-00-0	Pyrene	3290		410	71
85-68-7	Butyl benzyl phthalate	4090		410	48
91-94-1	3,3'-Dichlorobenzidine	3700		840	91
56-55-3	Benzo[a]anthracene	3740		41	7.6
218-01-9	Chrysene	3780		410	60
117-81-7	Bis(2-ethylhexyl) phthalate	3960		410	55
117-84-0	Di-n-octyl phthalate	3150		410	49
205-99-2	Benzo[b]fluoranthene	3450		41	6.1
207-08-9	Benzo[k]fluoranthene	3500		41	5.8
50-32-8	Benzo[a]pyrene	3510		41	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	4780		41	6.6
53-70-3	Dibenz(a,h)anthracene	4470		41	5.0
191-24-2	Benzo[g,h,i]perylene	4800		410	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-32001-D-7-G MS
Matrix: Solid Lab File ID: z10780.d
Analysis Method: 8270C Date Collected: 09/29/2011 10:55
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 18:07
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 19.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	87		10-120
321-60-8	2-Fluorobiphenyl	84		40-109
367-12-4	2-Fluorophenol (Surr)	69		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	70		41-118
1718-51-0	Terphenyl-d14 (Surr)	80		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10780.d
 Report Date: 15-Oct-2011 11:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10780.d
 Lab Smp Id: 460-32001-D-7-G MS Client Smp ID: SO-17338-092911-MM-
 Inj Date : 13-OCT-2011 18:07
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32001-D-7-G MS
 Misc Info : 460-32001-D-7-G MS
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 19 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	19.85646	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.085	1.002	(0.314)	212059	29.2165	2400
19 N-Nitrosodimethylamine	74	1.261	1.191	(0.366)	394816	41.0821	3400(H)
71 Pyridine	79	1.279	1.208	(0.371)	609395	34.1352	2800
\$ 16 2-Fluorophenol (SUR)	112	2.255	2.214	(0.654)	1113757	68.6599	5700
110 Benzaldehyde	77	3.008	2.996	(0.872)	439099	62.3306	5200
73 Aniline	93	3.120	3.114	(0.904)	532685	22.4963	1900
\$ 17 Phenol-d5 (SUR)	99	3.132	3.132	(0.908)	1343796	70.4572	5900
1 Phenol	94	3.149	3.143	(0.913)	1493771	73.6030	6100
20 bis(2-Chloroethyl)ether	93	3.202	3.196	(0.928)	627139	38.5571	3200
2 2-Chlorophenol	128	3.244	3.243	(0.940)	1248083	75.0149	6200
113 n-decane	43	3.320	3.320	(0.962)	652870	38.7306	3200
21 1,3-Dichlorobenzene	146	3.391	3.391	(0.983)	719805	37.9622	3200
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.449	(1.000)	471014	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10780.d
Report Date: 15-Oct-2011 11:11

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)	728337	37.9792	3200
74 Benzyl Alcohol	108	3.620	3.620	(1.049)	402899	40.5390	3400
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	676842	38.0094	3200
24 bis (2-chloroisopropyl) ether	45	3.755	3.755	(1.089)	730346	38.9642	3200
3 2-Methylphenol	108	3.755	3.761	(1.089)	1091671	79.4689	6600
104 Acetophenone	105	3.879	3.890	(1.124)	806782	38.9612	3200
25 N-Nitroso-di-n-propylamine	70	3.902	3.908	(1.131)	445060	42.6571	3500
4 4-Methylphenol	108	3.926	3.926	(1.138)	1051531	68.9907	5700
121 3 & 4 Methylphenol	108	3.926	3.926	(1.138)	1051531	68.9907	5700
26 Hexachloroethane	117	3.961	3.967	(1.148)	292221	37.2227	3100
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.032	(0.848)	664716	39.6249	3300
27 Nitrobenzene	77	4.049	4.055	(0.853)	899038	39.4524	3300
107 N,N-Dimethylaniline	120	4.055	4.061	(1.176)	831259	34.2914	2800
28 Isophorone	82	4.308	4.302	(0.907)	1118453	44.0102	3700
5 2-Nitrophenol	139	4.379	4.379	(0.922)	634070	82.5368	6900
6 2,4-Dimethylphenol	122	4.467	4.461	(0.941)	1048390	84.6540	7000
29 bis(2-Chloroethoxy)methane	93	4.543	4.549	(0.957)	679966	43.5349	3600
7 2,4-Dichlorophenol	162	4.638	4.638	(0.976)	883404	83.7898	7000
30 1,2,4-Trichlorobenzene	180	4.702	4.708	(0.990)	499970	39.9454	3300
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1620625	40.0000	
31 Naphthalene	128	4.773	4.773	(1.005)	1756822	39.7473	3300
32 4-Chloroaniline	127	4.849	4.849	(1.021)	432931	27.6753	2300
33 Hexachlorobutadiene	225	4.920	4.920	(1.036)	306845	40.5287	3400
111 Caprolactam	113	5.249	5.237	(1.105)	163449	57.0900	4700
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.134)	1002257	93.3479	7800
34 2-Methylnaphthalene	142	5.473	5.473	(1.152)	1077425	41.8956	3500
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	110403	17.8966	1500
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	583892	89.5794	7400
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.896)	595030	88.2090	7300
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1083848	41.7665	3500
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	931245	41.9766	3500
102 Diphenyl	154	5.949	5.949	(0.916)	1347613	44.6884	3700
103 Diphenyl Ether	170	6.055	6.055	(0.932)	674575	43.6818	3600
37 2-Nitroaniline	65	6.073	6.073	(0.935)	294806	43.1012	3600
38 Dimethylphthalate	163	6.273	6.273	(0.966)	1053232	50.7013	4200
40 2,6-Dinitrotoluene	165	6.320	6.326	(0.973)	230857	48.9647	4100
39 Acenaphthylene	152	6.355	6.355	(0.978)	1440162	41.6149	3500
41 3-Nitroaniline	138	6.479	6.484	(0.997)	179643	35.6219	3000
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	718121	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	895578	44.1781	3700
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	215348	87.7481	7300
12 4-Nitrophenol	65	6.696	6.696	(1.031)	385526	103.665	8600
43 Dibenzofuran	168	6.702	6.702	(1.032)	1219231	44.1600	3700
44 2,4-Dinitrotoluene	165	6.714	6.720	(1.034)	288767	49.6392	4100
45 Diethylphthalate	149	6.973	6.973	(1.073)	1065861	50.7510	4200
47 Fluorene	166	7.031	7.037	(1.082)	985561	44.7653	3700
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	449673	46.0526	3800

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10780.d
 Report Date: 15-Oct-2011 11:11

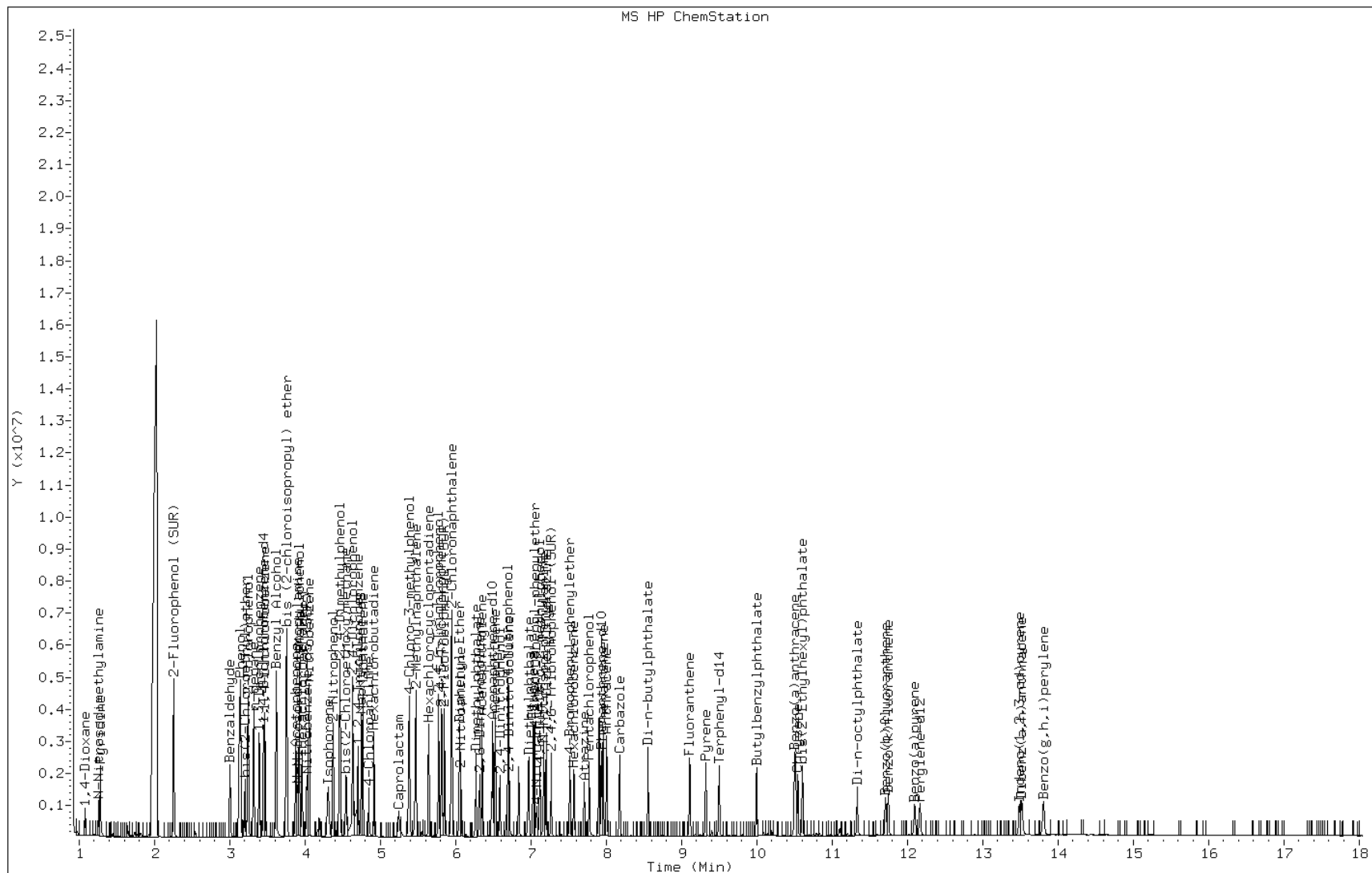
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.084	7.079	(1.091)	186946	47.4083	3900
13 4,6-Dinitro-2-methylphenol	198	7.120	7.120	(0.897)	271985	90.9199	7600
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.904)	656423	47.4558	3900
75 1,2-Diphenylhydrazine	77	7.202	7.202	(0.907)	1228960	45.8563	3800
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.273	7.273	(1.120)	271049	87.2440	7200
50 4-Bromophenyl-phenylether	248	7.520	7.520	(0.947)	246203	45.5361	3800
51 Hexachlorobenzene	284	7.579	7.578	(0.955)	262614	45.7192	3800
112 Atrazine	200	7.714	7.714	(0.972)	174202	41.8209	3500
14 Pentachlorophenol	266	7.779	7.778	(0.980)	271916	89.7626	7500
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	884292	40.0000	
52 Phenanthrene	178	7.961	7.961	(1.003)	1122473	45.3128	3800
53 Anthracene	178	8.008	8.008	(1.009)	1078174	42.7596	3600
54 Carbazole	167	8.178	8.178	(1.030)	907838	45.2497	3800
55 Di-n-butylphthalate	149	8.555	8.561	(1.078)	1410413	50.4495	4200
56 Fluoranthene	202	9.108	9.114	(1.147)	903718	44.6513	3700
58 Benzidine	184	9.261	9.261	(1.167)	10279	3.08117	260(aR)
57 Pyrene	202	9.325	9.325	(0.886)	871819	39.5913	3300
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.903)	604984	40.2251	3300
59 Butylbenzylphthalate	149	10.002	10.002	(0.951)	483993	49.1600	4100
61 Benzo(a)anthracene	228	10.508	10.508	(0.999)	677835	44.9804	3700
60 3,3'-Dichlorobenzidine	252	10.502	10.502	(0.998)	203587	44.4709	3700
* 81 Chrysene-d12	240	10.520	10.519	(1.000)	516290	40.0000	
62 Chrysene	228	10.543	10.549	(1.002)	674595	45.3821	3800
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	636666	47.6392	4000
64 Di-n-octylphthalate	149	11.337	11.337	(0.932)	913384	37.8850	3200
65 Benzo(b)fluoranthene	252	11.714	11.714	(0.963)	648763	41.4323	3400
66 Benzo(k)fluoranthene	252	11.749	11.743	(0.966)	668885	42.0595	3500
67 Benzo(a)pyrene	252	12.096	12.096	(0.994)	526188	42.2439	3500
* 84 Perylene-d12	264	12.166	12.166	(1.000)	504851	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.490	13.484	(1.109)	631837	57.5126	4800(R)
69 Dibenz(a,h)anthracene	278	13.519	13.519	(1.111)	636785	53.7615	4500(R)
70 Benzo(g,h,i)perylene	276	13.808	13.807	(1.135)	698057	57.6772	4800(R)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Instrument: BNAMS11.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-D-7-H MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10781.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/29/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/13/2011 18:32</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>19.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5120		410	26
108-95-2	Phenol	5630		410	50
111-44-4	Bis(2-chloroethyl)ether	3100		41	8.6
95-57-8	2-Chlorophenol	5890		410	55
95-48-7	2-Methylphenol	6050		410	59
108-60-1	2,2'-oxybis[1-chloropropane]	3300		410	54
98-86-2	Acetophenone	3150		410	61
106-44-5	4-Methylphenol	5180		410	67
621-64-7	N-Nitrosodi-n-propylamine	3430		41	5.4
67-72-1	Hexachloroethane	3190		41	6.9
98-95-3	Nitrobenzene	3300		41	9.2
78-59-1	Isophorone	3640		410	47
88-75-5	2-Nitrophenol	6910		410	68
105-67-9	2,4-Dimethylphenol	6610		410	66
111-91-1	Bis(2-chloroethoxy)methane	3580		410	59
120-83-2	2,4-Dichlorophenol	6620		410	66
91-20-3	Naphthalene	3320		410	60
106-47-8	4-Chloroaniline	2260		410	52
87-68-3	Hexachlorobutadiene	3540		83	17
105-60-2	Caprolactam	3600		410	56
59-50-7	4-Chloro-3-methylphenol	7220		410	69
91-57-6	2-Methylnaphthalene	3420		410	60
77-47-4	Hexachlorocyclopentadiene	1490		410	120
88-06-2	2,4,6-Trichlorophenol	7010		410	74
95-95-4	2,4,5-Trichlorophenol	7000		410	79
92-52-4	1,1'-Biphenyl	3640		410	68
91-58-7	2-Chloronaphthalene	3420		410	58
88-74-4	2-Nitroaniline	3970		830	110
131-11-3	Dimethyl phthalate	4060		410	56
606-20-2	2,6-Dinitrotoluene	3900		83	10
208-96-8	Acenaphthylene	3390		410	59
99-09-2	3-Nitroaniline	2940		830	93
83-32-9	Acenaphthene	3560		410	59
51-28-5	2,4-Dinitrophenol	6980		1200	87

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-D-7-H MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10781.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/29/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/08/2011 16:15</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/13/2011 18:32</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>19.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89646</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8240		1200	110
132-64-9	Dibenzofuran	3520		410	62
121-14-2	2,4-Dinitrotoluene	4080		83	12
84-66-2	Diethyl phthalate	4110		410	55
86-73-7	Fluorene	3600		410	70
7005-72-3	4-Chlorophenyl phenyl ether	3760		410	71
100-01-6	4-Nitroaniline	4000		830	85
534-52-1	4,6-Dinitro-2-methylphenol	7390		1200	200
86-30-6	N-Nitrosodiphenylamine	3700		410	67
101-55-3	4-Bromophenyl phenyl ether	3630		410	73
118-74-1	Hexachlorobenzene	3680		41	5.7
1912-24-9	Atrazine	3420		410	77
87-86-5	Pentachlorophenol	7200		1200	200
85-01-8	Phenanthrene	3650		410	72
120-12-7	Anthracene	3660		410	73
86-74-8	Carbazole	3820		410	65
84-74-2	Di-n-butyl phthalate	4150		410	63
206-44-0	Fluoranthene	3850		410	68
129-00-0	Pyrene	2950		410	71
85-68-7	Butyl benzyl phthalate	3610		410	48
91-94-1	3,3'-Dichlorobenzidine	3670		830	91
56-55-3	Benzo[a]anthracene	3550		41	7.6
218-01-9	Chrysene	3570		410	60
117-81-7	Bis(2-ethylhexyl) phthalate	3600		410	55
117-84-0	Di-n-octyl phthalate	2950		410	49
205-99-2	Benzo[b]fluoranthene	3340		41	6.1
207-08-9	Benzo[k]fluoranthene	3330		41	5.8
50-32-8	Benzo[a]pyrene	3400		41	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	4510		41	6.6
53-70-3	Dibenz(a,h)anthracene	4240		41	5.0
191-24-2	Benzo[g,h,i]perylene	4670		410	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-32001-D-7-H MSD
Matrix: Solid Lab File ID: z10781.d
Analysis Method: 8270C Date Collected: 09/29/2011 10:55
Extract. Method: 3541 Date Extracted: 10/08/2011 16:15
Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 18:32
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 19.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89646 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	87		10-120
321-60-8	2-Fluorobiphenyl	83		40-109
367-12-4	2-Fluorophenol (Surr)	66		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	82		38-105
4165-62-2	Phenol-d5 (Surr)	66		41-118
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10781.d
 Report Date: 14-Oct-2011 00:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10781.d
 Lab Smp Id: 460-32001-D-7-H MSD Client Smp ID: SO-17338-092911-MM-
 Inj Date : 13-OCT-2011 18:32
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32001-D-7-H MSD
 Misc Info : 460-32001-D-7-H MSD
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/8270Cdel_08.m
 Meth Date : 13-Oct-2011 11:03 croccom Quant Type: ISTD
 Cal Date : 13-OCT-2011 10:42 Cal File: z10763.d
 Als bottle: 20 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	19.85646	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
106 1,4-Dioxane	88	1.079	1.002	(0.313)	205309	34.2792	2800
19 N-Nitrosodimethylamine	74	1.255	1.191	(0.364)	341336	43.0418	3600(RH)
71 Pyridine	79	1.279	1.208	(0.371)	575545	39.0691	3200
\$ 16 2-Fluorophenol (SUR)	112	2.249	2.214	(0.652)	890063	66.4943	5500
110 Benzaldehyde	77	3.002	2.996	(0.870)	358463	61.6643	5100
73 Aniline	93	3.120	3.114	(0.904)	407430	20.8519	1700
\$ 17 Phenol-d5 (SUR)	99	3.126	3.132	(0.906)	1043067	66.2758	5500
1 Phenol	94	3.143	3.143	(0.911)	1137045	67.8953	5600
20 bis(2-Chloroethyl)ether	93	3.202	3.196	(0.928)	501198	37.3423	3100
2 2-Chlorophenol	128	3.243	3.243	(0.940)	974659	70.9917	5900
113 n-decane	43	3.320	3.320	(0.962)	606718	43.6179	3600
21 1,3-Dichlorobenzene	146	3.390	3.391	(0.983)	622874	39.8095	3300
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.449	(1.000)	388672	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10781.d
 Report Date: 14-Oct-2011 00:49

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)	630715	39.8563	3300
74 Benzyl Alcohol	108	3.614	3.620	(1.048)	310594	37.8722	3100
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	576797	39.2534	3200
24 bis (2-chloroisopropyl) ether	45	3.755	3.755	(1.089)	616051	39.8294	3300
3 2-Methylphenol	108	3.755	3.761	(1.089)	827241	72.9773	6000
104 Acetophenone	105	3.879	3.890	(1.124)	648119	37.9299	3100
25 N-Nitroso-di-n-propylamine	70	3.896	3.908	(1.130)	356450	41.4021	3400
4 4-Methylphenol	108	3.920	3.926	(1.136)	785542	62.4581	5200
121 3 & 4 Methylphenol	108	3.920	3.926	(1.136)	785542	62.4581	5200
26 Hexachloroethane	117	3.961	3.967	(1.148)	249156	38.4608	3200
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.032	(0.848)	537848	40.7677	3400
27 Nitrobenzene	77	4.043	4.055	(0.851)	712413	39.7514	3300
107 N,N-Dimethylaniline	120	4.055	4.061	(1.176)	680776	34.0333	2800
28 Isophorone	82	4.302	4.302	(0.906)	877329	43.8958	3600
5 2-Nitrophenol	139	4.373	4.379	(0.921)	503365	83.3142	6900
6 2,4-Dimethylphenol	122	4.461	4.461	(0.939)	776057	79.6789	6600
29 bis(2-Chloroethoxy)methane	93	4.543	4.549	(0.957)	529494	43.1059	3600
7 2,4-Dichlorophenol	162	4.632	4.638	(0.975)	662083	79.8490	6600
30 1,2,4-Trichlorobenzene	180	4.702	4.708	(0.990)	404534	41.0964	3400
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1274551	40.0000	
31 Naphthalene	128	4.773	4.773	(1.005)	1392157	40.0492	3300
32 4-Chloroaniline	127	4.849	4.849	(1.021)	335001	27.2298	2200
33 Hexachlorobutadiene	225	4.920	4.920	(1.036)	254149	42.6833	3500
111 Caprolactam	113	5.232	5.237	(1.102)	97803	43.4365	3600
8 4-Chloro-3-methylphenol	107	5.384	5.385	(1.134)	735290	87.0782	7200
34 2-Methylnaphthalene	142	5.473	5.473	(1.152)	834608	41.2657	3400
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	85446	17.9850	1500
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	424167	84.4969	7000
10 2,4,5-Trichlorophenol	196	5.814	5.820	(0.895)	438441	84.3944	7000
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	828582	41.4595	3400
36 2-Chloronaphthalene	162	5.949	5.955	(0.916)	703472	41.1736	3400
102 Diphenyl	154	5.943	5.949	(0.915)	1017642	43.8181	3600
103 Diphenyl Ether	170	6.055	6.055	(0.932)	508906	42.7895	3500
37 2-Nitroaniline	65	6.073	6.073	(0.935)	252132	47.8641	4000
38 Dimethylphthalate	163	6.273	6.273	(0.966)	782119	48.8873	4000
40 2,6-Dinitrotoluene	165	6.320	6.326	(0.973)	170786	47.0350	3900
39 Acenaphthylene	152	6.355	6.355	(0.978)	1090383	40.9115	3400
41 3-Nitroaniline	138	6.479	6.484	(0.997)	137478	35.3971	2900
* 82 Acenaphthene-d10	164	6.496	6.496	(1.000)	553056	40.0000	
42 Acenaphthene	154	6.526	6.532	(1.005)	670470	42.9449	3600
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	159103	84.1790	7000
12 4-Nitrophenol	65	6.690	6.696	(1.030)	284552	99.3501	8200
43 Dibenzofuran	168	6.696	6.702	(1.031)	902832	42.4598	3500
44 2,4-Dinitrotoluene	165	6.714	6.720	(1.034)	220132	49.1348	4100
45 Diethylphthalate	149	6.967	6.973	(1.072)	801130	49.5308	4100
47 Fluorene	166	7.031	7.037	(1.082)	734995	43.3481	3600
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	340523	45.2827	3800

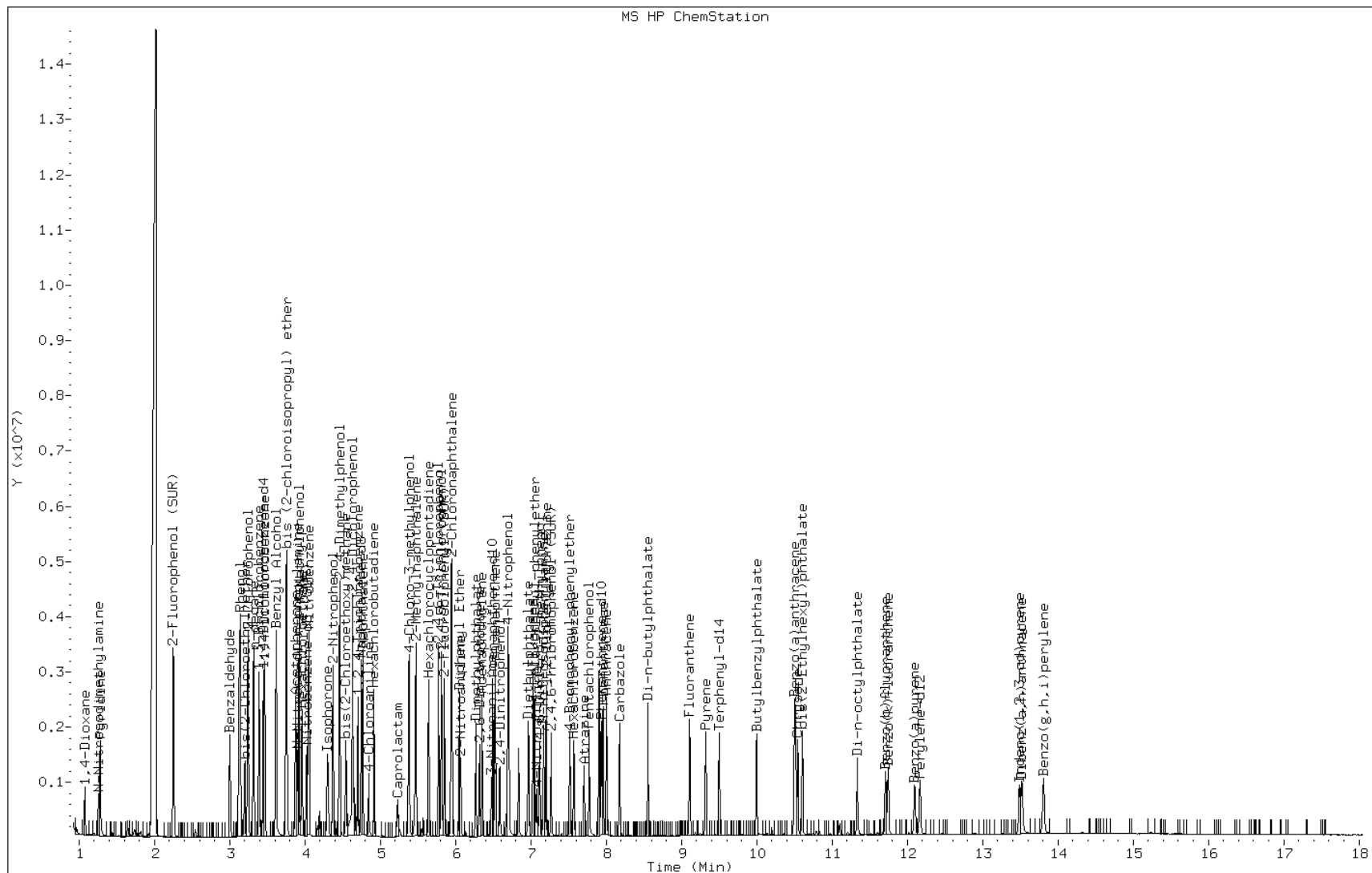
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b/z10781.d
 Report Date: 14-Oct-2011 00:49

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.078	7.079	(1.090)	146254	48.1587	4000
13 4,6-Dinitro-2-methylphenol	198		7.114	7.120	(0.896)	211149	89.0744	7400
49 N-Nitrosodiphenylamine	169		7.173	7.173	(0.904)	488234	44.5434	3700
75 1,2-Diphenylhydrazine	77		7.202	7.202	(0.907)	915689	43.1180	3600
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.273	7.273	(1.120)	208431	87.1121	7200
50 4-Bromophenyl-phenylether	248		7.520	7.520	(0.947)	187579	43.7821	3600
51 Hexachlorobenzene	284		7.573	7.578	(0.954)	201853	44.3472	3700
112 Atrazine	200		7.714	7.714	(0.972)	136170	41.2546	3400
14 Pentachlorophenol	266		7.778	7.778	(0.980)	208331	86.7890	7200
* 83 Phenanthrene-d10	188		7.937	7.937	(1.000)	700722	40.0000	
52 Phenanthrene	178		7.961	7.961	(1.003)	862645	43.9468	3600
53 Anthracene	178		8.008	8.008	(1.009)	880398	44.0630	3600
54 Carbazole	167		8.178	8.178	(1.030)	732820	46.0951	3800
55 Di-n-butylphthalate	149		8.555	8.561	(1.078)	1109495	50.0825	4200
56 Fluoranthene	202		9.108	9.114	(1.147)	745059	46.4560	3800
58 Benzidine	184		9.261	9.261	(1.167)	10383	3.92770	320(aR)
57 Pyrene	202		9.325	9.325	(0.886)	740499	35.5020	2900
\$ 78 Terphenyl-d14	244		9.502	9.508	(0.903)	514889	36.1428	3000
59 Butylbenzylphthalate	149		10.002	10.002	(0.951)	405833	43.5186	3600
61 Benzo(a)anthracene	228		10.508	10.508	(0.999)	610894	42.7976	3600
60 3,3'-Dichlorobenzidine	252		10.502	10.502	(0.998)	191739	44.2172	3700
* 81 Chrysene-d12	240		10.519	10.519	(1.000)	489034	40.0000	
62 Chrysene	228		10.543	10.549	(1.002)	606248	43.0573	3600
63 bis(2-Ethylhexyl)phthalate	149		10.608	10.608	(1.008)	549721	43.4260	3600
64 Di-n-octylphthalate	149		11.337	11.337	(0.932)	823438	35.5242	2900
65 Benzo(b)fluoranthene	252		11.713	11.714	(0.963)	606566	40.2913	3300
66 Benzo(k)fluoranthene	252		11.743	11.743	(0.965)	612969	40.0895	3300
67 Benzo(a)pyrene	252		12.102	12.096	(0.995)	491295	41.0247	3400
* 84 Perylene-d12	264		12.166	12.166	(1.000)	485382	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.490	13.484	(1.109)	573758	54.3208	4500
69 Dibenz(a,h)anthracene	278		13.525	13.519	(1.112)	582385	51.1409	4200
70 Benzo(g,h,i)perylene	276		13.807	13.807	(1.135)	654381	56.2372	4700(R)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/26/2011 10:44Analysis Batch Number: 87600 End Date: 09/26/2011 12:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87600/1		09/26/2011 10:44	1	z10237.d	Rtx-5MS 0.25 (mm)
ICIS 460-87600/2		09/26/2011 10:59	1	z10238.d	Rtx-5MS 0.25 (mm)
IC 460-87600/3		09/26/2011 11:35	1	z10239.d	Rtx-5MS 0.25 (mm)
IC 460-87600/4		09/26/2011 12:00	1	z10240.d	Rtx-5MS 0.25 (mm)
IC 460-87600/5		09/26/2011 12:25	1	z10241.d	Rtx-5MS 0.25 (mm)
IC 460-87600/6		09/26/2011 12:50	1	z10242.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/13/2011 10:26Analysis Batch Number: 89646 End Date: 10/13/2011 20:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-89646/1		10/13/2011 10:26	1	z10762.d	Rtx-5MS 0.25 (mm)
CCVIS 460-89646/2		10/13/2011 10:42	1	z10763.d	Rtx-5MS 0.25 (mm)
MB 460-88819/1-A		10/13/2011 11:48	1	z10765.d	Rtx-5MS 0.25 (mm)
LCS 460-88819/2-A		10/13/2011 12:13	1	z10766.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 12:41	1		Rtx-5MS 0.25 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/13/2011 13:06	1	z10768.d	Rtx-5MS 0.25 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/13/2011 13:31	1	z10769.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 13:56	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 14:21	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 14:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 15:11	1		Rtx-5MS 0.25 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/13/2011 15:36	1	z10774.d	Rtx-5MS 0.25 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/13/2011 16:01	1	z10775.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 16:26	1		Rtx-5MS 0.25 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/13/2011 16:51	10	z10777.d	Rtx-5MS 0.25 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/13/2011 17:17	5	z10778.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 17:41	1		Rtx-5MS 0.25 (mm)
460-32001-D-7-G MS		10/13/2011 18:07	1	z10780.d	Rtx-5MS 0.25 (mm)
460-32001-D-7-H MSD		10/13/2011 18:32	1	z10781.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 18:57	1		Rtx-5MS 0.25 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/13/2011 19:22	1	z10783.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 20:12	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/13/2011 20:38	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/13/2011 20:38Analysis Batch Number: 89647 End Date: 10/13/2011 20:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-89647/1		10/13/2011 20:38	1	z10786.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/14/2011 10:52Analysis Batch Number: 89677 End Date: 10/14/2011 12:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-89677/1		10/14/2011 10:52	1	z10809.d	Rtx-5MS 0.25 (mm)
ICIS 460-89677/2		10/14/2011 11:09	1	z10810.d	Rtx-5MS 0.25 (mm)
IC 460-89677/3		10/14/2011 11:34	1	z10811.d	Rtx-5MS 0.25 (mm)
IC 460-89677/4		10/14/2011 11:59	1	z10812.d	Rtx-5MS 0.25 (mm)
IC 460-89677/5		10/14/2011 12:24	1	z10813.d	Rtx-5MS 0.25 (mm)
IC 460-89677/6		10/14/2011 12:50	1	z10814.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/19/2011 00:14Analysis Batch Number: 90073 End Date: 10/19/2011 02:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-90073/1		10/19/2011 00:14	1	z10947.d	Rtx-5MS 0.25 (mm)
CCVIS 460-90073/2		10/19/2011 00:37	1	z10948.d	Rtx-5MS 0.25 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/19/2011 02:19	5	z10952.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/19/2011 02:41Analysis Batch Number: 90074 End Date: 10/19/2011 02:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-90074/1		10/19/2011 02:41	1	z10953.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAWS11.i
Analytical Batch: /chem/BNAWS11.i/8270/09-26-11DEL/26sep11.b

Date Generated: 09/26/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/26/11	1044	210237.d	1 DFTFP-937638			0	0		1	2.0 all	BNA 4587 G	87600
09/26/11	1059	210238.d	2 ICIS-1143618			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1135	210239.d	3 IC-1143620			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1200	210240.d	4 IC-1143607			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1225	210241.d	5 IC-1143619			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1250	210242.d	6 IC-1143617			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1349	210244.d	8 icv	26sep11		1000	1		1	1.0 all	BNA 4587 G	

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Signed:  Read and Understood by:  Date: 09.26.11

Date: 09.30.11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11b.b

Date Generated: 10/14/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/13/11	1026	210762.d	1	DETPP-1175410		0	0	1	2.0	all	4857	89646
10/13/11	1042	210763.d	2	CCVTS-1143618		1000	2	1	1.0	all	4857	
10/13/11	1123	210764.d	3	LCS 460-88819/2-A		15	1	1	1.0	all-so		
10/13/11	1148	210765.d	4	MB 460-88819/1-A		15.0	1	1	1.0	all-so		not used re
10/13/11	1213	210766.d	5	LCS 460-88819/2-A		15	1	1	1.0	all-so		
10/13/11	1241	210767.d	6	460-32089-A-1-A		10/08/11	15	1	1.0	all-so		
10/13/11	1306	210768.d	7	460-32125-D-3-A		10/08/11	15	1	1.0	all-so		
10/13/11	1331	210769.d	8	460-32125-D-8-A		10/08/11	15.0	1	1.0	all-so		
10/13/11	1356	210770.d	9	460-32001-C-15-C		10/08/11	15	1	1.0	all-so		
10/13/11	1421	210771.d	10	460-31736-C-1-G		10/08/11	15.0	1	1.0	all-so		
10/13/11	1446	210772.d	11	460-31736-C-2-C		10/08/11	15	1	1.0	all-so		
10/13/11	1511	210773.d	12	460-31736-C-23-E		10/08/11	15.0	1	1.0	all-so		
10/13/11	1536	210774.d	13	460-32125-D-2-A		10/08/11	15.0	1	1.0	all-so		
10/13/11	1601	210775.d	14	460-32125-D-1-A		10/08/11	15	1	1.0	all-so		

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.1
Analytical Batch: /chem/BNAMS11.1/8270/09-26-11DEL130Ct11b.p

Date Generated: 10/14/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FV	D.I.	Inj Vol	Sublist	LOT	COMMENTS
10/13/11 1626	210776.d	15	460-32001-D-2-C	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1651	210777.d	16	460-32125-D-4-A	460-88819	10/08/11 15	1		10	1.0	all-so		C 900 uL Heel2 / 100 uL 9.8 uL
10/13/11 1717	210778.d	17	460-32125-D-6-A	460-88819	10/08/11 15	1		5	1.0	all-so		C 800 uL 9.8 uL / 100 uL 9.8 uL
10/13/11 1741	210779.d	18	460-32001-D-7-I	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1807	210780.d	19	460-32001-D-7-G MS	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1832	210781.d	20	460-32001-D-7-H MSD	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1857	210782.d	21	460-32001-C-10-B	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1922	210783.d	22	460-32125-D-7-A	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 1947	210784.d	23	460-32125-D-5-A	460-88819	10/08/11 15	1		2	1.0	all-so		2210 X 300 uL 9.8 uL / 100 uL 9.8 uL
10/13/11 2012	210785.d	24	460-32001-D-6-C	460-88819	10/08/11 15	1		1	1.0	all-so		C
10/13/11 2038	210786.d	25	CCV-1143618	130Ct11b	100012			1	1.0	all		C Some compounds failed due to sample matrix
10/13/11 2103	210787.d	26	BLK	130Ct11b	100012			1	1.0	all		C NO WAR

Signed: W Read and Understood by: [Signature]

Date: 10/14/11 Date: 10.15.11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNMMS11.i
Analytical Batch: /chem/BNMMS11.i/8270/10-14-11del/14oct11.b

Date Generated: 10/14/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FW	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/14/11 1052	z10809.d	1	DFTPP-1175410	—	—	0	0	—	1	2.0	all	4087 6 89677
10/14/11 1109	z10810.d	2	ICIS-1143618	—	—	1000	2	—	1	1.0	all	4087 6
10/14/11 1134	z10811.d	3	IC-1143620	—	—	1000	2	—	1	1.0	all	4087 6
10/14/11 1159	z10812.d	4	IC-1143607	—	—	1000	2	—	1	1.0	all	4087 6 } 820-88 range good except for benzothiazide derivative
10/14/11 1224	z10813.d	5	IC-1143619	—	—	1000	2	—	1	1.0	all	4087 6
10/14/11 1250	z10814.d	6	IC-1143617	—	—	1000	2	—	1	1.0	all	4087 6
10/14/11 1351	z10816.d	8	icv	14oct11	—	1000	1	—	1	1.0	all	4080 6 } 6 good compounds within 65 to 150%

Signed: Shubert Moore Read and Understood by: W. S.

Date: 10/14/11 Date: 10-15-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i
Analytical Batch: /chem/BNAMS11.i/8270/10-14-11del/19oct11.b

Date Generated: 10/19/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/19/11 0014	z10947.d	1	DFTPP-1175410			0	0		1	2.0 all	BNA 4589	90073
10/19/11 0037	z10948.d	2	CCVIS-1204235			1000	2		1	1.0 all	BNA 4600	G - 8270 DEL
10/19/11 0112	z10949.d	3	MB 460-88819/1-A	19oct11		15	1		1	1.0 all		G (not used)
10/10/11 0219	z10952.d	6	460-32125-D-5-A	460-88819	10/08/11	15.0	1		5	1.0 all		G
10/10/11 0241	z10953.d	7	CCV-1204235			1000	2		1	1.0 all	BNA 4600	G

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Signed:  Read and Understood by: 
Date: 10-19-11 Date: 10-20-11

11/15/2011

Note~ Dilutions prepared as follows:

2x: 300ul sample/ 300ul MeCl₂/ 6ul ISTD
5x: 200ul sample/ 800ul MeCl₂/ 16ul ISTD
10x: 100ul sample/ 900ul MeCl₂/ 18ul ISTD

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88819 Batch Start Date: 10/08/11 16:15 Batch Analyst: Silva, JoseBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-88819/1		3541, 8270C		15.02 g	1 mL	2	500 uL		
LCS 460-88819/2		3541, 8270C		15.00 g	1 mL	3	500 uL	500 uL	
460-32001-D-7 MS		3541, 8270C	T	15.00 g	1 mL	67	500 uL	500 uL	
460-32001-D-7 MSD		3541, 8270C	T	15.04 g	1 mL	68	500 uL	500 uL	
460-32125-D-1	SO-17338-100511-MM-140	3541, 8270C	T	15.00 g	1 mL	78	500 uL		
460-32125-D-2	SO-17338-100511-MM-141	3541, 8270C	T	15.03 g	1 mL	79	500 uL		
460-32125-D-3	SO-17338-100511-MM-142	3541, 8270C	T	15.00 g	1 mL	80	500 uL		
460-32125-D-4	SO-17338-100511-MM-143	3541, 8270C	T	15.00 g	1 mL	81	500 uL		
460-32125-D-5	SO-17338-100511-MM-144	3541, 8270C	T	15.04 g	1 mL	82	500 uL		
460-32125-D-6	SO-17338-100511-MM-145	3541, 8270C	T	15.00 g	1 mL	83	500 uL		
460-32125-D-7	SO-17338-100511-MM-146	3541, 8270C	T	15.00 g	1 mL	84	500 uL		
460-32125-D-8	FB-17338-100511-MM-147	3541, 8270C	T	15.04 g	1 mL	1	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL DEL.
Person's name who did the concentration	JS
Vendor lot number	K02E21
N-evap #	222299
N-evap temperature	40 Degrees C
Na2SO4 Lot Number	K12590
Person's name who did the prep	JS
Solvent	Mec12 / Ace Mixture

Basis	Basis Description
T	Total/NA

Method 8015 GRO - Delaware

Gasoline Range Organics (GC) by
Method 8015B (Delaware)

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium
GC Column (1): Rtx-502.2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
SO-17338-100511-MM-140	460-32125-1	89
SO-17338-100511-MM-141	460-32125-2	90
SO-17338-100511-MM-142	460-32125-3	87
SO-17338-100511-MM-143	460-32125-4	83
SO-17338-100511-MM-144	460-32125-5	84
SO-17338-100511-MM-145	460-32125-6	91
SO-17338-100511-MM-146	460-32125-7	89
FB-17338-100511-MM-147	460-32125-8	99
	MB 460-89982/3	82
	LCS 460-89982/2	111
FB-17338-100511-MM-147 MS	460-32125-8 MS	123
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	122

TFT = a,a,a-Trifluorotoluene

QC LIMITS
68-143

Column to be used to flag recovery values

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: ifid0776.d
Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
GRO	19200	2400 U	23300	122	26-123	

Column to be used to flag recovery and RPD values

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: ifid0777.d
Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
GRO	17500	20900	119	11	30	26-123	

Column to be used to flag recovery and RPD values

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: MB 460-89982/3
 Matrix: Solid Date Extracted: _____
 Lab File ID: (1) ifid0762.d Lab File ID: (2) _____
 Date Analyzed: (1) 10/18/2011 22:52 Date Analyzed: (2) _____
 Instrument ID: (1) VOAGC3 Instrument ID: (2) _____
 GC Column: (1) Rtx-502.2 ID: 0.53(mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-89982/2	10/18/2011 22:03	
SO-17338-100511-MM-140	460-32125-1	10/19/2011 01:18	
SO-17338-100511-MM-141	460-32125-2	10/19/2011 01:43	
SO-17338-100511-MM-142	460-32125-3	10/19/2011 02:07	
SO-17338-100511-MM-143	460-32125-4	10/19/2011 02:31	
SO-17338-100511-MM-144	460-32125-5	10/19/2011 02:56	
SO-17338-100511-MM-145	460-32125-6	10/19/2011 03:20	
SO-17338-100511-MM-146	460-32125-7	10/19/2011 03:44	
FB-17338-100511-MM-147	460-32125-8	10/19/2011 04:09	
FB-17338-100511-MM-147 MS	460-32125-8 MS	10/19/2011 04:33	
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	10/19/2011 04:58	

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: ifid0768.d
Analysis Method: 8015B Date Collected: 10/05/2011 10:30
Sample wt/vol: 5.15(g) Date Analyzed: 10/19/2011 01:18
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 18.2 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3000	U	3000	610

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	89		68-143

Data File: ifid0768.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0768.d
Lab Smp Id: 460-32125-D-1-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 01:18
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-1-F
Misc Info : 460-32125-D-1-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.15000	Weight of sample extracted (g)
M	18.20276	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.107	8.107	0.000	197122	22.1413	2600
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0768.d

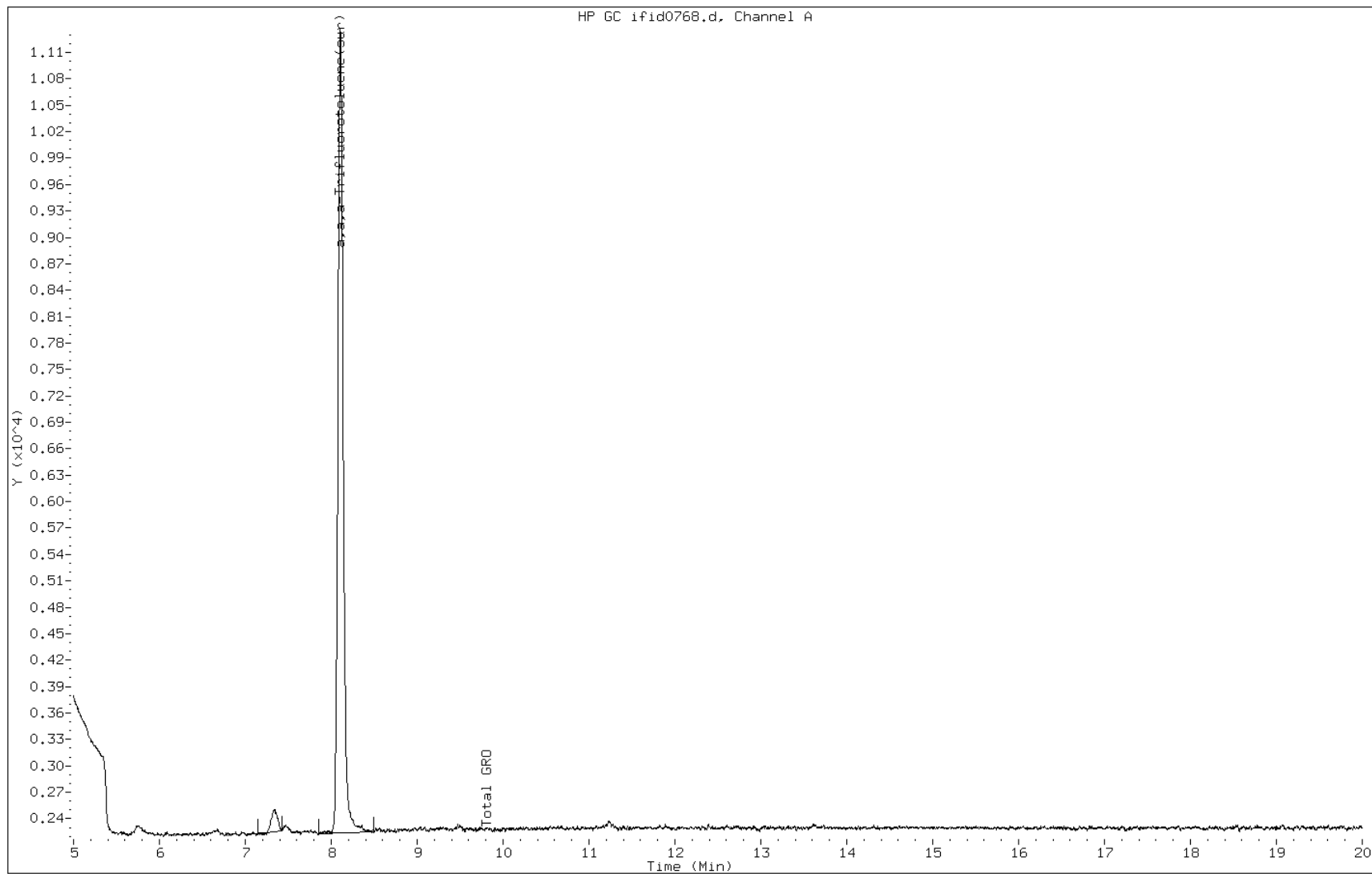
Date: 19-OCT-2011 01:18

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-1-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: ifid0769.d
Analysis Method: 8015B Date Collected: 10/05/2011 11:00
Sample wt/vol: 5.75(g) Date Analyzed: 10/19/2011 01:43
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 20.1 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2700	U	2700	560

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	90		68-143

Data File: ifid0769.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0769.d
Lab Smp Id: 460-32125-D-2-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 01:43
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-2-F
Misc Info : 460-32125-D-2-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.75000	Weight of sample extracted (g)
M	20.13129	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.105	8.107	-0.002	200142	22.4805	2400
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0769.d

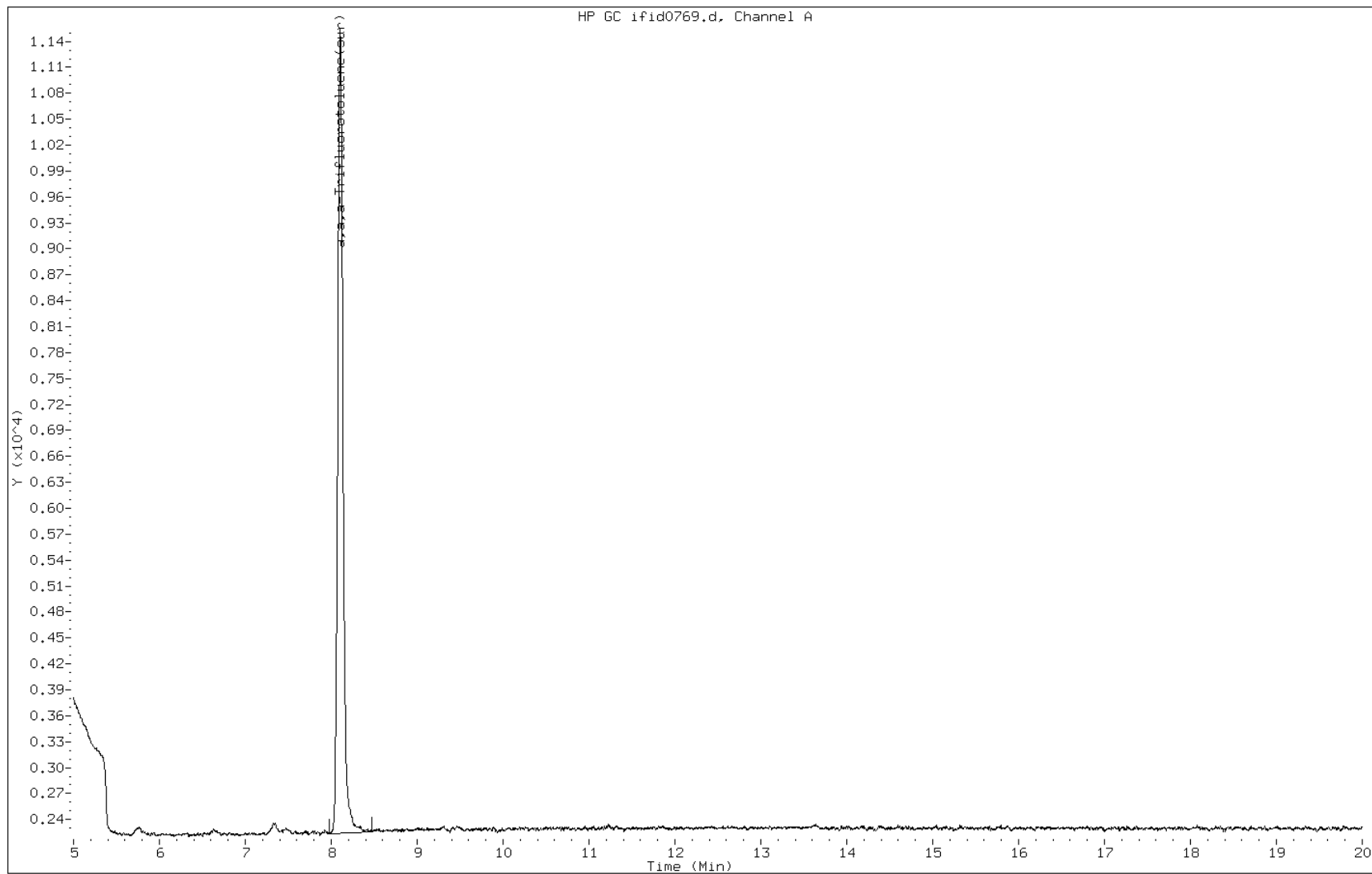
Date: 19-OCT-2011 01:43

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-2-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: ifid0770.d
Analysis Method: 8015B Date Collected: 10/05/2011 11:30
Sample wt/vol: 5.77(g) Date Analyzed: 10/19/2011 02:07
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 18.5 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2700	U	2700	540

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	87		68-143

Data File: ifid0770.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0770.d
Lab Smp Id: 460-32125-D-3-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 02:07
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-3-F
Misc Info : 460-32125-D-3-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.77000	Weight of sample extracted (g)
M	18.46154	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.107	8.107	0.000	192906	21.6678	2300
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0770.d

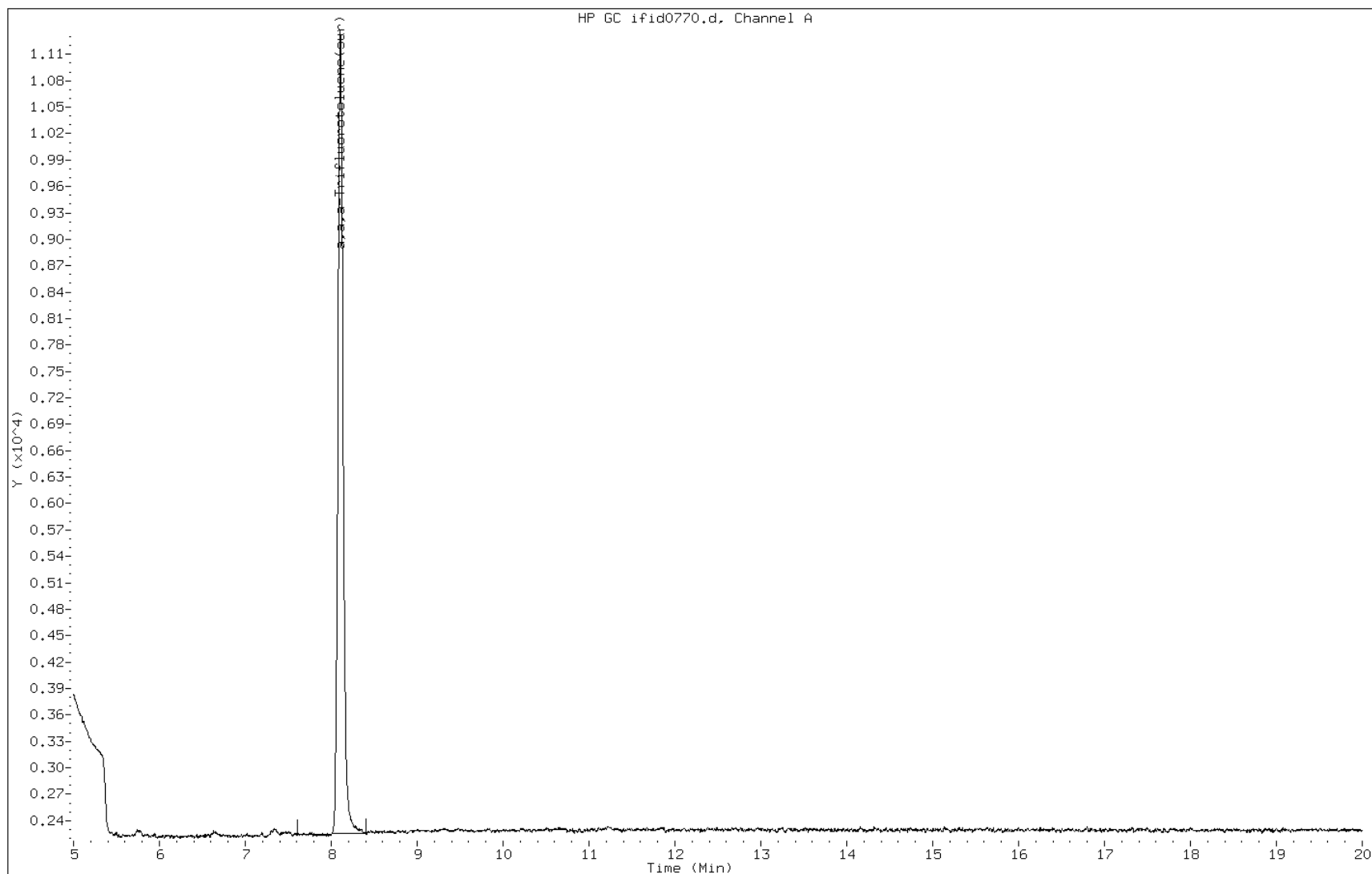
Date: 19-OCT-2011 02:07

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-3-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: ifid0771.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:15
Sample wt/vol: 5.53(g) Date Analyzed: 10/19/2011 02:31
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 57.4 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	5300	U	5300	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	83		68-143

Data File: ifid0771.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0771.d
Lab Smp Id: 460-32125-D-4-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 02:31
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-4-F
Misc Info : 460-32125-D-4-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.53000	Weight of sample extracted (g)
M	57.41176	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.103	8.107	-0.004	183831	20.6484	4400
S 12 Total GRO	Compound Not Detected.					

Data File: ifid0771.d

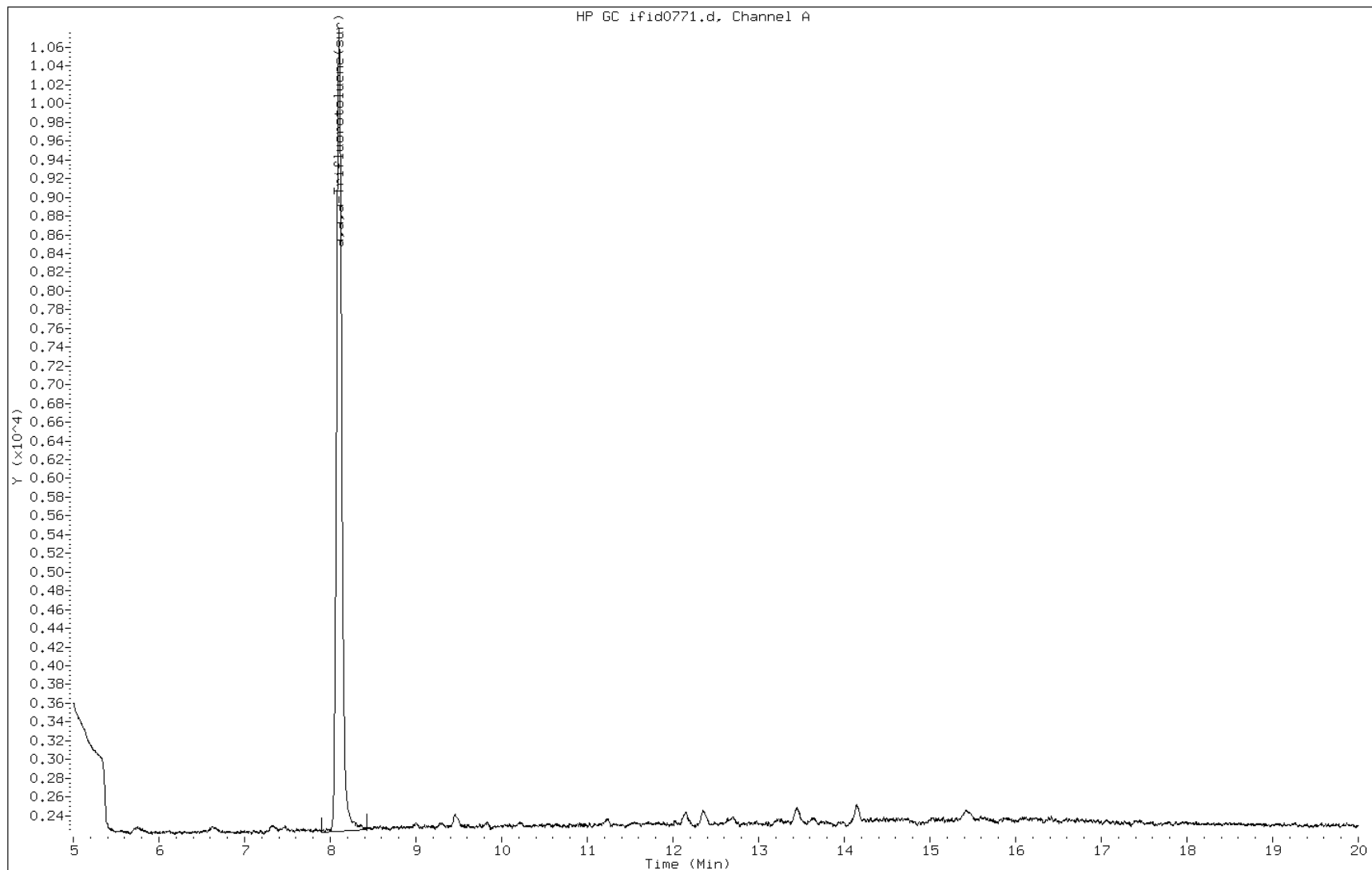
Date: 19-OCT-2011 02:31

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-4-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: ifid0772.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:30
Sample wt/vol: 5.75(g) Date Analyzed: 10/19/2011 02:56
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 67.7 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	6700	U	6700	1400

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	84		68-143

Data File: ifid0772.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0772.d
Lab Smp Id: 460-32125-D-5-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 02:56
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-5-F
Misc Info : 460-32125-D-5-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.75000	Weight of sample extracted (g)
M	67.67677	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.101	8.107	-0.006	186873	20.9901	5600
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0772.d

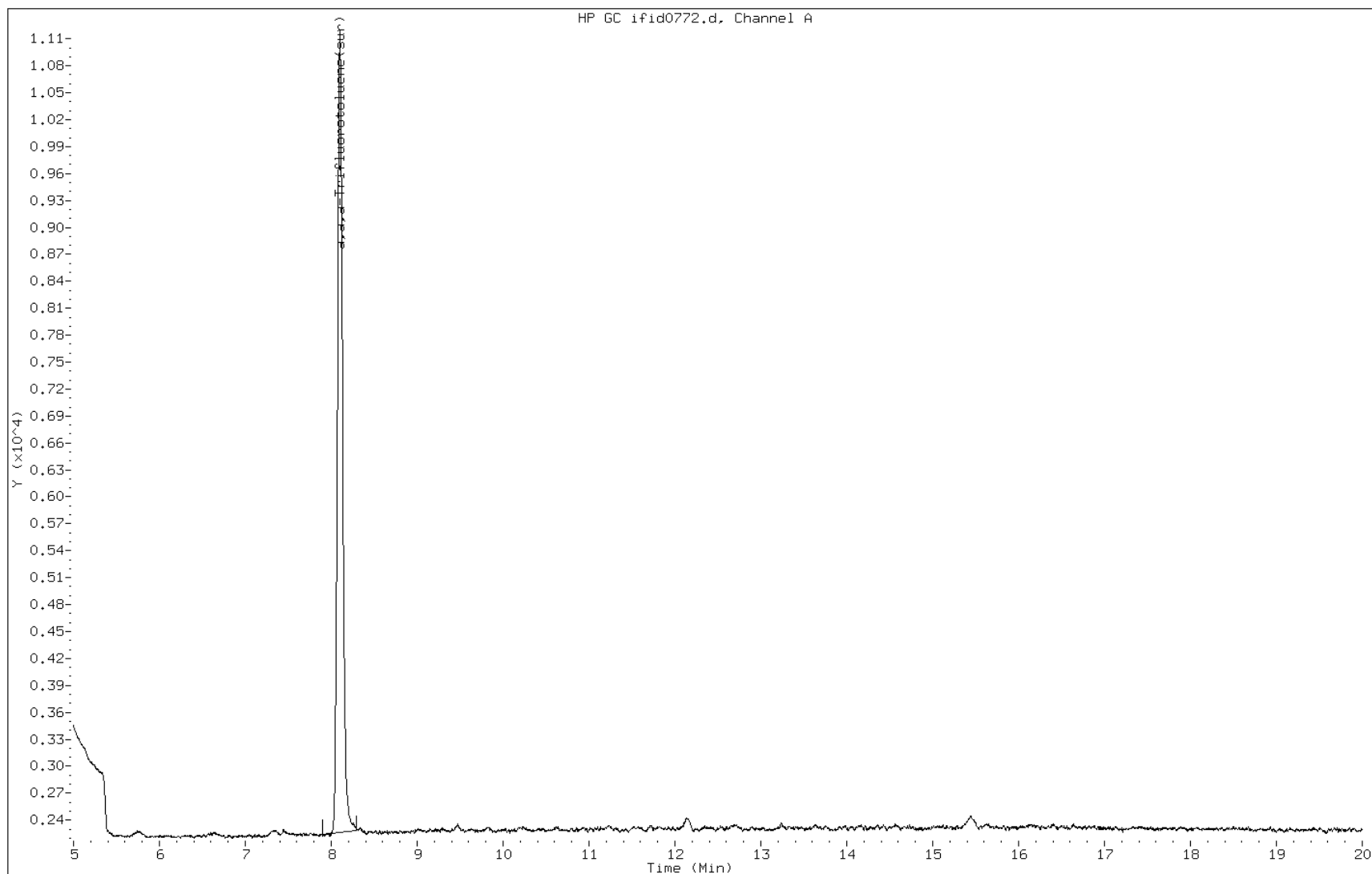
Date: 19-OCT-2011 02:56

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-5-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: ifid0773.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:50
Sample wt/vol: 5.05(g) Date Analyzed: 10/19/2011 03:20
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 30.0 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	3500	U	3500	720

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	91		68-143

Data File: ifid0773.d
Report Date: 19-Oct-2011 19:11

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0773.d
Lab Smp Id: 460-32125-D-6-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 03:20
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-6-F
Misc Info : 460-32125-D-6-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.05000	Weight of sample extracted (g)
M	30.04695	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.104	8.107	-0.003	203546	22.8629	3200
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0773.d

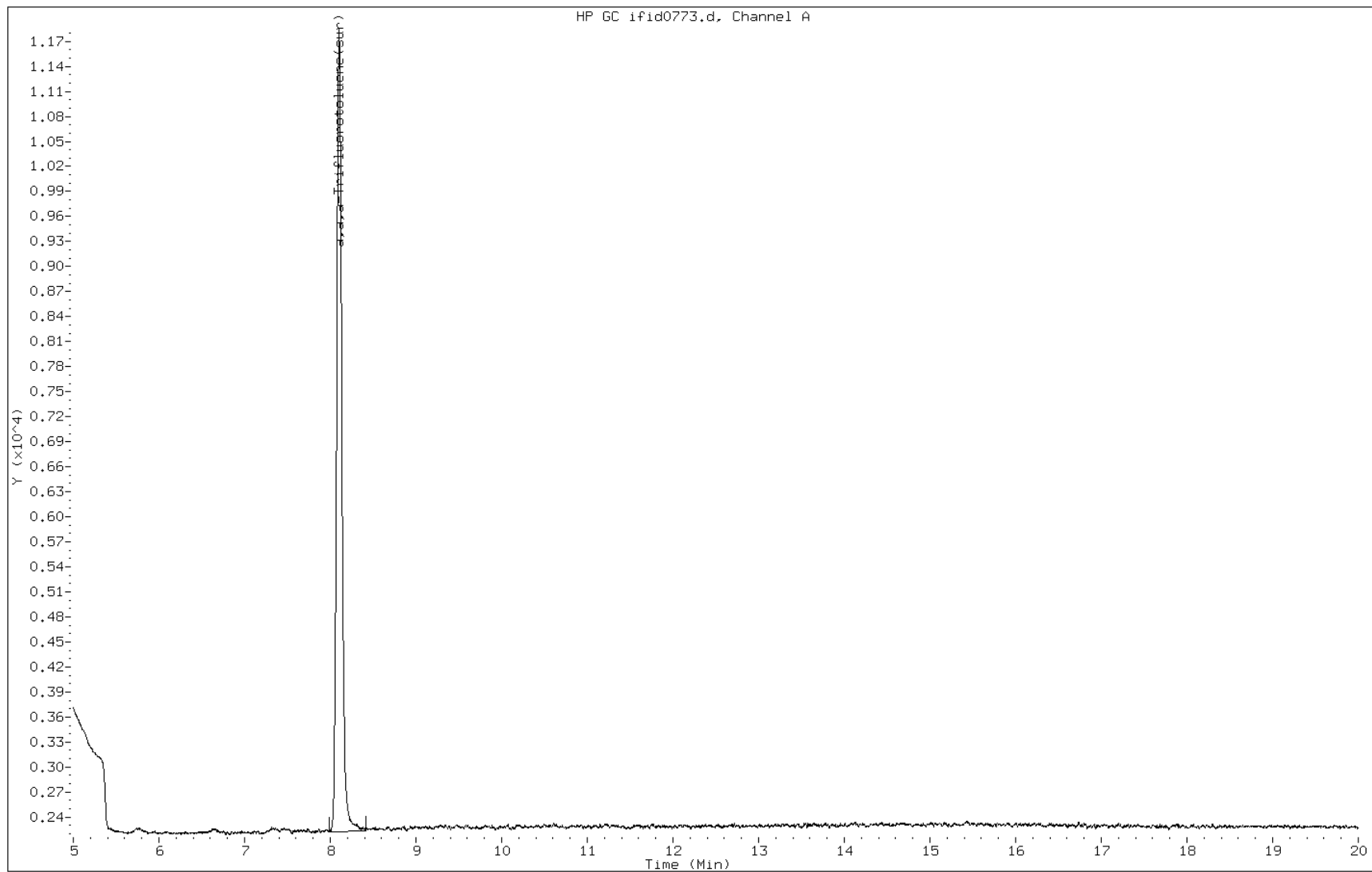
Date: 19-OCT-2011 03:20

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-6-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: ifid0774.d
Analysis Method: 8015B Date Collected: 10/05/2011 13:15
Sample wt/vol: 5.75(g) Date Analyzed: 10/19/2011 03:44
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 20.7 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2700	U	2700	560

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	89		68-143

Data File: ifid0774.d
Report Date: 19-Oct-2011 19:11

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0774.d
Lab Smp Id: 460-32125-D-7-F Client Smp ID: SO-17338-100511-MM-
Inj Date : 19-OCT-2011 03:44
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-7-F
Misc Info : 460-32125-D-7-F
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.75000	Weight of sample extracted (g)
M	20.68127	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.105	8.107	-0.002	197939	22.2331	2400
S 12 Total GRO	Compound Not Detected.					

Data File: ifid0774.d

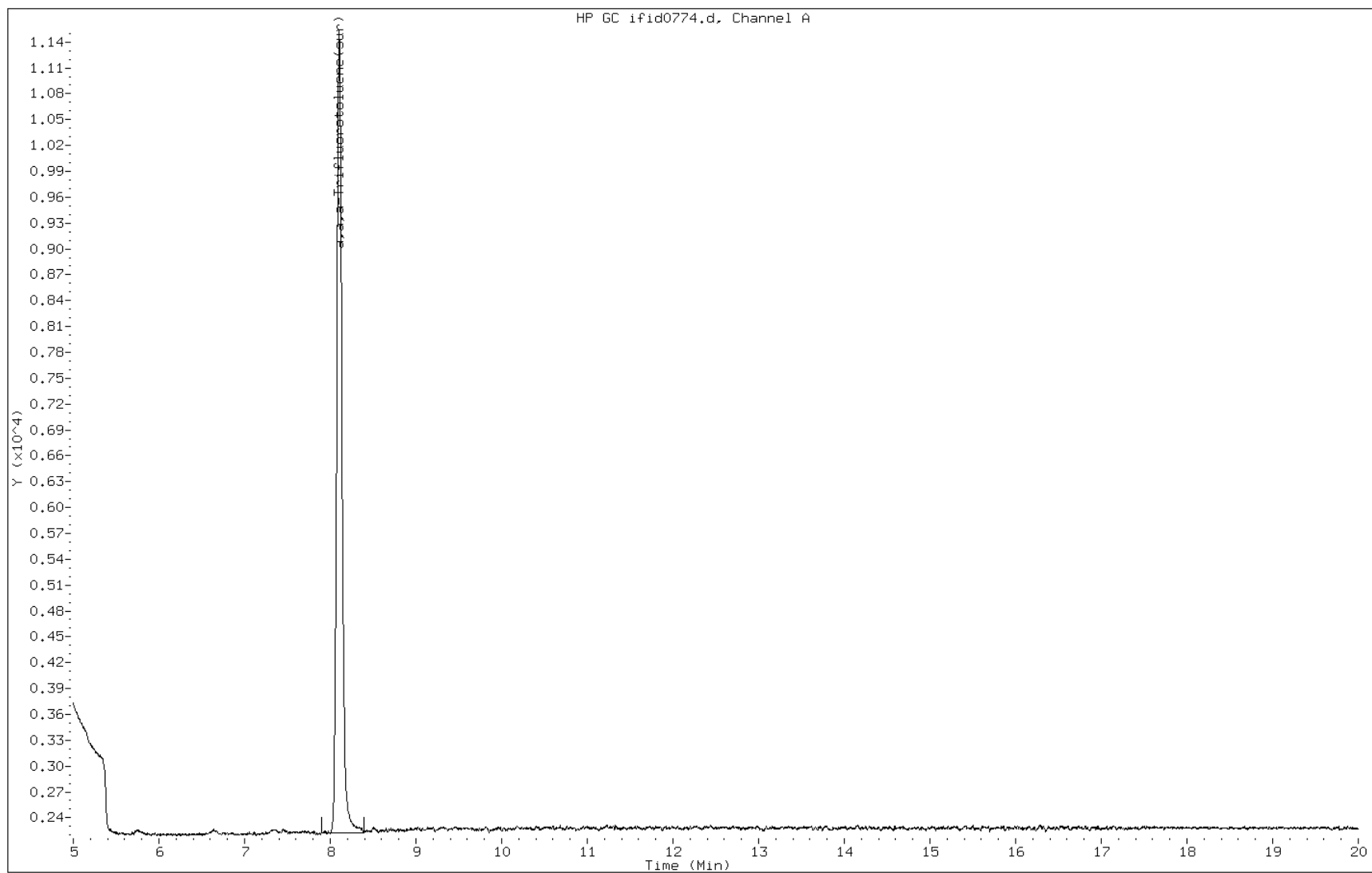
Date: 19-OCT-2011 03:44

Client ID: S0-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-7-F

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: ifid0775.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Sample wt/vol: 5.17(g) Date Analyzed: 10/19/2011 04:09
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 0.0 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2400	U	2400	500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	99		68-143

Data File: ifid0775.d
Report Date: 19-Oct-2011 19:11

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0775.d
Lab Smp Id: 460-32125-D-8-N Client Smp ID: FB-17338-100511-MM-
Inj Date : 19-OCT-2011 04:09
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-8-N
Misc Info : 460-32125-D-8-N
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.17000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.104	8.107	-0.003	219274	24.6295	2400
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0775.d

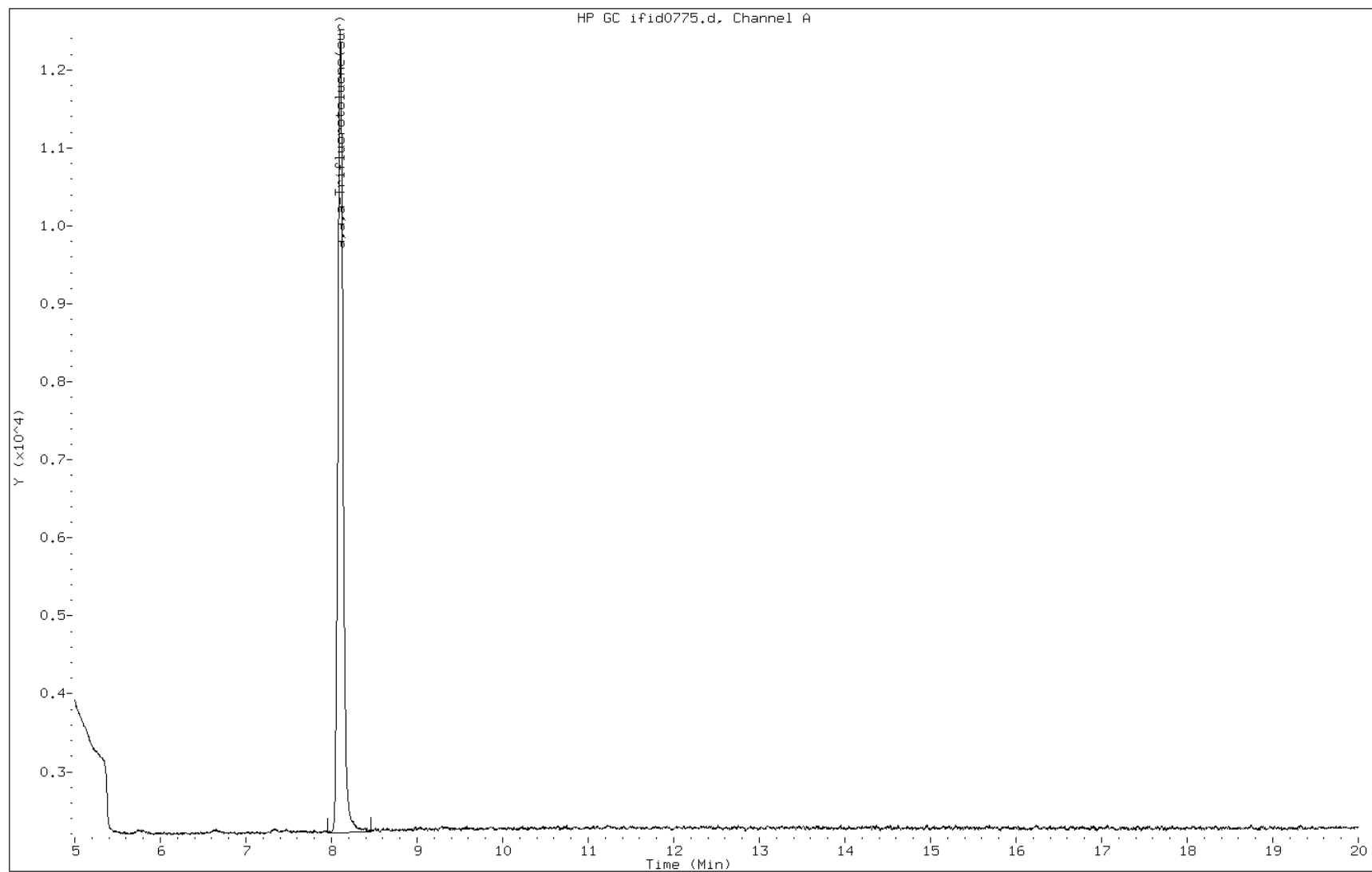
Date: 19-OCT-2011 04:09

Client ID: FB-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-8-N

Operator: vscreen3



FORM VI
GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 85205

SDG No.: _____

Instrument ID: VOAGC3 GC Column: Rtx-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 17:54 Calibration End Date: 06/07/2011 20:45 Calibration ID: 12122

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85205/2	ifid9105.d
Level 2	IC 460-85205/3	ifid9106.d
Level 3	IC 460-85205/4	ifid9107.d
Level 4	IC 460-85205/1	ifid9101.d
Level 5	IC 460-85205/5	ifid9108.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
GRO	9.675	9.675	9.675	9.675	9.675						5.500 - 13.850	9.675
a,a,a-Trifluorotoluene	8.090	8.090	8.091	8.090	8.094						7.990 - 8.190	8.091

FORM VI
GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 85205

SDG No.: _____

Instrument ID: VOAGC3 GC Column: Rtx-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 17:54 Calibration End Date: 06/07/2011 20:45 Calibration ID: 12122

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85205/2	ifid9105.d
Level 2	IC 460-85205/3	ifid9106.d
Level 3	IC 460-85205/4	ifid9107.d
Level 4	IC 460-85205/1	ifid9101.d
Level 5	IC 460-85205/5	ifid9108.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
GRO	10374 10615	11662	11242	10585	Ave		10895.7190				4.9		20.0			
a,a,a-Trifluorotoluene	7849.0 8550.9	8385.4	8840.0	8633.7	Ave		8451.79000				4.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 85205

SDG No.: _____

Instrument ID: VOAGC3 GC Column: Rtx-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 17:54 Calibration End Date: 06/07/2011 20:45 Calibration ID: 12122

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85205/2	ifid9105.d
Level 2	IC 460-85205/3	ifid9106.d
Level 3	IC 460-85205/4	ifid9107.d
Level 4	IC 460-85205/1	ifid9101.d
Level 5	IC 460-85205/5	ifid9108.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
GRO	Ave	259358	1166236	2248468	5292425	10614725	25.0	100	200	500	1000
a,a,a-Trifluorotoluene	Ave	7849	41927	88400	172674	342034	1.00	5.00	10.0	20.0	40.0

Curve Type Legend:

Ave = Average

Data File: ifid9101.d
 Report Date: 06-Sep-2011 18:37

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/ifid9101.d
 Lab Smp Id: IC
 Inj Date : 07-JUN-2011 17:54
 Operator : VGC3
 Smp Info : IC-4
 Misc Info :
 Comment :
 Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/GRODE_09.m
 Meth Date : 06-Sep-2011 18:37 maryb
 Cal Date : 07-JUN-2011 17:54
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid9101.d

Calibration Sample, Level: 4

Compound Sublist: all.sub

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/kg)	ON - COL (ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.090	8.090	0.000	172674	20.0000	20
S 12 Total GRO	5.500-13.850			5292425	500.000	480

Data File: ifid9101.d

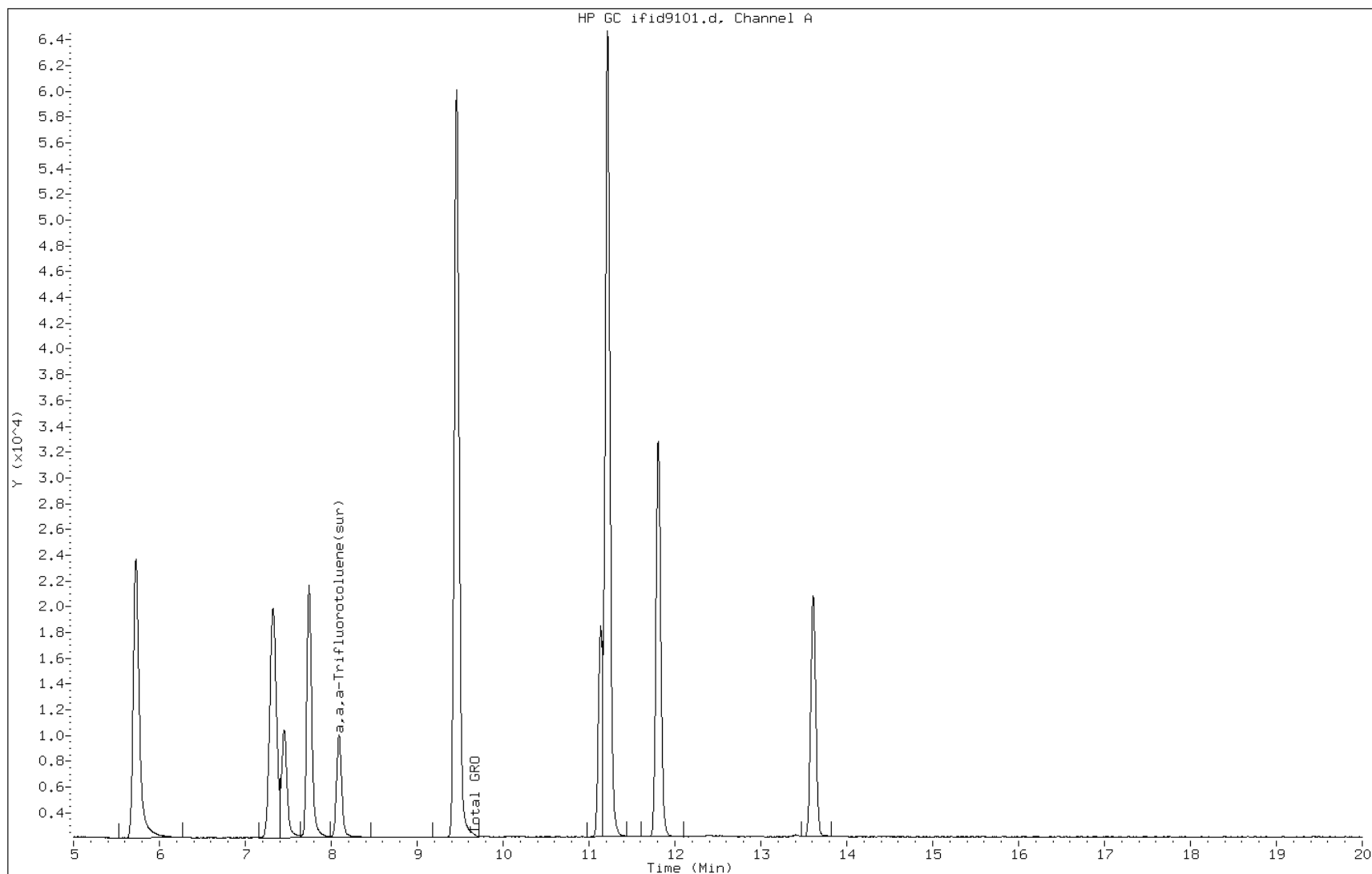
Date: 07-JUN-2011 17:54

Client ID:

Instrument: VOAGC3.i

Sample Info: IC-4

Operator: VGC3



Data File: ifid9105.d
Report Date: 06-Sep-2011 18:37

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/ifid9105.d
Lab Smp Id: IC
Inj Date : 07-JUN-2011 19:32
Operator : VGC3
Smp Info : IC-1
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/GRODE_09.m
Meth Date : 06-Sep-2011 18:37 maryb
Cal Date : 07-JUN-2011 17:54
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2
Inst ID: VOAGC3.i
Quant Type: ESTD
Cal File: ifid9101.d
Calibration Sample, Level: 1
Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/kg)	ON - COL (ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.090	8.090	0.000	7849	1.00000	0.93
S 12 Total GRO	5.500-13.850			259358	25.0000	24(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: ifid9105.d

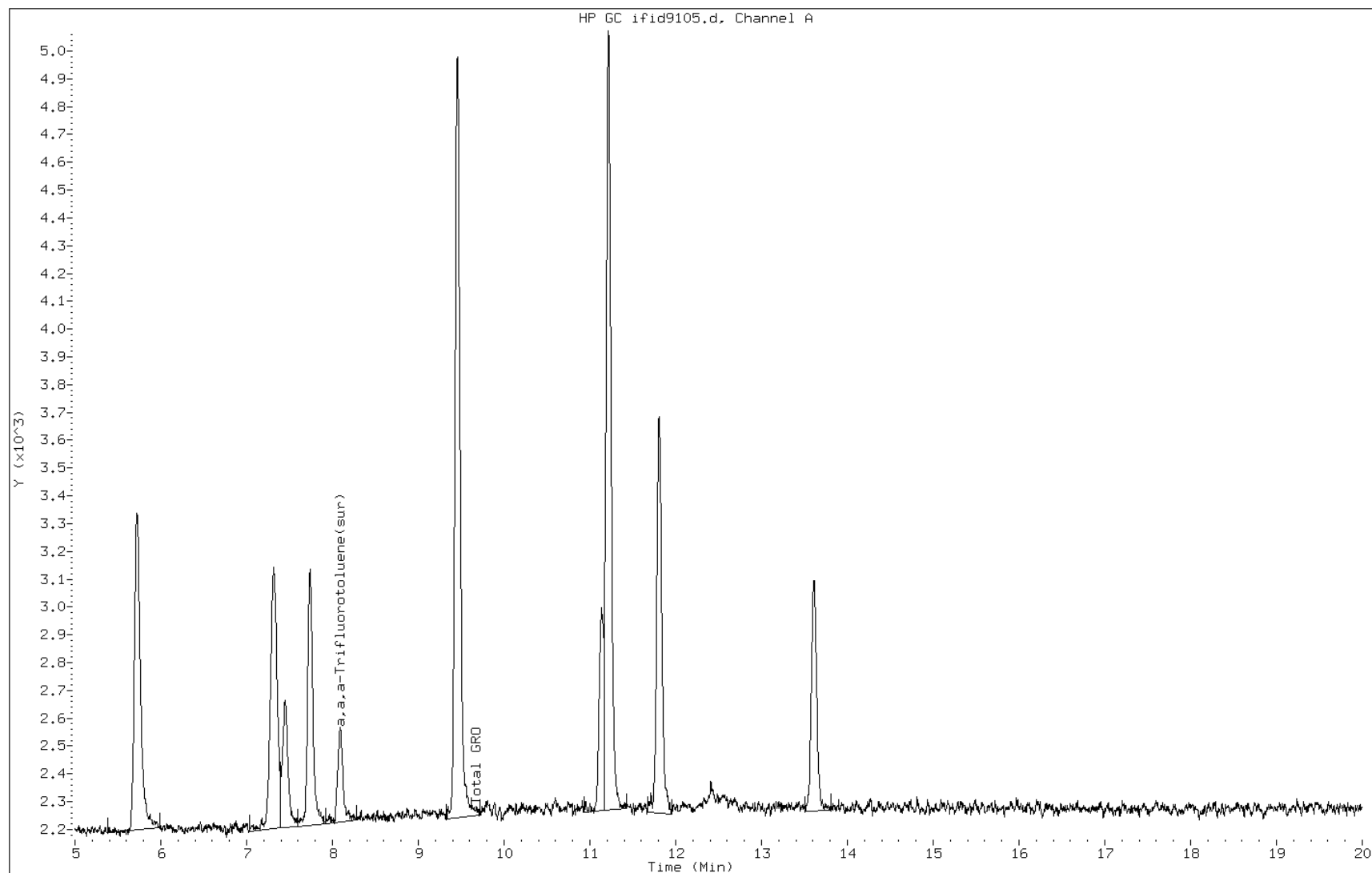
Date: 07-JUN-2011 19:32

Client ID:

Instrument: VOAGC3.i

Sample Info: IC-1

Operator: VGC3



Data File: ifid9106.d
Report Date: 06-Sep-2011 18:37

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/ifid9106.d
Lab Smp Id: IC
Inj Date : 07-JUN-2011 19:56
Operator : VGC3
Smp Info : IC-2
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/GRODE_09.m
Meth Date : 06-Sep-2011 18:37 maryb
Cal Date : 07-JUN-2011 17:54
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid9101.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT	ON - COL
					(ug/kg)	(ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.090	8.090	0.000	41927	5.00000	5.0
S 12 Total GRO	5.500-13.850			1166236	100.000	110

Data File: ifid9106.d

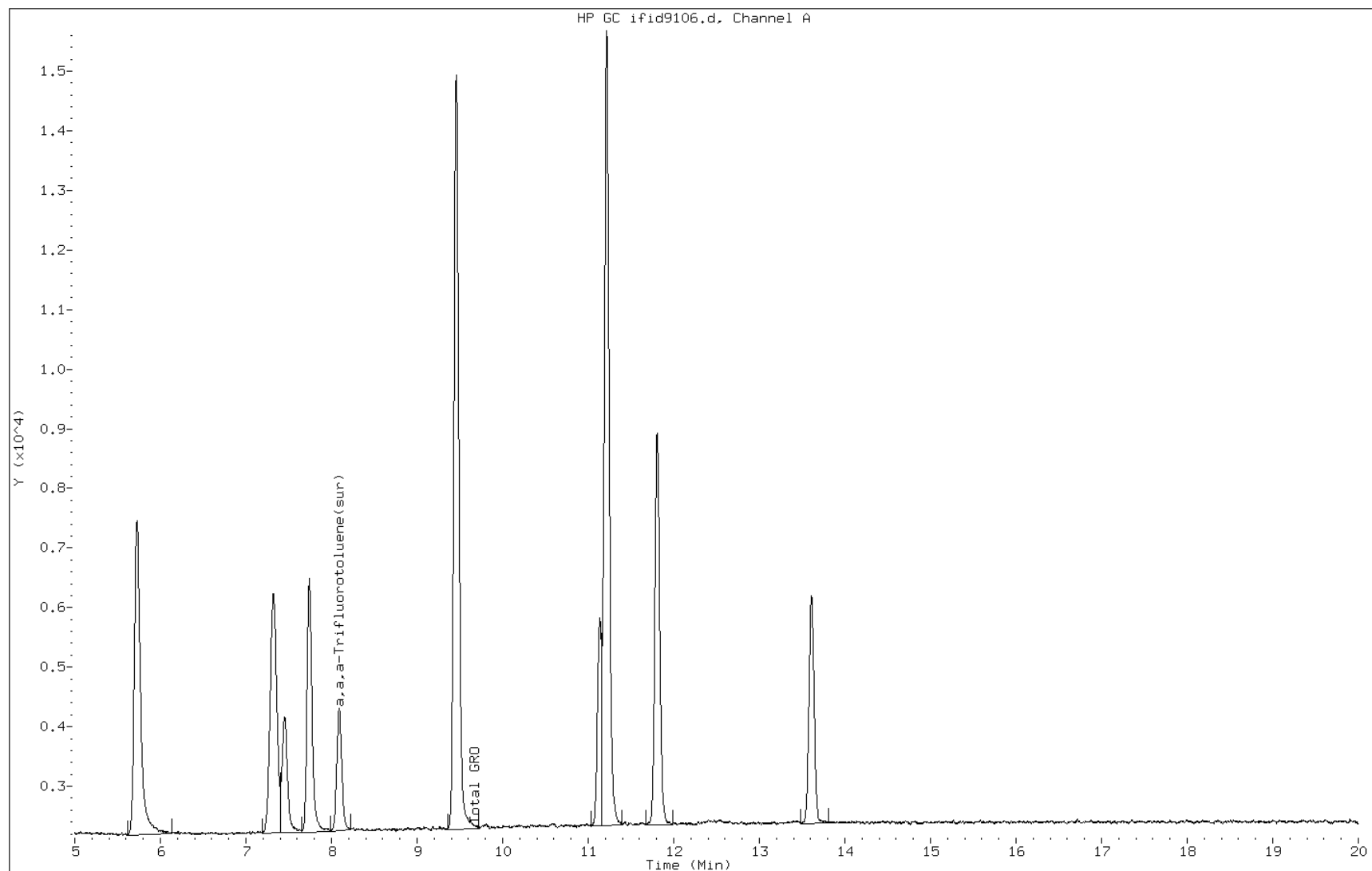
Date: 07-JUN-2011 19:56

Client ID:

Instrument: VOAGC3.i

Sample Info: IC-2

Operator: VGC3



Data File: ifid9107.d
 Report Date: 06-Sep-2011 18:38

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/ifid9107.d
 Lab Smp Id: IC
 Inj Date : 07-JUN-2011 20:20
 Operator : VGC3
 Smp Info : IC-3
 Misc Info :
 Comment :
 Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/GRODE_09.m
 Meth Date : 06-Sep-2011 18:38 maryb
 Cal Date : 07-JUN-2011 17:54
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid9101.d

Calibration Sample, Level: 3

Compound Sublist: all.sub

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/kg)	ON-COL (ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.091	8.090	0.001	88400	10.0000	10
S 12 Total GRO	5.500-13.850			2248468	200.000	210

Data File: ifid9107.d

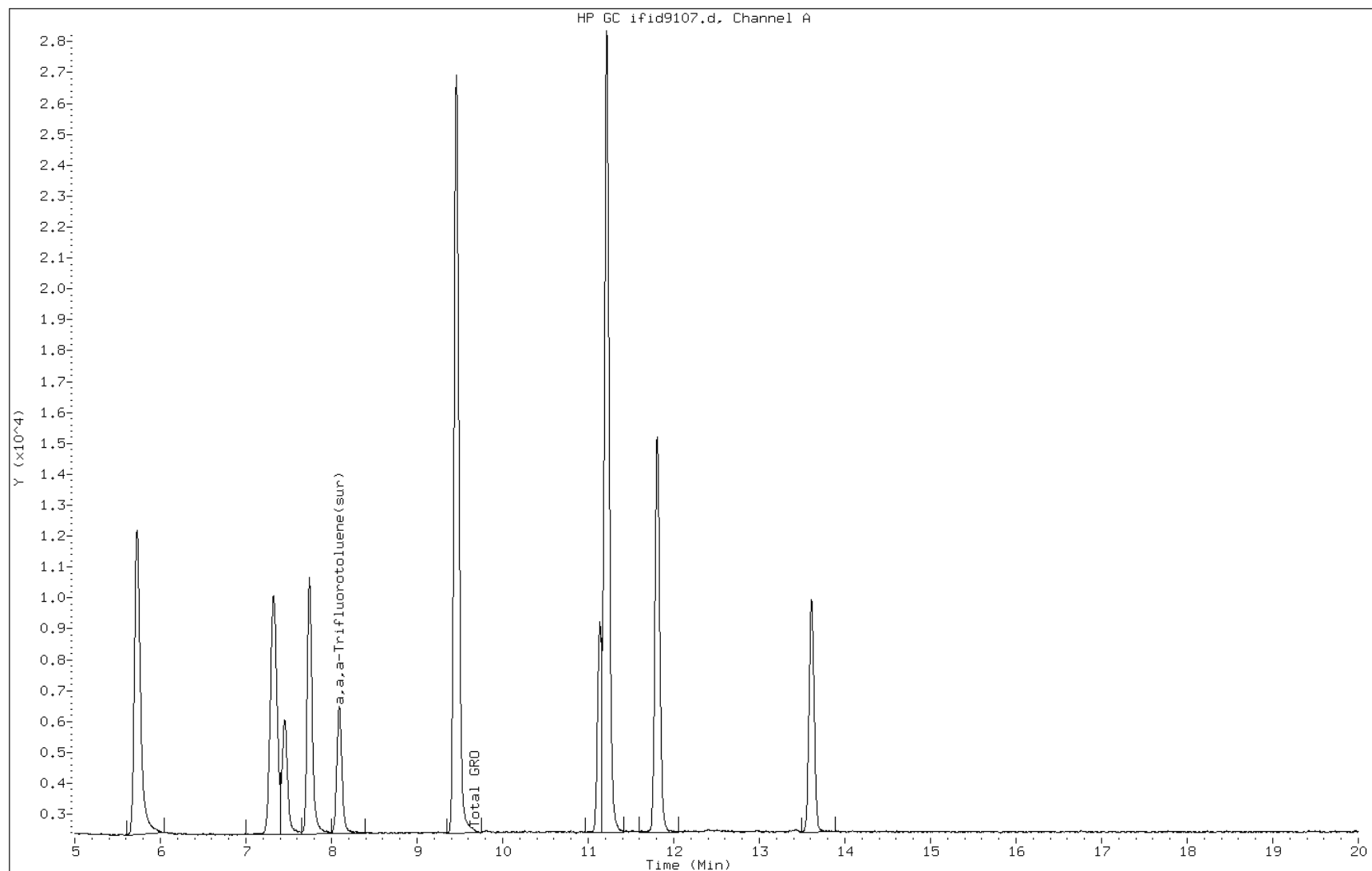
Date: 07-JUN-2011 20:20

Client ID:

Instrument: VOAGC3.i

Sample Info: IC-3

Operator: VGC3



Data File: ifid9108.d
 Report Date: 06-Sep-2011 18:38

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/ifid9108.d
 Lab Smp Id: IC
 Inj Date : 07-JUN-2011 20:45
 Operator : VGC3
 Smp Info : IC-5
 Misc Info :
 Comment :
 Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/07jun11DE.b/GRODE_09.m
 Meth Date : 06-Sep-2011 18:38 maryb
 Cal Date : 07-JUN-2011 17:54
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid9101.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT	ON - COL
					(ug/kg)	(ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.094	8.090	0.004	342034	40.0000	40
S 12 Total GRO	5.500-13.850			10614725	1000.00	970

Data File: ifid9108.d

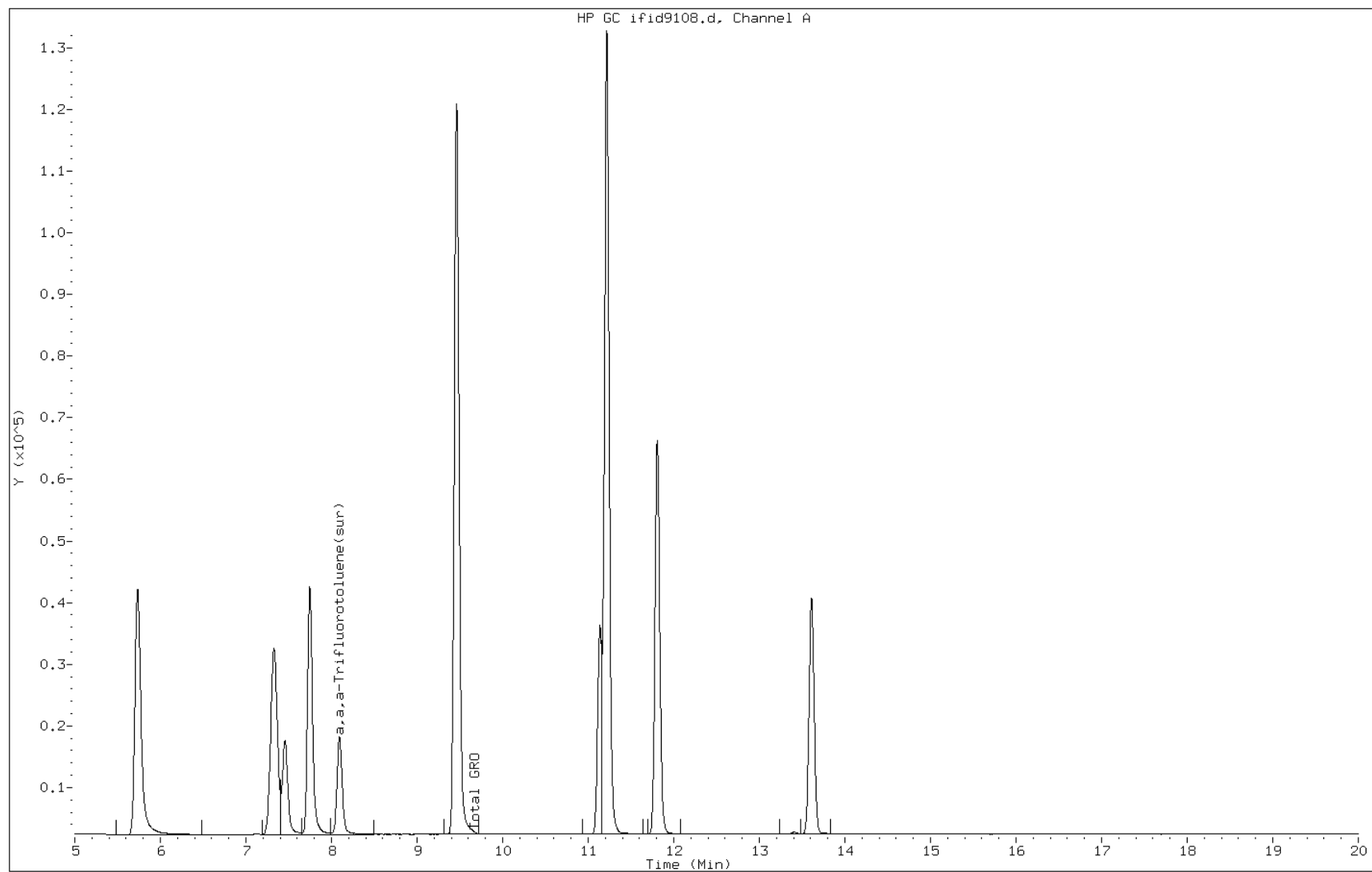
Date: 07-JUN-2011 20:45

Client ID:

Instrument: VOAGC3.i

Sample Info: IC-5

Operator: VGC3



FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-89982/1 Calibration Date: 10/18/2011 20:56
Instrument ID: VOAGC3 Calib Start Date: 06/07/2011 17:54
GC Column: Rtx-502.2 ID: 0.53 (mm) Calib End Date: 06/07/2011 20:45
Lab File ID: ifid0758.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	10896	11165		512	500	2.5	25.0
a,a,a-Trifluorotoluene	Ave	8452	8903		21.1	20.0	5.3	25.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-89982/1 Calibration Date: 10/18/2011 20:56
Instrument ID: VOAGC3 Calib Start Date: 06/07/2011 17:54
GC Column: Rtx-502.2 ID: 0.53 (mm) Calib End Date: 06/07/2011 20:45
Lab File ID: ifid0758.d Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		TO	FROM
GRO	9.81	5.63	13.99
a,a,a-Trifluorotoluene	8.11	8.00	8.20

Data File: ifid0758.d
Report Date: 19-Oct-2011 19:09

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0758.d
Lab Smp Id: CCV
Inj Date : 18-OCT-2011 20:56
Operator : VGC3
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb
Cal Date : 18-OCT-2011 20:56
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid0758.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/kg)	ON - COL (ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.107	8.107	0.000	178058	20.0000	21
S 12 Total GRO	5.630-13.990			5582681	500.000	510

Data File: ifid0758.d

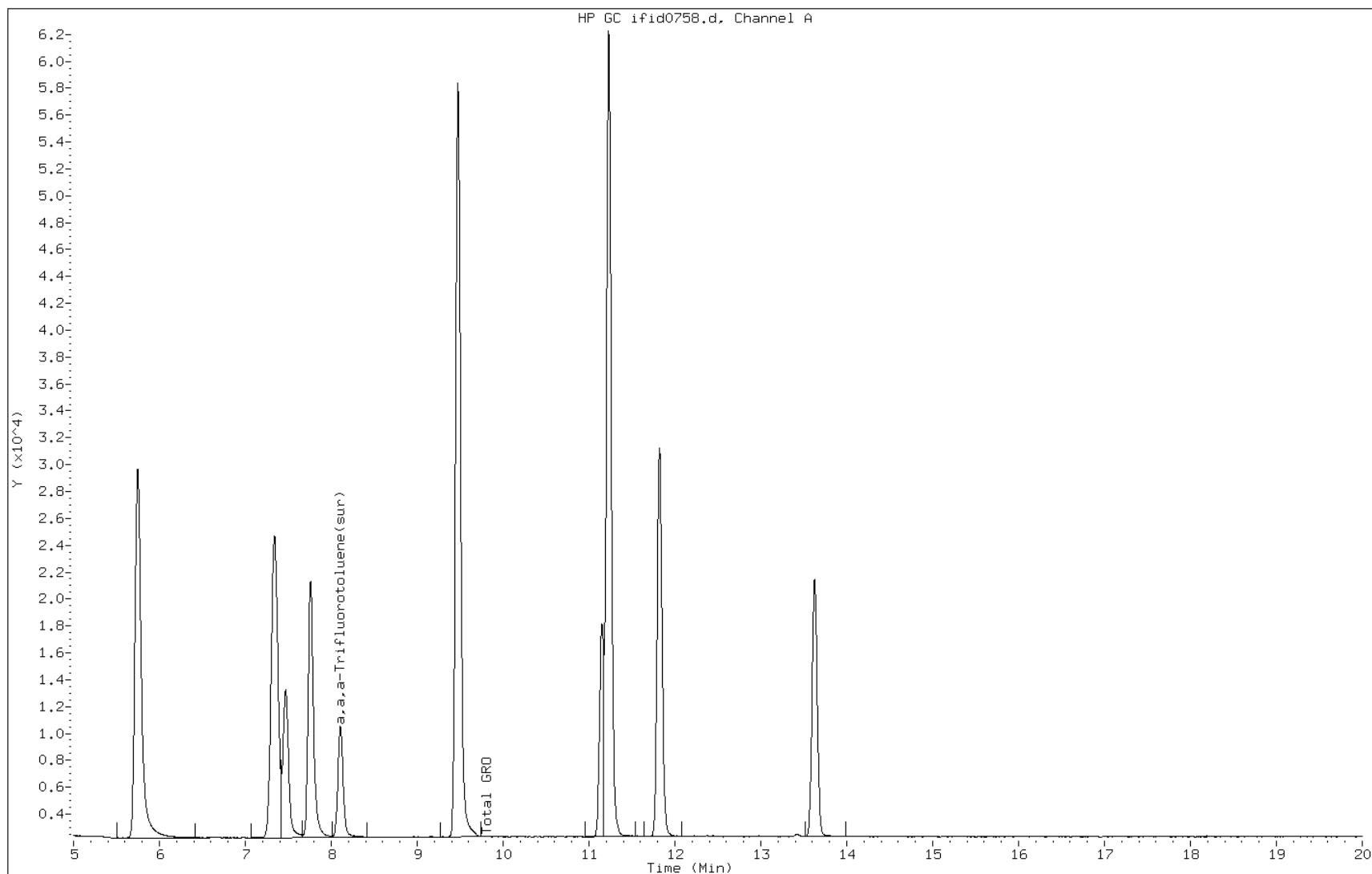
Date: 18-OCT-2011 20:56

Client ID:

Instrument: VOAGC3.i

Sample Info: CCV

Operator: VGC3



FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-89982/14 Calibration Date: 10/19/2011 05:22
Instrument ID: VOAGC3 Calib Start Date: 06/07/2011 17:54
GC Column: Rtx-502.2 ID: 0.53 (mm) Calib End Date: 06/07/2011 20:45
Lab File ID: ifid0778.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	10896	10276		472	500	-5.7	25.0
a,a,a-Trifluorotoluene	Ave	8452	8484		20.1	20.0	0.4	25.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-89982/14 Calibration Date: 10/19/2011 05:22
Instrument ID: VOAGC3 Calib Start Date: 06/07/2011 17:54
GC Column: Rtx-502.2 ID: 0.53 (mm) Calib End Date: 06/07/2011 20:45
Lab File ID: ifid0778.d Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		TO	FROM
GRO	9.81	5.63	13.99
a,a,a-Trifluorotoluene	8.10	8.00	8.20

Data File: ifid0778.d
Report Date: 24-Oct-2011 12:14

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0778.d
Lab Smp Id: CCV
Inj Date : 19-OCT-2011 05:22
Operator : vscreen3
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 24-Oct-2011 12:14 maryb
Cal Date : 19-OCT-2011 05:22
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2
Inst ID: VOAGC3.i
Quant Type: ESTD
Cal File: ifid0778.d
Continuing Calibration Sample
Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/kg)	ON - COL (ug/kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.105	8.105	0.000	169678	20.0000	20
S 12 Total GRO	5.630-13.990			5137990	500.000	470

Data File: ifid0778.d

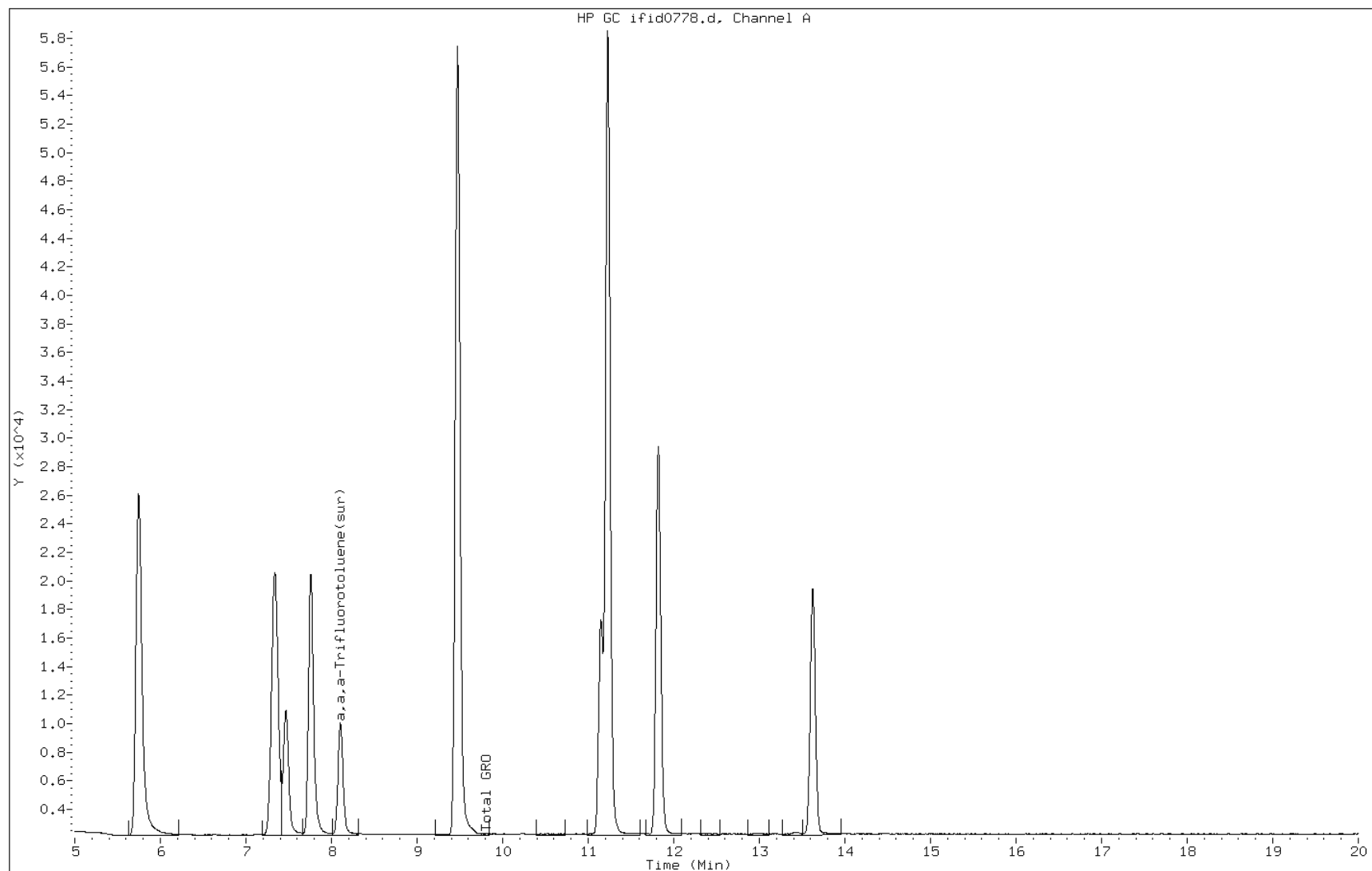
Date: 19-OCT-2011 05:22

Client ID:

Instrument: VOAGC3.i

Sample Info: CCV

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89982/3
Matrix: Solid Lab File ID: ifid0762.d
Analysis Method: 8015B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 10/18/2011 22:52
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2500	U	2500	510

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	82		68-143

Data File: ifid0762.d
Report Date: 19-Oct-2011 19:10

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0762.d
Lab Smp Id: MB
Inj Date : 18-OCT-2011 22:52
Operator : VGC3
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb
Cal Date : 18-OCT-2011 20:56
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2

Inst ID: VOAGC3.i

Quant Type: ESTD

Cal File: ifid0758.d

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.101	8.107	-0.006	181939	20.4359	2000
S 12 Total GRO				Compound Not Detected.		

Data File: ifid0762.d

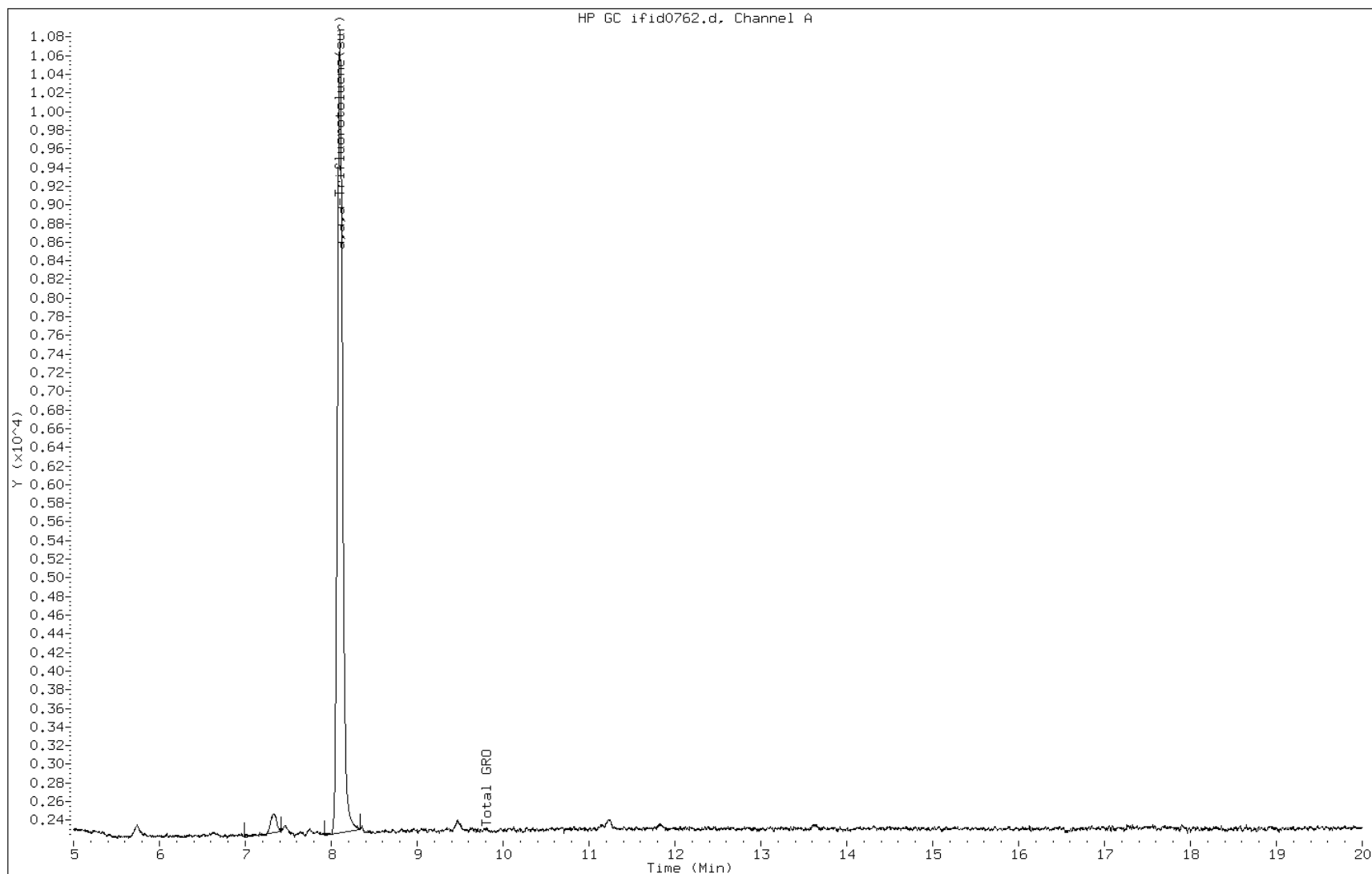
Date: 18-OCT-2011 22:52

Client ID:

Instrument: VOAGC3.i

Sample Info: MB

Operator: VGC3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-89982/2
Matrix: Solid Lab File ID: ifid0760.d
Analysis Method: 8015B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 10/18/2011 22:03
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	23600		2500	510

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	111		68-143

Data File: ifid0760.d
Report Date: 19-Oct-2011 19:09

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0760.d
Lab Smp Id: LCS
Inj Date : 18-OCT-2011 22:03
Operator : VGC3
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb
Cal Date : 18-OCT-2011 20:56
Als bottle: 1
Dil Factor: 50.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd2
Inst ID: VOAGC3.i
Quant Type: ESTD
Cal File: ifid0758.d
QC Sample: METHSPIKE
Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.105	8.107	-0.002	246659	27.7055	2800
S 12 Total GRO	5.630-13.990			2632589	235.782	24000

Data File: ifid0760.d

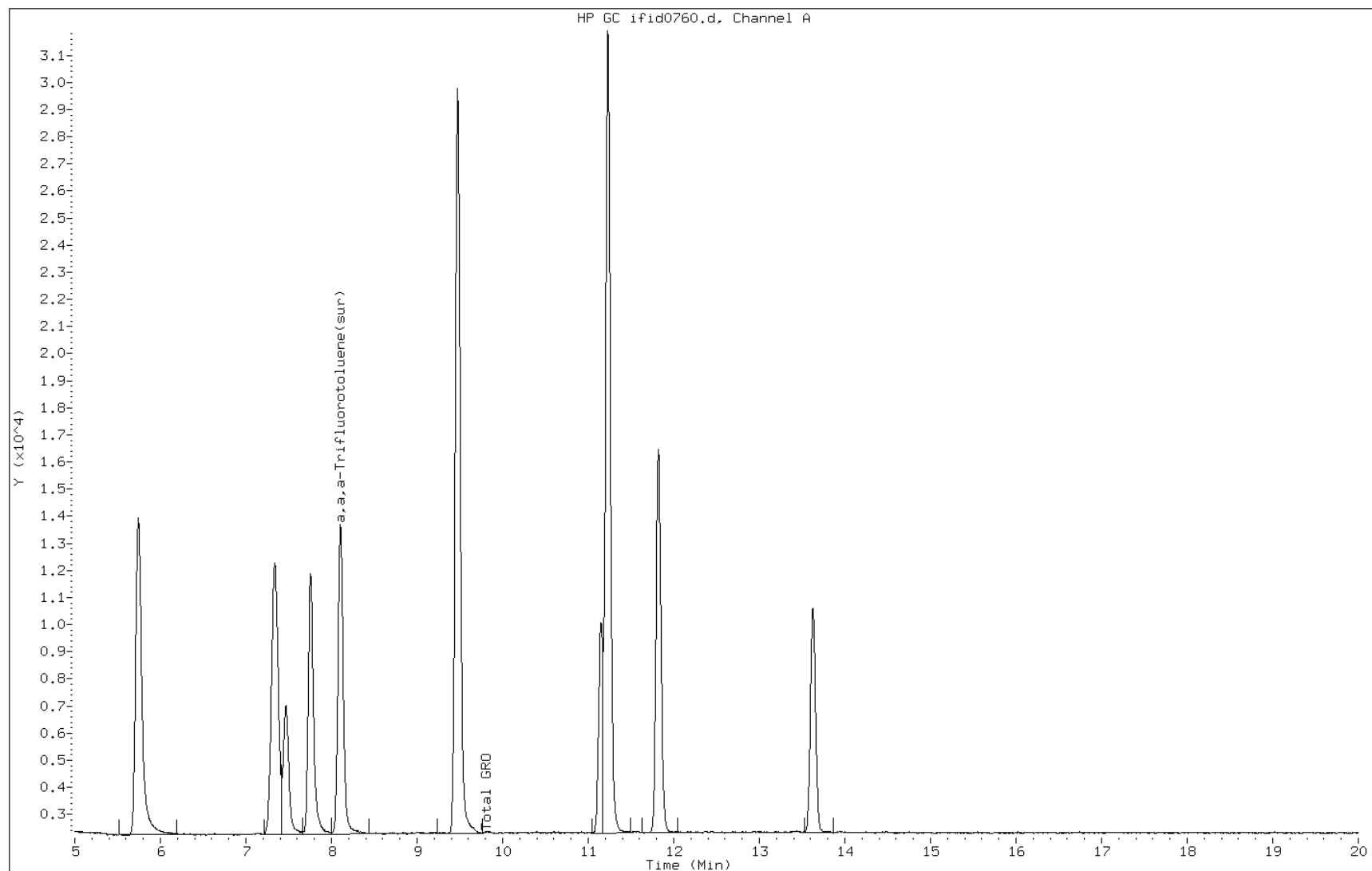
Date: 18-OCT-2011 22:03

Client ID:

Instrument: VOAGC3.i

Sample Info: LCS

Operator: VGC3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS
Matrix: Solid Lab File ID: ifid0776.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Sample wt/vol: 5.22(g) Date Analyzed: 10/19/2011 04:33
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 0.0 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	23300		2400	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	123		68-143

Data File: ifid0776.d
Report Date: 19-Oct-2011 19:11

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0776.d
Lab Smp Id: 460-32125-D-8-0 MS Client Smp ID: FB-17338-100511-MM-
Inj Date : 19-OCT-2011 04:33
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-8-0 MS
Misc Info : 460-32125-D-8-0 MS
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1 QC Sample: MS
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.22000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.105	8.107	-0.002	227425	30.6802	2900
S 12 Total GRO	5.630-13.990			2228788	243.763	23000

Data File: ifid0776.d

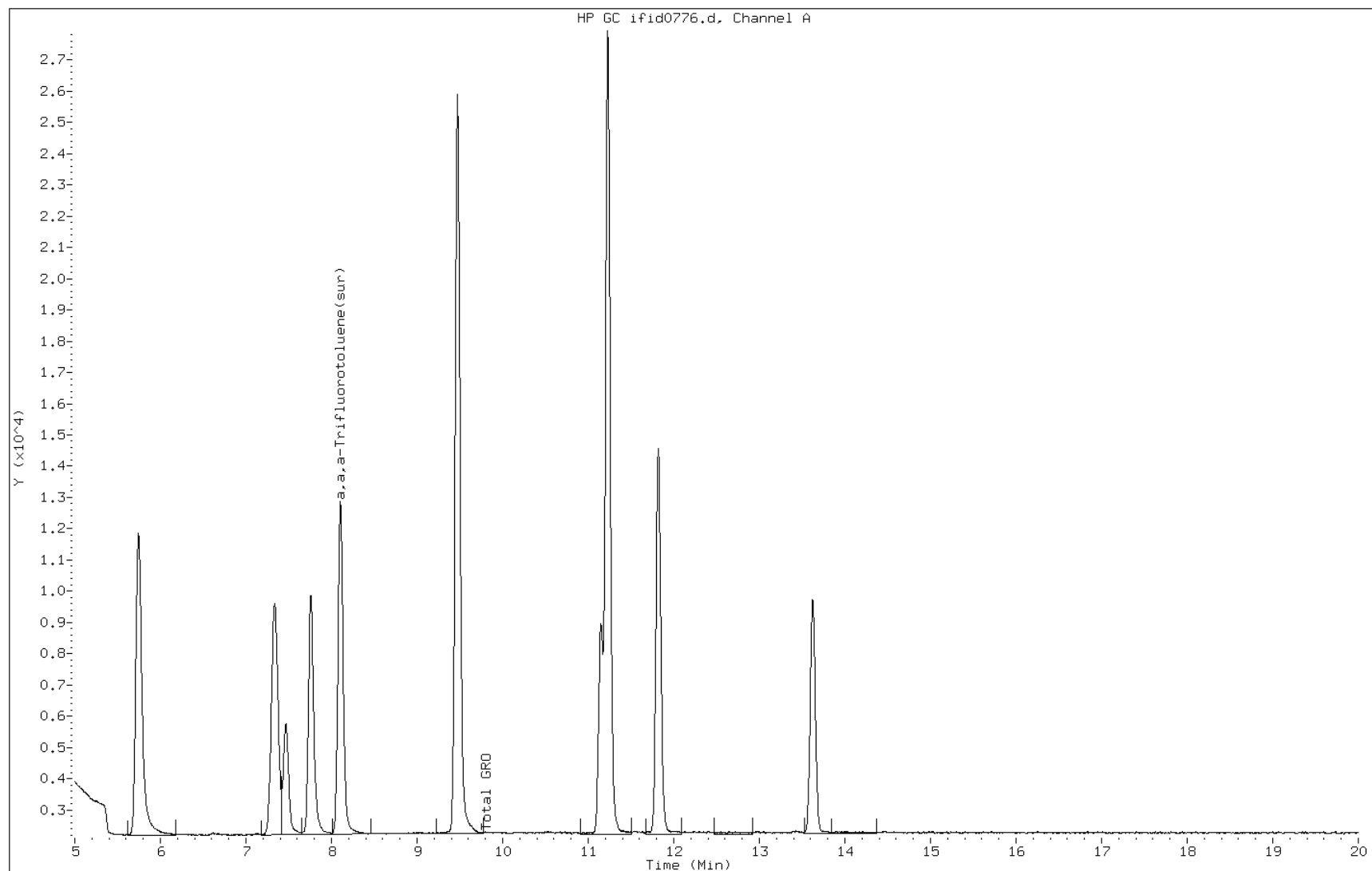
Date: 19-OCT-2011 04:33

Client ID: FB-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-8-0 MS

Operator: vscreen3



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD
Matrix: Solid Lab File ID: ifid0777.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Sample wt/vol: 5.71(g) Date Analyzed: 10/19/2011 04:58
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 10 (mL) GC Column: Rtx-502.2 ID: 0.53 (mm)
% Moisture: 0.0 Level: (low/med) Medium
Analysis Batch No.: 89982 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	20900		2200	450

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	122		68-143

Data File: ifid0777.d
Report Date: 19-Oct-2011 19:11

TestAmerica

Data file : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/ifid0777.d
Lab Smp Id: 460-32125-D-8-P MSD Client Smp ID: FB-17338-100511-MM-
Inj Date : 19-OCT-2011 04:58
Operator : vscreen3 Inst ID: VOAGC3.i
Smp Info : 460-32125-D-8-P MSD
Misc Info : 460-32125-D-8-P MSD
Comment :
Method : /chem/VOAGC3.i/GROSSOIL/06-07-11DE/18oct11DE.b/GRODE_09.m
Meth Date : 19-Oct-2011 19:09 maryb Quant Type: ESTD
Cal Date : 18-OCT-2011 20:56 Cal File: ifid0758.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (ml)
Ws	5.71000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/kg)	(ug/Kg)
\$ 5 a,a,a-Trifluorotoluene(sur)	8.106	8.107	-0.001	226111	30.5030	2700
S 12 Total GRO	5.630-13.990			2184352	238.903	21000

Data File: ifid0777.d

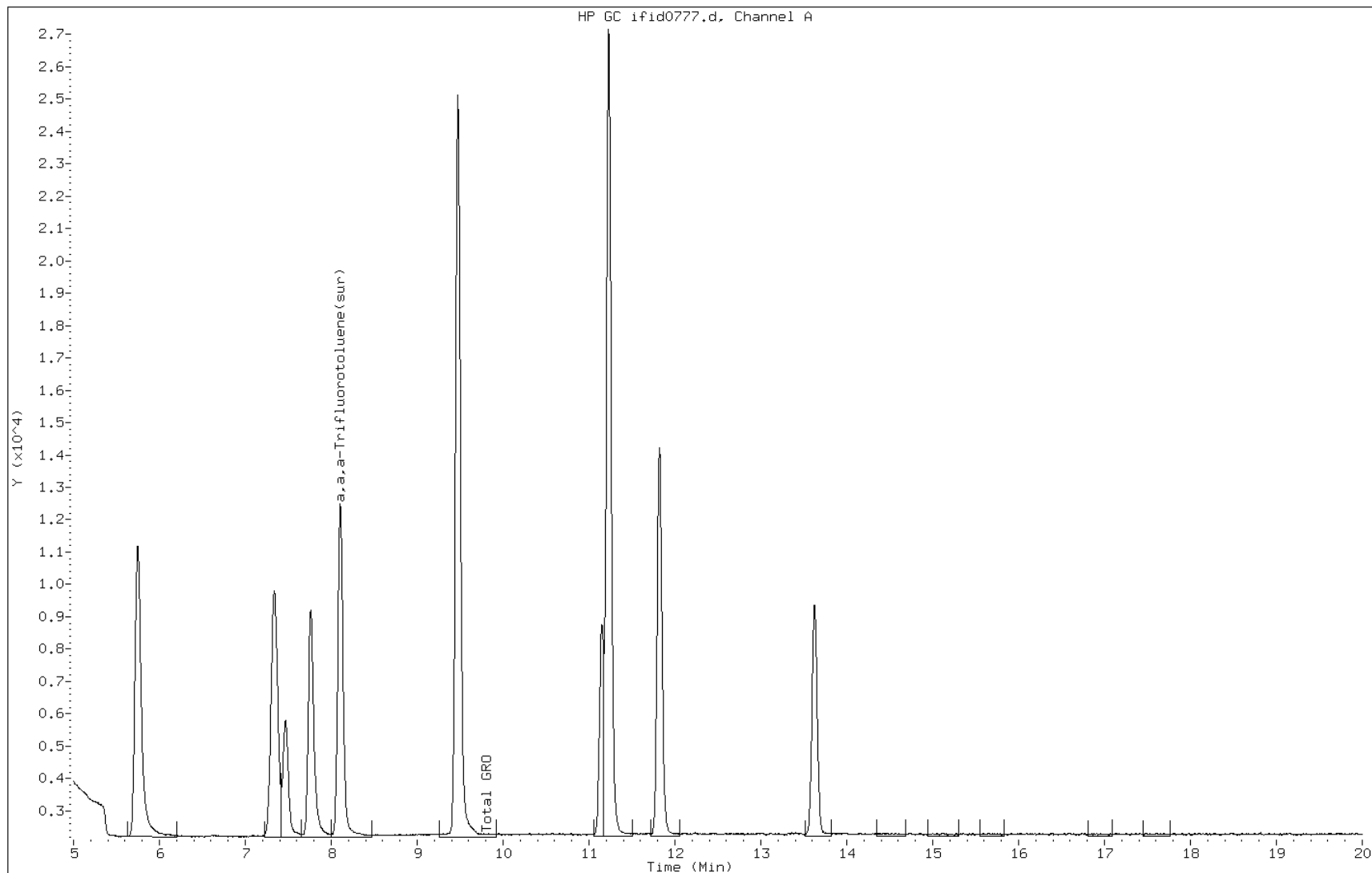
Date: 19-OCT-2011 04:58

Client ID: FB-17338-100511-MM-

Instrument: VOAGC3.i

Sample Info: 460-32125-D-8-P MSD

Operator: vscreen3



GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: VOAGC3 Start Date: 06/07/2011 17:54Analysis Batch Number: 85205 End Date: 06/07/2011 20:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 460-85205/1		06/07/2011 17:54	1	ifid9101.d	Rtx-502.2 0.53 (mm)
IC 460-85205/2		06/07/2011 19:32	1	ifid9105.d	Rtx-502.2 0.53 (mm)
IC 460-85205/3		06/07/2011 19:56	1	ifid9106.d	Rtx-502.2 0.53 (mm)
IC 460-85205/4		06/07/2011 20:20	1	ifid9107.d	Rtx-502.2 0.53 (mm)
IC 460-85205/5		06/07/2011 20:45	1	ifid9108.d	Rtx-502.2 0.53 (mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: VOAGC3 Start Date: 10/18/2011 20:56Analysis Batch Number: 89982 End Date: 10/19/2011 05:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-89982/1		10/18/2011 20:56	1	ifid0758.d	Rtx-502.2 0.53 (mm)
LCS 460-89982/2		10/18/2011 22:03	50	ifid0760.d	Rtx-502.2 0.53 (mm)
MB 460-89982/3		10/18/2011 22:52	50	ifid0762.d	Rtx-502.2 0.53 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/19/2011 01:18	50	ifid0768.d	Rtx-502.2 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/19/2011 01:43	50	ifid0769.d	Rtx-502.2 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/19/2011 02:07	50	ifid0770.d	Rtx-502.2 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/19/2011 02:31	50	ifid0771.d	Rtx-502.2 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/19/2011 02:56	50	ifid0772.d	Rtx-502.2 0.53 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/19/2011 03:20	50	ifid0773.d	Rtx-502.2 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/19/2011 03:44	50	ifid0774.d	Rtx-502.2 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/19/2011 04:09	50	ifid0775.d	Rtx-502.2 0.53 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/19/2011 04:33	50	ifid0776.d	Rtx-502.2 0.53 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/19/2011 04:58	50	ifid0777.d	Rtx-502.2 0.53 (mm)
CCV 460-89982/14		10/19/2011 05:22	1	ifid0778.d	Rtx-502.2 0.53 (mm)

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89955 Batch Start Date: 10/18/11 19:07 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 10/18/11 21:19

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VGGROMSP 00016	VGPrepSU 00040		
460-32125-D-1	SO-17338-100511-MM-140	5035, 8015B	T	5.15 g	10 mL		10 mL		
460-32125-D-2	SO-17338-100511-MM-141	5035, 8015B	T	5.75 g	10 mL		10 mL		
460-32125-D-3	SO-17338-100511-MM-142	5035, 8015B	T	5.77 g	10 mL		10 mL		
460-32125-D-4	SO-17338-100511-MM-143	5035, 8015B	T	5.53 g	10 mL		10 mL		
460-32125-D-5	SO-17338-100511-MM-144	5035, 8015B	T	5.75 g	10 mL		10 mL		
460-32125-D-6	SO-17338-100511-MM-145	5035, 8015B	T	5.05 g	10 mL		10 mL		
460-32125-D-7	SO-17338-100511-MM-146	5035, 8015B	T	5.75 g	10 mL		10 mL		
460-32125-D-8	FB-17338-100511-MM-147	5035, 8015B	T	5.17 g	10 mL		10 mL		
460-32125-D-8 MS	FB-17338-100511-MM-147	5035, 8015B	T	5.22 g	10 mL	10 mL			
460-32125-D-8 MSD	FB-17338-100511-MM-147	5035, 8015B	T	5.71 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAGC3.1

Analytical Batch: /chem/VOAGC3.1/GROSOIL/06-07-11DE/07jun11DE.b

Date Generated: 09/07/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS/ANALYST
06/07/11 1754	ifid9101	1	IC-4		5	10	1	all			G
06/07/11 1819	ifid9102	1	BLANK		5	10	1	all			NOT USED
06/07/11 1843	ifid9103	1	BLANK		5	10	1	all			NOT USED
06/07/11 1907	ifid9104	1	IC-1		5	10	1	all			G
06/07/11 1932	ifid9105	1	IC-1		5	10	1	all			G
06/07/11 1956	ifid9106	1	IC-2		5	10	1	all			G
06/07/11 2020	ifid9107	1	IC-3		5	10	1	all			G
06/07/11 2045	ifid9108	1	IC-5		5	10	1	all			G

Signed: for Eddie Marlow Read and Understood by: MJG

Date: 9/7/11 Date: 9/7/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAGC3.i

Analytical Batch: /chem/VOAGC3.i/GROSOIL/06-07-11DE/18oct11DE.b

Date Generated: 10/19/2011

Page 1

Date	Data File	AUS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS/ANALYST
10/18/11 2056	ifid0758	1	CCV		5	10	1				GR
10/18/11 2203	ifid0760	1	LCS		5	10	50				GR
10/18/11 2228	ifid0761	1	MB		5	10	50				GR
10/18/11 2252	ifid0762	1	MB		5	10	50				GR
10/19/11 0118	ifid0768	1	460-32125-D-1-F	SO-17338-100511-MM-	5.15	10	50				GR
10/19/11 0143	ifid0769	1	460-32125-D-2-F	SO-17338-100511-MM-	5.75	10	50				GR
10/19/11 0207	ifid0770	1	460-32125-D-3-F	SO-17338-100511-MM-	5.77	10	50				GR
10/19/11 0231	ifid0771	1	460-32125-D-4-F	SO-17338-100511-MM-	5.53	10	50				GR
10/19/11 0256	ifid0772	1	460-32125-D-5-F	SO-17338-100511-MM-	5.75	10	50				GR
10/19/11 0320	ifid0773	1	460-32125-D-6-F	SO-17338-100511-MM-	5.05	10	50				GR
10/19/11 0344	ifid0774	1	460-32125-D-7-F	SO-17338-100511-MM-	5.75	10	50				GR
10/19/11 0409	ifid0775	1	460-32125-D-8-N	PB-17338-100511-MM-	5.17	10	50				GR
10/19/11 0433	ifid0776	1	460-32125-D-8-O MS	PB-17338-100511-MM-	5.22	10	50				GR
10/19/11 0458	ifid0777	1	460-32125-D-8-P MSD	PB-17338-100511-MM-	5.71	10	50				GR

Plutonium: (50x) → 1st sample → 50 ml under 7

Batch # 89982

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAGC3.i

Analytical Batch: /chem/VOAGC3.i/GROSOIL/06-07-11DE/18oct11DE.b

Date Generated: 10/19/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS/ANALYST
10/19/11 0522	ifid0778	1	CCV		~~10~~ 5	10	1	all			GA

Signed: [Signature] Read and Understood by: [Signature]

Date: 10/19/11 Date: 10/18/11

Method 8015B – DRO

Diesel Range Organics (DRO) (GC) by
Method 8015B

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	OTPH1 #
SO-17338-100511-MM-140	460-32125-1	99
SO-17338-100511-MM-141	460-32125-2	99
SO-17338-100511-MM-142	460-32125-3	93
SO-17338-100511-MM-143	460-32125-4	0 D X
SO-17338-100511-MM-144	460-32125-5	0 D X
SO-17338-100511-MM-145	460-32125-6	0 D X
SO-17338-100511-MM-146	460-32125-7	0 D X
FB-17338-100511-MM-147	460-32125-8	44
	MB 460-90025/1-A	101
	LCS 460-90025/2-A	117
FB-17338-100511-MM-147 MS	460-32125-8 MS	182 X
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	90

OTPH = o-Terphenyl

QC LIMITS
43-119

Column to be used to flag recovery values

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: gcf48220.d
Lab ID: LCS 460-90025/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel Range Organics [C10-C28]	167	183	110	62-116	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: gcf48221.d
Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel Range Organics [C10-C28]	167	25	170	87	62-116	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: gcf48222.d
Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Diesel Range Organics [C10-C28]	167	165	84	3	30	62-116	

Column to be used to flag recovery and RPD values

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: MB 460-90025/1-A
Matrix: Solid Date Extracted: 10/19/2011 10:29
Lab File ID: (1) gcf48219.d Lab File ID: (2) _____
Date Analyzed: (1) 10/24/2011 03:43 Date Analyzed: (2) _____
Instrument ID: (1) BNAGC1 Instrument ID: (2) _____
GC Column: (1) Rtx-5MS ID: 0.25(mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-90025/2-A	10/24/2011 03:58	
FB-17338-100511-MM-147 MS	460-32125-8 MS	10/24/2011 04:25	
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	10/24/2011 04:25	
SO-17338-100511-MM-140	460-32125-1	10/24/2011 04:52	
SO-17338-100511-MM-141	460-32125-2	10/24/2011 05:07	
SO-17338-100511-MM-142	460-32125-3	10/24/2011 05:19	
SO-17338-100511-MM-143	460-32125-4	10/24/2011 05:33	
SO-17338-100511-MM-144	460-32125-5	10/24/2011 05:45	
SO-17338-100511-MM-145	460-32125-6	10/24/2011 06:00	
SO-17338-100511-MM-146	460-32125-7	10/24/2011 06:14	
FB-17338-100511-MM-147	460-32125-8	10/24/2011 08:56	

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: gcf48223.d
Analysis Method: 8015B Date Collected: 10/05/2011 10:30
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.02(g) Date Analyzed: 10/24/2011 04:52
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 18.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	42		8.2	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		43-119

Data File: gcf48223.d
Report Date: 24-Oct-2011 22:18

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48223.d
Lab Smp Id: 460-32125-D-1-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 04:52
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-1-G
Misc Info : 460-32125-D-1-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 03:42 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	18.20276	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.842	2.447	1.395	28575512	521.298	42.4(M)
\$ 1 0-terphenyl (sur)	3.512	3.514	-0.002	1218857	19.7774	1.6(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48223.d

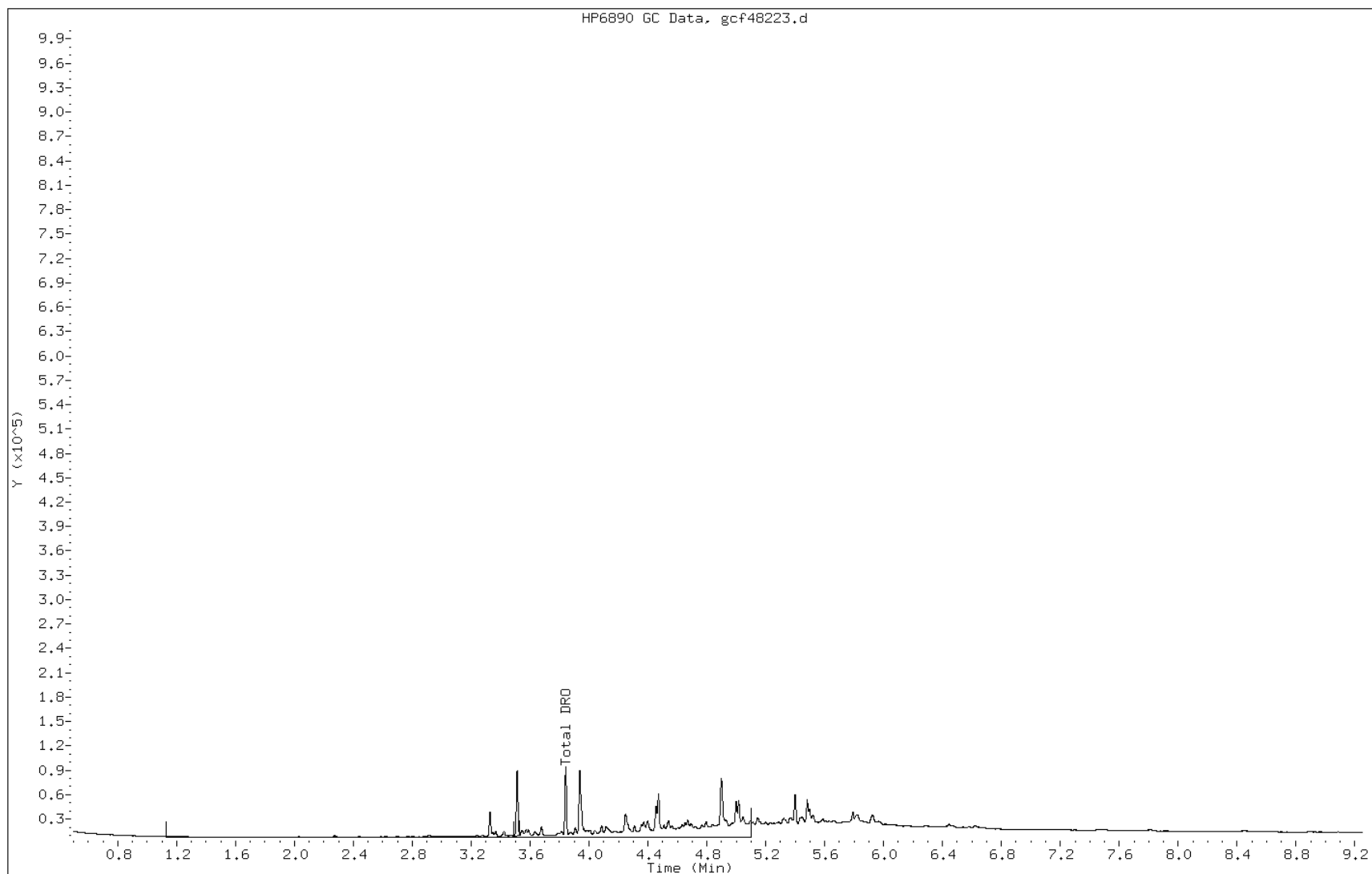
Date: 24-OCT-2011 04:52

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-1-G

Operator: 615



Manual Integration Report

Data File: gcf48223.d
Inj. Date and Time: 24-OCT-2011 04:52
Instrument ID: BNAGC1.i
Client ID: S0-17338-100511-MM-
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

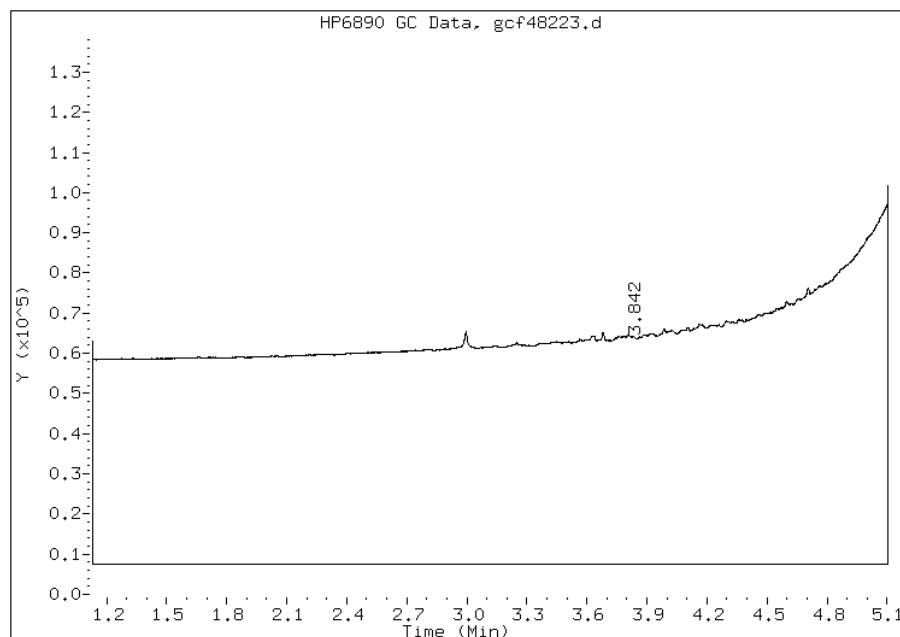
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 3.84
Response: 28575512
Amount: 521.30
Conc: 42.43



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48223.d
Inj. Date and Time: 24-OCT-2011 04:52
Instrument ID: BNAGC1.i
Client ID: SO-17338-100511-MM-
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

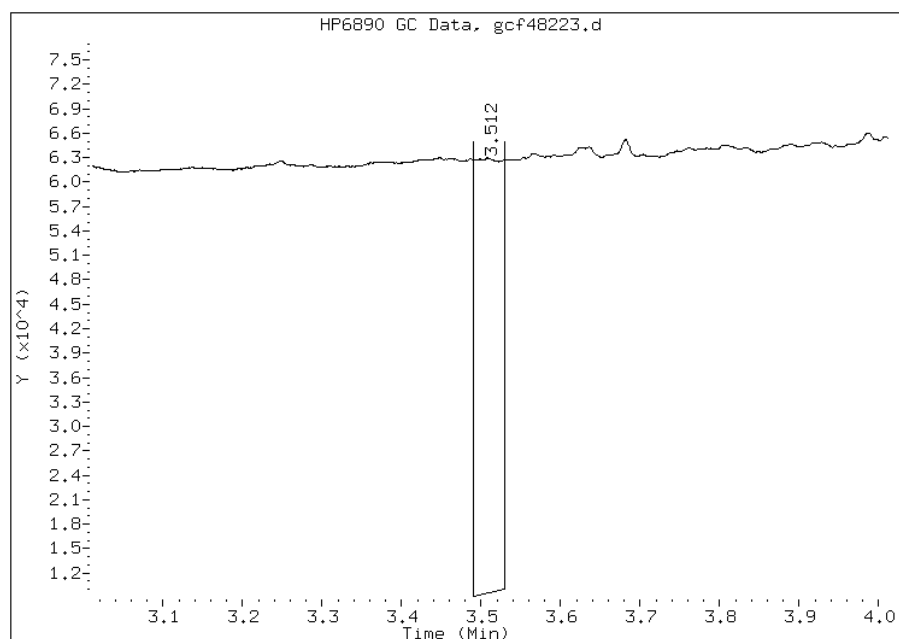
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1218857
Amount: 19.78
Conc: 1.61



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: gcf48224.d
Analysis Method: 8015B Date Collected: 10/05/2011 11:00
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.03(g) Date Analyzed: 10/24/2011 05:07
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 20.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	33		8.4	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		43-119

Data File: gcf48224.d
Report Date: 24-Oct-2011 22:19

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48224.d
Lab Smp Id: 460-32125-D-2-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 05:07
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-2-G
Misc Info : 460-32125-D-2-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 03:42 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 65
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	20.13129	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.938	2.447	1.491	21817709	398.016	33.2(M)
\$ 1 0-terphenyl (sur)	3.514	3.514	0.000	1214523	19.7070	1.6(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48224.d

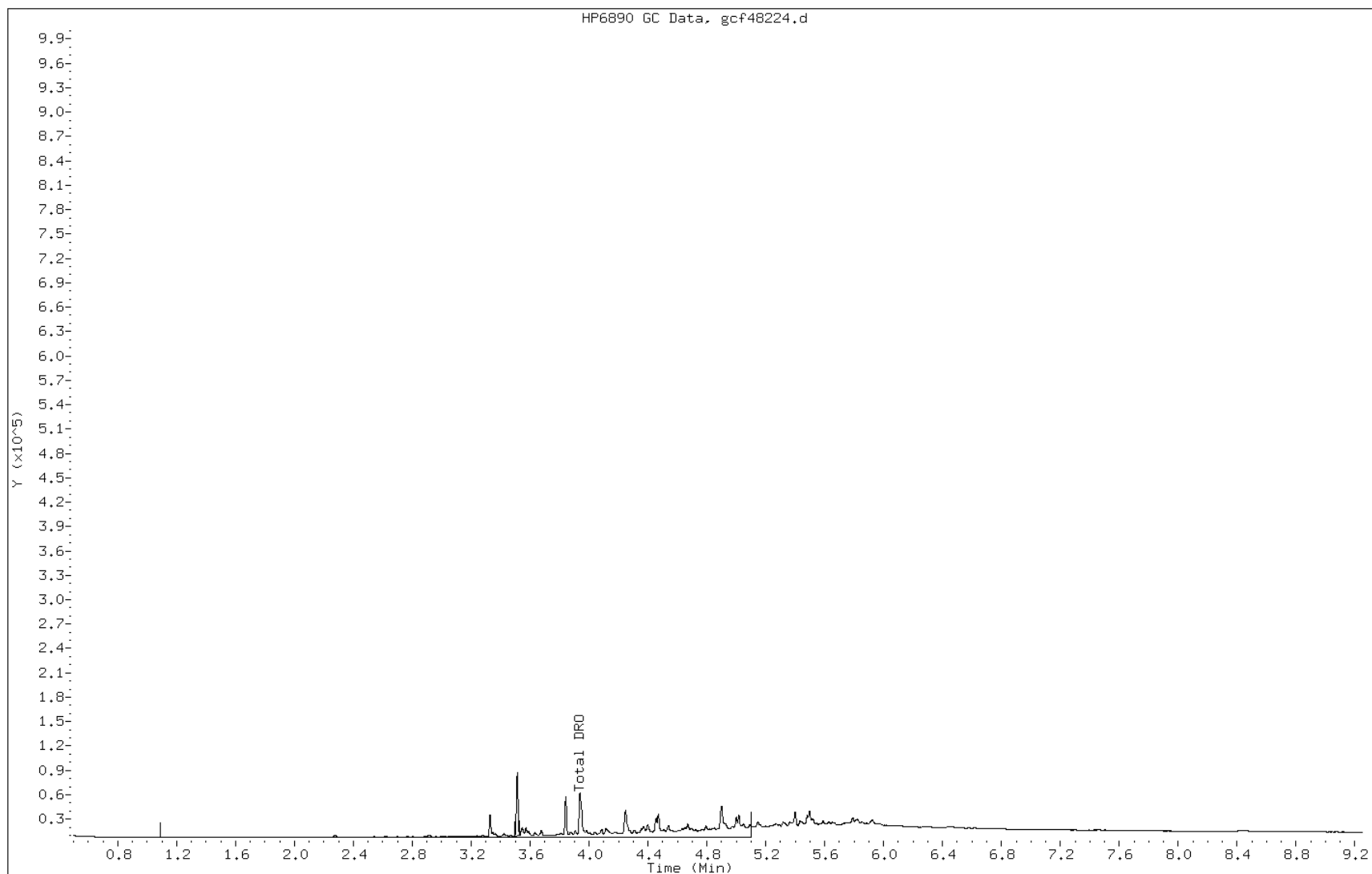
Date: 24-OCT-2011 05:07

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-2-G

Operator: 615



Manual Integration Report

Data File: gcf48224.d
Inj. Date and Time: 24-OCT-2011 05:07
Instrument ID: BNAGC1.i
Client ID: SO-17338-100511-MM-
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

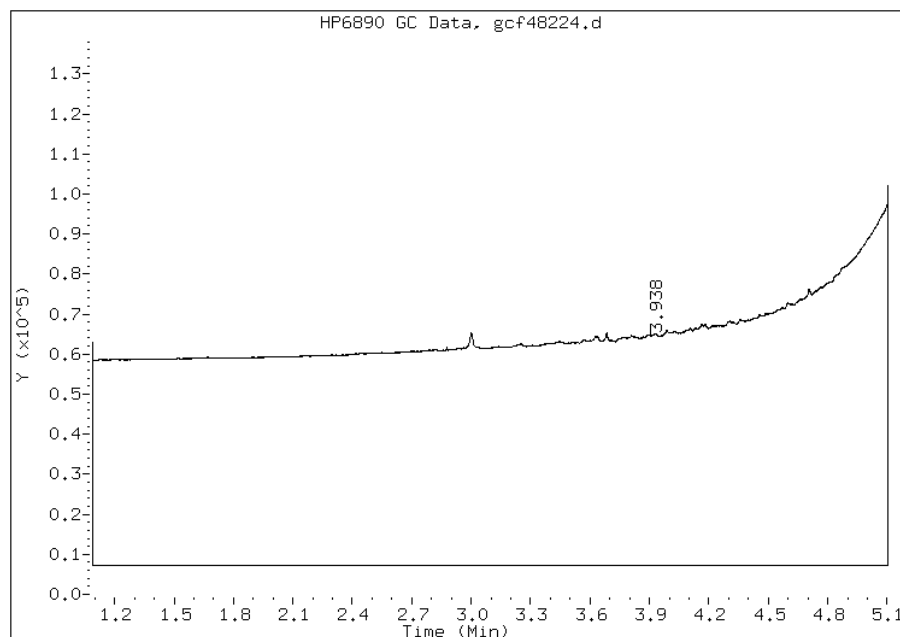
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 3.94
Response: 21817709
Amount: 398.02
Conc: 33.16



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48224.d
Inj. Date and Time: 24-OCT-2011 05:07
Instrument ID: BNAGC1.i
Client ID: S0-17338-100511-MM-
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

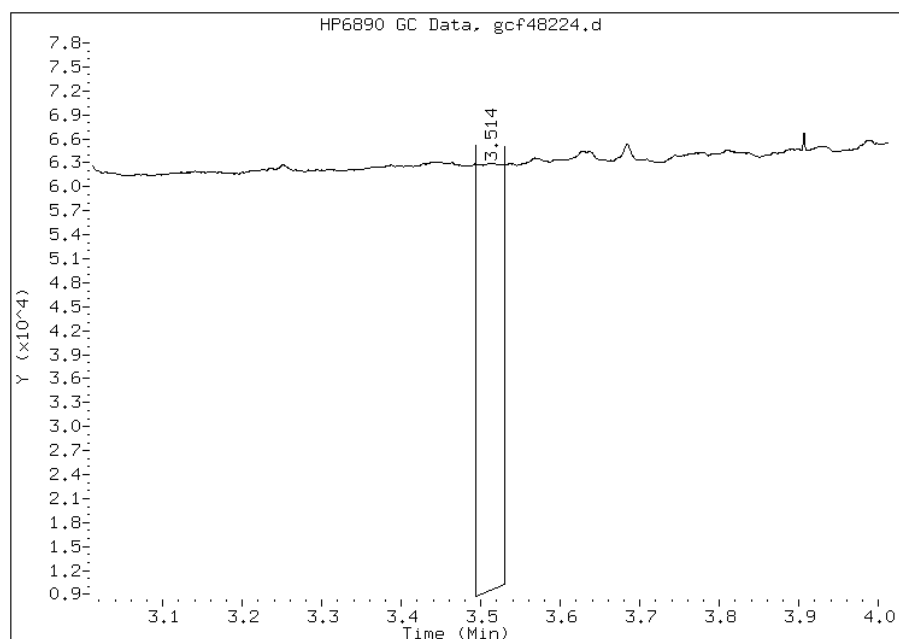
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1214523
Amount: 19.71
Conc: 1.64



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: gcf48225.d
Analysis Method: 8015B Date Collected: 10/05/2011 11:30
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.01(g) Date Analyzed: 10/24/2011 05:19
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 18.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	41		8.2	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		43-119

Data File: gcf48225.d
Report Date: 24-Oct-2011 22:19

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48225.d
Lab Smp Id: 460-32125-D-3-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 05:19
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-3-G
Misc Info : 460-32125-D-3-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 03:42 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $Amt * DF * Uf * Vt / (Ws * (100 - M) / 100) * CpndVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	18.46154	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/ml)	(mg/Kg)
2 Total DRO	4.923	2.447	2.476	27495570	501.596	41.0(M)
\$ 1 0-terphenyl (sur)	3.514	3.514	0.000	1143388	18.5528	1.5(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48225.d

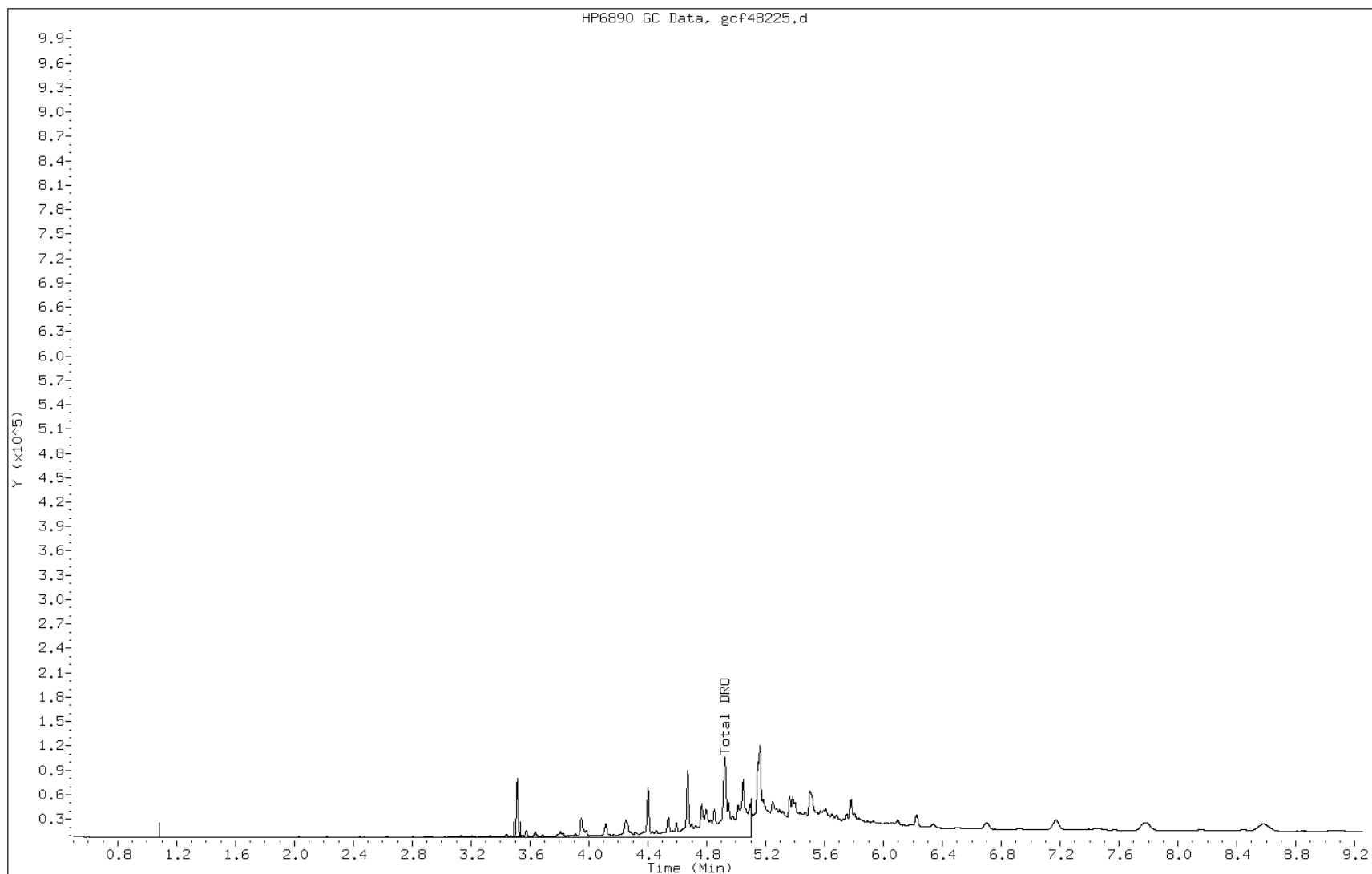
Date: 24-OCT-2011 05:19

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-3-G

Operator: 615



Manual Integration Report

Data File: gcf48225.d
Inj. Date and Time: 24-OCT-2011 05:19
Instrument ID: BNAGC1.i
Client ID: S0-17338-100511-MM-
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

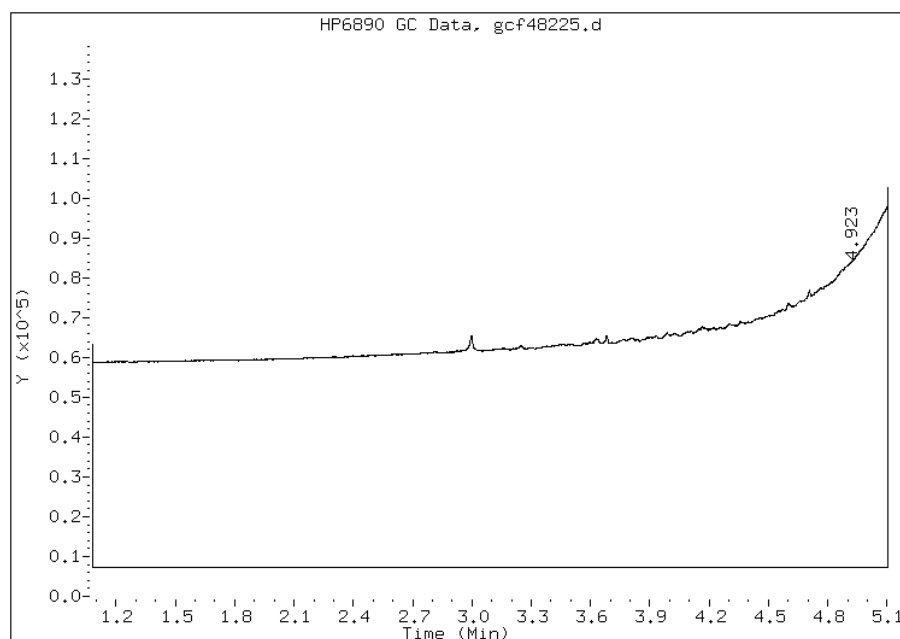
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 4.92
Response: 27495570
Amount: 501.60
Conc: 40.98



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48225.d
Inj. Date and Time: 24-OCT-2011 05:19
Instrument ID: BNAGC1.i
Client ID: S0-17338-100511-MM-
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

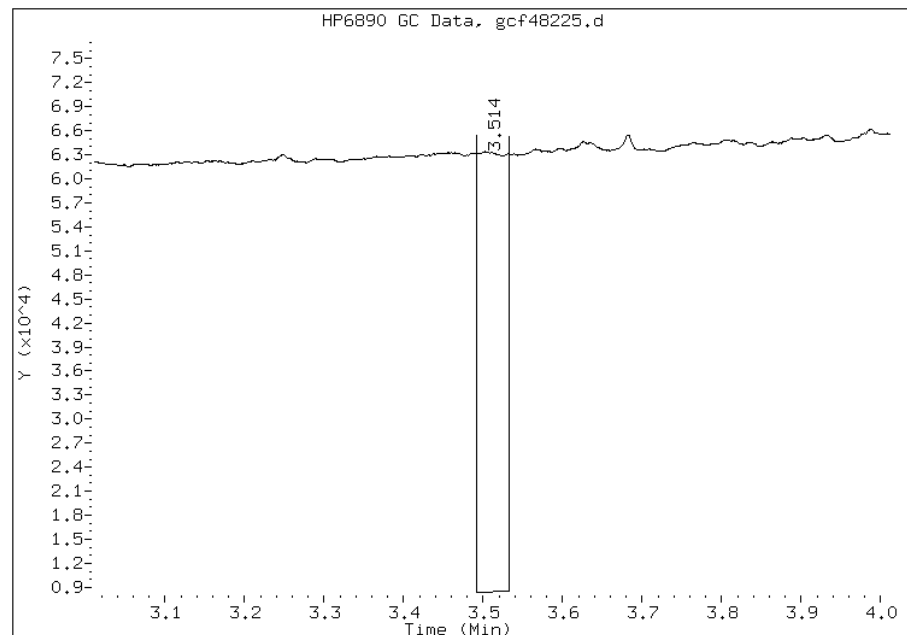
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1143388
Amount: 18.55
Conc: 1.52



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: gcf48226.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:15
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.02(g) Date Analyzed: 10/24/2011 05:33
Con. Extract Vol.: 1(mL) Dilution Factor: 100
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 57.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	7400		1600	1600

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	43-119

Data File: gcf48226.d
Report Date: 24-Oct-2011 22:30

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48226.d
Lab Smp Id: 460-32125-D-4-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 05:33
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-4-G
Misc Info : 460-32125-D-4-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 67
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	100.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	57.41176	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.117	1.262	1.855	26079764	475.768	7440
\$ 1 0-terphenyl (sur)	Compound Not Detected.					

Data File: gcf48226.d

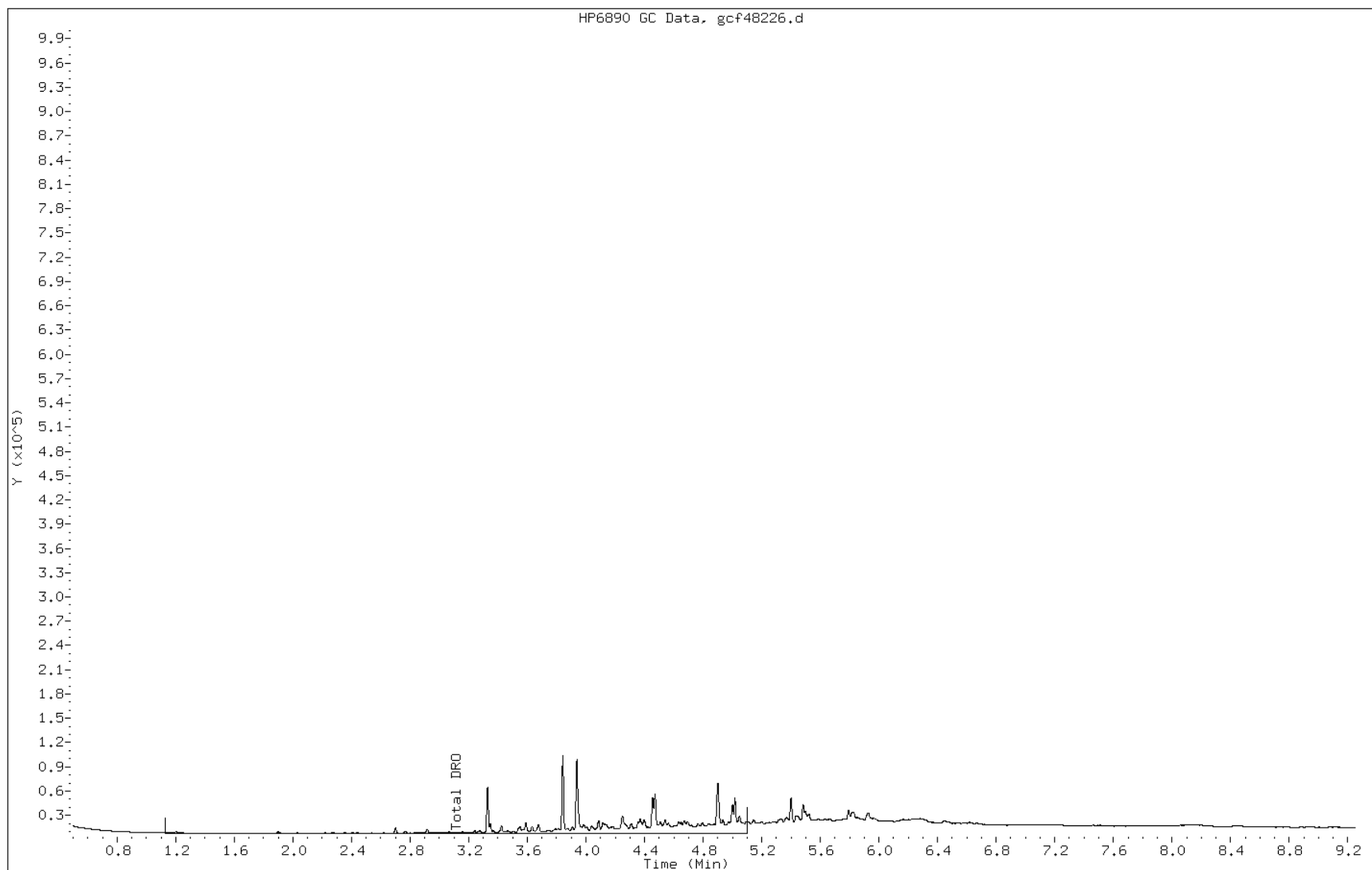
Date: 24-OCT-2011 05:33

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-4-G

Operator: 615



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: gcf48227.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:30
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.01(g) Date Analyzed: 10/24/2011 05:45
Con. Extract Vol.: 1(mL) Dilution Factor: 50
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 67.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	3600		1000	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	43-119

Data File: gcf48227.d
Report Date: 24-Oct-2011 22:30

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48227.d
Lab Smp Id: 460-32125-D-5-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 05:45
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-5-G
Misc Info : 460-32125-D-5-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 68
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	67.67677	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds					CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.116	1.262	1.854	18993129	346.488	3570
\$ 1 O-terphenyl (sur)	Compound Not Detected.					

Data File: gcf48227.d

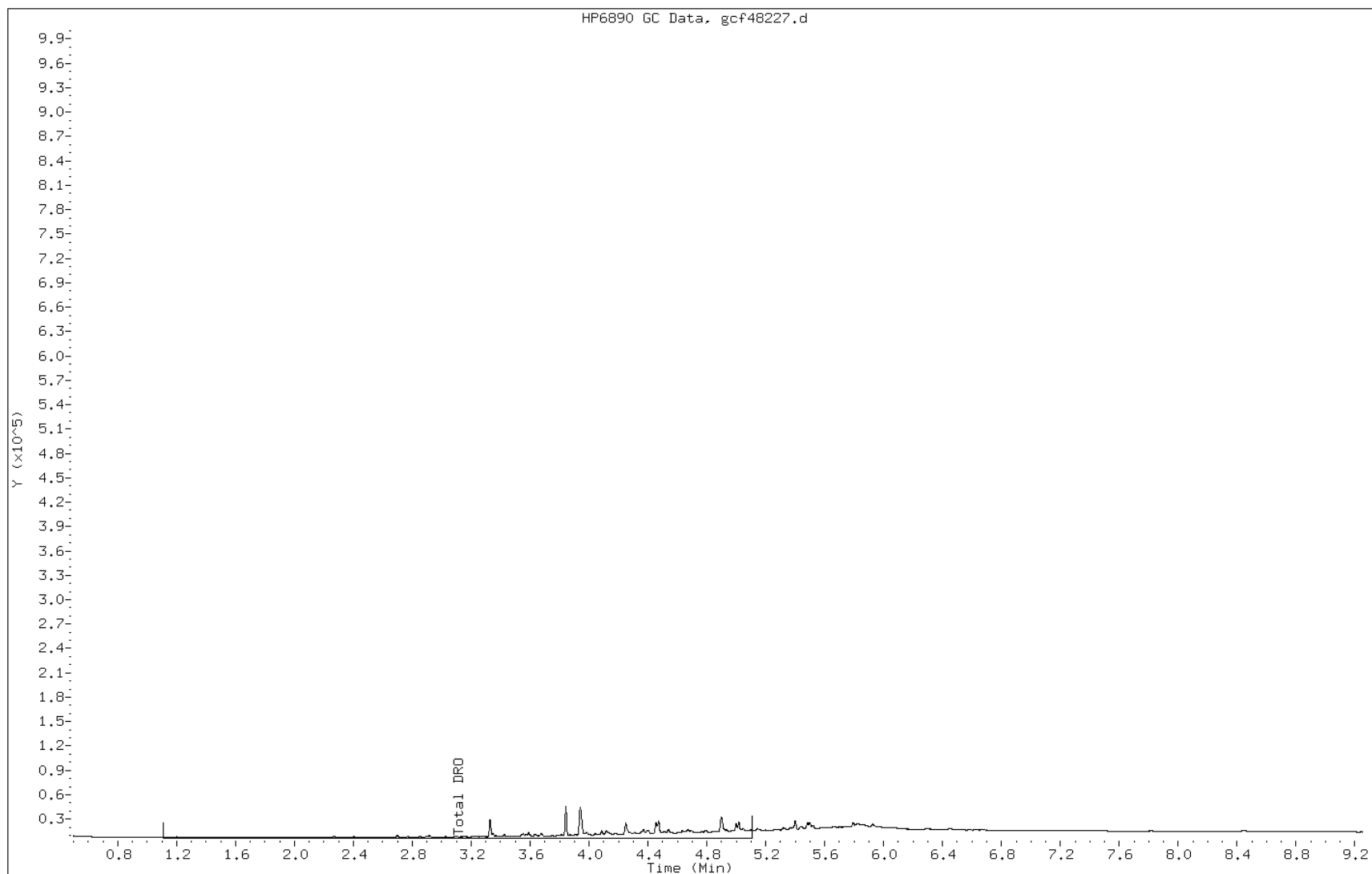
Date: 24-OCT-2011 05:45

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-5-G

Operator: 615



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: gcf48228.d
Analysis Method: 8015B Date Collected: 10/05/2011 12:50
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.03(g) Date Analyzed: 10/24/2011 06:00
Con. Extract Vol.: 1(mL) Dilution Factor: 10
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 30.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	690		96	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	43-119

Data File: gcf48228.d
Report Date: 24-Oct-2011 22:30

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48228.d
Lab Smp Id: 460-32125-D-6-G Client Smp ID: SO-17338-100511-MM-
Inj Date : 24-OCT-2011 06:00
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-6-G
Misc Info : 460-32125-D-6-G
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 69
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	30.04695	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds						CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE		ON-COLUMN	FINAL
						(ug/ml)	(mg/Kg)
2 Total DRO	3.116	1.262	1.854	39682752		723.925	688
\$ 1 O-terphenyl (sur)	Compound Not Detected.						

Data File: gcf48228.d

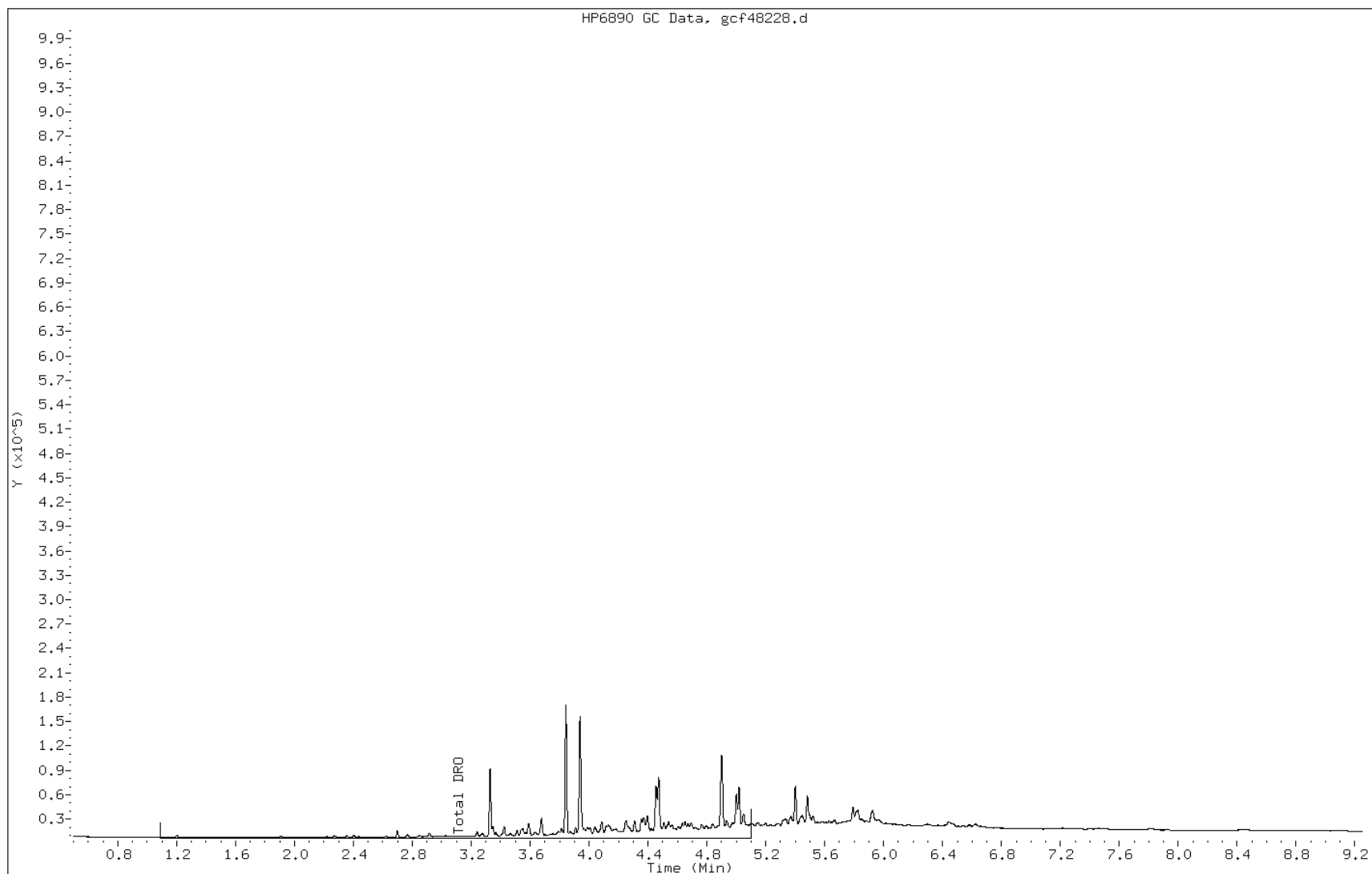
Date: 24-OCT-2011 06:00

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-6-G

Operator: 615



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: gcf48229.d
Analysis Method: 8015B Date Collected: 10/05/2011 13:15
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.00(g) Date Analyzed: 10/24/2011 06:14
Con. Extract Vol.: 1(mL) Dilution Factor: 10
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 20.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	310		84	84

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	43-119

Data File: gcf48229.d
 Report Date: 24-Oct-2011 22:30

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48229.d
 Lab Smp Id: 460-32125-D-7-G Client Smp ID: SO-17338-100511-MM-
 Inj Date : 24-OCT-2011 06:14
 Operator : 615 Inst ID: BNAGC1.i
 Smp Info : 460-32125-D-7-G
 Misc Info : 460-32125-D-7-G
 Comment :
 Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
 Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
 Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
 Als bottle: 70
 Dil Factor: 10.00000
 Integrator: HP Genie Compound Sublist: MWDRO.sub
 Target Version: 3.50
 Processing Host: hpd3

Concentration Formula: $Amt * DF * Uf * Vt / (Ws * (100 - M) / 100) * CpndVariable$

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	20.68127	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.117	1.262	1.855	19903772	363.101	305
\$ 1 O-terphenyl (sur)	Compound Not Detected.					

Data File: gcf48229.d

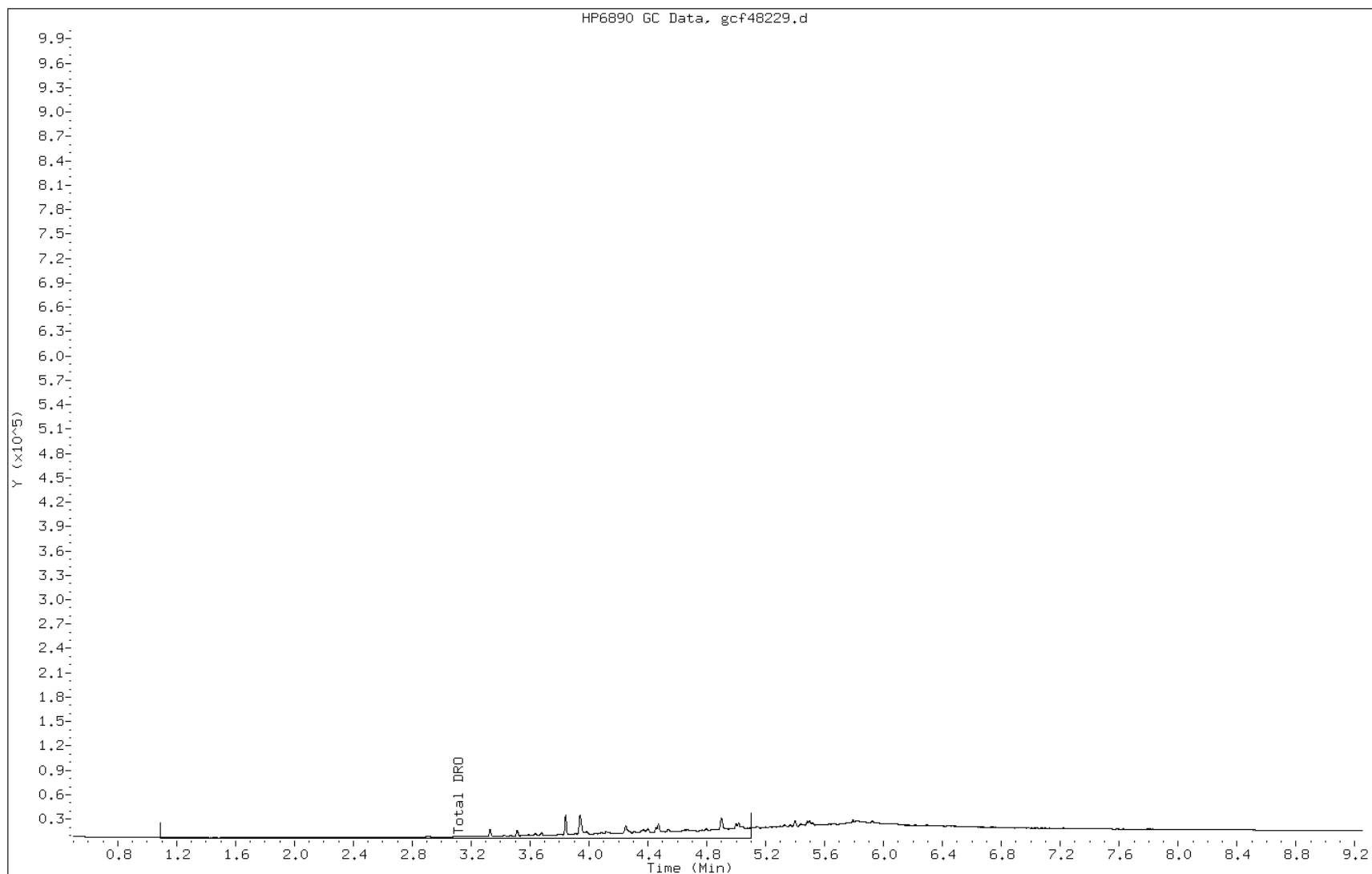
Date: 24-OCT-2011 06:14

Client ID: S0-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-7-G

Operator: 615



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: gcf48230.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.01(g) Date Analyzed: 10/24/2011 08:56
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	25		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	44		43-119

Data File: gcf48230.d
Report Date: 24-Oct-2011 22:22

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48230.d
Lab Smp Id: 460-32125-D-8-S Client Smp ID: FB-17338-100511-MM-
Inj Date : 24-OCT-2011 08:56
Operator : 615 Inst ID: BNAGC1.i
Smp Info : 460-32125-D-8-S
Misc Info : 460-32125-D-8-S
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 03:42 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWDRO.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $Amt * DF * Uf * Vt / (Ws * (100 - M) / 100) * CpndVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds						CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE		ON-COLUMN (ug/ml)	FINAL (mg/Kg)
=====	==	=====	=====	=====		=====	=====
2 Total DRO	3.945	2.447	1.498	20214190		368.764	24.6(M)
\$ 1 0-terphenyl (sur)	3.508	3.514	-0.006	541331		8.78372	0.58(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48230.d

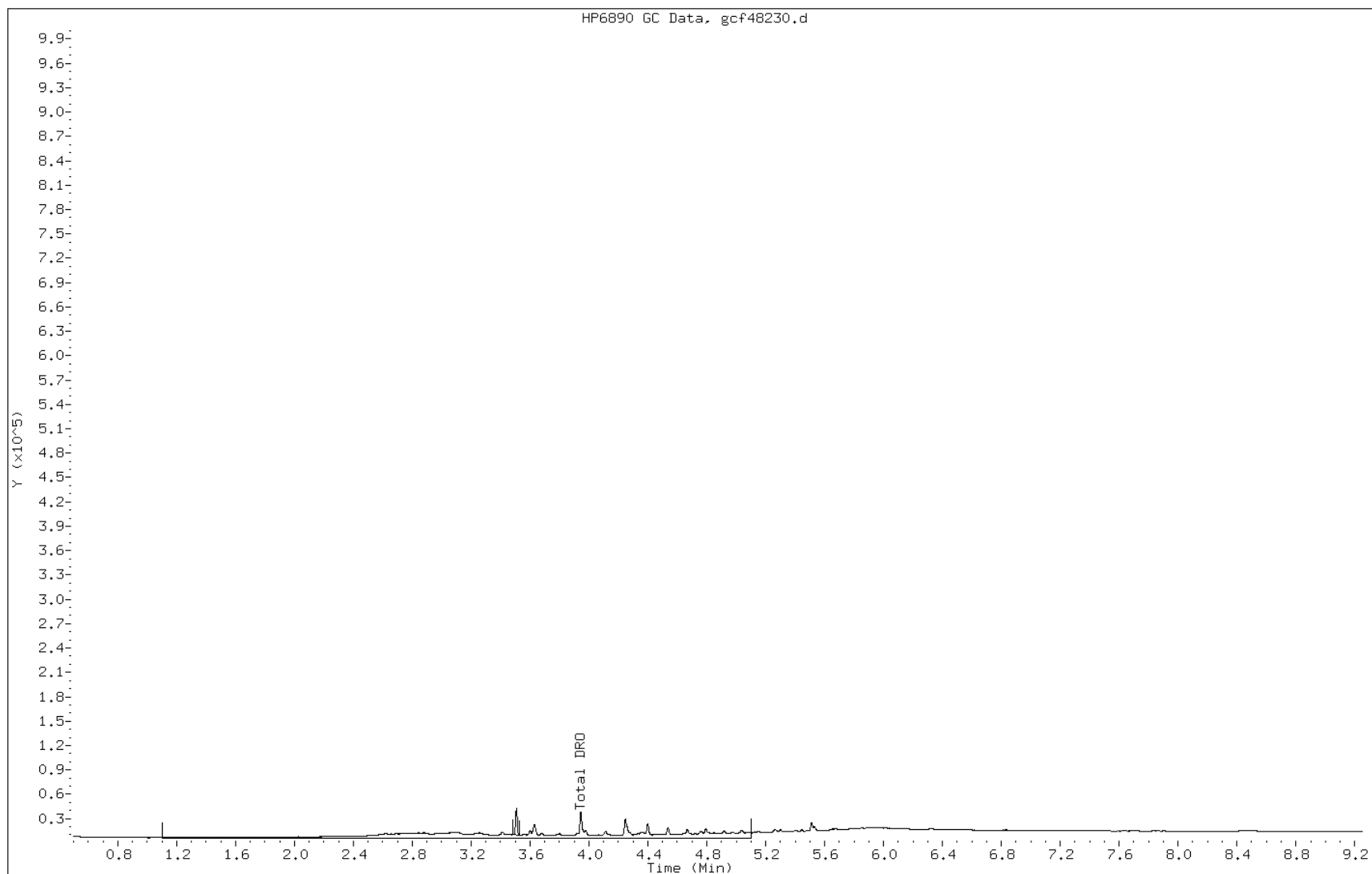
Date: 24-OCT-2011 08:56

Client ID: FB-17338-100511-MM-

Instrument: BNAGC1.i

Sample Info: 460-32125-D-8-S

Operator: 615



Manual Integration Report

Data File: gcf48230.d
Inj. Date and Time: 24-OCT-2011 08:56
Instrument ID: BNAGC1.i
Client ID: FB-17338-100511-MM-
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

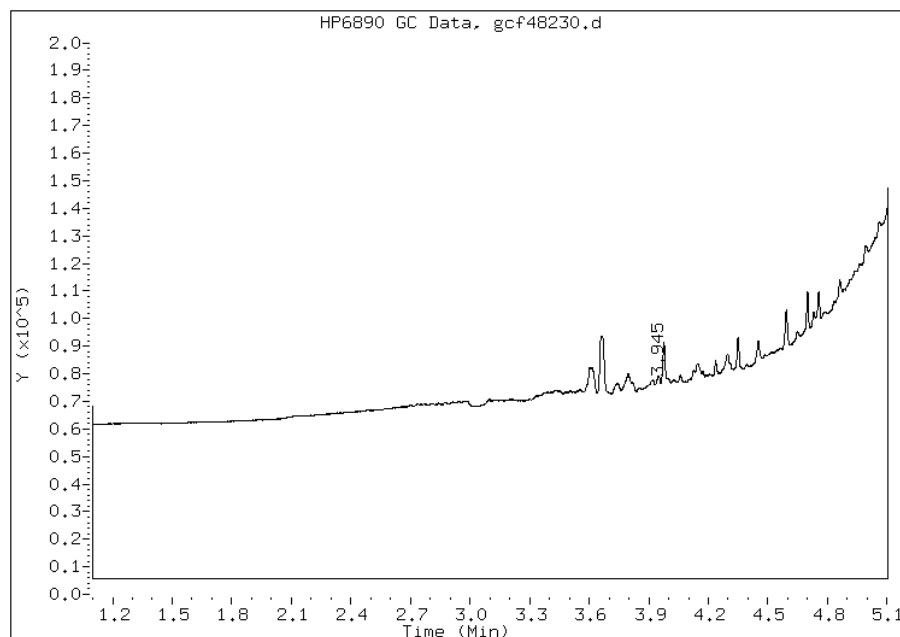
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 3.94
Response: 20214190
Amount: 368.76
Conc: 24.57



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48230.d
Inj. Date and Time: 24-OCT-2011 08:56
Instrument ID: BNAGC1.i
Client ID: FB-17338-100511-MM-
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

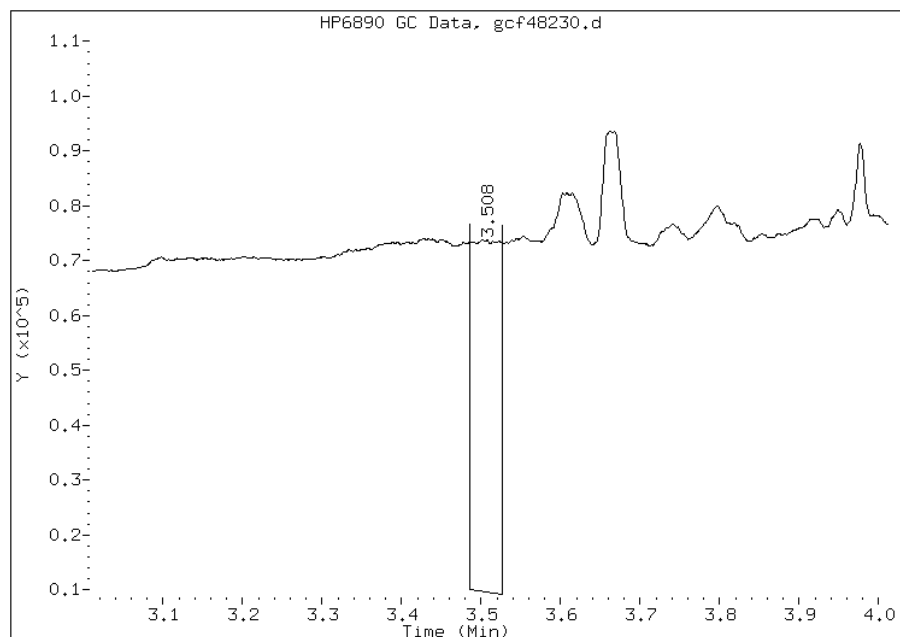
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 541331
Amount: 8.78
Conc: 0.59



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 90459

SDG No.: _____

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2011 22:59 Calibration End Date: 10/23/2011 23:54 Calibration ID: 12756

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-90459/4	gcf48199.d
Level 2	IC 460-90459/5	gcf48200.d
Level 3	IC 460-90459/6	gcf48201.d
Level 4	IC 460-90459/7	gcf48202.d
Level 5	IC 460-90459/8	gcf48203.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10-C28]	2.896	1.261	3.289	2.895	2.449						0.000 - 32.448	2.558
o-Terphenyl	3.515	3.515	3.514	3.515	3.514						3.413 - 3.613	3.515

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 90459

SDG No.: _____

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2011 22:59 Calibration End Date: 10/23/2011 23:54 Calibration ID: 12756

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-90459/4	gcf48199.d
Level 2	IC 460-90459/5	gcf48200.d
Level 3	IC 460-90459/6	gcf48201.d
Level 4	IC 460-90459/7	gcf48202.d
Level 5	IC 460-90459/8	gcf48203.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10-C28]	51567 55623	56745	54524	55623	Ave		54816.1161				3.6		20.0			
o-Terphenyl	61516 61243	61696	61808	61882	Ave		61628.9460				0.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 90459

SDG No.: _____

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2011 22:59 Calibration End Date: 10/23/2011 23:54 Calibration ID: 12756

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-90459/4	gcf48199.d
Level 2	IC 460-90459/5	gcf48200.d
Level 3	IC 460-90459/6	gcf48201.d
Level 4	IC 460-90459/7	gcf48202.d
Level 5	IC 460-90459/8	gcf48203.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10-C28]	Ave	5156686	28372345	54523686	139057033	278112656	100	500	1000	2500	5000
o-Terphenyl	Ave	307579	616959	1236165	3094101	6124276	5.00	10.0	20.0	50.0	100

Curve Type Legend:

Ave = Average

Data File: gcf48199.d
Report Date: 23-Oct-2011 23:19

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48199.d
Lab Smp Id: SGC28L1_00008
Inj Date : 23-OCT-2011 22:59
Operator : 615
Smp Info : SGC28L1_00008
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 23-Oct-2011 23:19 diazc
Cal Date : 23-OCT-2011 22:59
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48199.d
Calibration Sample, Level: 1
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	2.896	2.896	0.000	5156686	100.000	179(M)
\$ 1 0-terphenyl (sur)	3.515	3.515	0.000	307579	5.00000	8.9(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48199.d

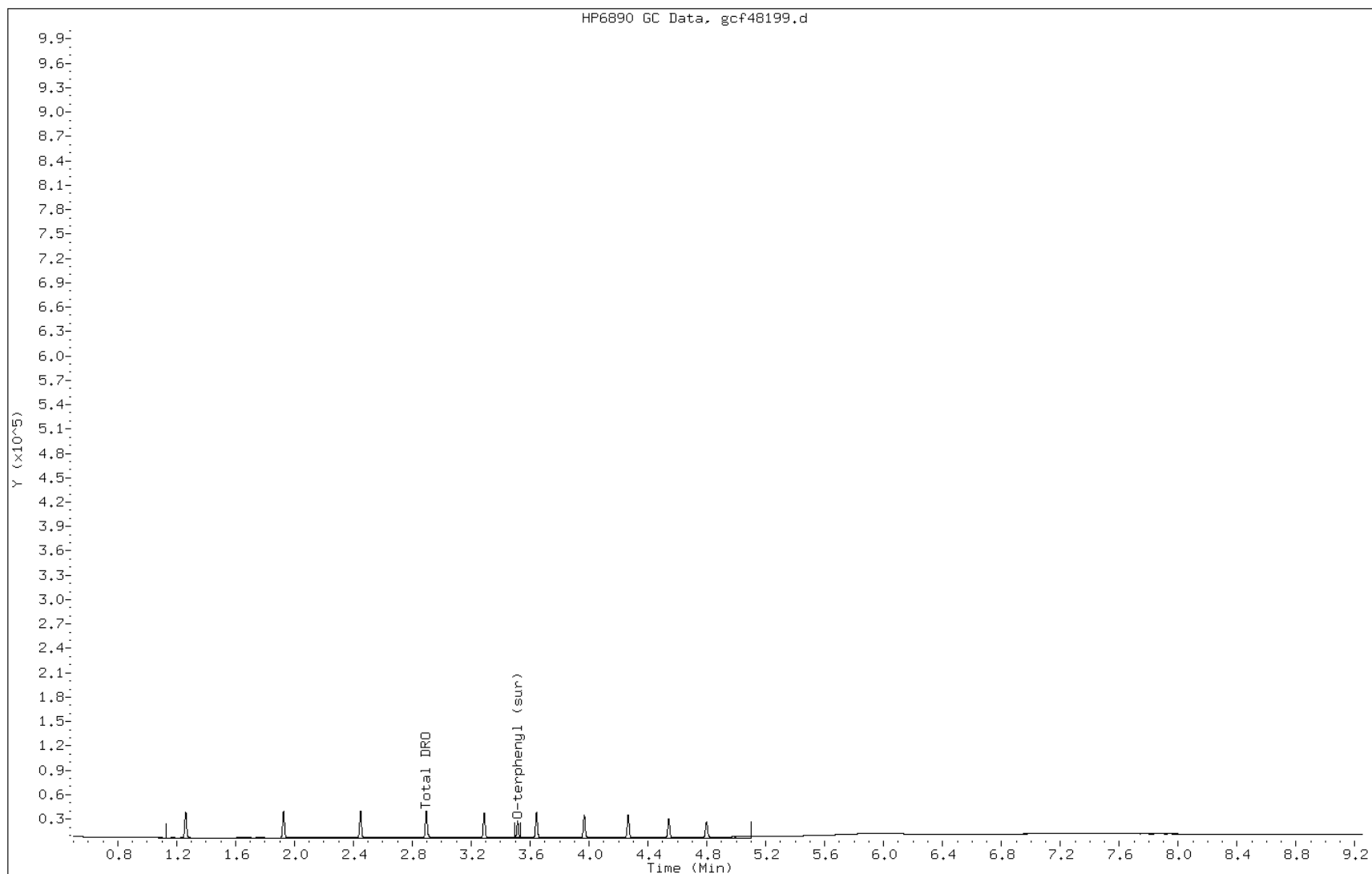
Date: 23-OCT-2011 22:59

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L1_00008

Operator: 615



Manual Integration Report

Data File: gcf48199.d
Inj. Date and Time: 23-OCT-2011 22:59
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

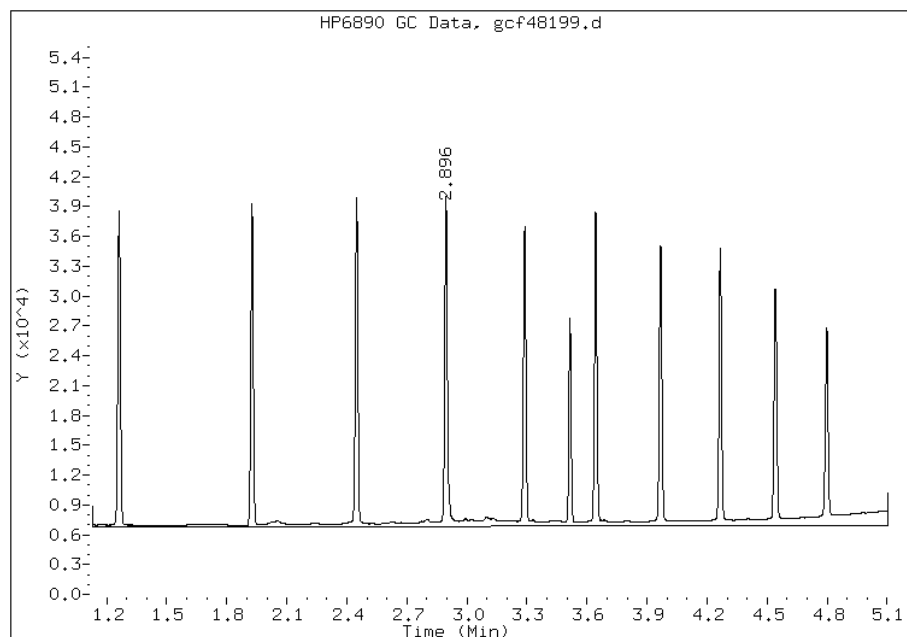
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 2.90
Response: 5156686
Amount: 179.14
Conc: 179.14



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48199.d
Inj. Date and Time: 23-OCT-2011 22:59
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

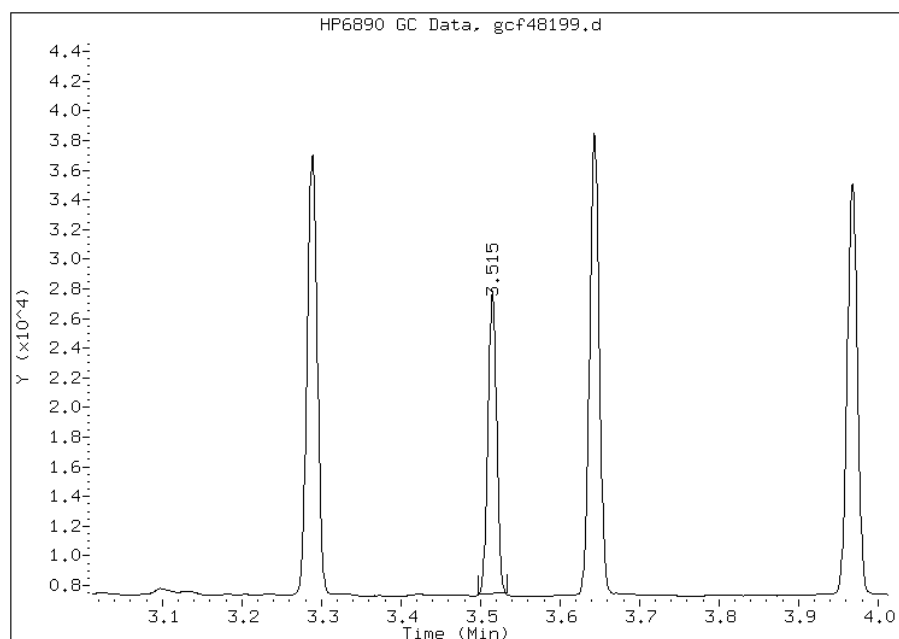
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.52
Response: 307579
Amount: 8.94
Conc: 8.94



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Data File: gcf48200.d
Report Date: 23-Oct-2011 23:20

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48200.d
Lab Smp Id: SGC28L2_00010
Inj Date : 23-OCT-2011 23:13
Operator : 615
Smp Info : SGC28L2_00010
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 23-Oct-2011 23:19 diazc
Cal Date : 23-OCT-2011 23:13
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3
Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48200.d
Calibration Sample, Level: 2
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	1.261	1.261	0.000	28372345	500.000	792(M)
\$ 1 0-terphenyl (sur)	3.515	3.515	0.000	616959	10.0000	14.9(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48200.d

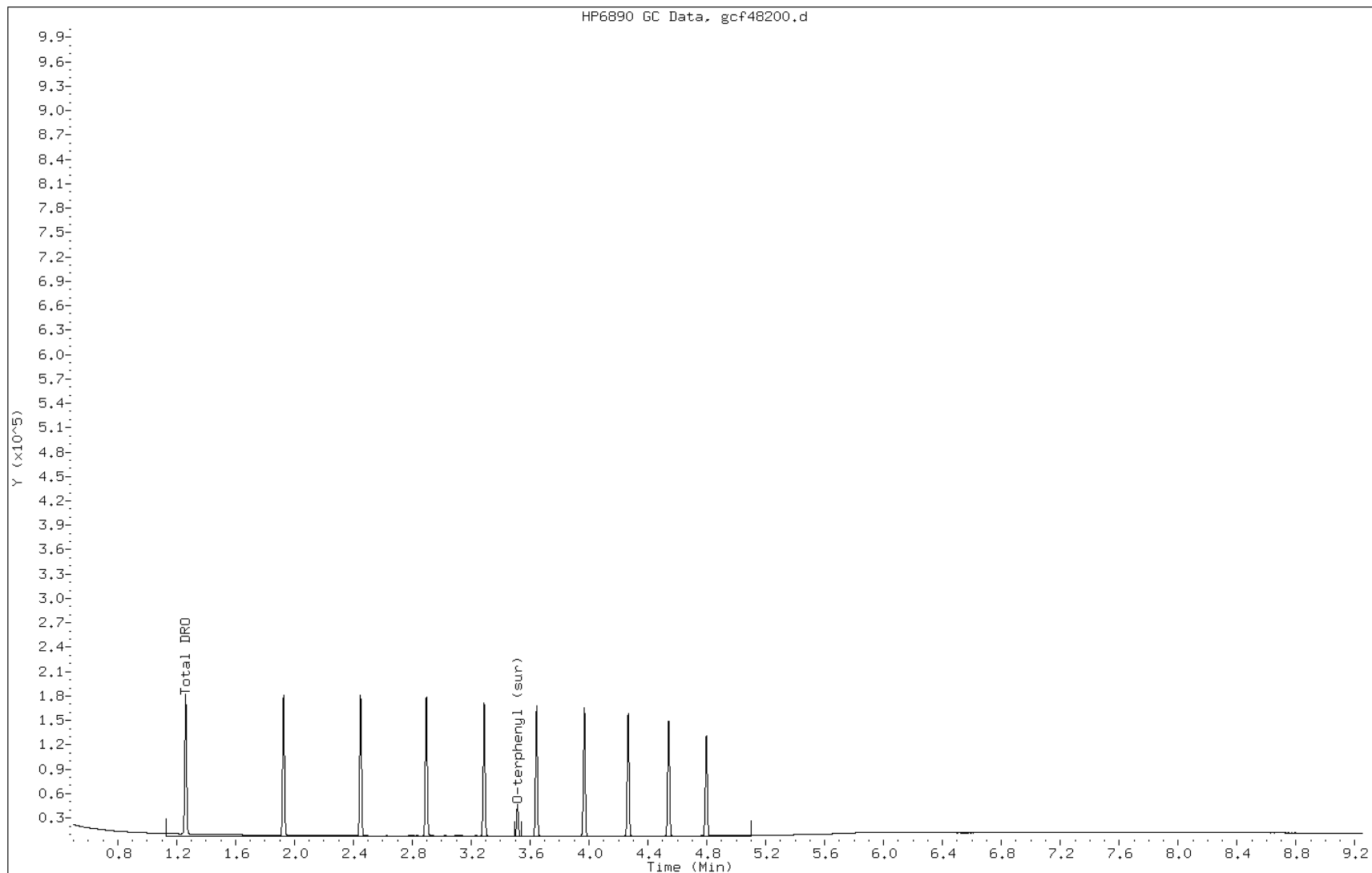
Date: 23-OCT-2011 23:13

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L2_00010

Operator: 615



Manual Integration Report

Data File: gcf48200.d
Inj. Date and Time: 23-OCT-2011 23:13
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

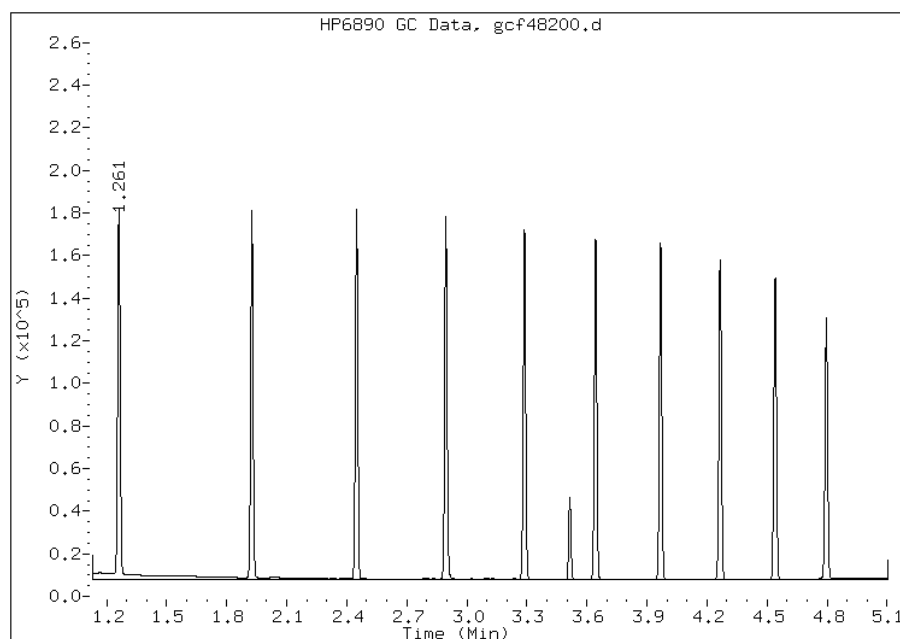
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 1.26
Response: 28372345
Amount: 791.63
Conc: 791.63



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48200.d
Inj. Date and Time: 23-OCT-2011 23:13
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

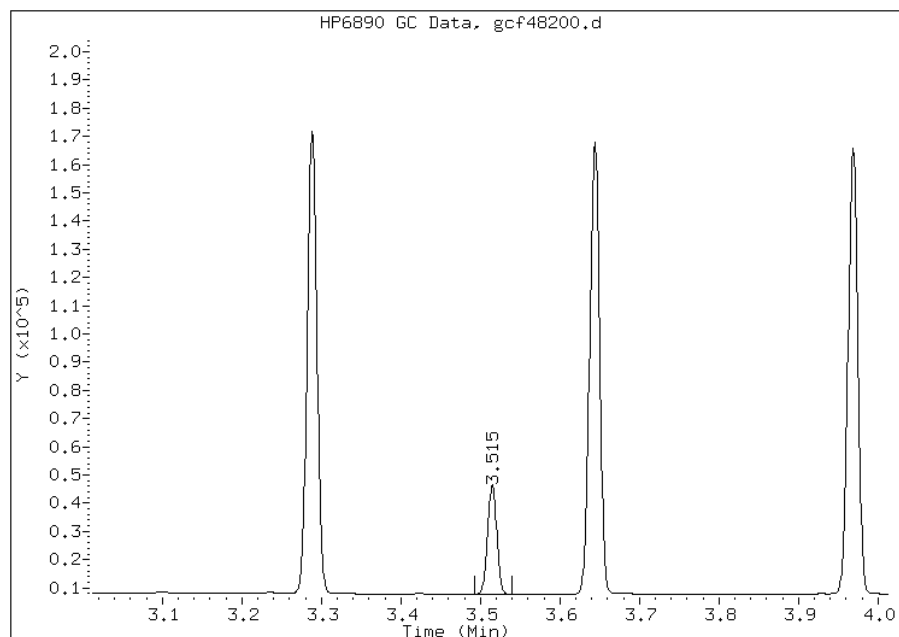
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.52
Response: 616959
Amount: 14.89
Conc: 14.89



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Data File: gcf48201.d
Report Date: 24-Oct-2011 00:06

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48201.d
Lab Smp Id: SGC28L3_00008
Inj Date : 23-OCT-2011 23:28
Operator : 615
Smp Info : SGC28L3_00008
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 00:06 diazc
Cal Date : 23-OCT-2011 23:28
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3
Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48201.d
Calibration Sample, Level: 3
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	3.289	3.289	0.000	54523686	1000.00	1120(M)
\$ 1 0-terphenyl (sur)	3.514	3.514	0.000	1236165	20.0000	22.5(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48201.d

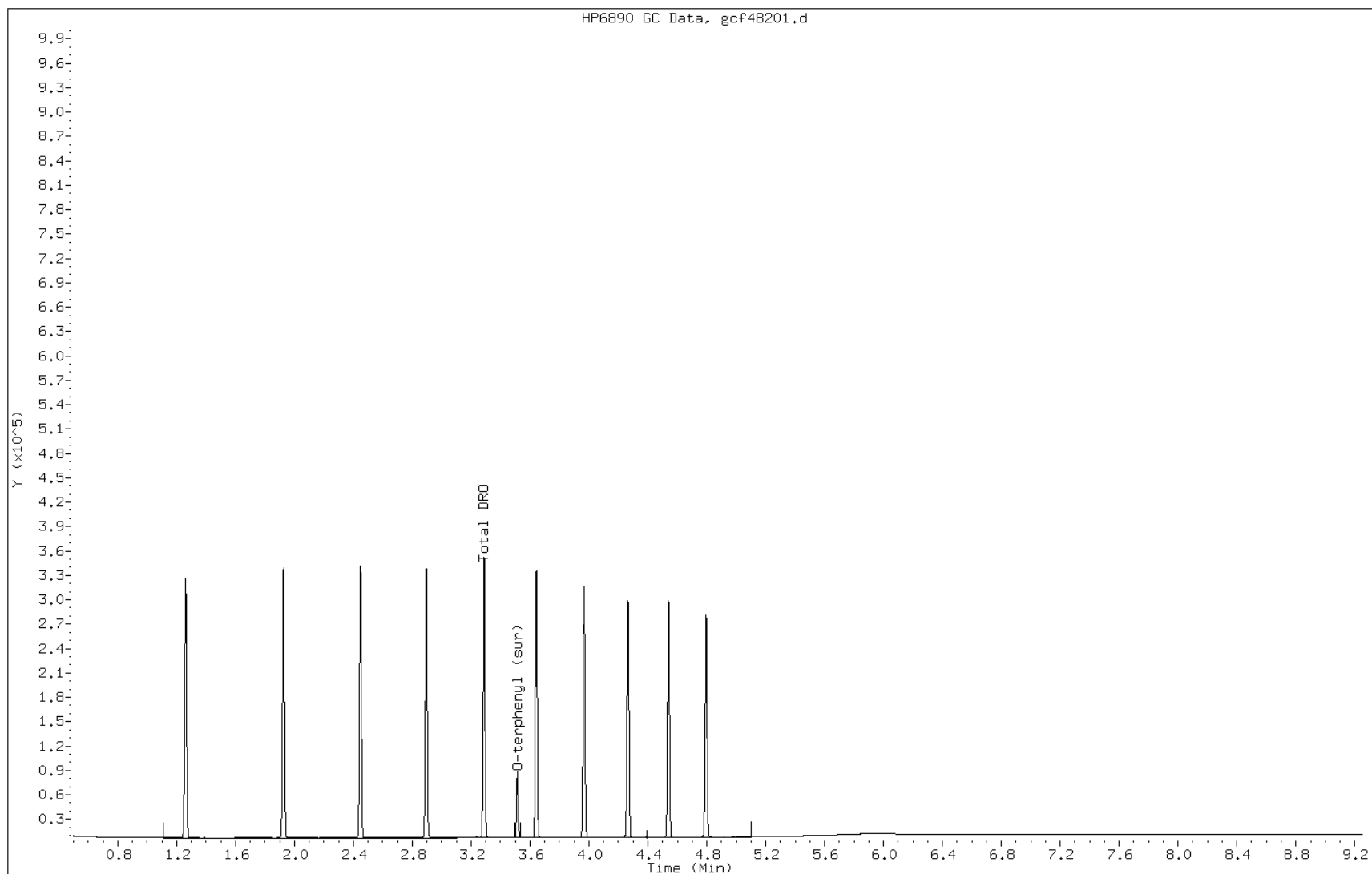
Date: 23-OCT-2011 23:28

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L3_00008

Operator: 615



Manual Integration Report

Data File: gcf48201.d
Inj. Date and Time: 23-OCT-2011 23:28
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

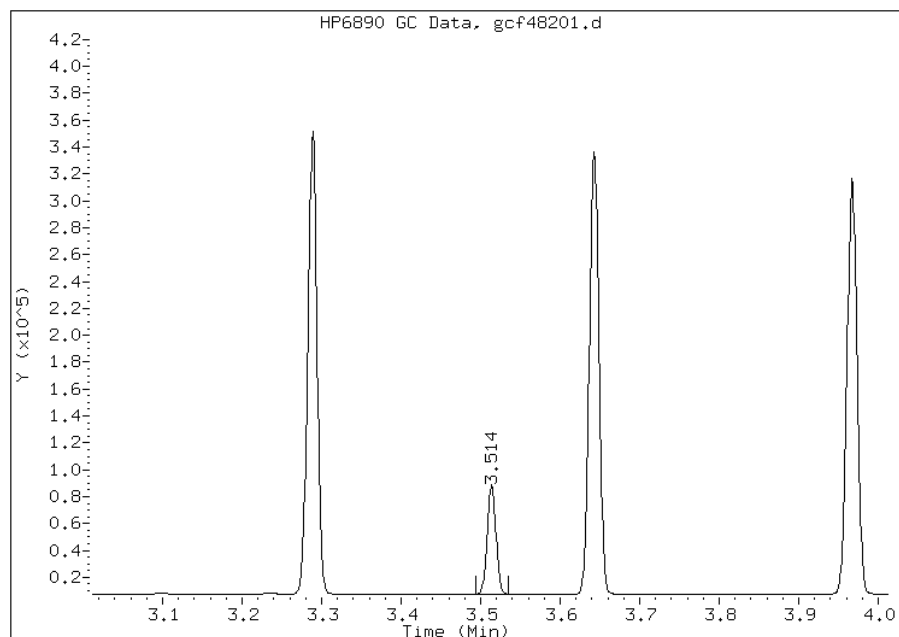
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1236165
Amount: 22.49
Conc: 22.49



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48201.d
Inj. Date and Time: 23-OCT-2011 23:28
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

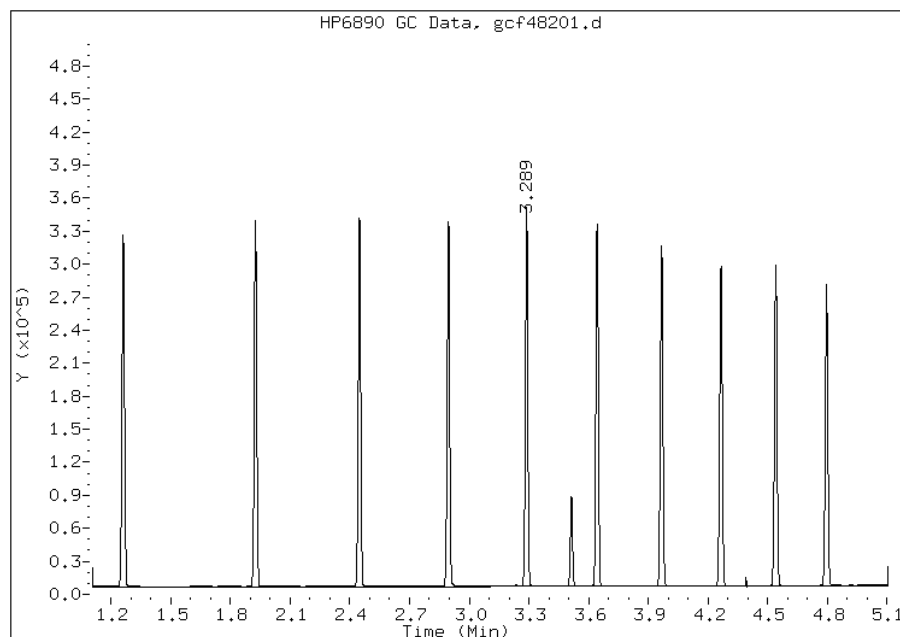
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 3.29
Response: 54523686
Amount: 1124.38
Conc: 1124.38



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Data File: gcf48202.d
Report Date: 24-Oct-2011 00:06

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48202.d
Lab Smp Id: SGC28L4_00008
Inj Date : 23-OCT-2011 23:39
Operator : 615
Smp Info : SGC28L4_00008
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 00:06 diazc
Cal Date : 23-OCT-2011 23:39
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3
Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48202.d
Calibration Sample, Level: 4
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	2.895	2.895	0.000	139057033	2500.00	2840(M)
\$ 1 0-terphenyl (sur)	3.515	3.515	0.000	3094101	50.0000	56.3(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48202.d

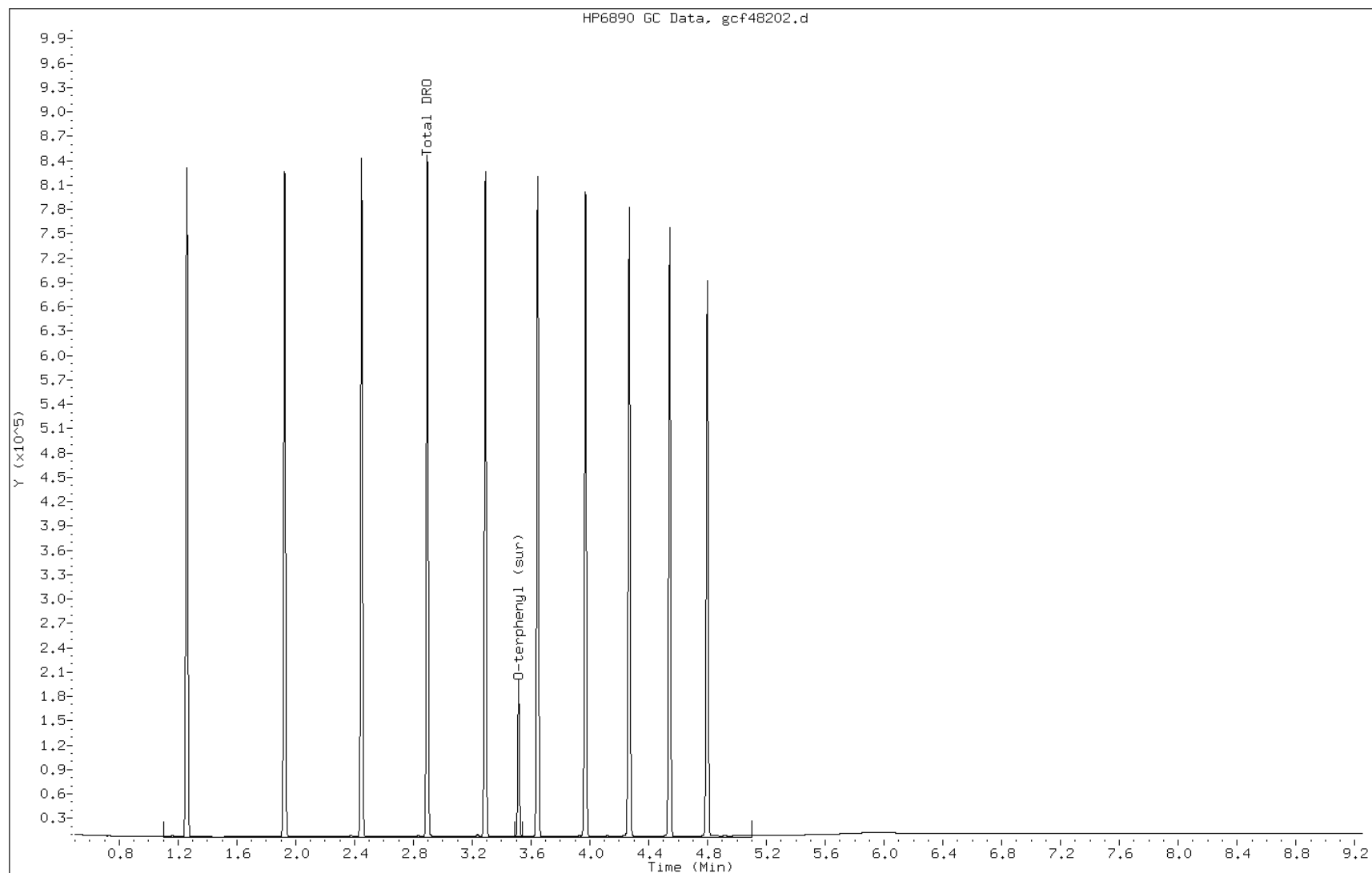
Date: 23-OCT-2011 23:39

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L4_00008

Operator: 615



Manual Integration Report

Data File: gcf48202.d
Inj. Date and Time: 23-OCT-2011 23:39
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

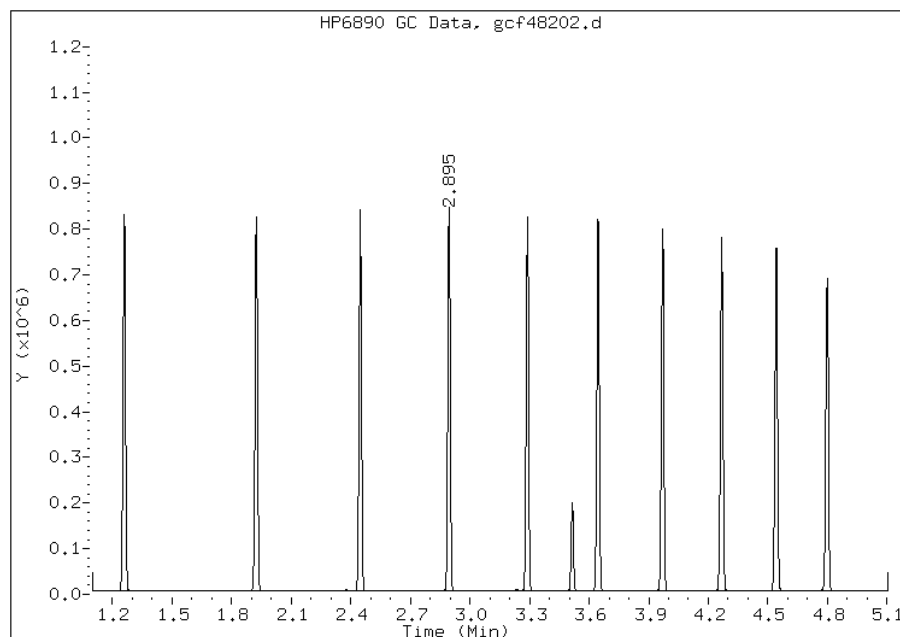
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 2.90
Response: 139057033
Amount: 2843.14
Conc: 2843.14



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48202.d
Inj. Date and Time: 23-OCT-2011 23:39
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

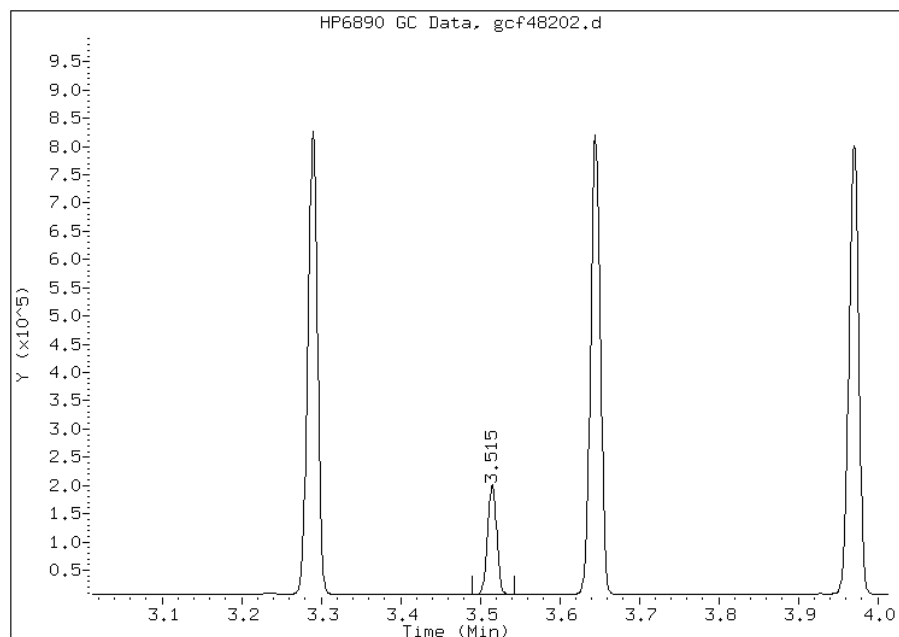
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.52
Response: 3094101
Amount: 56.29
Conc: 56.29



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Data File: gcf48203.d
Report Date: 24-Oct-2011 00:09

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48203.d
Lab Smp Id: SGC28L5_00009
Inj Date : 23-OCT-2011 23:54
Operator : 615
Smp Info : SGC28L5_00009
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 00:09 diazc
Cal Date : 23-OCT-2011 23:54
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48203.d
Calibration Sample, Level: 5
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	2.449	2.449	0.000	278112656	5000.00	5070(AM)
\$ 1 0-terphenyl (sur)	3.514	3.514	0.000	6124276	100.000	99.4(M)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: gcf48203.d

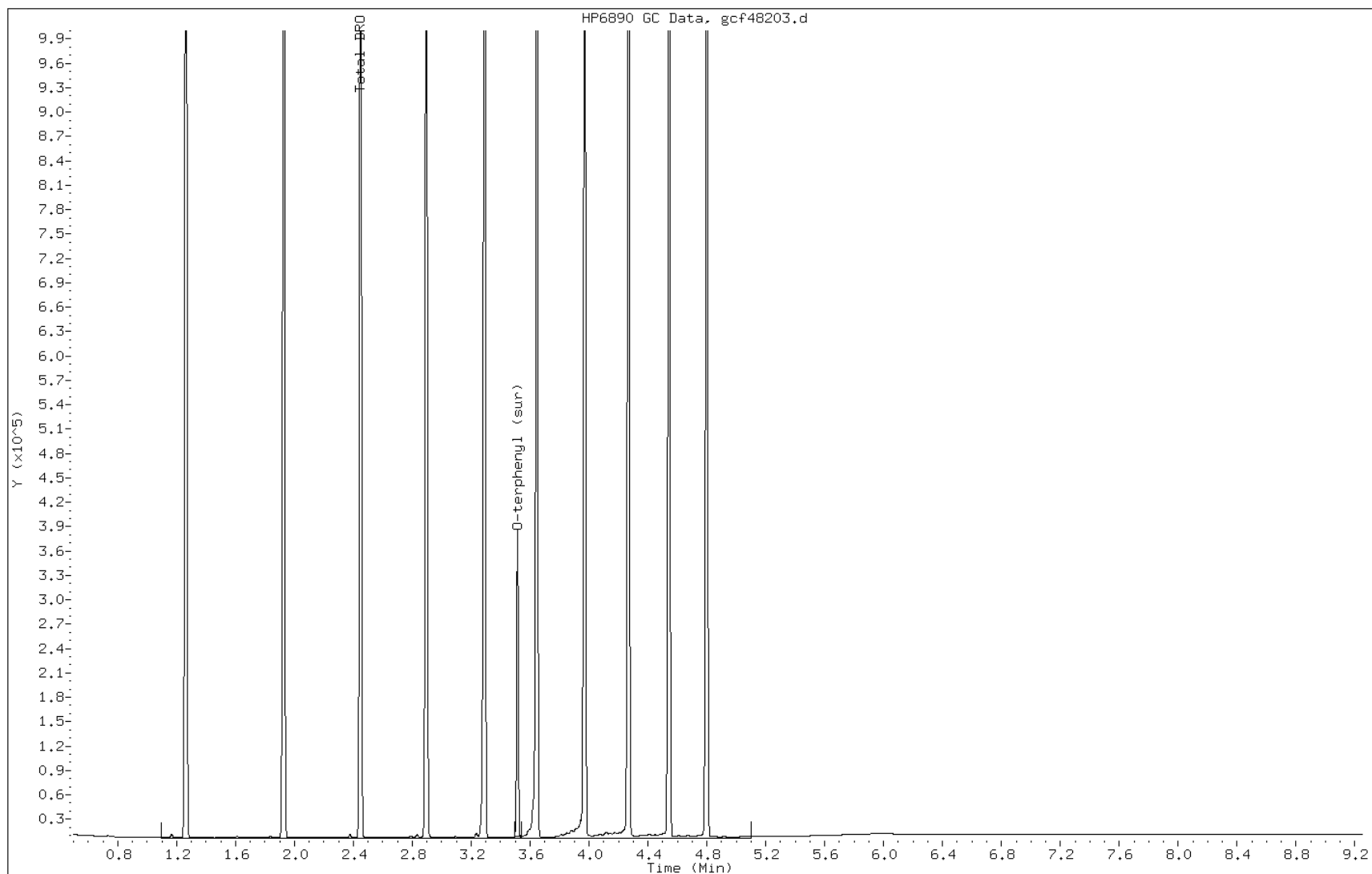
Date: 23-OCT-2011 23:54

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L5_00009

Operator: 615



Manual Integration Report

Data File: gcf48203.d
Inj. Date and Time: 23-OCT-2011 23:54
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

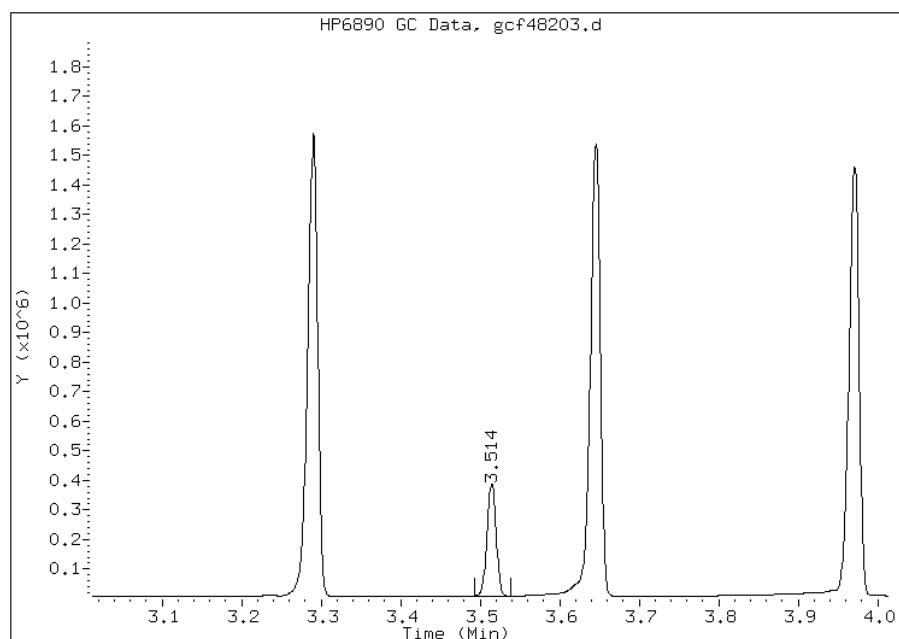
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 6124276
Amount: 99.37
Conc: 99.37



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48203.d
Inj. Date and Time: 23-OCT-2011 23:54
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

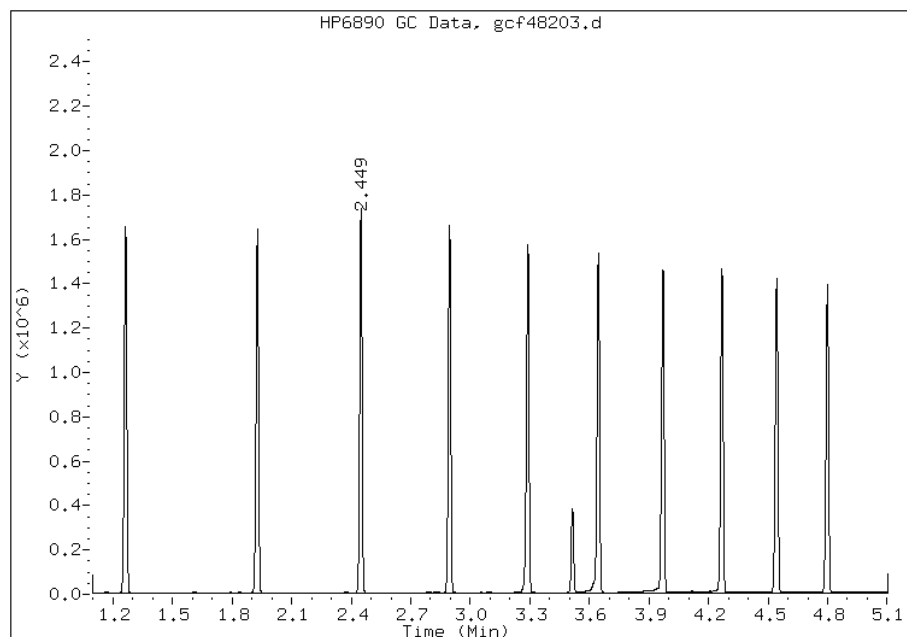
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 2.45
Response: 278112656
Amount: 5073.56
Conc: 5073.56



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-90459/23 Calibration Date: 10/24/2011 03:29
Instrument ID: BNAGC1 Calib Start Date: 10/23/2011 22:59
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/23/2011 23:54
Lab File ID: gcf48218.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	54816	56148		2560	2500	2.4	15.0
o-Terphenyl	Ave	61629	61530		49.9	50.0	-0.2	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-90459/23 Calibration Date: 10/24/2011 03:29
Instrument ID: BNAGC1 Calib Start Date: 10/23/2011 22:59
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/23/2011 23:54
Lab File ID: gcf48218.d

Analyte	RT	RT WINDOW	
		TO	FROM
Diesel Range Organics [C10-C28]	2.45	0.00	32.45
o-Terphenyl	3.51	3.41	3.61

Data File: gcf48218.d
 Report Date: 24-Oct-2011 03:42

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48218.d
 Lab Smp Id: SGC28L4_00008
 Inj Date : 24-OCT-2011 03:29
 Operator : 615
 Smp Info : SGC28L4_00008
 Misc Info :
 Comment :
 Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
 Meth Date : 24-Oct-2011 03:42 diazc
 Cal Date : 23-OCT-2011 23:54
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: BNAGC1.i
 Quant Type: ESTD
 Cal File: gcf48203.d
 Continuing Calibration Sample
 Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	2.447	2.447	0.000	140370805	2500.00	2560(M)
\$ 1 0-terphenyl (sur)	3.514	3.514	0.000	3076513	50.0000	49.9(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48218.d

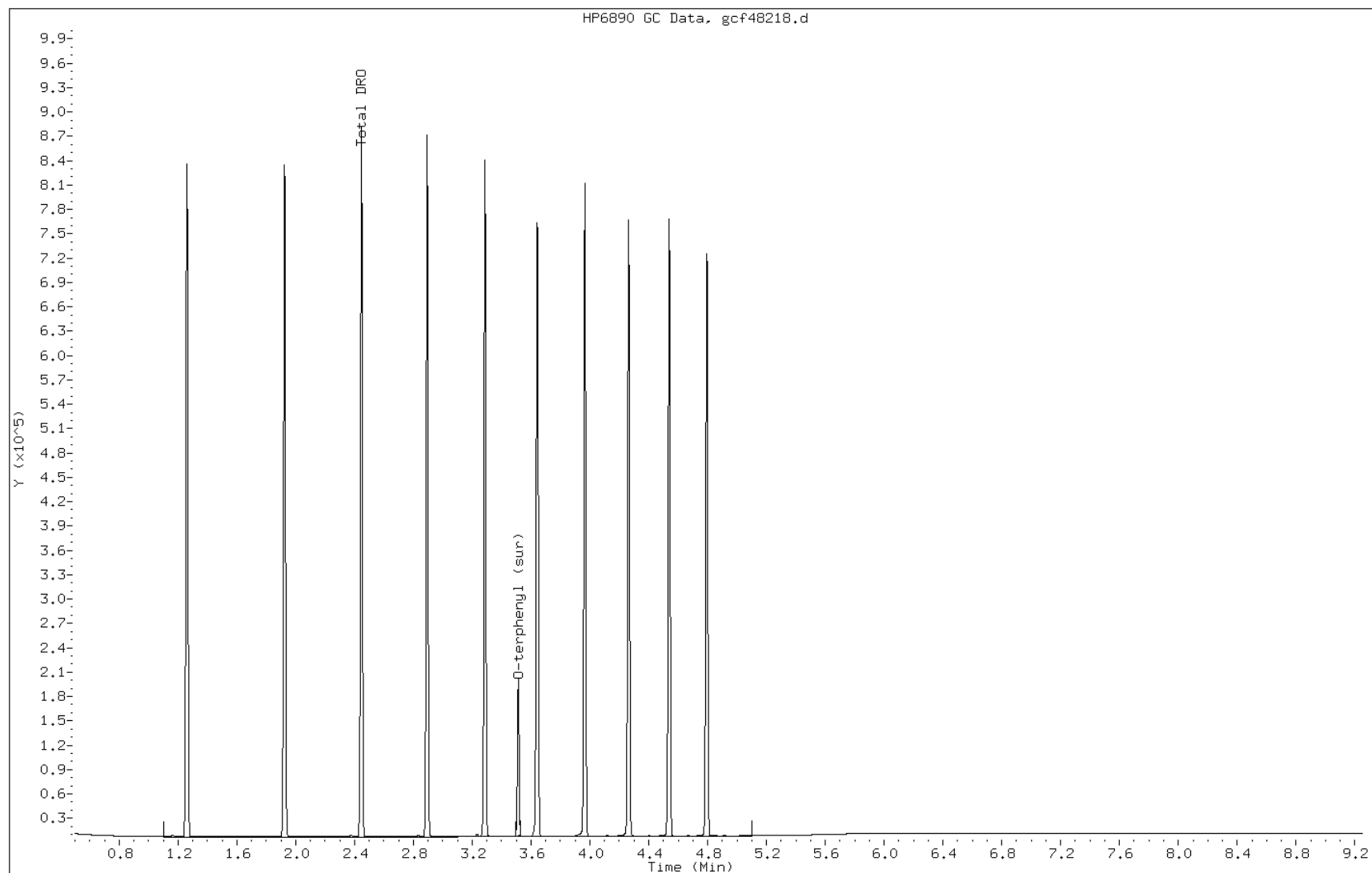
Date: 24-OCT-2011 03:29

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L4_00008

Operator: 615



Manual Integration Report

Data File: gcf48218.d
Inj. Date and Time: 24-OCT-2011 03:29
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

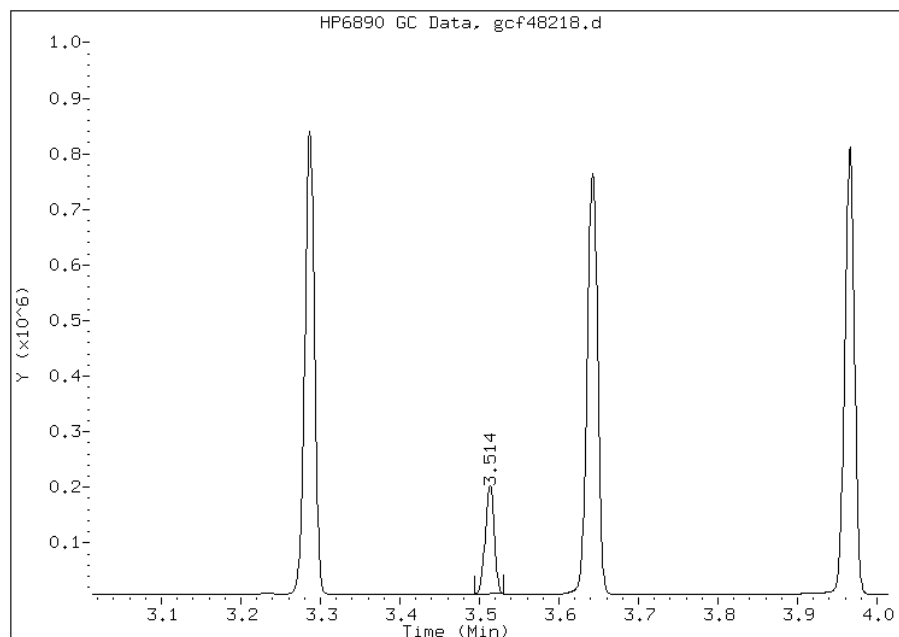
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 3076513
Amount: 49.92
Conc: 49.92



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48218.d
Inj. Date and Time: 24-OCT-2011 03:29
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

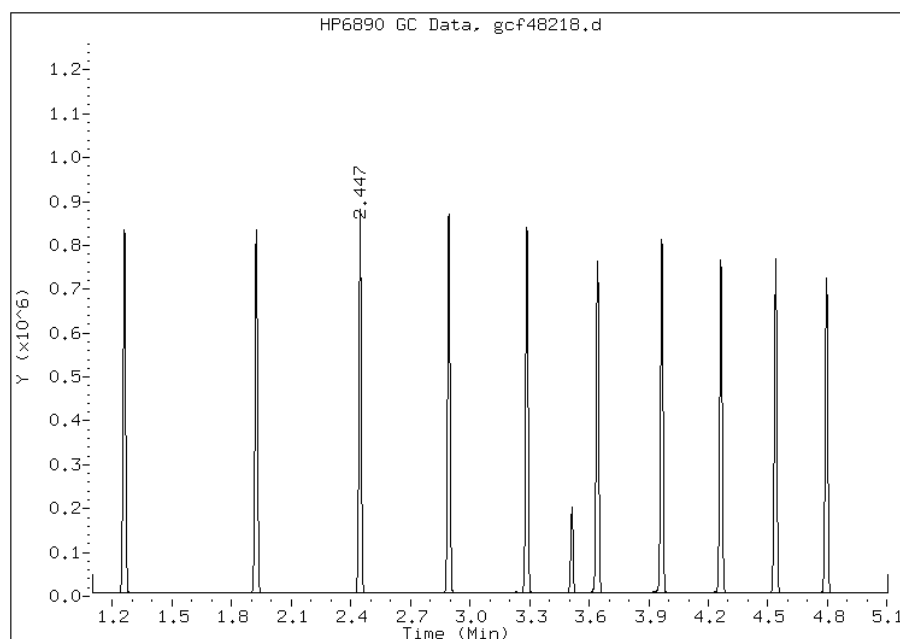
Processing Integration Results

Not Detected

Expected RT: 2.45

Manual Integration Results

RT: 2.45
Response: 140370805
Amount: 2560.76
Conc: 2560.76



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-90459/36 Calibration Date: 10/24/2011 09:11
Instrument ID: BNAGC1 Calib Start Date: 10/23/2011 22:59
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/23/2011 23:54
Lab File ID: gcf48231.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	54816	54909		2500	2500	0.2	15.0
o-Terphenyl	Ave	61629	59695		48.4	50.0	-3.1	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: CCV 460-90459/36 Calibration Date: 10/24/2011 09:11
Instrument ID: BNAGC1 Calib Start Date: 10/23/2011 22:59
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/23/2011 23:54
Lab File ID: gcf48231.d

Analyte	RT	RT WINDOW	
		TO	FROM
Diesel Range Organics [C10-C28]	1.26	0.00	31.26
o-Terphenyl	3.51	3.41	3.61

Data File: gcf48231.d
Report Date: 24-Oct-2011 22:29

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48231.d
Lab Smp Id: SGC28L4_00008
Inj Date : 24-OCT-2011 09:11
Operator : 615
Smp Info : SGC28L4_00008
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc
Cal Date : 23-OCT-2011 23:54
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Inst ID: BNAGC1.i
Quant Type: ESTD
Cal File: gcf48203.d
Continuing Calibration Sample
Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL - AMT (ug/ml)	ON - COL (ug/ml)
2 Total DRO	1.262	1.262	0.000	137273244	2500.00	2500(M)
\$ 1 0-terphenyl (sur)	3.512	3.512	0.000	2984741	50.0000	48.4(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48231.d

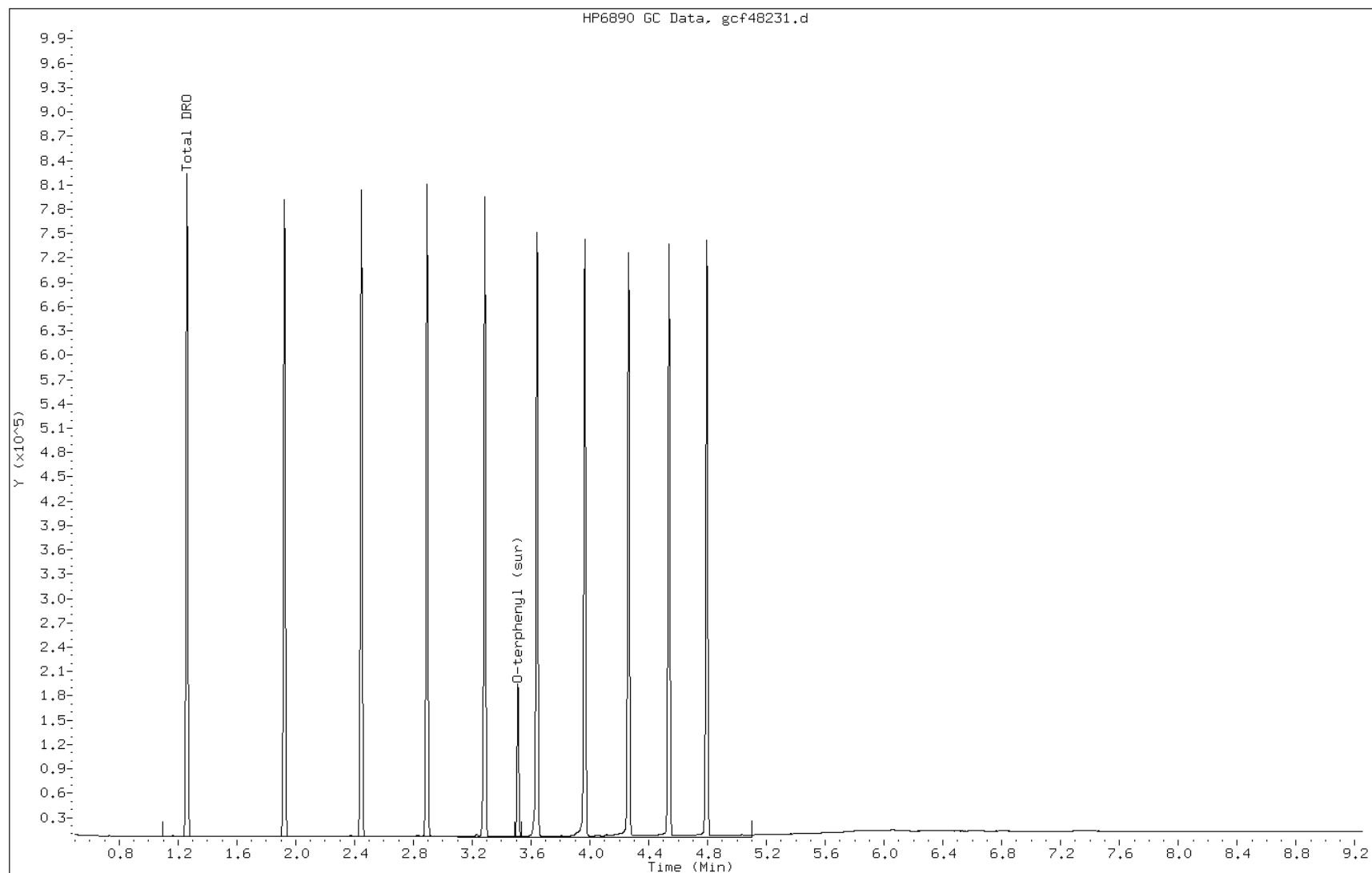
Date: 24-OCT-2011 09:11

Client ID:

Instrument: BNAGC1.i

Sample Info: SGC28L4_00008

Operator: 615



Manual Integration Report

Data File: gcf48231.d
Inj. Date and Time: 24-OCT-2011 09:11
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

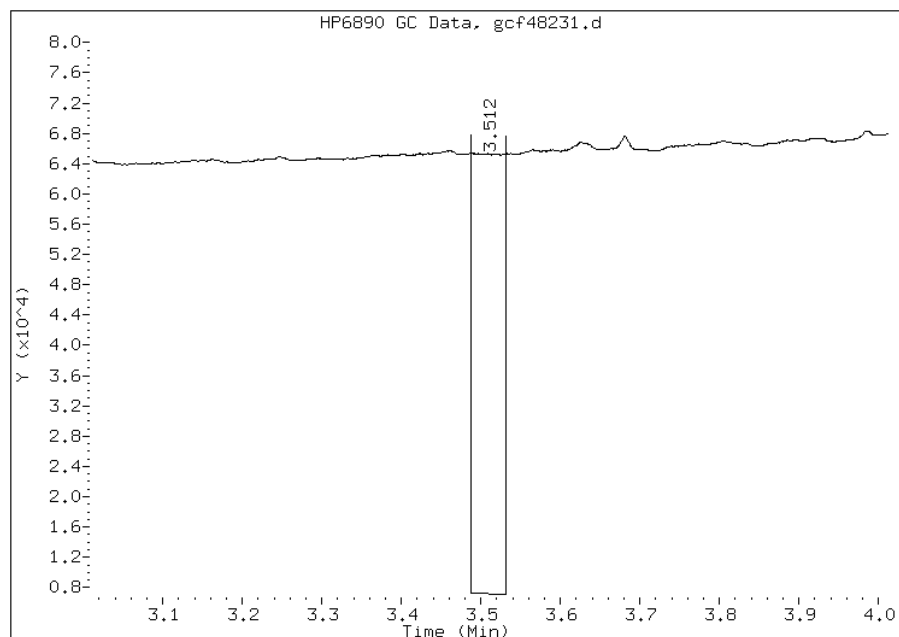
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 2984741
Amount: 48.43
Conc: 48.43



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48231.d
Inj. Date and Time: 24-OCT-2011 09:11
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

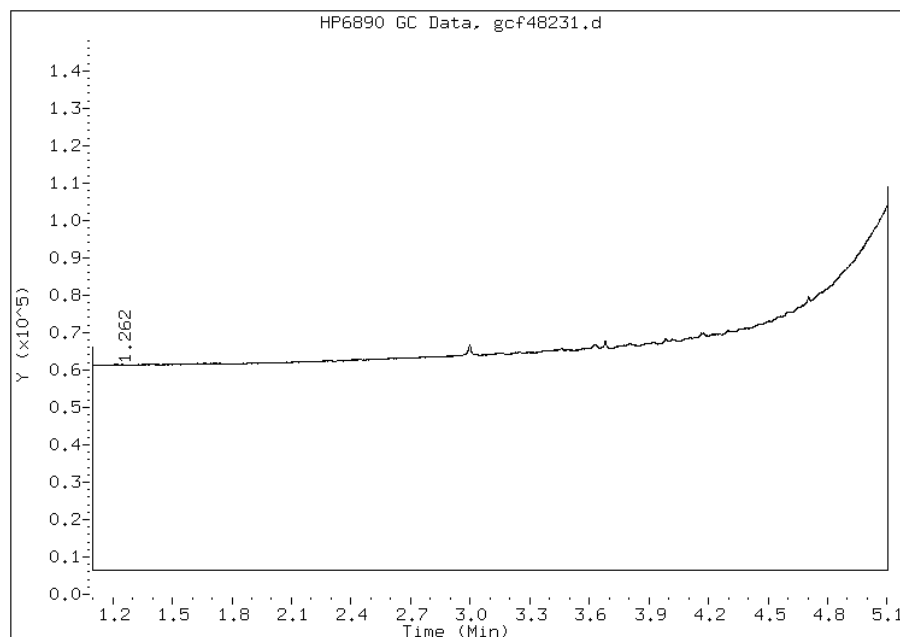
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 1.26
Response: 137273244
Amount: 2504.25
Conc: 2504.25



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-90025/1-A
Matrix: Solid Lab File ID: gcf48219.d
Analysis Method: 8015B Date Collected: _____
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.00(g) Date Analyzed: 10/24/2011 03:43
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	6.7	U	6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		43-119

Data File: gcf48219.d
Report Date: 24-Oct-2011 22:41

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48219.d
Lab Smp Id: MB 460-90025/1-A
Inj Date : 24-OCT-2011 03:43
Operator : 615
Smp Info : MB 460-90025/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/ml)	(mg/Kg)
2 Total DRO				Compound Not Detected.		
\$ 1 0-terphenyl (sur)	3.513	3.512	0.001	1243298	20.1739	1.3(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48219.d

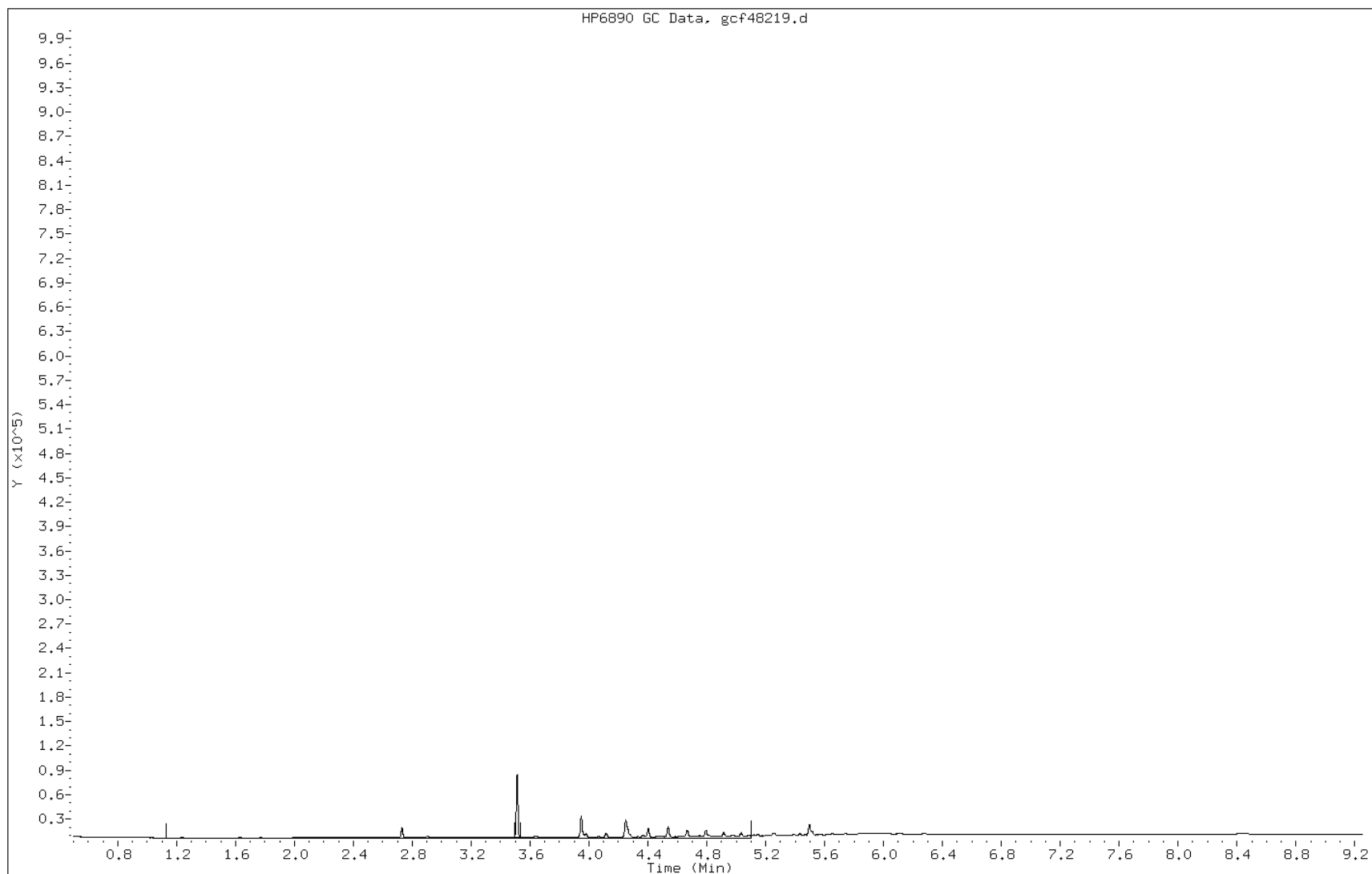
Date: 24-OCT-2011 03:43

Client ID:

Instrument: BNAGC1.i

Sample Info: MB 460-90025/1-A

Operator: 615



Manual Integration Report

Data File: gcf48219.d
Inj. Date and Time: 24-OCT-2011 03:43
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

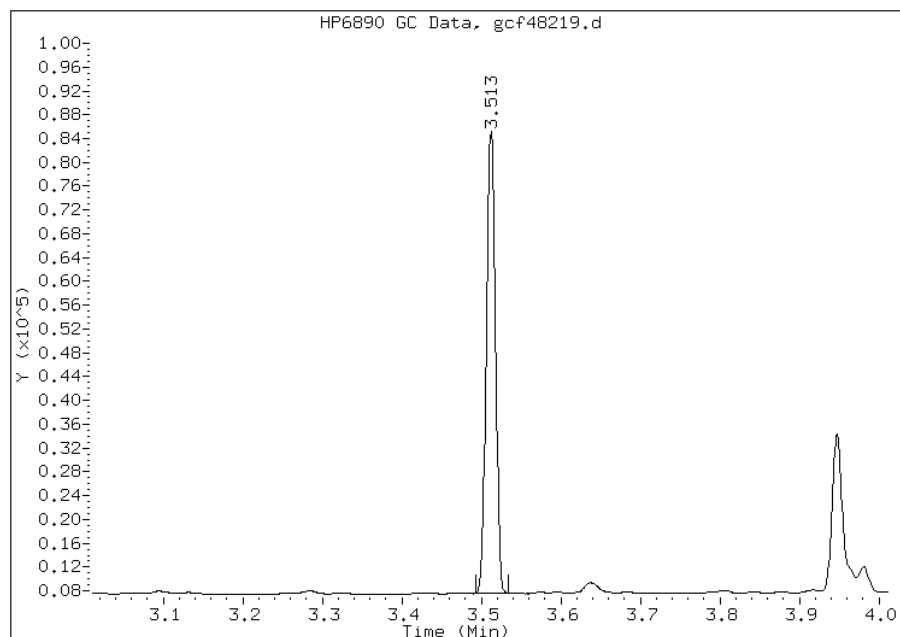
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1243298
Amount: 20.17
Conc: 1.34



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-90025/2-A
Matrix: Solid Lab File ID: gcf48220.d
Analysis Method: 8015B Date Collected: _____
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.00(g) Date Analyzed: 10/24/2011 03:58
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	183		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	117		43-119

Data File: gcf48220.d
Report Date: 24-Oct-2011 23:02

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48220.d
Lab Smp Id: LCS 460-90025/2-a
Inj Date : 24-OCT-2011 03:58
Operator : 615
Smp Info : LCS 460-90025/2-a
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc
Cal Date : 23-OCT-2011 23:54
Als bottle: 61
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Inst ID: BNAGC1.i

Quant Type: ESTD

Cal File: gcf48203.d

Compound Sublist: MWDRO.sub

Concentration Formula: $Amt * DF * Uf * Vt / (Ws * (100 - M) / 100) * CpndVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/ml)	(mg/Kg)
2 Total DRO	4.264	1.262	3.002	150235134	2740.71	183(M)
\$ 1 0-terphenyl (sur)	3.511	3.512	-0.001	1439315	23.3545	1.6(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48220.d

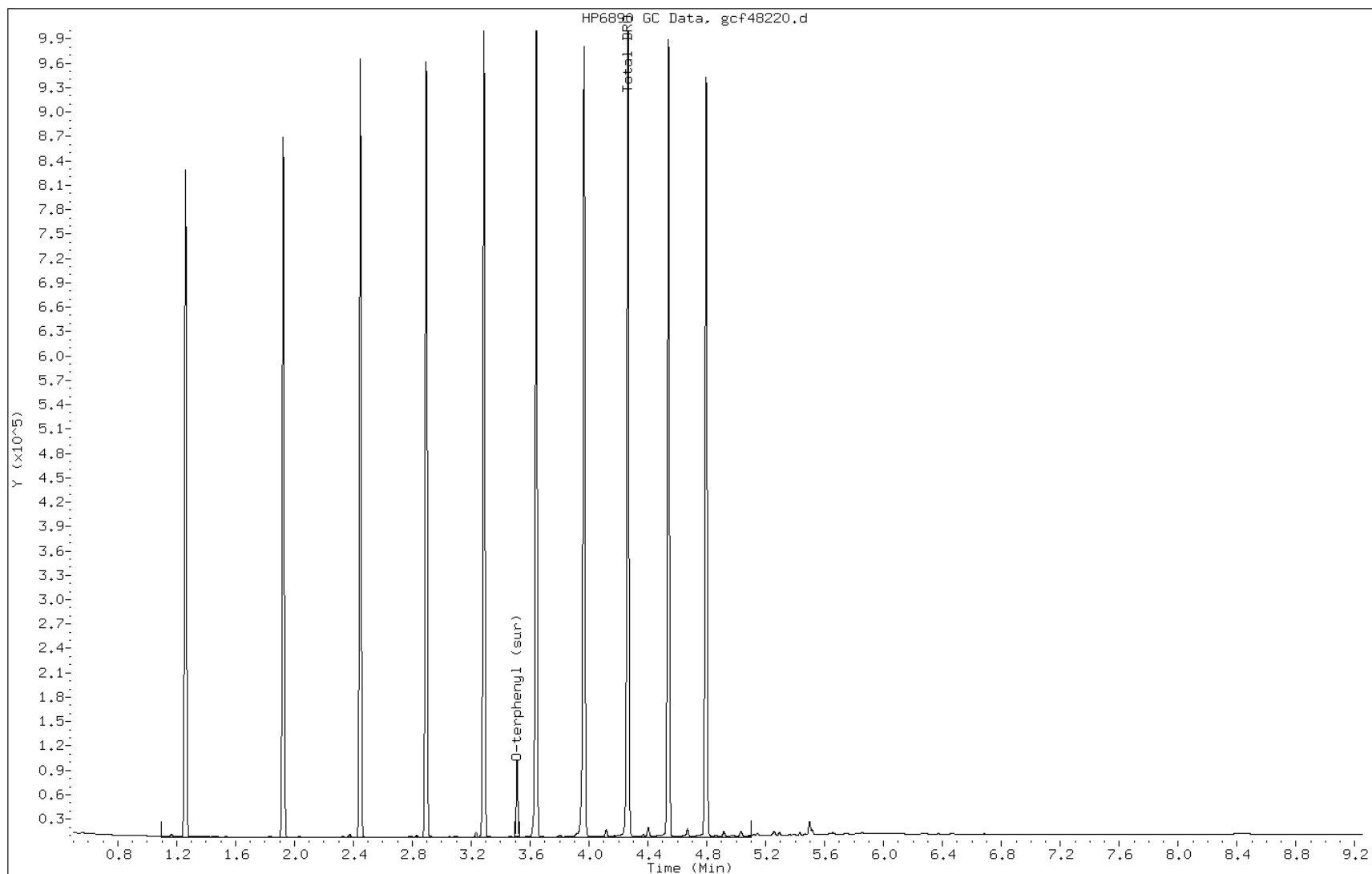
Date: 24-OCT-2011 03:58

Client ID:

Instrument: BNAGC1.i

Sample Info: LCS 460-90025/2-a

Operator: 615



Manual Integration Report

Data File: gcf48220.d
Inj. Date and Time: 24-OCT-2011 03:58
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

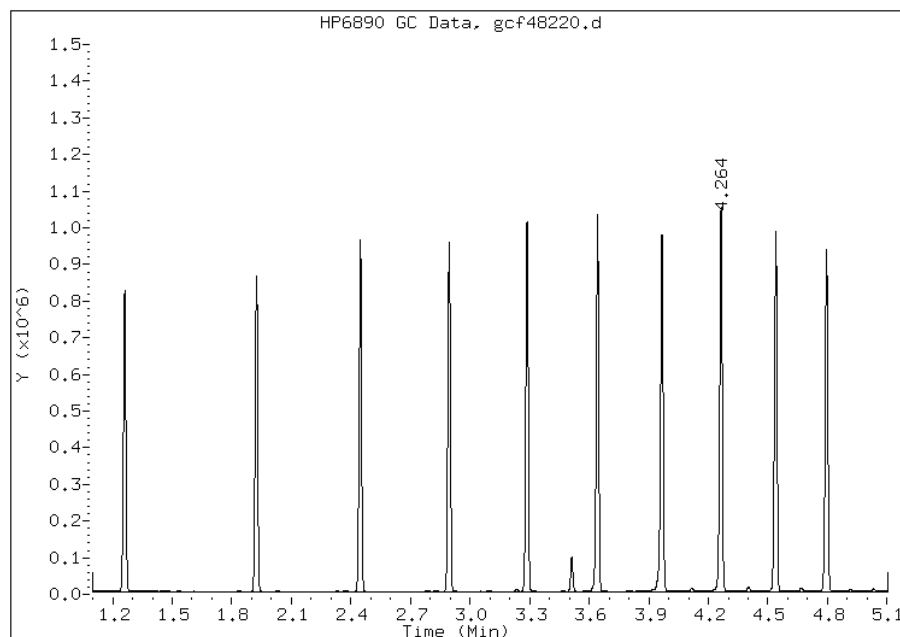
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 4.26
Response: 150235134
Amount: 2740.71
Conc: 182.71



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48220.d
Inj. Date and Time: 24-OCT-2011 03:58
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

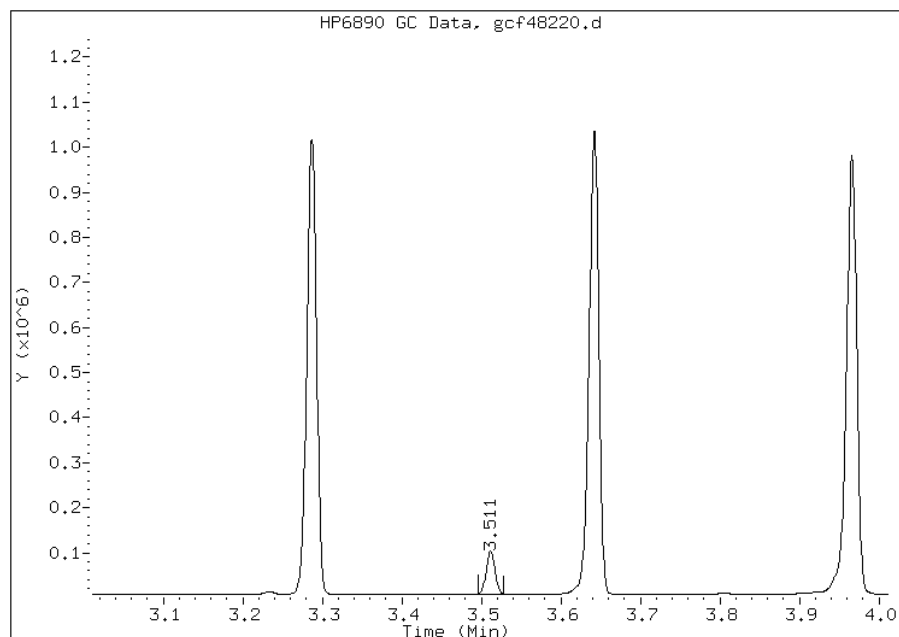
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1439315
Amount: 23.35
Conc: 1.56



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS
Matrix: Solid Lab File ID: gcf48221.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.01(g) Date Analyzed: 10/24/2011 04:25
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	170		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	182	X	43-119

Data File: gcf48221.d
Report Date: 24-Oct-2011 22:44

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48221.d
Lab Smp Id: 460-32125-D-8-Q
Inj Date : 24-OCT-2011 04:25
Operator : 615
Smp Info : 460-32125-D-8-Q
Misc Info :
Comment :
Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
Meth Date : 24-Oct-2011 22:29 diazc
Cal Date : 23-OCT-2011 23:54
Als bottle: 62
Dil Factor: 1.00000
Integrator: HP Genie
Target Version: 3.50
Processing Host: hpd3

Inst ID: BNAGC1.i

Quant Type: ESTD

Cal File: gcf48203.d

Compound Sublist: MWDRO.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	3.643	1.262	2.381	139509409	2545.04	170(M)
\$ 1 0-terphenyl (sur)	3.513	3.512	0.001	2242436	36.3861	2.4(RM)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcf48221.d

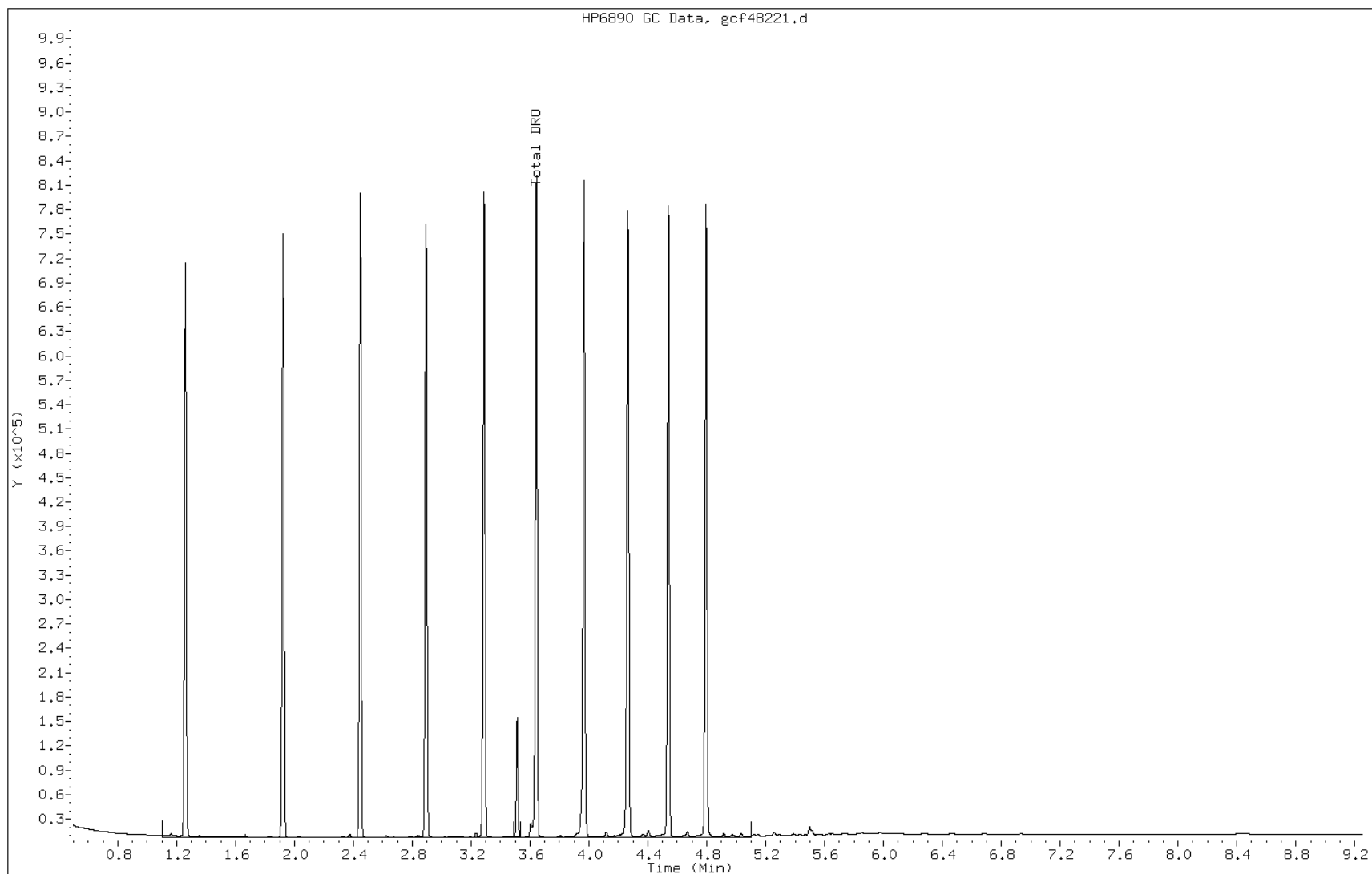
Date: 24-OCT-2011 04:25

Client ID:

Instrument: BNAGC1.i

Sample Info: 460-32125-D-8-Q

Operator: 615



Manual Integration Report

Data File: gcf48221.d
Inj. Date and Time: 24-OCT-2011 04:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

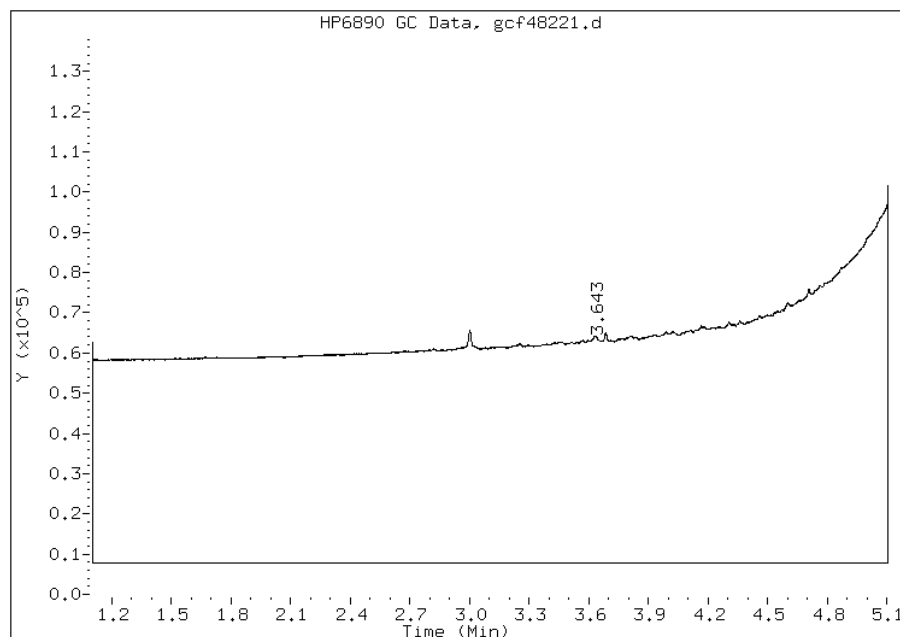
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 3.64
Response: 139509409
Amount: 2545.04
Conc: 169.67



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48221.d
Inj. Date and Time: 24-OCT-2011 04:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

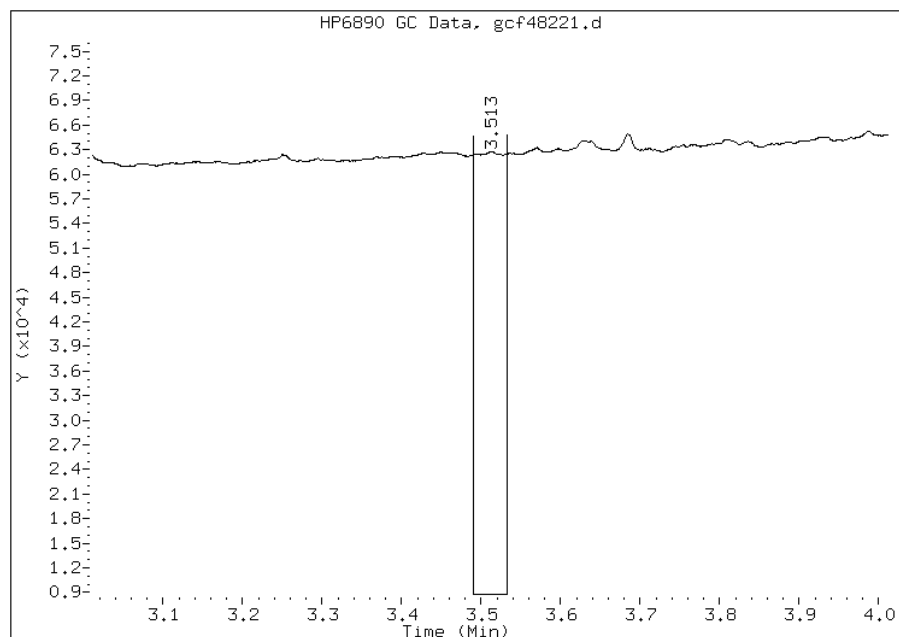
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 2242436
Amount: 36.39
Conc: 2.43



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD
Matrix: Solid Lab File ID: gcf48222.d
Analysis Method: 8015B Date Collected: 10/05/2011 14:00
Extraction Method: 3546 Date Extracted: 10/19/2011 10:29
Sample wt/vol: 15.00(g) Date Analyzed: 10/24/2011 04:25
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 90459 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00143	Diesel Range Organics [C10-C28]	165		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		43-119

Data File: gcf48222.d
 Report Date: 24-Oct-2011 22:44

TestAmerica

Data file : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/gcf48222.d
 Lab Smp Id: 460-32125-D-8-R
 Inj Date : 24-OCT-2011 04:25
 Operator : 615
 Smp Info : 460-32125-D-8-R
 Misc Info :
 Comment :
 Method : /chem/BNAGC1.i/C28DR02010/front/10-24-11ical/24OCT11a.b/c28DR0f2008.m
 Meth Date : 24-Oct-2011 22:29 diazc Quant Type: ESTD
 Cal Date : 23-OCT-2011 23:54 Cal File: gcf48203.d
 Als bottle: 63
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 3.50
 Processing Host: hpd3

Concentration Formula: $Amt * DF * Uf * Vt / (Ws * (100 - M) / 100) * CpndVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/ml)	FINAL (mg/Kg)
2 Total DRO	2.894	1.262	1.632	135445940	2470.91	165(M)
\$ 1 0-terphenyl (sur)	3.513	3.512	0.001	1112753	18.0557	1.2(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf48222.d

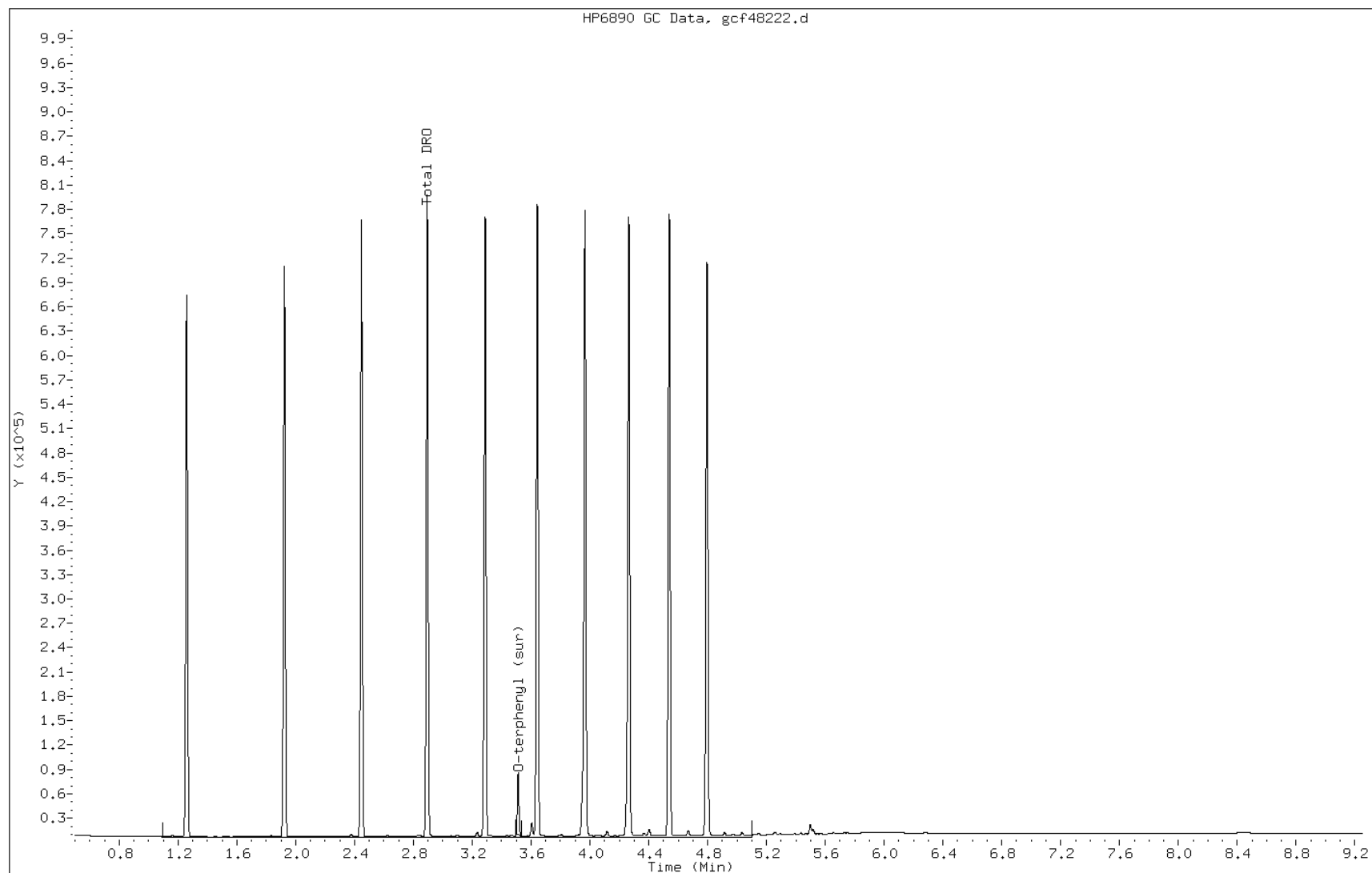
Date: 24-OCT-2011 04:25

Client ID:

Instrument: BNAGC1.i

Sample Info: 460-32125-D-8-R

Operator: 615



Manual Integration Report

Data File: gcf48222.d
Inj. Date and Time: 24-OCT-2011 04:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Total DRO
CAS #: DRO
Report Date: 10/24/2011

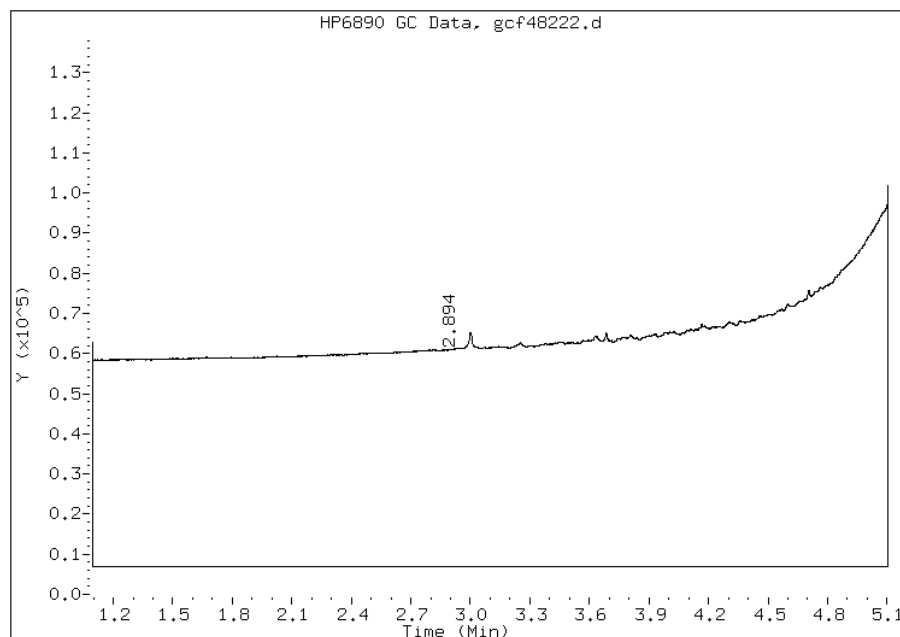
Processing Integration Results

Not Detected

Expected RT: 1.26

Manual Integration Results

RT: 2.89
Response: 135445940
Amount: 2470.91
Conc: 164.73



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf48222.d
Inj. Date and Time: 24-OCT-2011 04:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 0-terphenyl (sur)
CAS #: 84-15-1
Report Date: 10/24/2011

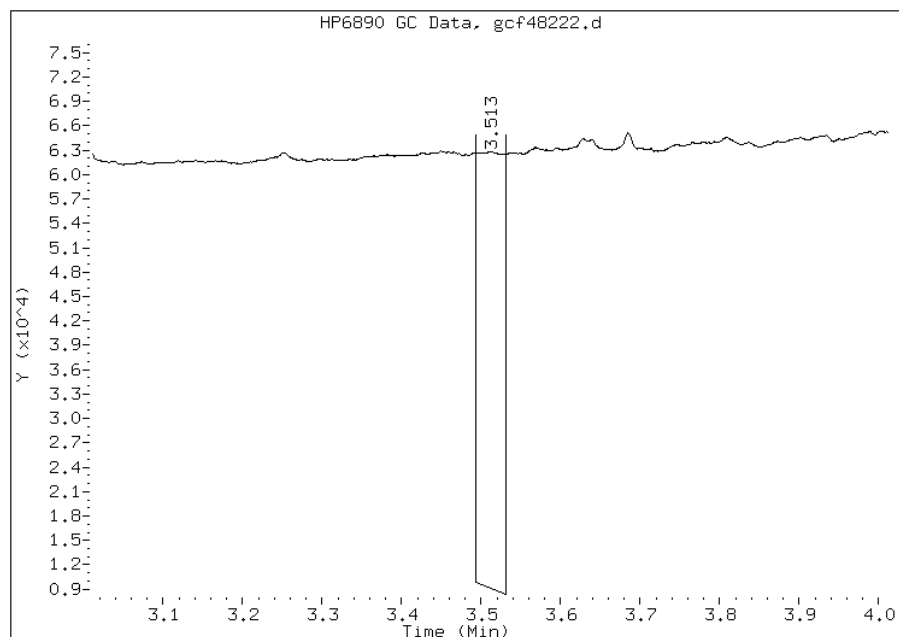
Processing Integration Results

Not Detected

Expected RT: 3.51

Manual Integration Results

RT: 3.51
Response: 1112753
Amount: 18.06
Conc: 1.20



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32125-1

SDG No.: _____

Instrument ID: BNAGC1Start Date: 10/23/2011 22:16Analysis Batch Number: 90459End Date: 10/24/2011 09:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-90459/1		10/23/2011 22:16	1		Rtx-5MS 0.25 (mm)
RINSE 460-90459/2		10/23/2011 22:30	1		Rtx-5MS 0.25 (mm)
RINSE 460-90459/3		10/23/2011 22:45	1		Rtx-5MS 0.25 (mm)
IC 460-90459/4		10/23/2011 22:59	1	gcf48199.d	Rtx-5MS 0.25 (mm)
IC 460-90459/5		10/23/2011 23:13	1	gcf48200.d	Rtx-5MS 0.25 (mm)
IC 460-90459/6		10/23/2011 23:28	1	gcf48201.d	Rtx-5MS 0.25 (mm)
IC 460-90459/7		10/23/2011 23:39	1	gcf48202.d	Rtx-5MS 0.25 (mm)
IC 460-90459/8		10/23/2011 23:54	1	gcf48203.d	Rtx-5MS 0.25 (mm)
RINSE 460-90459/9		10/24/2011 00:09	1		Rtx-5MS 0.25 (mm)
RINSE 460-90459/10		10/24/2011 00:20	1		Rtx-5MS 0.25 (mm)
RINSE 460-90459/11		10/24/2011 00:34	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 00:49	1		Rtx-5MS 0.25 (mm)
CCV 460-90459/13		10/24/2011 01:00	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 01:15	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 01:43	20		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 01:57	20		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 02:05	20		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 02:20	20		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 02:33	10		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 02:47	100		Rtx-5MS 0.25 (mm)
ZZZZZ		10/24/2011 03:15	100		Rtx-5MS 0.25 (mm)
CCV 460-90459/23		10/24/2011 03:29	1	gcf48218.d	Rtx-5MS 0.25 (mm)
MB 460-90025/1-A		10/24/2011 03:43	1	gcf48219.d	Rtx-5MS 0.25 (mm)
LCS 460-90025/2-A		10/24/2011 03:58	1	gcf48220.d	Rtx-5MS 0.25 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/24/2011 04:25	1	gcf48221.d	Rtx-5MS 0.25 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/24/2011 04:25	1	gcf48222.d	Rtx-5MS 0.25 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/24/2011 04:52	1	gcf48223.d	Rtx-5MS 0.25 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/24/2011 05:07	1	gcf48224.d	Rtx-5MS 0.25 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/24/2011 05:19	1	gcf48225.d	Rtx-5MS 0.25 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/24/2011 05:33	100	gcf48226.d	Rtx-5MS 0.25 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/24/2011 05:45	50	gcf48227.d	Rtx-5MS 0.25 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/24/2011 06:00	10	gcf48228.d	Rtx-5MS 0.25 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/24/2011 06:14	10	gcf48229.d	Rtx-5MS 0.25 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/24/2011 08:56	1	gcf48230.d	Rtx-5MS 0.25 (mm)
CCV 460-90459/36		10/24/2011 09:11	1	gcf48231.d	Rtx-5MS 0.25 (mm)

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 90025 Batch Start Date: 10/19/11 10:29 Batch Analyst: Patel, HarshBatch Method: 3546 Batch End Date: 10/19/11 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OPDROSP 00039	OPDROSU 00013	AnalysisComment	
MB 460-90025/1		3546, 8015B		15.00 g	1 mL		1 mL		
LCS 460-90025/2		3546, 8015B		15.00 g	1 mL	1 mL	1 mL		
460-32125-D-8 MS	FB-17338-100511-MM-147	3546, 8015B	T	15.01 g	1 mL	1 mL	1 mL		
460-32125-D-8 MSD	FB-17338-100511-MM-147	3546, 8015B	T	15.00 g	1 mL	1 mL	1 mL		
460-32125-D-1	SO-17338-100511-MM-140	3546, 8015B	T	15.02 g	1 mL		1 mL	Dark Extract.	
460-32125-D-2	SO-17338-100511-MM-141	3546, 8015B	T	15.03 g	1 mL		1 mL	Dark Extract.	
460-32125-D-3	SO-17338-100511-MM-142	3546, 8015B	T	15.01 g	1 mL		1 mL		
460-32125-D-4	SO-17338-100511-MM-143	3546, 8015B	T	15.02 g	1 mL		1 mL	Dark Extract.	
460-32125-D-5	SO-17338-100511-MM-144	3546, 8015B	T	15.01 g	1 mL		1 mL	Dark Extract.	
460-32125-D-6	SO-17338-100511-MM-145	3546, 8015B	T	15.03 g	1 mL		1 mL	Dark Extract.	
460-32125-D-7	SO-17338-100511-MM-146	3546, 8015B	T	15.00 g	1 mL		1 mL	Dark Extract.	
460-32125-D-8	FB-17338-100511-MM-147	3546, 8015B	T	15.01 g	1 mL		1 mL		

Batch Notes	
Balance ID	28
Batch Comment	DRO C28 soil
Person's name who did the concentration	hp
Final Concentrator Volume	1 mL
MeCL2 Lot #	K35E22
Microwave Start Time	11.00am
Microwave Stop Time	11.30am
Na2SO4 Lot Number	K12590
Person's name who did the prep	hp
Person who witnessed spiking	Hemex

Basis	Basis Description
T	Total/NA

Method 8081 - Delaware

Organochlorine Pesticides (GC) by
Method 8081 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
SO-17338-100511-MM-140	460-32125-1	94	93	114	120
SO-17338-100511-MM-141	460-32125-2	99	97	114	120
SO-17338-100511-MM-142	460-32125-3	79	78	91	95
SO-17338-100511-MM-143	460-32125-4	79	80	88 p	166 X
SO-17338-100511-MM-144	460-32125-5	80	77	90 p	148
SO-17338-100511-MM-145	460-32125-6	80	81	95 p	181 X
SO-17338-100511-MM-146	460-32125-7	74	73	85	95
FB-17338-100511-MM-147	460-32125-8	93	92	103	109
	MB 460-88837/1-A	108	108	135	141
	LCS 460-88837/2-A	101	96	126	126
FB-17338-100511-MM-147 MS	460-32125-8 MS	71	68	85	86
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	69	65	83	84

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

QC LIMITS
 40-150
 53-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF694106.D
 Lab ID: LCS 460-88837/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	126	95	58-138	
beta-BHC	133	119	89	60-139	
delta-BHC	133	129	97	60-141	
gamma-BHC (Lindane)	133	126	95	58-136	
Heptachlor	133	128	96	58-137	
Aldrin	133	124	93	58-143	
Heptachlor epoxide	133	123	93	59-136	
Endosulfan I	133	125	93	60-138	
Dieldrin	133	129	97	55-128	
4,4'-DDE	133	129	97	58-150	
Endrin	133	144	108	61-150	
Endosulfan II	133	129	97	59-133	
4,4'-DDD	133	131	98	63-150	
Endosulfan sulfate	133	131	98	56-133	
4,4'-DDT	133	137	103	57-150	
Methoxychlor	133	146	109	42-150	
Endrin ketone	133	132	99	62-139	
Endrin aldehyde	133	119	89	55-122	
alpha-Chlordane	133	121	91	49-143	
gamma-Chlordane	133	123	92	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR694106.D
 Lab ID: LCS 460-88837/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	127	95	58-138	
beta-BHC	133	123	92	60-139	
delta-BHC	133	131	98	60-141	
gamma-BHC (Lindane)	133	129	97	58-136	
Heptachlor	133	119	90	58-137	
Aldrin	133	127	95	58-143	
Heptachlor epoxide	133	126	94	59-136	
Endosulfan I	133	126	95	60-138	
Dieldrin	133	128	96	55-128	
4,4'-DDE	133	129	97	58-150	
Endrin	133	135	101	61-150	
Endosulfan II	133	124	93	59-133	
4,4'-DDD	133	128	96	63-150	
Endosulfan sulfate	133	124	93	56-133	
4,4'-DDT	133	126	95	57-150	
Methoxychlor	133	121	91	42-150	
Endrin ketone	133	124	93	62-139	
Endrin aldehyde	133	115	86	55-122	
alpha-Chlordane	133	122	91	49-143	
gamma-Chlordane	133	122	91	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF694107.D
 Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	133	6.7 U	95.8	72	58-138	
beta-BHC	133	6.7 U	89.0	67	60-139	
delta-BHC	133	6.7 U	96.5	72	60-141	
gamma-BHC (Lindane)	133	6.7 U	95.6	72	58-136	
Heptachlor	133	6.7 U	95.7	72	58-137	
Aldrin	133	6.7 U	92.1	69	58-143	
Heptachlor epoxide	133	6.7 U	93.0	70	59-136	
Endosulfan I	133	6.7 U	94.1	71	60-138	
Dieldrin	133	6.7 U	97.5	73	55-128	
4,4'-DDE	133	6.7 U	96.5	72	58-150	
Endrin	133	6.7 U	108	81	61-150	
Endosulfan II	133	6.7 U	97.5	73	59-133	
4,4'-DDD	133	6.7 U	97.7	73	63-150	
Endosulfan sulfate	133	6.7 U	106	79	56-133	
4,4'-DDT	133	6.7 U	102	77	57-150	
Methoxychlor	133	6.7 U	123	92	42-150	
Endrin ketone	133	6.7 U	100	75	62-139	
Endrin aldehyde	133	6.7 U	88.6	66	55-122	
alpha-Chlordane	133	6.7 U	92.2	69	49-143	
gamma-Chlordane	133	6.7 U	93.4	70	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR694107.D
 Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	133	6.7 U	94.9	71	58-138	
beta-BHC	133	6.7 U	87.9	66	60-139	
delta-BHC	133	6.7 U	97.0	73	60-141	
gamma-BHC (Lindane)	133	6.7 U	95.1	71	58-136	
Heptachlor	133	6.7 U	89.5	67	58-137	
Aldrin	133	6.7 U	94.7	71	58-143	
Heptachlor epoxide	133	6.7 U	93.2	70	59-136	
Endosulfan I	133	6.7 U	93.0	70	60-138	
Dieldrin	133	6.7 U	94.2	71	55-128	
4,4'-DDE	133	6.7 U	94.6	71	58-150	
Endrin	133	6.7 U	99.8	75	61-150	
Endosulfan II	133	6.7 U	91.6	69	59-133	
4,4'-DDD	133	6.7 U	92.8	70	63-150	
Endosulfan sulfate	133	6.7 U	91.0	68	56-133	
4,4'-DDT	133	6.7 U	92.0	69	57-150	
Methoxychlor	133	6.7 U	86.9	65	42-150	
Endrin ketone	133	6.7 U	92.6	69	62-139	
Endrin aldehyde	133	6.7 U	84.4	63	55-122	
alpha-Chlordane	133	6.7 U	89.9	67	49-143	
gamma-Chlordane	133	6.7 U	90.1	68	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF694108.D
 Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	133	92.6	70	3	30	58-138	
beta-BHC	133	86.7	65	1	30	60-139	
delta-BHC	133	92.4	70	5	30	60-141	
gamma-BHC (Lindane)	133	92.4	70	3	30	58-136	
Heptachlor	133	93.0	70	3	30	58-137	
Aldrin	133	89.3	67	3	30	58-143	
Heptachlor epoxide	133	90.5	68	3	30	59-136	
Endosulfan I	133	91.6	69	3	30	60-138	
Dieldrin	133	94.6	71	3	30	55-128	
4,4'-DDE	133	94.6	71	2	30	58-150	
Endrin	133	104	79	3	30	61-150	
Endosulfan II	133	93.8	71	4	30	59-133	
4,4'-DDD	133	95.2	72	3	30	63-150	
Endosulfan sulfate	133	98.5	74	7	30	56-133	
4,4'-DDT	133	99.4	75	3	30	57-150	
Methoxychlor	133	116	87	6	30	42-150	
Endrin ketone	133	95.6	72	5	30	62-139	
Endrin aldehyde	133	82.5	62	7	30	55-122	
alpha-Chlordane	133	89.3	67	3	30	49-143	
gamma-Chlordane	133	90.8	68	3	30	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR694108.D
 Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	133	91.7	69	3	30	58-138	
beta-BHC	133	88.7	67	0	30	60-139	
delta-BHC	133	91.7	69	5	30	60-141	
gamma-BHC (Lindane)	133	93.4	70	2	30	58-136	
Heptachlor	133	86.8	65	3	30	58-137	
Aldrin	133	91.8	69	3	30	58-143	
Heptachlor epoxide	133	90.5	68	3	30	59-136	
Endosulfan I	133	91.2	69	2	30	60-138	
Dieldrin	133	92.0	69	2	30	55-128	
4,4'-DDE	133	92.6	70	2	30	58-150	
Endrin	133	93.6	70	6	30	61-150	
Endosulfan II	133	87.5	66	4	30	59-133	
4,4'-DDD	133	93.5	70	1	30	63-150	
Endosulfan sulfate	133	87.7	66	4	30	56-133	
4,4'-DDT	133	90.6	68	2	30	57-150	
Methoxychlor	133	86.2	65	1	30	42-150	
Endrin ketone	133	88.2	66	5	30	62-139	
Endrin aldehyde	133	79.7	60	6	30	55-122	
alpha-Chlordane	133	87.2	66	3	30	49-143	
gamma-Chlordane	133	87.7	66	3	30	45-147	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: MB 460-88837/1-A
 Matrix: Solid Date Extracted: 10/10/2011 03:53
 Lab File ID: (1) WR694148.D Lab File ID: (2) WF694148.D
 Date Analyzed: (1) 10/11/2011 17:04 Date Analyzed: (2) 10/11/2011 17:04
 Instrument ID: (1) PESTGC4 Instrument ID: (2) PESTGC4
 GC Column: (1) CLP-1 ID: 0.53 (mm) GC Column: (2) CLP-2 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-88837/2-A	10/11/2011 07:18	10/11/2011 07:18
FB-17338-100511-MM-147 MS	460-32125-8 MS	10/11/2011 07:32	10/11/2011 07:32
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	10/11/2011 07:46	10/11/2011 07:46
SO-17338-100511-MM-140	460-32125-1	10/11/2011 09:24	10/11/2011 09:24
SO-17338-100511-MM-141	460-32125-2	10/11/2011 09:38	10/11/2011 09:38
SO-17338-100511-MM-142	460-32125-3	10/11/2011 09:52	10/11/2011 09:52
SO-17338-100511-MM-143	460-32125-4	10/11/2011 10:06	10/11/2011 10:06
SO-17338-100511-MM-144	460-32125-5	10/11/2011 10:20	10/11/2011 10:20
SO-17338-100511-MM-145	460-32125-6	10/11/2011 10:34	10/11/2011 10:34
SO-17338-100511-MM-146	460-32125-7	10/11/2011 10:48	10/11/2011 10:48
FB-17338-100511-MM-147	460-32125-8	10/11/2011 11:01	10/11/2011 11:01

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89205/5 Date Analyzed: 10/11/2011 06:46
 Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): WF694105.D Heated Purge: (Y/N) N
 Calibration ID: 12498

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.58	10.08	
UPPER LIMIT				2.63	10.18	
LOWER LIMIT				2.53	9.98	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-89205/2		10/11/2011 06:05	WF694102.D	2.58	10.08	
CCVRT 460-89205/5		10/11/2011 06:46	WF694105.D	2.58	10.08	
LCS 460-88837/2-A		10/11/2011 07:18	WF694106.D	2.58	10.08	
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/11/2011 07:32	WF694107.D	2.58	10.08	
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/11/2011 07:46	WF694108.D	2.58	10.08	
460-32125-1	SO-17338-100511-MM-14 0	10/11/2011 09:24	WF694115.D	2.59	10.08	
460-32125-2	SO-17338-100511-MM-14 1	10/11/2011 09:38	WF694116.D	2.58	10.08	
460-32125-3	SO-17338-100511-MM-14 2	10/11/2011 09:52	WF694117.D	2.58	10.08	
460-32125-4	SO-17338-100511-MM-14 3	10/11/2011 10:06	WF694118.D	2.58	10.08	
460-32125-5	SO-17338-100511-MM-14 4	10/11/2011 10:20	WF694119.D	2.58	10.08	
460-32125-6	SO-17338-100511-MM-14 5	10/11/2011 10:34	WF694120.D	2.58	10.08	
460-32125-7	SO-17338-100511-MM-14 6	10/11/2011 10:48	WF694121.D	2.58	10.08	
460-32125-8	FB-17338-100511-MM-14 7	10/11/2011 11:01	WF694122.D	2.58	10.08	
PIBLK 460-89205/26		10/11/2011 11:57	WF694126.D	2.58	10.08	
CCV 460-89205/27		10/11/2011 12:11	WF694127.D	2.58	10.08	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89205/5 Date Analyzed: 10/11/2011 06:46
 Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): WR694105.D Heated Purge: (Y/N) N
 Calibration ID: 12497

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.06	9.12	
UPPER LIMIT				2.11	9.22	
LOWER LIMIT				2.01	9.02	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-89205/2		10/11/2011 06:05	WR694102.D	2.06	9.12	
CCVRT 460-89205/5		10/11/2011 06:46	WR694105.D	2.06	9.12	
LCS 460-88837/2-A		10/11/2011 07:18	WR694106.D	2.06	9.12	
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/11/2011 07:32	WR694107.D	2.06	9.12	
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/11/2011 07:46	WR694108.D	2.06	9.12	
460-32125-1	SO-17338-100511-MM-14 0	10/11/2011 09:24	WR694115.D	2.06	9.12	
460-32125-2	SO-17338-100511-MM-14 1	10/11/2011 09:38	WR694116.D	2.05	9.12	
460-32125-3	SO-17338-100511-MM-14 2	10/11/2011 09:52	WR694117.D	2.06	9.12	
460-32125-4	SO-17338-100511-MM-14 3	10/11/2011 10:06	WR694118.D	2.06	9.12	
460-32125-5	SO-17338-100511-MM-14 4	10/11/2011 10:20	WR694119.D	2.06	9.12	
460-32125-6	SO-17338-100511-MM-14 5	10/11/2011 10:34	WR694120.D	2.06	9.12	
460-32125-7	SO-17338-100511-MM-14 6	10/11/2011 10:48	WR694121.D	2.06	9.12	
460-32125-8	FB-17338-100511-MM-14 7	10/11/2011 11:01	WR694122.D	2.06	9.12	
PIBLK 460-89205/26		10/11/2011 11:57	WR694126.D	2.06	9.12	
CCV 460-89205/27		10/11/2011 12:11	WR694127.D	2.06	9.12	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89222/2 Date Analyzed: 10/11/2011 12:11
 Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): WF694127.D Heated Purge: (Y/N) N
 Calibration ID: 12498

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.58	10.08	
UPPER LIMIT				2.63	10.18	
LOWER LIMIT				2.53	9.98	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89222/2		10/11/2011 12:11	WF694127.D	2.58	10.08	
MB 460-88837/1-A		10/11/2011 17:04	WF694148.D	2.58	10.08	
CCV 460-89222/25		10/11/2011 17:32	WF694150.D	2.58	10.08	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89222/2 Date Analyzed: 10/11/2011 12:11
 Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): WR694127.D Heated Purge: (Y/N) N
 Calibration ID: 12497

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.06	9.12	
UPPER LIMIT				2.11	9.22	
LOWER LIMIT				2.01	9.02	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89222/2		10/11/2011 12:11	WR694127.D	2.06	9.12	
MB 460-88837/1-A		10/11/2011 17:04	WR694148.D	2.06	9.12	
CCV 460-89222/25		10/11/2011 17:32	WR694150.D	2.06	9.12	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 10/11/2011 07:32 Date Analyzed (2): 10/11/2011 07:32

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.72	2.66	2.76	94.9		0.9
	2		3.85	3.80	3.90	95.8		
gamma-BHC (Lindane)	1		3.33	3.28	3.38	95.1		0.5
	2		4.62	4.57	4.67	95.6		
beta-BHC	1		3.51	3.45	3.55	87.9		1.3
	2		4.78	4.73	4.83	89.0		
delta-BHC	1		3.86	3.81	3.91	97.0		0.5
	2		5.43	5.38	5.48	96.5		
Heptachlor	1		4.26	4.21	4.31	89.5		6.7
	2		5.60	5.55	5.65	95.7		
Aldrin	1		4.85	4.80	4.90	94.7		2.8
	2		6.26	6.21	6.31	92.1		
Heptachlor epoxide	1		6.08	6.01	6.15	93.2		0.2
	2		6.91	6.84	6.98	93.0		
gamma-Chlordane	1		6.26	6.19	6.33	90.1		3.6
	2		7.11	7.04	7.18	93.4		
alpha-Chlordane	1		6.43	6.36	6.50	89.9		2.6
	2		7.26	7.19	7.33	92.2		
4,4'-DDE	1		6.50	6.43	6.57	94.6		2.1
	2		7.41	7.34	7.48	96.5		
Endosulfan I	1		6.58	6.51	6.65	93.0		1.2
	2		7.33	7.26	7.40	94.1		
Dieldrin	1		6.82	6.75	6.89	94.2		3.5
	2		7.63	7.56	7.70	97.5		
Endrin	1		7.05	6.98	7.12	99.8		8.1
	2		7.97	7.90	8.04	108		
4,4'-DDD	1		7.10	7.03	7.17	92.8		5.1
	2		8.04	7.97	8.11	97.7		
Endosulfan II	1		7.28	7.21	7.35	91.6		6.3
	2		8.19	8.12	8.26	97.5		
4,4'-DDT	1		7.38	7.31	7.45	92.0		10.5
	2		8.36	8.29	8.43	102		
Endrin aldehyde	1		7.71	7.64	7.78	84.4		4.8
	2		8.49	8.42	8.56	88.6		
Methoxychlor	1		7.87	7.80	7.94	86.9		34.4
	2		8.86	8.79	8.93	123		
Endosulfan sulfate	1		8.17	8.10	8.24	91.0		14.8
	2		8.69	8.62	8.76	106		
Endrin ketone	1		8.43	8.36	8.50	92.6		7.9
	2		9.08	9.01	9.15	100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 10/11/2011 07:46 Date Analyzed (2): 10/11/2011 07:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.71	2.66	2.76	91.7		1.0
	2		3.85	3.80	3.90	92.6		
gamma-BHC (Lindane)	1		3.33	3.28	3.38	93.4		1.1
	2		4.62	4.57	4.67	92.4		
beta-BHC	1		3.50	3.45	3.55	88.7		2.3
	2		4.78	4.73	4.83	86.7		
delta-BHC	1		3.85	3.81	3.91	91.7		0.8
	2		5.43	5.38	5.48	92.4		
Heptachlor	1		4.26	4.21	4.31	86.8		6.8
	2		5.60	5.55	5.65	93.0		
Aldrin	1		4.85	4.80	4.90	91.8		2.7
	2		6.26	6.21	6.31	89.3		
Heptachlor epoxide	1		6.07	6.01	6.15	90.5		0.0
	2		6.91	6.84	6.98	90.5		
gamma-Chlordane	1		6.26	6.19	6.33	87.7		3.5
	2		7.11	7.04	7.18	90.8		
alpha-Chlordane	1		6.43	6.36	6.50	87.2		2.5
	2		7.26	7.19	7.33	89.3		
4,4'-DDE	1		6.50	6.43	6.57	92.6		2.2
	2		7.41	7.34	7.48	94.6		
Endosulfan I	1		6.58	6.51	6.65	91.2		0.4
	2		7.33	7.26	7.40	91.6		
Dieldrin	1		6.82	6.75	6.89	92.0		2.8
	2		7.63	7.56	7.70	94.6		
Endrin	1		7.05	6.98	7.12	93.6		10.9
	2		7.97	7.90	8.04	104		
4,4'-DDD	1		7.10	7.03	7.17	93.5		1.7
	2		8.04	7.97	8.11	95.2		
Endosulfan II	1		7.28	7.21	7.35	87.5		6.9
	2		8.19	8.12	8.26	93.8		
4,4'-DDT	1		7.38	7.31	7.45	90.6		9.3
	2		8.36	8.29	8.43	99.4		
Endrin aldehyde	1		7.71	7.64	7.78	79.7		3.5
	2		8.49	8.42	8.56	82.5		
Methoxychlor	1		7.87	7.80	7.94	86.2		29.0
	2		8.86	8.79	8.93	116		
Endosulfan sulfate	1		8.17	8.10	8.24	87.7		11.6
	2		8.69	8.62	8.76	98.5		
Endrin ketone	1		8.43	8.36	8.50	88.2		8.0
	2		9.08	9.01	9.15	95.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88837/2-A
 Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4
 Date Analyzed (1): 10/11/2011 07:18 Date Analyzed (2): 10/11/2011 07:18
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.71	2.66	2.76	127		0.5
	2		3.84	3.80	3.90	126		
gamma-BHC (Lindane)	1		3.33	3.28	3.38	129		2.4
	2		4.61	4.57	4.67	126		
beta-BHC	1		3.50	3.45	3.55	123		3.2
	2		4.77	4.73	4.83	119		
delta-BHC	1		3.85	3.81	3.91	131		1.4
	2		5.42	5.38	5.48	129		
Heptachlor	1		4.26	4.21	4.31	119		7.2
	2		5.60	5.55	5.65	128		
Aldrin	1		4.85	4.80	4.90	127		2.0
	2		6.26	6.21	6.31	124		
Heptachlor epoxide	1		6.07	6.01	6.15	126		1.7
	2		6.91	6.84	6.98	123		
gamma-Chlordane	1		6.26	6.19	6.33	122		1.1
	2		7.10	7.04	7.18	123		
alpha-Chlordane	1		6.43	6.36	6.50	122		0.7
	2		7.26	7.19	7.33	121		
4,4'-DDE	1		6.50	6.43	6.57	129		0.0
	2		7.40	7.34	7.48	129		
Endosulfan I	1		6.58	6.51	6.65	126		1.4
	2		7.33	7.26	7.40	125		
Dieldrin	1		6.82	6.75	6.89	128		1.1
	2		7.62	7.56	7.70	129		
Endrin	1		7.05	6.98	7.12	135		6.6
	2		7.97	7.90	8.04	144		
4,4'-DDD	1		7.10	7.03	7.17	128		2.6
	2		8.04	7.97	8.11	131		
Endosulfan II	1		7.27	7.21	7.35	124		4.0
	2		8.19	8.12	8.26	129		
4,4'-DDT	1		7.38	7.31	7.45	126		8.4
	2		8.36	8.29	8.43	137		
Endrin aldehyde	1		7.71	7.64	7.78	115		3.6
	2		8.49	8.42	8.56	119		
Methoxychlor	1		7.87	7.80	7.94	121		18.5
	2		8.86	8.79	8.93	146		
Endosulfan sulfate	1		8.17	8.10	8.24	124		5.8
	2		8.69	8.62	8.76	131		
Endrin ketone	1		8.42	8.36	8.50	124		6.4
	2		9.08	9.01	9.15	132		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: WF694115.D
Analysis Method: 8081A Date Collected: 10/05/2011 10:30
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 09:24
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 18.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		53-150
877-09-8	Tetrachloro-m-xylene	93		40-150

Data File: WF694115.D
Report Date: 12-Oct-2011 11:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694115.D
Lab Smp Id: 460-32125-D-1-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:24
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-1-C
Misc Info : 460-32125-D-1-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	18.20276	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene			CAS #: 877-09-8						
2.587	2.580	0.007	163254	46.5491	38	80.00-	120.00	100.00	
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.080	10.077	0.003	124498	59.8864	49	80.00-	120.00	100.00	

Data File: WF694115.D

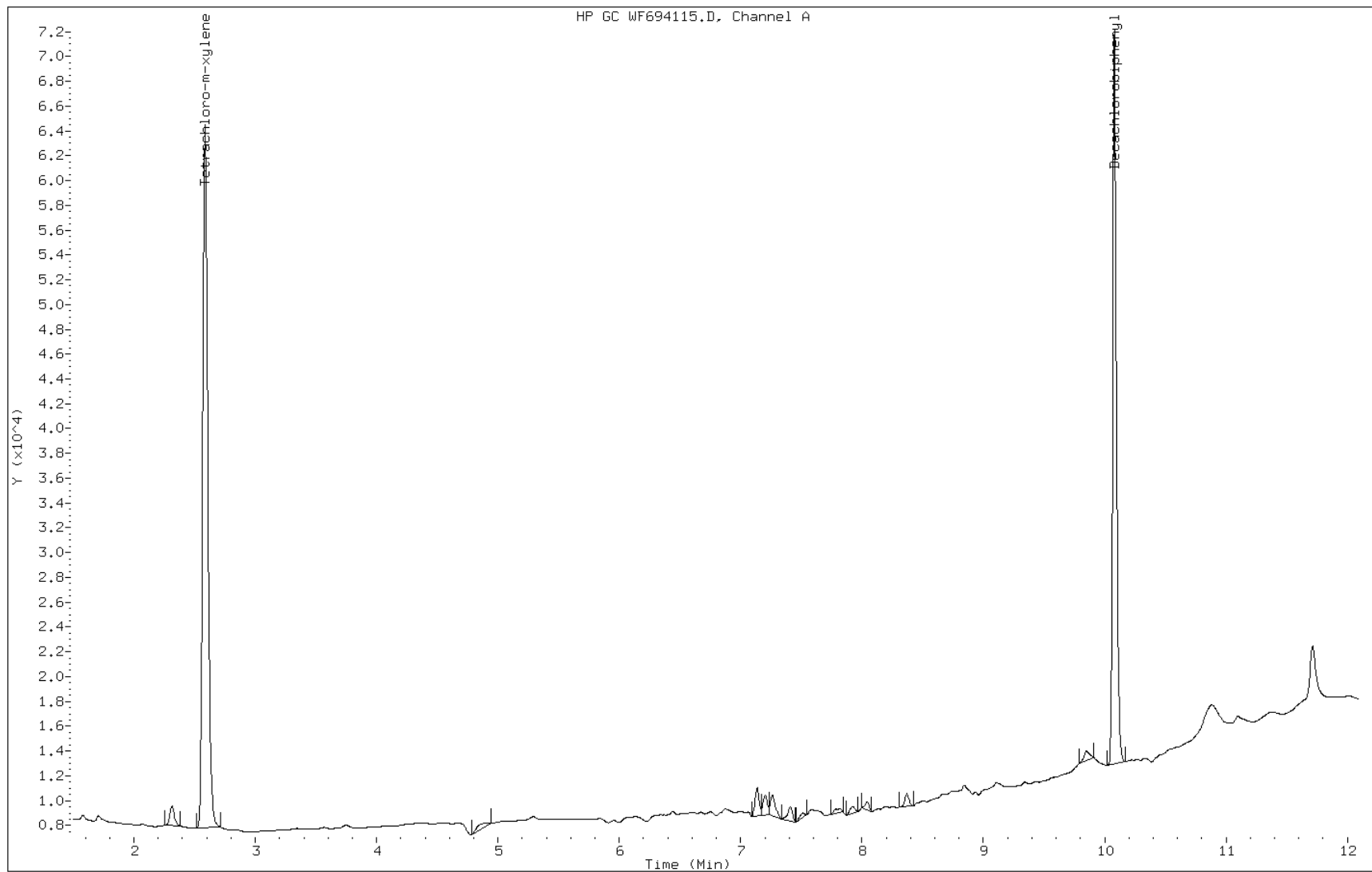
Date: 11-OCT-2011 09:24

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-1-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100511-MM-140</u>	Lab Sample ID: <u>460-32125-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WR694115.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/05/2011 10:30</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/10/2011 03:53</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/11/2011 09:24</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>18.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89205</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.2	U	8.2	1.5
319-85-7	beta-BHC	8.2	U	8.2	1.1
319-86-8	delta-BHC	8.2	U	8.2	1.2
58-89-9	gamma-BHC (Lindane)	8.2	U	8.2	0.95
76-44-8	Heptachlor	8.2	U	8.2	1.2
309-00-2	Aldrin	8.2	U	8.2	1.8
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.7
959-98-8	Endosulfan I	8.2	U	8.2	1.7
60-57-1	Dieldrin	8.2	U	8.2	1.6
72-55-9	4,4'-DDE	8.2	U	8.2	1.6
72-20-8	Endrin	8.2	U	8.2	1.1
33213-65-9	Endosulfan II	8.2	U	8.2	1.2
72-54-8	4,4'-DDD	8.2	U	8.2	0.98
1031-07-8	Endosulfan sulfate	8.2	U	8.2	1.1
50-29-3	4,4'-DDT	8.2	U	8.2	1.0
72-43-5	Methoxychlor	8.2	U	8.2	0.92
53494-70-5	Endrin ketone	8.2	U	8.2	1.2
7421-93-4	Endrin aldehyde	8.2	U	8.2	2.0
5103-71-9	alpha-Chlordane	8.2	U	8.2	1.7
5103-74-2	gamma-Chlordane	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150
877-09-8	Tetrachloro-m-xylene	94		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694115.D
Lab Smp Id: 460-32125-D-1-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:24
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-1-C
Misc Info : 460-32125-D-1-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	18.20276	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.060	2.057	0.003	140056	46.8950	38	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	130425	57.0729	46	80.00-	120.00	100.00	

Data File: WR694115.D

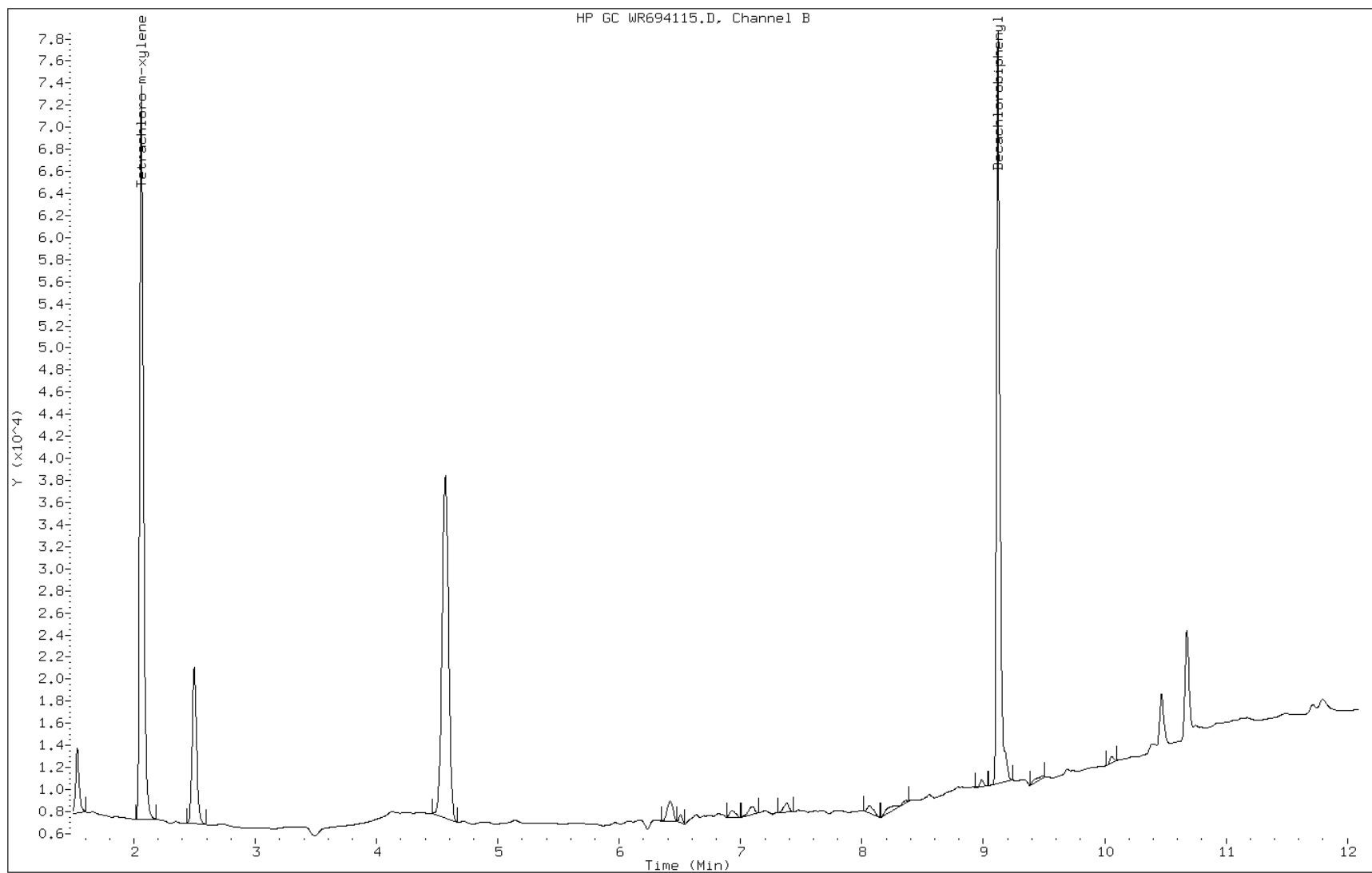
Date: 11-OCT-2011 09:24

Client ID: SO-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-1-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: WF694116.D
Analysis Method: 8081A Date Collected: 10/05/2011 11:00
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 09:38
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 20.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		53-150
877-09-8	Tetrachloro-m-xylene	97		40-150

Data File: WF694116.D
Report Date: 12-Oct-2011 11:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694116.D
Lab Smp Id: 460-32125-D-2-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:38
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-2-C
Misc Info : 460-32125-D-2-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	20.13129	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.580	2.580	0.000	170233	48.5390	40	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.080	10.077	0.003	124867	60.0638	50	80.00- 120.00	100.00		

Data File: WF694116.D

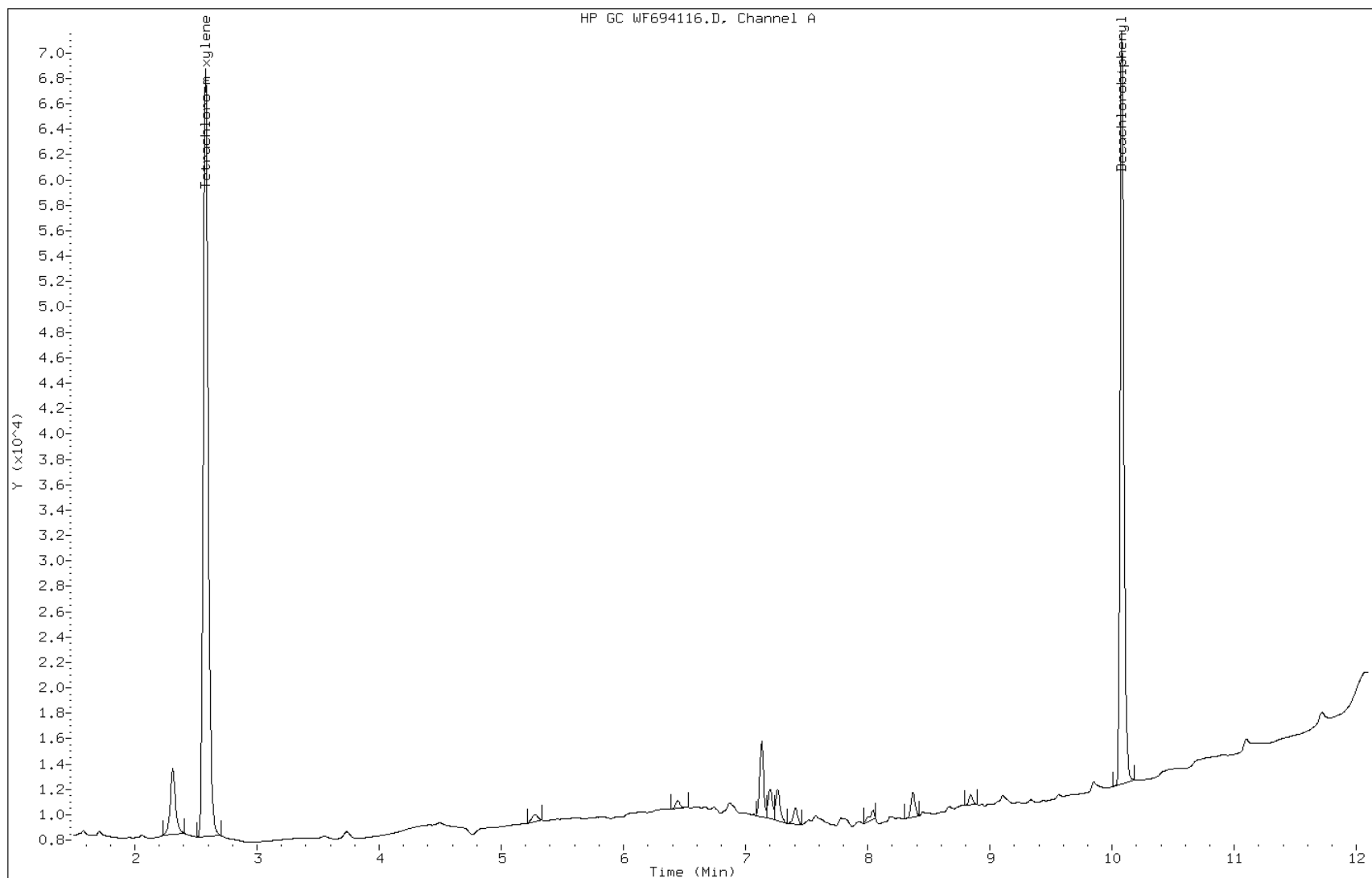
Date: 11-OCT-2011 09:38

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-2-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2

Matrix: Solid Lab File ID: WR694116.D

Analysis Method: 8081A Date Collected: 10/05/2011 11:00

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 09:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.1 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.4	U	8.4	1.6
319-85-7	beta-BHC	8.4	U	8.4	1.1
319-86-8	delta-BHC	8.4	U	8.4	1.3
58-89-9	gamma-BHC (Lindane)	8.4	U	8.4	0.98
76-44-8	Heptachlor	8.4	U	8.4	1.2
309-00-2	Aldrin	8.4	U	8.4	1.8
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.7
959-98-8	Endosulfan I	8.4	U	8.4	1.8
60-57-1	Dieldrin	8.4	U	8.4	1.6
72-55-9	4,4'-DDE	8.4	U	8.4	1.6
72-20-8	Endrin	8.4	U	8.4	1.2
33213-65-9	Endosulfan II	8.4	U	8.4	1.3
72-54-8	4,4'-DDD	8.4	U	8.4	1.0
1031-07-8	Endosulfan sulfate	8.4	U	8.4	1.1
50-29-3	4,4'-DDT	8.4	U	8.4	1.1
72-43-5	Methoxychlor	8.4	U	8.4	0.94
53494-70-5	Endrin ketone	8.4	U	8.4	1.2
7421-93-4	Endrin aldehyde	8.4	U	8.4	2.1
5103-71-9	alpha-Chlordane	8.4	U	8.4	1.8
5103-74-2	gamma-Chlordane	8.4	U	8.4	1.7
8001-35-2	Toxaphene	84	U	84	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150
877-09-8	Tetrachloro-m-xylene	99		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694116.D
Lab Smp Id: 460-32125-D-2-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:38
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-2-C
Misc Info : 460-32125-D-2-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	20.13129	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.053	2.057	-0.004	147171	49.2771	41	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	129999	56.8868	47	80.00- 120.00	100.00		

Data File: WR694116.D

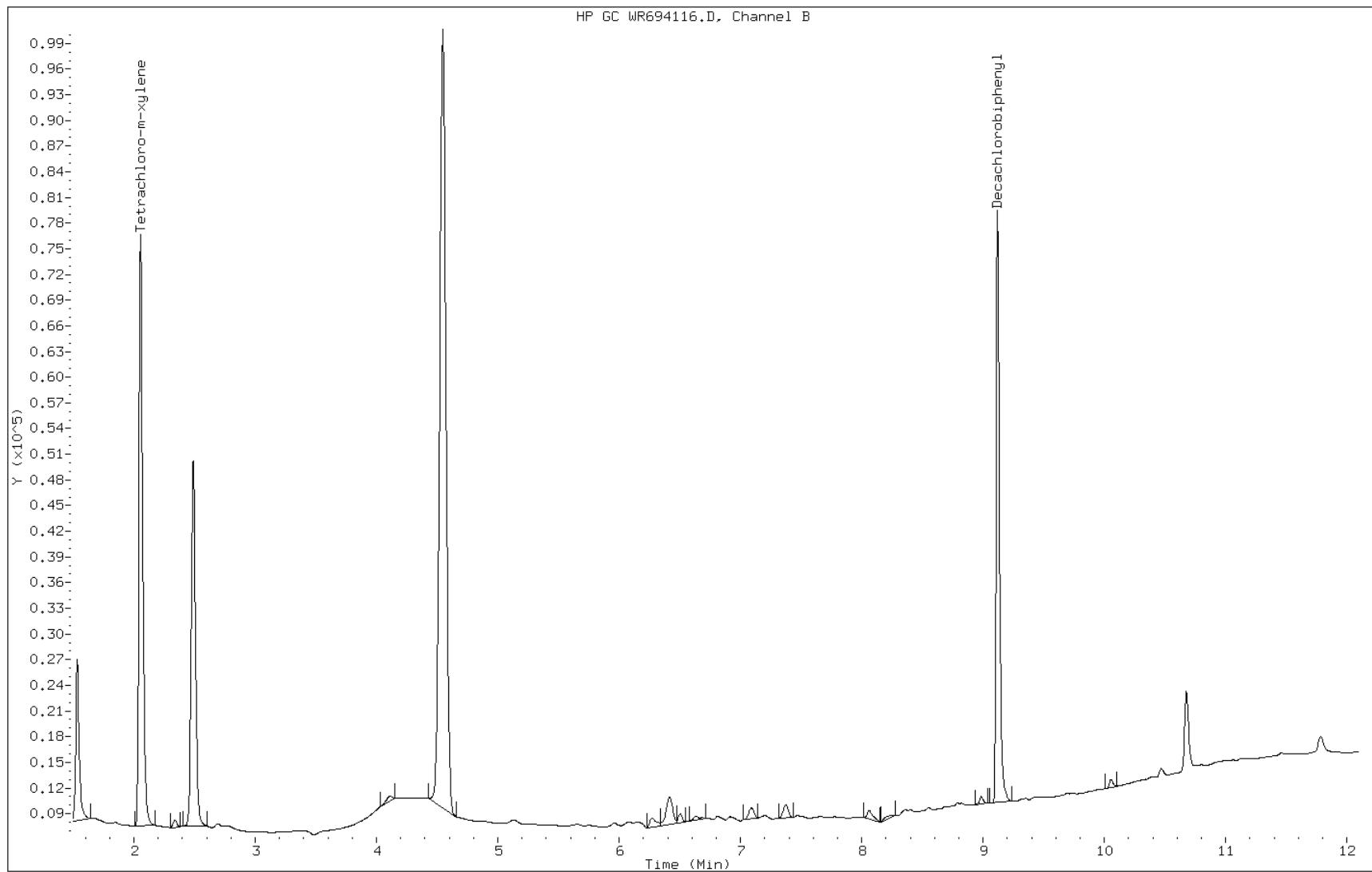
Date: 11-OCT-2011 09:38

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-2-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: WF694117.D
Analysis Method: 8081A Date Collected: 10/05/2011 11:30
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 09:52
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 18.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		53-150
877-09-8	Tetrachloro-m-xylene	78		40-150

Data File: WF694117.D
Report Date: 12-Oct-2011 11:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694117.D
Lab Smp Id: 460-32125-D-3-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:52
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-3-C
Misc Info : 460-32125-D-3-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	18.46154	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.580	2.580	0.000	136228	38.8430	32	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.080	10.077	0.003	98930	47.5874	39	80.00- 120.00	100.00		

Data File: WF694117.D

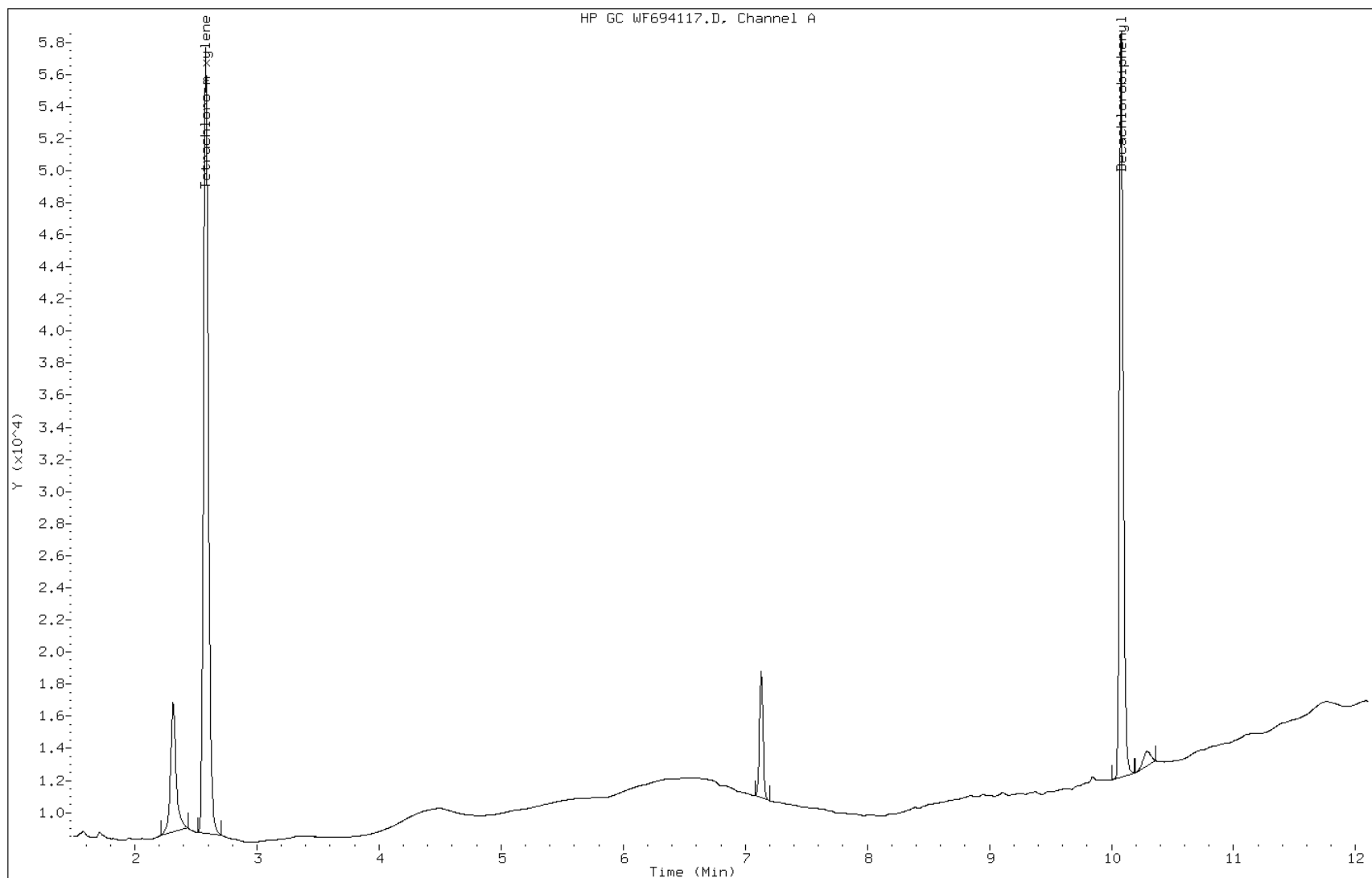
Date: 11-OCT-2011 09:52

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-3-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3

Matrix: Solid Lab File ID: WR694117.D

Analysis Method: 8081A Date Collected: 10/05/2011 11:30

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 09:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.5 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.2	U	8.2	1.5
319-85-7	beta-BHC	8.2	U	8.2	1.1
319-86-8	delta-BHC	8.2	U	8.2	1.2
58-89-9	gamma-BHC (Lindane)	8.2	U	8.2	0.95
76-44-8	Heptachlor	8.2	U	8.2	1.2
309-00-2	Aldrin	8.2	U	8.2	1.8
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.7
959-98-8	Endosulfan I	8.2	U	8.2	1.7
60-57-1	Dieldrin	8.2	U	8.2	1.6
72-55-9	4,4'-DDE	8.2	U	8.2	1.6
72-20-8	Endrin	8.2	U	8.2	1.1
33213-65-9	Endosulfan II	8.2	U	8.2	1.2
72-54-8	4,4'-DDD	8.2	U	8.2	0.98
1031-07-8	Endosulfan sulfate	8.2	U	8.2	1.1
50-29-3	4,4'-DDT	8.2	U	8.2	1.0
72-43-5	Methoxychlor	8.2	U	8.2	0.92
53494-70-5	Endrin ketone	8.2	U	8.2	1.2
7421-93-4	Endrin aldehyde	8.2	U	8.2	2.0
5103-71-9	alpha-Chlordane	8.2	U	8.2	1.7
5103-74-2	gamma-Chlordane	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		53-150
877-09-8	Tetrachloro-m-xylene	79		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694117.D
Lab Smp Id: 460-32125-D-3-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 09:52
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-3-C
Misc Info : 460-32125-D-3-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	18.46154	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.060	2.057	0.003	117837 39.4554	32	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	104255 45.6213	37	80.00- 120.00	100.00			

Data File: WR694117.D

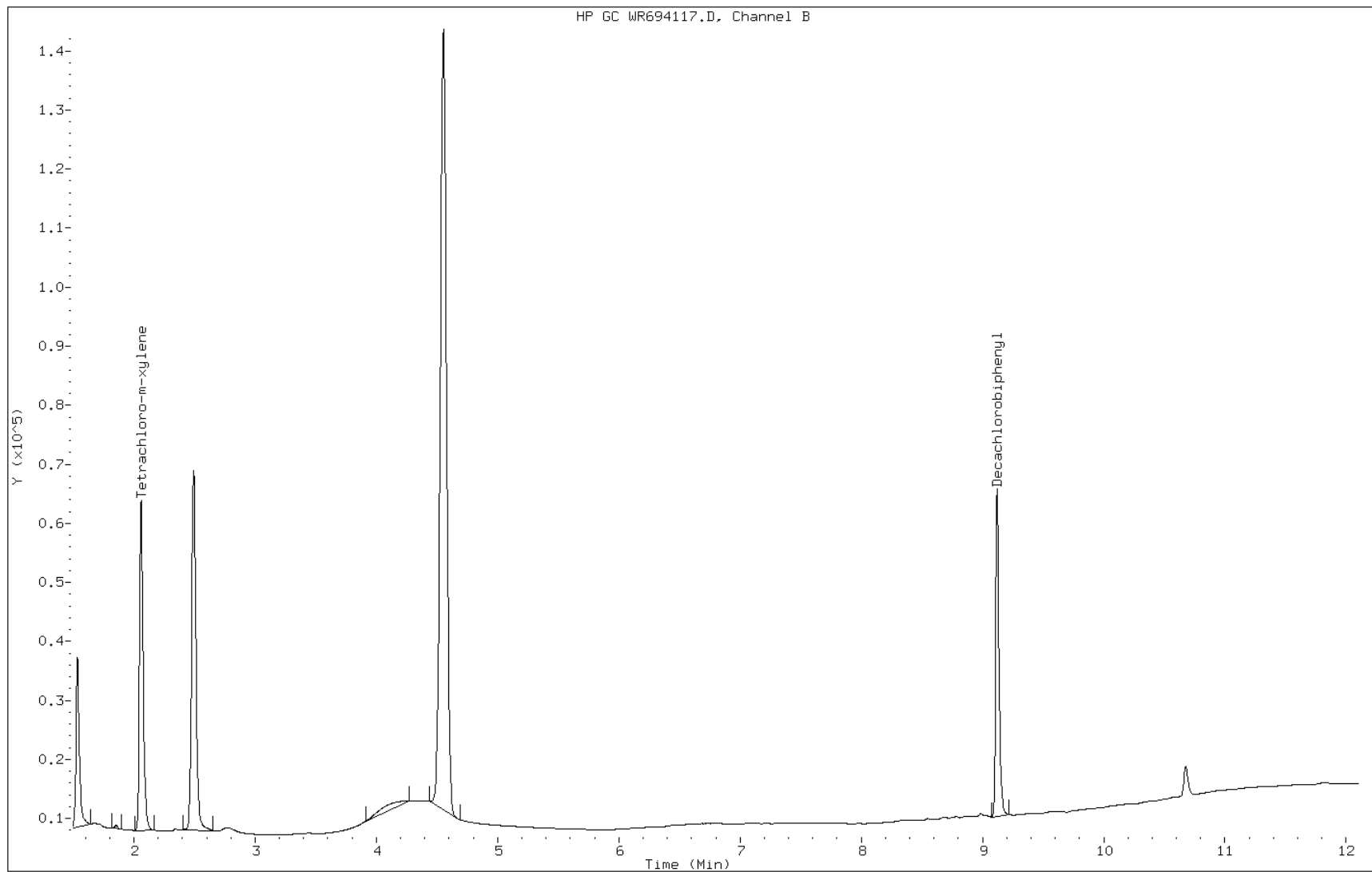
Date: 11-OCT-2011 09:52

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-3-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: WF694118.D
Analysis Method: 8081A Date Collected: 10/05/2011 12:15
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 10:06
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 57.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	166	X	53-150
877-09-8	Tetrachloro-m-xylene	80		40-150

Data File: WF694118.D
Report Date: 12-Oct-2011 11:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694118.D
Lab Smp Id: 460-32125-D-4-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:06
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-4-C
Misc Info : 460-32125-D-4-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	57.41176	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene					CAS #: 877-09-8			
2.580	2.580	0.000	140720	40.1238	63	80.00- 120.00	100.00		

\$ 30	Decachlorobiphenyl					CAS #: 2051-24-3			
10.080	10.077	0.003	172278	82.8693	130	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF694118.D

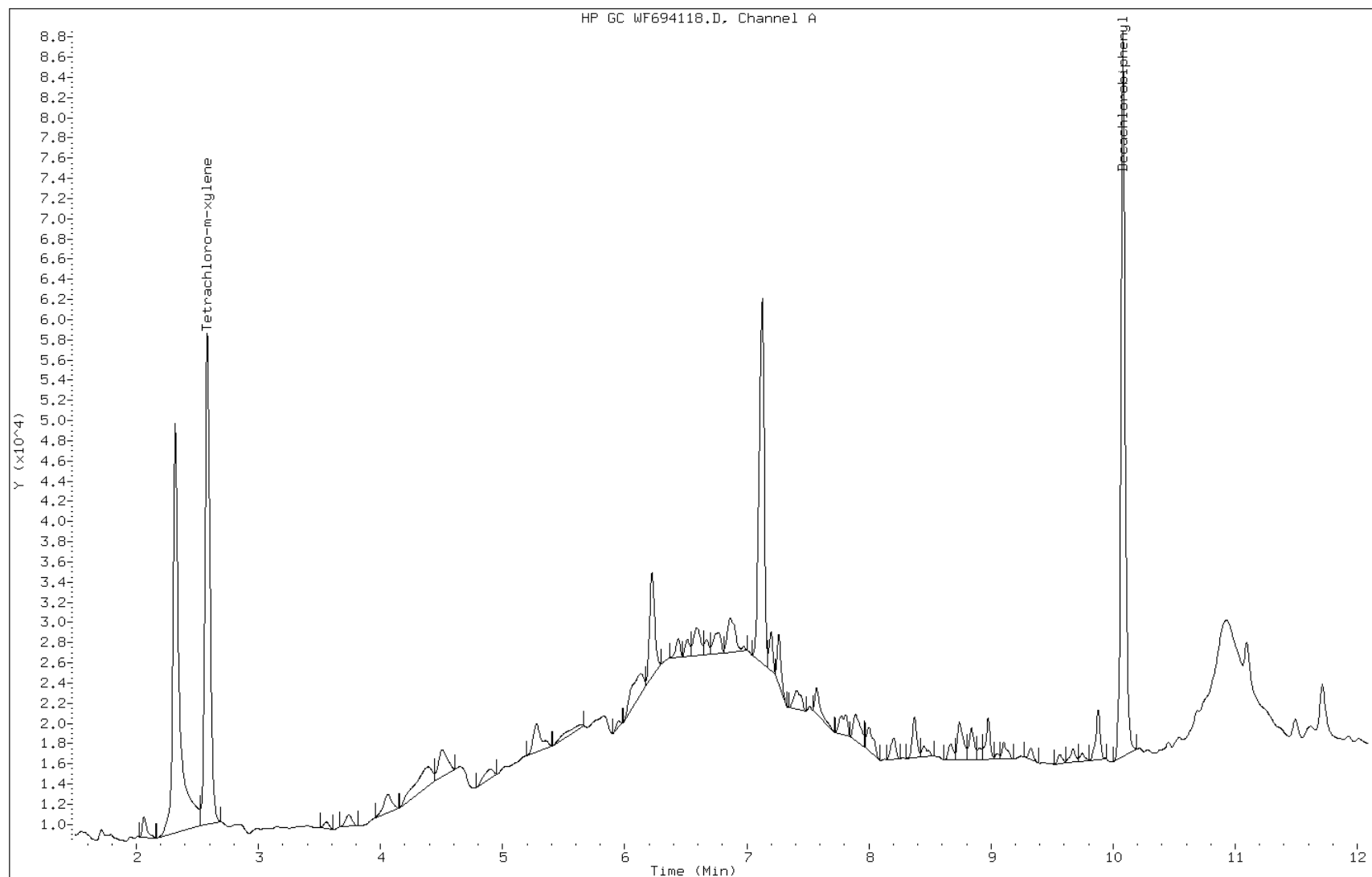
Date: 11-OCT-2011 10:06

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-4-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
 Matrix: Solid Lab File ID: WR694118.D
 Analysis Method: 8081A Date Collected: 10/05/2011 12:15
 Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 10:06
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 57.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	16	U	16	2.9
319-85-7	beta-BHC	16	U	16	2.1
319-86-8	delta-BHC	16	U	16	2.4
58-89-9	gamma-BHC (Lindane)	16	U	16	1.8
76-44-8	Heptachlor	16	U	16	2.3
309-00-2	Aldrin	16	U	16	3.5
1024-57-3	Heptachlor epoxide	16	U	16	3.2
959-98-8	Endosulfan I	16	U	16	3.3
60-57-1	Dieldrin	16	U	16	3.0
72-55-9	4,4'-DDE	16	U	16	3.1
72-20-8	Endrin	16	U	16	2.2
33213-65-9	Endosulfan II	16	U	16	2.4
72-54-8	4,4'-DDD	16	U	16	1.9
1031-07-8	Endosulfan sulfate	16	U	16	2.0
50-29-3	4,4'-DDT	16	U	16	2.0
72-43-5	Methoxychlor	16	U	16	1.8
53494-70-5	Endrin ketone	16	U	16	2.3
7421-93-4	Endrin aldehyde	16	U	16	3.9
5103-71-9	alpha-Chlordane	16	U	16	3.3
5103-74-2	gamma-Chlordane	16	U	16	3.2
8001-35-2	Toxaphene	160	U	160	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88	p	53-150
877-09-8	Tetrachloro-m-xylene	79		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694118.D
Lab Smp Id: 460-32125-D-4-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:06
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-4-C
Misc Info : 460-32125-D-4-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	57.41176	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.057	2.057	0.000	117943	39.4907	62	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.120	9.120	0.000	100828	44.1218	69	80.00- 120.00	100.00		

Data File: WR694118.D

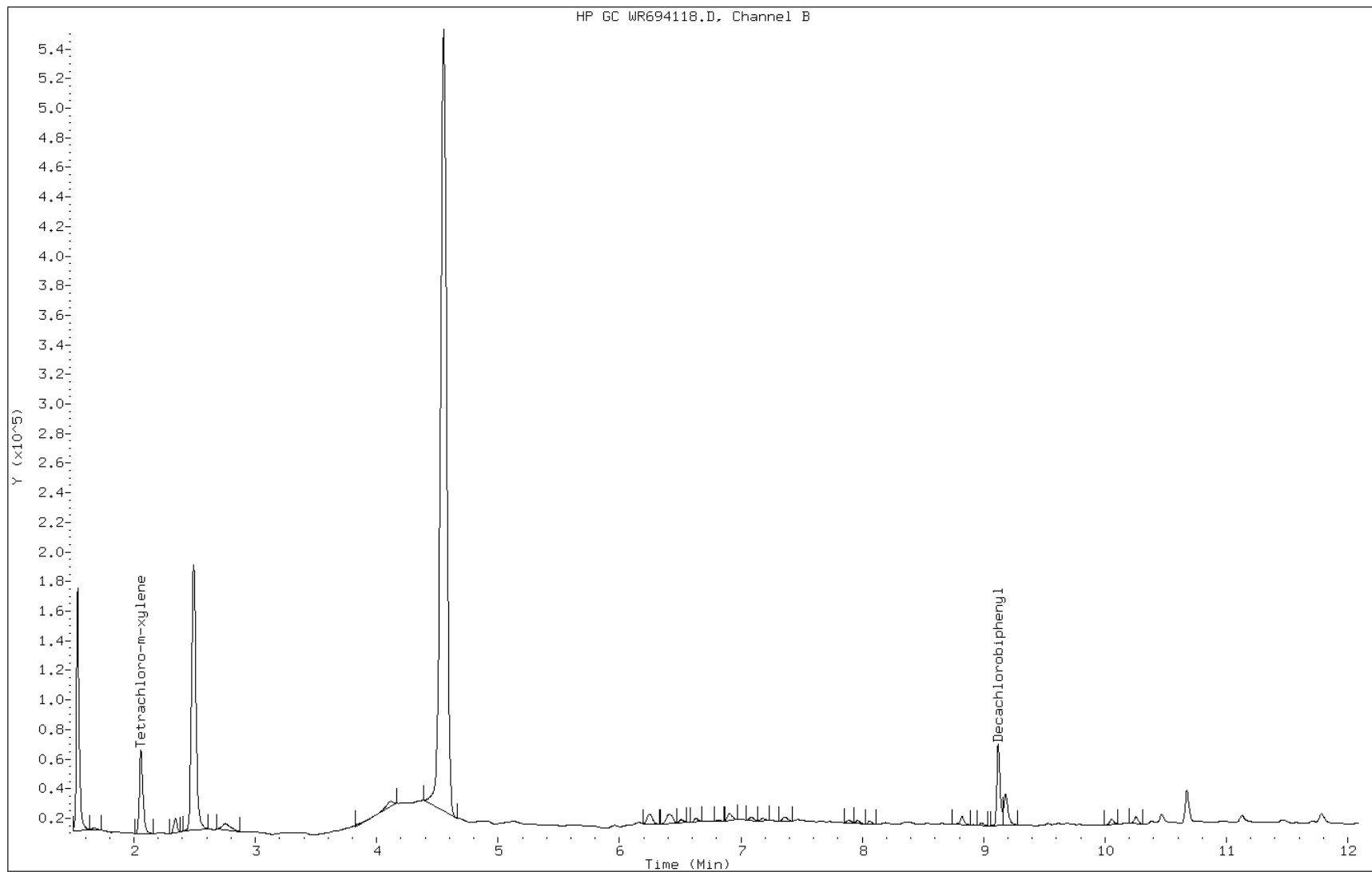
Date: 11-OCT-2011 10:06

Client ID: SO-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-4-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: WF694119.D
Analysis Method: 8081A Date Collected: 10/05/2011 12:30
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.03(g) Date Analyzed: 10/11/2011 10:20
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 67.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	148		53-150
877-09-8	Tetrachloro-m-xylene	77		40-150

Data File: WF694119.D
Report Date: 12-Oct-2011 11:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694119.D
Lab Smp Id: 460-32125-D-5-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:20
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-5-C
Misc Info : 460-32125-D-5-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	67.67677	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.580	2.580	0.000	135182	38.5449	79	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.080	10.077	0.003	153541	73.8566	150	80.00- 120.00	100.00		

Data File: WF694119.D

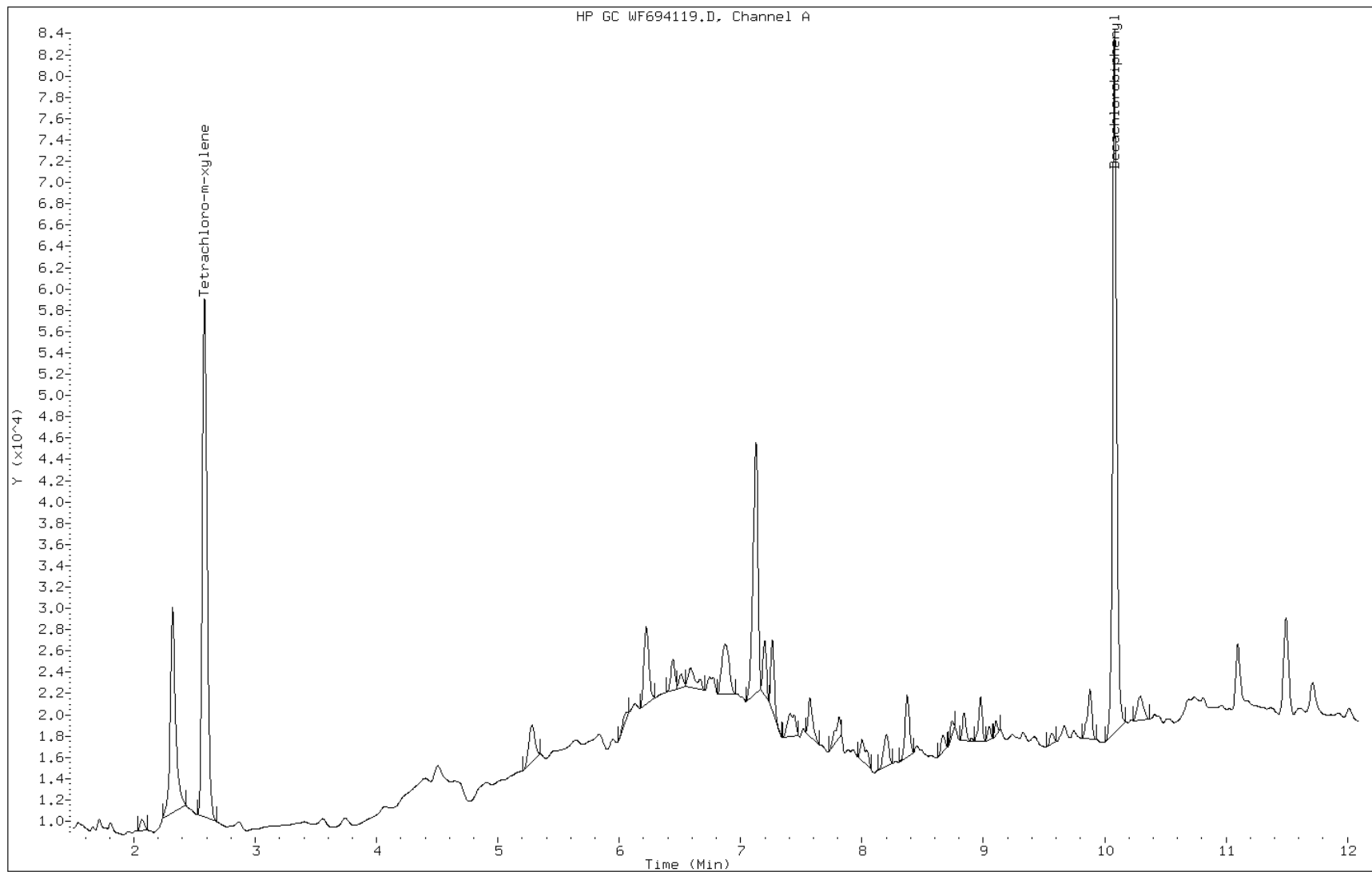
Date: 11-OCT-2011 10:20

Client ID: SO-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-5-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5

Matrix: Solid Lab File ID: WR694119.D

Analysis Method: 8081A Date Collected: 10/05/2011 12:30

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.03(g) Date Analyzed: 10/11/2011 10:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 67.7 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	21	U	21	3.8
319-85-7	beta-BHC	21	U	21	2.8
319-86-8	delta-BHC	21	U	21	3.1
58-89-9	gamma-BHC (Lindane)	21	U	21	2.4
76-44-8	Heptachlor	21	U	21	3.0
309-00-2	Aldrin	21	U	21	4.5
1024-57-3	Heptachlor epoxide	21	U	21	4.2
959-98-8	Endosulfan I	21	U	21	4.4
60-57-1	Dieldrin	21	U	21	4.0
72-55-9	4,4'-DDE	21	U	21	4.0
72-20-8	Endrin	21	U	21	2.9
33213-65-9	Endosulfan II	21	U	21	3.1
72-54-8	4,4'-DDD	21	U	21	2.5
1031-07-8	Endosulfan sulfate	21	U	21	2.7
50-29-3	4,4'-DDT	21	U	21	2.6
72-43-5	Methoxychlor	21	U	21	2.3
53494-70-5	Endrin ketone	21	U	21	3.1
7421-93-4	Endrin aldehyde	21	U	21	5.2
5103-71-9	alpha-Chlordane	21	U	21	4.4
5103-74-2	gamma-Chlordane	21	U	21	4.2
8001-35-2	Toxaphene	210	U	210	43

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90	p	53-150
877-09-8	Tetrachloro-m-xylene	80		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694119.D
Lab Smp Id: 460-32125-D-5-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:20
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-5-C
Misc Info : 460-32125-D-5-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.03000	Weight of sample extracted (g)
M	67.67677	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.060	2.057	0.003	119454	39.9965	82	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.120	9.120	0.000	102558	44.8787	92	80.00- 120.00	100.00		

Data File: WR694119.D

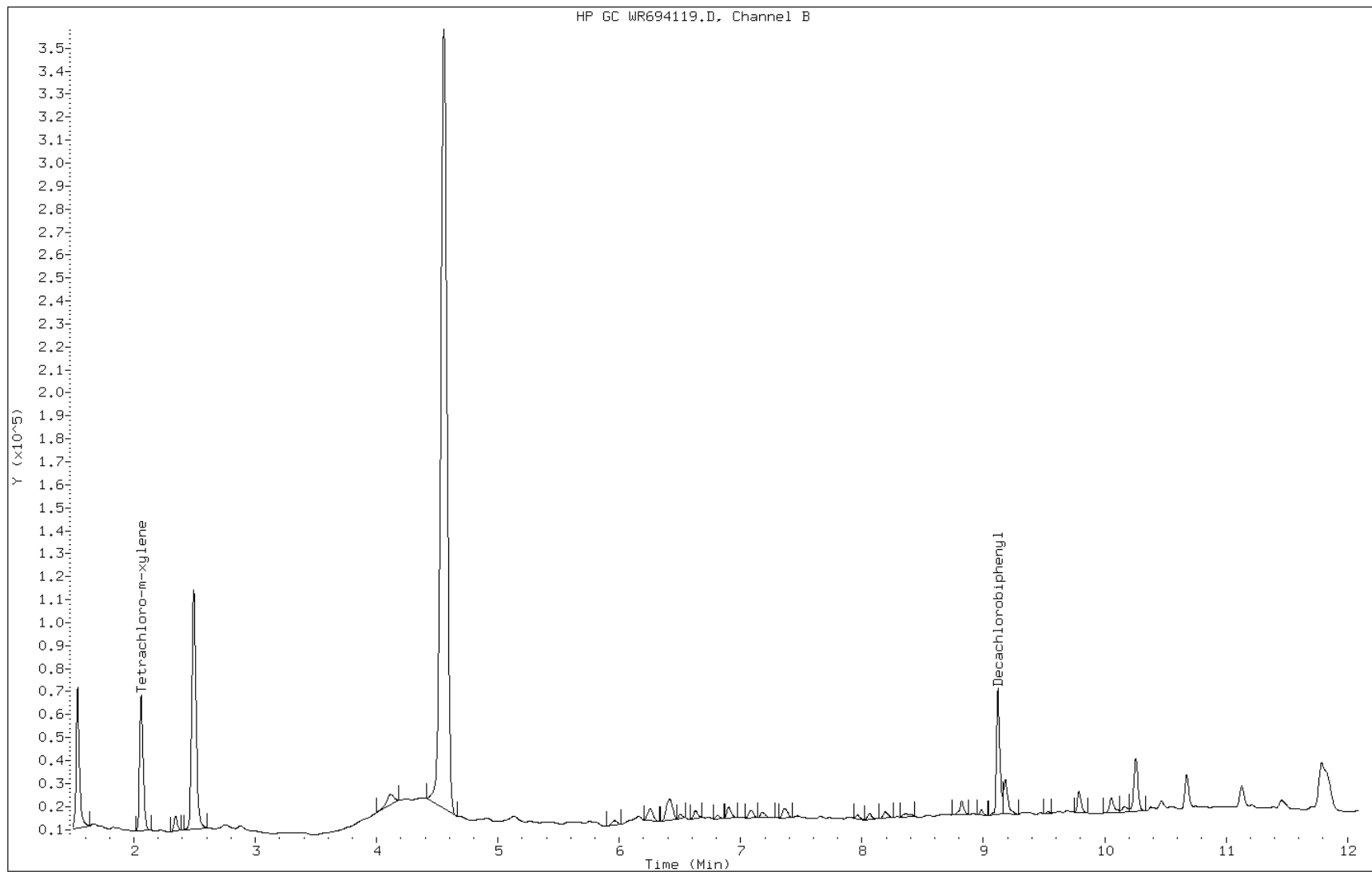
Date: 11-OCT-2011 10:20

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-5-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: WF694120.D
Analysis Method: 8081A Date Collected: 10/05/2011 12:50
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.01(g) Date Analyzed: 10/11/2011 10:34
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 30.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	181	X	53-150
877-09-8	Tetrachloro-m-xylene	81		40-150

Data File: WF694120.D
Report Date: 12-Oct-2011 11:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694120.D
Lab Smp Id: 460-32125-D-6-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:34
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-6-C
Misc Info : 460-32125-D-6-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	30.04695	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene					CAS #: 877-09-8			
2.580	2.580	0.000	141866	40.4507	38	80.00- 120.00	100.00		

\$ 30	Decachlorobiphenyl					CAS #: 2051-24-3			
10.080	10.077	0.003	187869	90.3690	86	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF694120.D

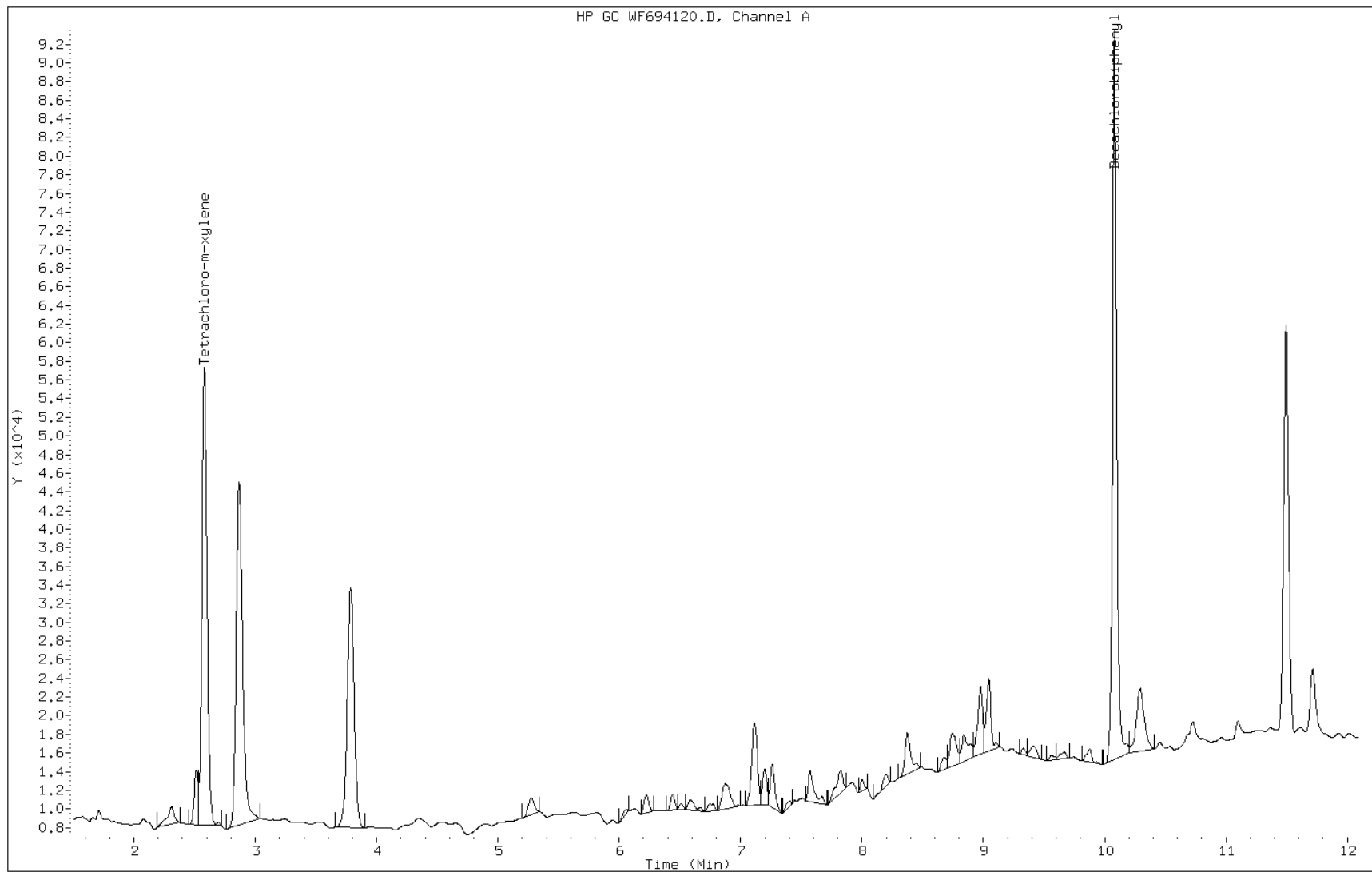
Date: 11-OCT-2011 10:34

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-6-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6

Matrix: Solid Lab File ID: WR694120.D

Analysis Method: 8081A Date Collected: 10/05/2011 12:50

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.01(g) Date Analyzed: 10/11/2011 10:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 30.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	9.6	U	9.6	1.8
319-85-7	beta-BHC	9.6	U	9.6	1.3
319-86-8	delta-BHC	9.6	U	9.6	1.5
58-89-9	gamma-BHC (Lindane)	9.6	U	9.6	1.1
76-44-8	Heptachlor	9.6	U	9.6	1.4
309-00-2	Aldrin	9.6	U	9.6	2.1
1024-57-3	Heptachlor epoxide	9.6	U	9.6	1.9
959-98-8	Endosulfan I	9.6	U	9.6	2.0
60-57-1	Dieldrin	9.6	U	9.6	1.8
72-55-9	4,4'-DDE	9.6	U	9.6	1.9
72-20-8	Endrin	9.6	U	9.6	1.3
33213-65-9	Endosulfan II	9.6	U	9.6	1.4
72-54-8	4,4'-DDD	9.6	U	9.6	1.1
1031-07-8	Endosulfan sulfate	9.6	U	9.6	1.2
50-29-3	4,4'-DDT	9.6	U	9.6	1.2
72-43-5	Methoxychlor	9.6	U	9.6	1.1
53494-70-5	Endrin ketone	9.6	U	9.6	1.4
7421-93-4	Endrin aldehyde	9.6	U	9.6	2.4
5103-71-9	alpha-Chlordane	9.6	U	9.6	2.0
5103-74-2	gamma-Chlordane	9.6	U	9.6	2.0
8001-35-2	Toxaphene	96	U	96	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95	p	53-150
877-09-8	Tetrachloro-m-xylene	80		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694120.D
Lab Smp Id: 460-32125-D-6-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:34
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-6-C
Misc Info : 460-32125-D-6-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.01000	Weight of sample extracted (g)
M	30.04695	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.057	2.057	0.000	119530	40.0221	38	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	108614	47.5285	45	80.00-	120.00	100.00	

Data File: WR694120.D

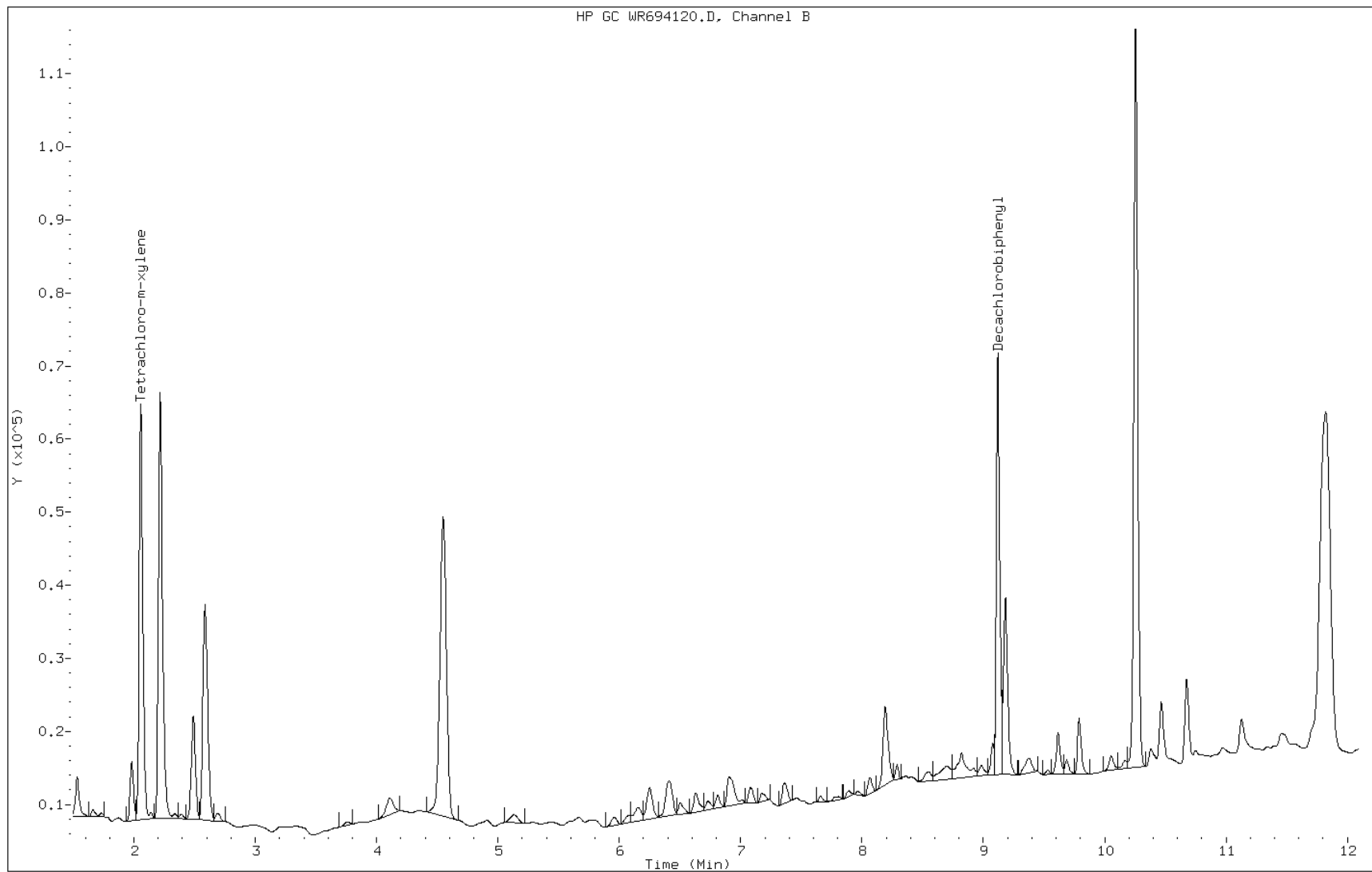
Date: 11-OCT-2011 10:34

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-6-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: WF694121.D
Analysis Method: 8081A Date Collected: 10/05/2011 13:15
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 10:48
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 20.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		53-150
877-09-8	Tetrachloro-m-xylene	73		40-150

Data File: WF694121.D
Report Date: 12-Oct-2011 11:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694121.D
Lab Smp Id: 460-32125-D-7-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:48
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-7-C
Misc Info : 460-32125-D-7-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	20.68127	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.580	2.580	0.000	127783	36.4352	30	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.080	10.077	0.003	98249	47.2598	40	80.00- 120.00	100.00		

Data File: WF694121.D

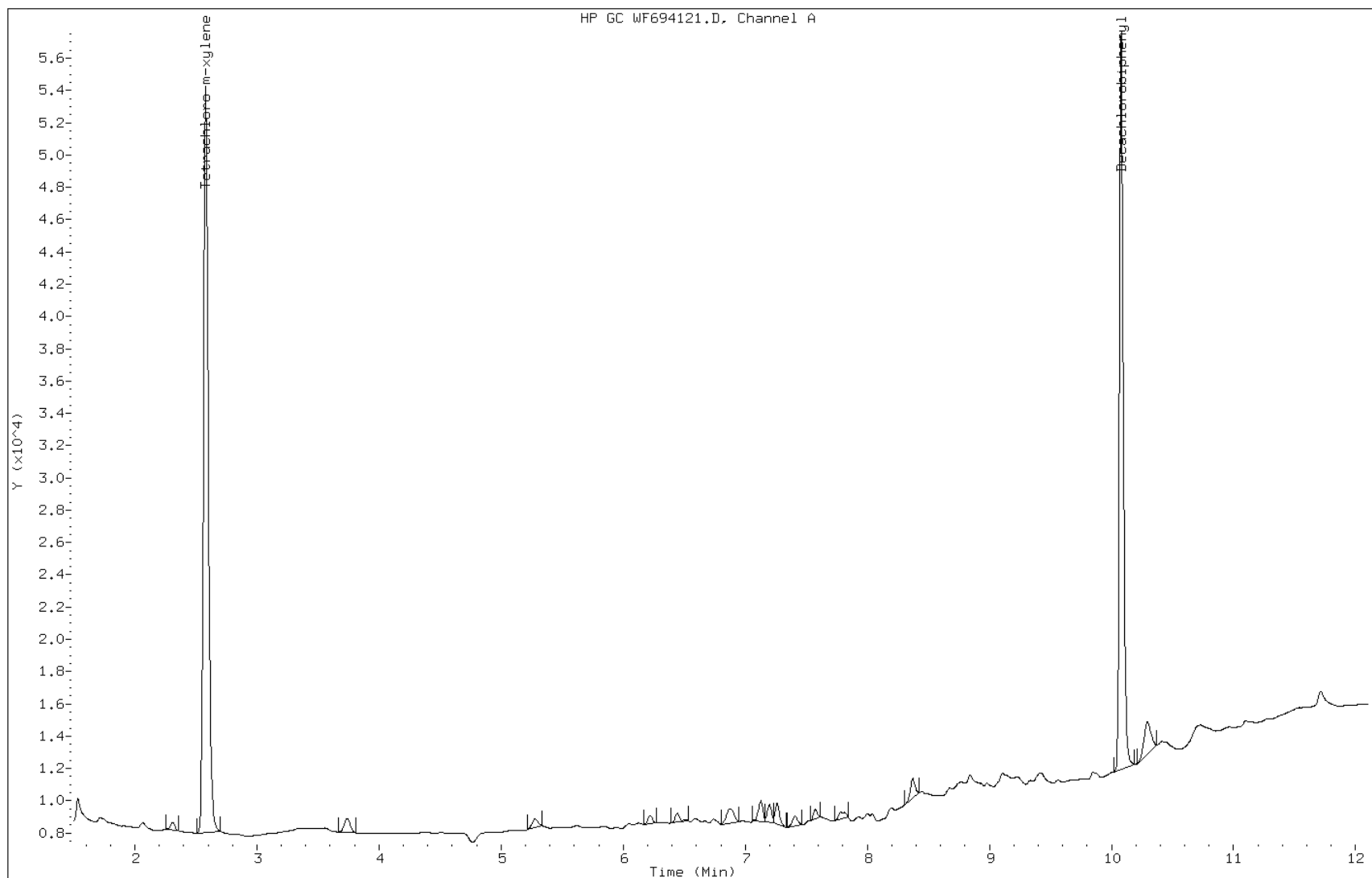
Date: 11-OCT-2011 10:48

Client ID: S0-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-7-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7

Matrix: Solid Lab File ID: WR694121.D

Analysis Method: 8081A Date Collected: 10/05/2011 13:15

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 10:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.7 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.4	U	8.4	1.6
319-85-7	beta-BHC	8.4	U	8.4	1.1
319-86-8	delta-BHC	8.4	U	8.4	1.3
58-89-9	gamma-BHC (Lindane)	8.4	U	8.4	0.98
76-44-8	Heptachlor	8.4	U	8.4	1.2
309-00-2	Aldrin	8.4	U	8.4	1.8
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.7
959-98-8	Endosulfan I	8.4	U	8.4	1.8
60-57-1	Dieldrin	8.4	U	8.4	1.6
72-55-9	4,4'-DDE	8.4	U	8.4	1.6
72-20-8	Endrin	8.4	U	8.4	1.2
33213-65-9	Endosulfan II	8.4	U	8.4	1.3
72-54-8	4,4'-DDD	8.4	U	8.4	1.0
1031-07-8	Endosulfan sulfate	8.4	U	8.4	1.1
50-29-3	4,4'-DDT	8.4	U	8.4	1.1
72-43-5	Methoxychlor	8.4	U	8.4	0.94
53494-70-5	Endrin ketone	8.4	U	8.4	1.2
7421-93-4	Endrin aldehyde	8.4	U	8.4	2.1
5103-71-9	alpha-Chlordane	8.4	U	8.4	1.8
5103-74-2	gamma-Chlordane	8.4	U	8.4	1.7
8001-35-2	Toxaphene	84	U	84	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		53-150
877-09-8	Tetrachloro-m-xylene	74		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694121.D
Lab Smp Id: 460-32125-D-7-C Client Smp ID: SO-17338-100511-MM-
Inj Date : 11-OCT-2011 10:48
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-7-C
Misc Info : 460-32125-D-7-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	20.68127	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.060	2.057	0.003	111193	37.2307	31	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	97214	42.5403	36	80.00-	120.00	100.00	

Data File: WR694121.D

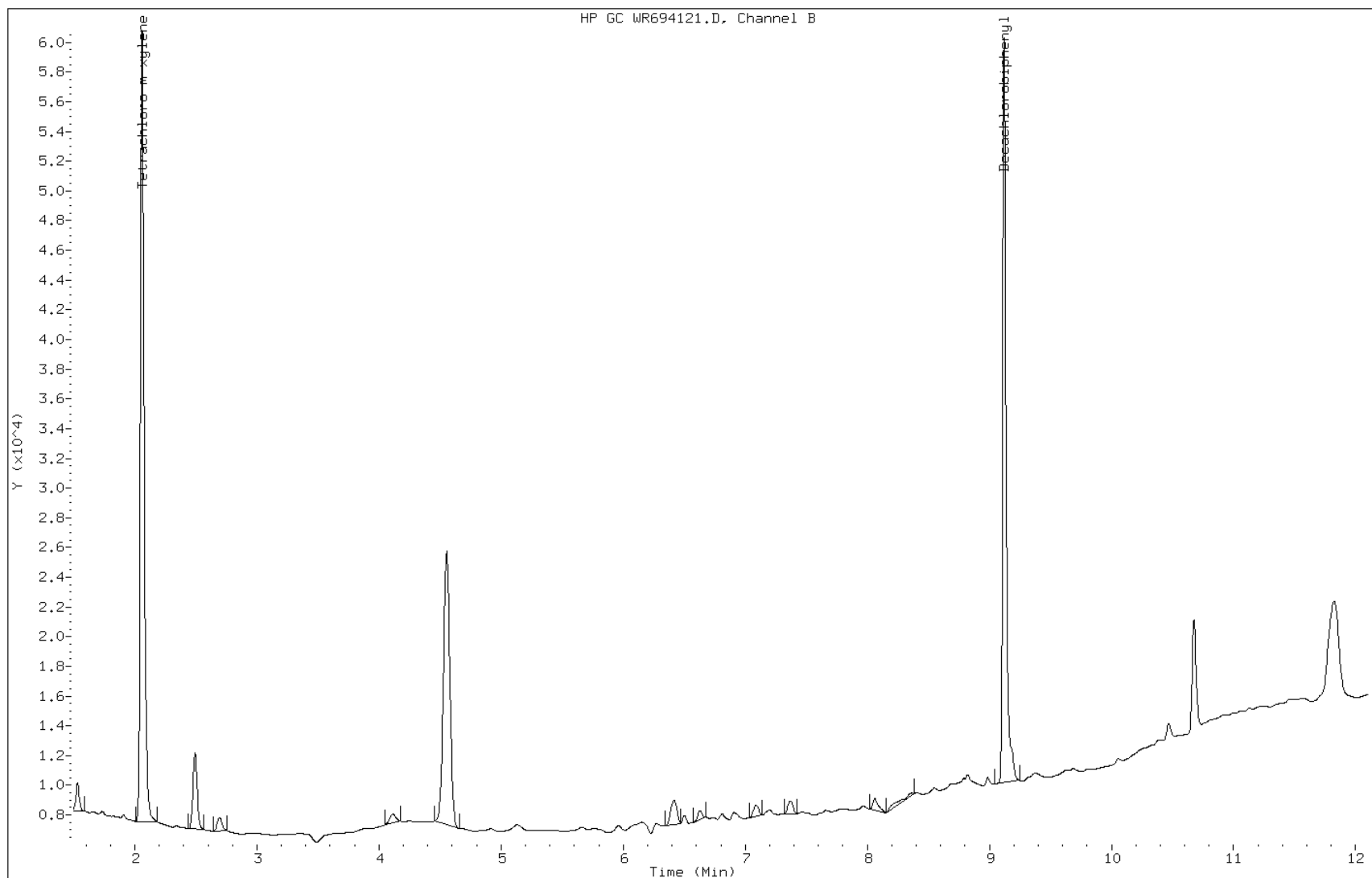
Date: 11-OCT-2011 10:48

Client ID: SO-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-7-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: WF694122.D
Analysis Method: 8081A Date Collected: 10/05/2011 14:00
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 11:01
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150
877-09-8	Tetrachloro-m-xylene	92		40-150

Data File: WF694122.D
Report Date: 12-Oct-2011 11:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694122.D
Lab Smp Id: 460-32125-D-8-G Client Smp ID: FB-17338-100511-MM-
Inj Date : 11-OCT-2011 11:01
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-G
Misc Info : 460-32125-D-8-G
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.580	2.580	0.000	160559 45.7807	30	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.080	10.077	0.003	113742 54.7125	36	80.00- 120.00	100.00			

Data File: WF694122.D

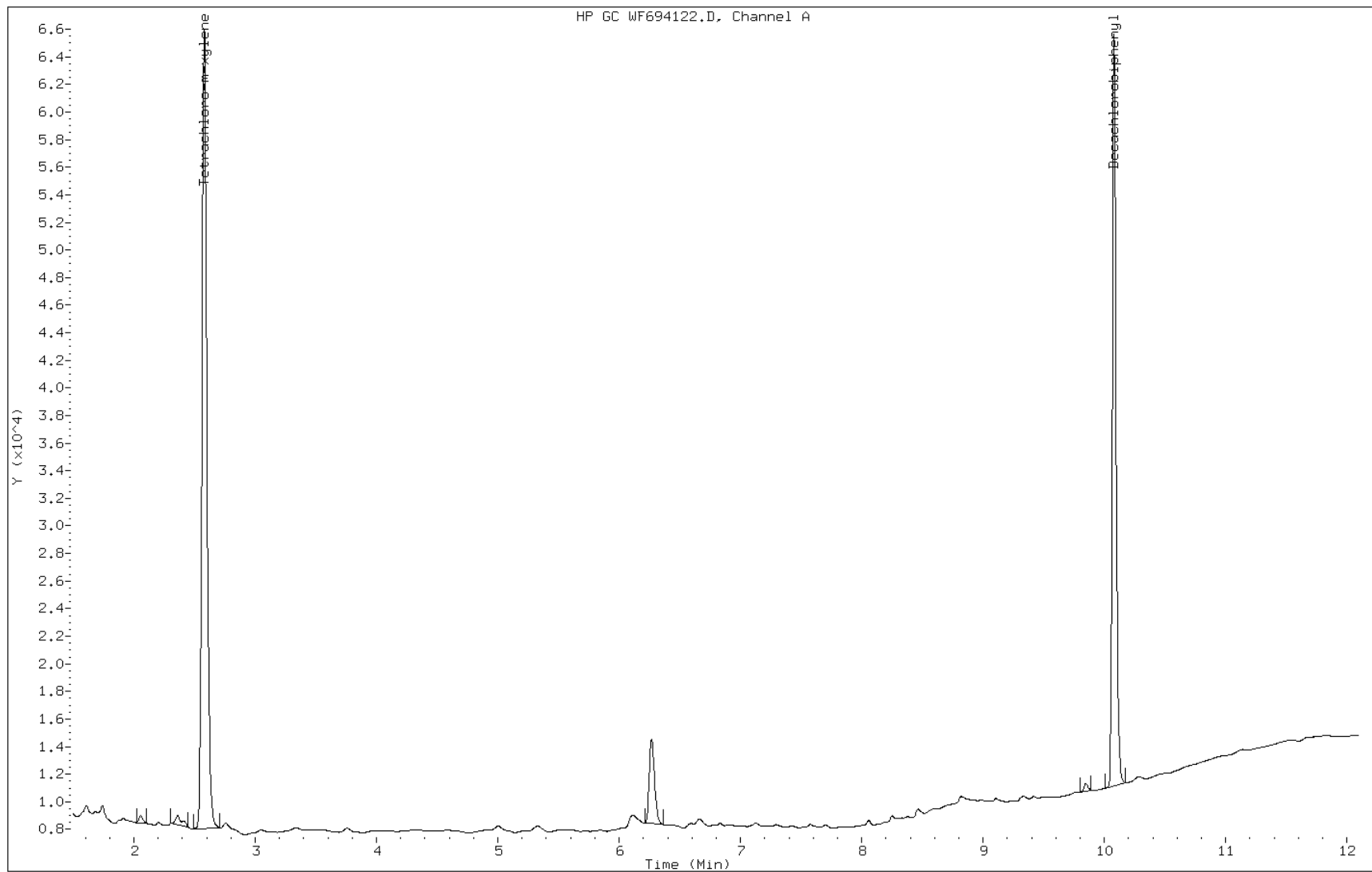
Date: 11-OCT-2011 11:01

Client ID: FB-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-G

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8

Matrix: Solid Lab File ID: WR694122.D

Analysis Method: 8081A Date Collected: 10/05/2011 14:00

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 11:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	6.7	U	6.7	1.2
319-85-7	beta-BHC	6.7	U	6.7	0.91
319-86-8	delta-BHC	6.7	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	0.78
76-44-8	Heptachlor	6.7	U	6.7	0.96
309-00-2	Aldrin	6.7	U	6.7	1.5
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.4
959-98-8	Endosulfan I	6.7	U	6.7	1.4
60-57-1	Dieldrin	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	0.94
33213-65-9	Endosulfan II	6.7	U	6.7	1.0
72-54-8	4,4'-DDD	6.7	U	6.7	0.80
1031-07-8	Endosulfan sulfate	6.7	U	6.7	0.86
50-29-3	4,4'-DDT	6.7	U	6.7	0.84
72-43-5	Methoxychlor	6.7	U	6.7	0.75
53494-70-5	Endrin ketone	6.7	U	6.7	0.99
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.7
5103-71-9	alpha-Chlordane	6.7	U	6.7	1.4
5103-74-2	gamma-Chlordane	6.7	U	6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150
877-09-8	Tetrachloro-m-xylene	93		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694122.D
Lab Smp Id: 460-32125-D-8-G Client Smp ID: FB-17338-100511-MM-
Inj Date : 11-OCT-2011 11:01
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-G
Misc Info : 460-32125-D-8-G
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.057	2.057	0.000	138907	46.5101	31	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	117547	51.4379	34	80.00-	120.00	100.00	

Data File: WR694122.D

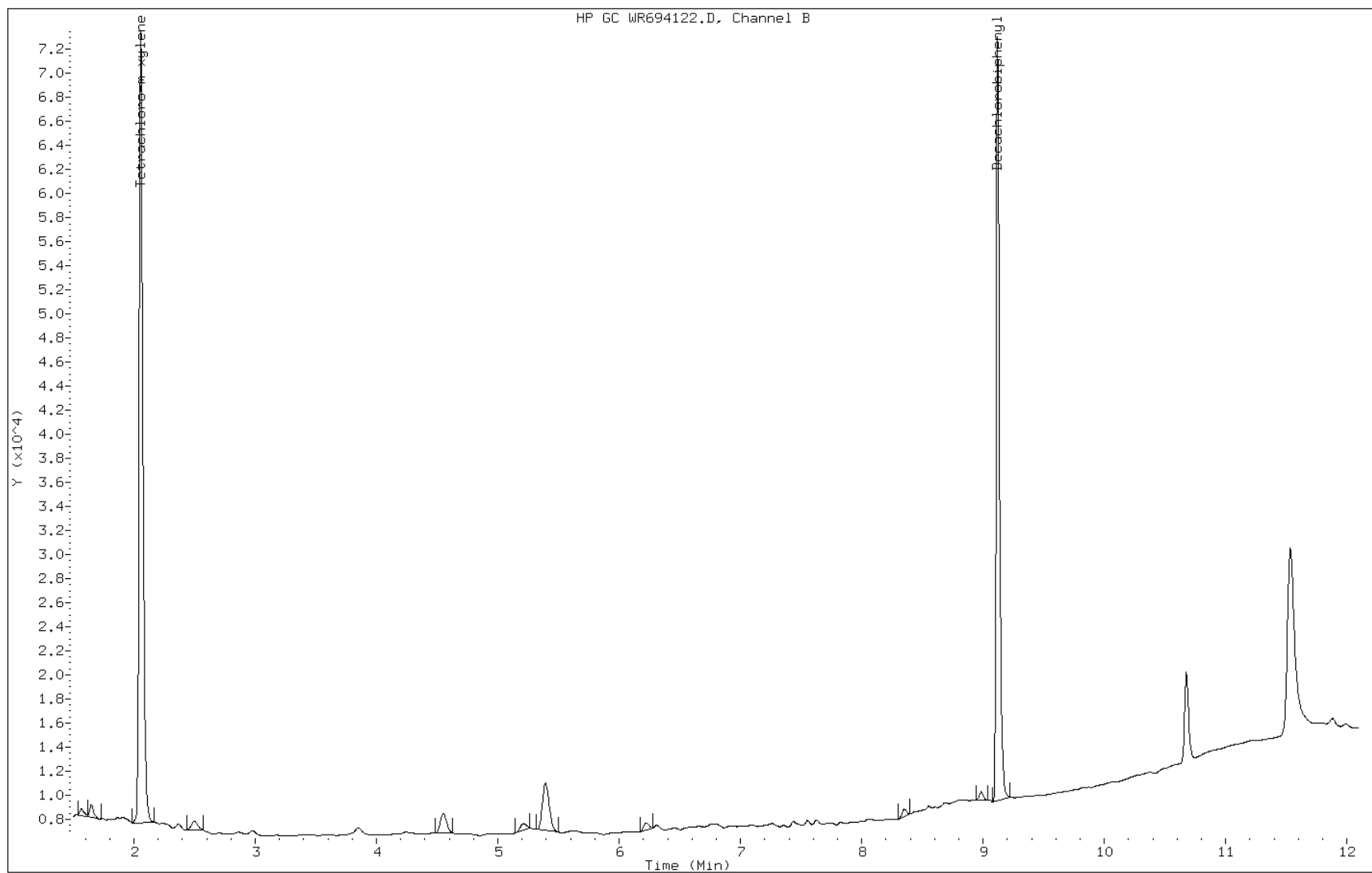
Date: 11-OCT-2011 11:01

Client ID: FB-17338-100511-MM-

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-G

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WF693763.D
Level 2	IC 460-88010/7	WF693764.D
Level 3	IC 460-88010/5	WF693762.D
Level 4	IC 460-88010/8	WF693765.D
Level 5	IC 460-88010/9	WF693766.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.877	3.870	3.870	3.877	3.870						3.823 - 3.923	3.873
gamma-BHC (Lindane)	4.647	4.640	4.640	4.643	4.640						4.593 - 4.693	4.642
beta-BHC	4.803	4.800	4.800	4.803	4.800						4.753 - 4.853	4.801
delta-BHC	5.450	5.447	5.447	5.447	5.443						5.397 - 5.497	5.447
Heptachlor	5.623	5.620	5.623	5.623	5.620						5.573 - 5.673	5.622
Aldrin	6.277	6.273	6.277	6.273	6.273						6.227 - 6.327	6.275
Heptachlor epoxide	6.920	6.917	6.917	6.917	6.917						6.847 - 6.987	6.917
gamma-Chlordane	7.117	7.117	7.117	7.113	7.113						7.047 - 7.187	7.115
alpha-Chlordane	7.270	7.270	7.270	7.270	7.270						7.200 - 7.340	7.270
Endosulfan I	7.343	7.343	7.343	7.340	7.340						7.270 - 7.410	7.342
4,4'-DDE	7.417	7.417	7.417	7.417	7.417						7.347 - 7.487	7.417
Dieldrin	7.637	7.633	7.637	7.633	7.633						7.567 - 7.707	7.635
Endrin	7.980	7.977	7.977	7.977	7.977						7.907 - 8.047	7.977
4,4'-DDD	8.053	8.053	8.053	8.050	8.050						7.983 - 8.123	8.052
Endosulfan II	8.203	8.203	8.203	8.203	8.203						8.133 - 8.273	8.203
4,4'-DDT	8.373	8.370	8.370	8.370	8.370						8.300 - 8.440	8.371
Endrin aldehyde	8.497	8.497	8.497	8.497	8.497						8.427 - 8.567	8.497
Endosulfan sulfate	8.700	8.700	8.700	8.700	8.700						8.630 - 8.770	8.700
Methoxychlor	8.867	8.863	8.863	8.863	8.863						8.793 - 8.933	8.864
Endrin ketone	9.087	9.083	9.087	9.083	9.083						9.013 - 9.153	9.085
Tetrachloro-m-xylene	2.597	2.593	2.593	2.597	2.593						2.547 - 2.647	2.595
DCB Decachlorobiphenyl	10.087	10.083	10.083	10.083	10.083						9.983 - 10.183	10.084

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WF693763.D
Level 2	IC 460-88010/7	WF693764.D
Level 3	IC 460-88010/5	WF693762.D
Level 4	IC 460-88010/8	WF693765.D
Level 5	IC 460-88010/9	WF693766.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	4410.6 4548.3	4630.8	4748.3	4876.1	Ave		4642.81040				3.9		20.0			
gamma-BHC (Lindane)	4261.4 4151.7	4304.4	4348.1	4466.1	Ave		4306.32520				2.7		20.0			
beta-BHC	2256.4 1882.4	2087.4	2025.6	2036.1	Ave		2057.59080				6.5		20.0			
delta-BHC	3824.5 4065.0	4095.1	4208.6	4349.7	Ave		4108.56320				4.7		20.0			
Heptachlor	3752.5 3578.9	3664.7	3700.7	3831.6	Ave		3705.67280				2.6		20.0			
Aldrin	4019.6 3603.2	3789.7	3829.9	3871.4	Ave		3822.77040				3.9		20.0			
Heptachlor epoxide	3564.2 3004.1	3262.1	3193.2	3228.4	Ave		3250.40400				6.2		20.0			
gamma-Chlordane	3708.7 3232.0	3418.1	3356.1	3444.6	Ave		3431.88560				5.1		20.0			
alpha-Chlordane	3555.2 2979.3	3225.9	3126.2	3188.2	Ave		3214.95920				6.6		20.0			
Endosulfan I	3283.0 2884.7	3071.9	3003.3	3110.1	Ave		3070.59080				4.8		20.0			
4,4'-DDE	3192.6 3057.1	3134.4	3112.8	3229.3	Ave		3145.21800				2.1		20.0			
Dieldrin	3306.9 3088.7	3218.9	3182.6	3293.6	Ave		3218.10880				2.8		20.0			
Endrin	2542.0 2330.1	2401.7	2339.0	2449.9	Ave		2412.55040				3.6		20.0			
4,4'-DDD	2526.7 2513.8	2506.6	2462.2	2637.0	Ave		2529.26200				2.6		20.0			
Endosulfan II	2896.3 2597.5	2695.6	2633.9	2750.9	Ave		2714.83440				4.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12498

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2126.8 2212.1	2069.4	2089.0	2252.7	Ave		2150.00200				3.7		20.0			
Endrin aldehyde	2271.8 1925.0	2005.5	1957.6	2038.4	Ave		2039.64560				6.7		20.0			
Endosulfan sulfate	2258.6 2120.9	2073.2	2096.1	2189.8	Ave		2147.70960				3.5		20.0			
Methoxychlor	1079.0 1001.0	971.52	977.60	1018.3	Ave		1009.48360				4.3		20.0			
Endrin ketone	2592.1 2384.0	2421.7	2369.4	2489.6	Ave		2451.35520				3.7		20.0			
Tetrachloro-m-xylene	3680.5 3275.3	3783.4	3343.0	3453.6	Ave		3507.14833				6.2		20.0			
DCB Decachlorobiphenyl	2195.2 1959.3	2249.8	1938.9	2051.3	Ave		2078.91333				6.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WF693763.D
Level 2	IC 460-88010/7	WF693764.D
Level 3	IC 460-88010/5	WF693762.D
Level 4	IC 460-88010/8	WF693765.D
Level 5	IC 460-88010/9	WF693766.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	44106	231539	474825	1219035	2274141	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	42614	215219	434807	1116524	2075840	10.0	50.0	100	250	500
beta-BHC	Ave	22564	104371	202556	509032	941223	10.0	50.0	100	250	500
delta-BHC	Ave	38245	204754	420860	1087419	2032480	10.0	50.0	100	250	500
Heptachlor	Ave	37525	183233	370074	957888	1789456	10.0	50.0	100	250	500
Aldrin	Ave	40196	189487	382993	967845	1801601	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	35642	163106	319317	807107	1502051	10.0	50.0	100	250	500
gamma-Chlordane	Ave	37087	170906	335608	861139	1615986	10.0	50.0	100	250	500
alpha-Chlordane	Ave	35552	161297	312616	797057	1489634	10.0	50.0	100	250	500
Endosulfan I	Ave	32830	153596	300325	777531	1442330	10.0	50.0	100	250	500
4,4'-DDE	Ave	31926	156720	311277	807317	1528526	10.0	50.0	100	250	500
Dieldrin	Ave	33069	160943	318255	823392	1544333	10.0	50.0	100	250	500
Endrin	Ave	25420	120085	233904	612487	1165032	10.0	50.0	100	250	500
4,4'-DDD	Ave	25267	125328	246219	659262	1256906	10.0	50.0	100	250	500
Endosulfan II	Ave	28963	134782	263388	687713	1298750	10.0	50.0	100	250	500
4,4'-DDT	Ave	21268	103468	208898	563184	1106067	10.0	50.0	100	250	500
Endrin aldehyde	Ave	22718	100275	195757	509597	962485	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	22586	103660	209610	547446	1060432	10.0	50.0	100	250	500
Methoxychlor	Ave	10790	48576	97760	254586	500477	10.0	50.0	100	250	500
Endrin ketone	Ave	25921	121084	236943	622403	1191977	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	92012	189170	334298	518035	655063	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	54881	112491	193888	307696	391864	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693762.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 03-OCT-2011 06:32
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693765.D
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.593	2.593	0.000	334298	100.000	95	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.870	3.870	0.000	474825	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.640	4.640	0.000	434807	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.800	4.800	0.000	202556	100.000	98	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.447	5.447	0.000	420860	100.000	100	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.623	5.623	0.000	370074	100.000	100	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.277	6.277	0.000	382993	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.917	6.917	0.000	319317	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.117	7.117	0.000	335608	100.000	98	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.270	7.270	0.000	312616	100.000	97	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.343	7.343	0.000	300325	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.417	7.417	0.000	311277	100.000	99	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.637	7.637	0.000	318255	100.000	99	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.977	7.977	0.000	233904	100.000	97	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.053	8.053	0.000	246219	100.000	97	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.203	8.203	0.000	263388	100.000	97	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.370	8.370	0.000	208898	100.000	97	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
8.497	8.497	0.000	195757	100.000	96	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.700	8.700	0.000	209610	100.000	98	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.863	8.863	0.000	97760	100.000	97	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.087	9.087	0.000	236943	100.000	97	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WF693762.D
Report Date: 03-Oct-2011 08:21

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		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.083	10.083	0.000	193888	100.000	93	80.00-	120.00	100.00	

Data File: WF693762.D

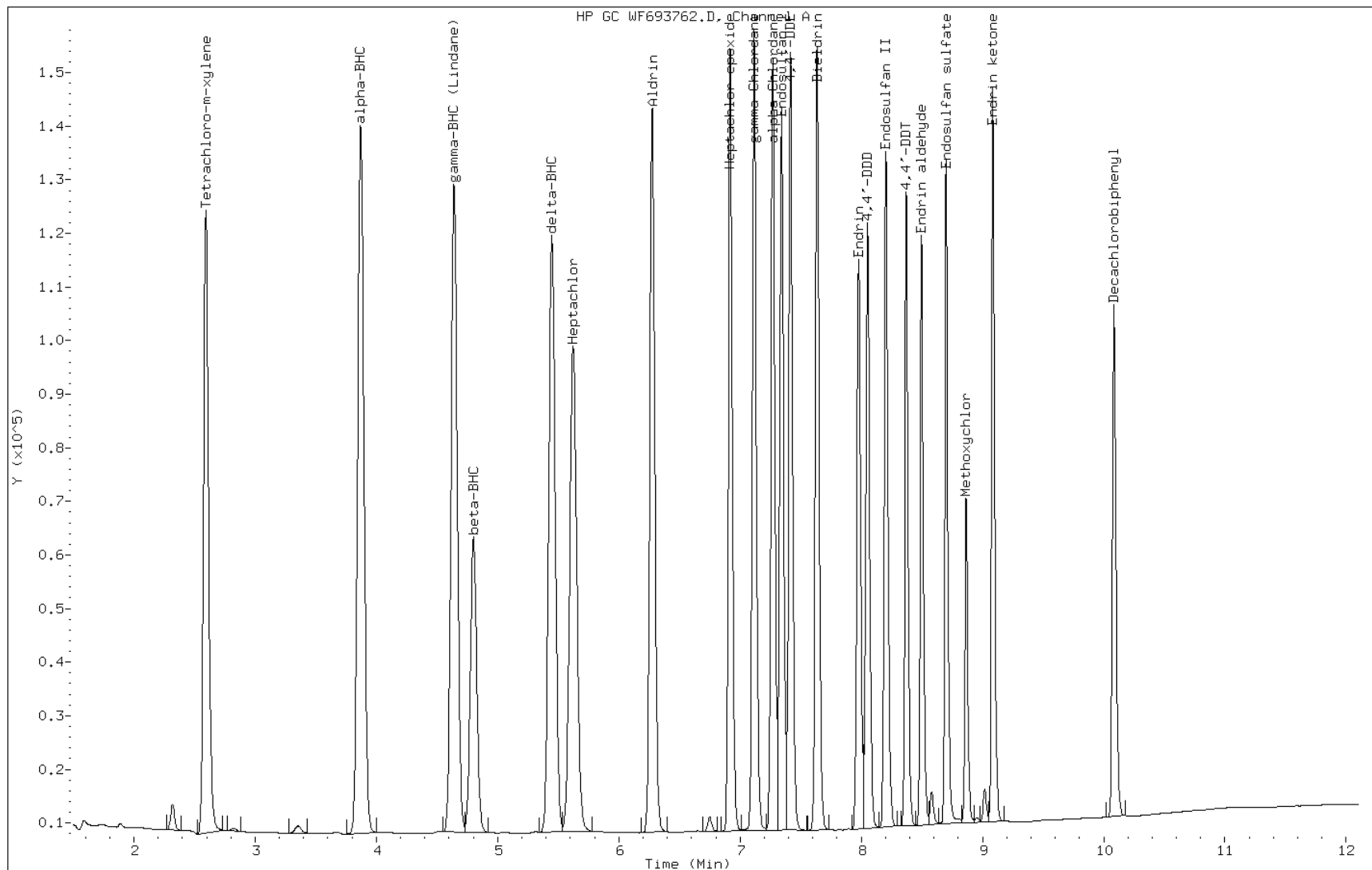
Date: 03-OCT-2011 06:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693763.D
Lab Smp Id: SGPESTL1_00012
Inj Date : 03-OCT-2011 06:46
Operator :
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:27
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693766.D
Calibration Sample, Level: 1
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.593	0.004	92012	25.0000	26	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.877	3.870	0.007	44106	10.0000	9.5	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.647	4.640	0.007	42614	10.0000	9.9	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.803	4.800	0.003	22564	10.0000	11	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.450	5.447	0.003	38245	10.0000	9.3	80.00- 120.00	100.00	

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor					CAS #:	76-44-8		
5.623	5.623	0.000	37525	10.0000	10	80.00-	120.00	100.00

1 Aldrin					CAS #:	309-00-2		
6.277	6.277	0.000	40196	10.0000	10	80.00-	120.00	100.00

18 Heptachlor epoxide					CAS #:	1024-57-3		
6.920	6.917	0.003	35642	10.0000	11	80.00-	120.00	100.00

65 gamma-Chlordane					CAS #:	5103-74-2		
7.117	7.117	0.000	37087	10.0000	11	80.00-	120.00	100.00

66 alpha-Chlordane					CAS #:	5103-71-9		
7.270	7.270	0.000	35552	10.0000	11	80.00-	120.00	100.00

11 Endosulfan I					CAS #:	959-98-8		
7.343	7.343	0.000	32830	10.0000	11	80.00-	120.00	100.00

8 4,4'-DDE					CAS #:	72-55-9		
7.417	7.417	0.000	31926	10.0000	10	80.00-	120.00	100.00

10 Dieldrin					CAS #:	60-57-1		
7.637	7.637	0.000	33069	10.0000	10	80.00-	120.00	100.00

14 Endrin					CAS #:	72-20-8		
7.980	7.977	0.003	25420	10.0000	10	80.00-	120.00	100.00

7 4,4'-DDD					CAS #:	72-54-8		
8.053	8.053	0.000	25267	10.0000	10	80.00-	120.00	100.00

12 Endosulfan II					CAS #:	33213-65-9		
8.203	8.203	0.000	28963	10.0000	11	80.00-	120.00	100.00

9 4,4'-DDT					CAS #:	50-29-3		
8.373	8.370	0.003	21268	10.0000	9.9	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #:	7421-93-4		
8.497	8.497	0.000	22718	10.0000	11	80.00-	120.00	100.00

13 Endosulfan sulfate					CAS #:	1031-07-8		
8.700	8.700	0.000	22586	10.0000	10	80.00-	120.00	100.00

19 Methoxychlor					CAS #:	72-43-5		
8.867	8.863	0.004	10790	10.0000	11	80.00-	120.00	100.00

16 Endrin ketone					CAS #:	53494-70-5		
9.087	9.087	0.000	25921	10.0000	10	80.00-	120.00	100.00

Data File: WF693763.D
Report Date: 03-Oct-2011 08:21

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		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.087	10.083	0.004	54881	25.0000	26 80.00- 120.00	100.00					

Data File: WF693763.D

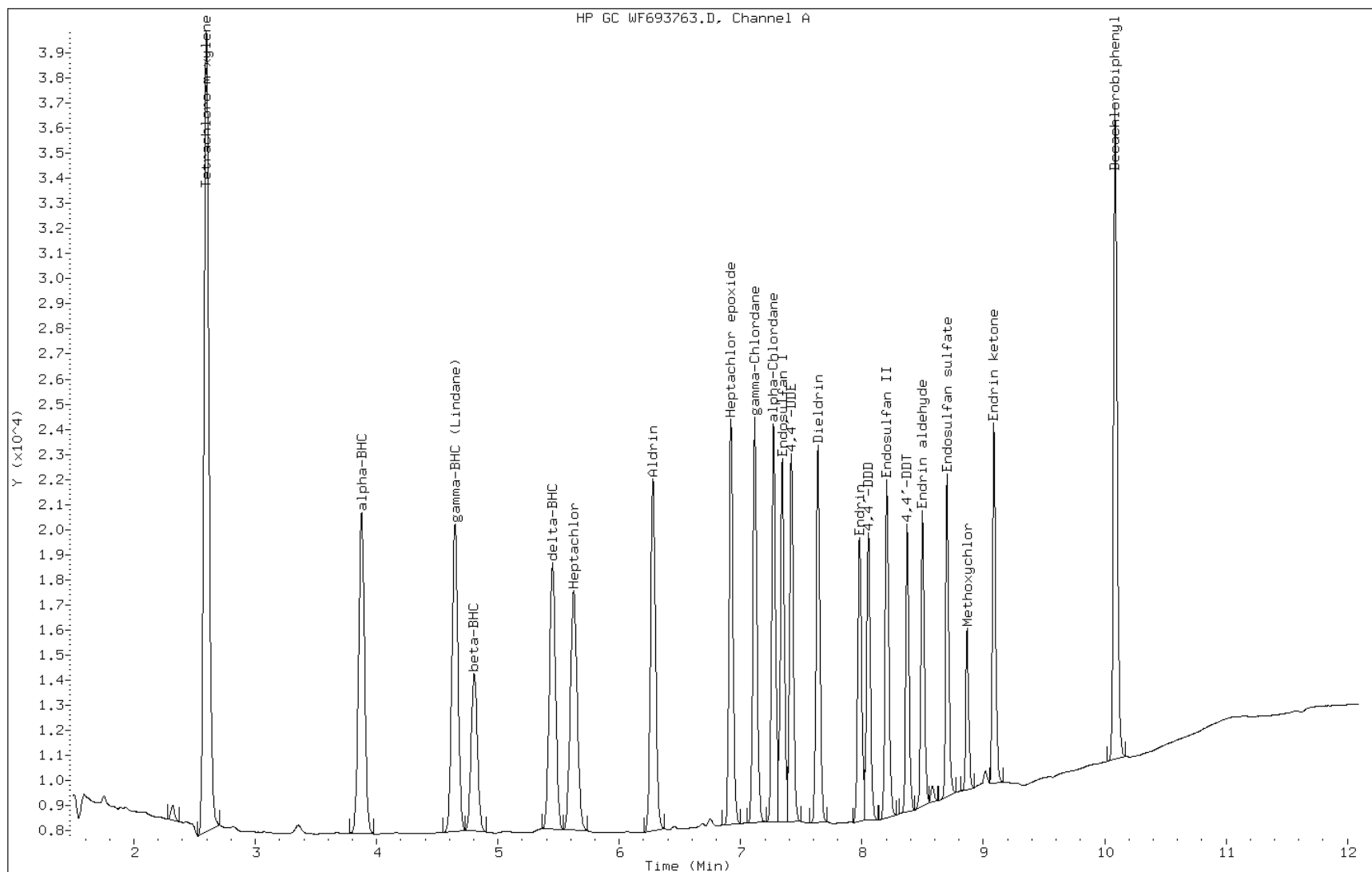
Date: 03-OCT-2011 06:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00012

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693764.D
Lab Smp Id: SGPESTL2_00009
Inj Date : 03-OCT-2011 07:00
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.593	2.597	-0.004	189170	50.0000	54	80.00- 120.00		100.00

2 alpha-BHC					CAS #: 319-84-6			
3.870	3.873	-0.003	231539	50.0000	50	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.640	4.643	-0.003	215219	50.0000	50	80.00- 120.00		100.00

3 beta-BHC					CAS #: 319-85-7			
4.800	4.803	-0.003	104371	50.0000	51	80.00- 120.00		100.00

4 delta-BHC					CAS #: 319-86-8			
5.447	5.447	0.000	204754	50.0000	50	80.00- 120.00		100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.620	5.623	-0.003	183233	50.0000	49	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.273	6.277	-0.004	189487	50.0000	50	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.917	6.917	0.000	163106	50.0000	50	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.117	7.117	0.000	170906	50.0000	50	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.270	7.270	0.000	161297	50.0000	50	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.343	7.340	0.003	153596	50.0000	50	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.417	7.417	0.000	156720	50.0000	50	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.633	7.637	-0.004	160943	50.0000	50	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.977	7.977	0.000	120085	50.0000	50	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.053	8.053	0.000	125328	50.0000	50	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.203	8.203	0.000	134782	50.0000	50	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.370	8.370	0.000	103468	50.0000	48	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
8.497	8.497	0.000	100275	50.0000	49	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.700	8.700	0.000	103660	50.0000	48	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.863	8.863	0.000	48576	50.0000	48	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.083	9.083	0.000	121084	50.0000	49	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WF693764.D
Report Date: 03-Oct-2011 08:21

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		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.083	10.083	0.000	112491	50.0000	54	80.00-	120.00	100.00	

Data File: WF693764.D

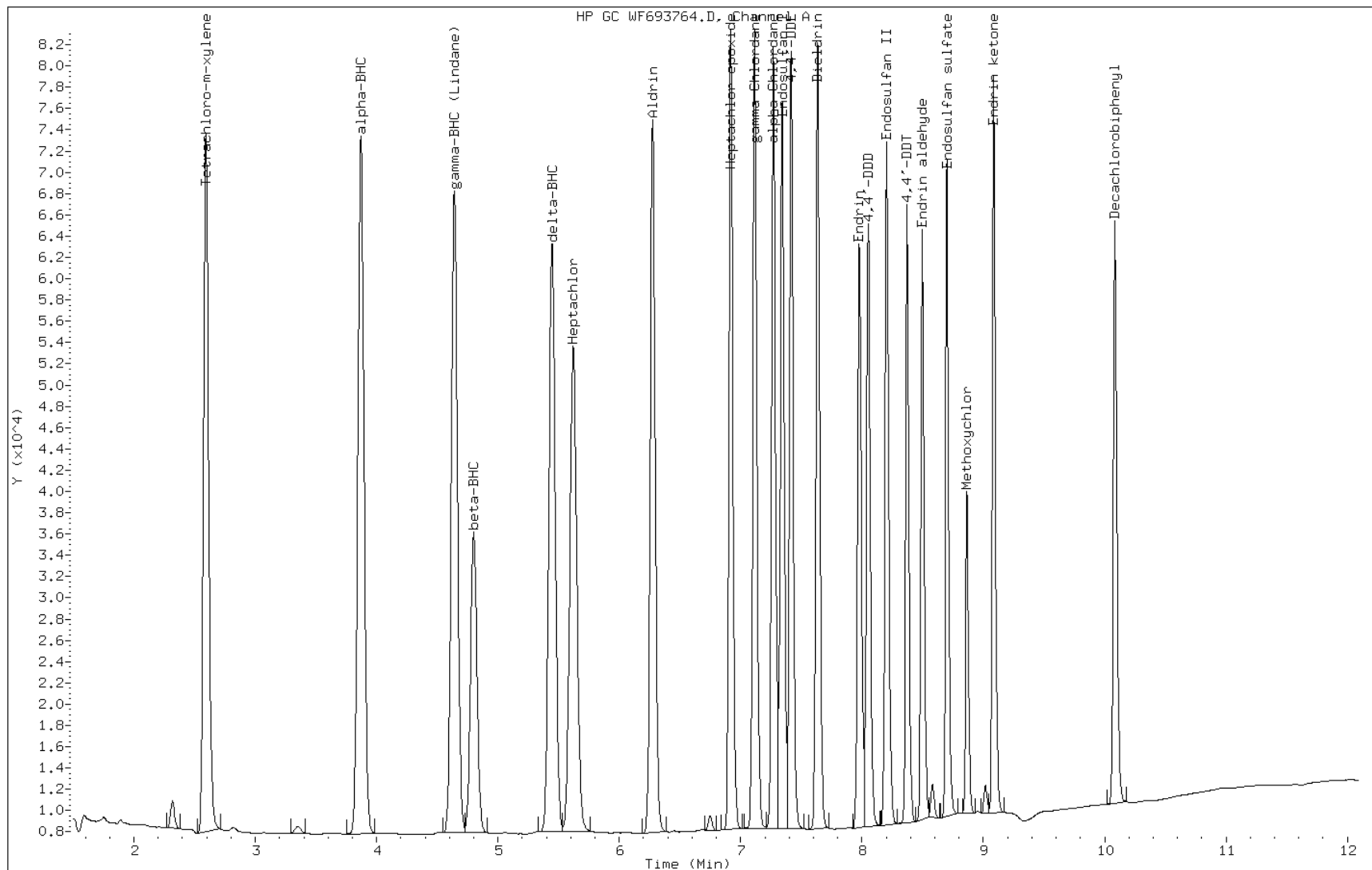
Date: 03-OCT-2011 07:00

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00009

Operator:



Data File: WF693765.D
Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693765.D
Lab Smp Id: SGPESTL4_00009
Inj Date : 03-OCT-2011 07:13
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:13 Cal File: WF693765.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.593	0.004	518035	150.000	150	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.877	3.870	0.007	1219035	250.000	260	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.643	4.640	0.003	1116524	250.000	260	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.803	4.800	0.003	509032	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.447	5.447	0.000	1087419	250.000	260	80.00- 120.00		100.00

Data File: WF693765.D
Report Date: 03-Oct-2011 08:21

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			CAL-AMT	RESPONSE (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
5.623	5.623	0.000	957888	250.000	260	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
6.273	6.277	-0.004	967845	250.000	250	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
6.917	6.917	0.000	807107	250.000	250	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
7.113	7.117	-0.004	861139	250.000	250	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
7.270	7.270	0.000	797057	250.000	250	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
7.340	7.343	-0.003	777531	250.000	250	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
7.417	7.417	0.000	807317	250.000	260	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
7.633	7.637	-0.004	823392	250.000	260	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
7.977	7.977	0.000	612487	250.000	250	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
8.050	8.053	-0.003	659262	250.000	260	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
8.203	8.203	0.000	687713	250.000	250	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
8.370	8.370	0.000	563184	250.000	260	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
8.497	8.497	0.000	509597	250.000	250	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
8.700	8.700	0.000	547446	250.000	250	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
8.863	8.863	0.000	254586	250.000	250	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
9.083	9.087	-0.004	622403	250.000	250	80.00- 120.00	100.00

Data File: WF693765.D
 Report Date: 03-Oct-2011 08:21

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.083	10.083	0.000	307696	150.000	150	80.00-	120.00	100.00	

Data File: WF693765.D

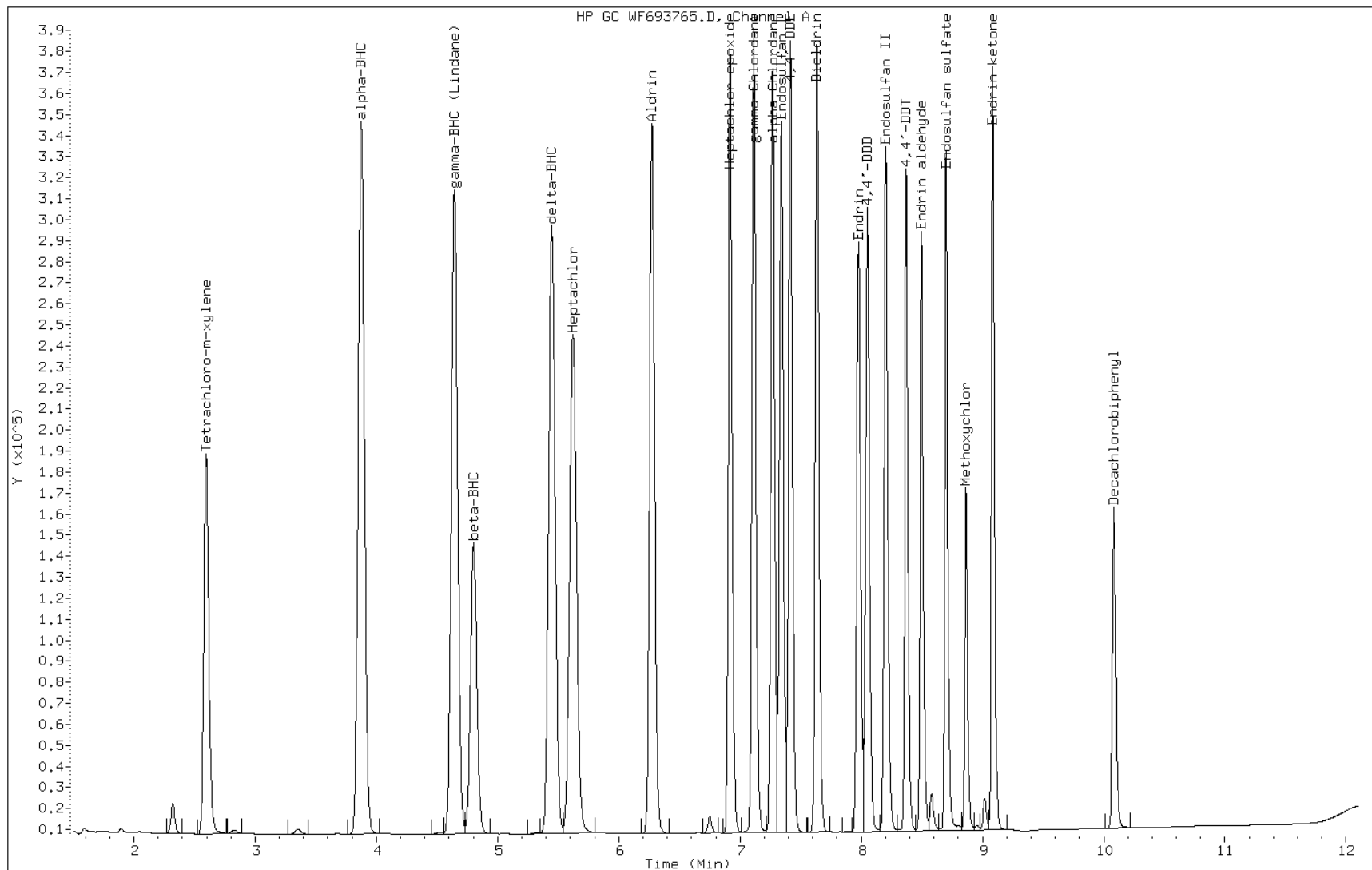
Date: 03-OCT-2011 07:13

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693766.D
Lab Smp Id: SGPESTL5_00009
Inj Date : 03-OCT-2011 07:27
Operator :
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Calibration Sample, Level: 5
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.593	2.597	-0.004	655063	200.000	190	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.870	3.873	-0.003	2274141	500.000	490	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.640	4.643	-0.003	2075840	500.000	480	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.800	4.803	-0.003	941223	500.000	460	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.443	5.447	-0.004	2032480	500.000	490	80.00- 120.00		100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.620	5.623	-0.003	1789456	500.000	480	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.273	6.277	-0.004	1801601	500.000	470	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.917	6.917	0.000	1502051	500.000	460	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.113	7.117	-0.004	1615986	500.000	470	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.270	7.270	0.000	1489634	500.000	460	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.340	7.340	0.000	1442330	500.000	470	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.417	7.417	0.000	1528526	500.000	480	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.633	7.637	-0.004	1544333	500.000	480	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.977	7.977	0.000	1165032	500.000	480	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.050	8.053	-0.003	1256906	500.000	500	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.203	8.203	0.000	1298750	500.000	480	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.370	8.370	0.000	1106067	500.000	510	80.00-	120.00	100.00(A)
CAS #: 50-29-3								

15 Endrin aldehyde								
8.497	8.497	0.000	962485	500.000	470	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.700	8.700	0.000	1060432	500.000	490	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.863	8.863	0.000	500477	500.000	500	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.083	9.083	0.000	1191977	500.000	490	80.00-	120.00	100.00
CAS #: 53494-70-5								

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.083	10.083	0.000	391864	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: WF693766.D

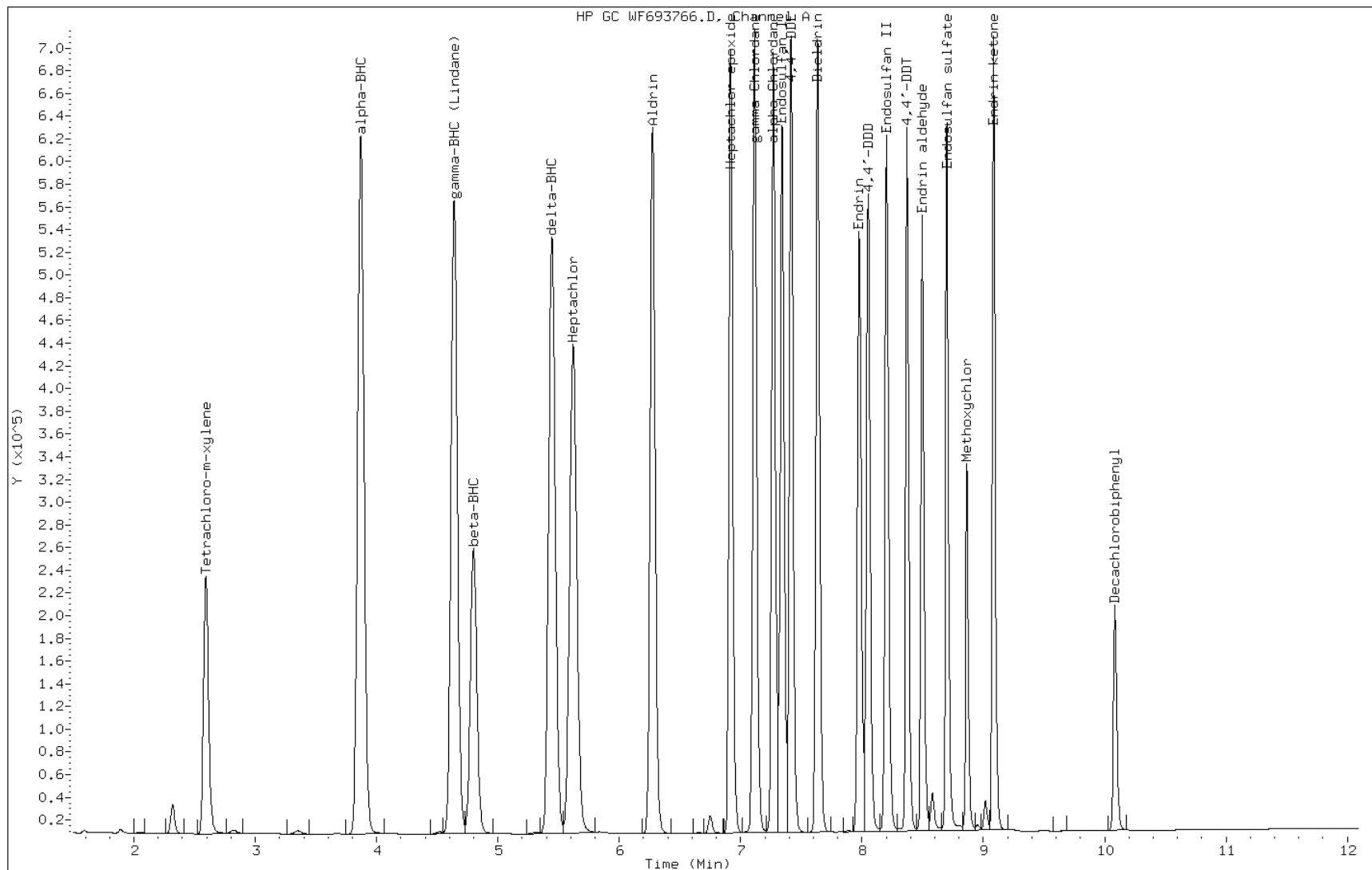
Date: 03-OCT-2011 07:27

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00009

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WR693763.D
Level 2	IC 460-88010/7	WR693764.D
Level 3	IC 460-88010/5	WR693762.D
Level 4	IC 460-88010/8	WR693765.D
Level 5	IC 460-88010/9	WR693766.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.737	2.733	2.733	2.737	2.730						2.687 - 2.787	2.734
gamma-BHC (Lindane)	3.360	3.353	3.357	3.353	3.353						3.307 - 3.407	3.355
beta-BHC	3.533	3.527	3.527	3.530	3.523						3.480 - 3.580	3.528
delta-BHC	3.883	3.877	3.873	3.883	3.873						3.830 - 3.930	3.878
Heptachlor	4.290	4.283	4.283	4.287	4.280						4.237 - 4.337	4.285
Aldrin	4.880	4.873	4.877	4.877	4.873						4.827 - 4.927	4.876
Heptachlor epoxide	6.097	6.093	6.093	6.093	6.093						6.027 - 6.167	6.094
gamma-Chlordane	6.280	6.277	6.277	6.277	6.273						6.207 - 6.347	6.277
alpha-Chlordane	6.443	6.440	6.440	6.440	6.440						6.370 - 6.510	6.441
4,4'-DDE	6.513	6.513	6.513	6.513	6.513						6.443 - 6.583	6.513
Endosulfan I	6.597	6.593	6.593	6.593	6.593						6.523 - 6.663	6.594
Dieldrin	6.830	6.830	6.830	6.827	6.830						6.760 - 6.900	6.829
Endrin	7.063	7.063	7.063	7.060	7.063						6.993 - 7.133	7.063
4,4'-DDD	7.110	7.110	7.110	7.110	7.110						7.040 - 7.180	7.110
Endosulfan II	7.287	7.287	7.287	7.287	7.287						7.217 - 7.357	7.287
4,4'-DDT	7.390	7.390	7.390	7.390	7.387						7.320 - 7.460	7.389
Endrin aldehyde	7.720	7.717	7.717	7.717	7.717						7.647 - 7.787	7.717
Methoxychlor	7.887	7.883	7.883	7.883	7.883						7.813 - 7.953	7.884
Endosulfan sulfate	8.183	8.180	8.180	8.180	8.180						8.110 - 8.250	8.181
Endrin ketone	8.433	8.433	8.433	8.433	8.433						8.363 - 8.503	8.433
Tetrachloro-m-xylene	2.073	2.070	2.070	2.073	2.070						2.023 - 2.123	2.071
DCB Decachlorobiphenyl	9.127	9.123	9.123	9.123	9.123						9.023 - 9.223	9.124

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WR693763.D
Level 2	IC 460-88010/7	WR693764.D
Level 3	IC 460-88010/5	WR693762.D
Level 4	IC 460-88010/8	WR693765.D
Level 5	IC 460-88010/9	WR693766.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3965.0 3985.7	4109.7	4178.6	4268.7	Ave		4101.53000				3.1		20.0			
gamma-BHC (Lindane)	3788.5 3747.6	3871.1	3861.4	4027.6	Ave		3859.24040				2.8		20.0			
beta-BHC	2040.5 1690.5	1885.4	1824.5	1834.9	Ave		1855.18000				6.8		20.0			
delta-BHC	3439.4 3671.4	3666.0	3748.7	3929.1	Ave		3690.93360				4.8		20.0			
Heptachlor	4074.6 3475.7	3814.5	3757.6	3809.7	Ave		3786.40800				5.6		20.0			
Aldrin	3497.7 3542.2	3609.1	3682.0	3810.1	Ave		3628.19840				3.4		20.0			
Heptachlor epoxide	3733.3 3155.6	3465.7	3422.7	3434.2	Ave		3442.29360				6.0		20.0			
gamma-Chlordane	3997.7 3132.9	3389.7	3330.7	3365.4	Ave		3443.28080				9.5		20.0			
alpha-Chlordane	3507.9 2830.3	3104.1	3047.3	3068.2	Ave		3111.55440				7.9		20.0			
4,4'-DDE	3094.0 2963.0	3032.4	3062.0	3115.3	Ave		3053.36320				1.9		20.0			
Endosulfan I	3258.7 2714.5	2972.8	2954.5	2947.0	Ave		2969.50840				6.5		20.0			
Dieldrin	3231.5 2926.3	3122.9	3106.5	3138.0	Ave		3105.05400				3.6		20.0			
Endrin	2493.7 2281.7	2432.0	2348.9	2467.4	Ave		2404.74920				3.7		20.0			
4,4'-DDD	2826.0 2603.9	2762.6	2772.7	2759.3	Ave		2744.89120				3.0		20.0			
Endosulfan II	3051.4 2533.1	2795.4	2720.5	2725.6	Ave		2765.18680				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12497

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2773.9 2597.8	2649.6	2660.1	2711.9	Ave		2678.66880				2.5		20.0			
Endrin aldehyde	2600.5 2136.4	2358.3	2263.7	2281.0	Ave		2327.98520				7.4		20.0			
Methoxychlor	1709.8 1275.6	1459.0	1365.3	1343.6	Ave		1430.65440				11.8		20.0			
Endosulfan sulfate	2683.6 2276.0	2460.8	2387.8	2425.7	Ave		2446.78480				6.1		20.0			
Endrin ketone	2951.1 2470.7	2685.9	2607.5	2655.0	Ave		2674.02880				6.6		20.0			
Tetrachloro-m-xylene	3092.2 2864.9	3182.5	2850.1	2943.5	Ave		2986.60900				4.9		20.0			
DCB Decachlorobiphenyl	2485.5 2119.1	2508.2	2107.8	2205.5	Ave		2285.23933				8.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 06:32 Calibration End Date: 10/03/2011 07:27 Calibration ID: 12497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/6	WR693763.D
Level 2	IC 460-88010/7	WR693764.D
Level 3	IC 460-88010/5	WR693762.D
Level 4	IC 460-88010/8	WR693765.D
Level 5	IC 460-88010/9	WR693766.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	39650	205485	417856	1067167	1992861	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	37885	193557	386136	1006893	1873815	10.0	50.0	100	250	500
beta-BHC	Ave	20405	94272	182450	458732	845266	10.0	50.0	100	250	500
delta-BHC	Ave	34394	183301	374872	982287	1835690	10.0	50.0	100	250	500
Heptachlor	Ave	40746	190725	375760	952417	1737836	10.0	50.0	100	250	500
Aldrin	Ave	34977	180454	368197	952518	1771085	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	37333	173284	342271	858545	1577799	10.0	50.0	100	250	500
gamma-Chlordane	Ave	39977	169484	333065	841357	1566473	10.0	50.0	100	250	500
alpha-Chlordane	Ave	35079	155205	304729	767047	1415147	10.0	50.0	100	250	500
4,4'-DDE	Ave	30940	151622	306201	778830	1481523	10.0	50.0	100	250	500
Endosulfan I	Ave	32587	148639	295454	736759	1357243	10.0	50.0	100	250	500
Dieldrin	Ave	32315	156146	310649	784503	1463174	10.0	50.0	100	250	500
Endrin	Ave	24937	121601	234887	616852	1140874	10.0	50.0	100	250	500
4,4'-DDD	Ave	28260	138129	277270	689815	1301958	10.0	50.0	100	250	500
Endosulfan II	Ave	30514	139772	272046	681396	1266525	10.0	50.0	100	250	500
4,4'-DDT	Ave	27739	132478	266014	677974	1298924	10.0	50.0	100	250	500
Endrin aldehyde	Ave	26005	117917	226368	570260	1068183	10.0	50.0	100	250	500
Methoxychlor	Ave	17098	72952	136531	335889	637783	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	26836	123042	238782	606428	1137976	10.0	50.0	100	250	500
Endrin ketone	Ave	29511	134294	260746	663742	1235368	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	77304	159124	285008	441519	572973	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	62138	125411	210783	330832	423816	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: WR693762.D
 Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/WR693762.D
 Lab Smp Id: SGPESTL3_00010
 Inj Date : 03-OCT-2011 06:32
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGPESTL3_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/08Wr8081.m
 Meth Date : 03-Oct-2011 08:21 ferdie Quant Type: ESTD
 Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: SCpestRANGE.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.070	2.070	0.000	285008	100.000	95	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.733	2.733	0.000	417856	100.000	100	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.357	3.357	0.000	386136	100.000	100	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.527	3.527	0.000	182450	100.000	98	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.873	3.873	0.000	374872	100.000	100	80.00-	120.00	100.00

Data File: WR693762.D
Report Date: 03-Oct-2011 08:21

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.283	4.283	0.000	375760	100.000	99	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.877	4.877	0.000	368197	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.093	6.093	0.000	342271	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.277	6.277	0.000	333065	100.000	97	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.440	6.440	0.000	304729	100.000	98	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.513	6.513	0.000	306201	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.593	6.593	0.000	295454	100.000	99	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.830	6.830	0.000	310649	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.063	7.063	0.000	234887	100.000	98	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.110	7.110	0.000	277270	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.287	7.287	0.000	272046	100.000	98	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.390	7.390	0.000	266014	100.000	99	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.717	7.717	0.000	226368	100.000	97	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.883	7.883	0.000	136531	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.180	8.180	0.000	238782	100.000	98	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.433	8.433	0.000	260746	100.000	98	80.00-	120.00	100.00

Data File: WR693762.D
 Report Date: 03-Oct-2011 08:21

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.123	9.123	0.000	210783	100.000	92	80.00-	120.00	100.00	

Data File: WR693762.D

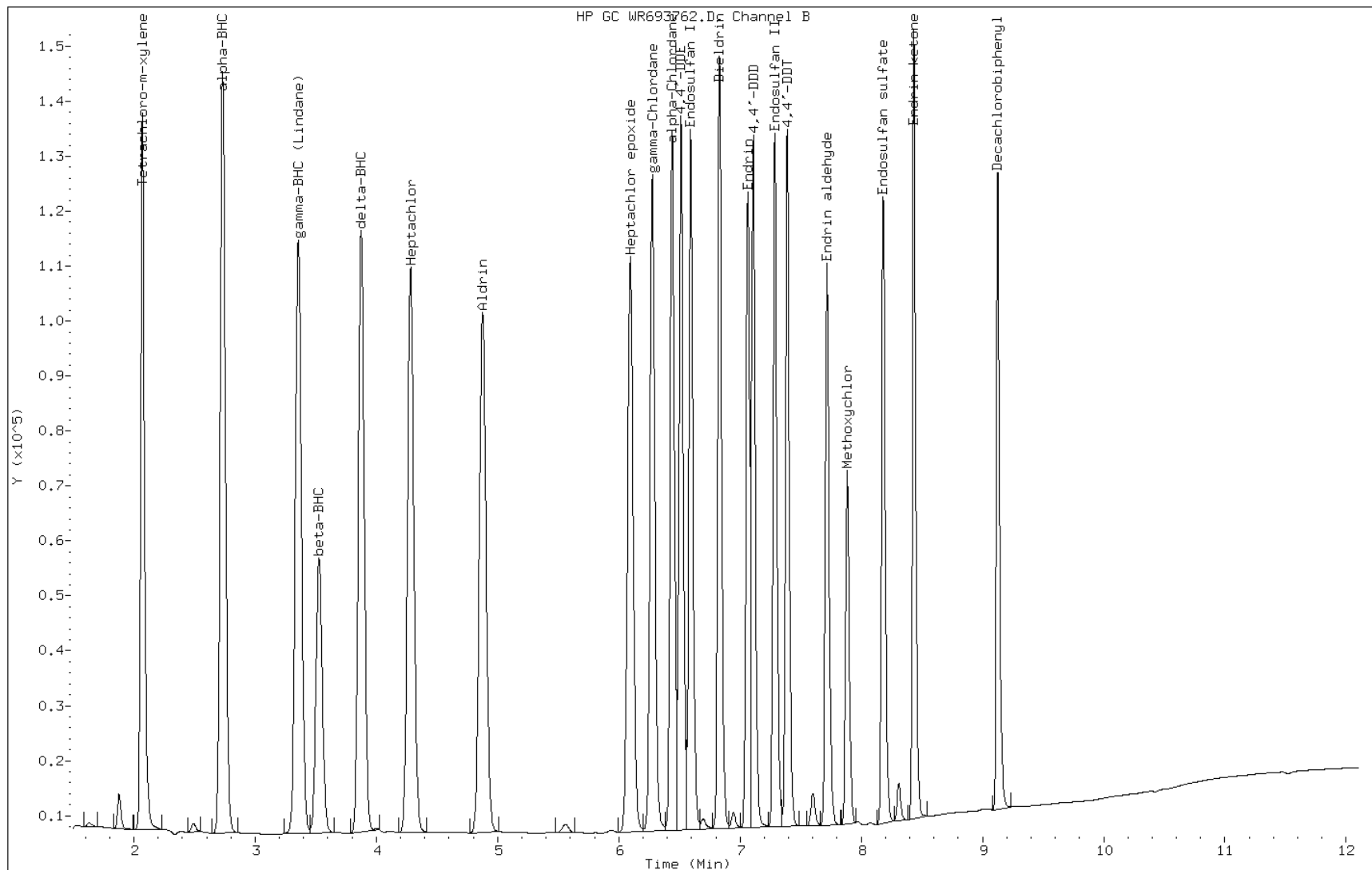
Date: 03-OCT-2011 06:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



Data File: WR693763.D
Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/WR693763.D
Lab Smp Id: SGPESTL1_00012
Inj Date : 03-OCT-2011 06:46
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/08Wr8081.m
Meth Date : 03-Oct-2011 08:21 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 06:46 Cal File: WR693763.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.073	2.070	0.003	77304	25.0000	26	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.737	2.733	0.004	39650	10.0000	9.7	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.360	3.357	0.003	37885	10.0000	9.8	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.533	3.527	0.006	20405	10.0000	11	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.883	3.873	0.010	34394	10.0000	9.3	80.00-	120.00	100.00

Data File: WR693763.D
Report Date: 03-Oct-2011 08:21

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.290	4.283	0.007	40746	10.0000	11	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.880	4.877	0.003	34977	10.0000	9.6	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.097	6.093	0.004	37333	10.0000	11	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.280	6.277	0.003	39977	10.0000	12	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.443	6.440	0.003	35079	10.0000	11	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.513	6.513	0.000	30940	10.0000	10	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.597	6.593	0.004	32587	10.0000	11	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.830	6.830	0.000	32315	10.0000	10	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.063	7.063	0.000	24937	10.0000	10	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.110	7.110	0.000	28260	10.0000	10	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.287	7.287	0.000	30514	10.0000	11	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.390	7.390	0.000	27739	10.0000	10	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.720	7.717	0.003	26005	10.0000	11	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.887	7.883	0.004	17098	10.0000	12	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.183	8.180	0.003	26836	10.0000	11	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.433	8.433	0.000	29511	10.0000	11	80.00-	120.00	100.00

Data File: WR693763.D
 Report Date: 03-Oct-2011 08:21

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		RATIO
			RESPONSE (ug/L)	(ug/L)	TARGET RANGE		
==	=====	=====	=====	=====	=====		=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.127	9.123	0.004	62138	25.0000	27 80.00- 120.00		100.00

Data File: WR693763.D

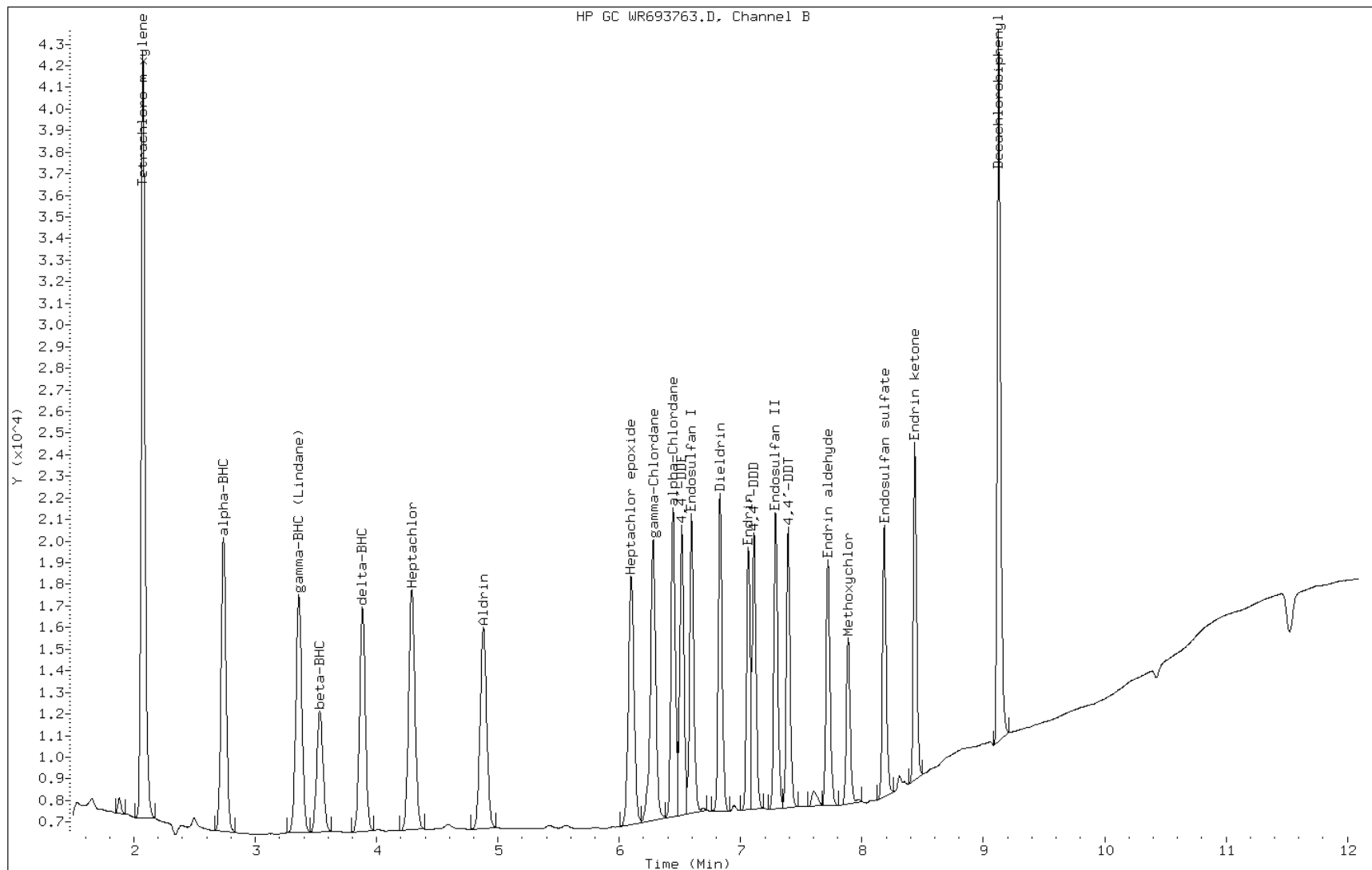
Date: 03-OCT-2011 06:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00012

Operator:



Data File: WR693764.D
Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/WR693764.D
Lab Smp Id: SGPESTL2_00009
Inj Date : 03-OCT-2011 07:00
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/08Wr8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:00
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693764.D
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.070	2.070	0.000	159124	50.0000	53	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.733	2.733	0.000	205485	50.0000	50	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.353	3.357	-0.004	193557	50.0000	50	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.527	3.527	0.000	94272	50.0000	51	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.877	3.873	0.004	183301	50.0000	50	80.00-	120.00	100.00

Data File: WR693764.D
Report Date: 03-Oct-2011 08:21

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.283	4.283	0.000	190725	50.0000	50	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.873	4.877	-0.004	180454	50.0000	50	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.093	6.093	0.000	173284	50.0000	50	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.277	6.277	0.000	169484	50.0000	49	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.440	6.440	0.000	155205	50.0000	50	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.513	6.513	0.000	151622	50.0000	50	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.593	6.593	0.000	148639	50.0000	50	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.830	6.830	0.000	156146	50.0000	50	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.063	7.063	0.000	121601	50.0000	50	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.110	7.110	0.000	138129	50.0000	50	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.287	7.287	0.000	139772	50.0000	50	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.390	7.390	0.000	132478	50.0000	49	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.717	7.717	0.000	117917	50.0000	51	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.883	7.883	0.000	72952	50.0000	51	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.180	8.180	0.000	123042	50.0000	50	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.433	8.433	0.000	134294	50.0000	50	80.00-	120.00	100.00

Data File: WR693764.D
 Report Date: 03-Oct-2011 08:21

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO
			RESPONSE (ug/L)	(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.123	9.123	0.000	125411	50.0000	55	80.00- 120.00	100.00

Data File: WR693764.D

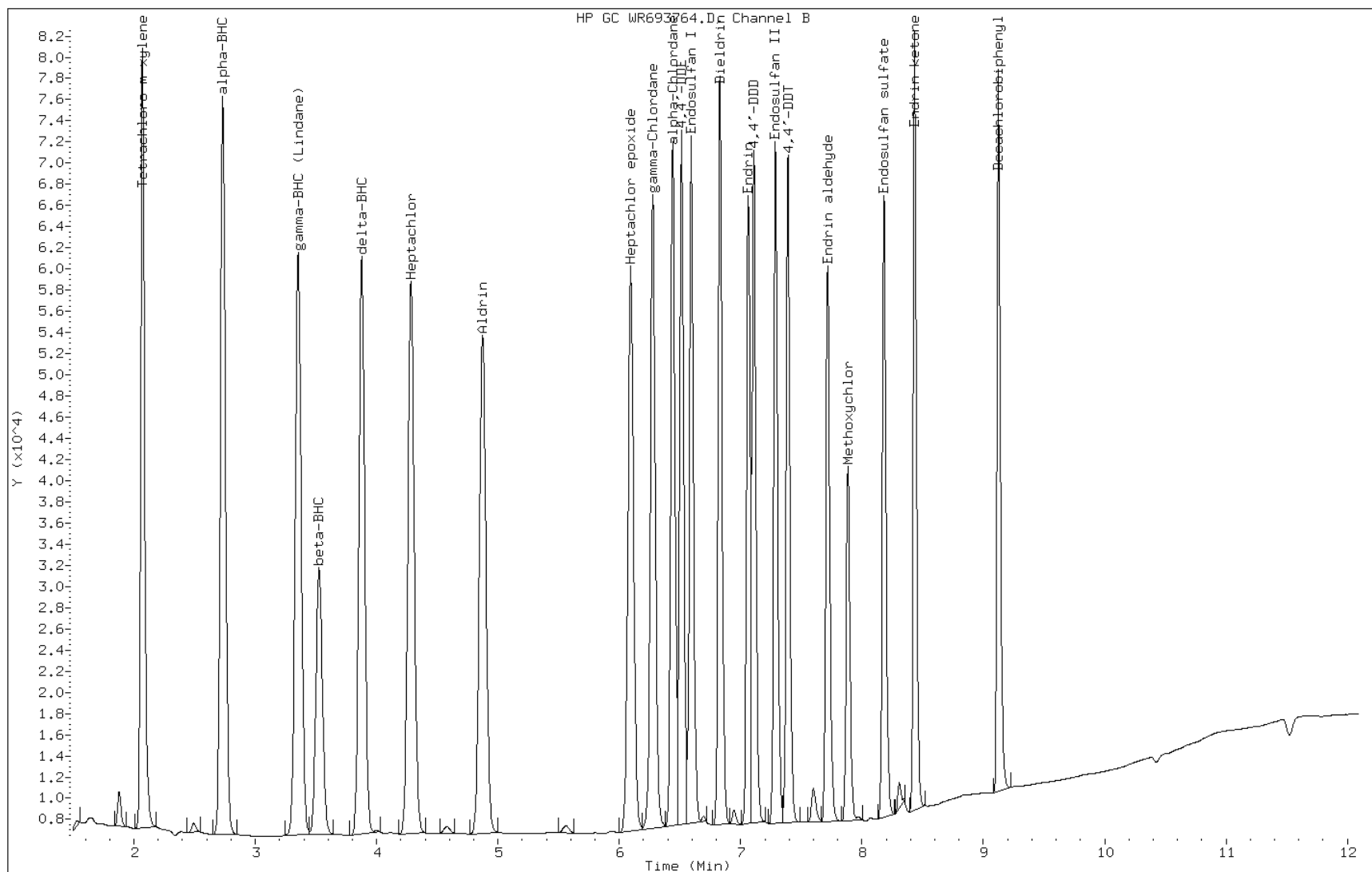
Date: 03-OCT-2011 07:00

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00009

Operator:



Data File: WR693765.D

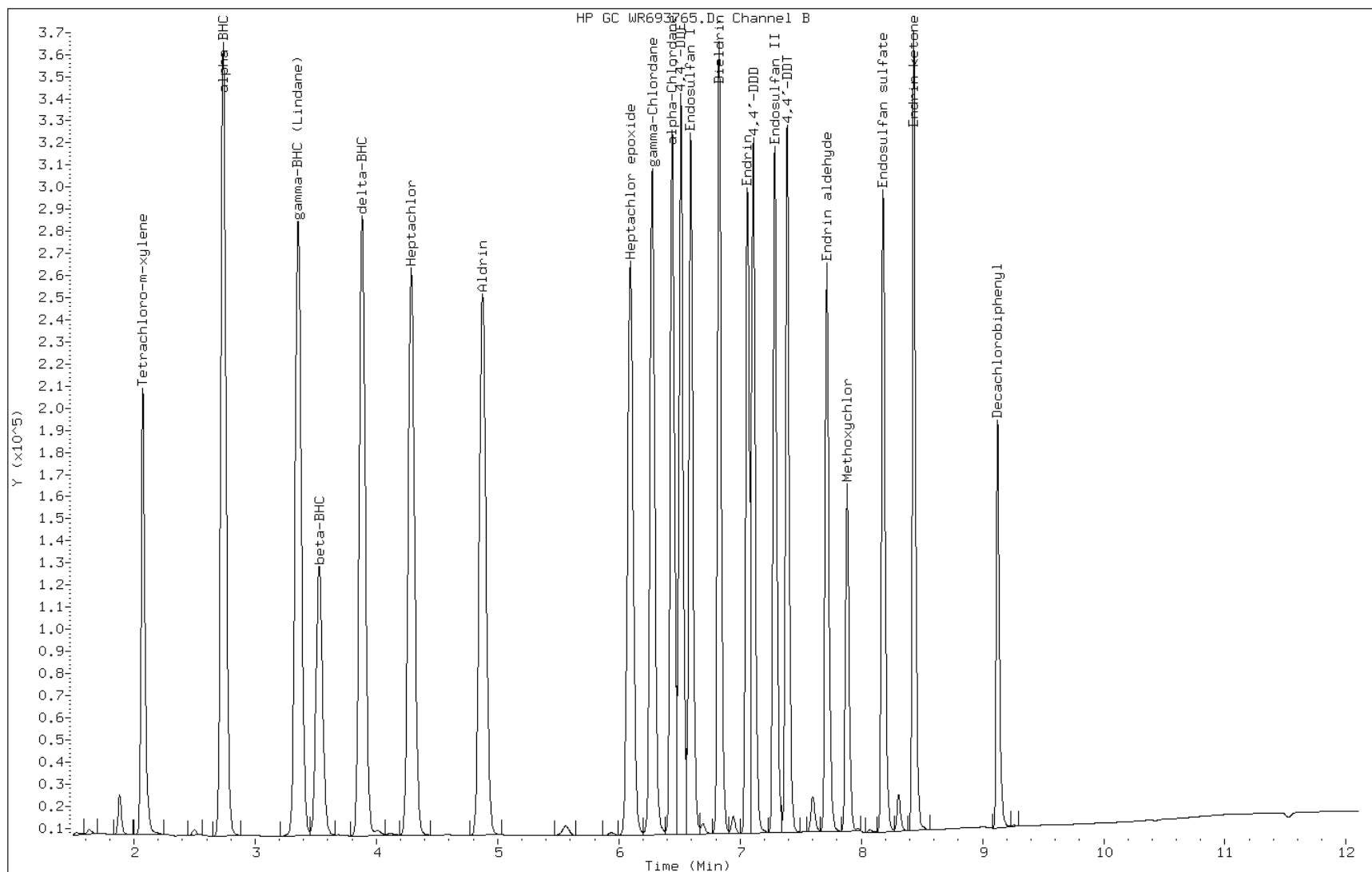
Date: 03-OCT-2011 07:13

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00009

Operator:



Data File: WR693766.D
Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/WR693766.D
Lab Smp Id: SGPESTL5_00009
Inj Date : 03-OCT-2011 07:27
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/08Wr8081.m
Meth Date : 03-Oct-2011 08:21 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:27 Cal File: WR693766.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.070	2.070	0.000	572973	200.000	190	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.730	2.733	-0.003	1992861	500.000	480	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.353	3.357	-0.004	1873815	500.000	480	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.523	3.527	-0.004	845266	500.000	460	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.873	3.873	0.000	1835690	500.000	500	80.00- 120.00	100.00	

Data File: WR693766.D
Report Date: 03-Oct-2011 08:21

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.280	4.283	-0.003	1737836	500.000	CAS #: 460	76-44-8	80.00- 120.00	100.00

1 Aldrin								
4.873	4.877	-0.004	1771085	500.000	CAS #: 490	309-00-2	80.00- 120.00	100.00

18 Heptachlor epoxide								
6.093	6.093	0.000	1577799	500.000	CAS #: 460	1024-57-3	80.00- 120.00	100.00

65 gamma-Chlordane								
6.273	6.277	-0.004	1566473	500.000	CAS #: 450	5103-74-2	80.00- 120.00	100.00

66 alpha-Chlordane								
6.440	6.440	0.000	1415147	500.000	CAS #: 450	5103-71-9	80.00- 120.00	100.00

8 4,4'-DDE								
6.513	6.513	0.000	1481523	500.000	CAS #: 480	72-55-9	80.00- 120.00	100.00

11 Endosulfan I								
6.593	6.593	0.000	1357243	500.000	CAS #: 460	959-98-8	80.00- 120.00	100.00

10 Dieldrin								
6.830	6.830	0.000	1463174	500.000	CAS #: 470	60-57-1	80.00- 120.00	100.00

14 Endrin								
7.063	7.063	0.000	1140874	500.000	CAS #: 470	72-20-8	80.00- 120.00	100.00

7 4,4'-DDD								
7.110	7.110	0.000	1301958	500.000	CAS #: 470	72-54-8	80.00- 120.00	100.00

12 Endosulfan II								
7.287	7.287	0.000	1266525	500.000	CAS #: 460	33213-65-9	80.00- 120.00	100.00

9 4,4'-DDT								
7.387	7.390	-0.003	1298924	500.000	CAS #: 480	50-29-3	80.00- 120.00	100.00

15 Endrin aldehyde								
7.717	7.717	0.000	1068183	500.000	CAS #: 460	7421-93-4	80.00- 120.00	100.00

19 Methoxychlor								
7.883	7.883	0.000	637783	500.000	CAS #: 440	72-43-5	80.00- 120.00	100.00

13 Endosulfan sulfate								
8.180	8.180	0.000	1137976	500.000	CAS #: 460	1031-07-8	80.00- 120.00	100.00

16 Endrin ketone								
8.433	8.433	0.000	1235368	500.000	CAS #: 460	53494-70-5	80.00- 120.00	100.00

Data File: WR693766.D
 Report Date: 03-Oct-2011 08:21

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.123	9.123	0.000	423816	200.000	180	80.00-	120.00	100.00	

Data File: WR693766.D

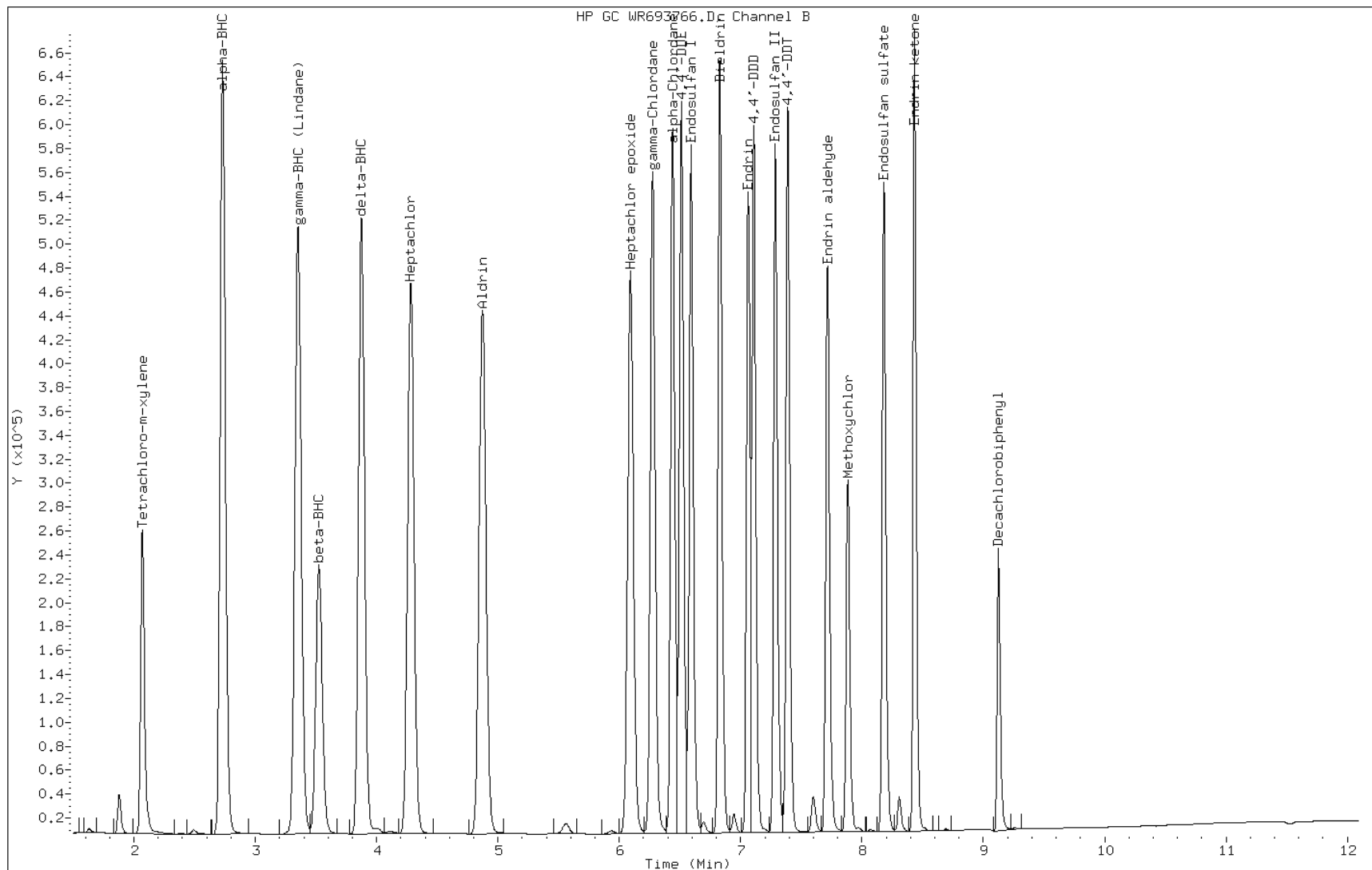
Date: 03-OCT-2011 07:27

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00009

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WF693768.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.907										7.837 - 7.977	7.907
Toxaphene Peak 2	8.283										8.213 - 8.353	8.283
Toxaphene Peak 3	8.503										8.433 - 8.573	8.503
Toxaphene Peak 4	8.570										8.500 - 8.640	8.570
Toxaphene Peak 5	8.873										8.803 - 8.943	8.873
Toxaphene Peak 6	8.910										8.840 - 8.980	8.910
Toxaphene Peak 7	9.163										9.093 - 9.233	9.163
Toxaphene Peak 8	9.297										9.227 - 9.367	9.297

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WF693768.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	107.40				Ave		107.400000						20.0			
Toxaphene Peak 2	179.45				Ave		179.449000						20.0			
Toxaphene Peak 3	163.36				Ave		163.358000						20.0			
Toxaphene Peak 4	171.81				Ave		171.809000						20.0			
Toxaphene Peak 5	175.61				Ave		175.612000						20.0			
Toxaphene Peak 6	231.34				Ave		231.335000						20.0			
Toxaphene Peak 7	69.770				Ave		69.7700000						20.0			
Toxaphene Peak 8	74.304				Ave		74.3040000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WF693768.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	107400					1000				
Toxaphene Peak 2	Ave	179449					1000				
Toxaphene Peak 3	Ave	163358					1000				
Toxaphene Peak 4	Ave	171809					1000				
Toxaphene Peak 5	Ave	175612					1000				
Toxaphene Peak 6	Ave	231335					1000				
Toxaphene Peak 7	Ave	69770					1000				
Toxaphene Peak 8	Ave	74304					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/WF693768.D
Lab Smp Id: SGT0XL3_00011
Inj Date : 03-OCT-2011 07:55
Operator :
Smp Info : SGT0XL3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-03-11aical/03oct11a.b/08Wf8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Calibration Sample, Level: 3
Compound Sublist: TOXAPH0.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene			CAS #: 8001-35-2			
7.907	7.907	0.000	107400 1000.00	1000	80.00- 120.00	100.00
8.283	8.283	0.000	179449 1000.00	1000	133.67- 200.50	167.08
8.503	8.503	0.000	163358 1000.00	1000	121.68- 182.52	152.10
8.570	8.570	0.000	171809 1000.00	1000	127.98- 191.97	159.97
8.873	8.873	0.000	175612 1000.00	1000	130.81- 196.21	163.51
8.910	8.910	0.000	231335 1000.00	1000	172.32- 258.47	215.40
9.163	9.163	0.000	69770 1000.00	1000	51.97- 77.96	64.96
9.297	9.297	0.000	74304 1000.00	1000	55.35- 83.02	69.18
Average of Peak Amounts =			1e+03			

Data File: WF693768.D

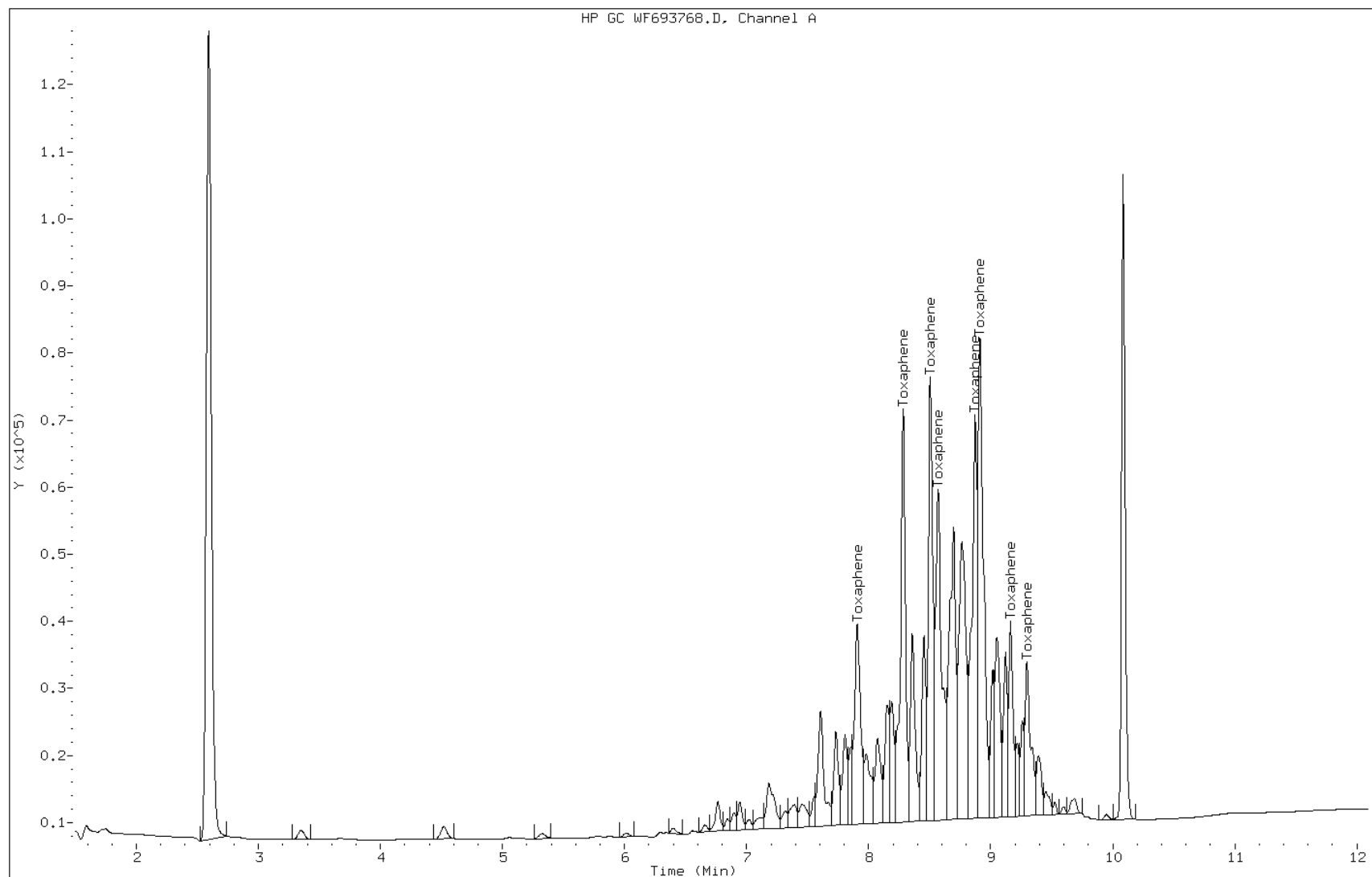
Date: 03-OCT-2011 07:55

Client ID:

Instrument: PESTGC4.i

Sample Info: SGT0XL3_00011

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12502

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WR693768.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.347										7.277 - 7.417	7.347
Toxaphene Peak 2	7.403										7.333 - 7.473	7.403
Toxaphene Peak 3	7.617										7.547 - 7.687	7.617
Toxaphene Peak 4	7.690										7.620 - 7.760	7.690
Toxaphene Peak 5	8.080										8.010 - 8.150	8.080
Toxaphene Peak 6	8.147										8.077 - 8.217	8.147
Toxaphene Peak 7	8.417										8.347 - 8.487	8.417
Toxaphene Peak 8	8.530										8.460 - 8.600	8.530

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12502

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WR693768.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	143.84				Ave		143.843000						20.0			
Toxaphene Peak 2	138.26				Ave		138.260000						20.0			
Toxaphene Peak 3	283.52				Ave		283.519000						20.0			
Toxaphene Peak 4	176.49				Ave		176.486000						20.0			
Toxaphene Peak 5	165.81				Ave		165.807000						20.0			
Toxaphene Peak 6	284.34				Ave		284.342000						20.0			
Toxaphene Peak 7	116.65				Ave		116.648000						20.0			
Toxaphene Peak 8	74.991				Ave		74.9910000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88010

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2011 07:55 Calibration End Date: 10/03/2011 07:55 Calibration ID: 12502

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88010/11	WR693768.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	143843					1000				
Toxaphene Peak 2	Ave	138260					1000				
Toxaphene Peak 3	Ave	283519					1000				
Toxaphene Peak 4	Ave	176486					1000				
Toxaphene Peak 5	Ave	165807					1000				
Toxaphene Peak 6	Ave	284342					1000				
Toxaphene Peak 7	Ave	116648					1000				
Toxaphene Peak 8	Ave	74991					1000				

Curve Type Legend:

Ave = Average

Data File: WR693768.D
Report Date: 03-Oct-2011 08:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/WR693768.D
Lab Smp Id: SGT0XL3_00011
Inj Date : 03-OCT-2011 07:55
Operator :
Smp Info : SGT0XL3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b/08Wr8081.m
Meth Date : 03-Oct-2011 08:21 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693768.D
Calibration Sample, Level: 3
Compound Sublist: TOXAPH0.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	RATIO
			RESPONSE	(ug/L)	(ug/L)	
==	=====	=====	=====	=====	=====	=====
20 Toxaphene			CAS #: 8001-35-2			
7.347	7.347	0.000	143843	1000.00	1000	80.00- 120.00 100.00
7.403	7.403	0.000	138260	1000.00	1000	76.89- 115.34 96.12
7.617	7.617	0.000	283519	1000.00	1000	157.68- 236.52 197.10
7.690	7.690	0.000	176486	1000.00	1000	98.15- 147.23 122.69
8.080	8.080	0.000	165807	1000.00	1000	92.22- 138.32 115.27
8.147	8.147	0.000	284342	1000.00	1000	158.14- 237.21 197.68
8.417	8.417	0.000	116648	1000.00	1000	64.88- 97.31 81.09
8.530	8.530	0.000	74991	1000.00	1000	41.71- 62.56 52.13
Average of Peak Amounts =			1e+03			

Data File: WR693768.D

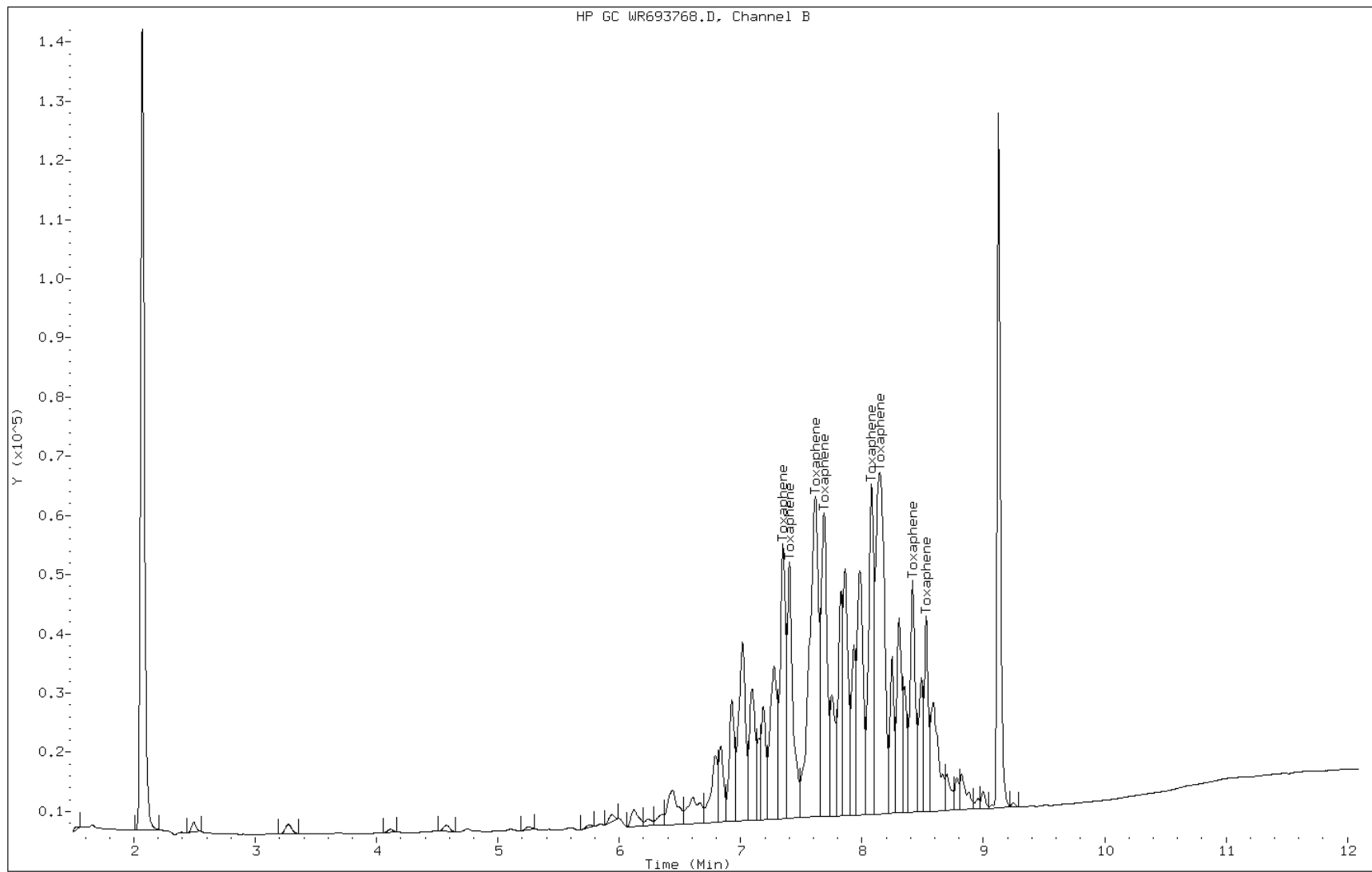
Date: 03-OCT-2011 07:55

Client ID:

Instrument: PESTGC4.i

Sample Info: SGT0XL3_00011

Operator:



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID (2): RESC 460-89205/3 Instrument ID (2): PESTGC4
GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 10/11/2011 06:18

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.58	100
Endosulfan I	7.33	100
4,4'-DDE	7.41	80
Dieldrin	7.63	100
Endosulfan sulfate	8.69	100
Methoxychlor	8.86	100
Endrin ketone	9.08	100
DCB Decachlorobiphenyl	10.08	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Lab Sample ID (1): RESC 460-89205/3 Instrument ID (1): PESTGC4

GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 10/11/2011 06:18

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.06	100
gamma-Chlordane	6.26	100
4,4'-DDE	6.50	90.6
Endosulfan I	6.58	100
Dieldrin	6.82	100
Methoxychlor	7.87	100
Endosulfan sulfate	8.17	100
Endrin ketone	8.43	100
DCB Decachlorobiphenyl	9.12	100

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: PEM 460-89205/4 Calibration Date: 10/11/2011 06:32
Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
Lab File ID: WF694104.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.97	602453	5.33	15	
Endrin aldehyde	8.49	14699			
Endrin ketone	9.08	19207			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.36	506110	3.47	15	
4,4'-DDD	0.00	0			
4,4'-DDE	7.41	18207			

Data File: WF694104.D
 Report Date: 12-Oct-2011 08:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694104.D
 Lab Smp Id: SGDDT/Ei_00015
 Inj Date : 11-OCT-2011 06:32
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGDDT/Ei_00015
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
 Meth Date : 11-Oct-2011 13:25 ferdie Quant Type: ESTD
 Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: END_DDT.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE								
7.410	7.407	0.003	18207	5.78879	CAS #: 72-55-9	3.8 80.00- 120.00	100.00(a)	

9 4,4'-DDT								
8.363	8.363	0.000	506110	235.400	CAS #: 50-29-3	160 80.00- 120.00	100.00	

14 Endrin								
7.967	7.970	-0.003	602453	249.716	CAS #: 72-20-8	170 80.00- 120.00	100.00	

15 Endrin aldehyde								
8.490	8.490	0.000	14699	7.20664	CAS #: 7421-93-4	4.8 80.00- 120.00	100.00(a)	

16 Endrin ketone								
9.080	9.080	0.000	19207	7.83526	CAS #: 53494-70-5	5.2 80.00- 120.00	100.00(a)	

Data File: WF694104.D
Report Date: 12-Oct-2011 08:05

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF694104.D

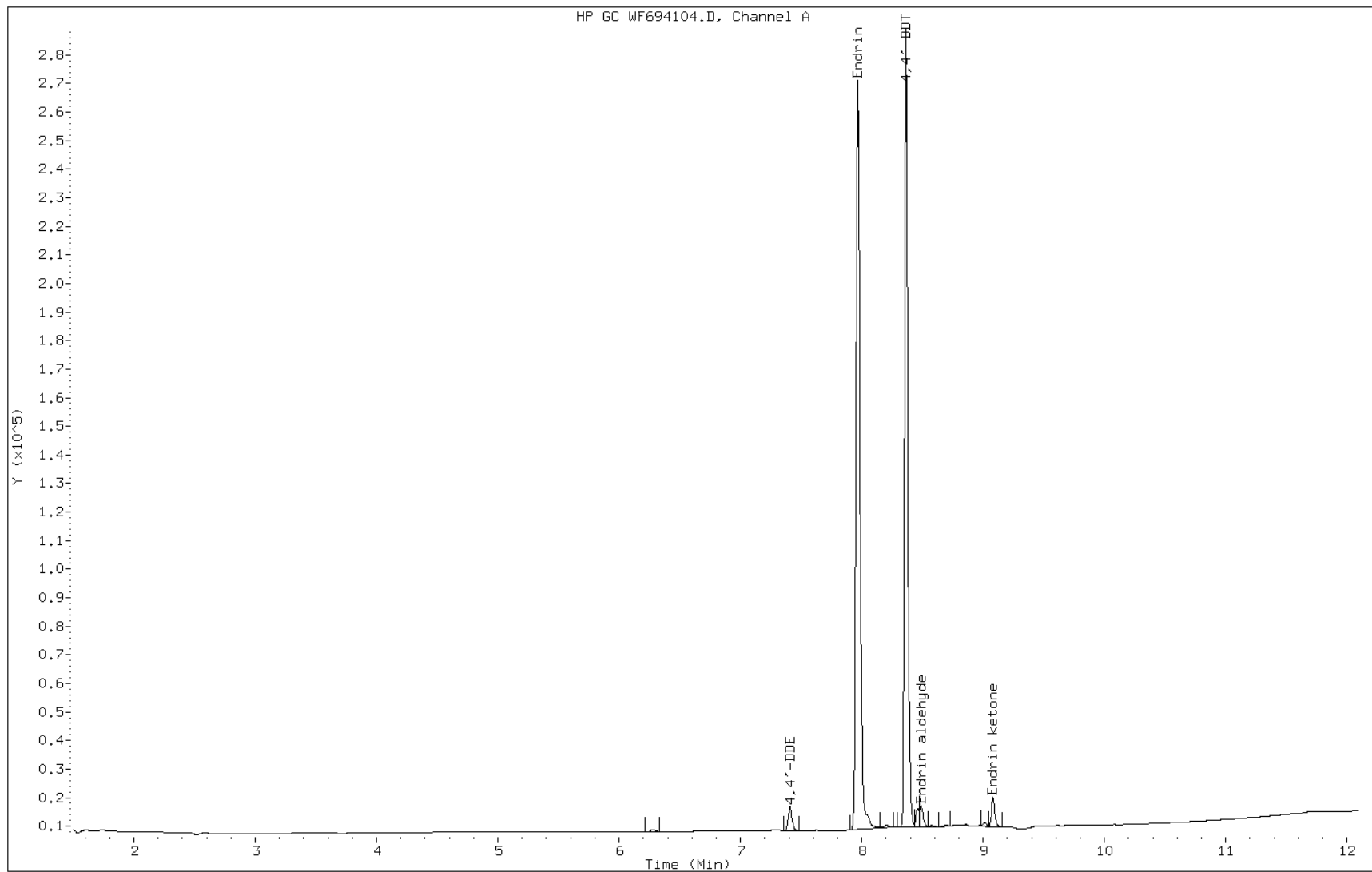
Date: 11-OCT-2011 06:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: PEM 460-89205/4 Calibration Date: 10/11/2011 06:32
Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
Lab File ID: WR694104.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.05	571243	5.37	15	
Endrin aldehyde	7.71	13480			
Endrin ketone	8.43	18968			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.38	558887	2.82	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.50	16247			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694104.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 11-OCT-2011 06:32
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 11-Oct-2011 13:23 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE					CAS #: 72-55-9				
6.503	6.503	0.000	16247	5.32102	3.5	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
7.380	7.380	0.000	558887	208.644	140	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
7.053	7.053	0.000	571243	237.548	160	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
7.710	7.707	0.003	13480	5.79041	3.9	80.00-	120.00	100.00(a)	

16 Endrin ketone					CAS #: 53494-70-5				
8.427	8.427	0.000	18968	7.09342	4.7	80.00-	120.00	100.00(a)	

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR694104.D

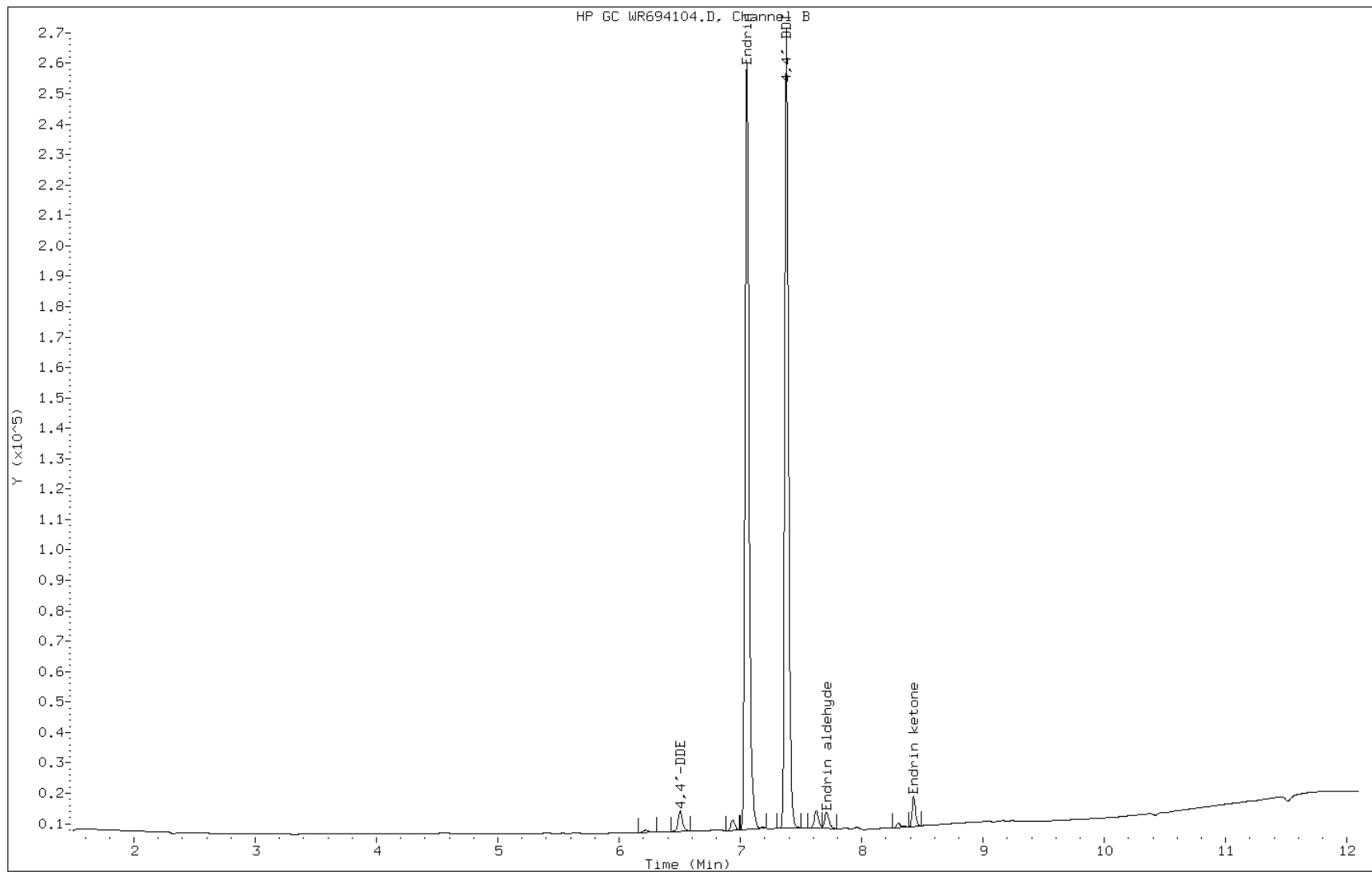
Date: 11-OCT-2011 06:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: PEM 460-89222/3 Calibration Date: 10/11/2011 12:25
Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
Lab File ID: WF694128.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.97	559496	9.16	15	
Endrin aldehyde	8.49	23000			
Endrin ketone	9.08	33400			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.36	474143	7.96	15	
4,4'-DDD	8.05	23674			
4,4'-DDE	7.41	17352			

Data File: WF694128.D
 Report Date: 12-Oct-2011 11:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/WF694128.D
 Lab Smp Id: SGDDT/Ei_00015
 Inj Date : 11-OCT-2011 12:25
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGDDT/Ei_00015
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/08Wf8081.m
 Meth Date : 12-Oct-2011 11:26 ferdie Quant Type: ESTD
 Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: END_DDT.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	

7 4,4'-DDD					CAS #: 72-54-8				
8.047	8.043	0.004	23674	9.36004	6.2	80.00-	120.00	100.00(a)	

8 4,4'-DDE					CAS #: 72-55-9				
7.410	7.407	0.003	17352	5.51695	3.7	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
8.363	8.363	0.000	474143	220.531	150	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
7.967	7.970	-0.003	559496	231.911	150	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
8.493	8.490	0.003	23000	11.2765	7.5	80.00-	120.00	100.00	

Data File: WF694128.D
Report Date: 12-Oct-2011 11:26

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
16 Endrin ketone				CAS #: 53494-70-5					
9.080	9.080	0.000		33400	13.6251	9.1	80.00- 120.00	100.00	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF694128.D

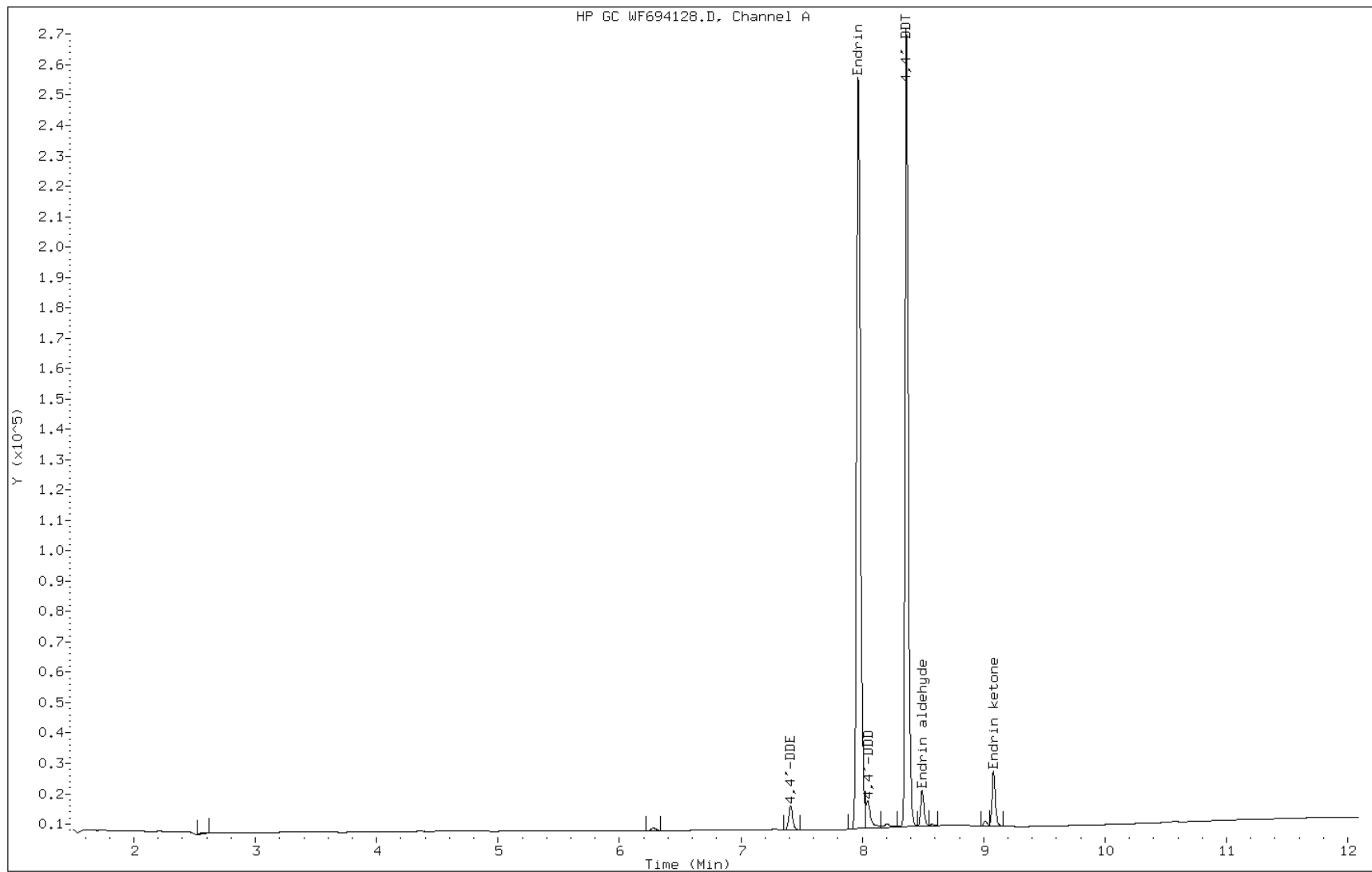
Date: 11-OCT-2011 12:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: PEM 460-89222/3 Calibration Date: 10/11/2011 12:25
Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
Lab File ID: WR694128.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.05	572541	9.60	15	
Endrin aldehyde	7.71	25613			
Endrin ketone	8.43	35189			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.38	536804	2.91	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.50	16078			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/WR694128.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 11-OCT-2011 12:25
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/08Wr8081.m
Meth Date : 12-Oct-2011 09:06 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE (ug/L)	(ug/kg)		=====		=====
8 4,4'-DDE					CAS #:	72-55-9		
6.503	6.503	0.000	16078	5.26567	3.5	80.00-	120.00	100.00(a)

9 4,4'-DDT					CAS #:	50-29-3		
7.380	7.380	0.000	536804	200.400	130	80.00-	120.00	100.00

14 Endrin					CAS #:	72-20-8		
7.053	7.057	-0.004	572541	238.088	160	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #:	7421-93-4		
7.710	7.707	0.003	25613	11.0022	7.3	80.00-	120.00	100.00

16 Endrin ketone					CAS #:	53494-70-5		
8.427	8.427	0.000	35189	13.1595	8.8	80.00-	120.00	100.00

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR694128.D

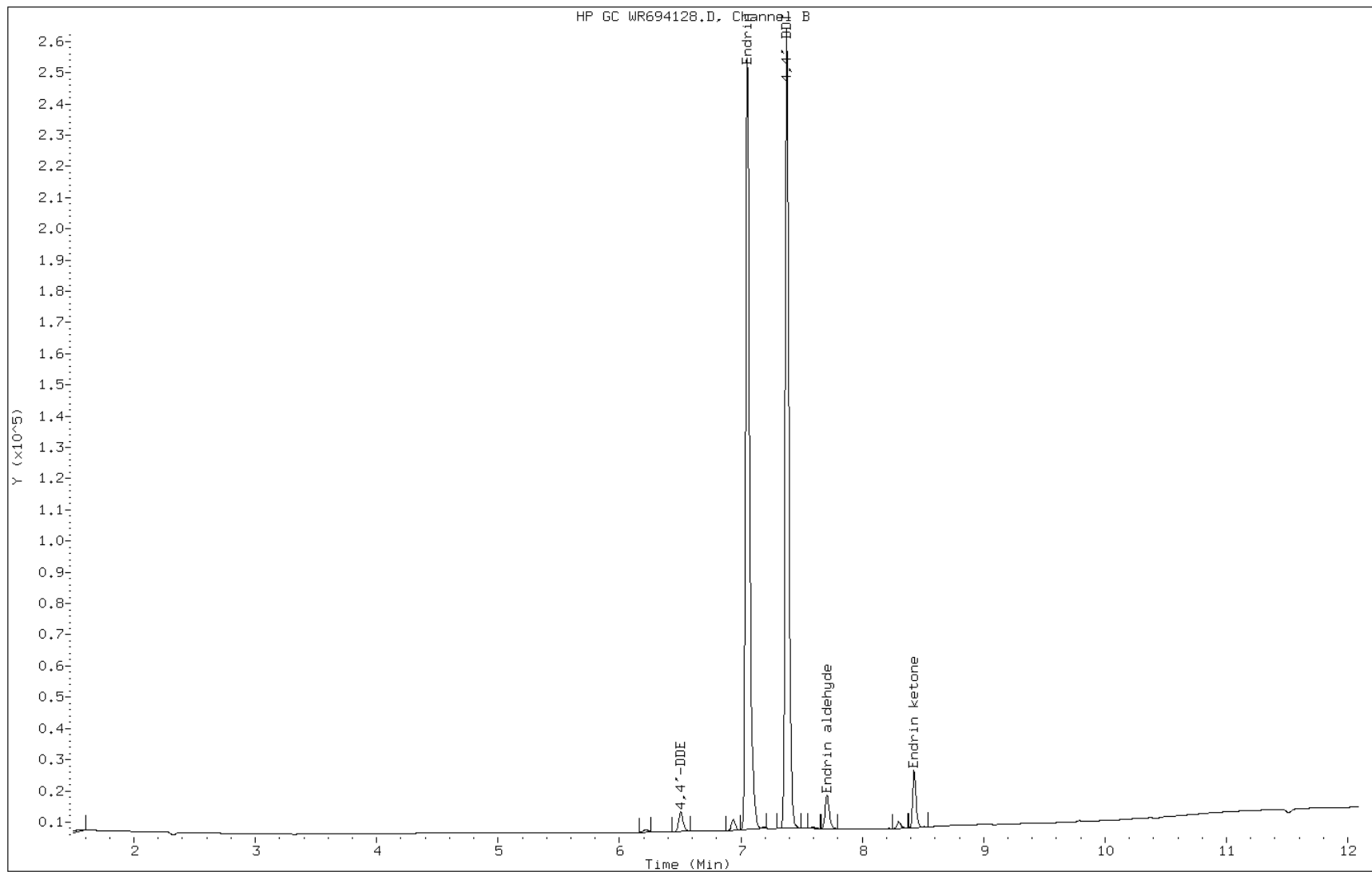
Date: 11-OCT-2011 12:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89205/5 Calibration Date: 10/11/2011 06:46
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694105.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4643	4880		105	100	5.1	15.0
gamma-BHC (Lindane)	Ave	4306	4465		104	100	3.7	15.0
beta-BHC	Ave	2058	2088		101	100	1.5	15.0
delta-BHC	Ave	4109	4299		105	100	4.6	15.0
Heptachlor	Ave	3706	3701		99.9	100	-0.1	15.0
Aldrin	Ave	3823	3876		101	100	1.4	15.0
Heptachlor epoxide	Ave	3250	3285		101	100	1.1	15.0
gamma-Chlordane	Ave	3432	3452		101	100	0.6	15.0
alpha-Chlordane	Ave	3215	3204		99.6	100	-0.4	15.0
Endosulfan I	Ave	3071	3105		101	100	1.1	15.0
4,4'-DDE	Ave	3145	3225		103	100	2.5	15.0
Dieldrin	Ave	3218	3303		103	100	2.6	15.0
Endrin	Ave	2413	2704		112	100	12.1	15.0
4,4'-DDD	Ave	2529	2630		104	100	4.0	15.0
Endosulfan II	Ave	2715	2751		101	100	1.3	15.0
4,4'-DDT	Ave	2150	2258		105	100	5.0	15.0
Endrin aldehyde	Ave	2040	1991		97.6	100	-2.4	15.0
Endosulfan sulfate	Ave	2148	2129		99.1	100	-0.9	15.0
Methoxychlor	Ave	1009	1107		110	100	9.6	15.0
Endrin ketone	Ave	2451	2424		98.9	100	-1.1	15.0
Tetrachloro-m-xylene	Ave	3507	3350		95.5	100	-4.5	15.0
DCB Decachlorobiphenyl	Ave	2079	2129		102	100	2.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89205/5 Calibration Date: 10/11/2011 06:46
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694105.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.85	3.80	3.90
gamma-BHC (Lindane)	4.62	4.57	4.67
beta-BHC	4.78	4.73	4.83
delta-BHC	5.43	5.38	5.48
Heptachlor	5.60	5.55	5.65
Aldrin	6.26	6.21	6.31
Heptachlor epoxide	6.91	6.84	6.98
gamma-Chlordane	7.11	7.04	7.18
alpha-Chlordane	7.26	7.19	7.33
Endosulfan I	7.33	7.26	7.40
4,4'-DDE	7.41	7.34	7.48
Dieldrin	7.63	7.56	7.70
Endrin	7.97	7.90	8.04
4,4'-DDD	8.04	7.97	8.11
Endosulfan II	8.19	8.12	8.26
4,4'-DDT	8.36	8.29	8.43
Endrin aldehyde	8.49	8.42	8.56
Endosulfan sulfate	8.69	8.62	8.76
Methoxychlor	8.86	8.79	8.93
Endrin ketone	9.08	9.01	9.15
Tetrachloro-m-xylene	2.58	2.53	2.63
DCB Decachlorobiphenyl	10.08	9.98	10.18

Data File: WF694105.D
Report Date: 12-Oct-2011 08:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694105.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 06:46
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:05 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.580	2.580	0.000	335013	100.000	96	80.00-	120.00	100.00

2 alpha-BHC					CAS #: 319-84-6			
3.850	3.850	0.000	488049	100.000	100	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.617	4.617	0.000	446543	100.000	100	80.00-	120.00	100.00

3 beta-BHC					CAS #: 319-85-7			
4.780	4.780	0.000	208812	100.000	100	80.00-	120.00	100.00

4 delta-BHC					CAS #: 319-86-8			
5.427	5.427	0.000	429898	100.000	100	80.00-	120.00	100.00

Data File: WF694105.D
Report Date: 12-Oct-2011 08:05

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.600	5.600	0.000	370141	100.000	100	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.260	6.260	0.000	387586	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.910	6.910	0.000	328510	100.000	100	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.107	7.107	0.000	345201	100.000	100	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.260	7.260	0.000	320357	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.333	7.333	0.000	310540	100.000	100	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.407	7.407	0.000	322470	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.627	7.627	0.000	330267	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.967	7.967	0.000	270405	100.000	110	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.043	8.043	0.000	263020	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.193	8.193	0.000	275076	100.000	100	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.363	8.363	0.000	225847	100.000	100	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.490	8.490	0.000	199083	100.000	98	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.693	8.693	0.000	212899	100.000	99	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.860	8.860	0.000	110650	100.000	110	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.080	9.080	0.000	242414	100.000	99	80.00-	120.00	100.00

Data File: WF694105.D
Report Date: 12-Oct-2011 08:05

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.077	10.077	0.000	212903	100.000	100	80.00-	120.00	100.00	

Data File: WF694105.D

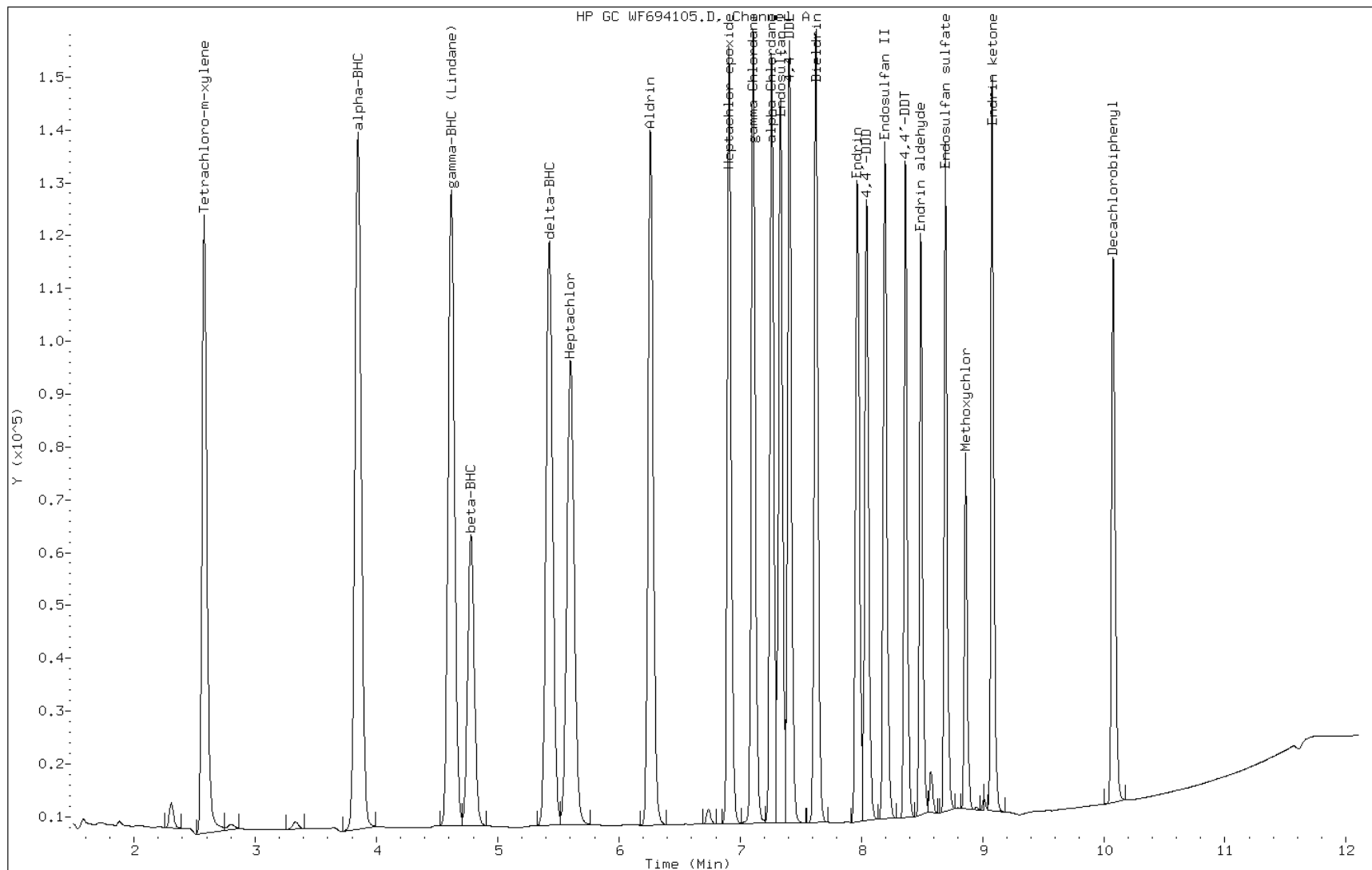
Date: 11-OCT-2011 06:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89205/5 Calibration Date: 10/11/2011 06:46
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694105.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4102	4163		101	100	1.5	15.0
gamma-BHC (Lindane)	Ave	3859	3706		96.0	100	-4.0	15.0
beta-BHC	Ave	1855	1828		98.5	100	-1.5	15.0
delta-BHC	Ave	3691	3726		101	100	0.9	15.0
Heptachlor	Ave	3786	3477		91.8	100	-8.2	15.0
Aldrin	Ave	3628	3621		99.8	100	-0.2	15.0
Heptachlor epoxide	Ave	3442	3382		98.3	100	-1.7	15.0
gamma-Chlordane	Ave	3443	3304		96.0	100	-4.0	15.0
alpha-Chlordane	Ave	3112	2970		95.5	100	-4.5	15.0
4,4'-DDE	Ave	3053	3037		99.5	100	-0.5	15.0
Endosulfan I	Ave	2970	2924		98.5	100	-1.5	15.0
Dieldrin	Ave	3105	3061		98.6	100	-1.4	15.0
Endrin	Ave	2405	2391		99.4	100	-0.6	15.0
4,4'-DDD	Ave	2745	2767		101	100	0.8	15.0
Endosulfan II	Ave	2765	2649		95.8	100	-4.2	15.0
4,4'-DDT	Ave	2679	2579		96.3	100	-3.7	15.0
Endrin aldehyde	Ave	2328	2171		93.3	100	-6.7	15.0
Methoxychlor	Ave	1431	1330		93.0	100	-7.0	15.0
Endosulfan sulfate	Ave	2447	2334		95.4	100	-4.6	15.0
Endrin ketone	Ave	2674	2516		94.1	100	-5.9	15.0
Tetrachloro-m-xylene	Ave	2987	2830		94.8	100	-5.2	15.0
DCB Decachlorobiphenyl	Ave	2285	2210		96.7	100	-3.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89205/5 Calibration Date: 10/11/2011 06:46
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694105.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.71	2.66	2.76
gamma-BHC (Lindane)	3.33	3.28	3.38
beta-BHC	3.50	3.45	3.55
delta-BHC	3.85	3.81	3.91
Heptachlor	4.26	4.21	4.31
Aldrin	4.85	4.80	4.90
Heptachlor epoxide	6.07	6.01	6.15
gamma-Chlordane	6.26	6.19	6.33
alpha-Chlordane	6.43	6.36	6.50
4,4'-DDE	6.50	6.43	6.57
Endosulfan I	6.58	6.51	6.65
Dieldrin	6.82	6.75	6.89
Endrin	7.05	6.98	7.12
4,4'-DDD	7.10	7.03	7.17
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.38	7.31	7.45
Endrin aldehyde	7.71	7.64	7.78
Methoxychlor	7.87	7.80	7.94
Endosulfan sulfate	8.17	8.10	8.24
Endrin ketone	8.43	8.36	8.50
Tetrachloro-m-xylene	2.06	2.01	2.11
DCB Decachlorobiphenyl	9.12	9.02	9.22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694105.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 06:46
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 11-Oct-2011 13:23 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.057	2.057	0.000	283047	100.000	95	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000	416267	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.333	3.333	0.000	370605	100.000	96	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000	182762	100.000	98	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.850	3.857	-0.007	372561	100.000	100	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.257	4.263	-0.006	347664	100.000	92	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.850	4.850	0.000	362121	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.073	6.077	-0.004	338244	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.260	6.260	0.000	330409	100.000	96	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.427	6.427	0.000	297036	100.000	95	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.503	6.503	0.000	303725	100.000	99	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.583	6.583	0.000	292415	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.820	6.820	0.000	306073	100.000	98	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.053	7.053	0.000	239063	100.000	99	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.100	7.100	0.000	276700	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.277	7.277	0.000	264860	100.000	96	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.380	7.380	0.000	257852	100.000	96	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.707	7.707	0.000	217088	100.000	93	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.873	7.873	0.000	132980	100.000	93	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.173	8.173	0.000	233385	100.000	95	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.427	8.427	0.000	251608	100.000	94	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WR694105.D
Report Date: 12-Oct-2011 08:05

Page 3

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
9.120	9.120	0.000	221047	100.000	97 80.00- 120.00	100.00					

Data File: WR694105.D

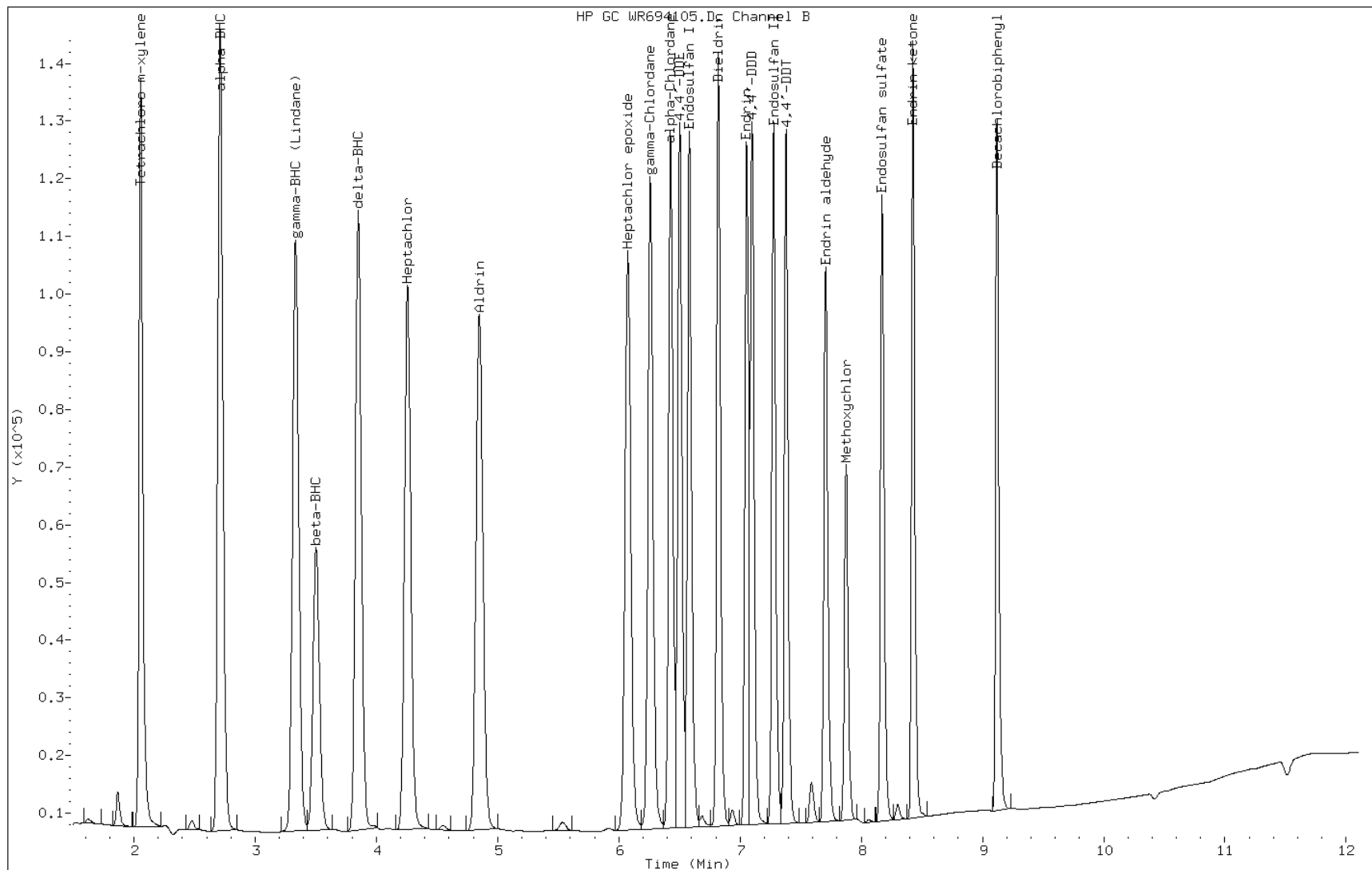
Date: 11-OCT-2011 06:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89205/27 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694127.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4643	4787		103	100	3.1	15.0
gamma-BHC (Lindane)	Ave	4306	4404		102	100	2.3	15.0
beta-BHC	Ave	2058	2058		100	100	0.0	15.0
delta-BHC	Ave	4109	4317		105	100	5.1	15.0
Heptachlor	Ave	3706	3608		97.4	100	-2.6	15.0
Aldrin	Ave	3823	3843		101	100	0.5	15.0
Heptachlor epoxide	Ave	3250	3223		99.2	100	-0.8	15.0
gamma-Chlordane	Ave	3432	3388		98.7	100	-1.3	15.0
alpha-Chlordane	Ave	3215	3144		97.8	100	-2.2	15.0
Endosulfan I	Ave	3071	3035		98.9	100	-1.1	15.0
4,4'-DDE	Ave	3145	3139		99.8	100	-0.2	15.0
Dieldrin	Ave	3218	3208		99.7	100	-0.3	15.0
Endrin	Ave	2413	2507		104	100	3.9	15.0
4,4'-DDD	Ave	2529	2584		102	100	2.2	15.0
Endosulfan II	Ave	2715	2642		97.3	100	-2.7	15.0
4,4'-DDT	Ave	2150	2026		94.2	100	-5.8	15.0
Endrin aldehyde	Ave	2040	1939		95.0	100	-5.0	15.0
Endosulfan sulfate	Ave	2148	2088		97.2	100	-2.8	15.0
Methoxychlor	Ave	1009	1031		102	100	2.2	15.0
Endrin ketone	Ave	2451	2470		101	100	0.7	15.0
Tetrachloro-m-xylene	Ave	3507	3282		93.6	100	-6.4	15.0
DCB Decachlorobiphenyl	Ave	2079	2030		97.6	100	-2.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89205/27 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694127.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.85	3.80	3.90
gamma-BHC (Lindane)	4.62	4.57	4.67
beta-BHC	4.78	4.73	4.83
delta-BHC	5.43	5.38	5.48
Heptachlor	5.60	5.55	5.65
Aldrin	6.26	6.21	6.31
Heptachlor epoxide	6.91	6.84	6.98
gamma-Chlordane	7.11	7.04	7.18
alpha-Chlordane	7.26	7.19	7.33
Endosulfan I	7.33	7.26	7.40
4,4'-DDE	7.41	7.34	7.48
Dieldrin	7.63	7.56	7.70
Endrin	7.97	7.90	8.04
4,4'-DDD	8.04	7.97	8.11
Endosulfan II	8.19	8.12	8.26
4,4'-DDT	8.36	8.29	8.43
Endrin aldehyde	8.49	8.42	8.56
Endosulfan sulfate	8.69	8.62	8.76
Methoxychlor	8.86	8.79	8.93
Endrin ketone	9.08	9.01	9.15
Tetrachloro-m-xylene	2.58	2.53	2.63
DCB Decachlorobiphenyl	10.08	9.98	10.18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694127.D
Lab Smp Id: PESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.580	2.580	0.000	328240	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.853	3.853	0.000	478724	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.620	4.620	0.000	440358	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.783	4.783	0.000	205758	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.427	5.427	0.000	431656	100.000	100	80.00- 120.00	100.00	

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor						CAS #:	76-44-8	
5.600	5.600	0.000	360782	100.000	97	80.00- 120.00	100.00	

1 Aldrin						CAS #:	309-00-2	
6.260	6.260	0.000	384255	100.000	100	80.00- 120.00	100.00	

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.910	6.910	0.000	322343	100.000	99	80.00- 120.00	100.00	

65 gamma-Chlordane						CAS #:	5103-74-2	
7.107	7.107	0.000	338808	100.000	99	80.00- 120.00	100.00	

66 alpha-Chlordane						CAS #:	5103-71-9	
7.260	7.260	0.000	314408	100.000	98	80.00- 120.00	100.00	

11 Endosulfan I						CAS #:	959-98-8	
7.333	7.333	0.000	303535	100.000	99	80.00- 120.00	100.00	

8 4,4'-DDE						CAS #:	72-55-9	
7.407	7.407	0.000	313939	100.000	100	80.00- 120.00	100.00	

10 Dieldrin						CAS #:	60-57-1	
7.627	7.627	0.000	320804	100.000	100	80.00- 120.00	100.00	

14 Endrin						CAS #:	72-20-8	
7.970	7.970	0.000	250683	100.000	100	80.00- 120.00	100.00	

7 4,4'-DDD						CAS #:	72-54-8	
8.043	8.043	0.000	258397	100.000	100	80.00- 120.00	100.00	

12 Endosulfan II						CAS #:	33213-65-9	
8.193	8.193	0.000	264177	100.000	97	80.00- 120.00	100.00	

9 4,4'-DDT						CAS #:	50-29-3	
8.363	8.363	0.000	202576	100.000	94	80.00- 120.00	100.00	

15 Endrin aldehyde						CAS #:	7421-93-4	
8.490	8.490	0.000	193853	100.000	95	80.00- 120.00	100.00	

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.693	8.693	0.000	208777	100.000	97	80.00- 120.00	100.00	

19 Methoxychlor						CAS #:	72-43-5	
8.860	8.860	0.000	103137	100.000	100	80.00- 120.00	100.00	

16 Endrin ketone						CAS #:	53494-70-5	
9.080	9.080	0.000	246951	100.000	100	80.00- 120.00	100.00	

AMOUNTS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)				CAS #: 2051-24-3		
10.077	10.077	0.000	202992	100.000	98	80.00- 120.00
100.00						

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/WF694127.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/08Wf8081.m
Meth Date : 12-Oct-2011 11:26 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.580	2.580	0.000	328240	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6			
3.853	3.853	0.000	478724	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.620	4.620	0.000	440358	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #: 319-85-7			
4.783	4.783	0.000	205758	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #: 319-86-8			
5.427	5.427	0.000	431656	100.000	100	80.00- 120.00	100.00	

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.600	5.600	0.000	360782	100.000	97	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.260	6.260	0.000	384255	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.910	6.910	0.000	322343	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.107	7.107	0.000	338808	100.000	99	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.260	7.260	0.000	314408	100.000	98	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.333	7.333	0.000	303535	100.000	99	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.407	7.407	0.000	313939	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.627	7.627	0.000	320804	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.970	7.970	0.000	250683	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.043	8.043	0.000	258397	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.193	8.193	0.000	264177	100.000	97	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.363	8.363	0.000	202576	100.000	94	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.490	8.490	0.000	193853	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.693	8.693	0.000	208777	100.000	97	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.860	8.860	0.000	103137	100.000	100	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.080	9.080	0.000	246951	100.000	100	80.00-	120.00	100.00

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.077	10.077	0.000	202992	100.000	98 80.00- 120.00	100.00					

Data File: WF694127.D

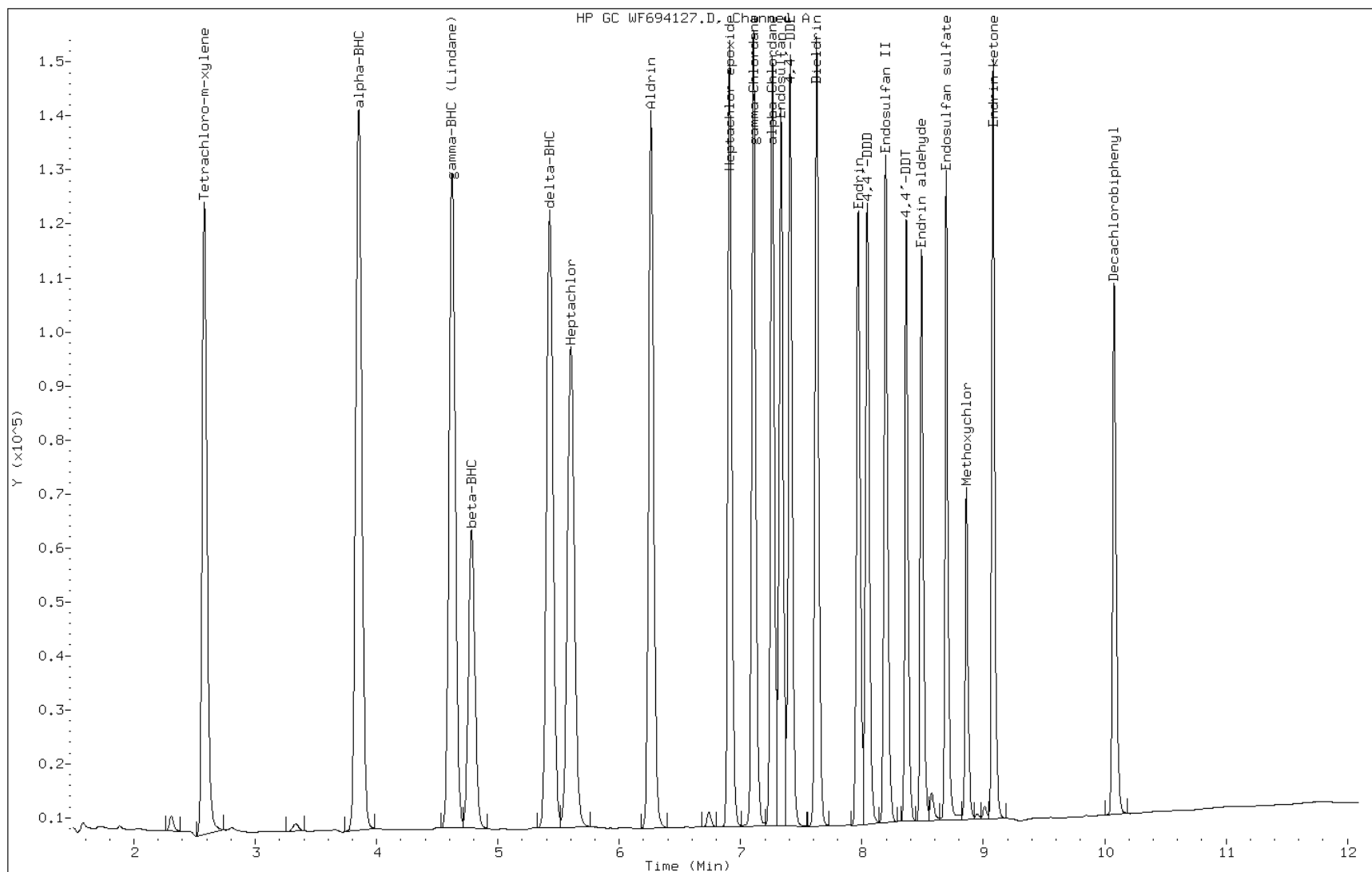
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



Data File: WF694127.D

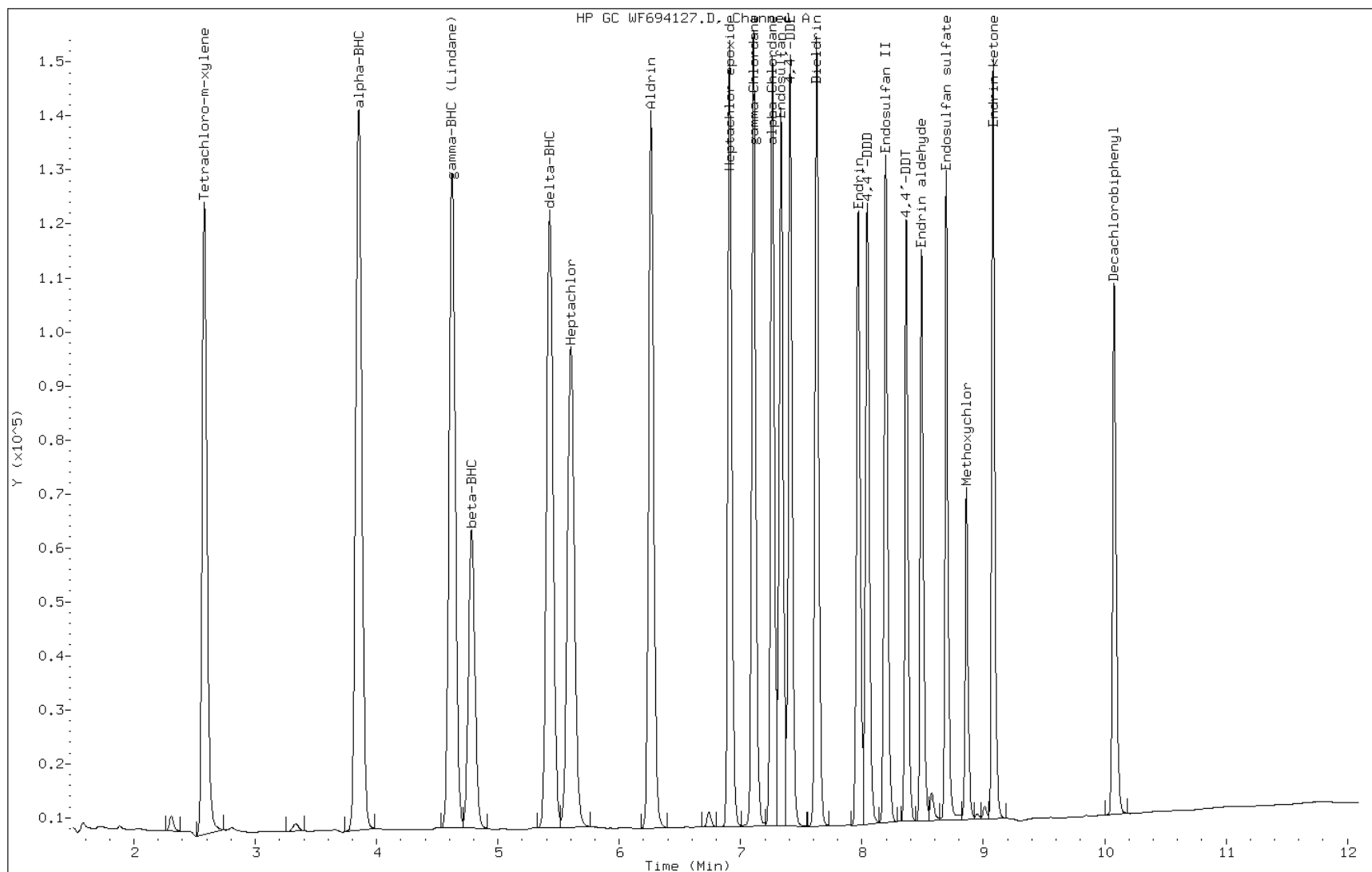
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89222/2 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694127.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4643	4787		103	100	3.1	15.0
gamma-BHC (Lindane)	Ave	4306	4404		102	100	2.3	15.0
beta-BHC	Ave	2058	2058		100	100	0.0	15.0
delta-BHC	Ave	4109	4317		105	100	5.1	15.0
Heptachlor	Ave	3706	3608		97.4	100	-2.6	15.0
Aldrin	Ave	3823	3843		101	100	0.5	15.0
Heptachlor epoxide	Ave	3250	3223		99.2	100	-0.8	15.0
gamma-Chlordane	Ave	3432	3388		98.7	100	-1.3	15.0
alpha-Chlordane	Ave	3215	3144		97.8	100	-2.2	15.0
Endosulfan I	Ave	3071	3035		98.9	100	-1.1	15.0
4,4'-DDE	Ave	3145	3139		99.8	100	-0.2	15.0
Dieldrin	Ave	3218	3208		99.7	100	-0.3	15.0
Endrin	Ave	2413	2507		104	100	3.9	15.0
4,4'-DDD	Ave	2529	2584		102	100	2.2	15.0
Endosulfan II	Ave	2715	2642		97.3	100	-2.7	15.0
4,4'-DDT	Ave	2150	2026		94.2	100	-5.8	15.0
Endrin aldehyde	Ave	2040	1939		95.0	100	-5.0	15.0
Endosulfan sulfate	Ave	2148	2088		97.2	100	-2.8	15.0
Methoxychlor	Ave	1009	1031		102	100	2.2	15.0
Endrin ketone	Ave	2451	2470		101	100	0.7	15.0
Tetrachloro-m-xylene	Ave	3507	3282		93.6	100	-6.4	15.0
DCB Decachlorobiphenyl	Ave	2079	2030		97.6	100	-2.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89222/2 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694127.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.85	3.80	3.90
gamma-BHC (Lindane)	4.62	4.57	4.67
beta-BHC	4.78	4.73	4.83
delta-BHC	5.43	5.38	5.48
Heptachlor	5.60	5.55	5.65
Aldrin	6.26	6.21	6.31
Heptachlor epoxide	6.91	6.84	6.98
gamma-Chlordane	7.11	7.04	7.18
alpha-Chlordane	7.26	7.19	7.33
Endosulfan I	7.33	7.26	7.40
4,4'-DDE	7.41	7.34	7.48
Dieldrin	7.63	7.56	7.70
Endrin	7.97	7.90	8.04
4,4'-DDD	8.04	7.97	8.11
Endosulfan II	8.19	8.13	8.27
4,4'-DDT	8.36	8.30	8.44
Endrin aldehyde	8.49	8.42	8.56
Endosulfan sulfate	8.69	8.62	8.76
Methoxychlor	8.86	8.79	8.93
Endrin ketone	9.08	9.01	9.15
Tetrachloro-m-xylene	2.58	2.53	2.63
DCB Decachlorobiphenyl	10.08	9.98	10.18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694127.D
Lab Smp Id: PESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.580	2.580	0.000	328240	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.853	3.853	0.000	478724	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.620	4.620	0.000	440358	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.783	4.783	0.000	205758	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.427	5.427	0.000	431656	100.000	100	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.600	5.600	0.000	360782	100.000	97	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.260	6.260	0.000	384255	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.910	6.910	0.000	322343	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.107	7.107	0.000	338808	100.000	99	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.260	7.260	0.000	314408	100.000	98	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.333	7.333	0.000	303535	100.000	99	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.407	7.407	0.000	313939	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.627	7.627	0.000	320804	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.970	7.970	0.000	250683	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.043	8.043	0.000	258397	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.193	8.193	0.000	264177	100.000	97	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.363	8.363	0.000	202576	100.000	94	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.490	8.490	0.000	193853	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.693	8.693	0.000	208777	100.000	97	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.860	8.860	0.000	103137	100.000	100	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.080	9.080	0.000	246951	100.000	100	80.00-	120.00	100.00

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.077	10.077	0.000	202992	100.000	98	80.00-	120.00	100.00	

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/WF694127.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/08Wf8081.m
Meth Date : 12-Oct-2011 11:26 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.580	2.580	0.000	328240	100.000	94	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.853	3.853	0.000	478724	100.000	100	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
4.620	4.620	0.000	440358	100.000	100	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
4.783	4.783	0.000	205758	100.000	100	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
5.427	5.427	0.000	431656	100.000	100	80.00- 120.00	100.00		

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.600	5.600	0.000	360782	100.000	97	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.260	6.260	0.000	384255	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.910	6.910	0.000	322343	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.107	7.107	0.000	338808	100.000	99	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.260	7.260	0.000	314408	100.000	98	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.333	7.333	0.000	303535	100.000	99	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.407	7.407	0.000	313939	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.627	7.627	0.000	320804	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.970	7.970	0.000	250683	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.043	8.043	0.000	258397	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.193	8.193	0.000	264177	100.000	97	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.363	8.363	0.000	202576	100.000	94	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.490	8.490	0.000	193853	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.693	8.693	0.000	208777	100.000	97	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.860	8.860	0.000	103137	100.000	100	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.080	9.080	0.000	246951	100.000	100	80.00-	120.00	100.00

Data File: WF694127.D
Report Date: 12-Oct-2011 11:26

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
10.077	10.077	0.000	202992	100.000	98	80.00-	120.00	100.00	

Data File: WF694127.D

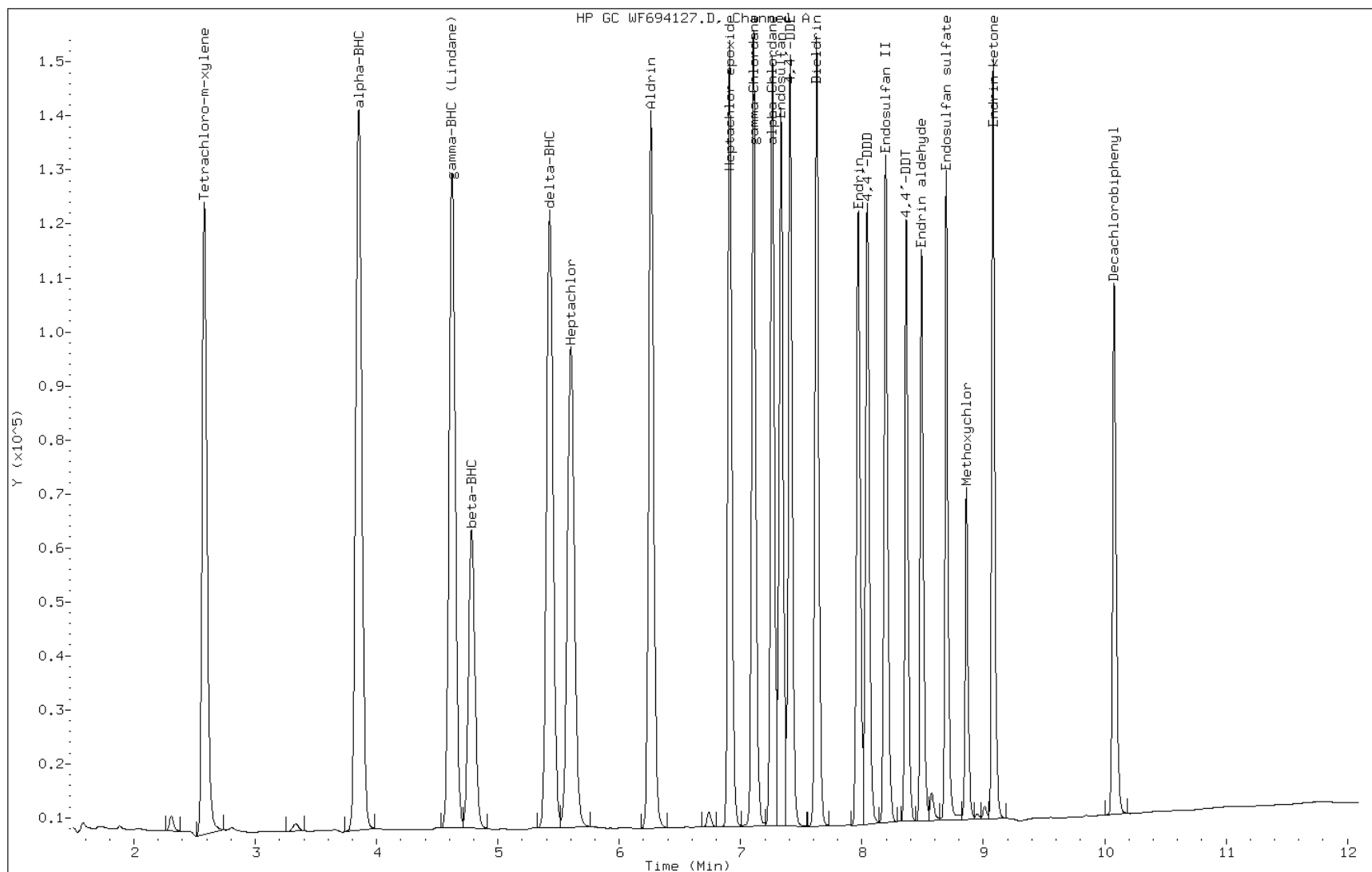
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



Data File: WF694127.D

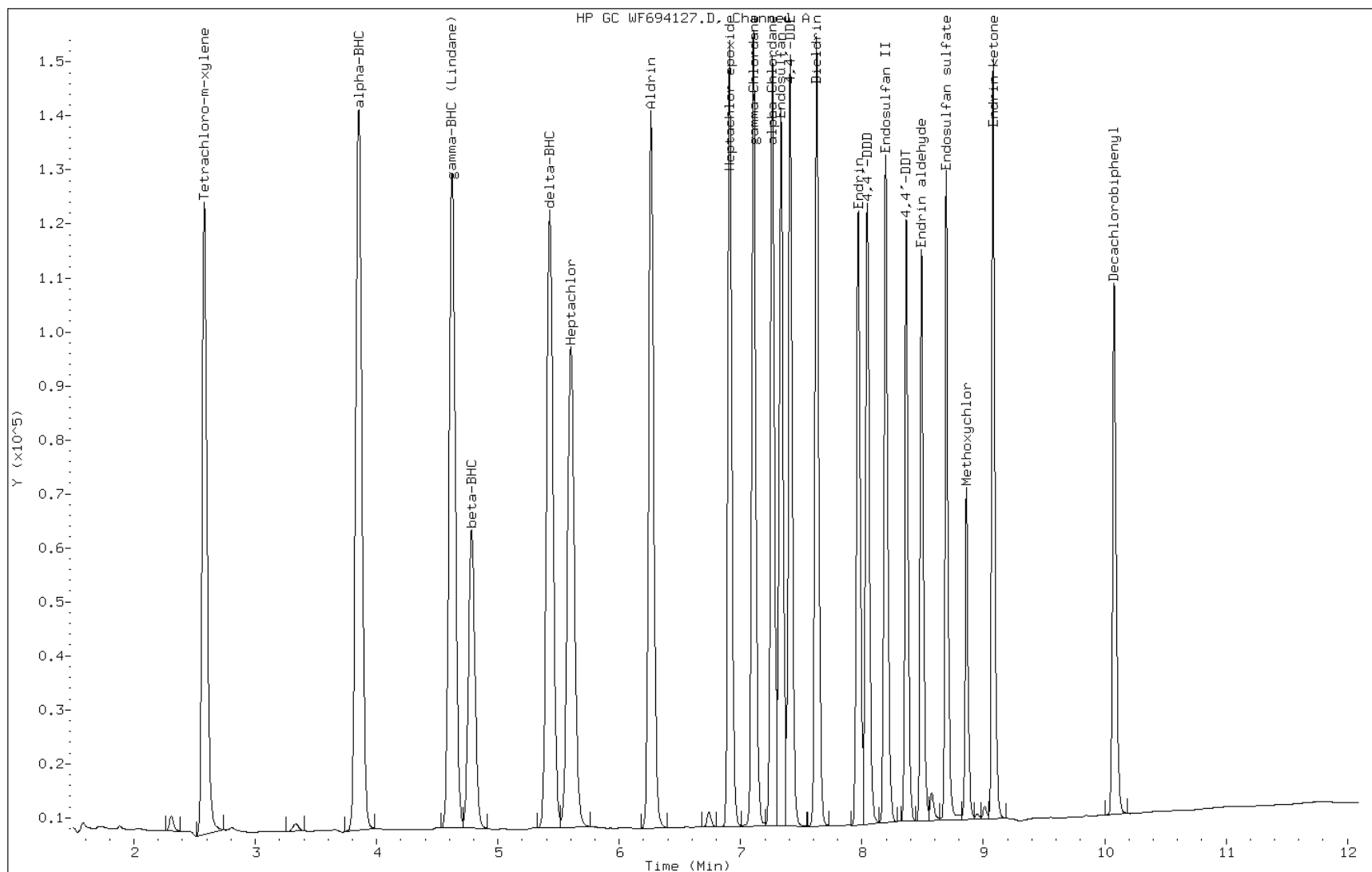
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89205/27 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694127.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4102	4153		101	100	1.3	15.0
gamma-BHC (Lindane)	Ave	3859	3819		99.0	100	-1.0	15.0
beta-BHC	Ave	1855	1830		98.7	100	-1.3	15.0
delta-BHC	Ave	3691	3790		103	100	2.7	15.0
Heptachlor	Ave	3786	3259		86.1	100	-13.9	15.0
Aldrin	Ave	3628	3629		100	100	0.0	15.0
Heptachlor epoxide	Ave	3442	3386		98.4	100	-1.6	15.0
gamma-Chlordane	Ave	3443	3307		96.0	100	-4.0	15.0
alpha-Chlordane	Ave	3112	2990		96.1	100	-3.9	15.0
4,4'-DDE	Ave	3053	3055		100	100	0.0	15.0
Endosulfan I	Ave	2970	2922		98.4	100	-1.6	15.0
Dieldrin	Ave	3105	3073		99.0	100	-1.0	15.0
Endrin	Ave	2405	2378		98.9	100	-1.1	15.0
4,4'-DDD	Ave	2745	2754		100	100	0.3	15.0
Endosulfan II	Ave	2765	2666		96.4	100	-3.6	15.0
4,4'-DDT	Ave	2679	2388		89.1	100	-10.9	15.0
Endrin aldehyde	Ave	2328	2215		95.2	100	-4.8	15.0
Methoxychlor	Ave	1431	1217		85.0	100	-15.0	15.0
Endosulfan sulfate	Ave	2447	2313		94.6	100	-5.4	15.0
Endrin ketone	Ave	2674	2585		96.7	100	-3.3	15.0
Tetrachloro-m-xylene	Ave	2987	2805		93.9	100	-6.1	15.0
DCB Decachlorobiphenyl	Ave	2285	2145		93.8	100	-6.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89205/27 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694127.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.71	2.66	2.76
gamma-BHC (Lindane)	3.33	3.28	3.38
beta-BHC	3.50	3.45	3.55
delta-BHC	3.86	3.81	3.91
Heptachlor	4.26	4.21	4.31
Aldrin	4.85	4.80	4.90
Heptachlor epoxide	6.08	6.01	6.15
gamma-Chlordane	6.26	6.19	6.33
alpha-Chlordane	6.43	6.36	6.50
4,4'-DDE	6.50	6.43	6.57
Endosulfan I	6.58	6.51	6.65
Dieldrin	6.82	6.75	6.89
Endrin	7.05	6.98	7.12
4,4'-DDD	7.10	7.03	7.17
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.38	7.31	7.45
Endrin aldehyde	7.71	7.64	7.78
Methoxychlor	7.87	7.80	7.94
Endosulfan sulfate	8.17	8.10	8.24
Endrin ketone	8.43	8.36	8.50
Tetrachloro-m-xylene	2.06	2.01	2.11
DCB Decachlorobiphenyl	9.12	9.02	9.22

Data File: WR694127.D
Report Date: 12-Oct-2011 08:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694127.D
Lab Smp Id: PESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.057	2.057	0.000	280476	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000	415315	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.333	3.333	0.000	381941	100.000	99	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000	183032	100.000	99	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.857	3.857	0.000	379029	100.000	100	80.00- 120.00	100.00	

Data File: WR694127.D
Report Date: 12-Oct-2011 08:28

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.263	4.263	0.000	325879	100.000	86	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.850	4.850	0.000	362854	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.077	6.077	0.000	338638	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.260	6.260	0.000	330715	100.000	96	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.427	6.427	0.000	299046	100.000	96	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.503	6.503	0.000	305502	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.583	6.583	0.000	292186	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.820	6.820	0.000	307303	100.000	99	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.053	7.053	0.000	237837	100.000	99	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.100	7.100	0.000	275393	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.277	7.277	0.000	266578	100.000	96	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.380	7.380	0.000	238786	100.000	89	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.707	7.707	0.000	221511	100.000	95	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.873	7.873	0.000	121660	100.000	85	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.173	8.173	0.000	231345	100.000	94	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.427	8.427	0.000	258499	100.000	97	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WR694127.D
 Report Date: 12-Oct-2011 08:28

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.120	9.120	0.000	214460	100.000	94	80.00-	120.00	100.00	

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/WR694127.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/08Wr8081.m
Meth Date : 12-Oct-2011 09:06 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE		RATIO	
==	=====	=====	RESPONSE	(ug/L)	(ug/L)	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)									
					CAS #:				
2.057	2.057	0.000	280476	100.000	94	80.00-	120.00	100.00	

2 alpha-BHC									
					CAS #:				
2.713	2.713	0.000	415315	100.000	100	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)									
					CAS #:				
3.333	3.337	-0.004	381941	100.000	99	80.00-	120.00	100.00	

3 beta-BHC									
					CAS #:				
3.503	3.503	0.000	183032	100.000	99	80.00-	120.00	100.00	

4 delta-BHC									
					CAS #:				
3.857	3.850	0.007	379029	100.000	100	80.00-	120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.263	4.257	0.006	325879	100.000	86	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.850	4.853	-0.003	362854	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.077	6.077	0.000	338638	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.260	6.263	-0.003	330715	100.000	96	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.427	6.427	0.000	299046	100.000	96	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.503	6.503	0.000	305502	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.583	6.583	0.000	292186	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.820	6.820	0.000	307303	100.000	99	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.053	7.057	-0.004	237837	100.000	99	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.100	7.100	0.000	275393	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.277	7.277	0.000	266578	100.000	96	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.380	7.380	0.000	238786	100.000	89	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.707	7.707	0.000	221511	100.000	95	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.873	7.877	-0.004	121660	100.000	85	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.173	8.173	0.000	231345	100.000	94	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.427	8.427	0.000	258499	100.000	97	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
9.120	9.120	0.000	214460	100.000	94 80.00- 120.00	100.00					

Data File: WR694127.D

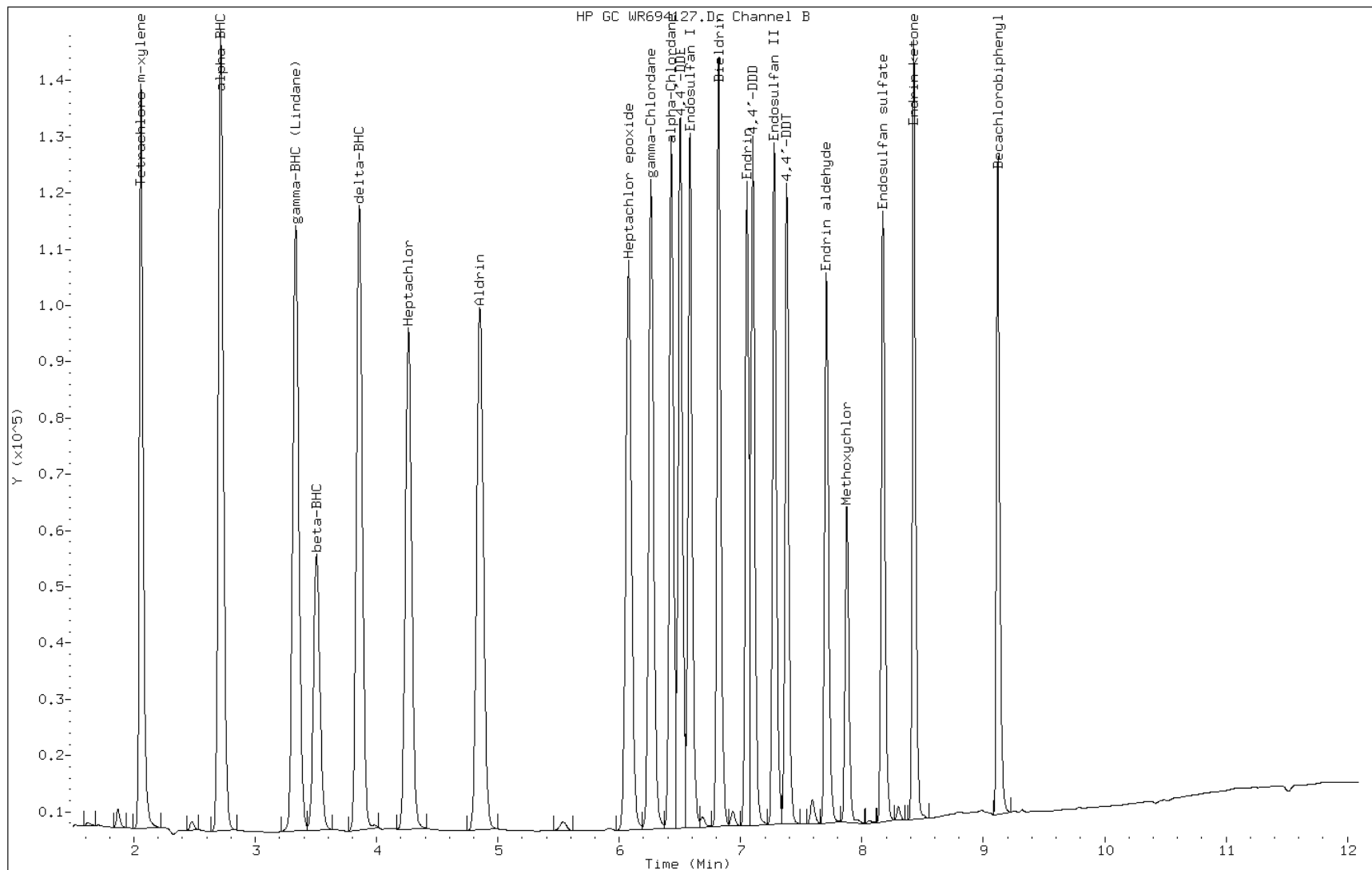
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



Data File: WR694127.D

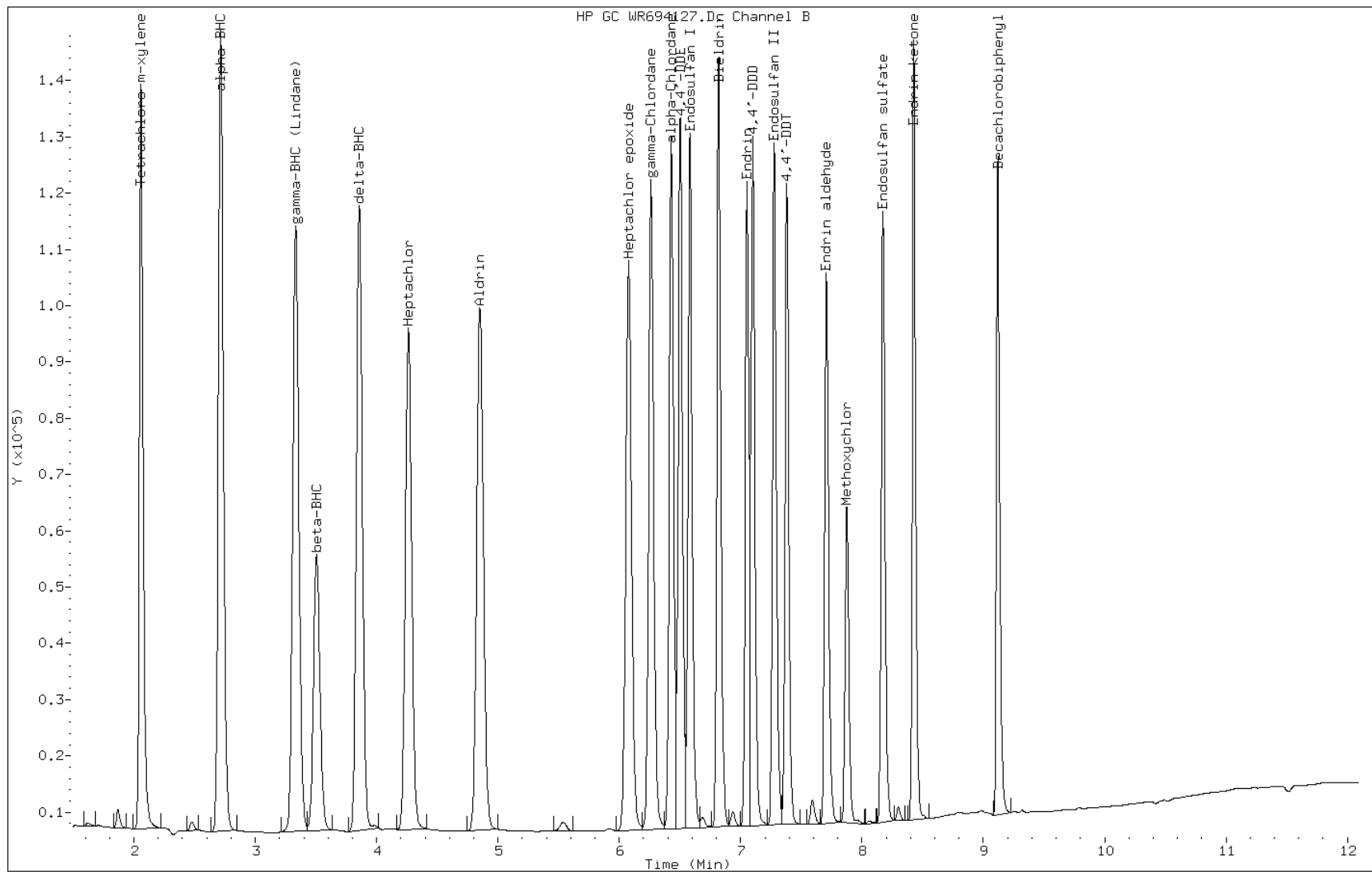
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89222/2 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694127.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4102	4153		101	100	1.3	15.0
gamma-BHC (Lindane)	Ave	3859	3819		99.0	100	-1.0	15.0
beta-BHC	Ave	1855	1830		98.7	100	-1.3	15.0
delta-BHC	Ave	3691	3790		103	100	2.7	15.0
Heptachlor	Ave	3786	3259		86.1	100	-13.9	15.0
Aldrin	Ave	3628	3629		100	100	0.0	15.0
Heptachlor epoxide	Ave	3442	3386		98.4	100	-1.6	15.0
gamma-Chlordane	Ave	3443	3307		96.0	100	-4.0	15.0
alpha-Chlordane	Ave	3112	2990		96.1	100	-3.9	15.0
4,4'-DDE	Ave	3053	3055		100	100	0.0	15.0
Endosulfan I	Ave	2970	2922		98.4	100	-1.6	15.0
Dieldrin	Ave	3105	3073		99.0	100	-1.0	15.0
Endrin	Ave	2405	2378		98.9	100	-1.1	15.0
4,4'-DDD	Ave	2745	2754		100	100	0.3	15.0
Endosulfan II	Ave	2765	2666		96.4	100	-3.6	15.0
4,4'-DDT	Ave	2679	2388		89.1	100	-10.9	15.0
Endrin aldehyde	Ave	2328	2215		95.2	100	-4.8	15.0
Methoxychlor	Ave	1431	1217		85.0	100	-15.0	15.0
Endosulfan sulfate	Ave	2447	2313		94.6	100	-5.4	15.0
Endrin ketone	Ave	2674	2585		96.7	100	-3.3	15.0
Tetrachloro-m-xylene	Ave	2987	2805		93.9	100	-6.1	15.0
DCB Decachlorobiphenyl	Ave	2285	2145		93.8	100	-6.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89222/2 Calibration Date: 10/11/2011 12:11
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694127.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.71	2.66	2.76
gamma-BHC (Lindane)	3.33	3.29	3.39
beta-BHC	3.50	3.45	3.55
delta-BHC	3.86	3.80	3.90
Heptachlor	4.26	4.21	4.31
Aldrin	4.85	4.80	4.90
Heptachlor epoxide	6.08	6.01	6.15
gamma-Chlordane	6.26	6.19	6.33
alpha-Chlordane	6.43	6.36	6.50
4,4'-DDE	6.50	6.43	6.57
Endosulfan I	6.58	6.51	6.65
Dieldrin	6.82	6.75	6.89
Endrin	7.05	6.99	7.13
4,4'-DDD	7.10	7.03	7.17
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.38	7.31	7.45
Endrin aldehyde	7.71	7.64	7.78
Methoxychlor	7.87	7.81	7.95
Endosulfan sulfate	8.17	8.10	8.24
Endrin ketone	8.43	8.36	8.50
Tetrachloro-m-xylene	2.06	2.01	2.11
DCB Decachlorobiphenyl	9.12	9.02	9.22

Data File: WR694127.D
Report Date: 12-Oct-2011 08:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694127.D
Lab Smp Id: PESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.057	2.057	0.000	280476	100.000	94	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000	415315	100.000	100	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.333	3.333	0.000	381941	100.000	99	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000	183032	100.000	99	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.857	3.857	0.000	379029	100.000	100	80.00-	120.00	100.00

Data File: WR694127.D
Report Date: 12-Oct-2011 08:28

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.263	4.263	0.000	325879	100.000	86	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.850	4.850	0.000	362854	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.077	6.077	0.000	338638	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.260	6.260	0.000	330715	100.000	96	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.427	6.427	0.000	299046	100.000	96	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.503	6.503	0.000	305502	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.583	6.583	0.000	292186	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.820	6.820	0.000	307303	100.000	99	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.053	7.053	0.000	237837	100.000	99	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.100	7.100	0.000	275393	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.277	7.277	0.000	266578	100.000	96	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.380	7.380	0.000	238786	100.000	89	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.707	7.707	0.000	221511	100.000	95	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.873	7.873	0.000	121660	100.000	85	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.173	8.173	0.000	231345	100.000	94	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.427	8.427	0.000	258499	100.000	97	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WR694127.D
Report Date: 12-Oct-2011 08:28

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.120	9.120	0.000	214460	100.000	94	80.00-	120.00	100.00	

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/WR694127.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 12:11
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/08Wr8081.m
Meth Date : 12-Oct-2011 09:06 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.057	2.057	0.000	280476	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000	415315	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.333	3.337	-0.004	381941	100.000	99	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000	183032	100.000	99	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.857	3.850	0.007	379029	100.000	100	80.00- 120.00	100.00	

				AMOUNTS				
RT	EXP RT	DLT RT		RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.263	4.257	0.006		325879	100.000	86	80.00- 120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.850	4.853	-0.003		362854	100.000	100	80.00- 120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.077	6.077	0.000		338638	100.000	98	80.00- 120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.260	6.263	-0.003		330715	100.000	96	80.00- 120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.427	6.427	0.000		299046	100.000	96	80.00- 120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.503	6.503	0.000		305502	100.000	100	80.00- 120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.583	6.583	0.000		292186	100.000	98	80.00- 120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.820	6.820	0.000		307303	100.000	99	80.00- 120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.053	7.057	-0.004		237837	100.000	99	80.00- 120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.100	7.100	0.000		275393	100.000	100	80.00- 120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.277	7.277	0.000		266578	100.000	96	80.00- 120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.380	7.380	0.000		238786	100.000	89	80.00- 120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.707	7.707	0.000		221511	100.000	95	80.00- 120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.873	7.877	-0.004		121660	100.000	85	80.00- 120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.173	8.173	0.000		231345	100.000	94	80.00- 120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.427	8.427	0.000		258499	100.000	97	80.00- 120.00	100.00

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
9.120	9.120	0.000	214460	100.000	94 80.00- 120.00	100.00					

Data File: WR694127.D

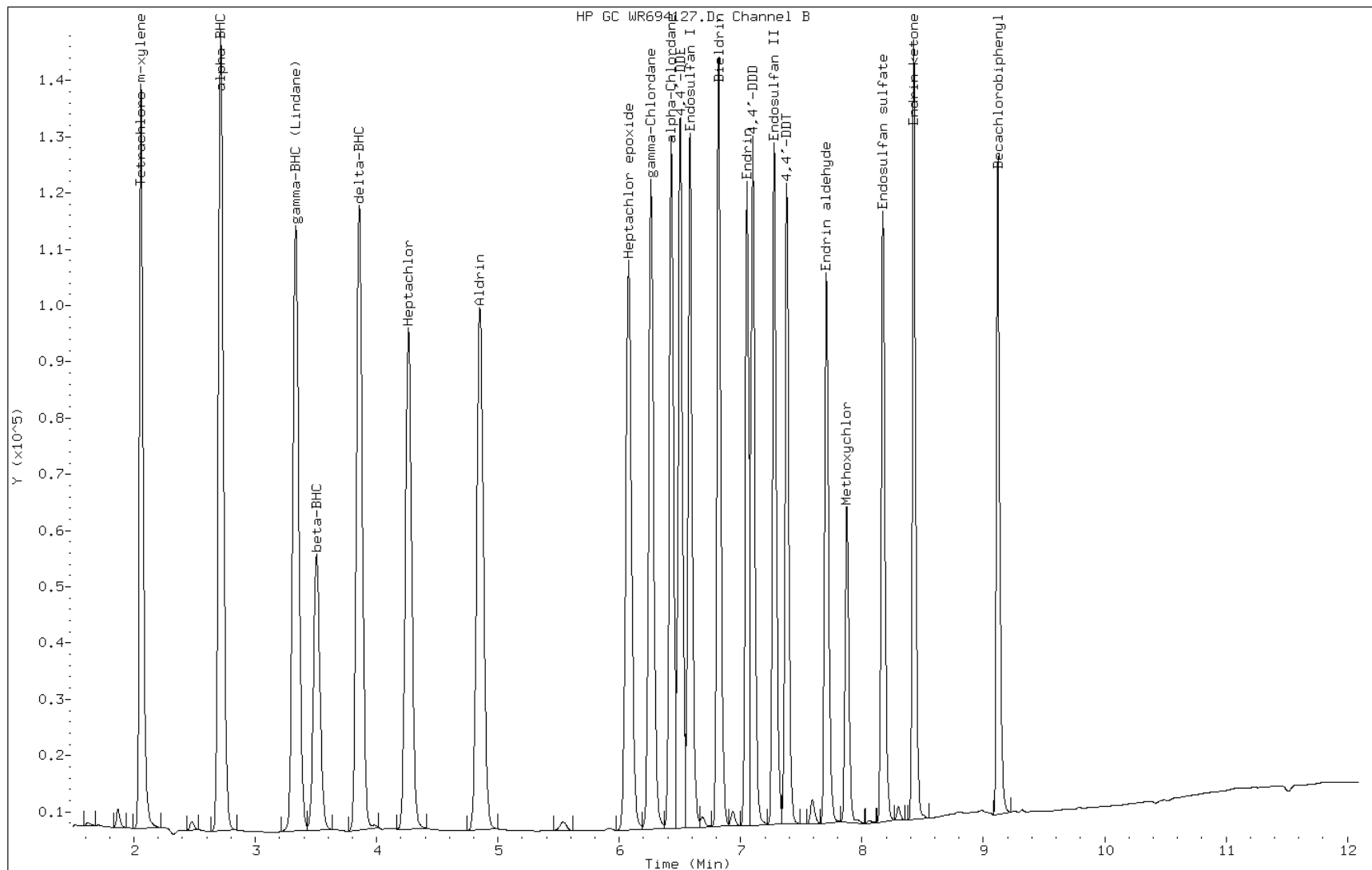
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



Data File: WR694127.D

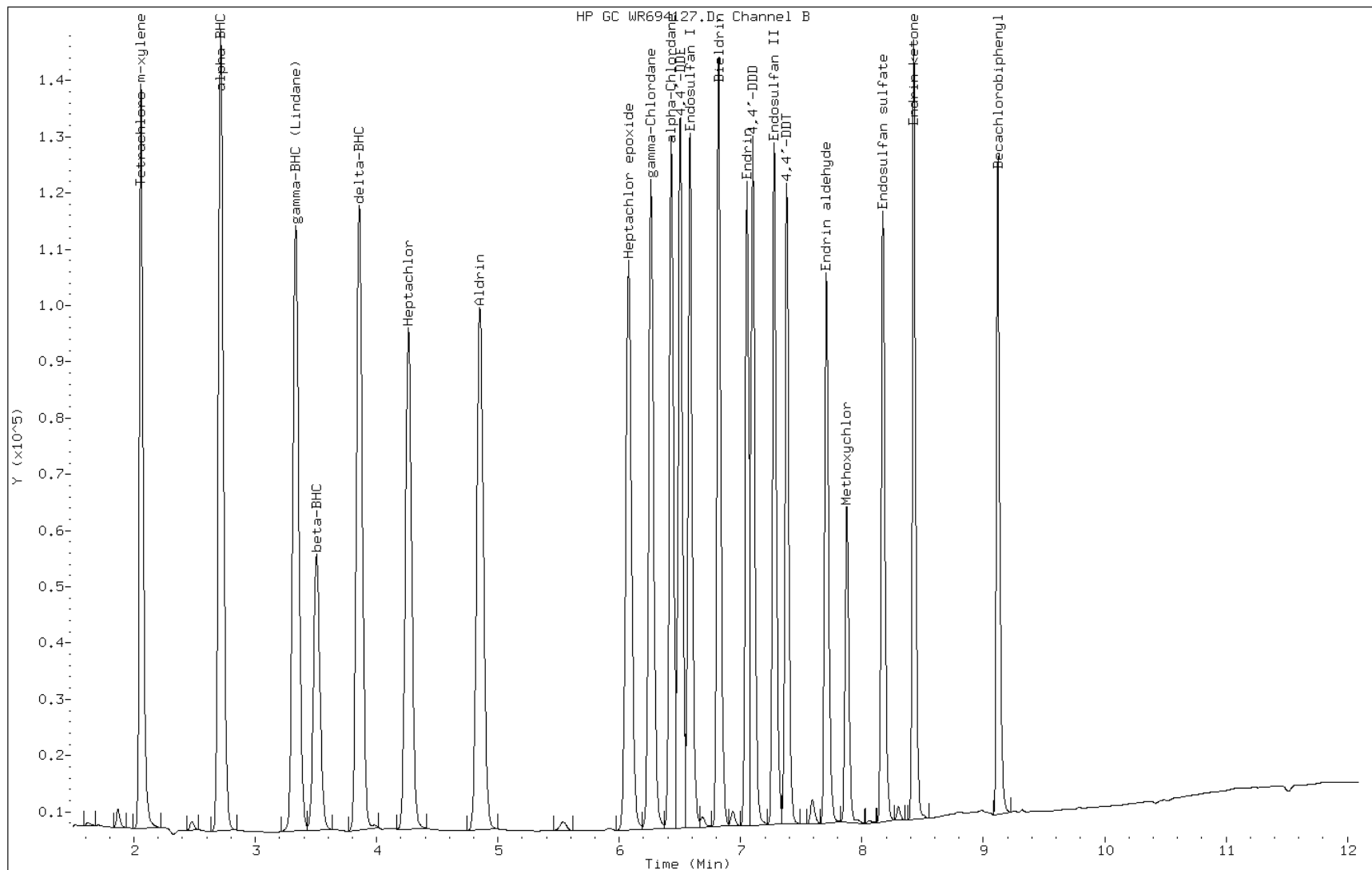
Date: 11-OCT-2011 12:11

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89222/25 Calibration Date: 10/11/2011 17:32
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694150.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4643	4891		105	100	5.4	15.0
gamma-BHC (Lindane)	Ave	4306	4479		104	100	4.0	15.0
beta-BHC	Ave	2058	2098		102	100	2.0	15.0
delta-BHC	Ave	4109	4385		107	100	6.7	15.0
Heptachlor	Ave	3706	3523		95.1	100	-4.9	15.0
Aldrin	Ave	3823	3930		103	100	2.8	15.0
Heptachlor epoxide	Ave	3250	3326		102	100	2.3	15.0
gamma-Chlordane	Ave	3432	3498		102	100	1.9	15.0
alpha-Chlordane	Ave	3215	3251		101	100	1.1	15.0
Endosulfan I	Ave	3071	3158		103	100	2.9	15.0
4,4'-DDE	Ave	3145	3283		104	100	4.4	15.0
Dieldrin	Ave	3218	3365		105	100	4.6	15.0
Endrin	Ave	2413	2466		102	100	2.2	15.0
4,4'-DDD	Ave	2529	2763		109	100	9.2	15.0
Endosulfan II	Ave	2715	2807		103	100	3.4	15.0
4,4'-DDT	Ave	2150	1999		93.0	100	-7.0	15.0
Endrin aldehyde	Ave	2040	2135		105	100	4.7	15.0
Endosulfan sulfate	Ave	2148	2235		104	100	4.1	15.0
Methoxychlor	Ave	1009	1020		101	100	1.1	15.0
Endrin ketone	Ave	2451	2666		109	100	8.8	15.0
Tetrachloro-m-xylene	Ave	3507	3333		95.0	100	-5.0	15.0
DCB Decachlorobiphenyl	Ave	2079	2169		104	100	4.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89222/25 Calibration Date: 10/11/2011 17:32
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WF694150.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.85	3.80	3.90
gamma-BHC (Lindane)	4.62	4.57	4.67
beta-BHC	4.78	4.73	4.83
delta-BHC	5.43	5.38	5.48
Heptachlor	5.60	5.55	5.65
Aldrin	6.26	6.21	6.31
Heptachlor epoxide	6.91	6.84	6.98
gamma-Chlordane	7.11	7.04	7.18
alpha-Chlordane	7.26	7.19	7.33
Endosulfan I	7.33	7.26	7.40
4,4'-DDE	7.41	7.34	7.48
Dieldrin	7.63	7.56	7.70
Endrin	7.97	7.90	8.04
4,4'-DDD	8.04	7.97	8.11
Endosulfan II	8.20	8.13	8.27
4,4'-DDT	8.37	8.30	8.44
Endrin aldehyde	8.49	8.42	8.56
Endosulfan sulfate	8.69	8.62	8.76
Methoxychlor	8.86	8.79	8.93
Endrin ketone	9.08	9.01	9.15
Tetrachloro-m-xylene	2.58	2.53	2.63
DCB Decachlorobiphenyl	10.08	9.98	10.18

Data File: WF694150.D
Report Date: 12-Oct-2011 11:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/WF694150.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 17:32
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/08Wf8081.m
Meth Date : 12-Oct-2011 11:28 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.577	2.577	0.000	333283	100.000	95	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.850	3.850	0.000	489128	100.000	100	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
4.620	4.620	0.000	447877	100.000	100	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
4.783	4.783	0.000	209800	100.000	100	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
5.430	5.430	0.000	438541	100.000	110	80.00- 120.00	100.00		

Data File: WF694150.D
Report Date: 12-Oct-2011 11:28

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.603	5.603	0.000	352288	100.000	95	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.263	6.263	0.000	392969	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.910	6.910	0.000	332564	100.000	100	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.107	7.107	0.000	349791	100.000	100	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.260	7.260	0.000	325100	100.000	100	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.333	7.333	0.000	315831	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.407	7.407	0.000	328346	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.627	7.627	0.000	336528	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.970	7.970	0.000	246612	100.000	100	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.043	8.043	0.000	276314	100.000	110	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.197	8.197	0.000	280726	100.000	100	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.367	8.367	0.000	199920	100.000	93	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
8.490	8.490	0.000	213515	100.000	100	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.693	8.693	0.000	223546	100.000	100	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.860	8.860	0.000	102046	100.000	100	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.080	9.080	0.000	266595	100.000	110	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WF694150.D
 Report Date: 12-Oct-2011 11:28

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.077	10.077	0.000	216890	100.000	100	80.00-	120.00	100.00	

Data File: WF694150.D

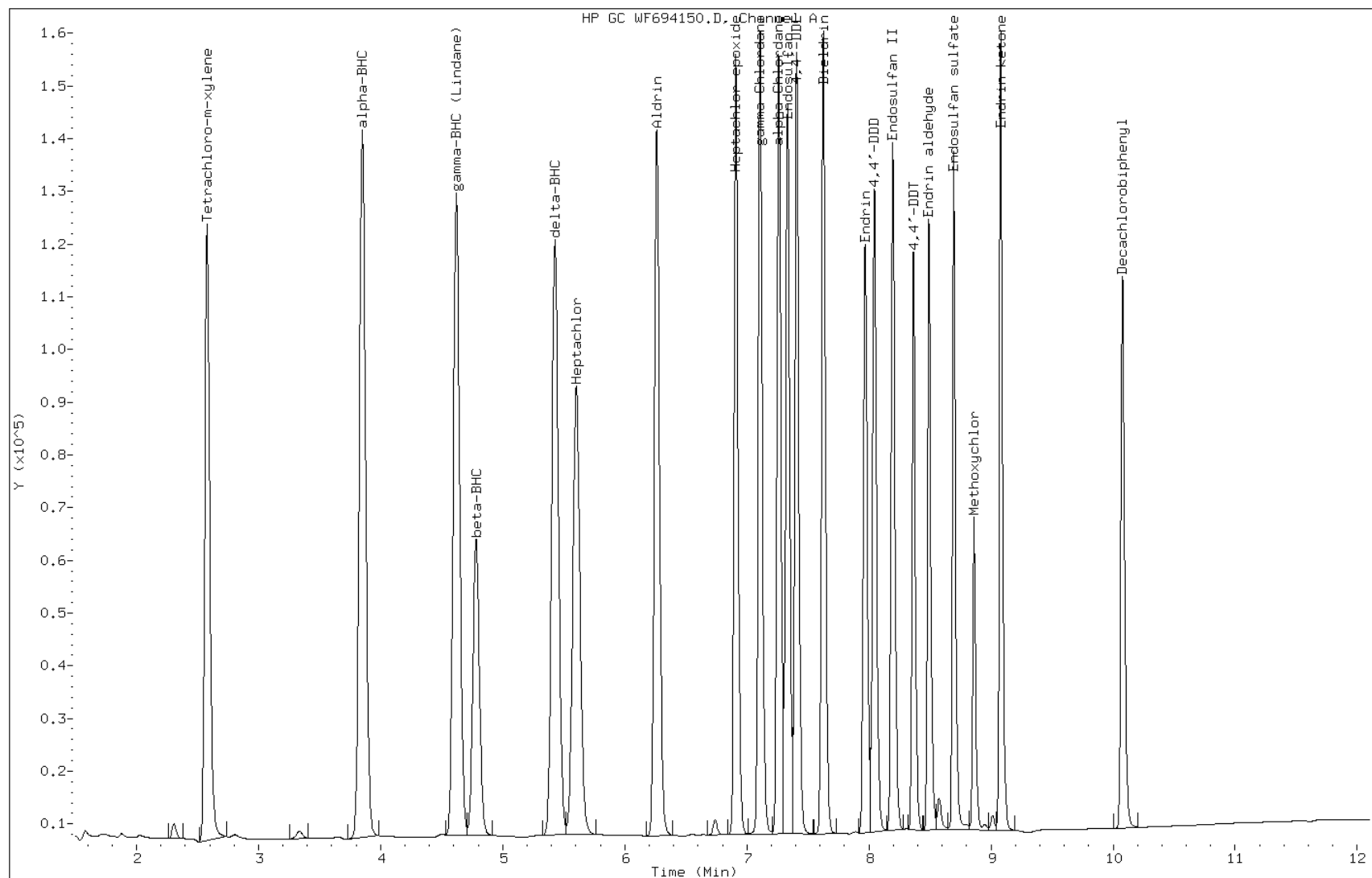
Date: 11-OCT-2011 17:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89222/25 Calibration Date: 10/11/2011 17:32
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694150.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4102	4201		102	100	2.4	15.0
gamma-BHC (Lindane)	Ave	3859	3867		100	100	0.2	15.0
beta-BHC	Ave	1855	1848		99.6	100	-0.4	15.0
delta-BHC	Ave	3691	3848		104	100	4.3	15.0
Heptachlor	Ave	3786	3453		91.2	100	-8.8	15.0
Aldrin	Ave	3628	3683		102	100	1.5	15.0
Heptachlor epoxide	Ave	3442	3434		99.8	100	-0.2	15.0
gamma-Chlordane	Ave	3443	3349		97.3	100	-2.7	15.0
alpha-Chlordane	Ave	3112	3065		98.5	100	-1.5	15.0
4,4'-DDE	Ave	3053	3045		99.7	100	-0.3	15.0
Endosulfan I	Ave	2970	2980		100	100	0.3	15.0
Dieldrin	Ave	3105	3117		100	100	0.4	15.0
Endrin	Ave	2405	2213		92.0	100	-8.0	15.0
4,4'-DDD	Ave	2745	2892		105	100	5.3	15.0
Endosulfan II	Ave	2765	2717		98.3	100	-1.7	15.0
4,4'-DDT	Ave	2679	2365		88.3	100	-11.7	15.0
Endrin aldehyde	Ave	2328	2347		101	100	0.8	15.0
Methoxychlor	Ave	1431	1224		85.6	100	-14.4	15.0
Endosulfan sulfate	Ave	2447	2399		98.0	100	-2.0	15.0
Endrin ketone	Ave	2674	2710		101	100	1.4	15.0
Tetrachloro-m-xylene	Ave	2987	2843		95.2	100	-4.8	15.0
DCB Decachlorobiphenyl	Ave	2285	2253		98.6	100	-1.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89222/25 Calibration Date: 10/11/2011 17:32
 Instrument ID: PESTGC4 Calib Start Date: 10/03/2011 06:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/03/2011 07:27
 Lab File ID: WR694150.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.71	2.66	2.76
gamma-BHC (Lindane)	3.34	3.29	3.39
beta-BHC	3.50	3.45	3.55
delta-BHC	3.85	3.80	3.90
Heptachlor	4.26	4.21	4.31
Aldrin	4.85	4.80	4.90
Heptachlor epoxide	6.08	6.01	6.15
gamma-Chlordane	6.26	6.19	6.33
alpha-Chlordane	6.43	6.36	6.50
4,4'-DDE	6.50	6.43	6.57
Endosulfan I	6.58	6.51	6.65
Dieldrin	6.82	6.75	6.89
Endrin	7.06	6.99	7.13
4,4'-DDD	7.10	7.03	7.17
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.38	7.31	7.45
Endrin aldehyde	7.71	7.64	7.78
Methoxychlor	7.88	7.81	7.95
Endosulfan sulfate	8.17	8.10	8.24
Endrin ketone	8.43	8.36	8.50
Tetrachloro-m-xylene	2.06	2.01	2.11
DCB Decachlorobiphenyl	9.12	9.02	9.22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/WR694150.D
Lab Smp Id: SGPESTL3_00010
Inj Date : 11-OCT-2011 17:32
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/08Wr8081.m
Meth Date : 12-Oct-2011 09:06 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693768.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.057	2.057	0.000	284287	100.000	95	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000	420105	100.000	100	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.337	3.337	0.000	386715	100.000	100	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000	184776	100.000	100	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
3.850	3.850	0.000	384836	100.000	100	80.00- 120.00		100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.257	4.257	0.000	345321	100.000	91	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.853	4.853	0.000	368268	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.077	6.077	0.000	343414	100.000	100	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.263	6.263	0.000	334940	100.000	97	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.427	6.427	0.000	306486	100.000	98	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.503	6.503	0.000	304452	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.583	6.583	0.000	297969	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.820	6.820	0.000	311744	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.057	7.057	0.000	221300	100.000	92	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.100	7.100	0.000	289156	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.277	7.277	0.000	271701	100.000	98	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.380	7.380	0.000	236480	100.000	88	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.707	7.707	0.000	234654	100.000	100	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.877	7.877	0.000	122428	100.000	86	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.173	8.173	0.000	239894	100.000	98	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.427	8.427	0.000	271033	100.000	100	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.120	9.120	0.000	225335	100.000	99	80.00-	120.00	100.00	

Data File: WR694150.D

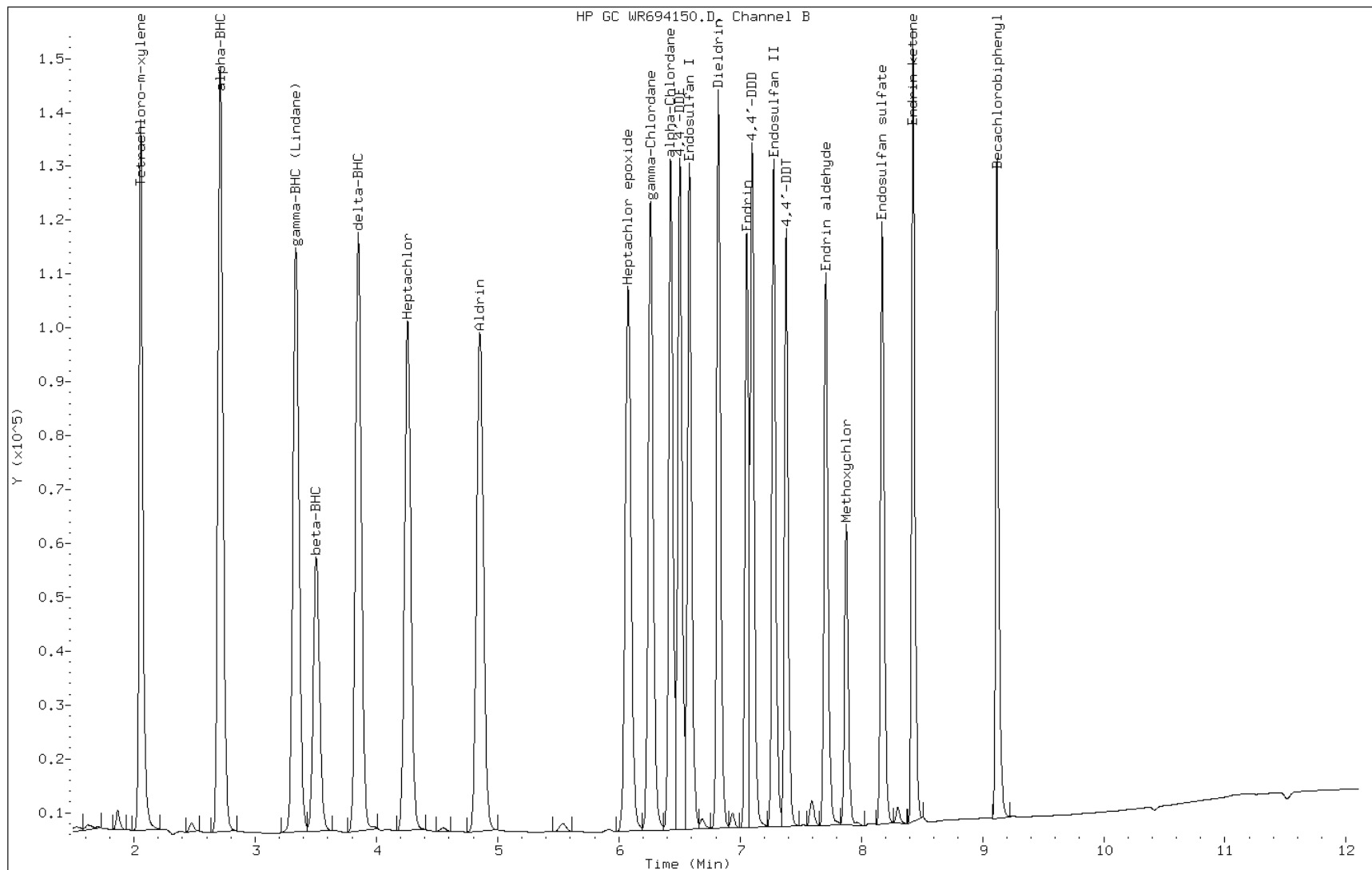
Date: 11-OCT-2011 17:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00010

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88837/1-A
Matrix: Solid Lab File ID: WF694148.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 17:04
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		53-150
877-09-8	Tetrachloro-m-xylene	108		40-150

Data File: WF694148.D
Report Date: 12-Oct-2011 12:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/WF694148.D
Lab Smp Id: MB 460-88837/1-A
Inj Date : 11-OCT-2011 17:04
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-88837/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11b.b/08Wf8081.m
Meth Date : 12-Oct-2011 11:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.580	2.577	0.003	188829	53.8413	36	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.077	10.077	0.000	147054	70.7360	47	80.00- 120.00	100.00		

Data File: WF694148.D

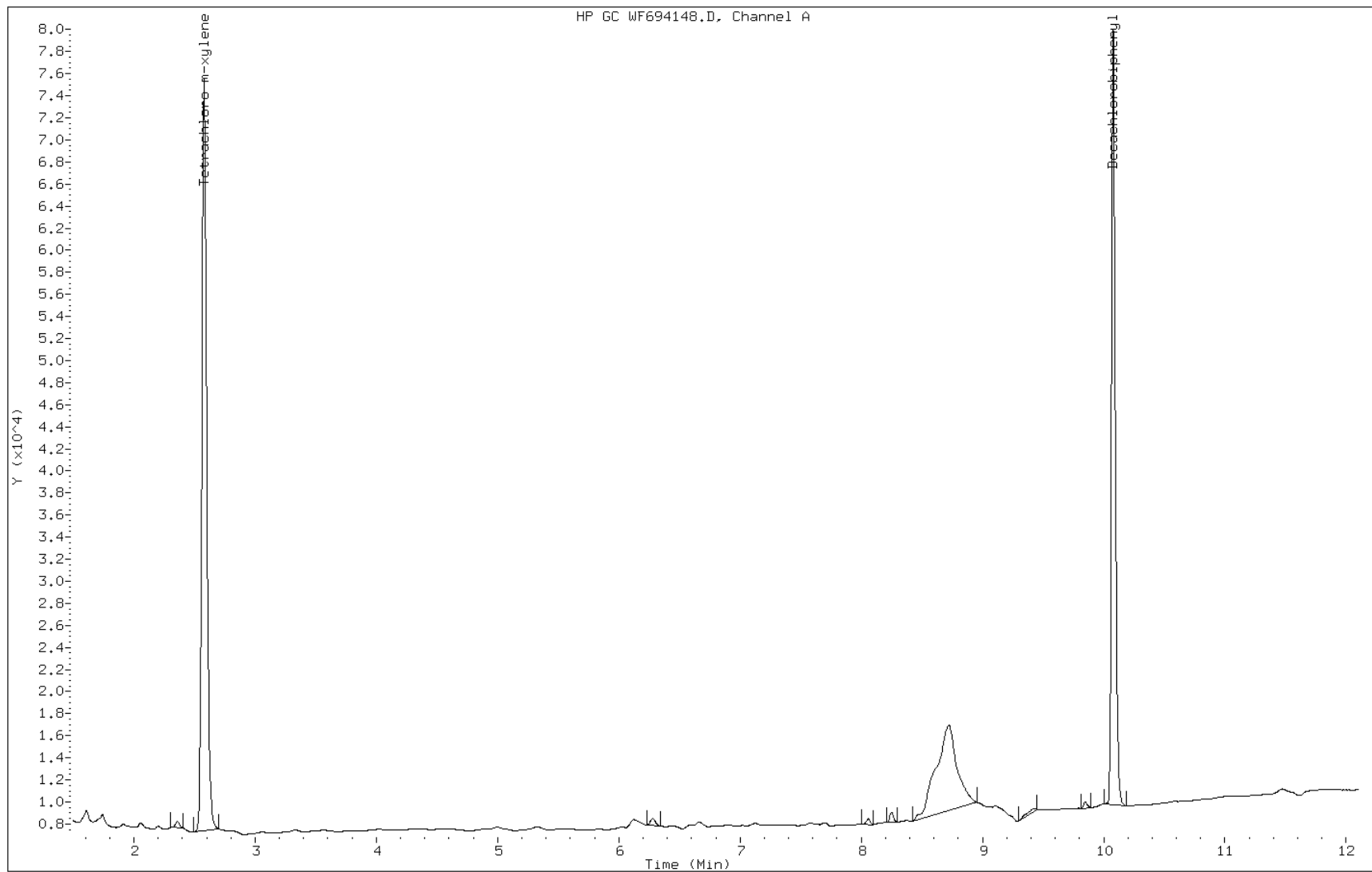
Date: 11-OCT-2011 17:04

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-88837/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88837/1-A
 Matrix: Solid Lab File ID: WR694148.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 17:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	6.7	U	6.7	1.2
319-85-7	beta-BHC	6.7	U	6.7	0.91
319-86-8	delta-BHC	6.7	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	0.78
76-44-8	Heptachlor	6.7	U	6.7	0.96
309-00-2	Aldrin	6.7	U	6.7	1.5
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.4
959-98-8	Endosulfan I	6.7	U	6.7	1.4
60-57-1	Dieldrin	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	0.94
33213-65-9	Endosulfan II	6.7	U	6.7	1.0
72-54-8	4,4'-DDD	6.7	U	6.7	0.80
1031-07-8	Endosulfan sulfate	6.7	U	6.7	0.86
50-29-3	4,4'-DDT	6.7	U	6.7	0.84
72-43-5	Methoxychlor	6.7	U	6.7	0.75
53494-70-5	Endrin ketone	6.7	U	6.7	0.99
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.7
5103-71-9	alpha-Chlordane	6.7	U	6.7	1.4
5103-74-2	gamma-Chlordane	6.7	U	6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		53-150
877-09-8	Tetrachloro-m-xylene	108		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/WR694148.D
Lab Smp Id: MB 460-88837/1-A
Inj Date : 11-OCT-2011 17:04
Operator :
Smp Info : MB 460-88837/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b/08Wr8081.m
Meth Date : 12-Oct-2011 09:06 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.057	2.057	0.000	161204	53.9756	36	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	153929	67.3583	45	80.00-	120.00	100.00	

Data File: WR694148.D

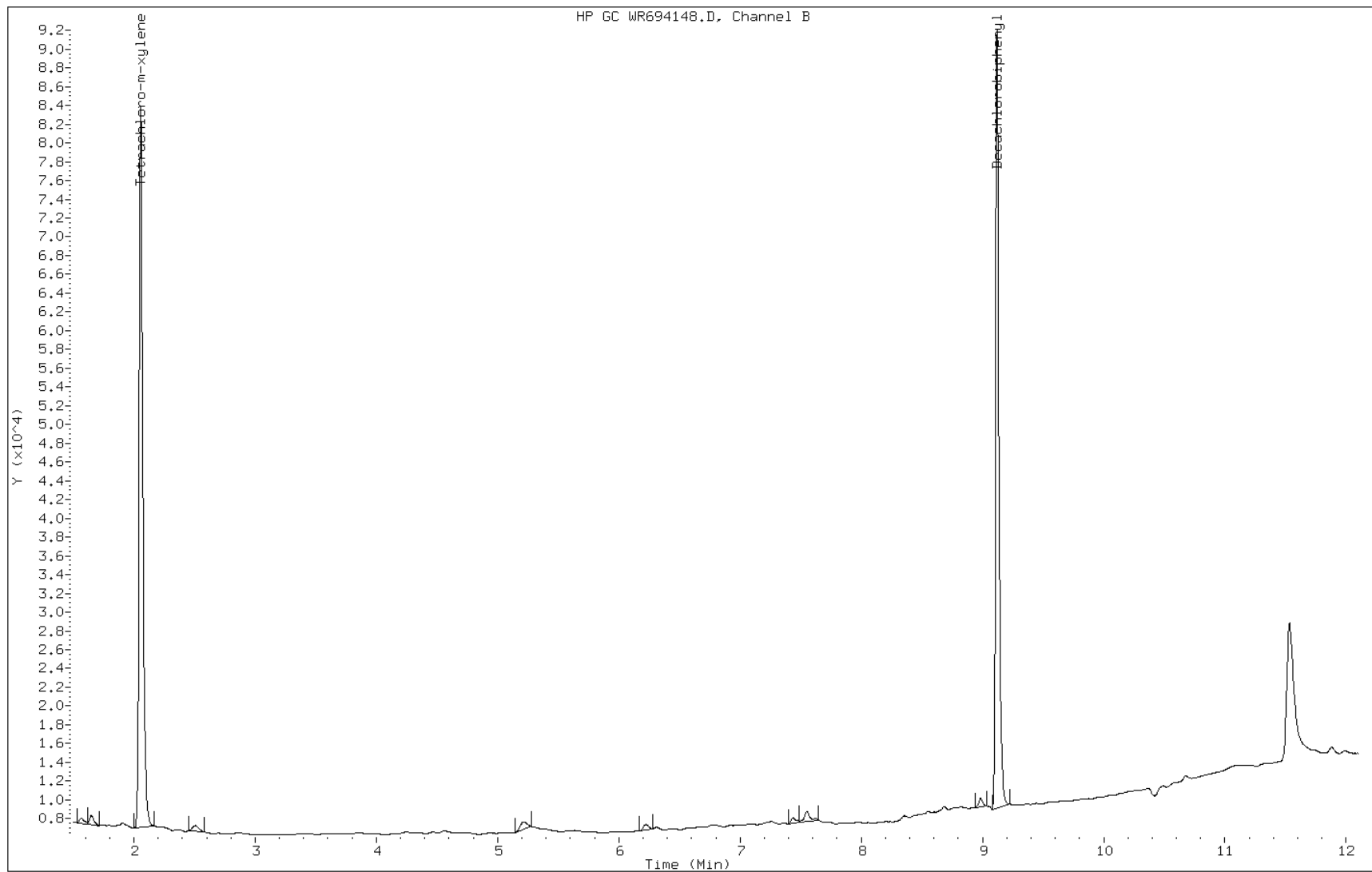
Date: 11-OCT-2011 17:04

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-88837/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-89205/2

Matrix: Solid Lab File ID: WF694102.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 10/11/2011 06:05

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

Data File: WF694102.D
Report Date: 12-Oct-2011 08:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694102.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 11-OCT-2011 06:05
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 11-Oct-2011 13:25 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.580	2.580	0.000	77703	22.1556	15	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.077	10.077	0.000	52796	25.3960	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF694102.D

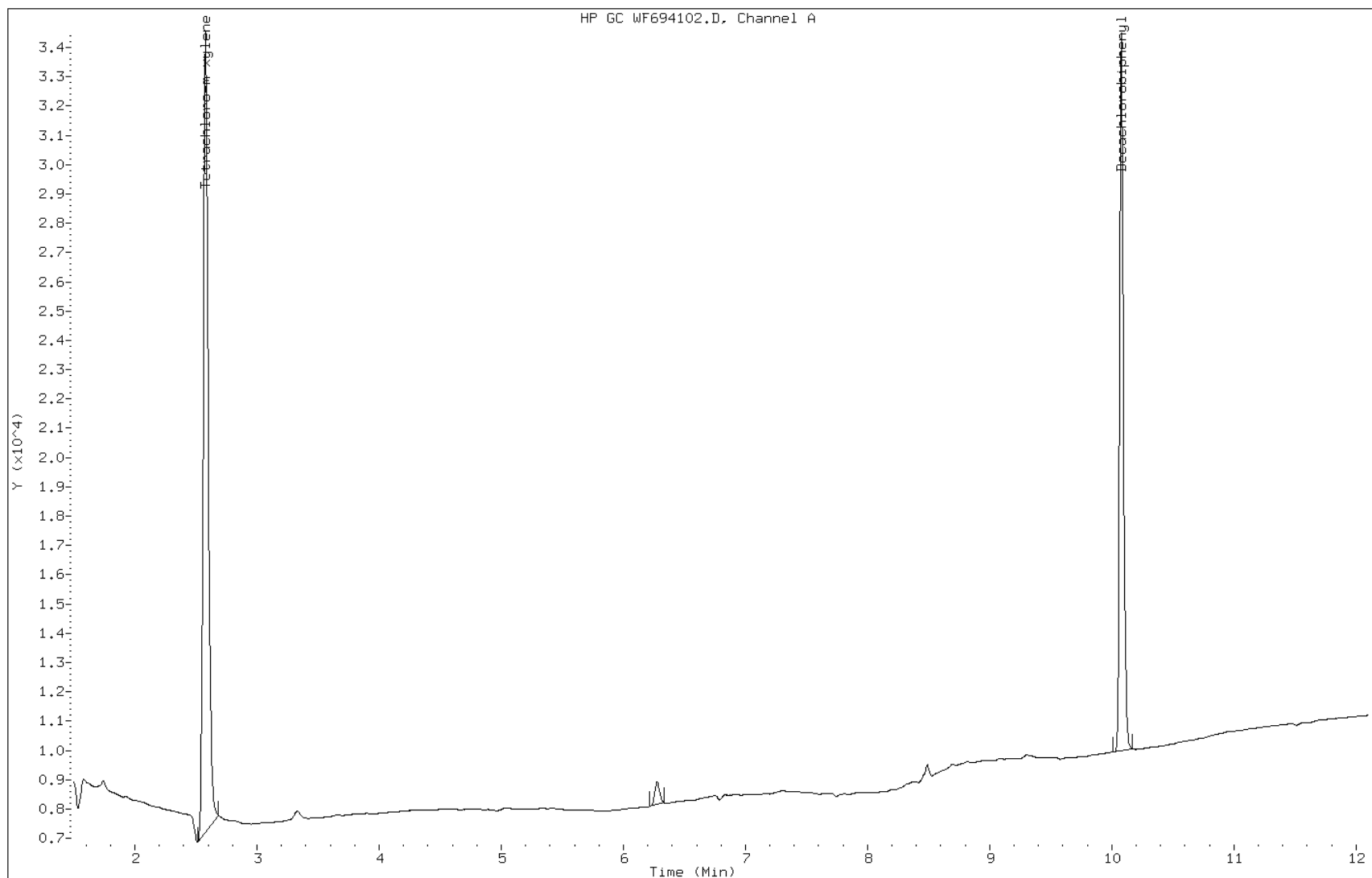
Date: 11-OCT-2011 06:05

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-89205/2

Matrix: Solid Lab File ID: WR694102.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 10/11/2011 06:05

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150
877-09-8	Tetrachloro-m-xylene	109		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694102.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 11-OCT-2011 06:05
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 11-Oct-2011 13:23 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.060	2.057	0.003	65107 21.7996	14	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	55176 24.1445	16	80.00- 120.00	100.00(R)			

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR694102.D

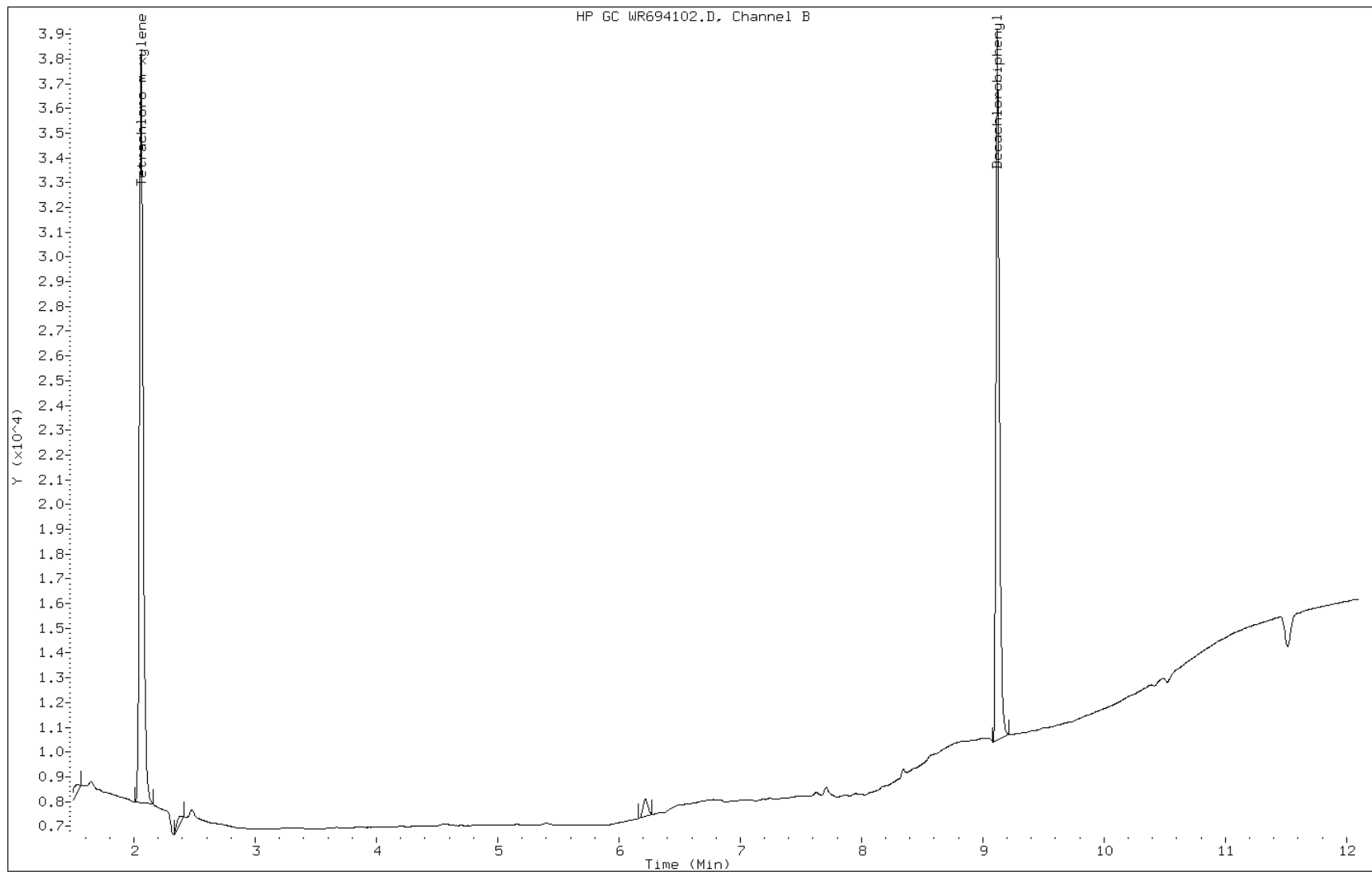
Date: 11-OCT-2011 06:05

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-89205/26

Matrix: Solid Lab File ID: WF694126.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 10/11/2011 11:57

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.420		0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150
877-09-8	Tetrachloro-m-xylene	112		40-150

Data File: WF694126.D
 Report Date: 12-Oct-2011 11:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694126.D
 Lab Smp Id: PIBLK_00008
 Inj Date : 11-OCT-2011 11:57
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGPIBLK_00008
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
 Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
 Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: Allpest.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8								
2.580	2.580	0.000	78448	22.3683		80.00- 120.00	100.00(aR)	

1 Aldrin CAS #: 309-00-2								
6.287	6.260	0.027	1604	0.41980		80.00- 120.00	100.00(a)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3								
10.080	10.077	0.003	47687	22.9386		80.00- 120.00	100.00(aR)	

Data File: WF694126.D
Report Date: 12-Oct-2011 11:23

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: WF694126.D

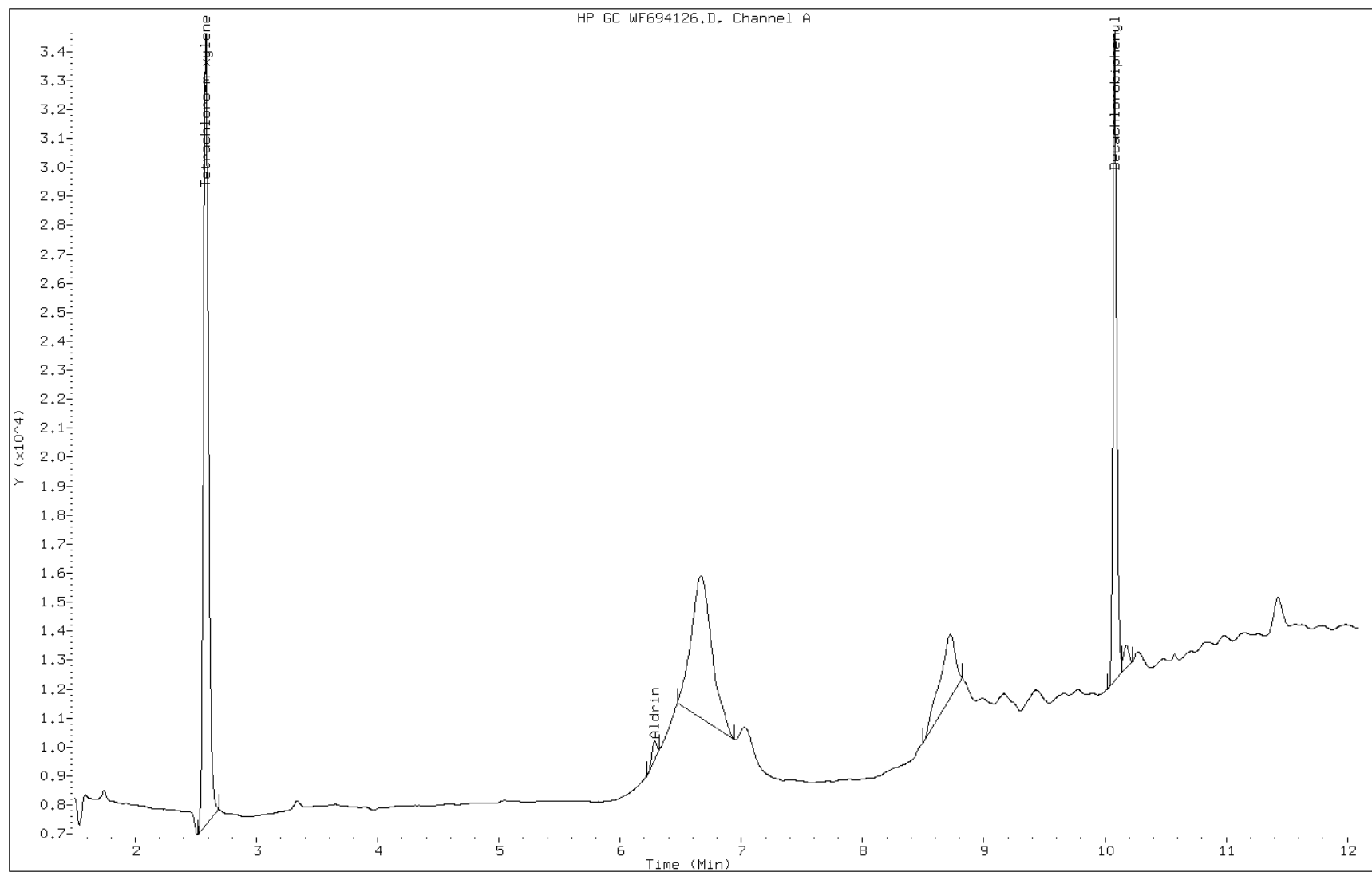
Date: 11-OCT-2011 11:57

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89205/26
 Matrix: Solid Lab File ID: WR694126.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/11/2011 11:57
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89205 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		53-150
877-09-8	Tetrachloro-m-xylene	112		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694126.D
Lab Smp Id: PIBLK_00008
Inj Date : 11-OCT-2011 11:57
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.057	2.057	0.000	66814	22.3715	15	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.120	9.120	0.000	53563	23.4387	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR694126.D

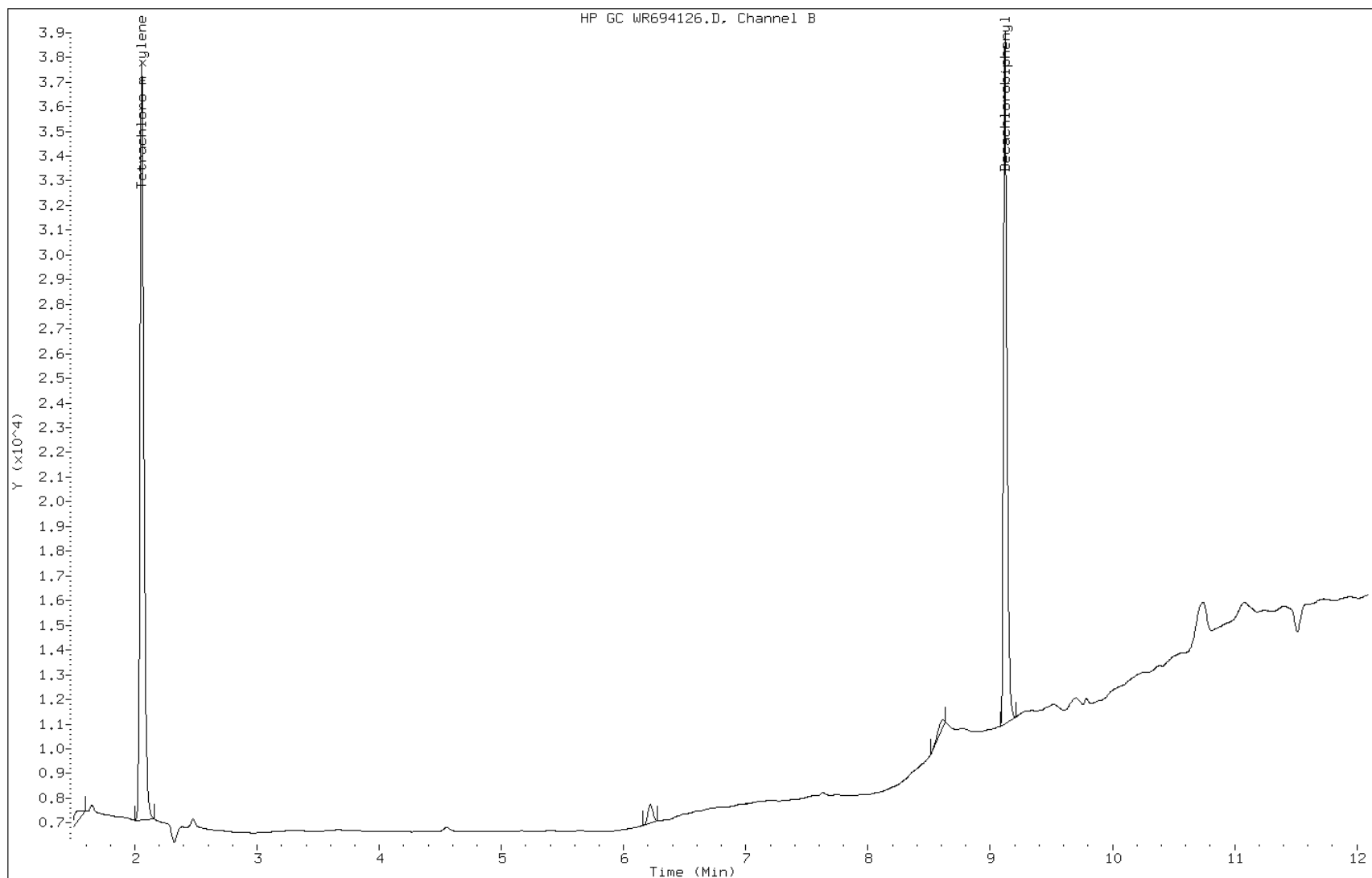
Date: 11-OCT-2011 11:57

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88837/2-A
 Matrix: Solid Lab File ID: WF694106.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 07:18
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	126		6.7	1.2
319-85-7	beta-BHC	119		6.7	0.91
319-86-8	delta-BHC	129		6.7	1.0
58-89-9	gamma-BHC (Lindane)	126		6.7	0.78
76-44-8	Heptachlor	128		6.7	0.96
309-00-2	Aldrin	124		6.7	1.5
1024-57-3	Heptachlor epoxide	123		6.7	1.4
959-98-8	Endosulfan I	125		6.7	1.4
60-57-1	Dieldrin	129		6.7	1.3
72-55-9	4,4'-DDE	129		6.7	1.3
72-20-8	Endrin	144		6.7	0.94
33213-65-9	Endosulfan II	129		6.7	1.0
72-54-8	4,4'-DDD	131		6.7	0.80
1031-07-8	Endosulfan sulfate	131		6.7	0.86
50-29-3	4,4'-DDT	137		6.7	0.84
72-43-5	Methoxychlor	146		6.7	0.75
53494-70-5	Endrin ketone	132		6.7	0.99
7421-93-4	Endrin aldehyde	119		6.7	1.7
5103-71-9	alpha-Chlordane	121		6.7	1.4
5103-74-2	gamma-Chlordane	123		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150
877-09-8	Tetrachloro-m-xylene	96		40-150

Data File: WF694106.D
Report Date: 12-Oct-2011 11:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694106.D
Lab Smp Id: LCS 460-88837/2-
Inj Date : 11-OCT-2011 07:18
Operator :
Smp Info : LCS 460-88837/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie
Cal Date : 03-OCT-2011 07:55
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693768.D
QC Sample: BS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene								
2.577	2.580	-0.003	168667	48.0923	32	80.00-	120.00	100.00

2 alpha-BHC								
3.843	3.853	-0.010	879848	189.508	130	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
4.613	4.620	-0.007	815122	189.285	130	80.00-	120.00	100.00

3 beta-BHC								
4.773	4.783	-0.010	367032	178.379	120	80.00-	120.00	100.00

4 delta-BHC								
5.423	5.427	-0.004	797115	194.013	130	80.00-	120.00	100.00

Data File: WF694106.D
Report Date: 12-Oct-2011 11:02

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
5.597	5.600	-0.003			713306	192.490	130	80.00- 120.00	100.00
1	Aldrin						CAS #: 309-00-2		
6.257	6.260	-0.003			713901	186.750	120	80.00- 120.00	100.00
18	Heptachlor epoxide						CAS #: 1024-57-3		
6.907	6.910	-0.003			601389	185.020	120	80.00- 120.00	100.00
65	gamma-Chlordane						CAS #: 5103-74-2		
7.103	7.107	-0.004			633168	184.496	120	80.00- 120.00	100.00
66	alpha-Chlordane						CAS #: 5103-71-9		
7.257	7.260	-0.003			583524	181.503	120	80.00- 120.00	100.00
11	Endosulfan I						CAS #: 959-98-8		
7.330	7.333	-0.003			573508	186.774	120	80.00- 120.00	100.00
8	4,4'-DDE						CAS #: 72-55-9		
7.403	7.407	-0.004			607127	193.032	130	80.00- 120.00	100.00
10	Dieldrin						CAS #: 60-57-1		
7.623	7.627	-0.004			623862	193.860	130	80.00- 120.00	100.00
14	Endrin						CAS #: 72-20-8		
7.967	7.970	-0.003			520982	215.947	140	80.00- 120.00	100.00
7	4,4'-DDD						CAS #: 72-54-8		
8.040	8.043	-0.003			496801	196.421	130	80.00- 120.00	100.00
12	Endosulfan II						CAS #: 33213-65-9		
8.193	8.193	0.000			524292	193.121	130	80.00- 120.00	100.00
9	4,4'-DDT						CAS #: 50-29-3		
8.363	8.363	0.000			442915	206.007	140	80.00- 120.00	100.00
15	Endrin aldehyde						CAS #: 7421-93-4		
8.490	8.490	0.000			363210	178.075	120	80.00- 120.00	100.00
13	Endosulfan sulfate						CAS #: 1031-07-8		
8.693	8.693	0.000			421800	196.395	130	80.00- 120.00	100.00
19	Methoxychlor						CAS #: 72-43-5		
8.857	8.860	-0.003			220730	218.656	140	80.00- 120.00	100.00
16	Endrin ketone						CAS #: 53494-70-5		
9.077	9.080	-0.003			486583	198.496	130	80.00- 120.00	100.00

Data File: WF694106.D
 Report Date: 12-Oct-2011 11:02

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
10.077	10.077	0.000	131323	63.1691	42	80.00- 120.00	100.00

Data File: WF694106.D

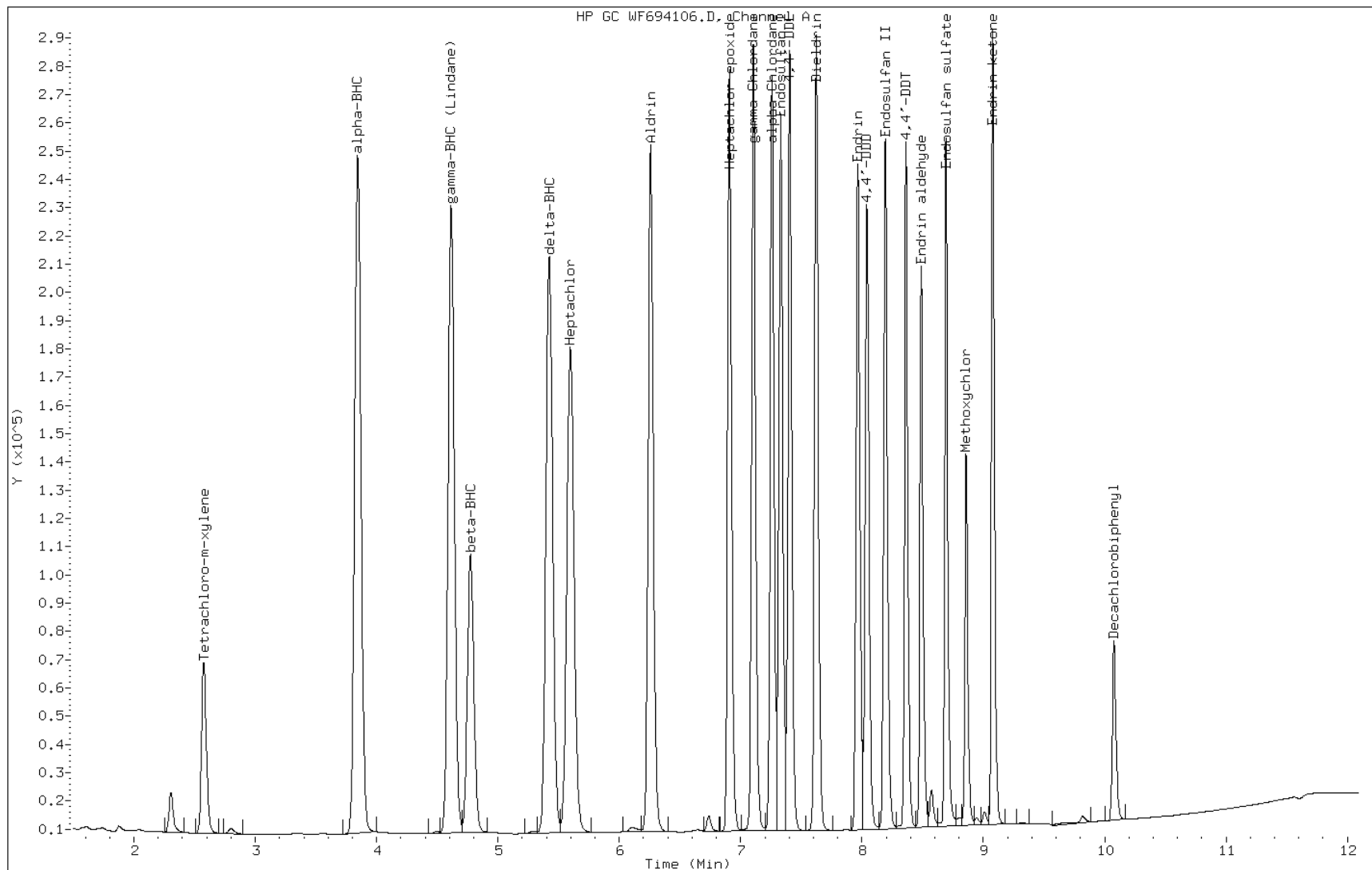
Date: 11-OCT-2011 07:18

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-88837/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88837/2-A
 Matrix: Solid Lab File ID: WR694106.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 03:53
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 07:18
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	127		6.7	1.2
319-85-7	beta-BHC	123		6.7	0.91
319-86-8	delta-BHC	131		6.7	1.0
58-89-9	gamma-BHC (Lindane)	129		6.7	0.78
76-44-8	Heptachlor	119		6.7	0.96
309-00-2	Aldrin	127		6.7	1.5
1024-57-3	Heptachlor epoxide	126		6.7	1.4
959-98-8	Endosulfan I	126		6.7	1.4
60-57-1	Dieldrin	128		6.7	1.3
72-55-9	4,4'-DDE	129		6.7	1.3
72-20-8	Endrin	135		6.7	0.94
33213-65-9	Endosulfan II	124		6.7	1.0
72-54-8	4,4'-DDD	128		6.7	0.80
1031-07-8	Endosulfan sulfate	124		6.7	0.86
50-29-3	4,4'-DDT	126		6.7	0.84
72-43-5	Methoxychlor	121		6.7	0.75
53494-70-5	Endrin ketone	124		6.7	0.99
7421-93-4	Endrin aldehyde	115		6.7	1.7
5103-71-9	alpha-Chlordane	122		6.7	1.4
5103-74-2	gamma-Chlordane	122		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694106.D
Lab Smp Id: LCS 460-88837/2-
Inj Date : 11-OCT-2011 07:18
Operator :
Smp Info : LCS 460-88837/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

				CONCENTRATIONS					
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	ON-COL	FINAL	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene						CAS #:	877-09-8	
2.057	2.057	0.000		151114	50.5972		34	80.00- 120.00	100.00

2	alpha-BHC						CAS #:	319-84-6	
2.710	2.713	-0.003		781382	190.510		130	80.00- 120.00	100.00

5	gamma-BHC (Lindane)						CAS #:	58-89-9	
3.333	3.333	0.000		748612	193.979		130	80.00- 120.00	100.00

3	beta-BHC						CAS #:	319-85-7	
3.500	3.503	-0.003		341692	184.183		120	80.00- 120.00	100.00

4	delta-BHC						CAS #:	319-86-8	
3.847	3.857	-0.010		725944	196.683		130	80.00- 120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor					CAS #: 76-44-8		
4.257	4.263	-0.006	678473	179.186	120	80.00- 120.00	100.00	
1	Aldrin					CAS #: 309-00-2		
4.853	4.850	0.003	691377	190.557	130	80.00- 120.00	100.00	
18	Heptachlor epoxide					CAS #: 1024-57-3		
6.073	6.077	-0.004	648089	188.272	120	80.00- 120.00	100.00	
65	gamma-Chlordane					CAS #: 5103-74-2		
6.260	6.260	0.000	628113	182.417	120	80.00- 120.00	100.00	
66	alpha-Chlordane					CAS #: 5103-71-9		
6.427	6.427	0.000	568960	182.854	120	80.00- 120.00	100.00	
8	4,4'-DDE					CAS #: 72-55-9		
6.503	6.503	0.000	589471	193.056	130	80.00- 120.00	100.00	
11	Endosulfan I					CAS #: 959-98-8		
6.580	6.583	-0.003	562321	189.365	130	80.00- 120.00	100.00	
10	Dieldrin					CAS #: 60-57-1		
6.820	6.820	0.000	595393	191.750	130	80.00- 120.00	100.00	
14	Endrin					CAS #: 72-20-8		
7.053	7.053	0.000	486018	202.108	130	80.00- 120.00	100.00	
7	4,4'-DDD					CAS #: 72-54-8		
7.097	7.100	-0.003	525520	191.454	130	80.00- 120.00	100.00	
12	Endosulfan II					CAS #: 33213-65-9		
7.273	7.277	-0.004	513280	185.622	120	80.00- 120.00	100.00	
9	4,4'-DDT					CAS #: 50-29-3		
7.380	7.380	0.000	507270	189.374	130	80.00- 120.00	100.00	
15	Endrin aldehyde					CAS #: 7421-93-4		
7.707	7.707	0.000	399860	171.762	110	80.00- 120.00	100.00	
19	Methoxychlor					CAS #: 72-43-5		
7.873	7.873	0.000	259880	181.651	120	80.00- 120.00	100.00	
13	Endosulfan sulfate					CAS #: 1031-07-8		
8.170	8.173	-0.003	453625	185.396	120	80.00- 120.00	100.00	
16	Endrin ketone					CAS #: 53494-70-5		
8.423	8.427	-0.004	497995	186.234	120	80.00- 120.00	100.00	

Data File: WR694106.D
Report Date: 12-Oct-2011 11:02

Page 3

		CONCENTRATIONS							
		ON-COL		FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.120	9.120	0.000	143663	62.8656	42	80.00-	120.00	100.00	

Data File: WR694106.D

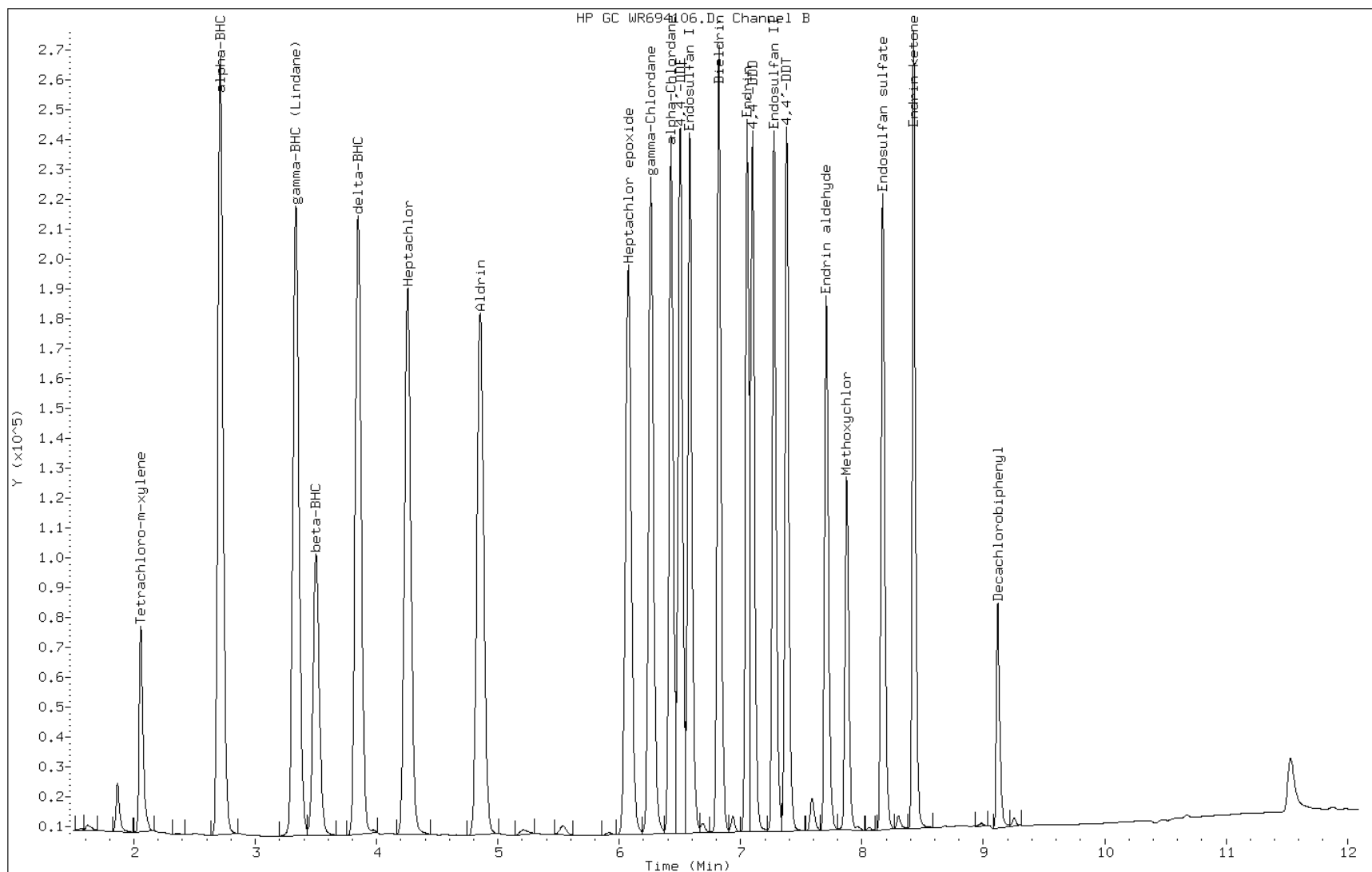
Date: 11-OCT-2011 07:18

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-88837/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32125-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100511-MM-147 MS</u>	Lab Sample ID: <u>460-32125-8 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WF694107.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/05/2011 14:00</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/10/2011 03:53</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/11/2011 07:32</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89205</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	95.8		6.7	1.2
319-85-7	beta-BHC	89.0		6.7	0.91
319-86-8	delta-BHC	96.5		6.7	1.0
58-89-9	gamma-BHC (Lindane)	95.6		6.7	0.78
76-44-8	Heptachlor	95.7		6.7	0.96
309-00-2	Aldrin	92.1		6.7	1.5
1024-57-3	Heptachlor epoxide	93.0		6.7	1.4
959-98-8	Endosulfan I	94.1		6.7	1.4
60-57-1	Dieldrin	97.5		6.7	1.3
72-55-9	4,4'-DDE	96.5		6.7	1.3
72-20-8	Endrin	108		6.7	0.94
33213-65-9	Endosulfan II	97.5		6.7	1.0
72-54-8	4,4'-DDD	97.7		6.7	0.80
1031-07-8	Endosulfan sulfate	106		6.7	0.86
50-29-3	4,4'-DDT	102		6.7	0.84
72-43-5	Methoxychlor	123		6.7	0.75
53494-70-5	Endrin ketone	100		6.7	0.99
7421-93-4	Endrin aldehyde	88.6		6.7	1.7
5103-71-9	alpha-Chlordane	92.2		6.7	1.4
5103-74-2	gamma-Chlordane	93.4		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		53-150
877-09-8	Tetrachloro-m-xylene	68		40-150

Data File: WF694107.D
Report Date: 12-Oct-2011 11:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694107.D
Lab Smp Id: 460-32125-D-8-H
Inj Date : 11-OCT-2011 07:32
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-H
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28	Tetrachloro-m-xylene				CAS #:	877-09-8		
2.580	2.580	0.000	118556	33.8041	22	80.00-	120.00	100.00

2	alpha-BHC				CAS #:	319-84-6		
3.853	3.853	0.000	667139	143.693	96	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:	58-89-9		
4.620	4.620	0.000	617471	143.387	96	80.00-	120.00	100.00

3	beta-BHC				CAS #:	319-85-7		
4.780	4.783	-0.003	274838	133.573	89	80.00-	120.00	100.00

4	delta-BHC				CAS #:	319-86-8		
5.427	5.427	0.000	594843	144.781	96	80.00-	120.00	100.00

Data File: WF694107.D
Report Date: 12-Oct-2011 11:03

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO
			ON-COL	FINAL		
==	=====	=====	RESPONSE (ug/L)	(ug/kg)	=====	=====
17 Heptachlor					CAS #: 76-44-8	
5.600	5.600	0.000	531748 143.496	96	80.00- 120.00	100.00

1 Aldrin					CAS #: 309-00-2	
6.260	6.260	0.000	528029 138.127	92	80.00- 120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3	
6.907	6.910	-0.003	453631 139.561	93	80.00- 120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2	
7.107	7.107	0.000	480817 140.103	93	80.00- 120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9	
7.260	7.260	0.000	444668 138.312	92	80.00- 120.00	100.00

11 Endosulfan I					CAS #: 959-98-8	
7.333	7.333	0.000	433638 141.223	94	80.00- 120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9	
7.407	7.407	0.000	455408 144.794	96	80.00- 120.00	100.00

10 Dieldrin					CAS #: 60-57-1	
7.627	7.627	0.000	470521 146.210	97	80.00- 120.00	100.00

14 Endrin					CAS #: 72-20-8	
7.967	7.970	-0.003	391329 162.206	110	80.00- 120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8	
8.043	8.043	0.000	370524 146.495	98	80.00- 120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9	
8.193	8.193	0.000	397016 146.239	97	80.00- 120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3	
8.363	8.363	0.000	329711 153.354	100	80.00- 120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4	
8.490	8.490	0.000	271038 132.885	88	80.00- 120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8	
8.693	8.693	0.000	339982 158.300	100	80.00- 120.00	100.00

19 Methoxychlor					CAS #: 72-43-5	
8.860	8.860	0.000	186401 184.650	120	80.00- 120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5	
9.080	9.080	0.000	368489 150.321	100	80.00- 120.00	100.00

Data File: WF694107.D
 Report Date: 12-Oct-2011 11:03

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.080	10.077	0.003	89143	42.8796	28	80.00-	120.00	100.00	

Data File: WF694107.D

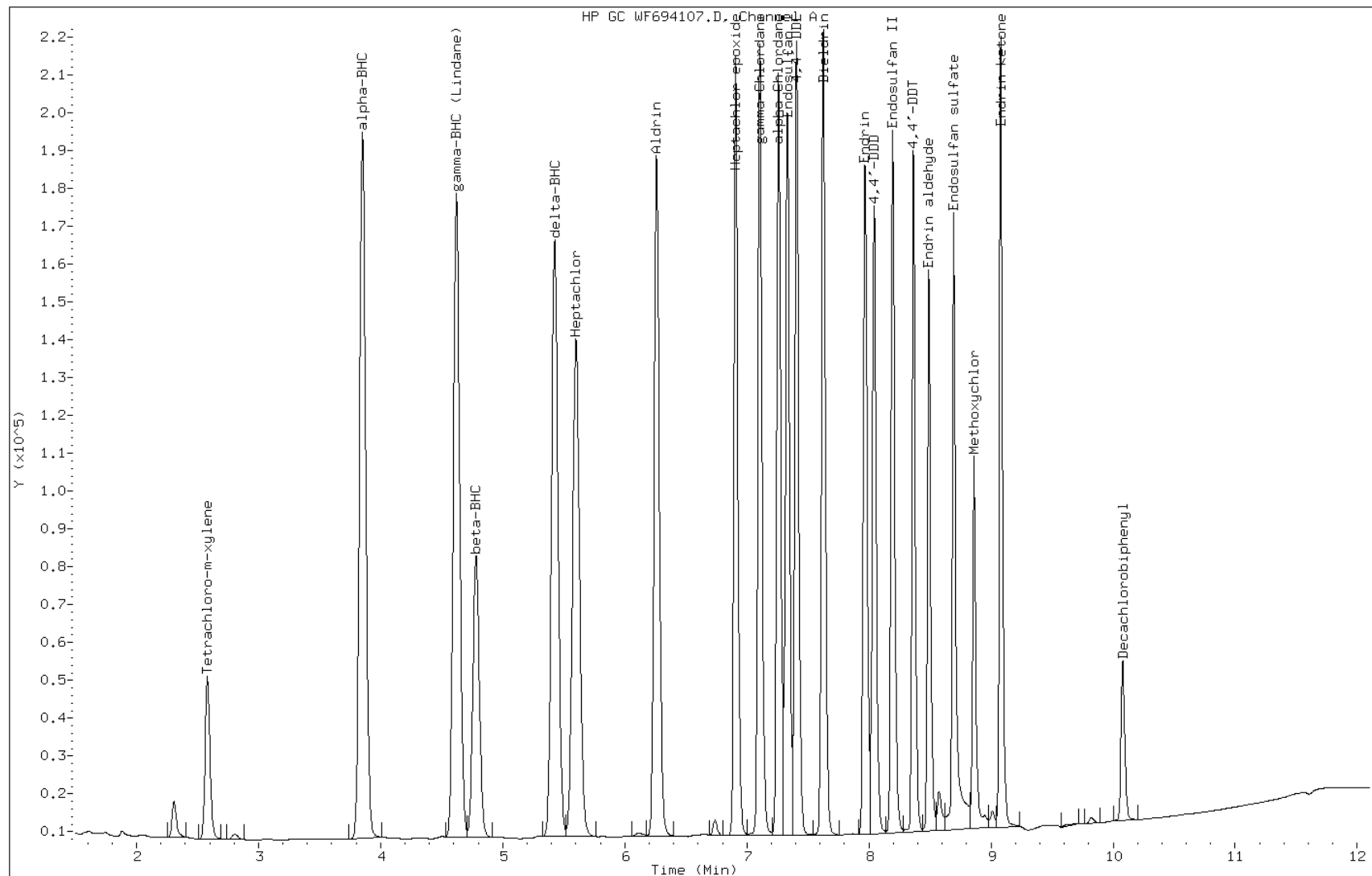
Date: 11-OCT-2011 07:32

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-H

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS

Matrix: Solid Lab File ID: WR694107.D

Analysis Method: 8081A Date Collected: 10/05/2011 14:00

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 07:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	94.9		6.7	1.2
319-85-7	beta-BHC	87.9		6.7	0.91
319-86-8	delta-BHC	97.0		6.7	1.0
58-89-9	gamma-BHC (Lindane)	95.1		6.7	0.78
76-44-8	Heptachlor	89.5		6.7	0.96
309-00-2	Aldrin	94.7		6.7	1.5
1024-57-3	Heptachlor epoxide	93.2		6.7	1.4
959-98-8	Endosulfan I	93.0		6.7	1.4
60-57-1	Dieldrin	94.2		6.7	1.3
72-55-9	4,4'-DDE	94.6		6.7	1.3
72-20-8	Endrin	99.8		6.7	0.94
33213-65-9	Endosulfan II	91.6		6.7	1.0
72-54-8	4,4'-DDD	92.8		6.7	0.80
1031-07-8	Endosulfan sulfate	91.0		6.7	0.86
50-29-3	4,4'-DDT	92.0		6.7	0.84
72-43-5	Methoxychlor	86.9		6.7	0.75
53494-70-5	Endrin ketone	92.6		6.7	0.99
7421-93-4	Endrin aldehyde	84.4		6.7	1.7
5103-71-9	alpha-Chlordane	89.9		6.7	1.4
5103-74-2	gamma-Chlordane	90.1		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		53-150
877-09-8	Tetrachloro-m-xylene	71		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694107.D
Lab Smp Id: 460-32125-D-8-H
Inj Date : 11-OCT-2011 07:32
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-H
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 28	Tetrachloro-m-xylene				CAS #:		877-09-8		
2.060	2.057	0.003		105438	35.3036	24	80.00-	120.00	100.00

2	alpha-BHC				CAS #:		319-84-6		
2.717	2.713	0.004		583832	142.345	95	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:		58-89-9		
3.333	3.333	0.000		550330	142.601	95	80.00-	120.00	100.00

3	beta-BHC				CAS #:		319-85-7		
3.507	3.503	0.004		244592	131.843	88	80.00-	120.00	100.00

4	delta-BHC				CAS #:		319-86-8		
3.857	3.857	0.000		537082	145.514	97	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.263	4.263	0.000	508047	134.177	89	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.853	4.850	0.003	515492	142.079	95	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.077	6.077	0.000	481377	139.842	93	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.260	6.260	0.000	465421	135.168	90	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.427	6.427	0.000	419412	134.792	90	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.500	6.503	-0.003	433107	141.846	94	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.583	6.583	0.000	414454	139.570	93	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.817	6.820	-0.003	438544	141.236	94	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.053	7.053	0.000	359840	149.637	100	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.100	7.100	0.000	381939	139.145	93	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.277	7.277	0.000	379751	137.333	92	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.380	7.380	0.000	369817	138.060	92	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.707	7.707	0.000	294738	126.606	84	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.873	7.873	0.000	186590	130.423	87	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.170	8.173	-0.003	334066	136.533	91	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.427	8.427	0.000	371403	138.893	92	80.00-	120.00	100.00

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.120	9.120	0.000	96625	42.2822	28	80.00- 120.00	100.00

Data File: WR694107.D

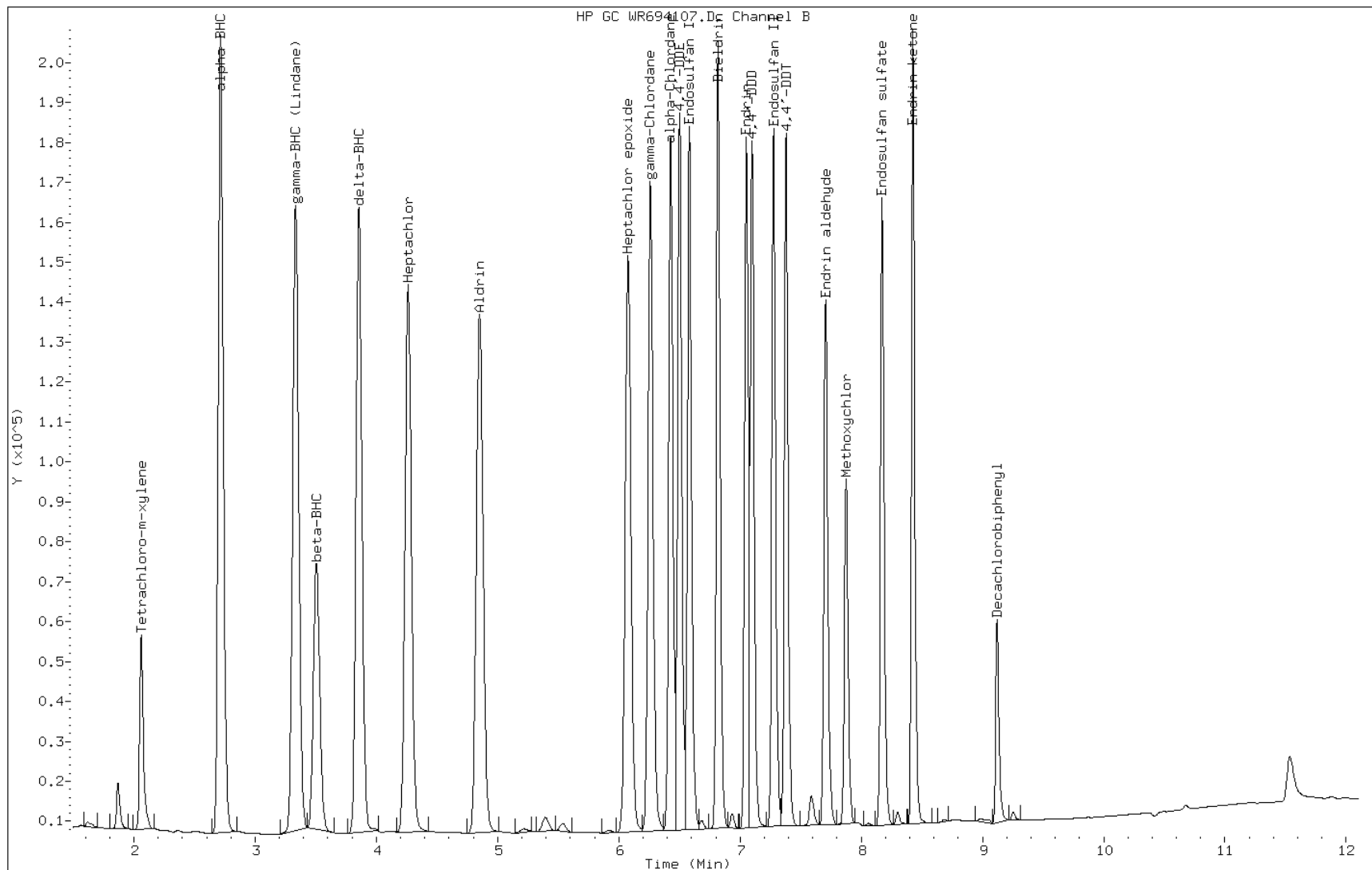
Date: 11-OCT-2011 07:32

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-H

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD

Matrix: Solid Lab File ID: WF694108.D

Analysis Method: 8081A Date Collected: 10/05/2011 14:00

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 07:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	92.6		6.7	1.2
319-85-7	beta-BHC	86.7		6.7	0.91
319-86-8	delta-BHC	92.4		6.7	1.0
58-89-9	gamma-BHC (Lindane)	92.4		6.7	0.78
76-44-8	Heptachlor	93.0		6.7	0.96
309-00-2	Aldrin	89.3		6.7	1.5
1024-57-3	Heptachlor epoxide	90.5		6.7	1.3
959-98-8	Endosulfan I	91.6		6.7	1.4
60-57-1	Dieldrin	94.6		6.7	1.3
72-55-9	4,4'-DDE	94.6		6.7	1.3
72-20-8	Endrin	104		6.7	0.94
33213-65-9	Endosulfan II	93.8		6.7	1.0
72-54-8	4,4'-DDD	95.2		6.7	0.80
1031-07-8	Endosulfan sulfate	98.5		6.7	0.86
50-29-3	4,4'-DDT	99.4		6.7	0.84
72-43-5	Methoxychlor	116		6.7	0.75
53494-70-5	Endrin ketone	95.6		6.7	0.99
7421-93-4	Endrin aldehyde	82.5		6.7	1.7
5103-71-9	alpha-Chlordane	89.3		6.7	1.4
5103-74-2	gamma-Chlordane	90.8		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		53-150
877-09-8	Tetrachloro-m-xylene	65		40-150

Data File: WF694108.D
Report Date: 12-Oct-2011 11:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/WF694108.D
Lab Smp Id: 460-32125-D-8-I
Inj Date : 11-OCT-2011 07:46
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-I
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Oct11/10-11-11/11oct11a.b/08Wf8081.m
Meth Date : 12-Oct-2011 08:07 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WF693768.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.580	2.580	0.000	114854	32.7485	22	80.00-	120.00	100.00

2 alpha-BHC								
3.850	3.853	-0.003	647162	139.390	93	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
4.617	4.620	-0.003	598959	139.088	93	80.00-	120.00	100.00

3 beta-BHC								
4.780	4.783	-0.003	268428	130.457	87	80.00-	120.00	100.00

4 delta-BHC								
5.427	5.427	0.000	571247	139.038	93	80.00-	120.00	100.00

Data File: WF694108.D
Report Date: 12-Oct-2011 11:03

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
5.600	5.600	0.000			518427	139.901	93	80.00- 120.00	100.00
1	Aldrin						CAS #: 309-00-2		
6.260	6.260	0.000			514006	134.459	90	80.00- 120.00	100.00
18	Heptachlor epoxide						CAS #: 1024-57-3		
6.910	6.910	0.000			442678	136.192	91	80.00- 120.00	100.00
65	gamma-Chlordane						CAS #: 5103-74-2		
7.107	7.107	0.000			468803	136.602	91	80.00- 120.00	100.00
66	alpha-Chlordane						CAS #: 5103-71-9		
7.260	7.260	0.000			432284	134.460	90	80.00- 120.00	100.00
11	Endosulfan I						CAS #: 959-98-8		
7.333	7.333	0.000			423156	137.809	92	80.00- 120.00	100.00
8	4,4'-DDE						CAS #: 72-55-9		
7.407	7.407	0.000			447915	142.411	95	80.00- 120.00	100.00
10	Dieldrin						CAS #: 60-57-1		
7.627	7.627	0.000			458179	142.375	95	80.00- 120.00	100.00
14	Endrin						CAS #: 72-20-8		
7.967	7.970	-0.003			379394	157.258	100	80.00- 120.00	100.00
7	4,4'-DDD						CAS #: 72-54-8		
8.043	8.043	0.000			362201	143.204	95	80.00- 120.00	100.00
12	Endosulfan II						CAS #: 33213-65-9		
8.193	8.193	0.000			383114	141.119	94	80.00- 120.00	100.00
9	4,4'-DDT						CAS #: 50-29-3		
8.363	8.363	0.000			321629	149.595	100	80.00- 120.00	100.00
15	Endrin aldehyde						CAS #: 7421-93-4		
8.490	8.490	0.000			253231	124.154	83	80.00- 120.00	100.00
13	Endosulfan sulfate						CAS #: 1031-07-8		
8.693	8.693	0.000			318464	148.281	99	80.00- 120.00	100.00
19	Methoxychlor						CAS #: 72-43-5		
8.860	8.860	0.000			175480	173.831	120	80.00- 120.00	100.00
16	Endrin ketone						CAS #: 53494-70-5		
9.080	9.080	0.000			352592	143.836	96	80.00- 120.00	100.00

Data File: WF694108.D
 Report Date: 12-Oct-2011 11:03

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.080	10.077	0.003	86994	41.8459	28	80.00-	120.00	100.00	

Data File: WF694108.D

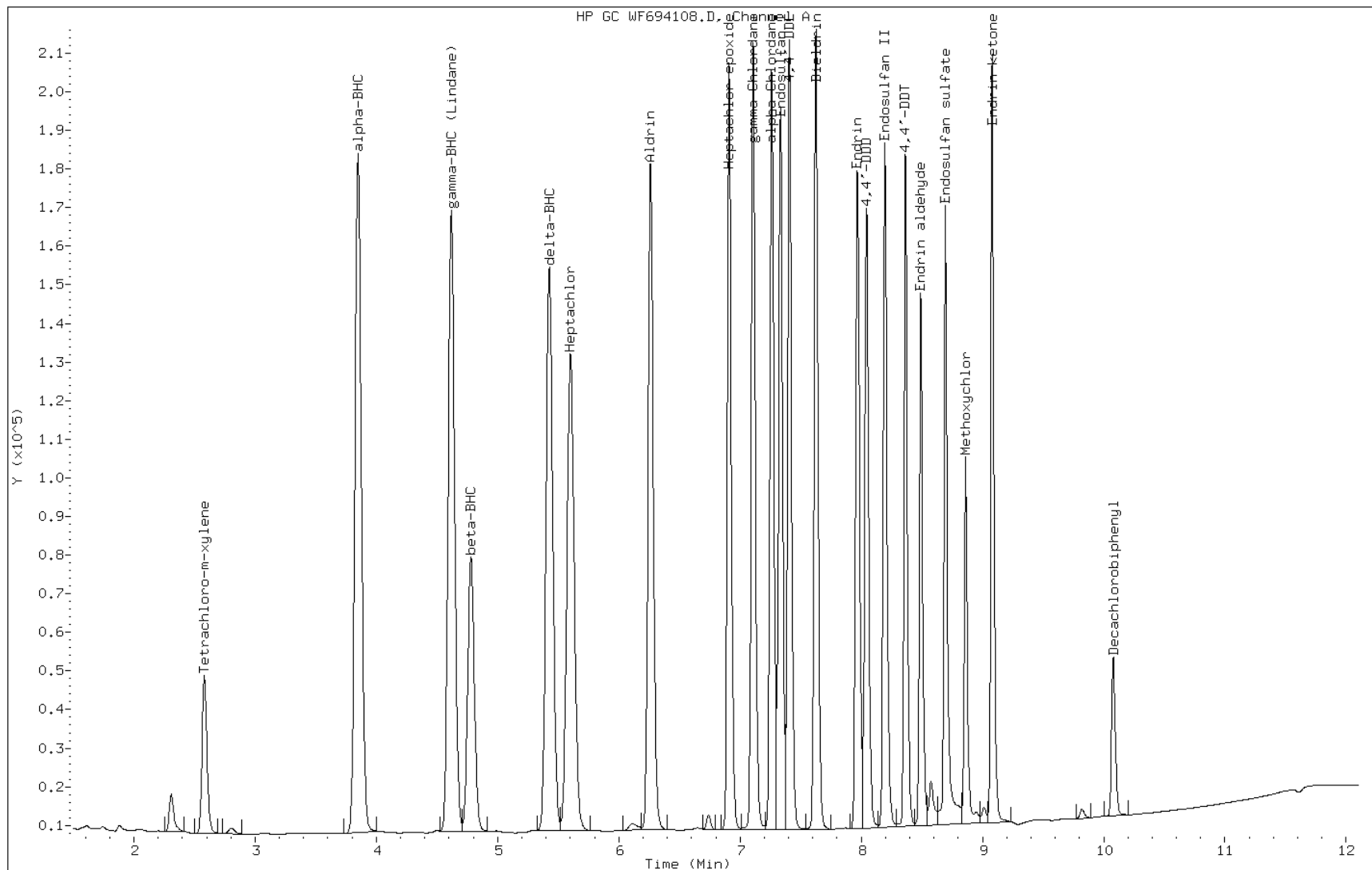
Date: 11-OCT-2011 07:46

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-I

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD

Matrix: Solid Lab File ID: WR694108.D

Analysis Method: 8081A Date Collected: 10/05/2011 14:00

Extraction Method: 3541 Date Extracted: 10/10/2011 03:53

Sample wt/vol: 15.05(g) Date Analyzed: 10/11/2011 07:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89205 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	91.7		6.7	1.2
319-85-7	beta-BHC	88.7		6.7	0.91
319-86-8	delta-BHC	91.7		6.7	1.0
58-89-9	gamma-BHC (Lindane)	93.4		6.7	0.78
76-44-8	Heptachlor	86.8		6.7	0.96
309-00-2	Aldrin	91.8		6.7	1.5
1024-57-3	Heptachlor epoxide	90.5		6.7	1.3
959-98-8	Endosulfan I	91.2		6.7	1.4
60-57-1	Dieldrin	92.0		6.7	1.3
72-55-9	4,4'-DDE	92.6		6.7	1.3
72-20-8	Endrin	93.6		6.7	0.94
33213-65-9	Endosulfan II	87.5		6.7	1.0
72-54-8	4,4'-DDD	93.5		6.7	0.80
1031-07-8	Endosulfan sulfate	87.7		6.7	0.86
50-29-3	4,4'-DDT	90.6		6.7	0.84
72-43-5	Methoxychlor	86.2		6.7	0.75
53494-70-5	Endrin ketone	88.2		6.7	0.99
7421-93-4	Endrin aldehyde	79.7		6.7	1.7
5103-71-9	alpha-Chlordane	87.2		6.7	1.4
5103-74-2	gamma-Chlordane	87.7		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		53-150
877-09-8	Tetrachloro-m-xylene	69		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/WR694108.D
Lab Smp Id: 460-32125-D-8-I
Inj Date : 11-OCT-2011 07:46
Operator : Inst ID: PESTGC4.i
Smp Info : 460-32125-D-8-I
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b/08Wr8081.m
Meth Date : 12-Oct-2011 08:28 ferdie Quant Type: ESTD
Cal Date : 03-OCT-2011 07:55 Cal File: WR693768.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS					
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE		RATIO
==	=====	=====		=====	=====	=====	=====		=====
\$ 28	Tetrachloro-m-xylene					CAS #:	877-09-8		
2.057	2.057	0.000		103195	34.5526	23	80.00-	120.00	100.00

2	alpha-BHC					CAS #:	319-84-6		
2.713	2.713	0.000		566218	138.050	92	80.00-	120.00	100.00

5	gamma-BHC (Lindane)					CAS #:	58-89-9		
3.333	3.333	0.000		542749	140.636	94	80.00-	120.00	100.00

3	beta-BHC					CAS #:	319-85-7		
3.503	3.503	0.000		247729	133.534	89	80.00-	120.00	100.00

4	delta-BHC					CAS #:	319-86-8		
3.850	3.857	-0.007		509106	137.934	92	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.257	4.263	-0.006	494728	130.659	87	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.850	4.850	0.000	501019	138.090	92	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.073	6.077	-0.004	468855	136.204	91	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.260	6.260	0.000	454316	131.943	88	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.427	6.427	0.000	408206	131.190	87	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.503	6.503	0.000	425565	139.376	93	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.583	6.583	0.000	407524	137.236	91	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.820	6.820	0.000	429812	138.423	92	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.053	7.053	0.000	338932	140.943	94	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.100	7.100	0.000	386458	140.792	94	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.277	7.277	0.000	364255	131.729	88	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.380	7.380	0.000	365136	136.312	91	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.707	7.707	0.000	279223	119.942	80	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.873	7.873	0.000	185647	129.764	86	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.173	8.173	0.000	322944	131.987	88	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.427	8.427	0.000	355112	132.800	88	80.00-	120.00	100.00

Data File: WR694108.D
Report Date: 12-Oct-2011 11:03

Page 3

		CONCENTRATIONS							
		ON-COL		FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.120	9.120	0.000	95013	41.5768	28	80.00-	120.00	100.00	

Data File: WR694108.D

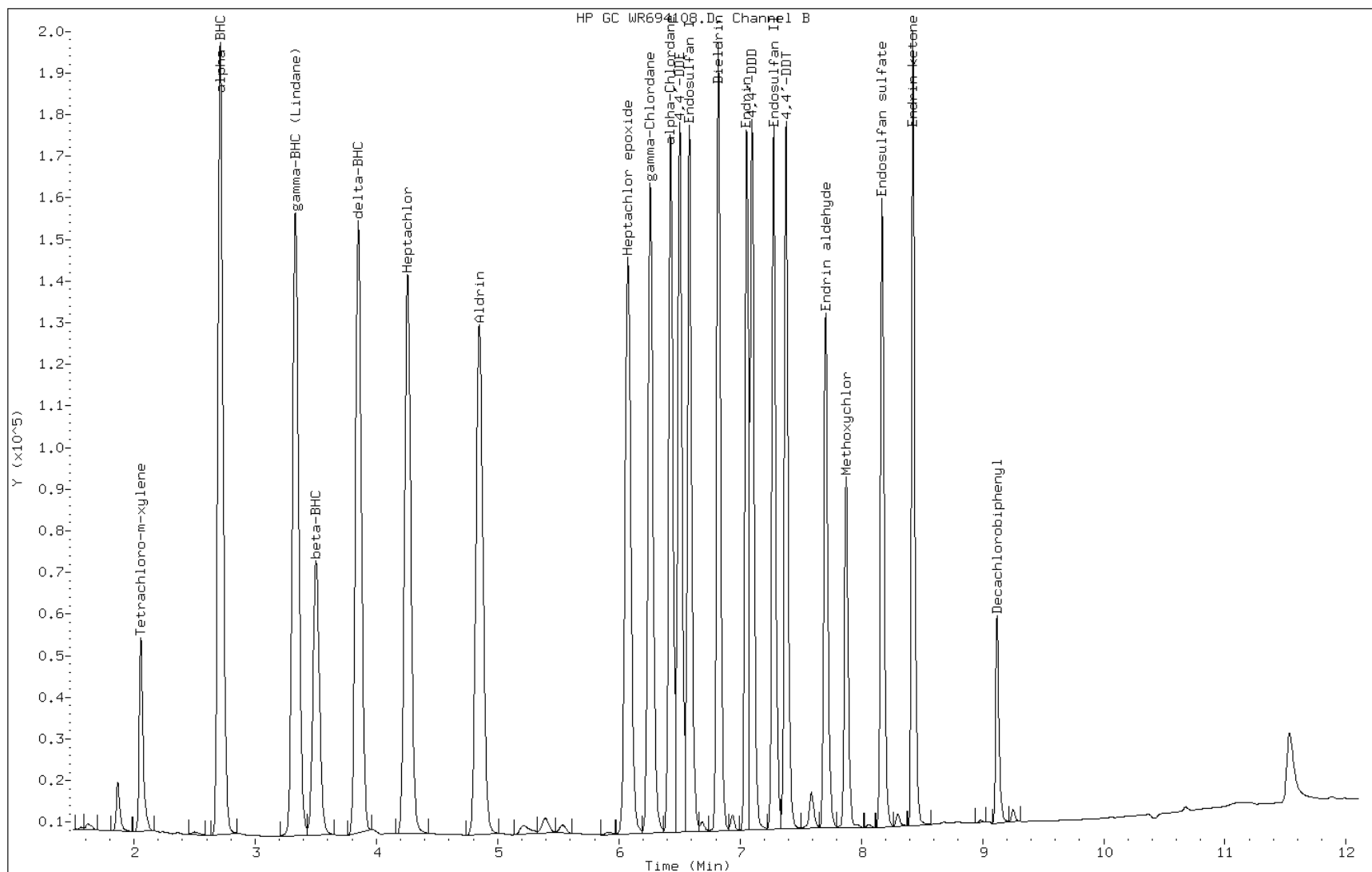
Date: 11-OCT-2011 07:46

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-32125-D-8-I

Operator:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 10/03/2011 05:35Analysis Batch Number: 88010 End Date: 10/03/2011 08:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-88010/1		10/03/2011 05:35	1		CLP-2 0.53 (mm)
RINSE 460-88010/1		10/03/2011 05:35	1		CLP-1 0.53 (mm)
PIBLK 460-88010/2		10/03/2011 05:50	1		CLP-2 0.53 (mm)
PIBLK 460-88010/2		10/03/2011 05:50	1		CLP-1 0.53 (mm)
RESC 460-88010/3		10/03/2011 06:04	1		CLP-2 0.53 (mm)
RESC 460-88010/3		10/03/2011 06:04	1		CLP-1 0.53 (mm)
PEM 460-88010/4		10/03/2011 06:18	1		CLP-2 0.53 (mm)
PEM 460-88010/4		10/03/2011 06:18	1		CLP-1 0.53 (mm)
IC 460-88010/5		10/03/2011 06:32	1	WF693762.D	CLP-2 0.53 (mm)
IC 460-88010/5		10/03/2011 06:32	1	WR693762.D	CLP-1 0.53 (mm)
IC 460-88010/6		10/03/2011 06:46	1	WF693763.D	CLP-2 0.53 (mm)
IC 460-88010/6		10/03/2011 06:46	1	WR693763.D	CLP-1 0.53 (mm)
IC 460-88010/7		10/03/2011 07:00	1	WF693764.D	CLP-2 0.53 (mm)
IC 460-88010/7		10/03/2011 07:00	1	WR693764.D	CLP-1 0.53 (mm)
IC 460-88010/8		10/03/2011 07:13	1	WF693765.D	CLP-2 0.53 (mm)
IC 460-88010/8		10/03/2011 07:13	1	WR693765.D	CLP-1 0.53 (mm)
IC 460-88010/9		10/03/2011 07:27	1	WF693766.D	CLP-2 0.53 (mm)
IC 460-88010/9		10/03/2011 07:27	1	WR693766.D	CLP-1 0.53 (mm)
IC 460-88010/10		10/03/2011 07:41	1		CLP-2 0.53 (mm)
IC 460-88010/10		10/03/2011 07:41	1		CLP-1 0.53 (mm)
IC 460-88010/11		10/03/2011 07:55	1	WF693768.D	CLP-2 0.53 (mm)
IC 460-88010/11		10/03/2011 07:55	1	WR693768.D	CLP-1 0.53 (mm)
ICV 460-88010/12		10/03/2011 08:09	1		CLP-2 0.53 (mm)
ICV 460-88010/12		10/03/2011 08:09	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC4Start Date: 10/11/2011 05:50Analysis Batch Number: 89205End Date: 10/11/2011 12:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-89205/1		10/11/2011 05:50	1		CLP-2 0.53 (mm)
RINSE 460-89205/1		10/11/2011 05:50	1		CLP-1 0.53 (mm)
PIBLK 460-89205/2		10/11/2011 06:05	1	WF694102.D	CLP-2 0.53 (mm)
PIBLK 460-89205/2		10/11/2011 06:05	1	WR694102.D	CLP-1 0.53 (mm)
RESC 460-89205/3		10/11/2011 06:18	1	WF694103.D	CLP-2 0.53 (mm)
RESC 460-89205/3		10/11/2011 06:18	1	WR694103.D	CLP-1 0.53 (mm)
PEM 460-89205/4		10/11/2011 06:32	1	WF694104.D	CLP-2 0.53 (mm)
PEM 460-89205/4		10/11/2011 06:32	1	WR694104.D	CLP-1 0.53 (mm)
CCVRT 460-89205/5		10/11/2011 06:46	1	WF694105.D	CLP-2 0.53 (mm)
CCVRT 460-89205/5		10/11/2011 06:46	1	WR694105.D	CLP-1 0.53 (mm)
LCS 460-88837/2-A		10/11/2011 07:18	1	WF694106.D	CLP-2 0.53 (mm)
LCS 460-88837/2-A		10/11/2011 07:18	1	WR694106.D	CLP-1 0.53 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/11/2011 07:32	1	WF694107.D	CLP-2 0.53 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/11/2011 07:32	1	WR694107.D	CLP-1 0.53 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/11/2011 07:46	1	WF694108.D	CLP-2 0.53 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/11/2011 07:46	1	WR694108.D	CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 08:00	1000		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 08:00	1000		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 08:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 08:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 08:28	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 08:28	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 08:42	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 08:42	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 08:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 08:56	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 09:10	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 09:10	1		CLP-1 0.53 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/11/2011 09:24	1	WF694115.D	CLP-2 0.53 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/11/2011 09:24	1	WR694115.D	CLP-1 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/11/2011 09:38	1	WF694116.D	CLP-2 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/11/2011 09:38	1	WR694116.D	CLP-1 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/11/2011 09:52	1	WF694117.D	CLP-2 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/11/2011 09:52	1	WR694117.D	CLP-1 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/11/2011 10:06	1	WF694118.D	CLP-2 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/11/2011 10:06	1	WR694118.D	CLP-1 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/11/2011 10:20	1	WF694119.D	CLP-2 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/11/2011 10:20	1	WR694119.D	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 10/11/2011 05:50Analysis Batch Number: 89205 End Date: 10/11/2011 12:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-32125-6	SO-17338-100511-MM-14 5	10/11/2011 10:34	1	WF694120.D	CLP-2 0.53 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/11/2011 10:34	1	WR694120.D	CLP-1 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/11/2011 10:48	1	WF694121.D	CLP-2 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/11/2011 10:48	1	WR694121.D	CLP-1 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/11/2011 11:01	1	WF694122.D	CLP-2 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/11/2011 11:01	1	WR694122.D	CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 11:15	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 11:15	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 11:29	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 11:29	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 11:43	2		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 11:43	2		CLP-1 0.53 (mm)
PIBLK 460-89205/26		10/11/2011 11:57	1	WF694126.D	CLP-2 0.53 (mm)
PIBLK 460-89205/26		10/11/2011 11:57	1	WR694126.D	CLP-1 0.53 (mm)
CCV 460-89205/27		10/11/2011 12:11	1	WF694127.D	CLP-2 0.53 (mm)
CCV 460-89205/27		10/11/2011 12:11	1	WR694127.D	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC4Start Date: 10/11/2011 11:57Analysis Batch Number: 89222End Date: 10/11/2011 17:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/11/2011 11:57	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 11:57	1		CLP-1 0.53 (mm)
CCVRT 460-89222/2		10/11/2011 12:11	1	WF694127.D	CLP-2 0.53 (mm)
CCVRT 460-89222/2		10/11/2011 12:11	1	WR694127.D	CLP-1 0.53 (mm)
PEM 460-89222/3		10/11/2011 12:25	1	WF694128.D	CLP-2 0.53 (mm)
PEM 460-89222/3		10/11/2011 12:25	1	WR694128.D	CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 12:39	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 12:39	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 12:53	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 12:53	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 13:07	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 13:07	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 13:21	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 13:21	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 13:35	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 13:35	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 13:49	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 13:49	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 14:03	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 14:03	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 14:16	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 14:16	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 14:30	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 14:30	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 14:44	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 14:44	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 14:58	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 14:58	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 15:12	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 15:12	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 15:26	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 15:26	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 15:40	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 15:40	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 15:54	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 15:54	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 16:08	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 16:08	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 16:22	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 16:22	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 16:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 16:36	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 16:50	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 16:50	1		CLP-1 0.53 (mm)
MB 460-88837/1-A		10/11/2011 17:04	1	WF694148.D	CLP-2 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 10/11/2011 11:57Analysis Batch Number: 89222 End Date: 10/11/2011 17:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 460-88837/1-A		10/11/2011 17:04	1	WR694148.D	CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 17:18	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 17:18	1		CLP-1 0.53 (mm)
CCV 460-89222/25		10/11/2011 17:32	1	WF694150.D	CLP-2 0.53 (mm)
CCV 460-89222/25		10/11/2011 17:32	1	WR694150.D	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Oct11/10-03-11aical/03oct11a.b

Date Generated: 10/03/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	SampleType	LOT	COMMENTS
10/03/11 0535	WR693758	1	Rinse	03oct11a	NA	15	10	1	SAMPLE	NA	88010
10/03/11 0550	WR693759	2	SGPIBLK_00008	03oct11a		15	10	1	SAMPLE		
10/03/11 0604	WR693760	3	SGRESCI_00008	03oct11a		15	10	1	SAMPLE		
10/03/11 0618	WR693761	4	SGDDT/Ei_00015	03oct11a		15	10	1	SAMPLE		
10/03/11 0632	WR693762	5	SGPESTL3_00010	NA		0	0	1	CALIB_3		
10/03/11 0646	WR693763	6	SGPESTL1_00012			0	0	1	CALIB_1		
10/03/11 0700	WR693764	7	SGPESTL2_00009			0	0	1	CALIB_2		
10/03/11 0713	WR693765	8	SGPESTL4_00009			0	0	1	CALIB_4		
10/03/11 0727	WR693766	9	SGPESTL5_00009			0	0	1	CALIB_5		
10/03/11 0741	WR693767	10	SGCHLOL3_00008			0	0	1	CALIB_3		
10/03/11 0755	WR693768	11	SGTOXL3_00011			0	0	1	CALIB_3		
10/03/11 0809	WR693769	12	SGPTICV_00015			0	0	1	CCALIB_3		

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Signed: hgt Read and Understood by: hgt
Date: 10/03/11 Date: 10-3-11

11/15/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/11/11 0550	WR694101	1	Rinse	11oct11a		15	10	1	SAMPLE		
10/11/11 0605	WR694102	2	SGPIBLK_00008	11oct11a		15	10	1	SAMPLE		89205
10/11/11 0618	WR694103	3	SGRESCI_00008	11oct11a		15	10	1	SAMPLE		
10/11/11 0632	WR694104	4	SGDDT/Ei_00015	11oct11a		15	10	1	SAMPLE		
10/11/11 0646	WR694105	5	SGPESTL3_00010			0	0	1	CCALIB_3		
10/11/11 0718	WR694106	6	LCS 460-88837/2-			15	10	1	BS		
10/11/11 0732	WR694107	7	460-32125-D-8-H			15	10	1	MS		
10/11/11 0746	WR694108	8	460-32125-D-8-I			15	10	1	MSD		
10/11/11 0800	WR694109	9	460-32005-A-1-D	460-888582	10/06/11	100	5	1000	SAMPLE		180 µl sample → 900 µl (10x) Cisplatin dilution 100 µl (10x) → 500 µl (100x) → 900 µl (100x)
10/11/11 0814	WR694110	10	460-32155-D-1-A	460-88837	10/10/11	15.1	10	1	SAMPLE		na 200x
10/11/11 0828	WR694111	11	460-32155-D-2-A	460-88837	10/10/11	15.0	10	1	SAMPLE		na 200x
10/11/11 0842	WR694112	12	460-32156-A-1-B	460-88837	10/10/11	15.0	10	1	SAMPLE		
10/11/11 0856	WR694113	13	460-32158-A-1-B	460-88837	10/10/11	15	10	1	SAMPLE		
10/11/11 0910	WR694114	14	460-32160-A-1-B	460-88837	10/10/11	15	10	1	SAMPLE		

Sub-101124

10/12/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11a.b

Date Generated: 10/12/2011
Page 2

Date	Data File	ALS	Sample ID	LBP	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/11/11 0924	WR694115	15	460-32125-D-1-C	460-88837	10/10/11 15	10	1	1	SAMPLE	M	G
10/11/11 0938	WR694116	14	460-32125-D-2-C	460-88837	10/10/11 15	10	1	1	SAMPLE		G
10/11/11 0952	WR694117	17	460-32125-D-3-C	460-88837	10/10/11 15.1	10	1	1	SAMPLE		G
10/11/11 1006	WR694118	18	460-32125-D-4-C	460-88837	10/10/11 15	10	1	1	SAMPLE		G
10/11/11 1020	WR694119	19	460-32125-D-5-C	460-88837	10/10/11 15.0	10	1	1	SAMPLE		G
10/11/11 1034	WR694120	20	460-32125-D-6-C	460-88837	10/10/11 15.0	10	1	1	SAMPLE		G
10/11/11 1048	WR694121	21	460-32125-D-7-C	460-88837	10/10/11 15.1	10	1	1	SAMPLE		G
10/11/11 1101	WR694122	22	460-32125-D-8-G	460-88837	10/10/11 15	10	1	1	SAMPLE		G
10/11/11 1115	WR694123	23	460-32146-A-1-B	460-88837	10/10/11 15	10	1	1	SAMPLE		G
10/11/11 1129	WR694124	24	460-32146-A-2-B	460-88837	10/10/11 15	10	1	1	SAMPLE		G
10/11/11 1143	WR694125	25	460-31939-E-2-D	460-88769	10/08/11 15.0	10	2	1	SAMPLE		G 500ul sample Hexane
10/11/11 1157	WR694126	26	PIBLK_00008	11oct11a	15	10	1	1	SAMPLE		G
10/11/11 1211	WR694127	27	PESTL3_00010	MA	0	0	1	1	CCALIB_3		G

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11/15/2011

Read and Understood by: Sytalw

Signed: [Signature]

Date: 10/12/11

Date: 10-22-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/11/11 1157	WR694126	26	SGPBLK_00008	11oct11a	NA	15	10	1	SAMPLE	NA	89222
10/11/11 1211	WR694127	27	SGPESTL3_00010	NA	NA	0	0	1	CCALIB_3	NA	4
10/11/11 1225	WR694128	28	SGDDT/EI_00015	11oct11a	NA	15	10	1	SAMPLE	NA	4
10/11/11 1239	WR694129	29	LCS 460-88768/2-	NA	NA	15	10	1	BS	NA	4
10/11/11 1253	WR694130	30	460-32095-A-1-D	11oct11b	NA	15	10	1	SAMPLE	NA	4
10/11/11 1307	WR694131	31	460-32095-A-1-E	11oct11b	NA	15	10	1	SAMPLE	NA	4
10/11/11 1321	WR694132	32	460-32070-A-1-A	460-88768	10/08/11	15	10	1	SAMPLE	NA	4
10/11/11 1335	WR694133	33	460-32070-A-2-A	460-88768	10/08/11	15	10	1	SAMPLE	NA	4
10/11/11 1349	WR694134	34	460-32070-A-3-A	460-88768	10/08/11	15.1	10	1	SAMPLE	NA	4
10/11/11 1403	WR694135	35	460-32070-A-4-A	460-88768	10/08/11	15	10	1	SAMPLE	NA	4
10/11/11 1416	WR694136	36	460-32070-A-5-A	460-88768	10/08/11	15.0	10	1	SAMPLE	NA	4
10/11/11 1430	WR694137	37	460-32070-A-6-A	460-88768	10/08/11	15	10	1	SAMPLE	NA	4
10/11/11 1444	WR694138	38	460-32070-A-7-A	460-88768	10/08/11	15.0	10	1	SAMPLE	NA	4
10/11/11 1458	WR694139	39	460-32070-A-8-A	460-88768	10/08/11	15	10	1	SAMPLE	NA	4

Ref 10/12/11
S 10-12-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem/PESTGC4.i/8081T/rear/Oct11/10-11-11/11oct11b.b

Date Generated: 10/12/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV FAC	SampleType	LOT	COMMENTS
10/11/11 1512	WR694140		460-32070-A-9-A	460-88768	10/08/11 15.0	10	1	SAMPLE		L
10/11/11 1526	WR694141	40	460-32070-A-10-A	460-88768	10/08/11 15	10	1	SAMPLE		L
10/11/11 1540	WR694142	41	460-32070-A-11-A	460-88768	10/08/11 15.0	10	1	SAMPLE		L
10/11/11 1554	WR694143	42	460-32070-A-12-A	460-88768	10/08/11 15.1	10	1	SAMPLE		L
10/11/11 1608	WR694144	43	460-32070-A-13-A	460-88768	10/08/11 15.0	10	1	SAMPLE		L
10/11/11 1622	WR694145	44	460-32070-A-14-A	460-88768	10/08/11 15.0	10	1	SAMPLE		L
10/11/11 1636	WR694146	45	460-32070-A-15-A	460-88768	10/08/11 15	10	1	SAMPLE		Na 2x
10/11/11 1650	WR694147	46	MB 460-88768/1-A	11oct11b	15	10	1	SAMPLE		Na 5x
10/11/11 1704	WR694148	47	MB 460-88837/1-A	11oct11b	15	10	1	SAMPLE		L
10/11/11 1718	WR694149	48	SGPIBLK_00008	11oct11b	15	10	1	SAMPLE		L
10/11/11 1732	WR694150	49	SGPESTL3_00010	11oct11b	0	0	1	CCALIB_3		L
		50		NA						L

Signed: hgt Read and Understood by: SG

Date: 10/12/11 Date: 10/12/11

11/15/2011

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88837 Batch Start Date: 10/10/11 03:53 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/10/11 19:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PESTSP 00008	OPPSTPCBSU 00018	
MB 460-88837/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-88837/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-32125-D-8 MS	FB-17338-100511- MM-147	3541, 8081A	T	15.00 g	10 mL	75	100 uL	50 uL	
460-32125-D-8 MSD	FB-17338-100511- MM-147	3541, 8081A	T	15.05 g	10 mL	76	100 uL	50 uL	
460-32125-D-1	SO-17338-100511- MM-140	3541, 8081A	T	15.00 g	10 mL	77		50 uL	
460-32125-D-2	SO-17338-100511- MM-141	3541, 8081A	T	15.00 g	10 mL	78		50 uL	
460-32125-D-3	SO-17338-100511- MM-142	3541, 8081A	T	15.05 g	10 mL	79		50 uL	
460-32125-D-4	SO-17338-100511- MM-143	3541, 8081A	T	15.00 g	10 mL	80		50 uL	
460-32125-D-5	SO-17338-100511- MM-144	3541, 8081A	T	15.03 g	10 mL	81		50 uL	
460-32125-D-6	SO-17338-100511- MM-145	3541, 8081A	T	15.01 g	10 mL	82		50 uL	
460-32125-D-7	SO-17338-100511- MM-146	3541, 8081A	T	15.05 g	10 mL	83		50 uL	
460-32125-D-8	FB-17338-100511- MM-147	3541, 8081A	T	15.00 g	10 mL	84		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	9:18am
Florisil Lot #	k22551
Vendor lot number	j44e39
Person's name who did the prep	archie
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:53am

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88837 Batch Start Date: 10/10/11 03:53 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/10/11 19:18

Basis	Basis Description
T	Total/NA

Method 8082 - Delaware

Polychlorinated Biphenyls (PCBs)
(GC) by Method 8082 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
SO-17338-100511-MM-140	460-32125-1	119	113
SO-17338-100511-MM-141	460-32125-2	118	112
SO-17338-100511-MM-142	460-32125-3	102	87
SO-17338-100511-MM-143	460-32125-4	160 X	113
SO-17338-100511-MM-144	460-32125-5	149	113
SO-17338-100511-MM-145	460-32125-6	175 X	142
SO-17338-100511-MM-146	460-32125-7	88	88
FB-17338-100511-MM-147	460-32125-8	115	95
	MB 460-88836/1-A	118	101
	LCS 460-88836/2-A	119	99
FB-17338-100511-MM-147 MS	460-32125-8 MS	123	102
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	116	95

DCB = DCB Decachlorobiphenyl

QC LIMITS
30-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178334.d
Lab ID: LCS 460-88836/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	319	96	60-144	
PCB-1260	333	290	87	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178334.d
Lab ID: LCS 460-88836/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	355	106	60-144	
PCB-1260	333	319	96	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178336.d
Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	333	67 U	295	89	60-144	
PCB-1260	333	67 U	278	84	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178336.d
Lab ID: 460-32125-8 MS Client ID: FB-17338-100511-MM-147 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	333	67 U	326	98	60-144	
PCB-1260	333	67 U	298	90	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178337.d
Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	333	280	84	5	30	60-144	
PCB-1260	333	262	78	6	30	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178337.d
Lab ID: 460-32125-8 MSD Client ID: FB-17338-100511-MM-147 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	333	303	91	7	30	60-144	
PCB-1260	333	280	84	6	30	63-143	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Lab Sample ID: MB 460-88836/1-A
Matrix: Solid Date Extracted: 10/10/2011 02:52
Lab File ID: (1) or178333.d Lab File ID: (2) of178333.d
Date Analyzed: (1) 10/10/2011 12:52 Date Analyzed: (2) 10/10/2011 12:52
Instrument ID: (1) PESTGC7 Instrument ID: (2) PESTGC7
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-88836/2-A	10/10/2011 13:09	10/10/2011 13:09
FB-17338-100511-MM-147	460-32125-8	10/10/2011 13:25	10/10/2011 13:25
FB-17338-100511-MM-147 MS	460-32125-8 MS	10/10/2011 13:42	10/10/2011 13:42
FB-17338-100511-MM-147 MSD	460-32125-8 MSD	10/10/2011 13:58	10/10/2011 13:58
SO-17338-100511-MM-140	460-32125-1	10/10/2011 14:15	10/10/2011 14:15
SO-17338-100511-MM-141	460-32125-2	10/10/2011 14:31	10/10/2011 14:31
SO-17338-100511-MM-142	460-32125-3	10/10/2011 14:48	10/10/2011 14:48
SO-17338-100511-MM-143	460-32125-4	10/10/2011 15:04	10/10/2011 15:04
SO-17338-100511-MM-144	460-32125-5	10/10/2011 15:21	10/10/2011 15:21
SO-17338-100511-MM-145	460-32125-6	10/10/2011 16:50	10/10/2011 16:50
SO-17338-100511-MM-146	460-32125-7	10/10/2011 17:07	10/10/2011 17:07

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89063/4 Date Analyzed: 10/10/2011 09:12
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of178320.d Heated Purge: (Y/N) N
 Calibration ID: 12564

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.60		
UPPER LIMIT				10.70		
LOWER LIMIT				10.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89063/4		10/10/2011 09:12	of178320.d	10.60		
MB 460-88836/1-A		10/10/2011 12:52	of178333.d	10.60		
LCS 460-88836/2-A		10/10/2011 13:09	of178334.d	10.60		
460-32125-8	FB-17338-100511-MM-14 7	10/10/2011 13:25	of178335.d	10.60		
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/10/2011 13:42	of178336.d	10.60		
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/10/2011 13:58	of178337.d	10.60		
460-32125-1	SO-17338-100511-MM-14 0	10/10/2011 14:15	of178338.d	10.60		
460-32125-2	SO-17338-100511-MM-14 1	10/10/2011 14:31	of178339.d	10.60		
460-32125-3	SO-17338-100511-MM-14 2	10/10/2011 14:48	of178340.d	10.60		
460-32125-4	SO-17338-100511-MM-14 3	10/10/2011 15:04	of178341.d	10.60		
460-32125-5	SO-17338-100511-MM-14 4	10/10/2011 15:21	of178342.d	10.60		
CCV 460-89063/28		10/10/2011 16:01	of178344.d	10.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89063/4 Date Analyzed: 10/10/2011 09:12
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or178320.d Heated Purge: (Y/N) N
 Calibration ID: 12560

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.45		
UPPER LIMIT				9.55		
LOWER LIMIT				9.35		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89063/4		10/10/2011 09:12	or178320.d	9.45		
MB 460-88836/1-A		10/10/2011 12:52	or178333.d	9.45		
LCS 460-88836/2-A		10/10/2011 13:09	or178334.d	9.45		
460-32125-8	FB-17338-100511-MM-14 7	10/10/2011 13:25	or178335.d	9.45		
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/10/2011 13:42	or178336.d	9.45		
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/10/2011 13:58	or178337.d	9.45		
460-32125-1	SO-17338-100511-MM-14 0	10/10/2011 14:15	or178338.d	9.45		
460-32125-2	SO-17338-100511-MM-14 1	10/10/2011 14:31	or178339.d	9.45		
460-32125-3	SO-17338-100511-MM-14 2	10/10/2011 14:48	or178340.d	9.45		
460-32125-4	SO-17338-100511-MM-14 3	10/10/2011 15:04	or178341.d	9.45		
460-32125-5	SO-17338-100511-MM-14 4	10/10/2011 15:21	or178342.d	9.45		
CCV 460-89063/28		10/10/2011 16:01	or178344.d	9.45		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89203/2 Date Analyzed: 10/10/2011 16:34
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of178346.d Heated Purge: (Y/N) N
 Calibration ID: 12564

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.60		
UPPER LIMIT				10.70		
LOWER LIMIT				10.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89203/2		10/10/2011 16:34	of178346.d	10.60		
460-32125-6	SO-17338-100511-MM-14 5	10/10/2011 16:50	of178347.d	10.60		
460-32125-7	SO-17338-100511-MM-14 6	10/10/2011 17:07	of178348.d	10.60		
CCV 460-89203/33		10/11/2011 01:03	of178377.d	10.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Sample No.: CCVRT 460-89203/2 Date Analyzed: 10/10/2011 16:34
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or178346.d Heated Purge: (Y/N) N
 Calibration ID: 12560

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.45		
UPPER LIMIT				9.55		
LOWER LIMIT				9.35		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89203/2		10/10/2011 16:34	or178346.d	9.45		
460-32125-6	SO-17338-100511-MM-14 5	10/10/2011 16:50	or178347.d	9.45		
460-32125-7	SO-17338-100511-MM-14 6	10/10/2011 17:07	or178348.d	9.45		
CCV 460-89203/33		10/11/2011 01:03	or178377.d	9.45		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 10/10/2011 13:42 Date Analyzed (2): 10/10/2011 13:42
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.39	2.32	2.46	305	326	10.1
		2	2.72	2.65	2.79	336		
		3	2.91	2.84	2.98	334		
		4	3.18	3.11	3.25	332		
		5	3.32	3.25	3.39	338		
		6	3.38	3.31	3.45	326		
		7	3.53	3.46	3.60	302		
		8	3.76	3.69	3.83	334		
	2	1	3.01	2.94	3.08	314	295	
		2	3.47	3.40	3.54	306		
		3	3.75	3.68	3.82	294		
		4	4.00	3.93	4.07	308		
		5	4.17	4.10	4.24	302		
		6	4.47	4.40	4.54	298		
		7	5.28	5.21	5.35	272		
		8	5.53	5.46	5.60	264		
PCB-1260	1	1	5.18	5.11	5.25	316	298	6.9
		2	5.52	5.45	5.59	314		
		3	5.87	5.80	5.94	301		
		4	6.01	5.94	6.08	303		
		5	6.35	6.27	6.41	278		
		7	7.48	7.41	7.55	281		
		8	8.70	8.63	8.77	292		
	2	1	6.42	6.35	6.49	280	278	
		2	6.75	6.68	6.82	281		
		3	7.39	7.32	7.46	295		
		4	7.58	7.51	7.65	288		
		5	7.70	7.63	7.77	286		
		6	8.24	8.17	8.31	295		
		7	9.41	9.34	9.48	257		
		8	10.08	10.01	10.15	243		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 10/10/2011 13:58 Date Analyzed (2): 10/10/2011 13:58
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.39	2.32	2.46	281	303	7.7
		2	2.72	2.65	2.79	310		
		3	2.91	2.84	2.98	310		
		4	3.18	3.11	3.25	310		
		5	3.32	3.25	3.39	317		
		6	3.38	3.31	3.45	301		
		7	3.54	3.46	3.60	288		
		8	3.76	3.69	3.83	307		
	2	1	3.01	2.94	3.08	294	280	
		2	3.47	3.40	3.54	288		
		3	3.75	3.68	3.82	286		
		4	4.00	3.93	4.07	292		
		5	4.17	4.10	4.24	295		
		6	4.47	4.40	4.54	290		
		7	5.28	5.21	5.35	251		
		8	5.53	5.46	5.60	247		
PCB-1260	1	1	5.18	5.11	5.25	297	280	6.9
		2	5.52	5.45	5.59	297		
		3	5.87	5.80	5.94	276		
		4	6.01	5.94	6.08	289		
		5	6.35	6.27	6.41	261		
		7	7.48	7.41	7.55	274		
		8	8.70	8.63	8.77	269		
	2	1	6.42	6.35	6.49	270	262	
		2	6.75	6.68	6.82	267		
		3	7.39	7.32	7.46	276		
		4	7.59	7.51	7.65	269		
		5	7.70	7.63	7.77	260		
		6	8.24	8.17	8.31	276		
		7	9.41	9.34	9.48	246		
		8	10.08	10.01	10.15	227		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88836/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 10/10/2011 13:09 Date Analyzed (2): 10/10/2011 13:09
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.39	2.32	2.46	337	355	10.7
		2	2.72	2.65	2.79	365		
		3	2.91	2.84	2.98	364		
		4	3.18	3.11	3.25	361		
		5	3.32	3.25	3.39	364		
		6	3.38	3.31	3.45	356		
		7	3.53	3.46	3.60	325		
		8	3.76	3.69	3.83	363		
	2	1	3.01	2.94	3.08	353	319	
		2	3.47	3.40	3.54	334		
		3	3.75	3.68	3.82	321		
		4	4.00	3.93	4.07	336		
		5	4.17	4.10	4.24	332		
		6	4.47	4.40	4.54	325		
		7	5.29	5.21	5.35	283		
		8	5.53	5.46	5.60	264		
PCB-1260	1	1	5.18	5.11	5.25	335	319	9.4
		2	5.52	5.45	5.59	332		
		3	5.87	5.80	5.94	323		
		4	6.02	5.94	6.08	320		
		5	6.35	6.27	6.41	299		
		7	7.48	7.41	7.55	310		
		8	8.70	8.63	8.77	314		
	2	1	6.42	6.35	6.49	292	290	
		2	6.75	6.68	6.82	296		
		3	7.39	7.32	7.46	311		
		4	7.59	7.51	7.65	302		
		5	7.70	7.63	7.77	298		
		6	8.24	8.17	8.31	310		
		7	9.41	9.34	9.48	260		
		8	10.08	10.01	10.15	252		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
Matrix: Solid Lab File ID: of178338.d
Analysis Method: 8082 Date Collected: 10/05/2011 10:30
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 14:15
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 18.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

Data File: of178338.d
Report Date: 11-Oct-2011 12:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178338.d
Lab Smp Id: 460-32125-D-1-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-1-B
Misc Info : 460-32125-D-1-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:14 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.598	10.598	0.000	195960 56.5413	38	80.00- 120.00	100.00

Data File: of178338.d

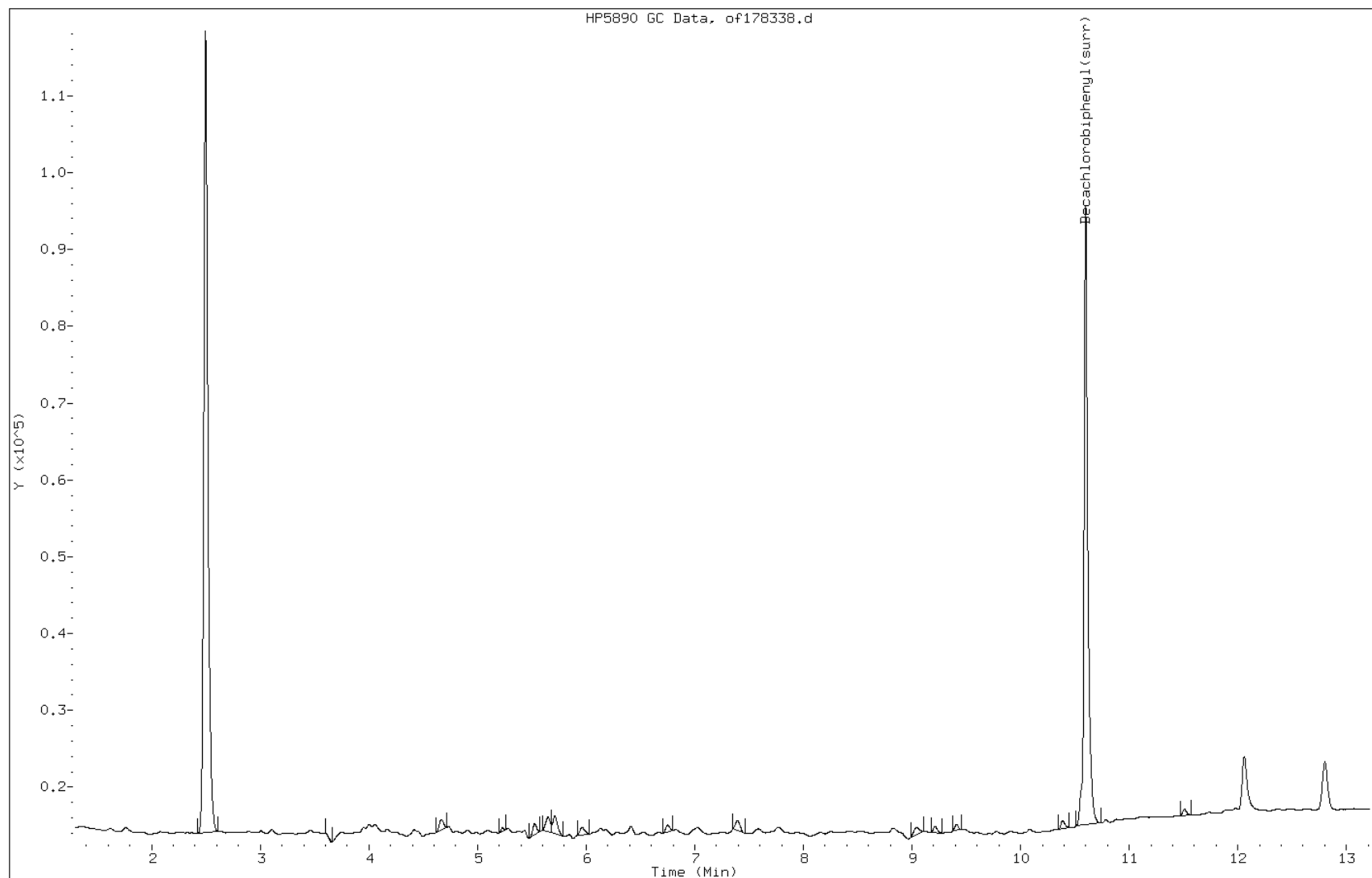
Date: 10-OCT-2011 14:15

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-1-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-140 Lab Sample ID: 460-32125-1
 Matrix: Solid Lab File ID: or178338.d
 Analysis Method: 8082 Date Collected: 10/05/2011 10:30
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 14:15
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 18.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	82	U	82	16
11104-28-2	PCB-1221	82	U	82	25
11141-16-5	PCB-1232	82	U	82	46
53469-21-9	PCB-1242	82	U	82	16
12672-29-6	PCB-1248	82	U	82	22
11097-69-1	PCB-1254	82	U	82	28
11096-82-5	PCB-1260	82	U	82	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178338.d
Lab Smp Id: 460-32125-D-1-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-1-B
Misc Info : 460-32125-D-1-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.448	9.447	0.001	187417	59.5693	40 80.00- 120.00	100.00

Data File: or178338.d

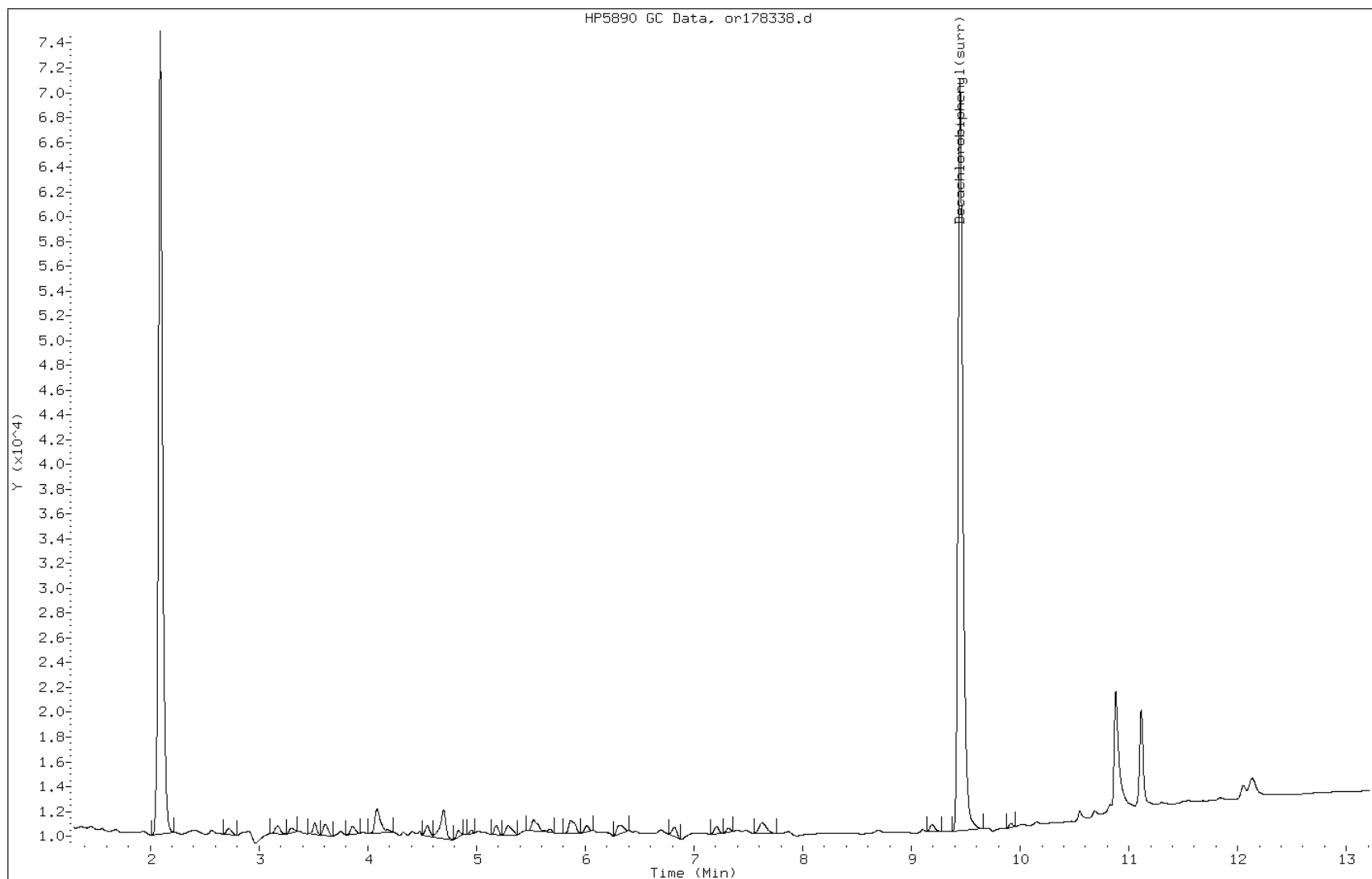
Date: 10-OCT-2011 14:15

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-1-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
Matrix: Solid Lab File ID: of178339.d
Analysis Method: 8082 Date Collected: 10/05/2011 11:00
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 14:31
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 20.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

Data File: of178339.d
Report Date: 11-Oct-2011 12:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178339.d
Lab Smp Id: 460-32125-D-2-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:31
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-2-B
Misc Info : 460-32125-D-2-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:14 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.598	10.598	0.000	193752	55.9043	37 80.00- 120.00	100.00

Data File: of178339.d

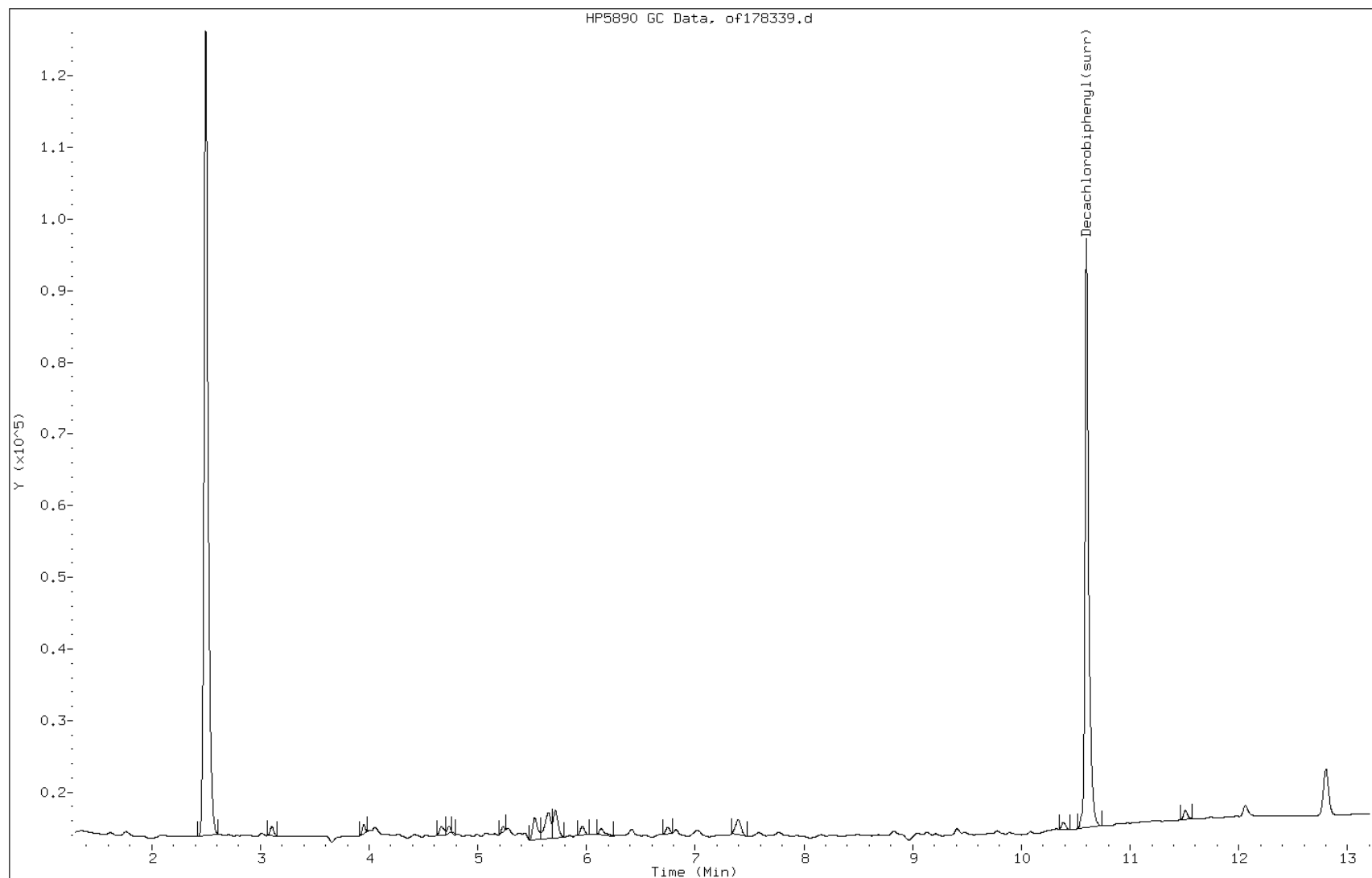
Date: 10-OCT-2011 14:31

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-2-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-141 Lab Sample ID: 460-32125-2
 Matrix: Solid Lab File ID: or178339.d
 Analysis Method: 8082 Date Collected: 10/05/2011 11:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 14:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 20.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	84	U	84	16
11104-28-2	PCB-1221	84	U	84	25
11141-16-5	PCB-1232	84	U	84	48
53469-21-9	PCB-1242	84	U	84	16
12672-29-6	PCB-1248	84	U	84	22
11097-69-1	PCB-1254	84	U	84	29
11096-82-5	PCB-1260	84	U	84	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178339.d
Lab Smp Id: 460-32125-D-2-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:31
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-2-B
Misc Info : 460-32125-D-2-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.447	9.447	0.000	185651	59.0080	39 80.00- 120.00	100.00

Data File: or178339.d

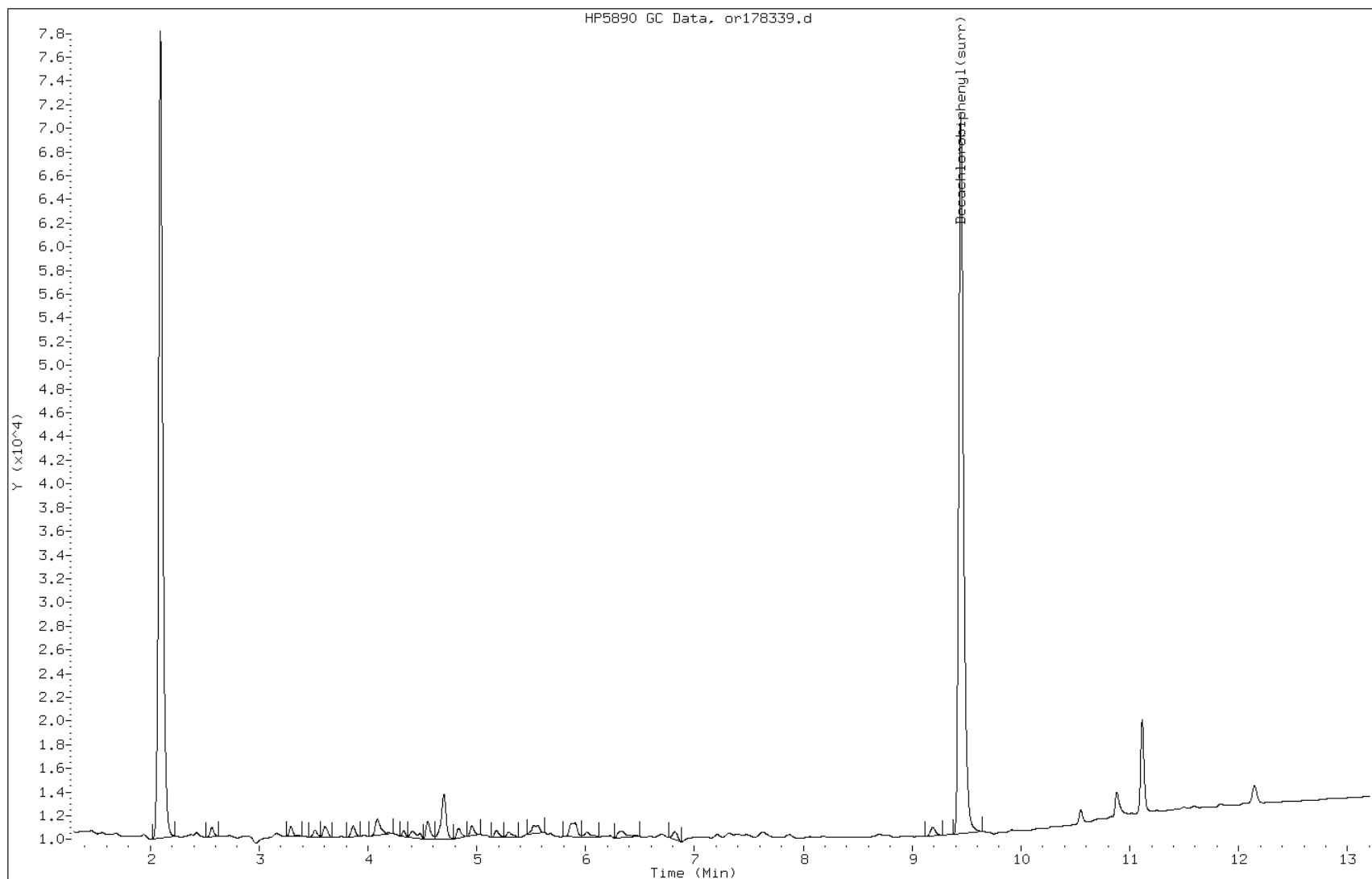
Date: 10-OCT-2011 14:31

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-2-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
Matrix: Solid Lab File ID: of178340.d
Analysis Method: 8082 Date Collected: 10/05/2011 11:30
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.05(g) Date Analyzed: 10/10/2011 14:48
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 18.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		30-150

Data File: of178340.d
Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178340.d
Lab Smp Id: 460-32125-D-3-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:48
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-3-B
Misc Info : 460-32125-D-3-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.598	10.598	0.000	151454	43.6998	29 80.00- 120.00	100.00

Data File: of178340.d

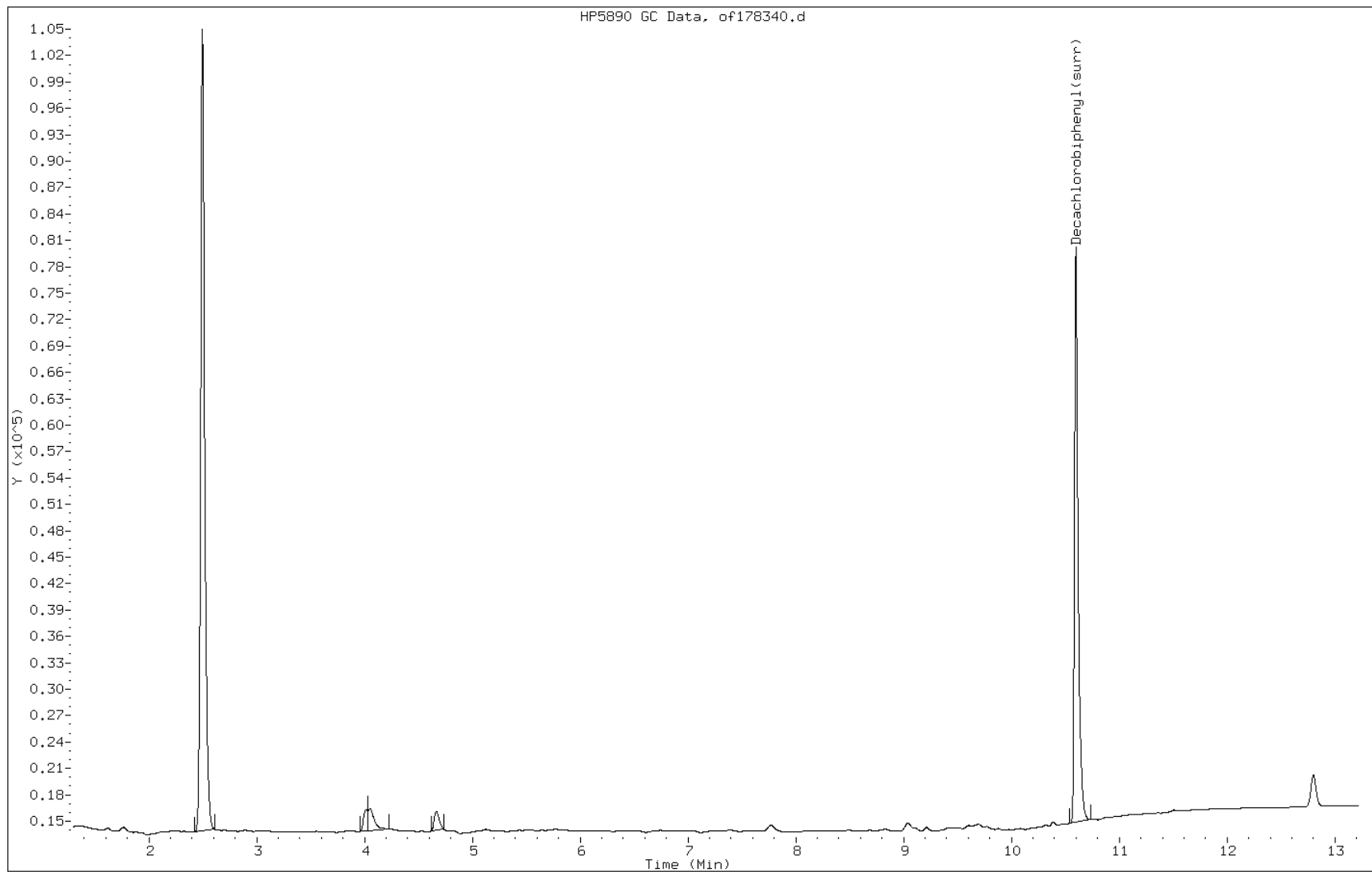
Date: 10-OCT-2011 14:48

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-3-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-142 Lab Sample ID: 460-32125-3
 Matrix: Solid Lab File ID: or178340.d
 Analysis Method: 8082 Date Collected: 10/05/2011 11:30
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.05(g) Date Analyzed: 10/10/2011 14:48
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 18.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	82	U	82	16
11104-28-2	PCB-1221	82	U	82	25
11141-16-5	PCB-1232	82	U	82	46
53469-21-9	PCB-1242	82	U	82	16
12672-29-6	PCB-1248	82	U	82	22
11097-69-1	PCB-1254	82	U	82	28
11096-82-5	PCB-1260	82	U	82	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178340.d
Lab Smp Id: 460-32125-D-3-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 14:48
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-3-B
Misc Info : 460-32125-D-3-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.447	9.447	0.000	160049	50.8706	34 80.00- 120.00	100.00

Data File: or178340.d

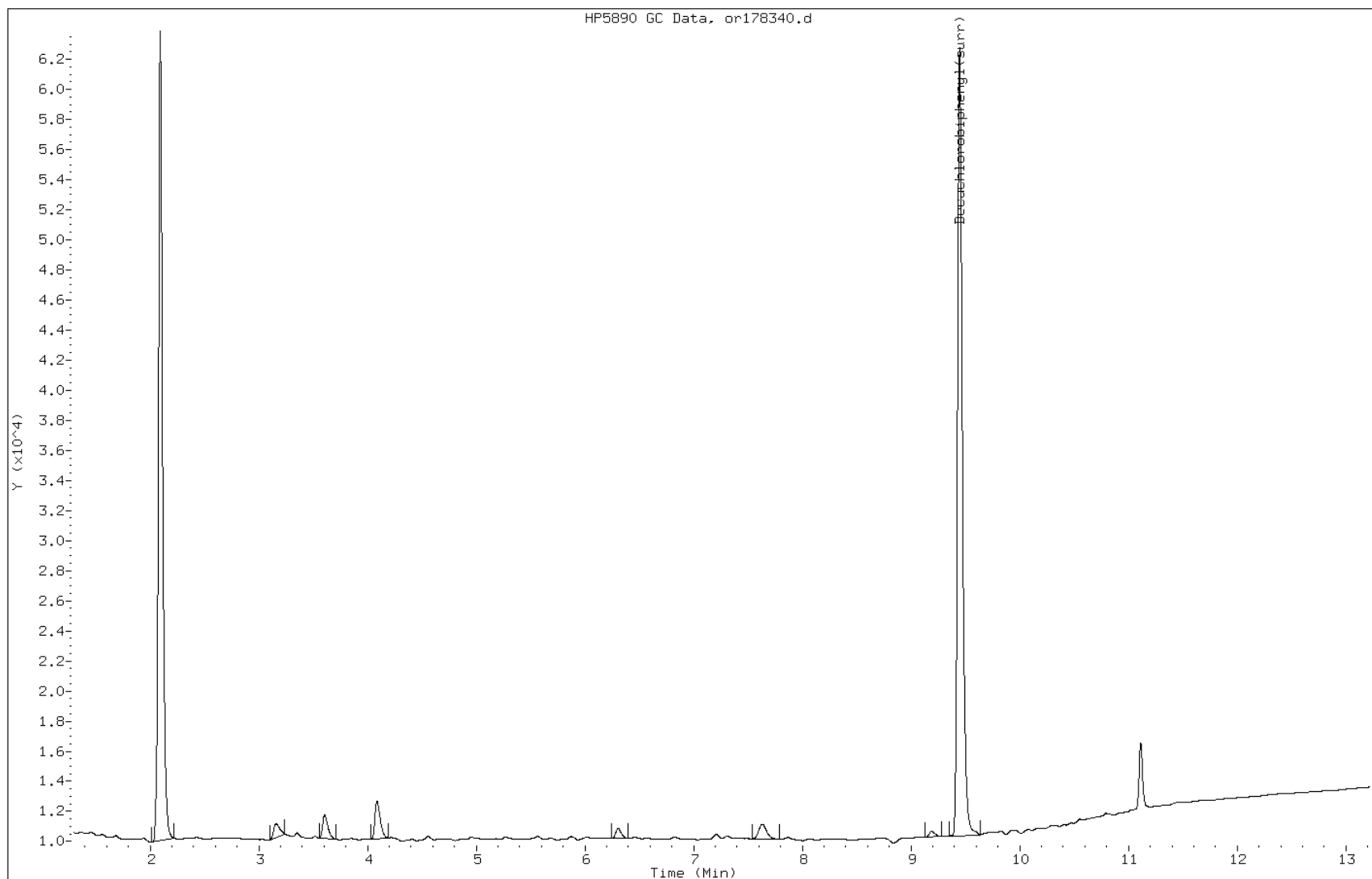
Date: 10-OCT-2011 14:48

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-3-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
Matrix: Solid Lab File ID: of178341.d
Analysis Method: 8082 Date Collected: 10/05/2011 12:15
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 15:04
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 57.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

Data File: of178341.d
Report Date: 11-Oct-2011 12:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178341.d
Lab Smp Id: 460-32125-D-4-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 15:04
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-4-B
Misc Info : 460-32125-D-4-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.598	10.598	0.000	195136	56.3036	38 80.00- 120.00	100.00

Data File: of178341.d

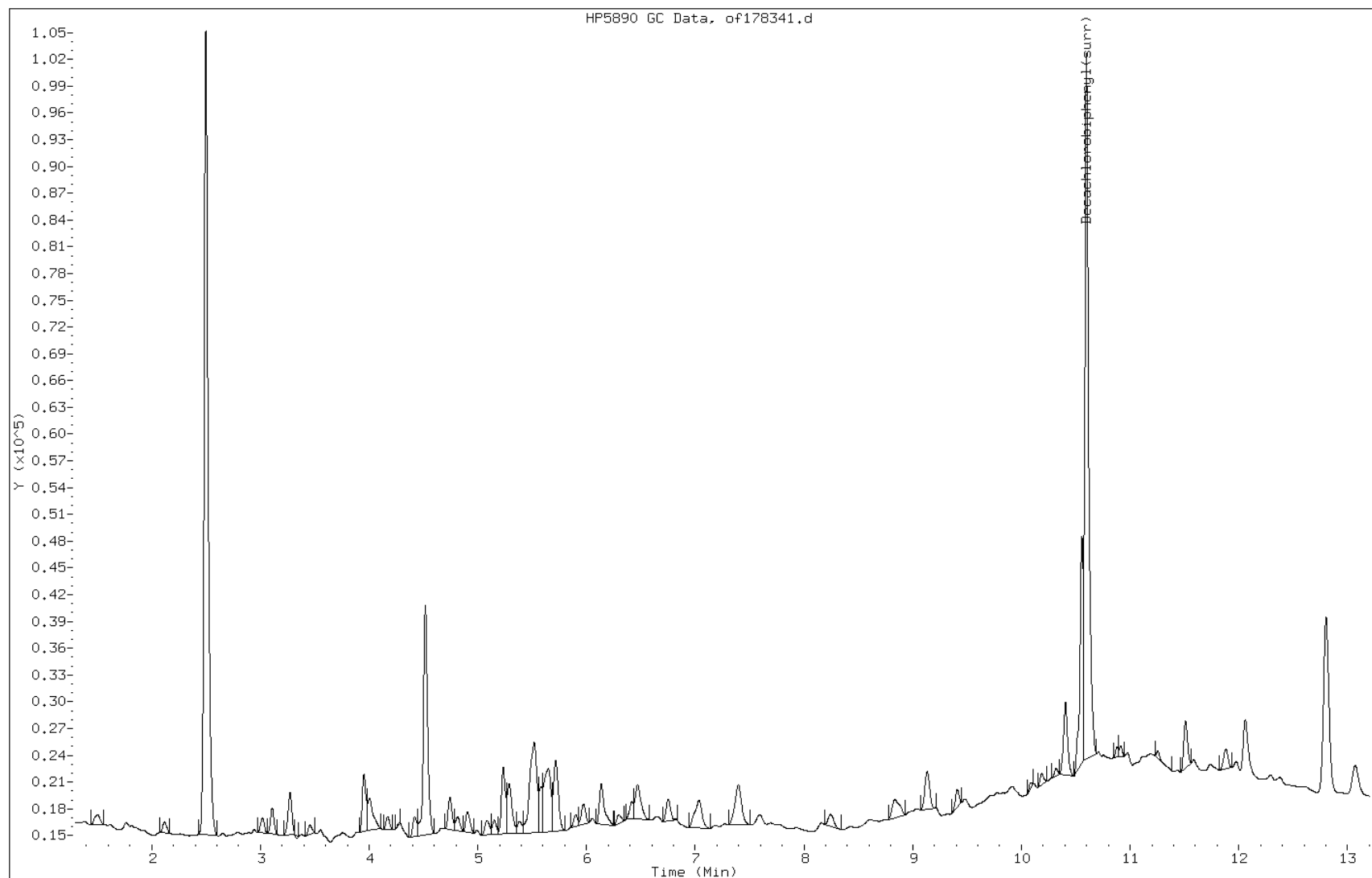
Date: 10-OCT-2011 15:04

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-4-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-143 Lab Sample ID: 460-32125-4
 Matrix: Solid Lab File ID: or178341.d
 Analysis Method: 8082 Date Collected: 10/05/2011 12:15
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 15:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 57.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	160	U	160	30
11104-28-2	PCB-1221	160	U	160	47
11141-16-5	PCB-1232	160	U	160	89
53469-21-9	PCB-1242	160	U	160	30
12672-29-6	PCB-1248	160	U	160	42
11097-69-1	PCB-1254	160	U	160	54
11096-82-5	PCB-1260	160	U	160	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	160	X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178341.d
Lab Smp Id: 460-32125-D-4-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 15:04
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-4-B
Misc Info : 460-32125-D-4-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.450	9.447	0.003	251999 80.0963	53	80.00- 120.00	100.00(RM)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or178341.d

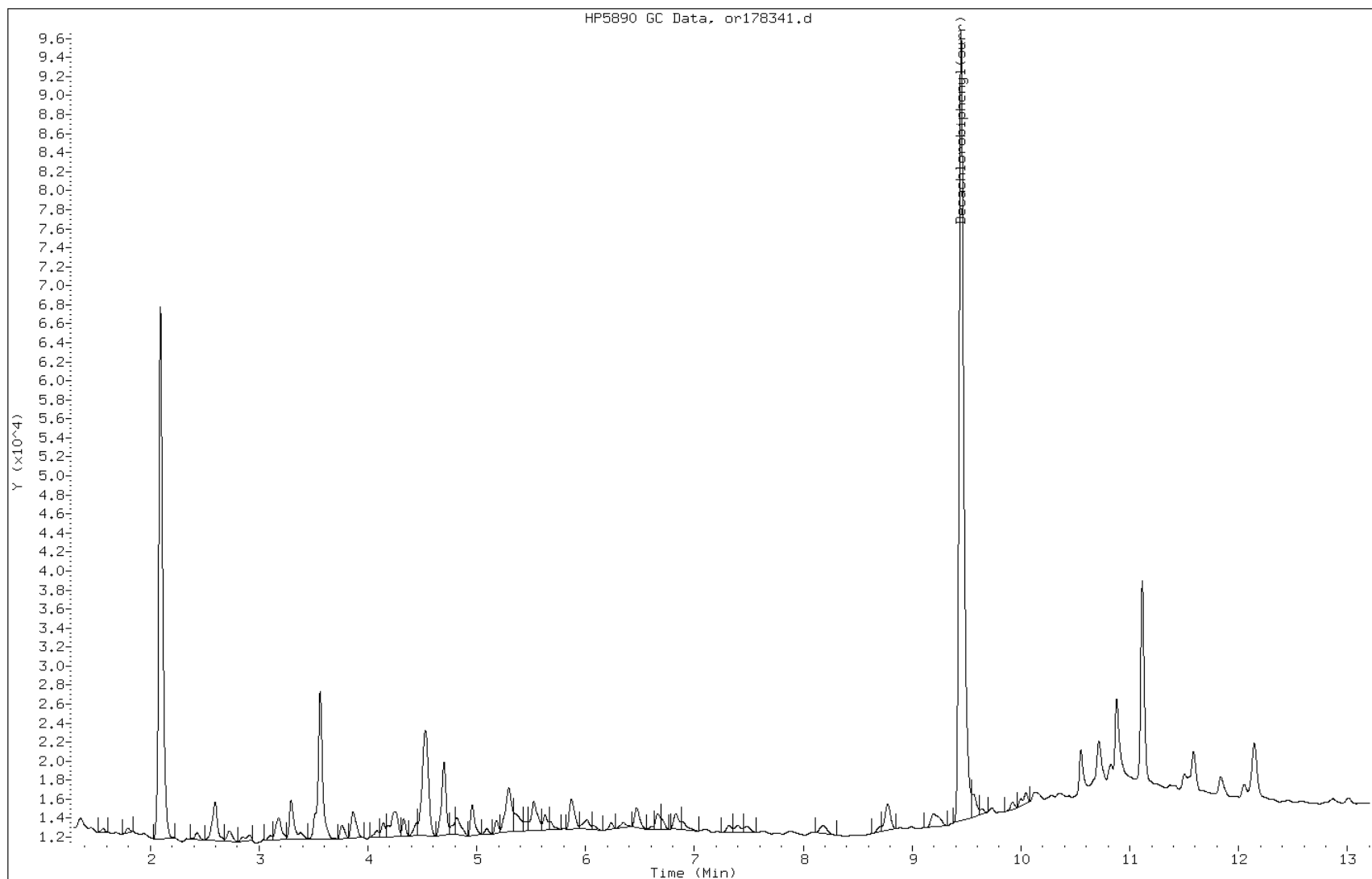
Date: 10-OCT-2011 15:04

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-4-B

Operator: 615

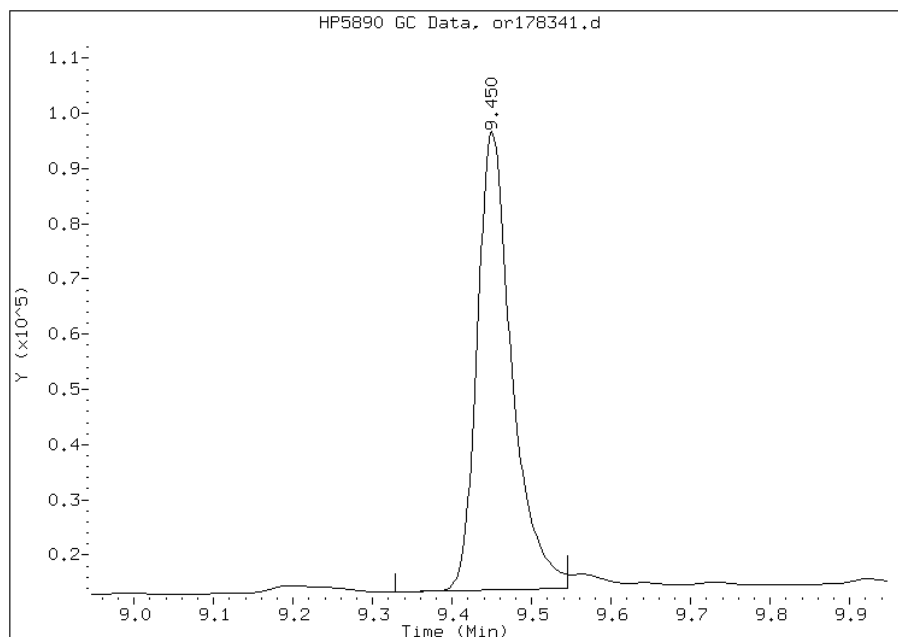


Manual Integration Report

Data File: or178341.d
Inj. Date and Time: 10-OCT-2011 15:04
Instrument ID: PESTGC7.i
Client ID: S0-17338-100511-MM-
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/11/2011

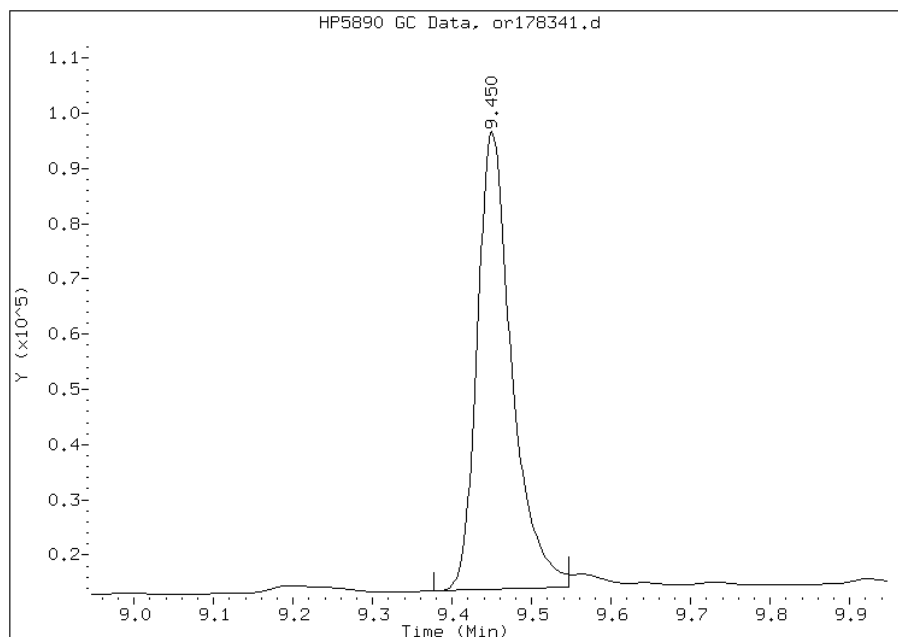
Processing Integration Results

RT: 9.45
Response: 253408
Amount: 80.54
Conc: 53.70



Manual Integration Results

RT: 9.45
Response: 251999
Amount: 80.10
Conc: 53.40



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
Matrix: Solid Lab File ID: of178342.d
Analysis Method: 8082 Date Collected: 10/05/2011 12:30
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.03(g) Date Analyzed: 10/10/2011 15:21
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 67.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

Data File: of178342.d
Report Date: 11-Oct-2011 12:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178342.d
Lab Smp Id: 460-32125-D-5-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 15:21
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-5-B
Misc Info : 460-32125-D-5-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.598	10.598	0.000	195372	56.3717	38 80.00- 120.00	100.00

Data File: of178342.d

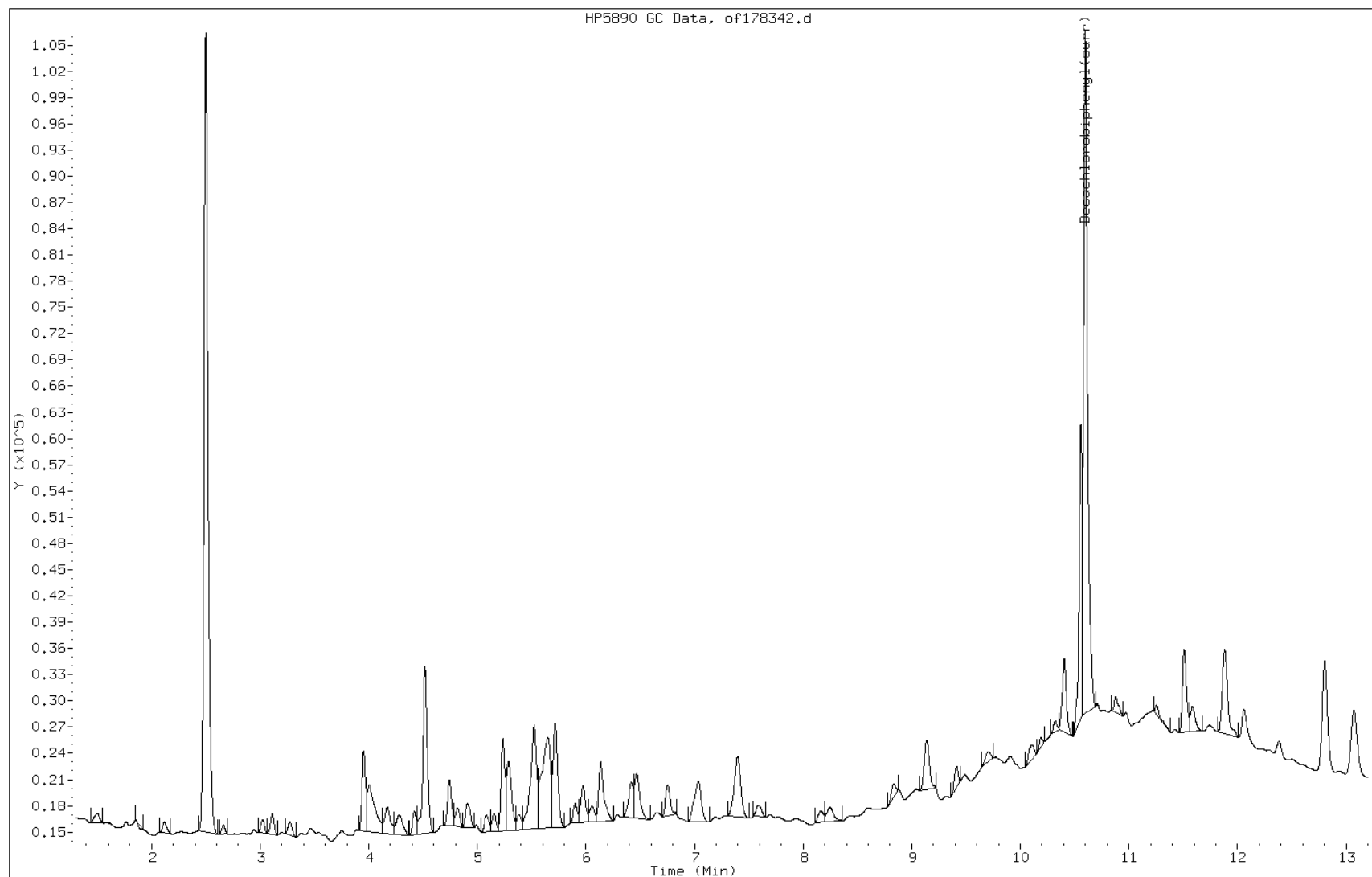
Date: 10-OCT-2011 15:21

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-5-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-144 Lab Sample ID: 460-32125-5
 Matrix: Solid Lab File ID: or178342.d
 Analysis Method: 8082 Date Collected: 10/05/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.03(g) Date Analyzed: 10/10/2011 15:21
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 67.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	210	U	210	40
11104-28-2	PCB-1221	210	U	210	62
11141-16-5	PCB-1232	210	U	210	120
53469-21-9	PCB-1242	210	U	210	39
12672-29-6	PCB-1248	210	U	210	55
11097-69-1	PCB-1254	210	U	210	71
11096-82-5	PCB-1260	210	U	210	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	149		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178342.d
Lab Smp Id: 460-32125-D-5-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 15:21
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-5-B
Misc Info : 460-32125-D-5-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.448	9.447	0.001	234605	74.5677	50 80.00- 120.00	100.00

Data File: or178342.d

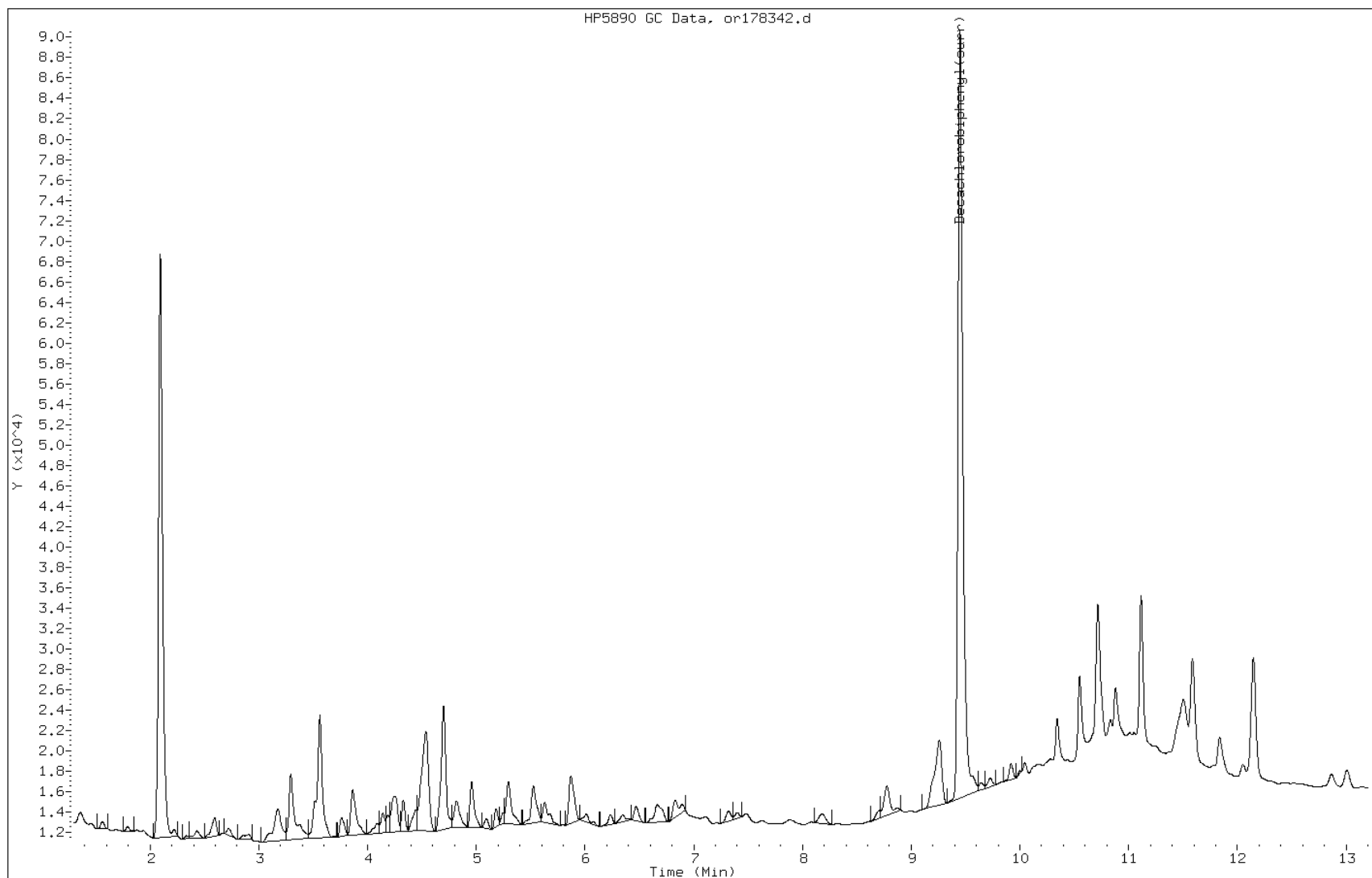
Date: 10-OCT-2011 15:21

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-5-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
Matrix: Solid Lab File ID: of178347.d
Analysis Method: 8082 Date Collected: 10/05/2011 12:50
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.01(g) Date Analyzed: 10/10/2011 16:50
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 30.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89203 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		30-150

Data File: of178347.d
Report Date: 12-Oct-2011 12:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/of178347.d
Lab Smp Id: 460-32125-D-6-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 16:50
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-6-B
Misc Info : 460-32125-D-6-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/080f8082.m
Meth Date : 12-Oct-2011 12:32 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.597	10.597	0.000	245827	70.9297	47 80.00- 120.00	100.00(H)

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: of178347.d

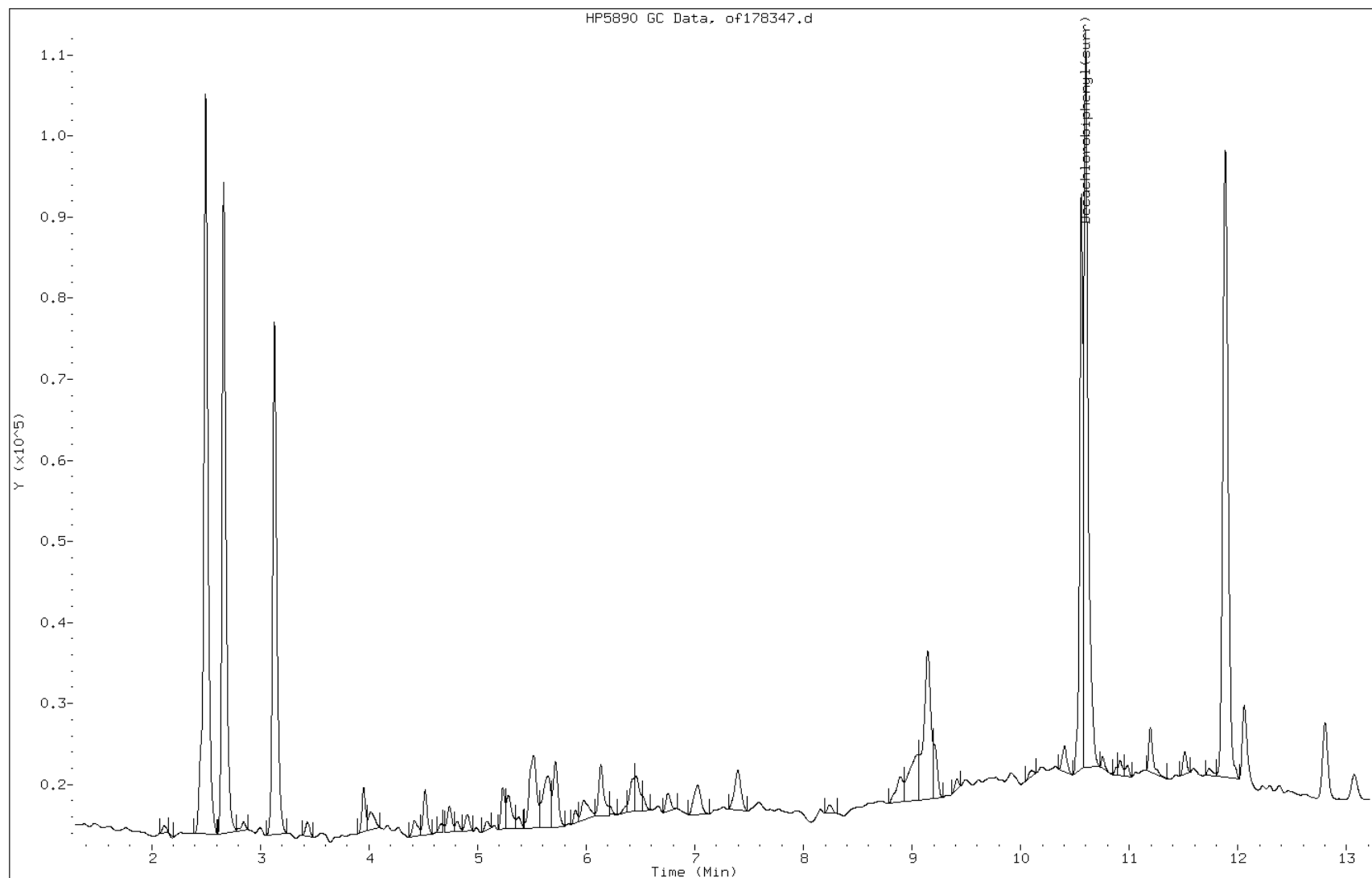
Date: 10-OCT-2011 16:50

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-6-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-145 Lab Sample ID: 460-32125-6
 Matrix: Solid Lab File ID: or178347.d
 Analysis Method: 8082 Date Collected: 10/05/2011 12:50
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.01(g) Date Analyzed: 10/10/2011 16:50
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 30.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89203 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	96	U	96	18
11104-28-2	PCB-1221	96	U	96	29
11141-16-5	PCB-1232	96	U	96	54
53469-21-9	PCB-1242	96	U	96	18
12672-29-6	PCB-1248	96	U	96	25
11097-69-1	PCB-1254	96	U	96	33
11096-82-5	PCB-1260	96	U	96	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	175	X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/or178347.d
Lab Smp Id: 460-32125-D-6-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 16:50
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-6-B
Misc Info : 460-32125-D-6-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/080r8082.m
Meth Date : 12-Oct-2011 12:31 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.448	9.447	0.001	274664	87.3002	58 80.00- 120.00	100.00(RM)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or178347.d

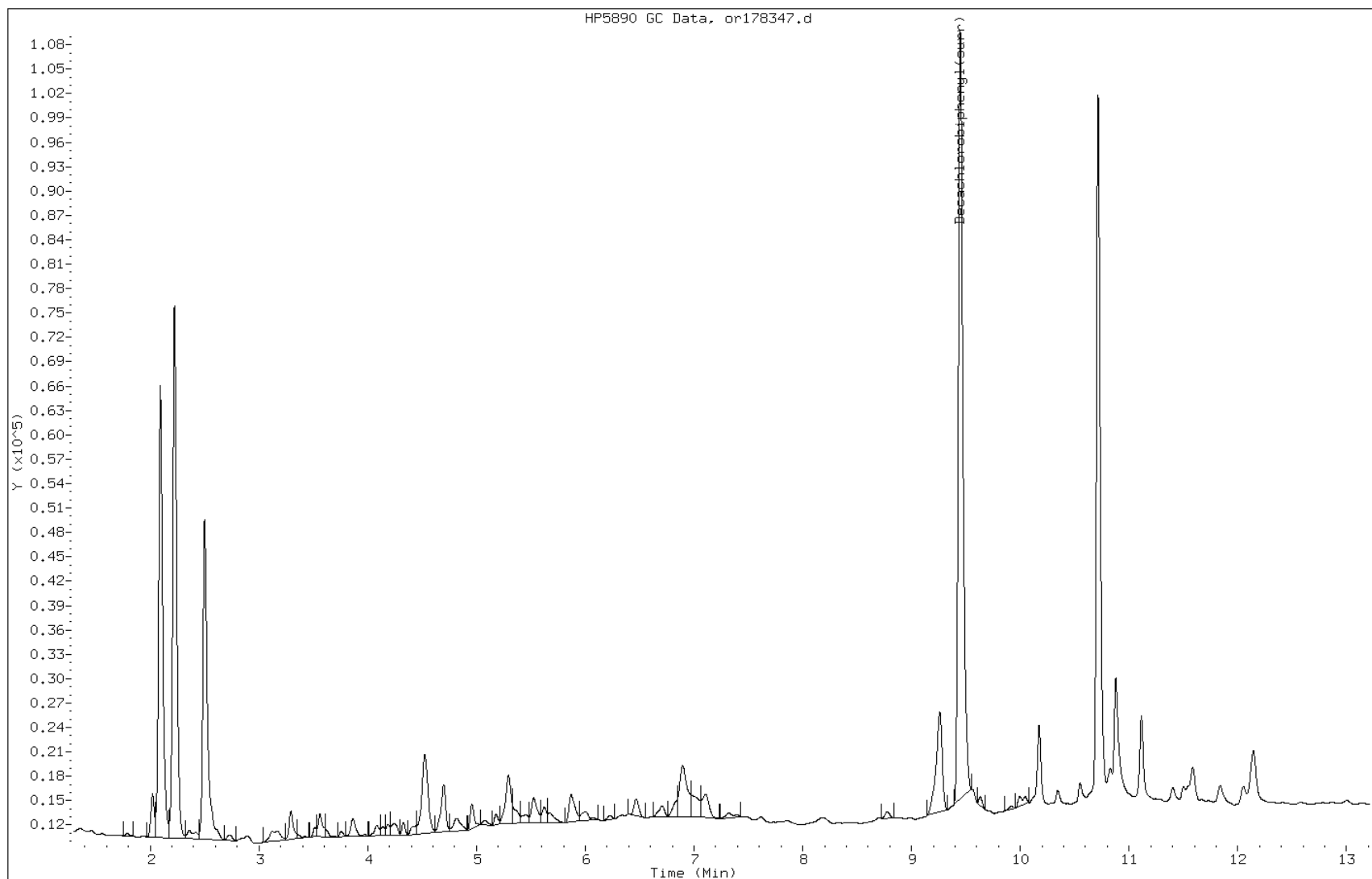
Date: 10-OCT-2011 16:50

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-6-B

Operator: 615

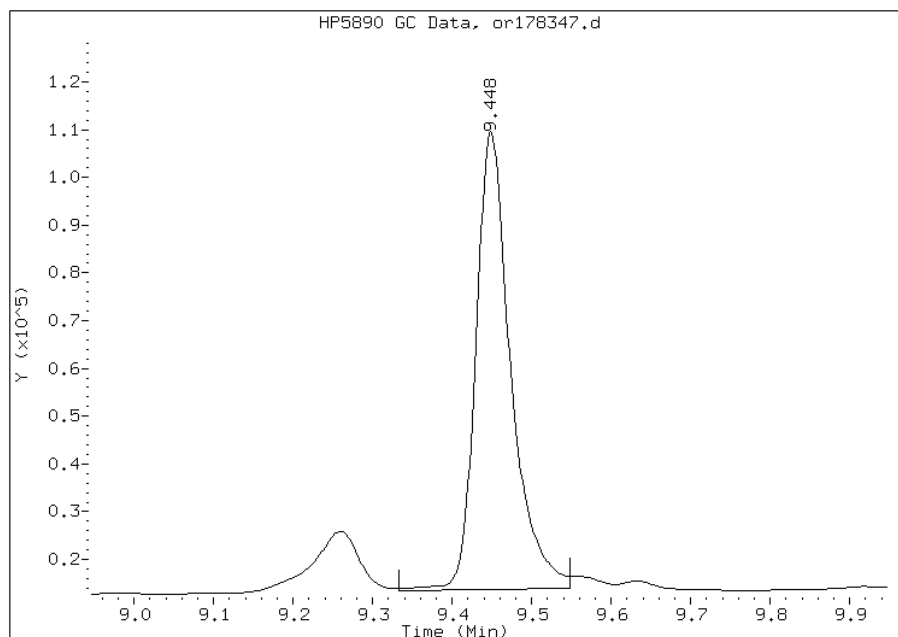


Manual Integration Report

Data File: or178347.d
Inj. Date and Time: 10-OCT-2011 16:50
Instrument ID: PESTGC7.i
Client ID: S0-17338-100511-MM-
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/12/2011

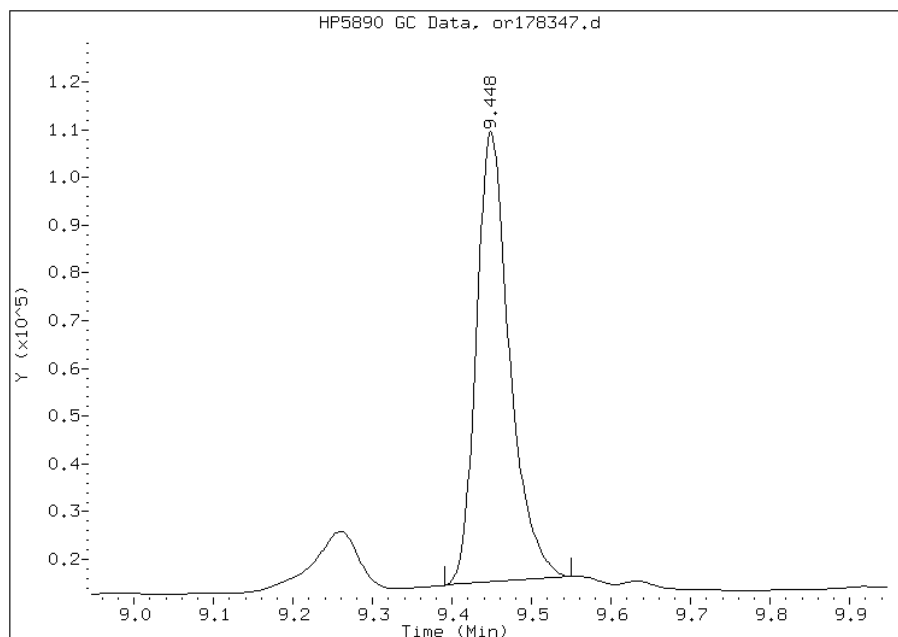
Processing Integration Results

RT: 9.45
Response: 293945
Amount: 93.43
Conc: 62.24



Manual Integration Results

RT: 9.45
Response: 274664
Amount: 87.30
Conc: 58.16



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
Matrix: Solid Lab File ID: of178348.d
Analysis Method: 8082 Date Collected: 10/05/2011 13:15
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.05(g) Date Analyzed: 10/10/2011 17:07
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 20.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89203 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		30-150

Data File: of178348.d
Report Date: 12-Oct-2011 12:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/of178348.d
Lab Smp Id: 460-32125-D-7-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 17:07
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-7-B
Misc Info : 460-32125-D-7-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/080f8082.m
Meth Date : 12-Oct-2011 12:32 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.598	10.597	0.001	152449	43.9869	29 80.00- 120.00	100.00

Data File: of178348.d

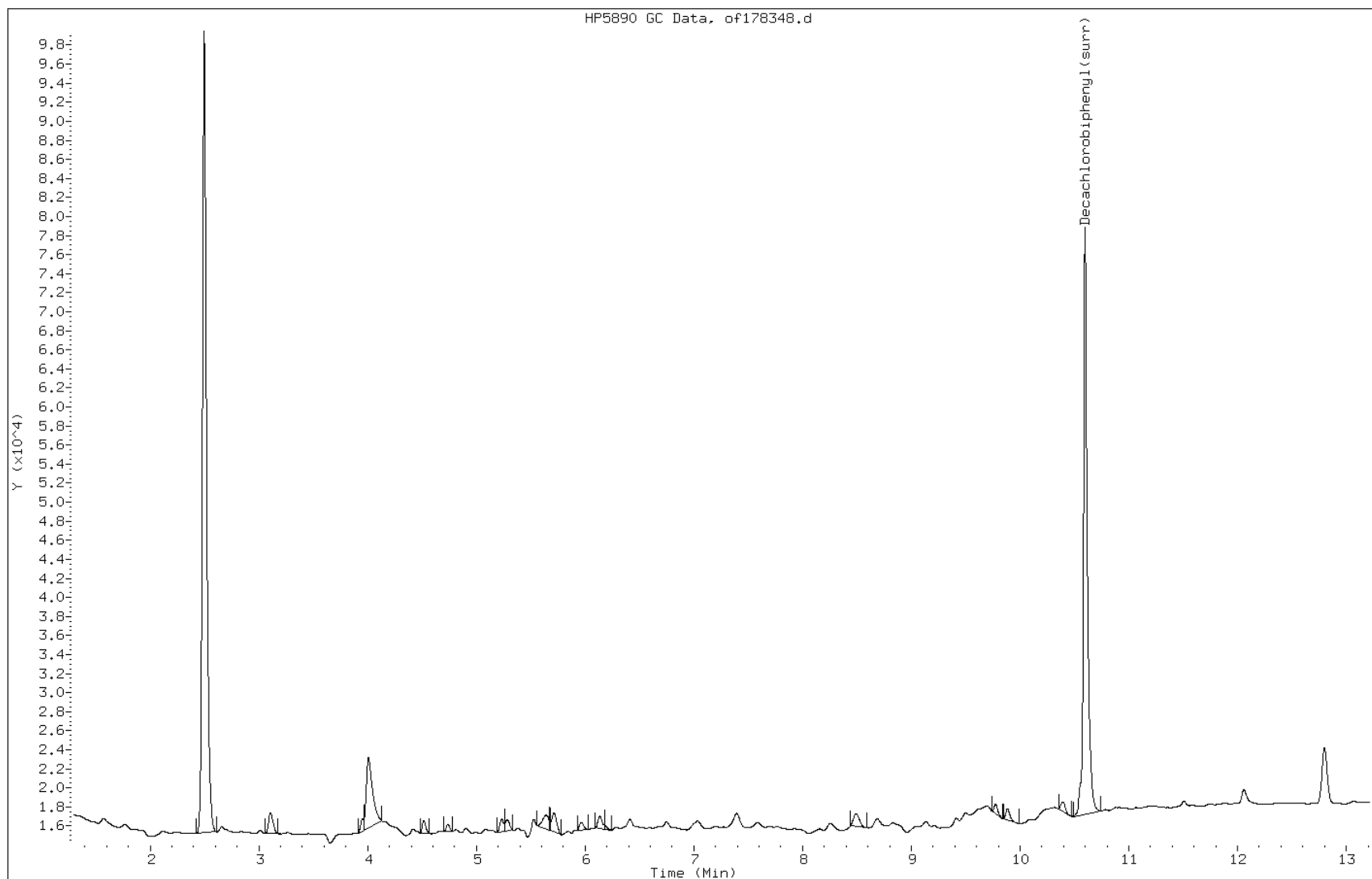
Date: 10-OCT-2011 17:07

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-7-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: SO-17338-100511-MM-146 Lab Sample ID: 460-32125-7
 Matrix: Solid Lab File ID: or178348.d
 Analysis Method: 8082 Date Collected: 10/05/2011 13:15
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.05(g) Date Analyzed: 10/10/2011 17:07
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 20.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89203 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	84	U	84	16
11104-28-2	PCB-1221	84	U	84	25
11141-16-5	PCB-1232	84	U	84	48
53469-21-9	PCB-1242	84	U	84	16
12672-29-6	PCB-1248	84	U	84	22
11097-69-1	PCB-1254	84	U	84	29
11096-82-5	PCB-1260	84	U	84	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/or178348.d
Lab Smp Id: 460-32125-D-7-B Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 17:07
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-7-B
Misc Info : 460-32125-D-7-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/080r8082.m
Meth Date : 12-Oct-2011 12:31 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.447	9.447	0.000	138616 44.0582	29	80.00- 120.00	100.00

Data File: or178348.d

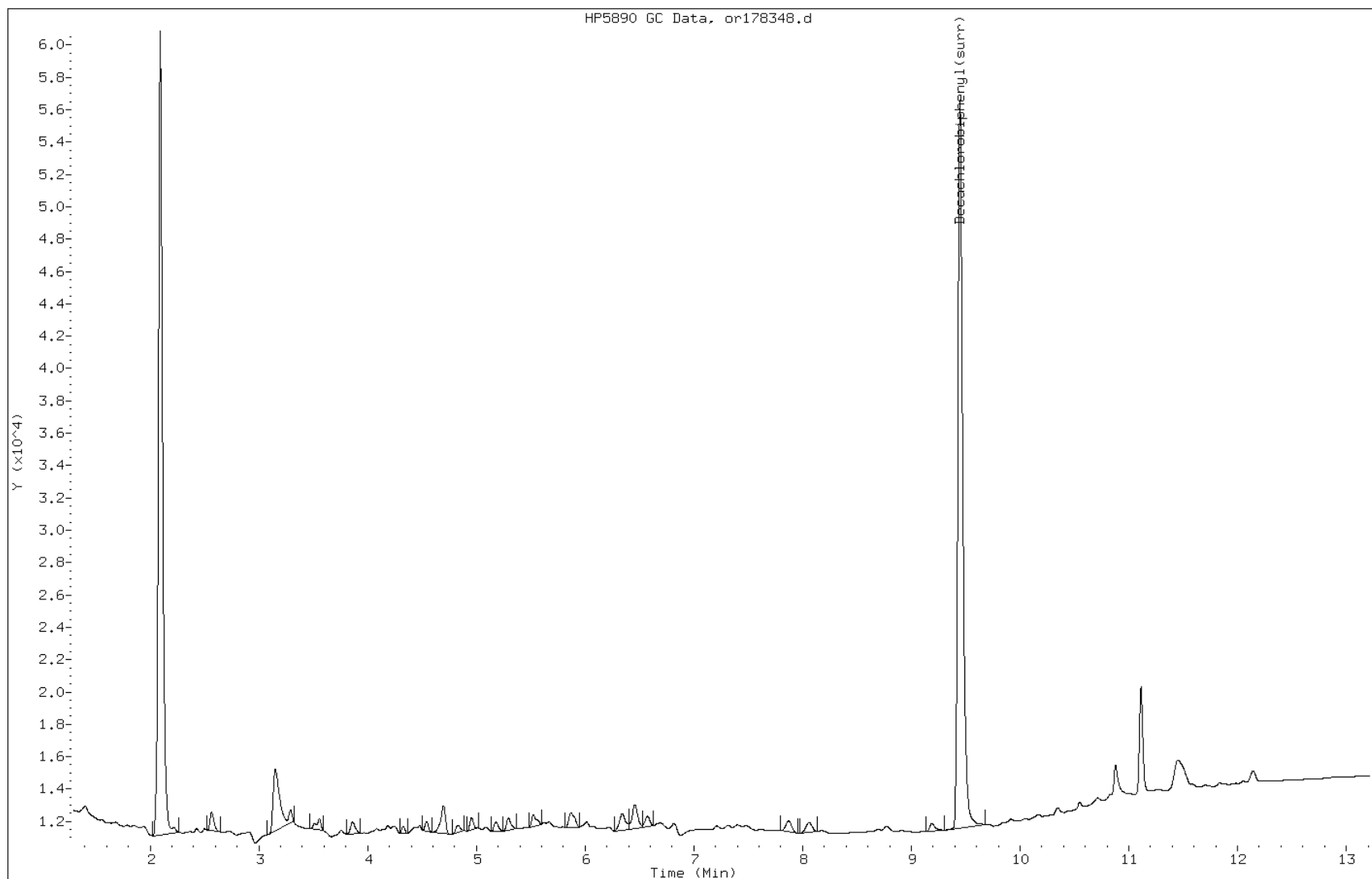
Date: 10-OCT-2011 17:07

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-7-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
Matrix: Solid Lab File ID: of178335.d
Analysis Method: 8082 Date Collected: 10/05/2011 14:00
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:25
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		30-150

Data File: of178335.d
Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178335.d
Lab Smp Id: 460-32125-D-8-D Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 13:25
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-8-D
Misc Info : 460-32125-D-8-D
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.598	10.598	0.000	164787	47.5468	32 80.00- 120.00	100.00

Data File: of178335.d

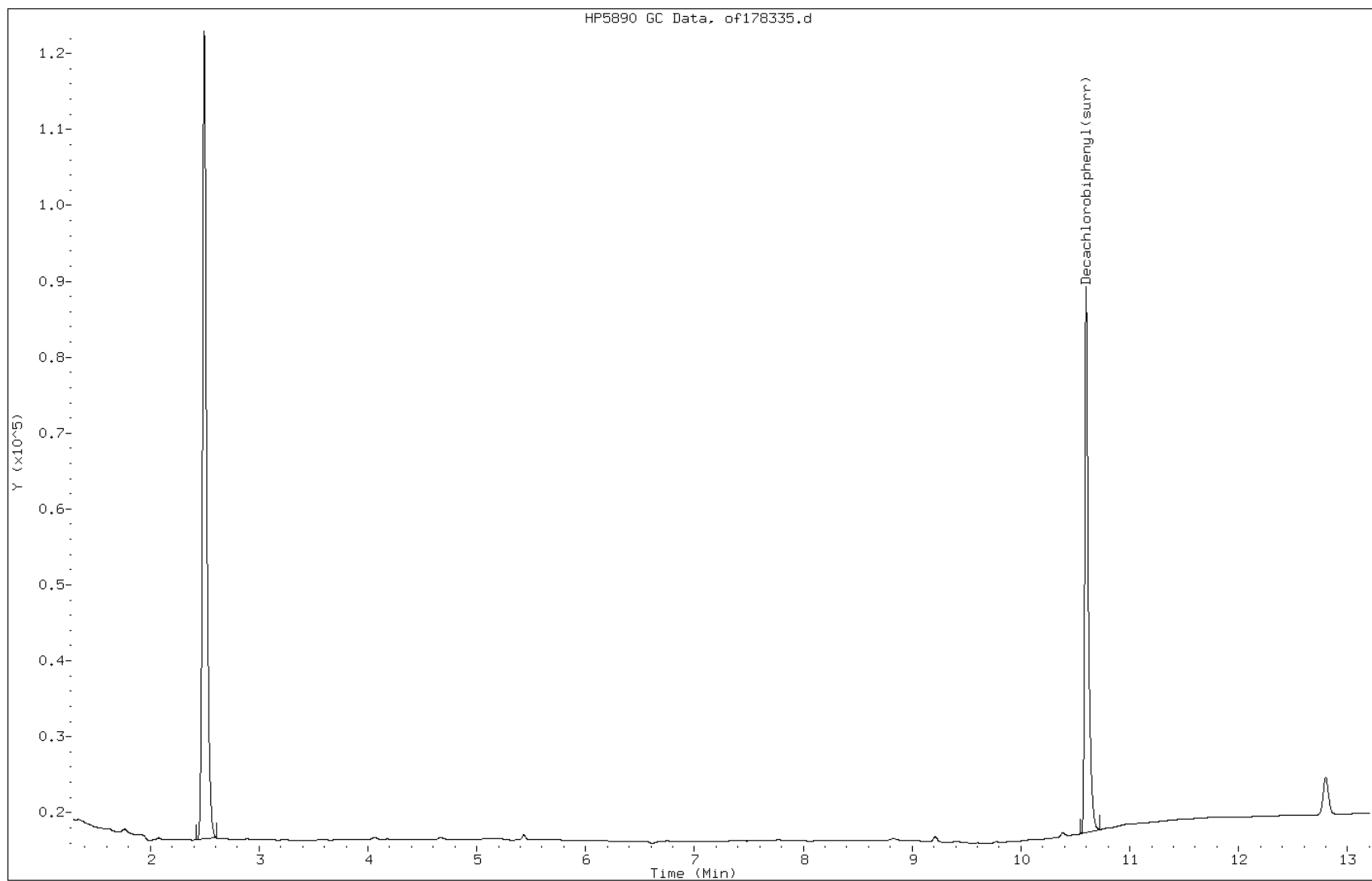
Date: 10-OCT-2011 13:25

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-D

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8
 Matrix: Solid Lab File ID: or178335.d
 Analysis Method: 8082 Date Collected: 10/05/2011 14:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:25
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	67	U	67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	67	U	67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178335.d
Lab Smp Id: 460-32125-D-8-D Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 13:25
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-8-D
Misc Info : 460-32125-D-8-D
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.447	9.447	0.000	180548	57.3860	38 80.00- 120.00	100.00

Data File: or178335.d

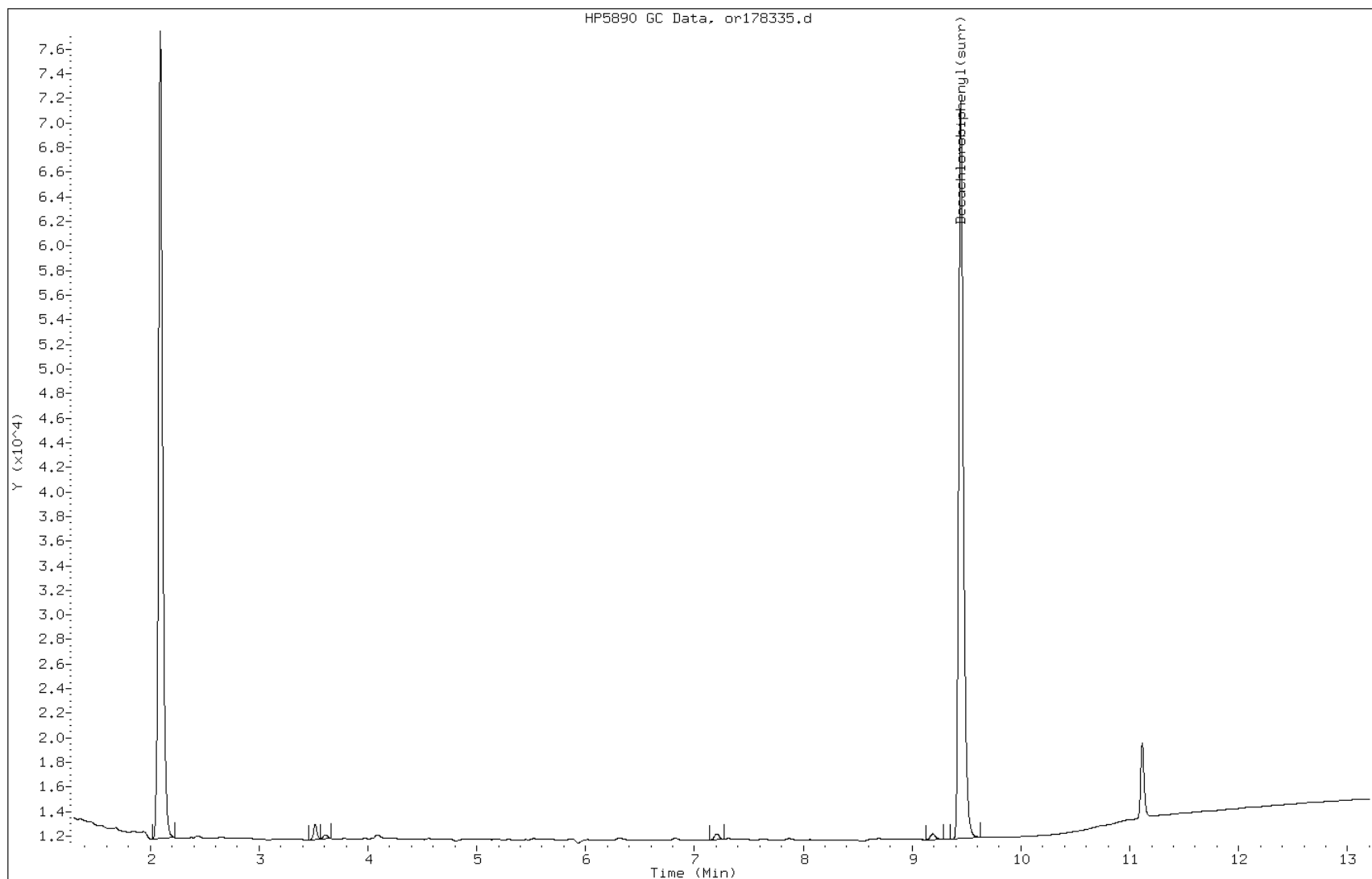
Date: 10-OCT-2011 13:25

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-D

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.998	2.998	2.997	2.997	2.997						2.927 - 3.067	2.997
PCB-1016 Peak 2	3.462	3.462	3.460	3.460	3.460						3.390 - 3.530	3.461
PCB-1016 Peak 3	3.743	3.743	3.742	3.742	3.742						3.672 - 3.812	3.742
PCB-1016 Peak 4	3.998	3.998	3.997	3.997	3.997						3.927 - 4.067	3.997
PCB-1016 Peak 5	4.165	4.165	4.163	4.165	4.163						4.093 - 4.233	4.164
PCB-1016 Peak 6	4.467	4.465	4.465	4.465	4.465						4.395 - 4.535	4.465
PCB-1016 Peak 7	5.283	5.282	5.282	5.282	5.282						5.212 - 5.352	5.282
PCB-1016 Peak 8	5.530	5.530	5.528	5.528	5.528						5.458 - 5.598	5.529
PCB-1260 Peak 1	6.417	6.417	6.415	6.415	6.415						6.345 - 6.485	6.416
PCB-1260 Peak 2	6.750	6.750	6.748	6.748	6.748						6.678 - 6.818	6.749
PCB-1260 Peak 3	7.392	7.392	7.390	7.390	7.390						7.320 - 7.460	7.391
PCB-1260 Peak 4	7.585	7.585	7.583	7.585	7.585						7.513 - 7.653	7.585
PCB-1260 Peak 5	7.698	7.700	7.698	7.698	7.698						7.628 - 7.768	7.699
PCB-1260 Peak 6	8.245	8.245	8.243	8.243	8.243						8.173 - 8.313	8.244
PCB-1260 Peak 7	9.412	9.412	9.412	9.412	9.410						9.342 - 9.482	9.411
PCB-1260 Peak 8	10.083	10.083	10.082	10.082	10.082						10.012 - 10.152	10.082
DCB Decachlorobiphenyl	10.600	10.600	10.600	10.600	10.600						10.500 - 10.700	10.600

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	114.58 108.64	127.64	118.69	117.79	Ave		117.469693				5.9		20.0			
PCB-1016 Peak 2	327.70 231.67	305.73	258.30	255.65	Ave		275.810573				14.3		20.0			
PCB-1016 Peak 3	126.77 110.50	132.88	119.09	120.07	Ave		121.862853				6.9		20.0			
PCB-1016 Peak 4	550.65 442.11	544.05	476.29	478.73	Ave		498.365813				9.4		20.0			
PCB-1016 Peak 5	232.88 190.67	231.90	206.00	206.60	Ave		213.608307				8.6		20.0			
PCB-1016 Peak 6	159.23 118.61	150.14	128.85	128.47	Ave		137.061947				12.3		20.0			
PCB-1016 Peak 7	141.54 122.49	149.48	136.35	133.14	Ave		136.598800				7.3		20.0			
PCB-1016 Peak 8	138.58 122.58	150.55	137.77	132.63	Ave		136.423213				7.4		20.0			
PCB-1260 Peak 1	375.47 290.73	370.63	336.97	322.24	Ave		339.207973				10.4		20.0			
PCB-1260 Peak 2	443.11 327.41	411.85	374.41	356.20	Ave		382.596453				11.9		20.0			
PCB-1260 Peak 3	520.58 492.46	614.21	554.84	533.52	Ave		543.122240				8.4		20.0			
PCB-1260 Peak 4	270.47 231.71	283.18	259.64	248.67	Ave		258.734547				7.7		20.0			
PCB-1260 Peak 5	153.67 139.39	162.64	152.19	147.87	Ave		151.149480				5.6		20.0			
PCB-1260 Peak 6	256.06 289.58	339.97	319.19	304.53	Ave		301.864573				10.5		20.0			
PCB-1260 Peak 7	434.49 357.34	421.91	398.25	373.57	Ave		397.110960				8.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	131.26 114.64	133.93	130.60	120.88	Ave		126.259747				6.5		20.0			
DCB Decachlorobiphenyl	3558.2 3235.5	3819.0	3357.9	3358.4	Ave		3465.78267				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11458	63821	118693	176686	271607	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	32770	152867	258299	383482	579163	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	12677	66440	119094	180109	276244	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	55065	272024	476292	718096	1105271	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	23288	115950	205997	309896	476668	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	15923	75070	128852	192710	296536	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	14154	74738	136348	199707	306230	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13858	75277	137773	198946	306446	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	37547	185316	336966	483361	726828	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	44311	205925	374412	534295	818534	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	52058	307104	554838	800283	1231158	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	27047	141590	259643	373004	579276	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	15367	81318	152187	221799	348471	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	25606	169984	319185	456802	723938	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	43449	210957	398246	560349	893347	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	13126	66963	130599	181313	286596	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	88954	190949	335788	503759	647100	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: of178199.d
Report Date: 04-Oct-2011 13:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178199.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-OCT-2011 09:50
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:40 shanthi
Cal Date : 04-OCT-2011 09:50
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178199.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.998	2.997	0.001	11458 100.000	98	80.00- 120.00	100.00(M)
3.462	3.460	0.002	32770 100.000	120	228.80- 343.20	286.00
3.743	3.742	0.001	12677 100.000	100	88.51- 132.77	110.64
3.998	3.997	0.001	55065 100.000	110	384.47- 576.70	480.58
4.165	4.163	0.002	23288 100.000	110	162.60- 243.90	203.25
4.467	4.465	0.002	15923 100.000	120	111.17- 166.76	138.97
5.283	5.282	0.001	14154 100.000	100	98.82- 148.24	123.53
5.530	5.528	0.002	13858 100.000	100	96.76- 145.14	120.95
Average of Peak Amounts =			108			
27 Aroclor-1260			CAS #: 11096-82-5			
6.417	6.415	0.002	37547 100.000	110	80.00- 120.00	100.00(M)

Data File: of178199.d
 Report Date: 04-Oct-2011 13:40

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.750	6.748	0.002	44311	100.000	120	94.41-	141.62	118.01	
7.392	7.390	0.002	52058	100.000	96	110.92-	166.38	138.65	
7.585	7.583	0.002	27047	100.000	100	57.63-	86.44	72.04	
7.698	7.698	0.000	15367	100.000	100	32.74-	49.11	40.93	
8.245	8.243	0.002	25606	100.000	85	54.56-	81.84	68.20	
9.412	9.412	0.000	43449	100.000	110	92.58-	138.86	115.72	
10.083	10.082	0.001	13126	100.000	100	27.97-	41.95	34.96	
Average of Peak Amounts =					103				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	88954	25.0000	26	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178199.d

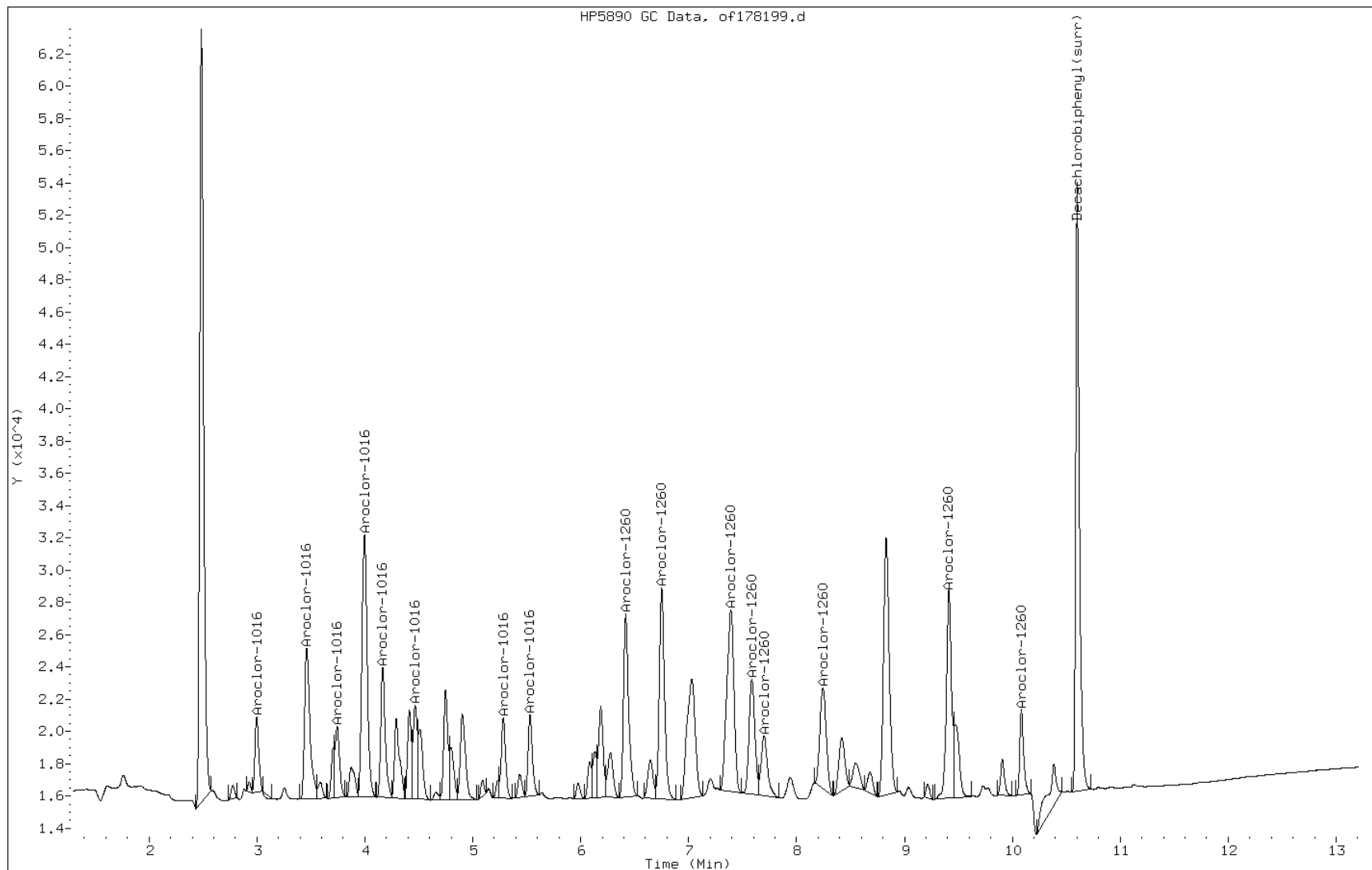
Date: 04-OCT-2011 09:50

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Data File: of178200.d
Report Date: 04-Oct-2011 13:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178200.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-OCT-2011 10:06
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:40 shanthi
Cal Date : 04-OCT-2011 10:06
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178200.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
21 Aroclor-1016						CAS #: 12674-11-2			
2.998	2.997	0.001		63821	500.000	540	80.00-	120.00	100.00
3.462	3.460	0.002		152867	500.000	550	191.62-	287.43	239.52
3.743	3.742	0.001		66440	500.000	540	83.28-	124.92	104.10
3.998	3.997	0.001		272024	500.000	540	340.98-	511.48	426.23
4.165	4.163	0.002		115950	500.000	540	145.34-	218.02	181.68
4.465	4.465	0.000		75070	500.000	550	94.10-	141.15	117.63
5.282	5.282	0.000		74738	500.000	550	93.68-	140.53	117.11
5.530	5.528	0.002		75277	500.000	550	94.36-	141.54	117.95
Average of Peak Amounts =						547			

27 Aroclor-1260						CAS #: 11096-82-5			
6.417	6.415	0.002		185316	500.000	550	80.00-	120.00	100.00(M)

Data File: of178200.d
 Report Date: 04-Oct-2011 13:40

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.750	6.748	0.002	205925	500.000	540	88.90-	133.35	111.12
7.392	7.390	0.002	307104	500.000	560	132.58-	198.86	165.72
7.585	7.583	0.002	141590	500.000	550	61.12-	91.69	76.40
7.700	7.698	0.002	81318	500.000	540	35.10-	52.66	43.88
8.245	8.243	0.002	169984	500.000	560	73.38-	110.07	91.73
9.412	9.412	0.000	210957	500.000	530	91.07-	136.60	113.84
10.083	10.082	0.001	66963	500.000	530	28.91-	43.36	36.13
Average of Peak Amounts =					545			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.600	10.600	0.000	190949	50.0000	55	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178200.d

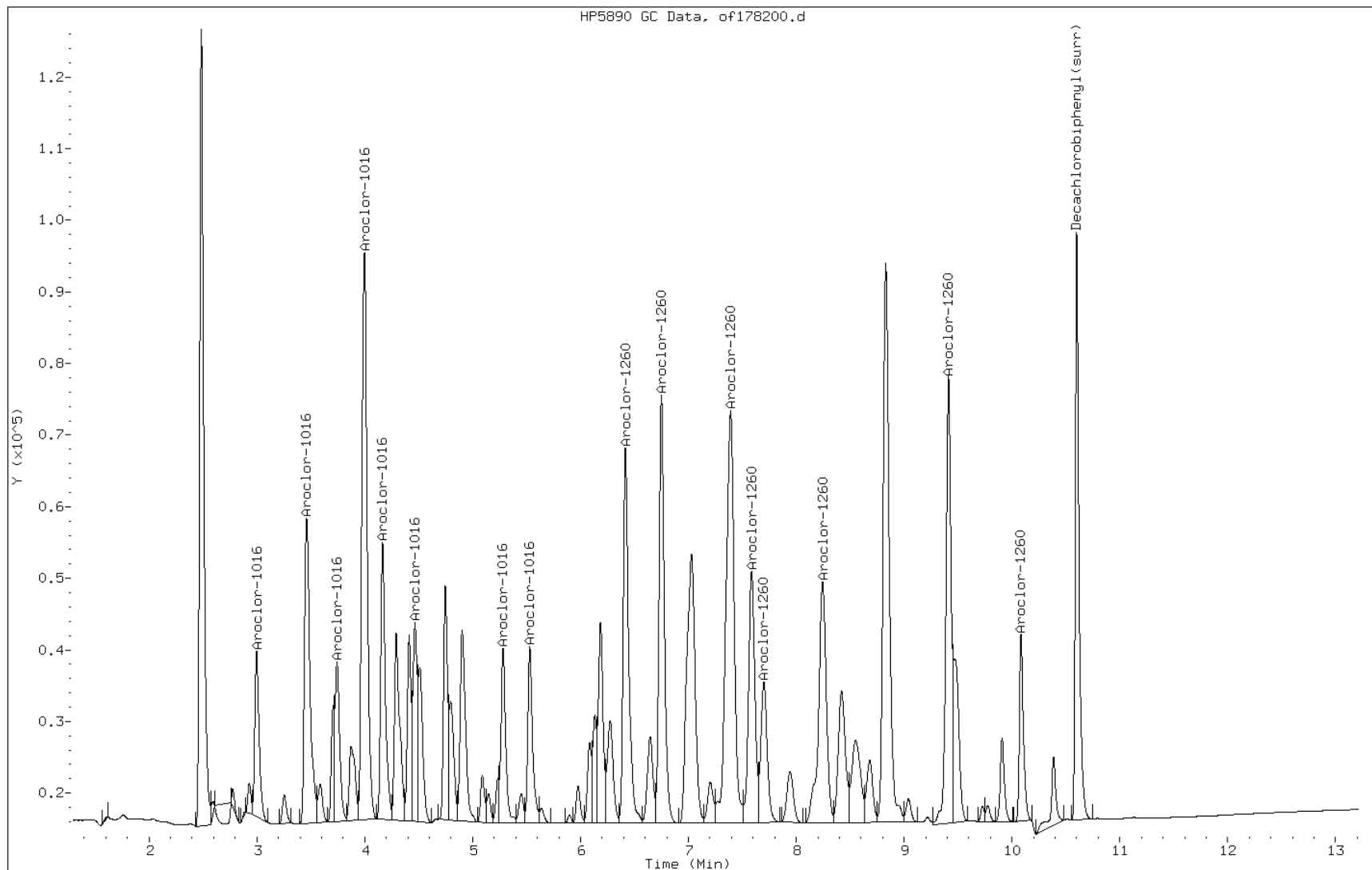
Date: 04-OCT-2011 10:06

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Data File: of178201.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178201.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-OCT-2011 10:23
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.997	2.997	0.000	118693	1000.00	1000	80.00-	120.00	100.00(M)	
3.460	3.460	0.000	258299	1000.00	940	174.10-	261.14	217.62	
3.742	3.742	0.000	119094	1000.00	980	80.27-	120.41	100.34	
3.997	3.997	0.000	476292	1000.00	960	321.02-	481.54	401.28	
4.163	4.163	0.000	205997	1000.00	960	138.84-	208.27	173.55	
4.465	4.465	0.000	128852	1000.00	940	86.85-	130.27	108.56	
5.282	5.282	0.000	136348	1000.00	1000	91.90-	137.85	114.87	
5.528	5.528	0.000	137773	1000.00	1000	92.86-	139.29	116.08	
Average of Peak Amounts =					974				

27 Aroclor-1260					CAS #: 11096-82-5				
6.415	6.415	0.000	336966	1000.00	990	80.00-	120.00	100.00(M)	

Data File: of178201.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	374412	1000.00	980	88.89-	133.34	111.11	
7.390	7.390	0.000	554838	1000.00	1000	131.73-	197.59	164.66	
7.583	7.583	0.000	259643	1000.00	1000	61.64-	92.46	77.05	
7.698	7.698	0.000	152187	1000.00	1000	36.13-	54.20	45.16	
8.243	8.243	0.000	319185	1000.00	1000	75.78-	113.67	94.72	
9.412	9.412	0.000	398246	1000.00	1000	94.55-	141.82	118.19	
10.082	10.082	0.000	130599	1000.00	1000	31.01-	46.51	38.76	
Average of Peak Amounts =					1.01e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	335788	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178201.d

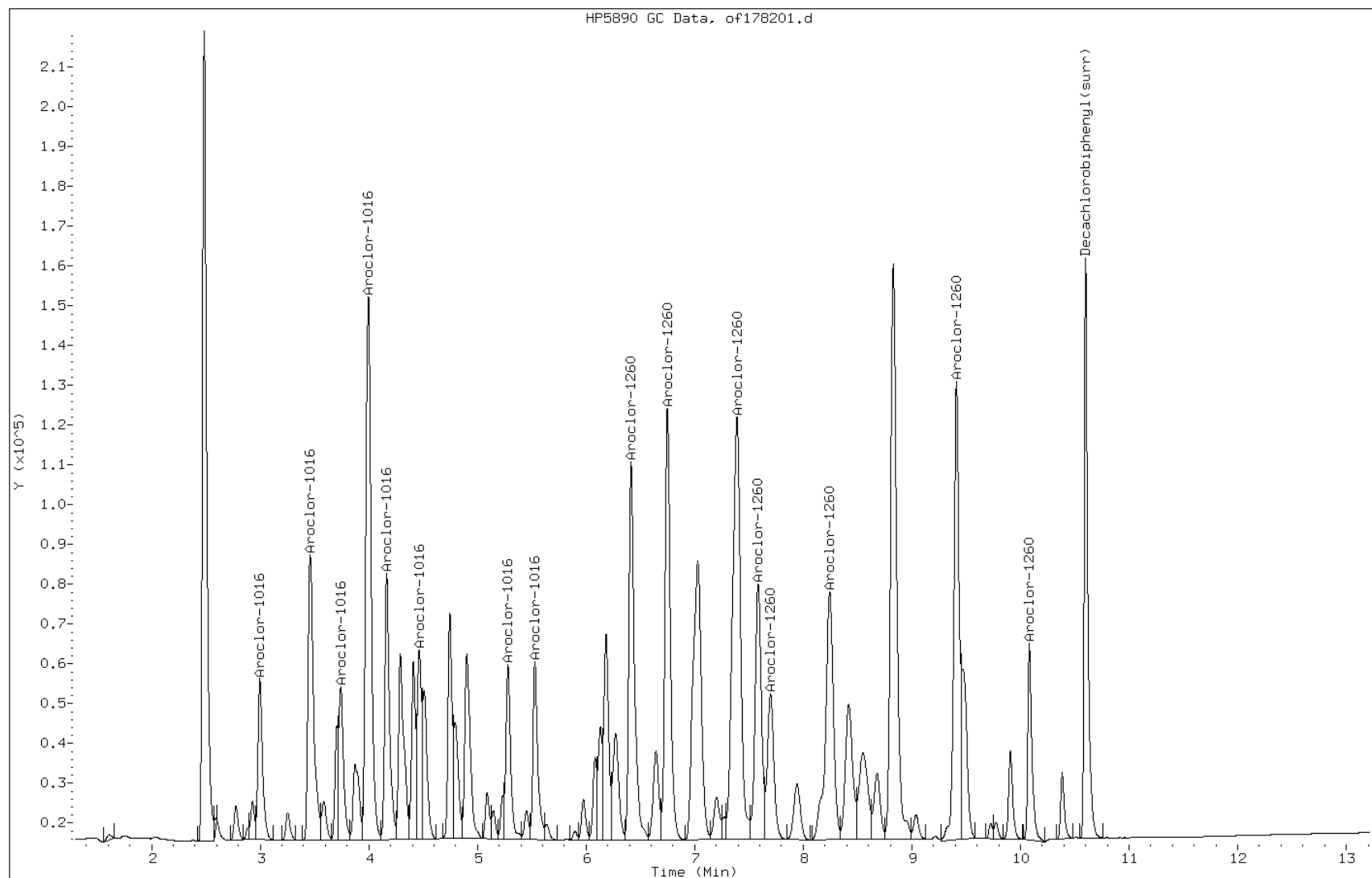
Date: 04-OCT-2011 10:23

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Data File: of178202.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178202.d
Lab Smp Id: ICSG1660L4_00010
Inj Date : 04-OCT-2011 10:39
Operator : 615
Smp Info : ICSG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 10:39
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178202.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.997	2.997	0.000	176686 1500.00	1500	80.00- 120.00	100.00(M)
3.460	3.460	0.000	383482 1500.00	1400	173.63- 260.45	217.04
3.742	3.742	0.000	180109 1500.00	1500	81.55- 122.32	101.94
3.997	3.997	0.000	718096 1500.00	1400	325.14- 487.71	406.42
4.165	4.163	0.002	309896 1500.00	1400	140.31- 210.47	175.39
4.465	4.465	0.000	192710 1500.00	1400	87.26- 130.88	109.07
5.282	5.282	0.000	199707 1500.00	1500	90.42- 135.64	113.03
5.528	5.528	0.000	198946 1500.00	1400	90.08- 135.12	112.60
Average of Peak Amounts =			1.45e+03			

27 Aroclor-1260			CAS #: 11096-82-5			
6.415	6.415	0.000	483361 1500.00	1400	80.00- 120.00	100.00(M)

Data File: of178202.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	534295	1500.00	1400	88.43-	132.64	110.54	
7.390	7.390	0.000	800283	1500.00	1500	132.45-	198.68	165.57	
7.585	7.583	0.002	373004	1500.00	1400	61.74-	92.60	77.17	
7.698	7.698	0.000	221799	1500.00	1500	36.71-	55.06	45.89	
8.243	8.243	0.000	456802	1500.00	1500	75.60-	113.41	94.51	
9.412	9.412	0.000	560349	1500.00	1400	92.74-	139.11	115.93	
10.082	10.082	0.000	181313	1500.00	1400	30.01-	45.01	37.51	
Average of Peak Amounts =					1.45e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	503759	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178202.d

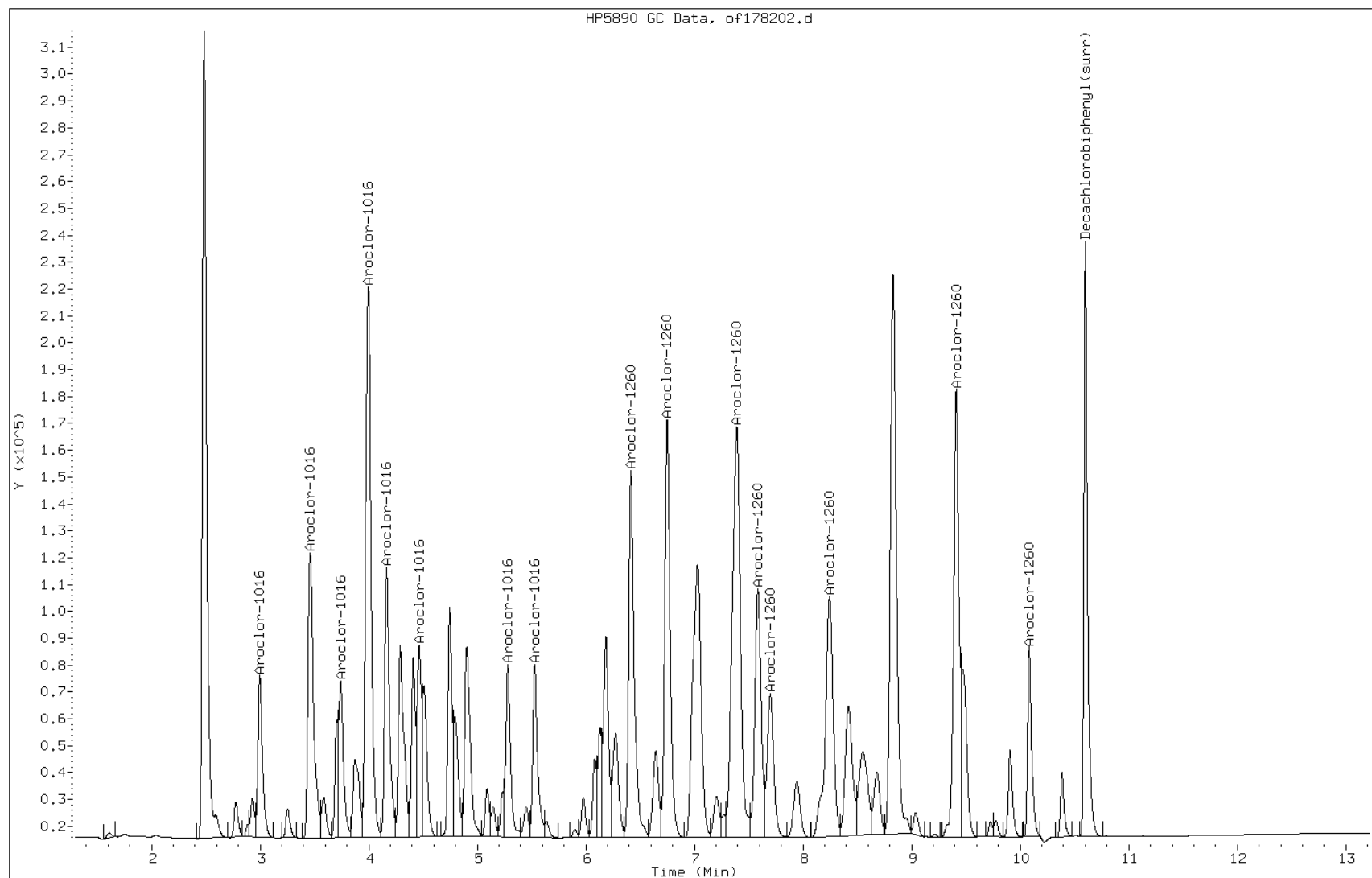
Date: 04-OCT-2011 10:39

Client ID:

Instrument: PESTGC7.i

Sample Info: ICSG1660L4_00010

Operator: 615



Data File: of178203.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178203.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-OCT-2011 10:56
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 10:56
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178203.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
21 Aroclor-1016						CAS #: 12674-11-2			
2.997	2.997	0.000		271607	2500.00	2300	80.00-	120.00	100.00
3.460	3.460	0.000		579163	2500.00	2100	170.59-	255.88	213.24
3.742	3.742	0.000		276244	2500.00	2300	81.37-	122.05	101.71
3.997	3.997	0.000		1105271	2500.00	2200	325.55-	488.33	406.94
4.163	4.163	0.000		476668	2500.00	2200	140.40-	210.60	175.50
4.465	4.465	0.000		296536	2500.00	2200	87.34-	131.01	109.18
5.282	5.282	0.000		306230	2500.00	2200	90.20-	135.30	112.75
5.528	5.528	0.000		306446	2500.00	2200	90.26-	135.39	112.83
Average of Peak Amounts =						2.22e+03			

27 Aroclor-1260						CAS #: 11096-82-5			
6.415	6.415	0.000		726828	2500.00	2100	80.00-	120.00	100.00(M)

Data File: of178203.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL -AMT	ON -COL	TARGET	RANGE	RATIO	
				(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	818534	2500.00	2100	90.09-	135.14	112.62	
7.390	7.390	0.000	1231158	2500.00	2300	135.51-	203.27	169.39	
7.585	7.583	0.002	579276	2500.00	2200	63.76-	95.64	79.70	
7.698	7.698	0.000	348471	2500.00	2300	38.36-	57.53	47.94	
8.243	8.243	0.000	723938	2500.00	2400	79.68-	119.52	99.60	
9.410	9.412	-0.002	893347	2500.00	2200	98.33-	147.49	122.91	
10.082	10.082	0.000	286596	2500.00	2300	31.54-	47.32	39.43	
Average of Peak Amounts =					2.25e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	647100	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178203.d

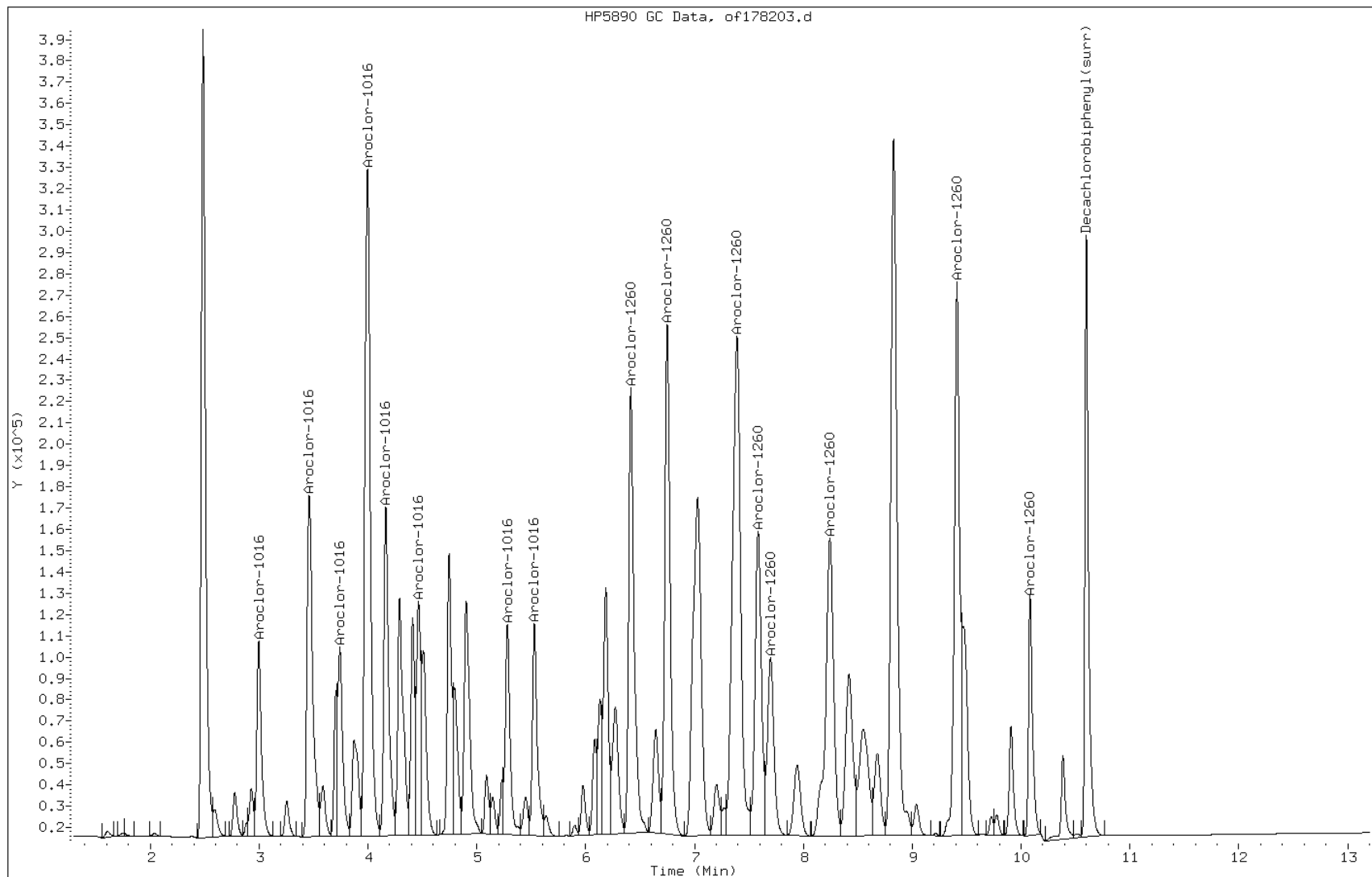
Date: 04-OCT-2011 10:56

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L5_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.382	2.380	2.380	2.380	2.380						2.310 - 2.450	2.380
PCB-1016 Peak 2	2.712	2.710	2.710	2.710	2.710						2.640 - 2.780	2.710
PCB-1016 Peak 3	2.905	2.905	2.903	2.903	2.903						2.833 - 2.973	2.904
PCB-1016 Peak 4	3.168	3.168	3.168	3.168	3.167						3.098 - 3.238	3.168
PCB-1016 Peak 5	3.313	3.313	3.313	3.312	3.312						3.243 - 3.383	3.313
PCB-1016 Peak 6	3.375	3.375	3.375	3.373	3.373						3.305 - 3.445	3.374
PCB-1016 Peak 7	3.512	3.527	3.528	3.525	3.522						3.458 - 3.598	3.523
PCB-1016 Peak 8	3.755	3.755	3.755	3.753	3.753						3.685 - 3.825	3.754
PCB-1260 Peak 1	5.180	5.178	5.178	5.177	5.178						5.108 - 5.248	5.178
PCB-1260 Peak 2	5.523	5.522	5.522	5.522	5.520						5.452 - 5.592	5.522
PCB-1260 Peak 3	5.868	5.868	5.868	5.867	5.867						5.798 - 5.938	5.868
PCB-1260 Peak 4	6.017	6.015	6.015	6.015	6.013						5.945 - 6.085	6.015
PCB-1260 Peak 5	6.347	6.347	6.347	6.345	6.345						6.277 - 6.417	6.346
PCB-1260 Peak 6	7.320	7.320	7.320	7.318	7.318						7.250 - 7.390	7.319
PCB-1260 Peak 7	7.483	7.483	7.485	7.483	7.483						7.415 - 7.555	7.484
PCB-1260 Peak 8	8.702	8.702	8.702	8.702	8.700						8.632 - 8.772	8.701
DCB Decachlorobiphenyl	9.453	9.453	9.453	9.452	9.452						9.353 - 9.553	9.453

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	119.85 81.415	105.33	88.854	89.633	Ave		97.0165067				15.9		20.0			
PCB-1016 Peak 2	173.97 132.02	174.98	147.50	145.37	Ave		154.767440				12.2		20.0			
PCB-1016 Peak 3	98.430 99.609	121.97	105.83	106.85	Ave		106.536573				8.8		20.0			
PCB-1016 Peak 4	349.09 293.37	360.18	313.35	315.66	Ave		326.329027				8.4		20.0			
PCB-1016 Peak 5	136.71 110.57	140.04	120.21	119.42	Ave		125.389893				10.0		20.0			
PCB-1016 Peak 6	80.460 86.363	98.984	88.535	91.867	Ave		89.2418267				7.7		20.0			
PCB-1016 Peak 7	206.21 135.73	174.23	146.53	139.71	Ave		160.483613				18.5		20.0			
PCB-1016 Peak 8	141.49 114.46	144.43	123.81	125.08	Ave		129.853973				9.8		20.0			
PCB-1260 Peak 1	221.88 163.04	206.02	186.10	176.37	Ave		190.683187				12.3		20.0			
PCB-1260 Peak 2	393.98 292.50	362.77	332.49	316.91	Ave		339.728507				11.7		20.0			
PCB-1260 Peak 3	355.37 287.39	344.82	319.72	307.88	Ave		323.037040				8.5		20.0			
PCB-1260 Peak 4	174.78 129.91	161.22	148.16	139.47	Ave		150.709373				11.8		20.0			
PCB-1260 Peak 5	187.23 222.07	171.57	158.44	151.20	Ave		178.100547				15.8		20.0			
PCB-1260 Peak 6	202.34 190.03	215.84	206.25	201.49	Ave		203.189773				4.6		20.0			
PCB-1260 Peak 7	109.81 104.02	111.19	111.63	109.41	Ave		109.210280				2.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	90.170 101.76	111.92	108.16	106.51	Ave		103.703747				8.1		20.0			
DCB Decachlorobiphenyl	3184.2 2934.2	3454.0	3069.7	3088.8	Ave		3146.20100				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11985	52665	88854	134450	203538	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	17397	87489	147496	218061	330048	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9843	60984	105827	160273	249023	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	34909	180088	313349	473495	733417	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	13671	70019	120214	179131	276417	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	8046	49492	88535	137801	215907	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	20621	87115	146533	209569	339331	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	14149	72216	123806	187627	286143	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	22188	103010	186103	264554	407609	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	39398	181383	332490	475367	731238	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	35537	172412	319724	461820	718468	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	17478	80611	148161	209209	324778	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	18723	85783	158441	226796	555171	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	20234	107919	206253	302230	475078	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	10981	55593	111625	164118	260046	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	9017	55960	108155	159767	254406	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	79605	172700	306972	463326	586849	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178199.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-OCT-2011 09:50
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.382	2.380	0.002	11985 100.000	120 80.00- 120.00	100.00(M)	
2.712	2.710	0.002	17397 100.000	110 129.72- 194.59	145.16	
2.905	2.903	0.002	9843 100.000	92 97.88- 146.82	82.13	
3.168	3.168	0.000	34909 100.000	110 288.27- 432.40	291.27	
3.313	3.313	0.000	13671 100.000	110 108.64- 162.97	114.07	
3.375	3.375	0.000	8046 100.000	90 84.86- 127.29	67.13	
3.512	3.528	-0.016	20621 100.000	130 133.37- 200.06	172.06	
3.755	3.755	0.000	14149 100.000	110 112.47- 168.70	118.06	
Average of Peak Amounts =			109			
27 Aroclor-1260			CAS #: 11096-82-5			
5.180	5.178	0.002	22188 100.000	120 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.523	5.522	0.001	39398	100.000	120	143.52-	215.28	177.56	
5.868	5.868	0.000	35537	100.000	110	141.01-	211.52	160.16	
6.017	6.015	0.002	17478	100.000	120	63.74-	95.61	78.77	
6.347	6.347	0.000	18723	100.000	100	108.96-	163.44	84.38	
7.320	7.320	0.000	20234	100.000	100	93.24-	139.86	91.19	
7.483	7.485	-0.002	10981	100.000	100	51.04-	76.56	49.49	
8.702	8.702	0.000	9017	100.000	87	49.93-	74.90	40.64	
Average of Peak Amounts =					106				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	79605	25.0000	25	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178199.d

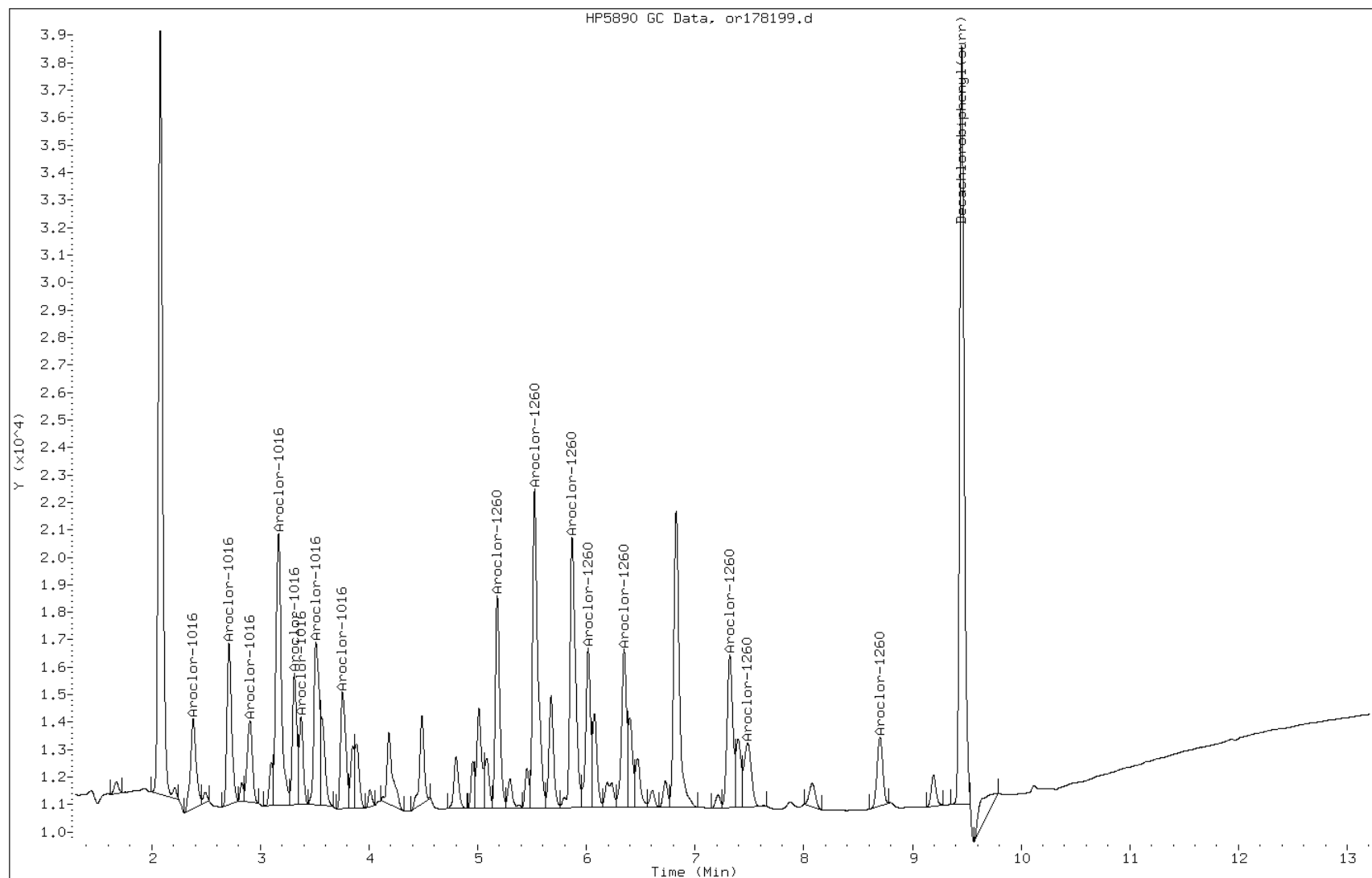
Date: 04-OCT-2011 09:50

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Manual Integration Report

Data File: or178199.d
Inj. Date and Time: 04-OCT-2011 09:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2011

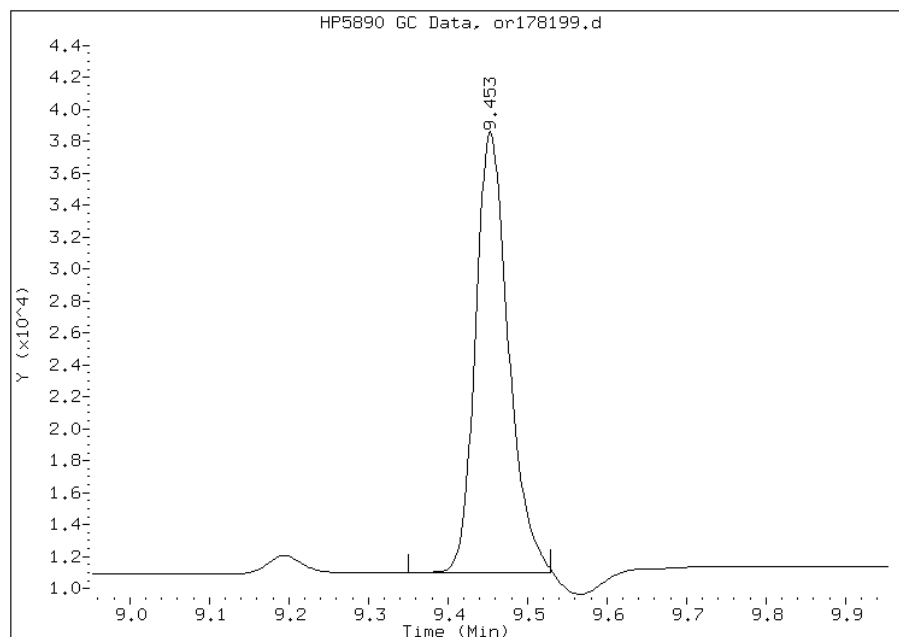
Processing Integration Results

Not Detected

Expected RT: 9.45

Manual Integration Results

RT: 9.45
Response: 79605
Amount: 25.30
Conc: 25.30



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178200.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-OCT-2011 10:06
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.380	2.380	0.000	52665 500.000	540 80.00- 120.00	100.00(M)	
2.710	2.710	0.000	87489 500.000	560 129.72- 194.59	166.12	
2.905	2.903	0.002	60984 500.000	570 97.88- 146.82	115.80	
3.168	3.168	0.000	180088 500.000	550 288.27- 432.40	341.95	
3.313	3.313	0.000	70019 500.000	560 108.64- 162.97	132.95	
3.375	3.375	0.000	49492 500.000	550 84.86- 127.29	93.98	
3.527	3.528	-0.001	87115 500.000	540 133.37- 200.06	165.41	
3.755	3.755	0.000	72216 500.000	560 112.47- 168.70	137.12	
Average of Peak Amounts =			556			
27 Aroclor-1260			CAS #: 11096-82-5			
5.178	5.178	0.000	103010 500.000	540 80.00- 120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.522	5.522	0.000	181383	500.000	530	143.52-	215.28	176.08	
5.868	5.868	0.000	172412	500.000	530	141.01-	211.52	167.37	
6.015	6.015	0.000	80611	500.000	530	63.74-	95.61	78.26	
6.347	6.347	0.000	85783	500.000	480	108.96-	163.44	83.28	
7.320	7.320	0.000	107919	500.000	530	93.24-	139.86	104.77	
7.483	7.485	-0.002	55593	500.000	510	51.04-	76.56	53.97	
8.702	8.702	0.000	55960	500.000	540	49.93-	74.90	54.32	
Average of Peak Amounts =					526				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	172700	50.0000	55	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: or178200.d
Inj. Date and Time: 04-OCT-2011 10:06
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2011

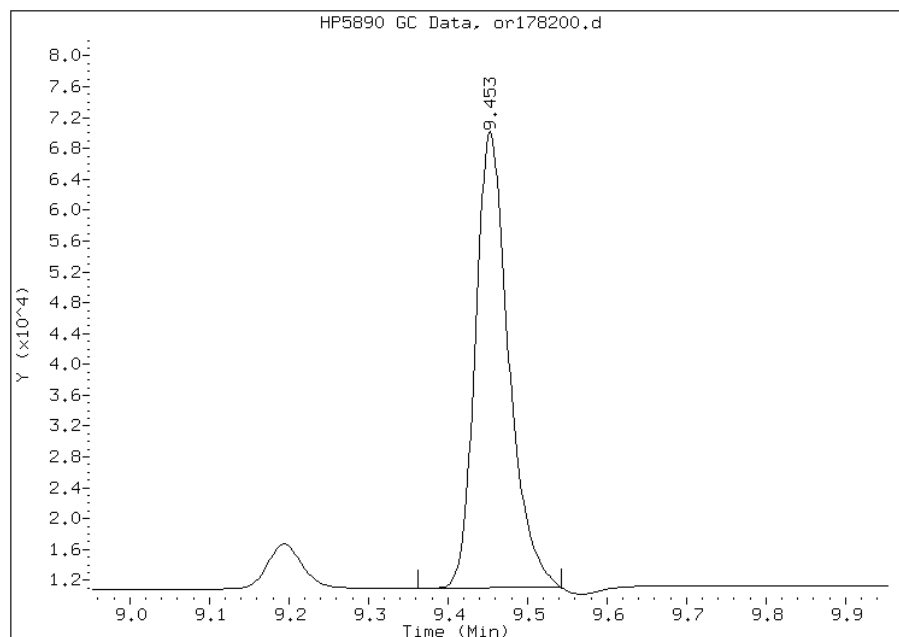
Processing Integration Results

Not Detected

Expected RT: 9.45

Manual Integration Results

RT: 9.45
Response: 172700
Amount: 54.89
Conc: 54.89



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178201.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-OCT-2011 10:23
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.380	2.380	0.000	88854 1000.00	920 80.00-	120.00	100.00(M)
2.710	2.710	0.000	147496 1000.00	950 129.72-	194.59	166.00
2.903	2.903	0.000	105827 1000.00	990 97.88-	146.82	119.10
3.168	3.168	0.000	313349 1000.00	960 288.27-	432.40	352.66
3.313	3.313	0.000	120214 1000.00	960 108.64-	162.97	135.29
3.375	3.375	0.000	88535 1000.00	990 84.86-	127.29	99.64
3.528	3.528	0.000	146533 1000.00	910 133.37-	200.06	164.91
3.755	3.755	0.000	123806 1000.00	950 112.47-	168.70	139.34
Average of Peak Amounts =				955		
27 Aroclor-1260				CAS #: 11096-82-5		
5.178	5.178	0.000	186103 1000.00	980 80.00-	120.00	100.00

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)									
5.522	5.522	0.000	332490	1000.00	980	143.52- 215.28	178.66		
5.868	5.868	0.000	319724	1000.00	990	141.01- 211.52	171.80		
6.015	6.015	0.000	148161	1000.00	980	63.74- 95.61	79.61		
6.347	6.347	0.000	158441	1000.00	890	108.96- 163.44	85.14		
7.320	7.320	0.000	206253	1000.00	1000	93.24- 139.86	110.83		
7.485	7.485	0.000	111625	1000.00	1000	51.04- 76.56	59.98		
8.702	8.702	0.000	108155	1000.00	1000	49.93- 74.90	58.12		
Average of Peak Amounts =					987				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	306972	100.000	98	80.00- 120.00	100.00		

QC Flag Legend

M - Compound response manually integrated.

Data File: or178201.d

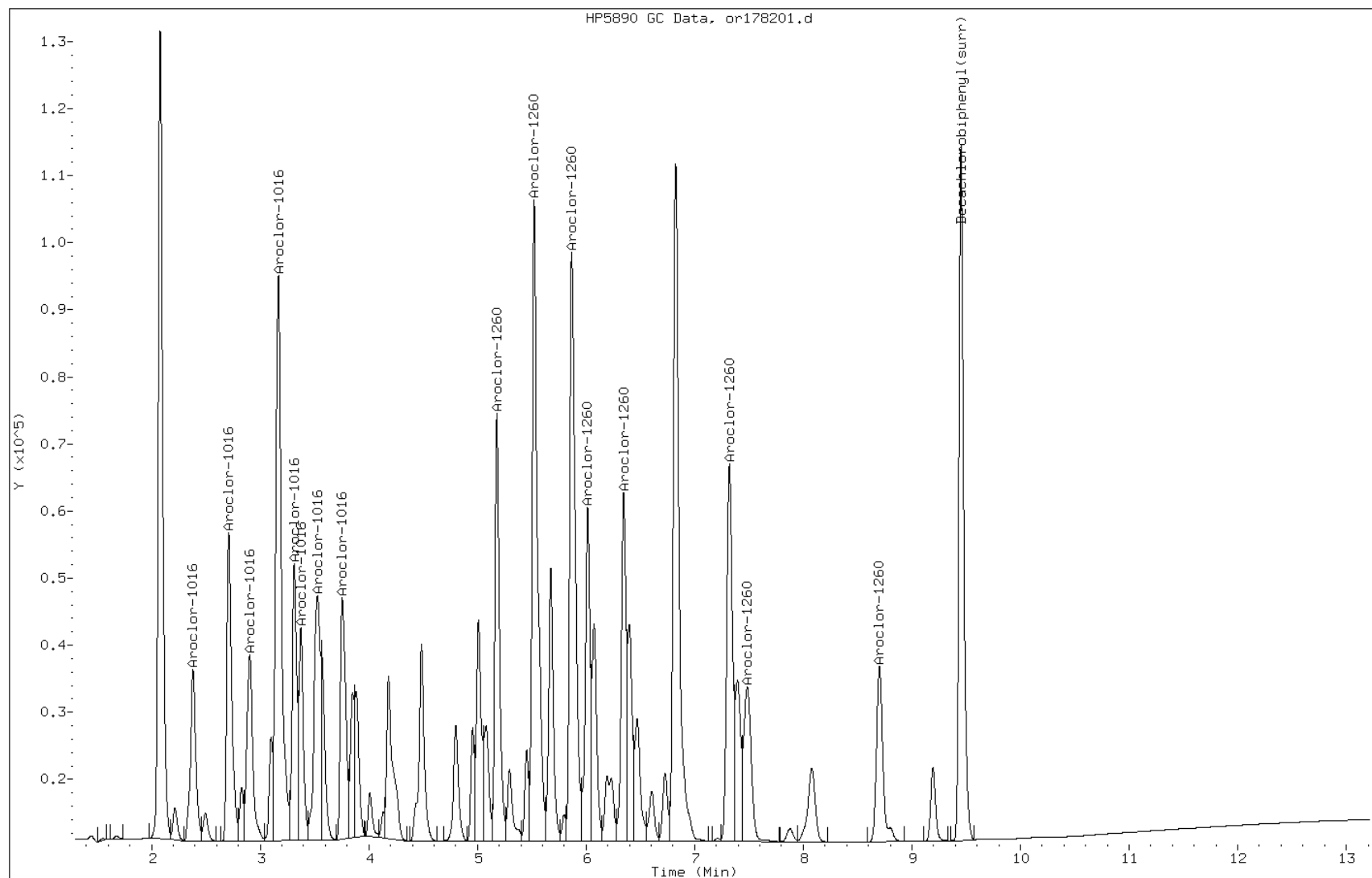
Date: 04-OCT-2011 10:23

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178202.d
Lab Smp Id: ICSG1660L4_00010
Inj Date : 04-OCT-2011 10:39
Operator : 615
Smp Info : ICSG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.380	2.380	0.000	134450 1500.00	1400 80.00- 120.00	100.00(M)	
2.710	2.710	0.000	218061 1500.00	1400 129.72- 194.59	162.19	
2.903	2.903	0.000	160273 1500.00	1500 97.88- 146.82	119.21	
3.168	3.168	0.000	473495 1500.00	1400 288.27- 432.40	352.17	
3.312	3.313	-0.001	179131 1500.00	1400 108.64- 162.97	133.23	
3.373	3.375	-0.002	137801 1500.00	1500 84.86- 127.29	102.49	
3.525	3.528	-0.003	209569 1500.00	1300 133.37- 200.06	155.87	
3.753	3.755	-0.002	187627 1500.00	1400 112.47- 168.70	139.55	
Average of Peak Amounts =			1.43e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.177	5.178	-0.001	264554 1500.00	1400 80.00- 120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.522	5.522	0.000	475367	1500.00	1400	143.52-	215.28	179.69	
5.867	5.868	-0.001	461820	1500.00	1400	141.01-	211.52	174.57	
6.015	6.015	0.000	209209	1500.00	1400	63.74-	95.61	79.08	
6.345	6.347	-0.002	226796	1500.00	1300	108.96-	163.44	85.73	
7.318	7.320	-0.002	302230	1500.00	1500	93.24-	139.86	114.24	
7.483	7.485	-0.002	164118	1500.00	1500	51.04-	76.56	62.04	
8.702	8.702	0.000	159767	1500.00	1500	49.93-	74.90	60.39	
Average of Peak Amounts =					1.43e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.452	9.453	-0.001	463326	150.000	150	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178202.d

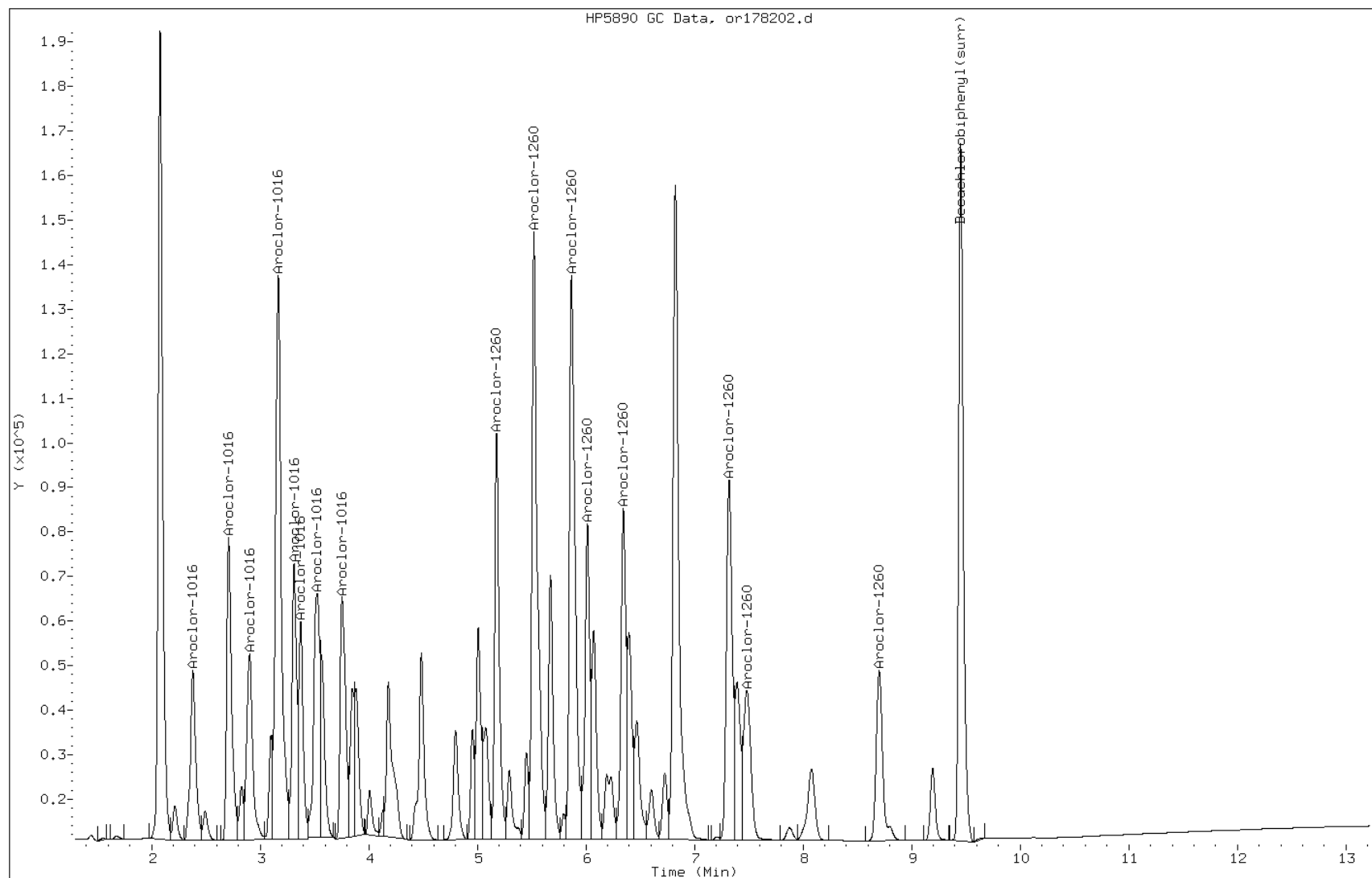
Date: 04-OCT-2011 10:39

Client ID:

Instrument: PESTGC7.i

Sample Info: ICSG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178203.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-OCT-2011 10:56
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.380	2.380	0.000	203538 2500.00	2100 80.00- 120.00	100.00(M)	
2.710	2.710	0.000	330048 2500.00	2100 129.72- 194.59	162.16	
2.903	2.903	0.000	249023 2500.00	2300 97.88- 146.82	122.35	
3.167	3.168	-0.001	733417 2500.00	2200 288.27- 432.40	360.33	
3.312	3.313	-0.001	276417 2500.00	2200 108.64- 162.97	135.81	
3.373	3.375	-0.002	215907 2500.00	2400 84.86- 127.29	106.08	
3.522	3.528	-0.006	339331 2500.00	2100 133.37- 200.06	166.72	
3.753	3.755	-0.002	286143 2500.00	2200 112.47- 168.70	140.58	
Average of Peak Amounts =			2.22e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.178	5.178	0.000	407609 2500.00	2100 80.00- 120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.520	5.522	-0.002	731238	2500.00	2200	143.52-	215.28	179.40	
5.867	5.868	-0.001	718468	2500.00	2200	141.01-	211.52	176.26	
6.013	6.015	-0.002	324778	2500.00	2200	63.74-	95.61	79.68	
6.345	6.347	-0.002	555171	2500.00	3100	108.96-	163.44	136.20	
7.318	7.320	-0.002	475078	2500.00	2300	93.24-	139.86	116.55	
7.483	7.485	-0.002	260046	2500.00	2400	51.04-	76.56	63.80	
8.700	8.702	-0.002	254406	2500.00	2400	49.93-	74.90	62.41	
Average of Peak Amounts =					2.37e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.452	9.453	-0.001	586849	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178203.d

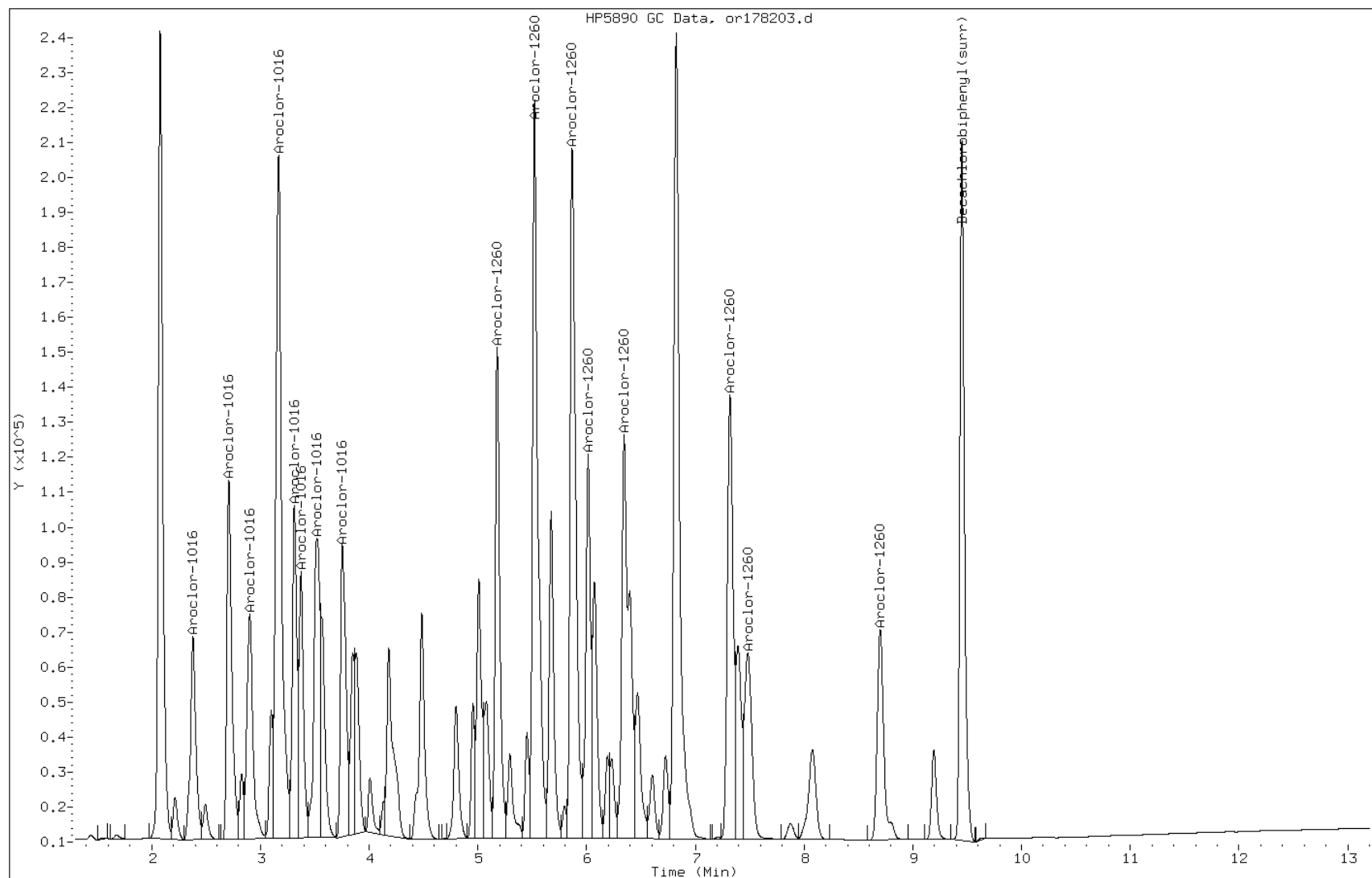
Date: 04-OCT-2011 10:56

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L5_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.035										1.965 - 2.105	2.035
PCB-1221 Peak 2	2.380										2.310 - 2.450	2.380
PCB-1221 Peak 3	2.777										2.707 - 2.847	2.777
PCB-1221 Peak 4	2.928										2.858 - 2.998	2.928
PCB-1221 Peak 5	2.997										2.927 - 3.067	2.997
PCB-1221 Peak 6	3.452										3.382 - 3.522	3.452
PCB-1221 Peak 7	3.523										3.453 - 3.593	3.523
PCB-1221 Peak 8	3.998										3.928 - 4.068	3.998

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	59.475				Ave		59.4750000						20.0			
PCB-1221 Peak 2	21.527				Ave		21.5270000						20.0			
PCB-1221 Peak 3	77.100				Ave		77.1000000						20.0			
PCB-1221 Peak 4	49.411				Ave		49.4110000						20.0			
PCB-1221 Peak 5	183.66				Ave		183.659000						20.0			
PCB-1221 Peak 6	35.888				Ave		35.8880000						20.0			
PCB-1221 Peak 7	39.972				Ave		39.9720000						20.0			
PCB-1221 Peak 8	35.481				Ave		35.4810000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	59475					1000				
PCB-1221 Peak 2	Ave	21527					1000				
PCB-1221 Peak 3	Ave	77100					1000				
PCB-1221 Peak 4	Ave	49411					1000				
PCB-1221 Peak 5	Ave	183659					1000				
PCB-1221 Peak 6	Ave	35888					1000				
PCB-1221 Peak 7	Ave	39972					1000				
PCB-1221 Peak 8	Ave	35481					1000				

Curve Type Legend:

Ave = Average

Data File: of178204.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178204.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 04-OCT-2011 11:13
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====
22 Aroclor-1221			CAS #: 11104-28-2					
2.035	2.035	0.000	59475	1000.00	1000	80.00- 120.00	100.00(M)	
2.380	2.380	0.000	21527	1000.00	1000	28.96- 43.43	36.20	
2.777	2.777	0.000	77100	1000.00	1000	103.71- 155.56	129.63	
2.928	2.928	0.000	49411	1000.00	1000	66.46- 99.69	83.08	
2.997	2.997	0.000	183659	1000.00	1000	247.04- 370.56	308.80	
3.452	3.452	0.000	35888	1000.00	1000	48.27- 72.41	60.34	
3.523	3.523	0.000	39972	1000.00	1000	53.77- 80.65	67.21	
3.998	3.998	0.000	35481	1000.00	1000	47.73- 71.59	59.66	
Average of Peak Amounts =			1e+03					

Data File: of178204.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178204.d

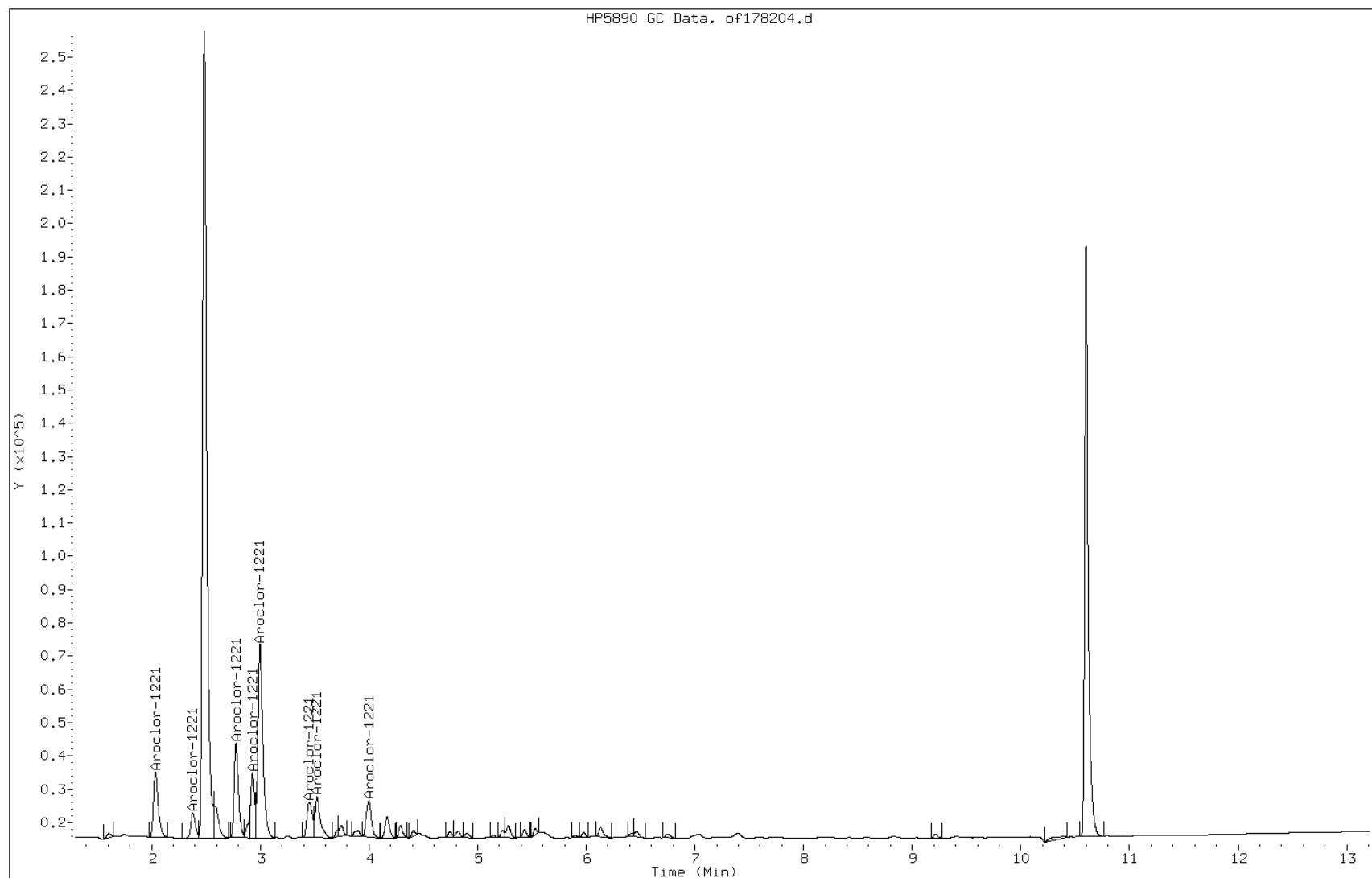
Date: 04-OCT-2011 11:13

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.680										1.610 - 1.750	1.680
PCB-1221 Peak 2	1.965										1.895 - 2.035	1.965
PCB-1221 Peak 3	2.215										2.145 - 2.285	2.215
PCB-1221 Peak 4	2.378										2.308 - 2.448	2.378
PCB-1221 Peak 5	2.713										2.643 - 2.783	2.713
PCB-1221 Peak 6	2.832										2.762 - 2.902	2.832
PCB-1221 Peak 7	3.168										3.098 - 3.238	3.168
PCB-1221 Peak 8	3.312										3.242 - 3.382	3.312

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	41.543				Ave		41.5430000						20.0			
PCB-1221 Peak 2	14.007				Ave		14.0070000						20.0			
PCB-1221 Peak 3	46.657				Ave		46.6570000						20.0			
PCB-1221 Peak 4	142.12				Ave		142.115000						20.0			
PCB-1221 Peak 5	12.380				Ave		12.3800000						20.0			
PCB-1221 Peak 6	25.059				Ave		25.0590000						20.0			
PCB-1221 Peak 7	23.215				Ave		23.2150000						20.0			
PCB-1221 Peak 8	9.6650				Ave		9.66500000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	41543					1000				
PCB-1221 Peak 2	Ave	14007					1000				
PCB-1221 Peak 3	Ave	46657					1000				
PCB-1221 Peak 4	Ave	142115					1000				
PCB-1221 Peak 5	Ave	12380					1000				
PCB-1221 Peak 6	Ave	25059					1000				
PCB-1221 Peak 7	Ave	23215					1000				
PCB-1221 Peak 8	Ave	9665					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178204.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 04-OCT-2011 11:13
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
22 Aroclor-1221			CAS #: 11104-28-2			
1.680	1.680	0.000	41543 1000.00	1000	80.00- 120.00	100.00(M)
1.965	1.965	0.000	14007 1000.00	1000	26.97- 40.46	33.72
2.215	2.215	0.000	46657 1000.00	1000	89.85- 134.77	112.31
2.378	2.378	0.000	142115 1000.00	1000	273.67- 410.51	342.09
2.713	2.713	0.000	12380 1000.00	1000	23.84- 35.76	29.80
2.832	2.832	0.000	25059 1000.00	1000	48.26- 72.38	60.32
3.168	3.168	0.000	23215 1000.00	1000	44.71- 67.06	55.88
3.312	3.312	0.000	9665 1000.00	1000	18.61- 27.92	23.27
Average of Peak Amounts =			1e+03			

Data File: or178204.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178204.d

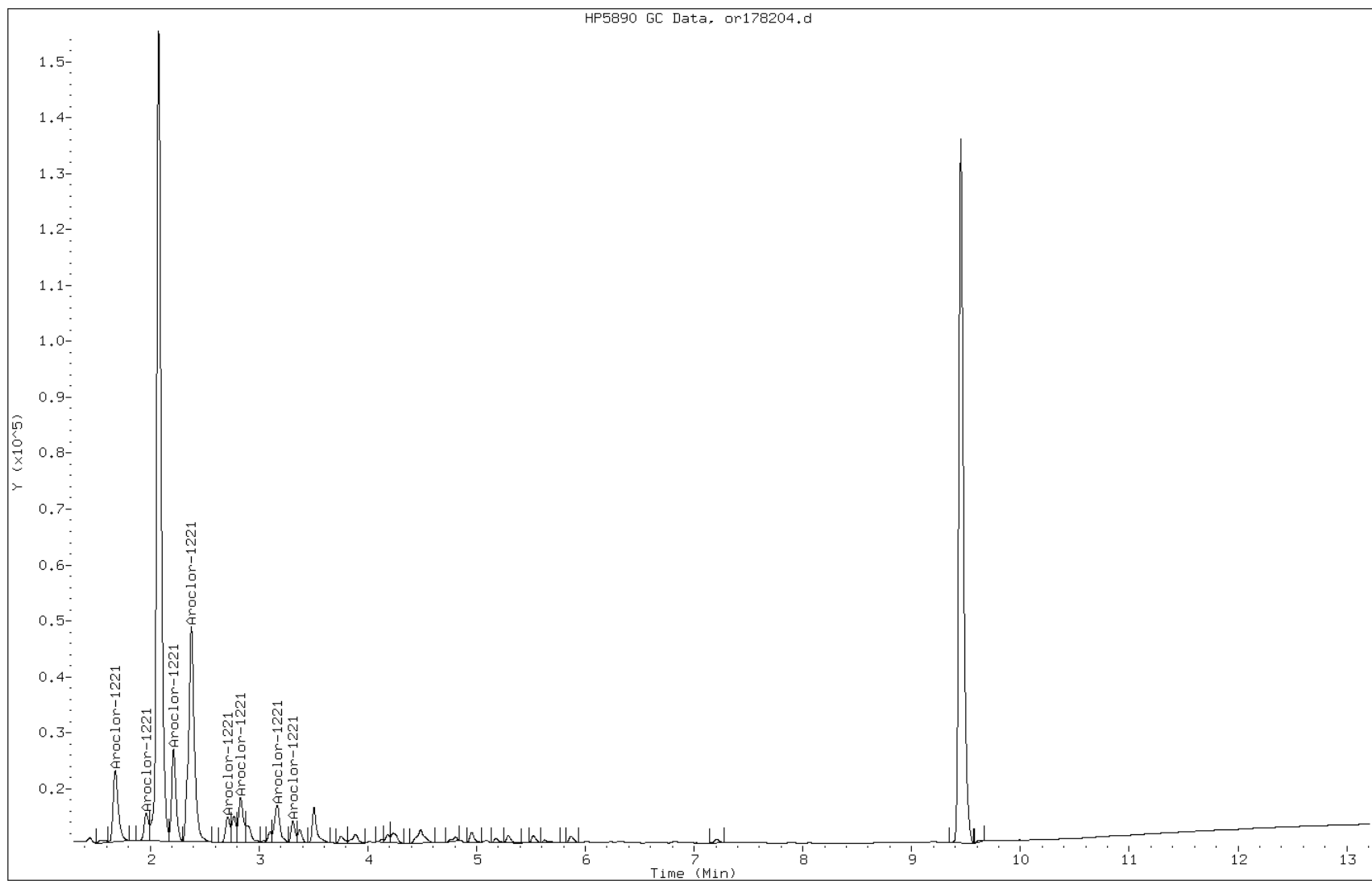
Date: 04-OCT-2011 11:13

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.997										2.927 - 3.067	2.997
PCB-1232 Peak 2	3.460										3.390 - 3.530	3.460
PCB-1232 Peak 3	3.743										3.673 - 3.813	3.743
PCB-1232 Peak 4	4.165										4.095 - 4.235	4.165
PCB-1232 Peak 5	4.292										4.222 - 4.362	4.292
PCB-1232 Peak 6	4.465										4.395 - 4.535	4.465
PCB-1232 Peak 7	4.747										4.677 - 4.817	4.747
PCB-1232 Peak 8	4.903										4.833 - 4.973	4.903

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	127.65				Ave		127.649000						20.0			
PCB-1232 Peak 2	144.53				Ave		144.534000						20.0			
PCB-1232 Peak 3	58.689				Ave		58.6890000						20.0			
PCB-1232 Peak 4	100.05				Ave		100.051000						20.0			
PCB-1232 Peak 5	75.663				Ave		75.6630000						20.0			
PCB-1232 Peak 6	65.896				Ave		65.8960000						20.0			
PCB-1232 Peak 7	78.162				Ave		78.1620000						20.0			
PCB-1232 Peak 8	82.445				Ave		82.4450000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	127649					1000				
PCB-1232 Peak 2	Ave	144534					1000				
PCB-1232 Peak 3	Ave	58689					1000				
PCB-1232 Peak 4	Ave	100051					1000				
PCB-1232 Peak 5	Ave	75663					1000				
PCB-1232 Peak 6	Ave	65896					1000				
PCB-1232 Peak 7	Ave	78162					1000				
PCB-1232 Peak 8	Ave	82445					1000				

Curve Type Legend:

Ave = Average

Data File: of178205.d
 Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178205.d
 Lab Smp Id: IC-SG1232L3_00011
 Inj Date : 04-OCT-2011 11:29
 Operator : 615
 Smp Info : IC-SG1232L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
 Meth Date : 04-Oct-2011 13:41 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12320.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
23 Aroclor-1232			CAS #: 11141-16-5			
2.997	2.997	0.000	127649 1000.00	1000	80.00- 120.00	100.00(M)
3.460	3.460	0.000	144534 1000.00	1000	90.58- 135.87	113.23
3.743	3.743	0.000	58689 1000.00	1000	36.78- 55.17	45.98
4.165	4.165	0.000	100051 1000.00	1000	62.70- 94.06	78.38
4.292	4.292	0.000	75663 1000.00	1000	47.42- 71.13	59.27
4.465	4.465	0.000	65896 1000.00	1000	41.30- 61.95	51.62
4.747	4.747	0.000	78162 1000.00	1000	48.99- 73.48	61.23
4.903	4.903	0.000	82445 1000.00	1000	51.67- 77.50	64.59
Average of Peak Amounts =			1e+03			

Data File: of178205.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178205.d

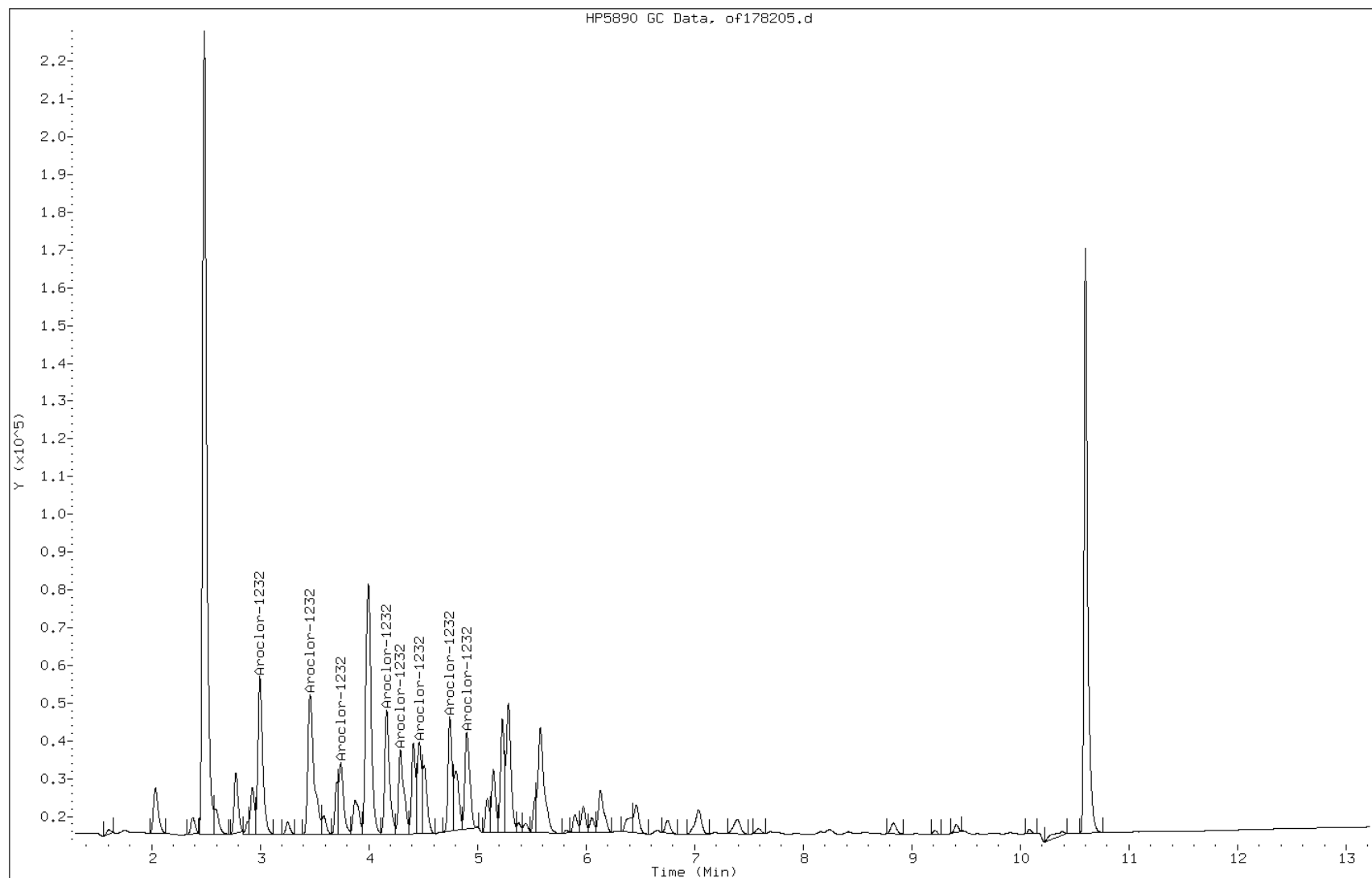
Date: 04-OCT-2011 11:29

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.380										2.310 - 2.450	2.380
PCB-1232 Peak 2	2.710										2.640 - 2.780	2.710
PCB-1232 Peak 3	2.903										2.833 - 2.973	2.903
PCB-1232 Peak 4	3.167										3.097 - 3.237	3.167
PCB-1232 Peak 5	3.312										3.242 - 3.382	3.312
PCB-1232 Peak 6	3.375										3.305 - 3.445	3.375
PCB-1232 Peak 7	3.753										3.683 - 3.823	3.753
PCB-1232 Peak 8	4.130										4.060 - 4.200	4.130

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	97.662				Ave		97.6620000						20.0			
PCB-1232 Peak 2	76.921				Ave		76.9210000						20.0			
PCB-1232 Peak 3	51.610				Ave		51.6100000						20.0			
PCB-1232 Peak 4	149.77				Ave		149.765000						20.0			
PCB-1232 Peak 5	57.421				Ave		57.4210000						20.0			
PCB-1232 Peak 6	41.187				Ave		41.1870000						20.0			
PCB-1232 Peak 7	67.008				Ave		67.0080000						20.0			
PCB-1232 Peak 8	29.340				Ave		29.3400000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	97662					1000				
PCB-1232 Peak 2	Ave	76921					1000				
PCB-1232 Peak 3	Ave	51610					1000				
PCB-1232 Peak 4	Ave	149765					1000				
PCB-1232 Peak 5	Ave	57421					1000				
PCB-1232 Peak 6	Ave	41187					1000				
PCB-1232 Peak 7	Ave	67008					1000				
PCB-1232 Peak 8	Ave	29340					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178205.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 04-OCT-2011 11:29
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE			RATIO	
==	=====	=====	=====	=====	=====			=====	
23 Aroclor-1232			CAS #: 11141-16-5						
2.380	2.380	0.000	97662 1000.00	1000	80.00- 120.00			100.00	
2.710	2.710	0.000	76921 1000.00	1000	63.01- 94.51			78.76	
2.903	2.903	0.000	51610 1000.00	1000	42.28- 63.41			52.85	
3.167	3.167	0.000	149765 1000.00	1000	122.68- 184.02			153.35	
3.312	3.312	0.000	57421 1000.00	1000	47.04- 70.55			58.80	
3.375	3.375	0.000	41187 1000.00	1000	33.74- 50.61			42.17	
3.753	3.753	0.000	67008 1000.00	1000	54.89- 82.33			68.61	
4.130	4.130	0.000	29340 1000.00	1000	24.03- 36.05			30.04	
Average of Peak Amounts =			1e+03						

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.995										2.925 - 3.065	2.995
PCB-1242 Peak 2	3.460										3.390 - 3.530	3.460
PCB-1242 Peak 3	3.742										3.672 - 3.812	3.742
PCB-1242 Peak 4	3.997										3.927 - 4.067	3.997
PCB-1242 Peak 5	4.163										4.093 - 4.233	4.163
PCB-1242 Peak 6	4.463										4.393 - 4.533	4.463
PCB-1242 Peak 7	4.902										4.832 - 4.972	4.902
PCB-1242 Peak 8	5.287										5.217 - 5.357	5.287

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	115.08				Ave		115.077000						20.0			
PCB-1242 Peak 2	232.18				Ave		232.178000						20.0			
PCB-1242 Peak 3	106.92				Ave		106.923000						20.0			
PCB-1242 Peak 4	425.68				Ave		425.679000						20.0			
PCB-1242 Peak 5	184.02				Ave		184.020000						20.0			
PCB-1242 Peak 6	116.23				Ave		116.233000						20.0			
PCB-1242 Peak 7	150.01				Ave		150.007000						20.0			
PCB-1242 Peak 8	180.95				Ave		180.950000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	115077					1000				
PCB-1242 Peak 2	Ave	232178					1000				
PCB-1242 Peak 3	Ave	106923					1000				
PCB-1242 Peak 4	Ave	425679					1000				
PCB-1242 Peak 5	Ave	184020					1000				
PCB-1242 Peak 6	Ave	116233					1000				
PCB-1242 Peak 7	Ave	150007					1000				
PCB-1242 Peak 8	Ave	180950					1000				

Curve Type Legend:

Ave = Average

Data File: of178206.d
 Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178206.d
 Lab Smp Id: IC-SG1242L3_00011
 Inj Date : 04-OCT-2011 11:46
 Operator : 615
 Smp Info : IC-SG1242L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
 Meth Date : 04-Oct-2011 13:41 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12420.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			AMOUNTS					
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
24 Aroclor-1242					CAS #: 53469-21-9			
2.995	2.995	0.000	115077	1000.00	1000	80.00-	120.00	100.00(M)
3.460	3.460	0.000	232178	1000.00	1000	161.41-	242.11	201.76
3.742	3.742	0.000	106923	1000.00	1000	74.33-	111.50	92.91
3.997	3.997	0.000	425679	1000.00	1000	295.93-	443.89	369.91
4.163	4.163	0.000	184020	1000.00	1000	127.93-	191.89	159.91
4.463	4.463	0.000	116233	1000.00	1000	80.80-	121.21	101.00
4.902	4.902	0.000	150007	1000.00	1000	104.28-	156.42	130.35
5.287	5.287	0.000	180950	1000.00	1000	125.79-	188.69	157.24
Average of Peak Amounts =					1e+03			

Data File: of178206.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.380										2.310 - 2.450	2.380
PCB-1242 Peak 2	2.710										2.640 - 2.780	2.710
PCB-1242 Peak 3	2.903										2.833 - 2.973	2.903
PCB-1242 Peak 4	3.167										3.097 - 3.237	3.167
PCB-1242 Peak 5	3.312										3.242 - 3.382	3.312
PCB-1242 Peak 6	3.527										3.457 - 3.597	3.527
PCB-1242 Peak 7	3.753										3.683 - 3.823	3.753
PCB-1242 Peak 8	4.487										4.417 - 4.557	4.487

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	86.433				Ave		86.4330000						20.0			
PCB-1242 Peak 2	130.67				Ave		130.668000						20.0			
PCB-1242 Peak 3	94.591				Ave		94.5910000						20.0			
PCB-1242 Peak 4	278.54				Ave		278.536000						20.0			
PCB-1242 Peak 5	105.99				Ave		105.990000						20.0			
PCB-1242 Peak 6	128.37				Ave		128.369000						20.0			
PCB-1242 Peak 7	116.24				Ave		116.242000						20.0			
PCB-1242 Peak 8	97.019				Ave		97.0190000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	86433					1000				
PCB-1242 Peak 2	Ave	130668					1000				
PCB-1242 Peak 3	Ave	94591					1000				
PCB-1242 Peak 4	Ave	278536					1000				
PCB-1242 Peak 5	Ave	105990					1000				
PCB-1242 Peak 6	Ave	128369					1000				
PCB-1242 Peak 7	Ave	116242					1000				
PCB-1242 Peak 8	Ave	97019					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178206.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 04-OCT-2011 11:46
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242				CAS #: 53469-21-9		
2.380	2.380	0.000	86433 1000.00	1000	80.00- 120.00	100.00(M)
2.710	2.710	0.000	130668 1000.00	1000	120.94- 181.41	151.18
2.903	2.903	0.000	94591 1000.00	1000	87.55- 131.33	109.44
3.167	3.167	0.000	278536 1000.00	1000	257.81- 386.71	322.26
3.312	3.312	0.000	105990 1000.00	1000	98.10- 147.15	122.63
3.527	3.527	0.000	128369 1000.00	1000	118.81- 178.22	148.52
3.753	3.753	0.000	116242 1000.00	1000	107.59- 161.39	134.49
4.487	4.487	0.000	97019 1000.00	1000	89.80- 134.70	112.25
Average of Peak Amounts =				1e+03		

Data File: or178206.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178206.d

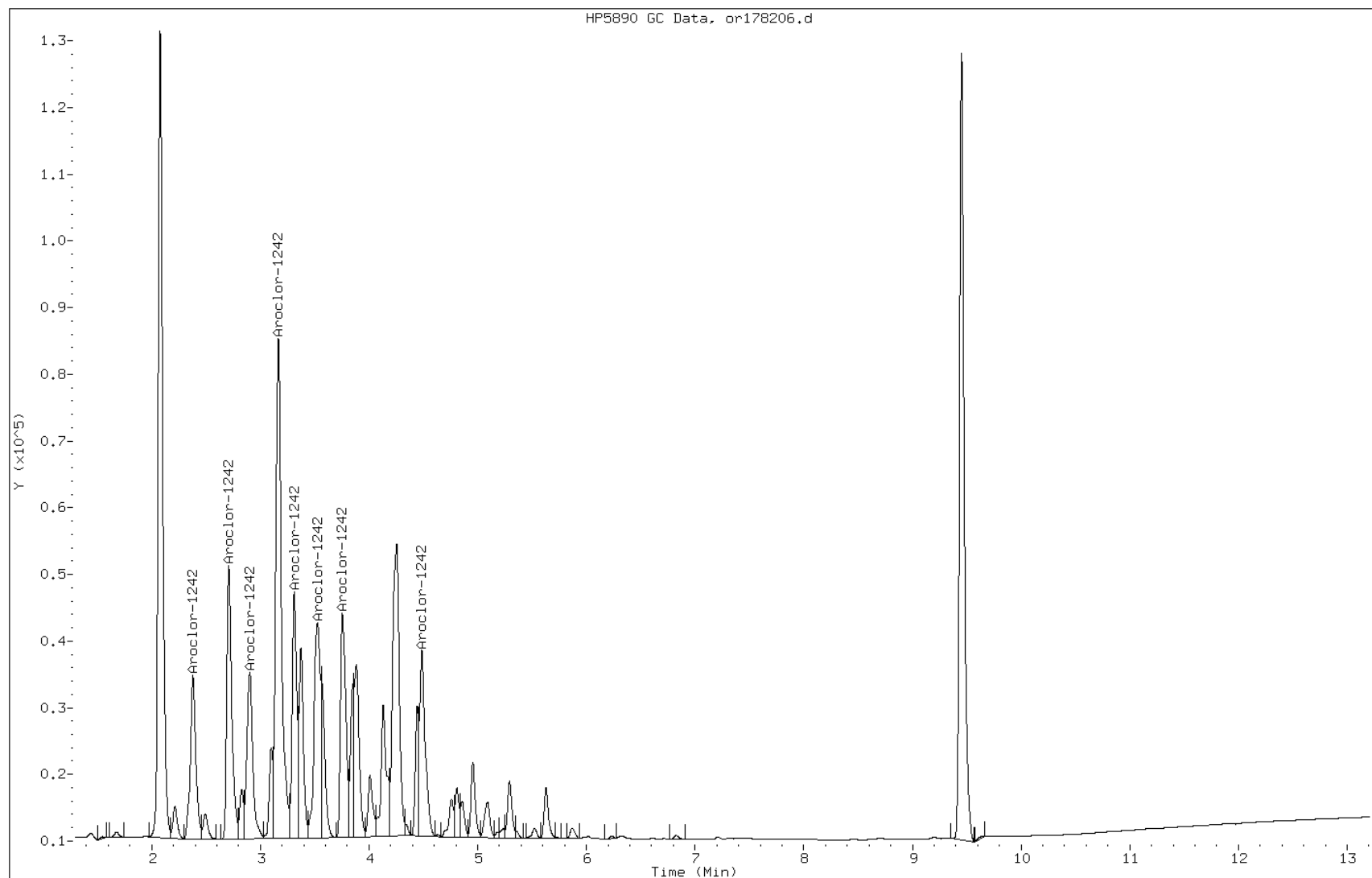
Date: 04-OCT-2011 11:46

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1242L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.457										3.387 - 3.527	3.457
PCB-1248 Peak 2	3.995										3.925 - 4.065	3.995
PCB-1248 Peak 3	4.162										4.092 - 4.232	4.162
PCB-1248 Peak 4	4.463										4.393 - 4.533	4.463
PCB-1248 Peak 5	4.745										4.675 - 4.815	4.745
PCB-1248 Peak 6	4.902										4.832 - 4.972	4.902
PCB-1248 Peak 7	5.147										5.077 - 5.217	5.147
PCB-1248 Peak 8	5.285										5.215 - 5.355	5.285

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	114.51				Ave		114.506000						20.0			
PCB-1248 Peak 2	275.02				Ave		275.022000						20.0			
PCB-1248 Peak 3	112.03				Ave		112.025000						20.0			
PCB-1248 Peak 4	169.21				Ave		169.209000						20.0			
PCB-1248 Peak 5	210.05				Ave		210.053000						20.0			
PCB-1248 Peak 6	252.57				Ave		252.567000						20.0			
PCB-1248 Peak 7	139.97				Ave		139.971000						20.0			
PCB-1248 Peak 8	310.68				Ave		310.684000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	114506					1000				
PCB-1248 Peak 2	Ave	275022					1000				
PCB-1248 Peak 3	Ave	112025					1000				
PCB-1248 Peak 4	Ave	169209					1000				
PCB-1248 Peak 5	Ave	210053					1000				
PCB-1248 Peak 6	Ave	252567					1000				
PCB-1248 Peak 7	Ave	139971					1000				
PCB-1248 Peak 8	Ave	310684					1000				

Curve Type Legend:

Ave = Average

Data File: of178207.d
 Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178207.d
 Lab Smp Id: IC-SG1248L3_00011
 Inj Date : 04-OCT-2011 12:02
 Operator : 615
 Smp Info : IC-SG1248L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
 Meth Date : 04-Oct-2011 13:41 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12480.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248				CAS #: 12672-29-6		
3.457	3.457	0.000	114506 1000.00	1000	80.00- 120.00	100.00
3.995	3.995	0.000	275022 1000.00	1000	192.15- 288.22	240.18
4.162	4.162	0.000	112025 1000.00	1000	78.27- 117.40	97.83
4.463	4.463	0.000	169209 1000.00	1000	118.22- 177.33	147.77
4.745	4.745	0.000	210053 1000.00	1000	146.75- 220.13	183.44
4.902	4.902	0.000	252567 1000.00	1000	176.46- 264.69	220.57
5.147	5.147	0.000	139971 1000.00	1000	97.79- 146.69	122.24
5.285	5.285	0.000	310684 1000.00	1000	217.06- 325.59	271.33
Average of Peak Amounts =				1e+03		

Data File: of178207.d

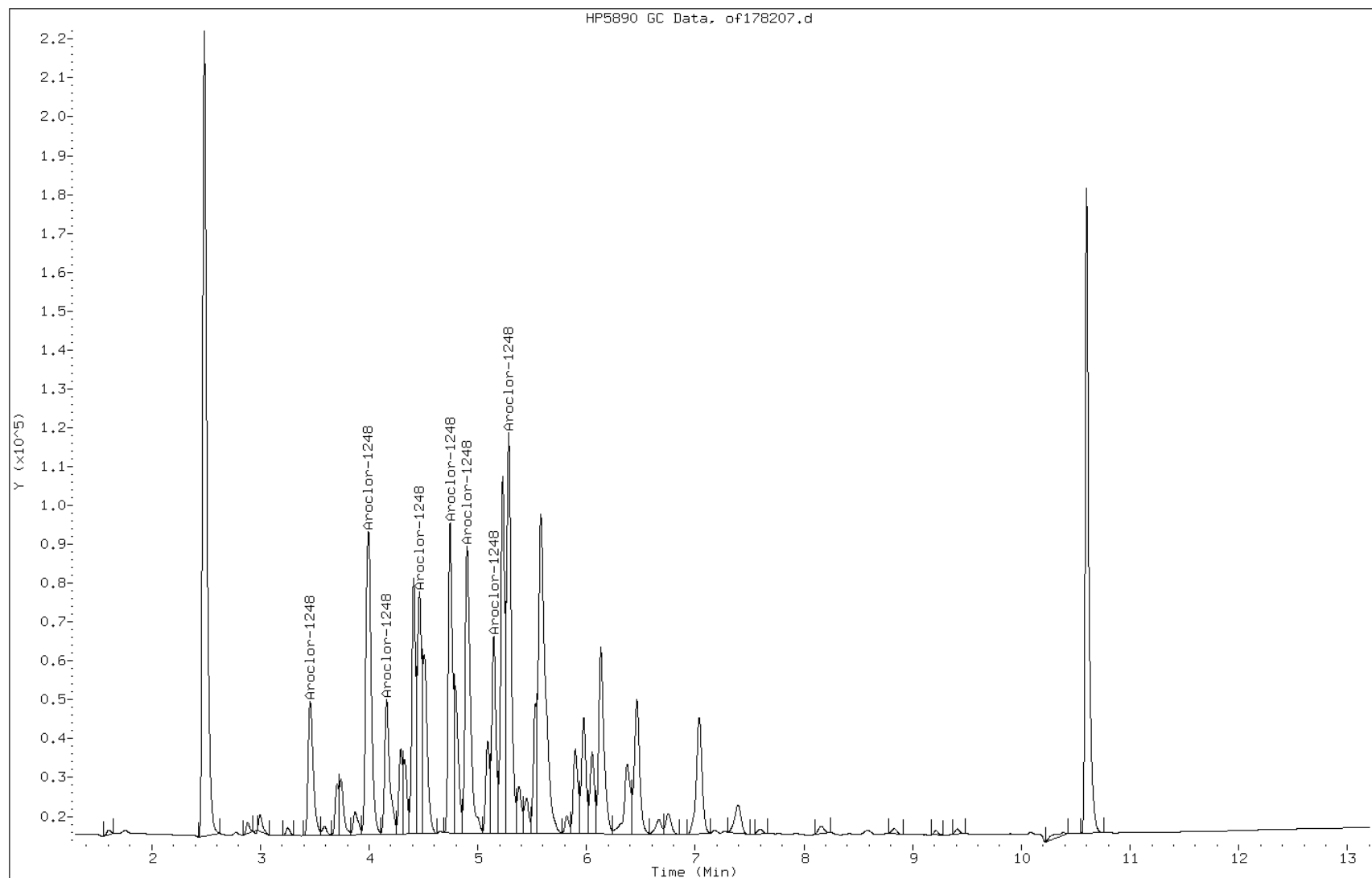
Date: 04-OCT-2011 12:02

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1248L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	or178207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.708										2.638 - 2.778	2.708
PCB-1248 Peak 2	3.167										3.097 - 3.237	3.167
PCB-1248 Peak 3	3.317										3.247 - 3.387	3.317
PCB-1248 Peak 4	3.522										3.452 - 3.592	3.522
PCB-1248 Peak 5	3.753										3.683 - 3.823	3.753
PCB-1248 Peak 6	3.847										3.777 - 3.917	3.847
PCB-1248 Peak 7	4.130										4.060 - 4.200	4.130
PCB-1248 Peak 8	4.485										4.415 - 4.555	4.485

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	or178207.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	66.821				Ave		66.8210000						20.0			
PCB-1248 Peak 2	158.97				Ave		158.9720000						20.0			
PCB-1248 Peak 3	66.705				Ave		66.7050000						20.0			
PCB-1248 Peak 4	188.38				Ave		188.3760000						20.0			
PCB-1248 Peak 5	169.98				Ave		169.9830000						20.0			
PCB-1248 Peak 6	99.211				Ave		99.2110000						20.0			
PCB-1248 Peak 7	85.801				Ave		85.8010000						20.0			
PCB-1248 Peak 8	145.53				Ave		145.5250000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	ori178207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	66821					1000				
PCB-1248 Peak 2	Ave	158972					1000				
PCB-1248 Peak 3	Ave	66705					1000				
PCB-1248 Peak 4	Ave	188376					1000				
PCB-1248 Peak 5	Ave	169983					1000				
PCB-1248 Peak 6	Ave	99211					1000				
PCB-1248 Peak 7	Ave	85801					1000				
PCB-1248 Peak 8	Ave	145525					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178207.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 04-OCT-2011 12:02
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
2.708	2.708	0.000	66821 1000.00	1000	80.00- 120.00	100.00(M)
3.167	3.167	0.000	158972 1000.00	1000	190.33- 285.49	237.91
3.317	3.317	0.000	66705 1000.00	1000	79.86- 119.79	99.83
3.522	3.522	0.000	188376 1000.00	1000	225.53- 338.29	281.91
3.753	3.753	0.000	169983 1000.00	1000	203.51- 305.26	254.39
3.847	3.847	0.000	99211 1000.00	1000	118.78- 178.17	148.47
4.130	4.130	0.000	85801 1000.00	1000	102.72- 154.09	128.40
4.485	4.485	0.000	145525 1000.00	1000	174.23- 261.34	217.78
Average of Peak Amounts =			1e+03			

Data File: or178207.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178207.d

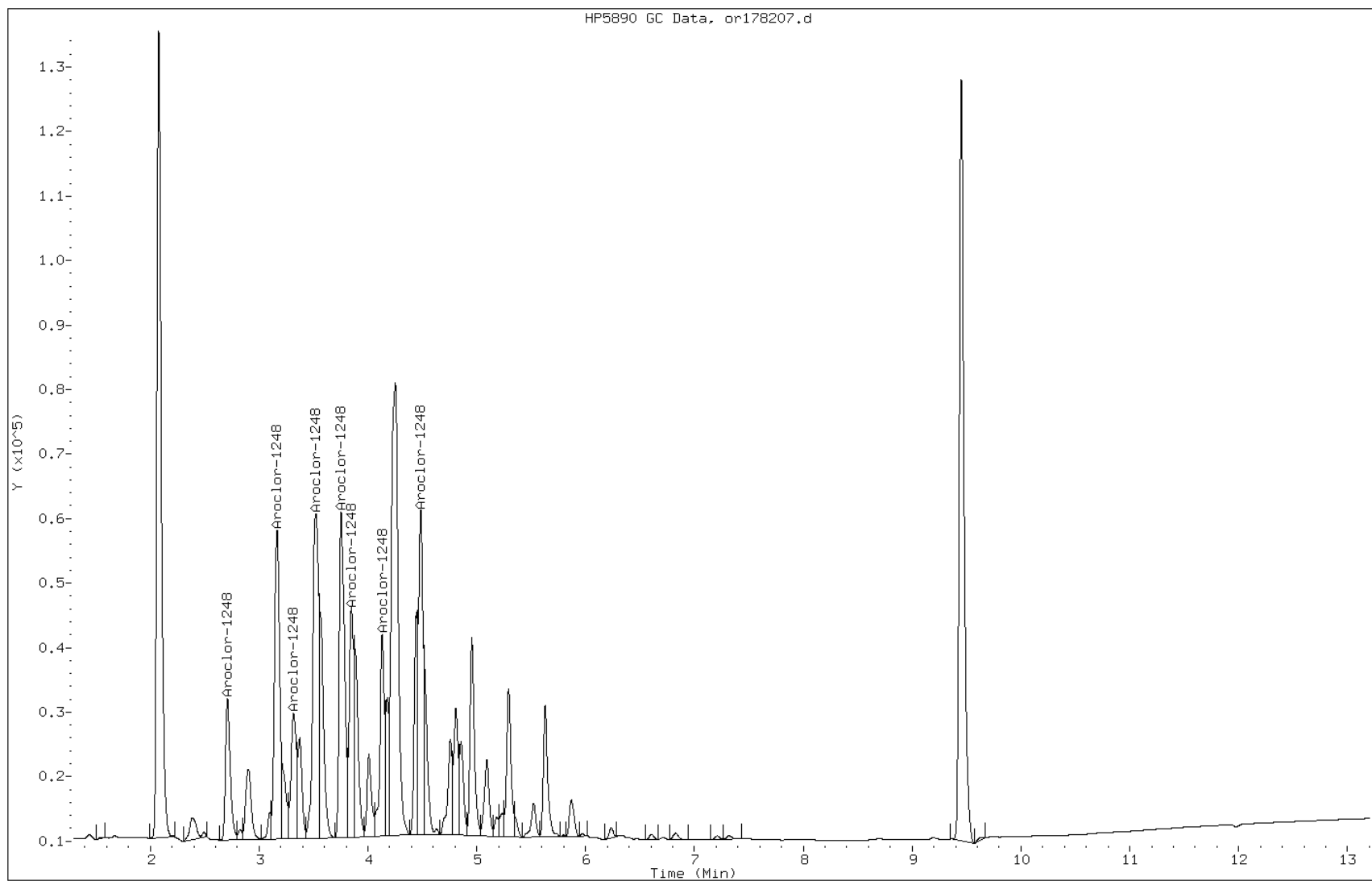
Date: 04-OCT-2011 12:02

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1248L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.410										4.340 - 4.480	4.410
PCB-1254 Peak 2	5.280										5.210 - 5.350	5.280
PCB-1254 Peak 3	5.527										5.457 - 5.597	5.527
PCB-1254 Peak 4	5.975										5.905 - 6.045	5.975
PCB-1254 Peak 5	6.132										6.062 - 6.202	6.132
PCB-1254 Peak 6	7.033										6.963 - 7.103	7.033
PCB-1254 Peak 7	7.393										7.323 - 7.463	7.393
PCB-1254 Peak 8	8.160										8.090 - 8.230	8.160

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	150.58				Ave		150.584000						20.0			
PCB-1254 Peak 2	278.67				Ave		278.673000						20.0			
PCB-1254 Peak 3	289.88				Ave		289.881000						20.0			
PCB-1254 Peak 4	206.34				Ave		206.339000						20.0			
PCB-1254 Peak 5	461.38				Ave		461.382000						20.0			
PCB-1254 Peak 6	383.77				Ave		383.769000						20.0			
PCB-1254 Peak 7	477.88				Ave		477.876000						20.0			
PCB-1254 Peak 8	109.12				Ave		109.115000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	150584					1000				
PCB-1254 Peak 2	Ave	278673					1000				
PCB-1254 Peak 3	Ave	289881					1000				
PCB-1254 Peak 4	Ave	206339					1000				
PCB-1254 Peak 5	Ave	461382					1000				
PCB-1254 Peak 6	Ave	383769					1000				
PCB-1254 Peak 7	Ave	477876					1000				
PCB-1254 Peak 8	Ave	109115					1000				

Curve Type Legend:

Ave = Average

Data File: of178208.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178208.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 04-OCT-2011 12:19
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.410	4.410	0.000	150584 1000.00	1000	80.00- 120.00	100.00(M)
5.280	5.280	0.000	278673 1000.00	1000	148.05- 222.07	185.06
5.527	5.527	0.000	289881 1000.00	1000	154.00- 231.01	192.50
5.975	5.975	0.000	206339 1000.00	1000	109.62- 164.43	137.03
6.132	6.132	0.000	461382 1000.00	1000	245.12- 367.67	306.40
7.033	7.033	0.000	383769 1000.00	1000	203.88- 305.82	254.85
7.393	7.393	0.000	477876 1000.00	1000	253.88- 380.82	317.35
8.160	8.160	0.000	109115 1000.00	1000	57.97- 86.95	72.46
Average of Peak Amounts =			1e+03			

Data File: of178208.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178208.d

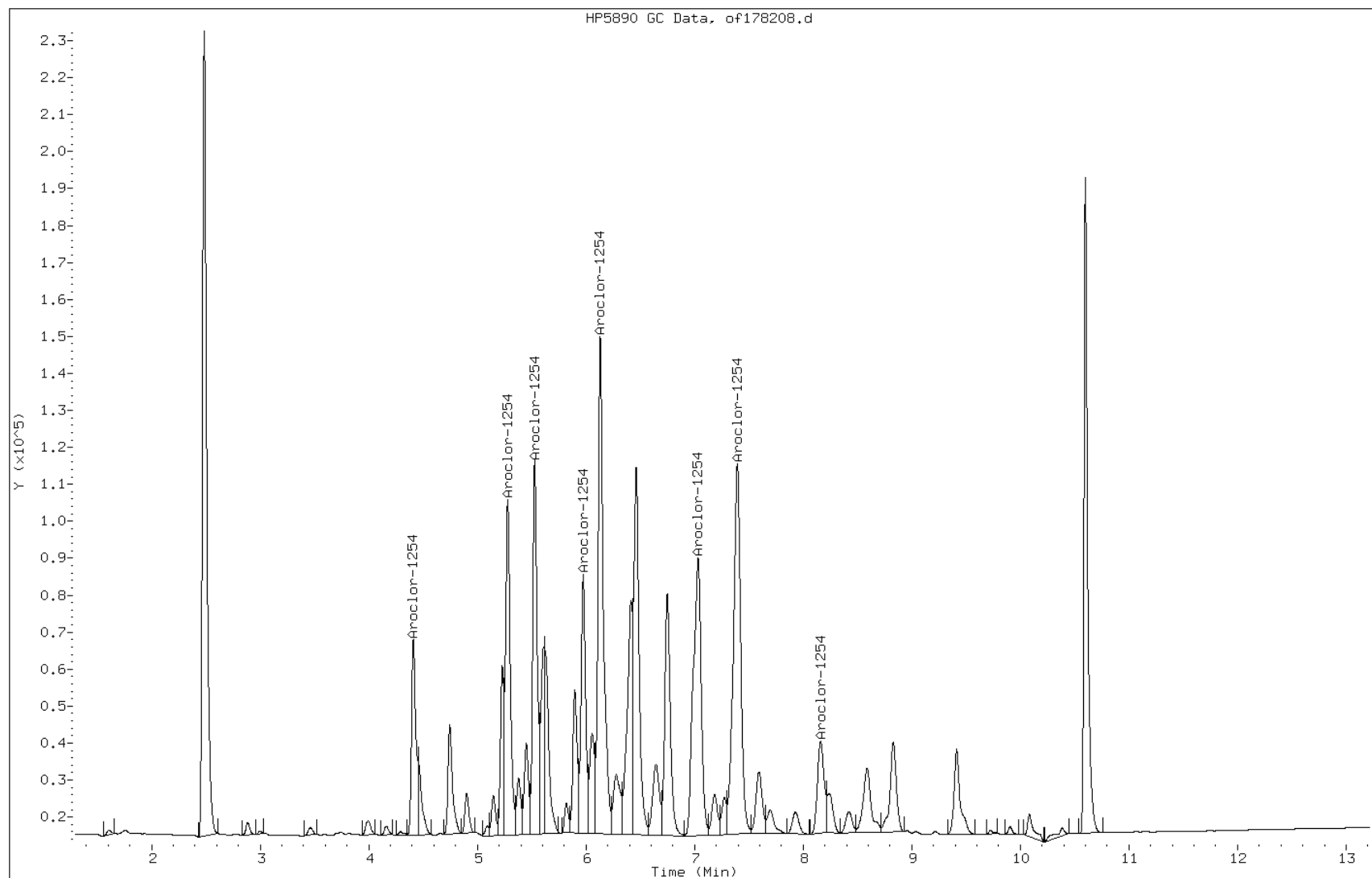
Date: 04-OCT-2011 12:19

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1254L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.180										4.110 - 4.250	4.180
PCB-1254 Peak 2	4.227										4.157 - 4.297	4.227
PCB-1254 Peak 3	4.482										4.412 - 4.552	4.482
PCB-1254 Peak 4	4.807										4.737 - 4.877	4.807
PCB-1254 Peak 5	4.953										4.883 - 5.023	4.953
PCB-1254 Peak 6	5.178										5.108 - 5.248	5.178
PCB-1254 Peak 7	5.292										5.222 - 5.362	5.292
PCB-1254 Peak 8	5.520										5.450 - 5.590	5.520

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	139.84				Ave		139.835000						20.0			
PCB-1254 Peak 2	131.96				Ave		131.962000						20.0			
PCB-1254 Peak 3	207.34				Ave		207.336000						20.0			
PCB-1254 Peak 4	161.41				Ave		161.405000						20.0			
PCB-1254 Peak 5	275.92				Ave		275.915000						20.0			
PCB-1254 Peak 6	132.86				Ave		132.864000						20.0			
PCB-1254 Peak 7	202.22				Ave		202.217000						20.0			
PCB-1254 Peak 8	200.65				Ave		200.653000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32125-1 Analy Batch No.: 88199

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	139835					1000				
PCB-1254 Peak 2	Ave	131962					1000				
PCB-1254 Peak 3	Ave	207336					1000				
PCB-1254 Peak 4	Ave	161405					1000				
PCB-1254 Peak 5	Ave	275915					1000				
PCB-1254 Peak 6	Ave	132864					1000				
PCB-1254 Peak 7	Ave	202217					1000				
PCB-1254 Peak 8	Ave	200653					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178208.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 04-OCT-2011 12:19
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254				CAS #: 11097-69-1		
4.180	4.180	0.000	139835 1000.00	1000	80.00- 120.00	100.00(M)
4.227	4.227	0.000	131962 1000.00	1000	75.50- 113.24	94.37
4.482	4.482	0.000	207336 1000.00	1000	118.62- 177.93	148.27
4.807	4.807	0.000	161405 1000.00	1000	92.34- 138.51	115.43
4.953	4.953	0.000	275915 1000.00	1000	157.85- 236.78	197.31
5.178	5.178	0.000	132864 1000.00	1000	76.01- 114.02	95.01
5.292	5.292	0.000	202217 1000.00	1000	115.69- 173.53	144.61
5.520	5.520	0.000	200653 1000.00	1000	114.79- 172.19	143.49
Average of Peak Amounts =				1e+03		

Data File: or178208.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89063/4 Calibration Date: 10/10/2011 09:12
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178320.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.5	120.8		1030	1000	2.9	15.0
PCB-1016 Peak 2	Ave	275.8	261.1		947	1000	-5.3	15.0
PCB-1016 Peak 3	Ave	121.9	120.1		986	1000	-1.4	15.0
PCB-1016 Peak 4	Ave	498.4	484.4		972	1000	-2.8	15.0
PCB-1016 Peak 5	Ave	213.6	209.8		982	1000	-1.8	15.0
PCB-1016 Peak 6	Ave	137.1	131.2		957	1000	-4.3	15.0
PCB-1016 Peak 7	Ave	136.6	141.5		1040	1000	3.6	15.0
PCB-1016 Peak 8	Ave	136.4	141.6		1040	1000	3.8	15.0
PCB-1260 Peak 1	Ave	339.2	343.3		1010	1000	1.2	15.0
PCB-1260 Peak 2	Ave	382.6	381.4		997	1000	-0.3	15.0
PCB-1260 Peak 3	Ave	543.1	552.8		1020	1000	1.8	15.0
PCB-1260 Peak 4	Ave	258.7	264.5		1020	1000	2.2	15.0
PCB-1260 Peak 5	Ave	151.1	153.9		1020	1000	1.8	15.0
PCB-1260 Peak 6	Ave	301.9	322.7		1070	1000	6.9	15.0
PCB-1260 Peak 7	Ave	397.1	398.0		1000	1000	0.2	15.0
PCB-1260 Peak 8	Ave	126.3	125.7		995	1000	-0.5	15.0
DCB Decachlorobiphenyl	Ave	3466	2971		85.7	100	-14.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89063/4 Calibration Date: 10/10/2011 09:12
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178320.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.01	2.94	3.08
PCB-1016 Peak 2	3.47	3.40	3.54
PCB-1016 Peak 3	3.75	3.68	3.82
PCB-1016 Peak 4	4.00	3.93	4.07
PCB-1016 Peak 5	4.17	4.10	4.24
PCB-1016 Peak 6	4.47	4.40	4.54
PCB-1016 Peak 7	5.28	5.21	5.35
PCB-1016 Peak 8	5.53	5.46	5.60
PCB-1260 Peak 1	6.42	6.35	6.49
PCB-1260 Peak 2	6.75	6.68	6.82
PCB-1260 Peak 3	7.39	7.32	7.46
PCB-1260 Peak 4	7.59	7.51	7.65
PCB-1260 Peak 5	7.70	7.63	7.77
PCB-1260 Peak 6	8.24	8.17	8.31
PCB-1260 Peak 7	9.41	9.34	9.48
PCB-1260 Peak 8	10.08	10.01	10.15
DCB Decachlorobiphenyl	10.60	10.50	10.70

Data File: of178320.d
 Report Date: 11-Oct-2011 12:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178320.d
 Lab Smp Id: CCVRTSG1660L3_00013
 Inj Date : 10-OCT-2011 09:12
 Operator : 615
 Smp Info : CCVRT-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
 Meth Date : 11-Oct-2011 12:11 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 Continuing Calibration Sample
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
3.005	3.005	0.000	120842	1000.00	1000	80.00-	120.00	100.00
3.467	3.467	0.000	261096	1000.00	950	172.85-	259.28	216.06
3.748	3.748	0.000	120114	1000.00	980	79.52-	119.28	99.40
4.003	4.003	0.000	484413	1000.00	970	320.69-	481.04	400.86
4.170	4.170	0.000	209784	1000.00	980	138.88-	208.32	173.60
4.468	4.468	0.000	131206	1000.00	960	86.86-	130.29	108.58
5.283	5.283	0.000	141540	1000.00	1000	93.70-	140.55	117.13
5.532	5.532	0.000	141639	1000.00	1000	93.77-	140.65	117.21
Average of Peak Amounts =					993			

27 Aroclor-1260					CAS #: 11096-82-5			
6.415	6.415	0.000	343327	1000.00	1000	80.00-	120.00	100.00(M)

Data File: of178320.d
 Report Date: 11-Oct-2011 12:12

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.750	6.750	0.000	381418	1000.00	1000	88.88-	133.31	111.09	
7.390	7.390	0.000	552818	1000.00	1000	128.81-	193.22	161.02	
7.585	7.585	0.000	264526	1000.00	1000	61.64-	92.46	77.05	
7.698	7.698	0.000	153933	1000.00	1000	35.87-	53.80	44.84	
8.243	8.243	0.000	322652	1000.00	1100	75.18-	112.77	93.98	
9.410	9.410	0.000	397968	1000.00	1000	92.73-	139.10	115.92	
10.082	10.082	0.000	125687	1000.00	1000	29.29-	43.93	36.61	
Average of Peak Amounts =					1.02e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.598	10.598	0.000	297100	100.000	86	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178320.d

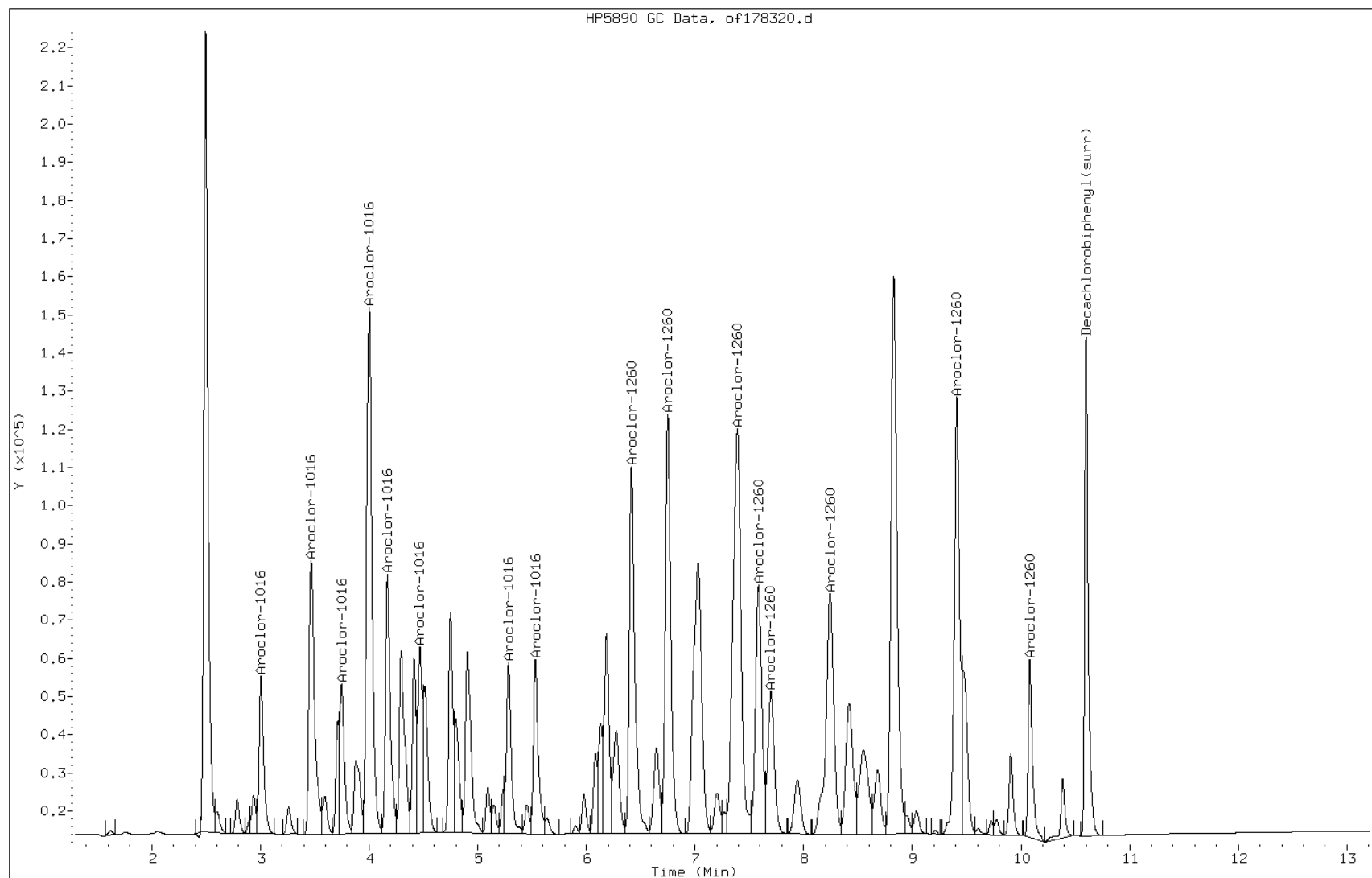
Date: 10-OCT-2011 09:12

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89063/4 Calibration Date: 10/10/2011 09:12
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178320.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.02	97.82		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	154.8	158.3		1020	1000	2.3	15.0
PCB-1016 Peak 3	Ave	106.5	113.5		1070	1000	6.5	15.0
PCB-1016 Peak 4	Ave	326.3	339.3		1040	1000	4.0	15.0
PCB-1016 Peak 5	Ave	125.4	130.3		1040	1000	3.9	15.0
PCB-1016 Peak 6	Ave	89.24	95.72		1070	1000	7.3	15.0
PCB-1016 Peak 7	Ave	160.5	142.4		887	1000	-11.3	15.0
PCB-1016 Peak 8	Ave	129.9	135.1		1040	1000	4.0	15.0
PCB-1260 Peak 1	Ave	190.7	202.3		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	339.7	361.3		1060	1000	6.4	15.0
PCB-1260 Peak 3	Ave	323.0	347.7		1080	1000	7.6	15.0
PCB-1260 Peak 4	Ave	150.7	159.5		1060	1000	5.8	15.0
PCB-1260 Peak 5	Ave	178.1	171.8		965	1000	-3.5	15.0
PCB-1260 Peak 6	Ave	203.2	224.3		1100	1000	10.4	15.0
PCB-1260 Peak 7	Ave	109.2	121.8		1120	1000	11.6	15.0
PCB-1260 Peak 8	Ave	103.7	111.7		1080	1000	7.7	15.0
DCB Decachlorobiphenyl	Ave	3146	3320		106	100	5.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89063/4 Calibration Date: 10/10/2011 09:12
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178320.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.39	2.32	2.46
PCB-1016 Peak 2	2.72	2.65	2.79
PCB-1016 Peak 3	2.91	2.84	2.98
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.32	3.25	3.39
PCB-1016 Peak 6	3.38	3.31	3.45
PCB-1016 Peak 7	3.53	3.46	3.60
PCB-1016 Peak 8	3.76	3.69	3.83
PCB-1260 Peak 1	5.18	5.11	5.25
PCB-1260 Peak 2	5.52	5.45	5.59
PCB-1260 Peak 3	5.87	5.80	5.94
PCB-1260 Peak 4	6.02	5.94	6.08
PCB-1260 Peak 5	6.35	6.27	6.41
PCB-1260 Peak 6	7.32	7.25	7.39
PCB-1260 Peak 7	7.48	7.41	7.55
PCB-1260 Peak 8	8.70	8.63	8.77
DCB Decachlorobiphenyl	9.45	9.35	9.55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178320.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-OCT-2011 09:12
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.392	2.392	0.000	97820 1000.00	1000 80.00- 120.00	100.00(M)	
2.720	2.720	0.000	158312 1000.00	1000 130.16- 195.25	161.84	
2.913	2.912	0.001	113481 1000.00	1100 93.35- 140.02	116.01	
3.177	3.177	0.000	339299 1000.00	1000 276.95- 415.42	346.86	
3.320	3.318	0.002	130340 1000.00	1000 106.95- 160.43	133.24	
3.382	3.382	0.000	95719 1000.00	1100 79.41- 119.12	97.85	
3.533	3.533	0.000	142377 1000.00	890 121.45- 182.17	145.55	
3.760	3.758	0.002	135073 1000.00	1000 109.50- 164.24	138.08	
Average of Peak Amounts =			1.02e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.180	5.178	0.002	202263 1000.00	1100 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.522	5.520	0.002	361334	1000.00	1100	142.61-	213.92	178.65	
5.867	5.865	0.002	347734	1000.00	1100	136.60-	204.90	171.92	
6.015	6.013	0.002	159496	1000.00	1000	63.00-	94.50	78.86	
6.345	6.343	0.002	171780	1000.00	960	68.41-	102.61	84.93	
7.318	7.317	0.001	224335	1000.00	1100	88.38-	132.57	110.91	
7.483	7.482	0.001	121842	1000.00	1100	47.33-	70.99	60.24	
8.698	8.697	0.001	111675	1000.00	1100	47.97-	71.95	55.21	
Average of Peak Amounts =					1.07e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.448	9.447	0.001	331975	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178320.d

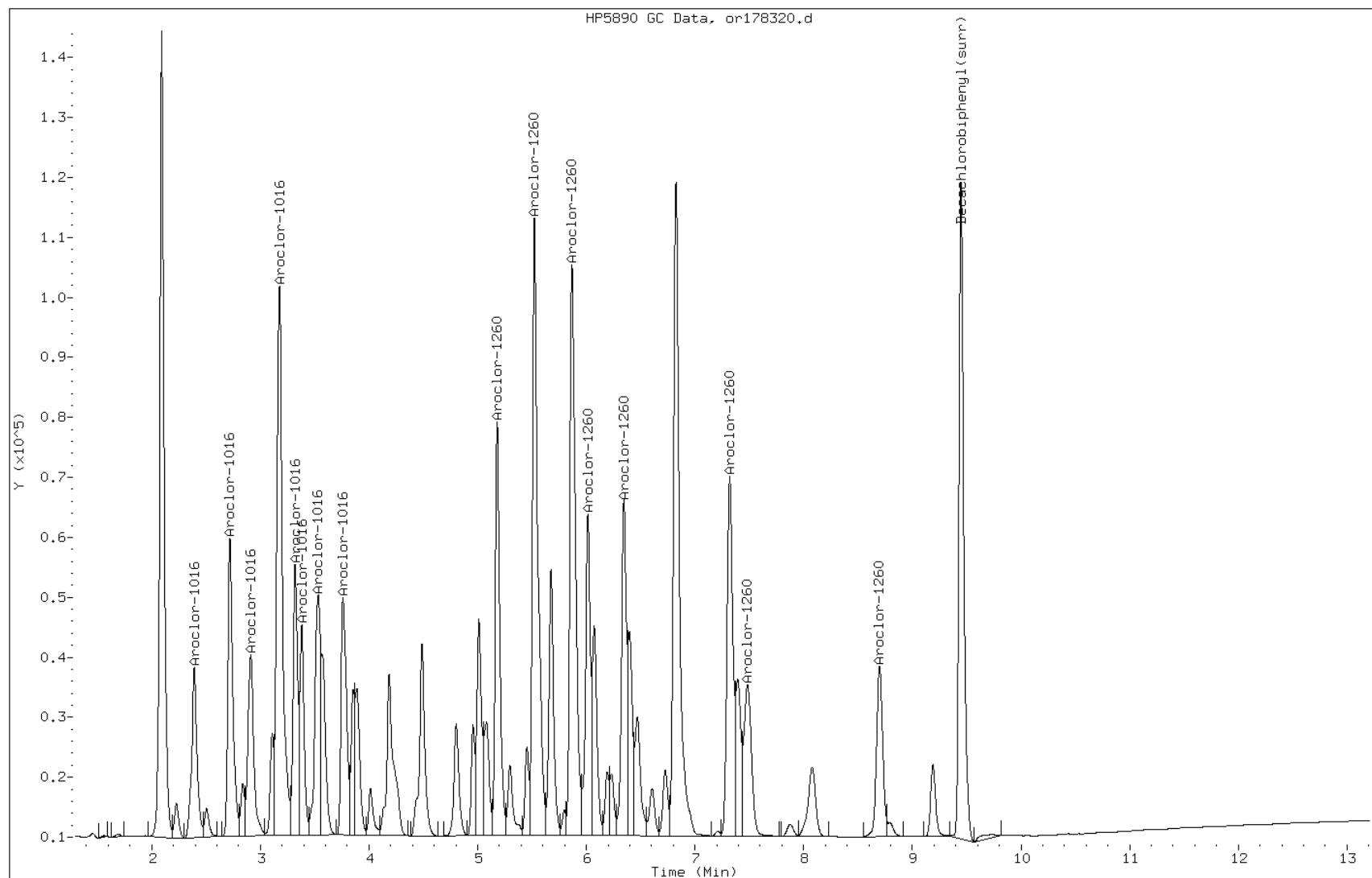
Date: 10-OCT-2011 09:12

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89063/28 Calibration Date: 10/10/2011 16:01
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178344.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.5	108.8		926	1000	-7.4	15.0
PCB-1016 Peak 2	Ave	275.8	258.6		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	121.9	118.1		969	1000	-3.1	15.0
PCB-1016 Peak 4	Ave	498.4	477.6		958	1000	-4.2	15.0
PCB-1016 Peak 5	Ave	213.6	206.0		965	1000	-3.5	15.0
PCB-1016 Peak 6	Ave	137.1	131.4		959	1000	-4.1	15.0
PCB-1016 Peak 7	Ave	136.6	136.4		999	1000	-0.1	15.0
PCB-1016 Peak 8	Ave	136.4	136.3		999	1000	-0.0	15.0
PCB-1260 Peak 1	Ave	339.2	327.9		967	1000	-3.3	15.0
PCB-1260 Peak 2	Ave	382.6	364.9		954	1000	-4.6	15.0
PCB-1260 Peak 3	Ave	543.1	542.4		999	1000	-0.1	15.0
PCB-1260 Peak 4	Ave	258.7	253.1		978	1000	-2.2	15.0
PCB-1260 Peak 5	Ave	151.1	147.5		976	1000	-2.4	15.0
PCB-1260 Peak 6	Ave	301.9	308.5		1020	1000	2.2	15.0
PCB-1260 Peak 7	Ave	397.1	379.1		955	1000	-4.5	15.0
PCB-1260 Peak 8	Ave	126.3	114.1		903	1000	-9.7	15.0
DCB Decachlorobiphenyl	Ave	3466	2948		85.1	100	-14.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89063/28 Calibration Date: 10/10/2011 16:01
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178344.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.01	2.94	3.08
PCB-1016 Peak 2	3.47	3.40	3.54
PCB-1016 Peak 3	3.75	3.68	3.82
PCB-1016 Peak 4	4.00	3.93	4.07
PCB-1016 Peak 5	4.17	4.10	4.24
PCB-1016 Peak 6	4.47	4.40	4.54
PCB-1016 Peak 7	5.28	5.21	5.35
PCB-1016 Peak 8	5.53	5.46	5.60
PCB-1260 Peak 1	6.42	6.35	6.49
PCB-1260 Peak 2	6.75	6.68	6.82
PCB-1260 Peak 3	7.39	7.32	7.46
PCB-1260 Peak 4	7.58	7.51	7.65
PCB-1260 Peak 5	7.70	7.63	7.77
PCB-1260 Peak 6	8.24	8.17	8.31
PCB-1260 Peak 7	9.41	9.34	9.48
PCB-1260 Peak 8	10.08	10.01	10.15
DCB Decachlorobiphenyl	10.60	10.50	10.70

Data File: of178344.d
 Report Date: 11-Oct-2011 12:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178344.d
 Lab Smp Id: CCV-SG1660L3_00013
 Inj Date : 10-OCT-2011 16:01
 Operator : 615
 Smp Info : CCV-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
 Meth Date : 11-Oct-2011 12:14 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 28
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 Continuing Calibration Sample
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
		CAL - AMT		ON - COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
3.005	3.005	0.000	108832	1000.00	930	80.00-	120.00	100.00	
3.467	3.467	0.000	258602	1000.00	940	190.09-	285.14	237.62	
3.748	3.748	0.000	118057	1000.00	970	86.78-	130.17	108.48	
4.003	4.003	0.000	477591	1000.00	960	351.07-	526.60	438.83	
4.170	4.170	0.000	206028	1000.00	960	151.45-	227.17	189.31	
4.468	4.468	0.000	131413	1000.00	960	96.60-	144.90	120.75	
5.283	5.283	0.000	136430	1000.00	1000	100.29-	150.43	125.36	
5.530	5.530	0.000	136304	1000.00	1000	100.19-	150.29	125.24	
Average of Peak Amounts =					964				
27 Aroclor-1260					CAS #: 11096-82-5				
6.415	6.415	0.000	327913	1000.00	970	80.00-	120.00	100.00(M)	

Data File: of178344.d
 Report Date: 11-Oct-2011 12:14

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	364928	1000.00	950	89.03-	133.55	111.29	
7.390	7.390	0.000	542373	1000.00	1000	132.32-	198.48	165.40	
7.583	7.583	0.000	253137	1000.00	980	61.76-	92.64	77.20	
7.698	7.698	0.000	147492	1000.00	980	35.98-	53.97	44.98	
8.242	8.242	0.000	308530	1000.00	1000	75.27-	112.91	94.09	
9.410	9.410	0.000	379104	1000.00	950	92.49-	138.73	115.61	
10.082	10.082	0.000	114058	1000.00	900	27.83-	41.74	34.78	
Average of Peak Amounts =					969				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.598	10.598	0.000	294813	100.000	85	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178344.d

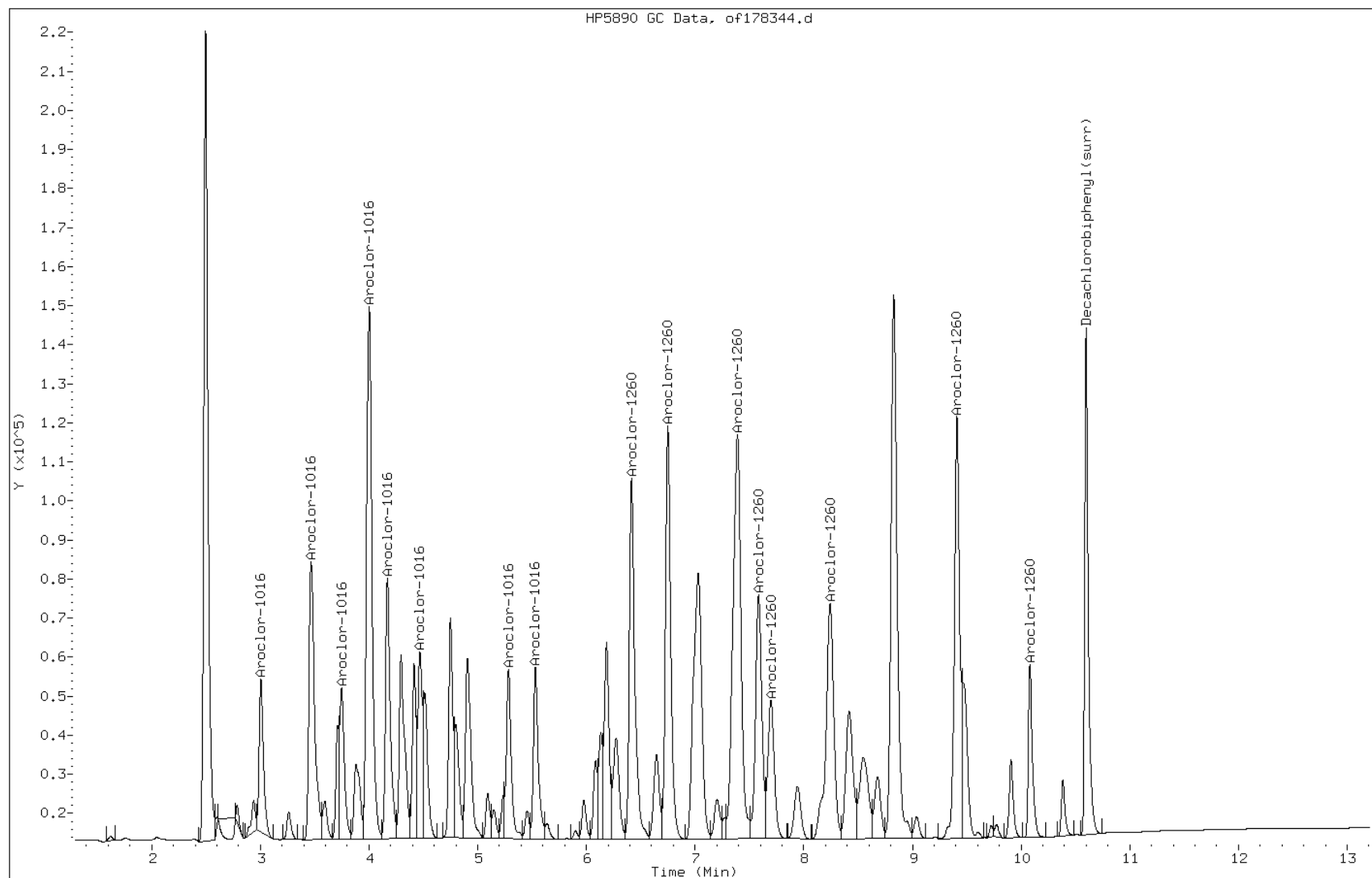
Date: 10-OCT-2011 16:01

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89063/28 Calibration Date: 10/10/2011 16:01
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178344.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.02	98.64		1020	1000	1.7	15.0
PCB-1016 Peak 2	Ave	154.8	160.5		1040	1000	3.7	15.0
PCB-1016 Peak 3	Ave	106.5	115.1		1080	1000	8.0	15.0
PCB-1016 Peak 4	Ave	326.3	341.5		1050	1000	4.6	15.0
PCB-1016 Peak 5	Ave	125.4	131.9		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	89.24	97.91		1100	1000	9.7	15.0
PCB-1016 Peak 7	Ave	160.5	149.7		933	1000	-6.7	15.0
PCB-1016 Peak 8	Ave	129.9	135.0		1040	1000	4.0	15.0
PCB-1260 Peak 1	Ave	190.7	198.8		1040	1000	4.3	15.0
PCB-1260 Peak 2	Ave	339.7	354.4		1040	1000	4.3	15.0
PCB-1260 Peak 3	Ave	323.0	339.5		1050	1000	5.1	15.0
PCB-1260 Peak 4	Ave	150.7	156.6		1040	1000	3.9	15.0
PCB-1260 Peak 5	Ave	178.1	170.0		955	1000	-4.5	15.0
PCB-1260 Peak 6	Ave	203.2	219.6		1080	1000	8.1	15.0
PCB-1260 Peak 7	Ave	109.2	117.6		1080	1000	7.7	15.0
PCB-1260 Peak 8	Ave	103.7	119.2		1150	1000	14.9	15.0
DCB Decachlorobiphenyl	Ave	3146	3194		102	100	1.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89063/28 Calibration Date: 10/10/2011 16:01
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178344.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.39	2.32	2.46
PCB-1016 Peak 2	2.72	2.65	2.79
PCB-1016 Peak 3	2.91	2.84	2.98
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.32	3.25	3.39
PCB-1016 Peak 6	3.38	3.31	3.45
PCB-1016 Peak 7	3.53	3.46	3.60
PCB-1016 Peak 8	3.76	3.69	3.83
PCB-1260 Peak 1	5.18	5.11	5.25
PCB-1260 Peak 2	5.52	5.45	5.59
PCB-1260 Peak 3	5.87	5.80	5.94
PCB-1260 Peak 4	6.01	5.94	6.08
PCB-1260 Peak 5	6.34	6.27	6.41
PCB-1260 Peak 6	7.32	7.25	7.39
PCB-1260 Peak 7	7.48	7.41	7.55
PCB-1260 Peak 8	8.70	8.63	8.77
DCB Decachlorobiphenyl	9.45	9.35	9.55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178344.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 10-OCT-2011 16:01
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.392	2.392	0.000	98638 1000.00	1000 80.00- 120.00	100.00(M)	
2.720	2.720	0.000	160490 1000.00	1000 130.16- 195.25	162.71	
2.912	2.912	0.000	115094 1000.00	1100 93.35- 140.02	116.68	
3.177	3.177	0.000	341472 1000.00	1000 276.95- 415.42	346.19	
3.318	3.318	0.000	131869 1000.00	1000 106.95- 160.43	133.69	
3.382	3.382	0.000	97913 1000.00	1100 79.41- 119.12	99.26	
3.533	3.533	0.000	149740 1000.00	930 121.45- 182.17	151.81	
3.758	3.758	0.000	135006 1000.00	1000 109.50- 164.24	136.87	
Average of Peak Amounts =			1.04e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.178	5.178	0.000	198804 1000.00	1000 80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.520	5.520	0.000	354402	1000.00	1000	142.61-	213.92	178.27
5.865	5.865	0.000	339450	1000.00	1000	136.60-	204.90	170.75
6.013	6.013	0.000	156566	1000.00	1000	63.00-	94.50	78.75
6.343	6.343	0.000	169999	1000.00	950	68.41-	102.61	85.51
7.317	7.317	0.000	219622	1000.00	1100	88.38-	132.57	110.47
7.482	7.482	0.000	117607	1000.00	1100	47.33-	70.99	59.16
8.697	8.697	0.000	119197	1000.00	1100	47.97-	71.95	59.96
Average of Peak Amounts =					1.05e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.447	9.447	0.000	319419	100.000	100	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or178344.d

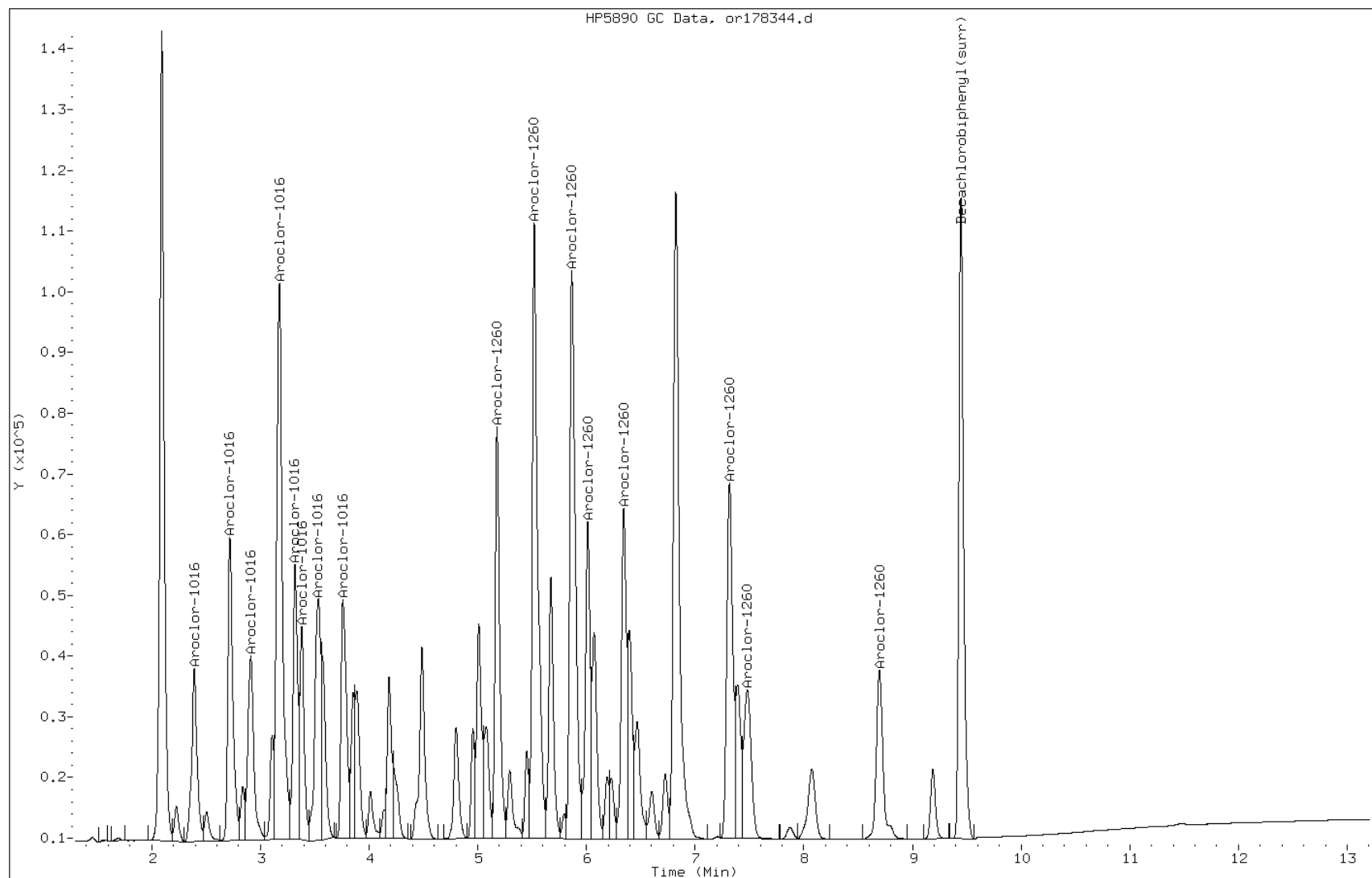
Date: 10-OCT-2011 16:01

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89203/2 Calibration Date: 10/10/2011 16:34
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178346.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.5	111.8		951	1000	-4.9	15.0
PCB-1016 Peak 2	Ave	275.8	265.3		962	1000	-3.8	15.0
PCB-1016 Peak 3	Ave	121.9	121.9		1000	1000	0.0	15.0
PCB-1016 Peak 4	Ave	498.4	493.6		990	1000	-1.0	15.0
PCB-1016 Peak 5	Ave	213.6	213.7		1000	1000	0.0	15.0
PCB-1016 Peak 6	Ave	137.1	136.6		996	1000	-0.4	15.0
PCB-1016 Peak 7	Ave	136.6	143.6		1050	1000	5.1	15.0
PCB-1016 Peak 8	Ave	136.4	143.1		1050	1000	4.9	15.0
PCB-1260 Peak 1	Ave	339.2	344.1		1010	1000	1.5	15.0
PCB-1260 Peak 2	Ave	382.6	382.4		999	1000	-0.0	15.0
PCB-1260 Peak 3	Ave	543.1	569.5		1050	1000	4.9	15.0
PCB-1260 Peak 4	Ave	258.7	266.4		1030	1000	3.0	15.0
PCB-1260 Peak 5	Ave	151.1	155.4		1030	1000	2.8	15.0
PCB-1260 Peak 6	Ave	301.9	324.1		1070	1000	7.4	15.0
PCB-1260 Peak 7	Ave	397.1	406.8		1020	1000	2.4	15.0
PCB-1260 Peak 8	Ave	126.3	123.4		977	1000	-2.3	15.0
DCB Decachlorobiphenyl	Ave	3466	3126		90.2	100	-9.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89203/2 Calibration Date: 10/10/2011 16:34
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178346.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.40	3.54
PCB-1016 Peak 3	3.75	3.68	3.82
PCB-1016 Peak 4	4.00	3.94	4.08
PCB-1016 Peak 5	4.17	4.10	4.24
PCB-1016 Peak 6	4.47	4.40	4.54
PCB-1016 Peak 7	5.28	5.21	5.35
PCB-1016 Peak 8	5.53	5.46	5.60
PCB-1260 Peak 1	6.41	6.35	6.49
PCB-1260 Peak 2	6.75	6.68	6.82
PCB-1260 Peak 3	7.39	7.32	7.46
PCB-1260 Peak 4	7.58	7.51	7.65
PCB-1260 Peak 5	7.70	7.63	7.77
PCB-1260 Peak 6	8.24	8.17	8.31
PCB-1260 Peak 7	9.41	9.34	9.48
PCB-1260 Peak 8	10.08	10.01	10.15
DCB Decachlorobiphenyl	10.60	10.50	10.70

Data File: of178346.d
Report Date: 12-Oct-2011 12:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/of178346.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-OCT-2011 16:34
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/080f8082.m
Meth Date : 12-Oct-2011 12:32 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
3.003	3.003	0.000	111762 1000.00	950	80.00- 120.00	100.00
3.465	3.465	0.000	265326 1000.00	960	189.92- 284.88	237.40
3.747	3.747	0.000	121864 1000.00	1000	87.23- 130.85	109.04
4.002	4.002	0.000	493563 1000.00	990	353.30- 529.94	441.62
4.168	4.168	0.000	213654 1000.00	1000	152.93- 229.40	191.17
4.467	4.467	0.000	136564 1000.00	1000	97.75- 146.63	122.19
5.282	5.282	0.000	143573 1000.00	1000	102.77- 154.16	128.46
5.528	5.528	0.000	143134 1000.00	1000	102.46- 153.68	128.07
Average of Peak Amounts =				1e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
6.413	6.413	0.000	344147 1000.00	1000	80.00- 120.00	100.00(M)

Data File: of178346.d
 Report Date: 12-Oct-2011 12:32

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL - AMT (ug/L)	ON - COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.748	6.748	0.000	382354	1000.00	1000	88.88-	133.32	111.10
7.388	7.388	0.000	569499	1000.00	1000	132.39-	198.58	165.48
7.582	7.582	0.000	266382	1000.00	1000	61.92-	92.88	77.40
7.697	7.697	0.000	155361	1000.00	1000	36.12-	54.17	45.14
8.238	8.238	0.000	324063	1000.00	1100	75.33-	113.00	94.16
9.408	9.408	0.000	406783	1000.00	1000	94.56-	141.84	118.20
10.080	10.080	0.000	123353	1000.00	980	28.67-	43.01	35.84
Average of Peak Amounts =					1.02e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.597	10.597	0.000	312643	100.000	90	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178346.d

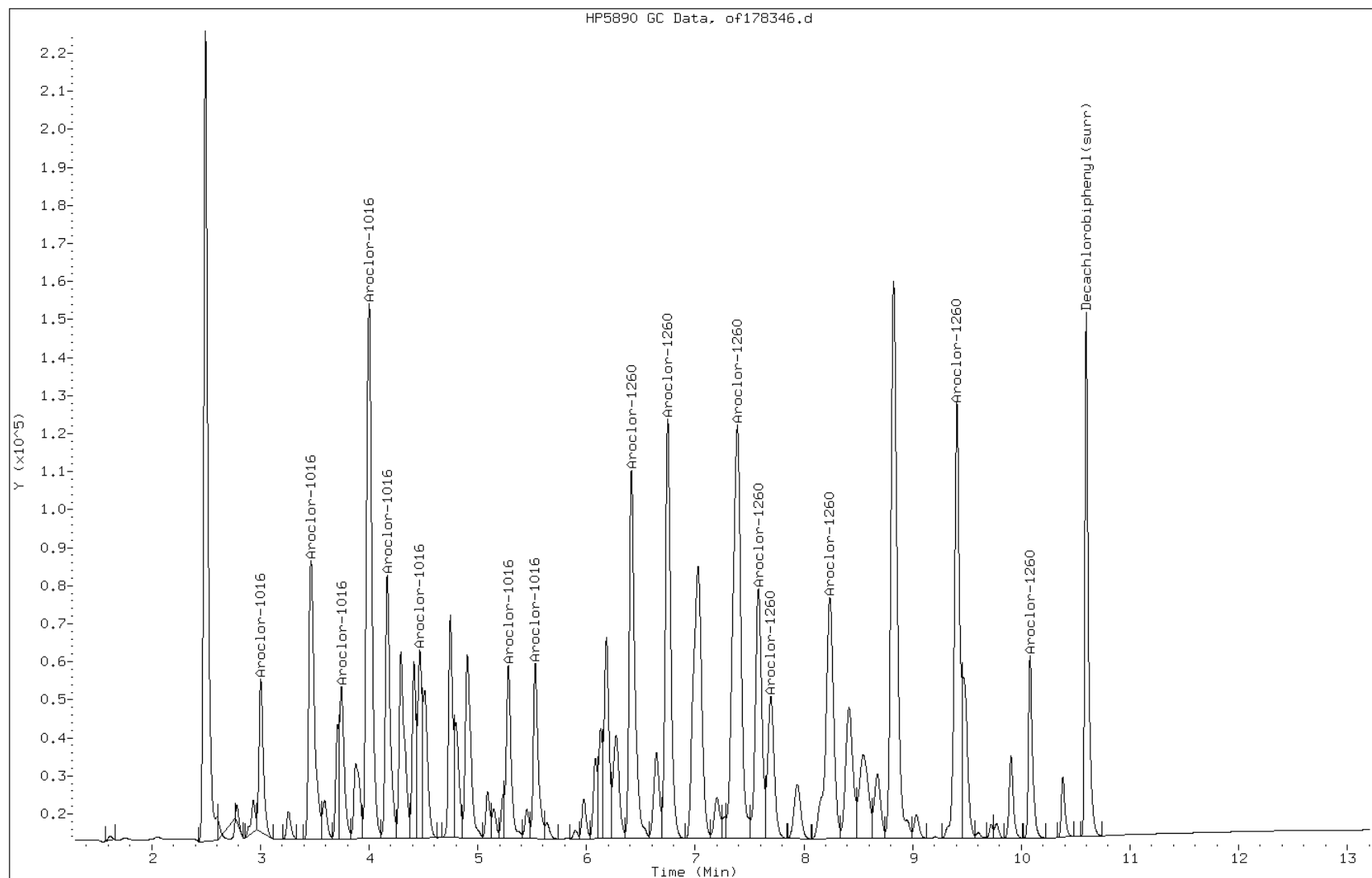
Date: 10-OCT-2011 16:34

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89203/2 Calibration Date: 10/10/2011 16:34
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178346.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.02	100.2		1030	1000	3.3	15.0
PCB-1016 Peak 2	Ave	154.8	162.3		1050	1000	4.9	15.0
PCB-1016 Peak 3	Ave	106.5	116.5		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	326.3	348.3		1070	1000	6.7	15.0
PCB-1016 Peak 5	Ave	125.4	132.8		1060	1000	5.9	15.0
PCB-1016 Peak 6	Ave	89.24	99.7		1120	1000	11.8	15.0
PCB-1016 Peak 7	Ave	160.5	149.3		930	1000	-7.0	15.0
PCB-1016 Peak 8	Ave	129.9	138.6		1070	1000	6.7	15.0
PCB-1260 Peak 1	Ave	190.7	205.5		1080	1000	7.8	15.0
PCB-1260 Peak 2	Ave	339.7	367.6		1080	1000	8.2	15.0
PCB-1260 Peak 3	Ave	323.0	348.9		1080	1000	8.0	15.0
PCB-1260 Peak 4	Ave	150.7	160.9		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	178.1	177.6		997	1000	-0.3	15.0
PCB-1260 Peak 6	Ave	203.2	226.2		1110	1000	11.3	15.0
PCB-1260 Peak 7	Ave	109.2	121.1		1110	1000	10.9	15.0
PCB-1260 Peak 8	Ave	103.7	113.4		1090	1000	9.3	15.0
DCB Decachlorobiphenyl	Ave	3146	3341		106	100	6.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89203/2 Calibration Date: 10/10/2011 16:34
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178346.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.39	2.33	2.47
PCB-1016 Peak 2	2.72	2.65	2.79
PCB-1016 Peak 3	2.91	2.85	2.99
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.32	3.25	3.39
PCB-1016 Peak 6	3.38	3.31	3.45
PCB-1016 Peak 7	3.53	3.47	3.61
PCB-1016 Peak 8	3.76	3.69	3.83
PCB-1260 Peak 1	5.18	5.11	5.25
PCB-1260 Peak 2	5.52	5.45	5.59
PCB-1260 Peak 3	5.87	5.80	5.94
PCB-1260 Peak 4	6.01	5.95	6.09
PCB-1260 Peak 5	6.35	6.28	6.42
PCB-1260 Peak 6	7.32	7.25	7.39
PCB-1260 Peak 7	7.48	7.41	7.55
PCB-1260 Peak 8	8.70	8.63	8.77
DCB Decachlorobiphenyl	9.45	9.35	9.55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/or178346.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-OCT-2011 16:34
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/080r8082.m
Meth Date : 12-Oct-2011 12:31 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2			
2.392	2.395	-0.003	100182	1000.00	1000	80.00-	120.00	100.00(M)
2.720	2.723	-0.003	162286	1000.00	1000	131.85-	197.77	161.99
2.912	2.915	-0.003	116503	1000.00	1100	94.56-	141.83	116.29
3.175	3.178	-0.003	348300	1000.00	1100	280.74-	421.12	347.67
3.318	3.322	-0.004	132799	1000.00	1000	106.83-	160.25	132.56
3.382	3.383	-0.001	99732	1000.00	1100	79.90-	119.84	99.55
3.533	3.537	-0.004	149316	1000.00	930	124.78-	187.17	149.04
3.758	3.762	-0.004	138552	1000.00	1100	110.94-	166.41	138.30
Average of Peak Amounts =					1.05e+03			

27 Aroclor-1260					CAS #: 11096-82-5			
5.178	5.180	-0.002	205469	1000.00	1100	80.00-	120.00	100.00(M)

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.520	5.523	-0.003	367583	1000.00	1100	143.20-	214.81	178.90	
5.867	5.867	0.000	348944	1000.00	1100	133.11-	199.66	169.83	
6.013	6.015	-0.002	160931	1000.00	1100	62.17-	93.25	78.32	
6.345	6.345	0.000	177564	1000.00	1000	67.34-	101.02	86.42	
7.317	7.318	-0.001	226200	1000.00	1100	88.41-	132.61	110.09	
7.482	7.483	-0.001	121143	1000.00	1100	46.39-	69.59	58.96	
8.697	8.698	-0.001	113358	1000.00	1100	45.03-	67.54	55.17	
Average of Peak Amounts =					1.08e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.447	9.447	0.000	334063	100.000	110	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178346.d

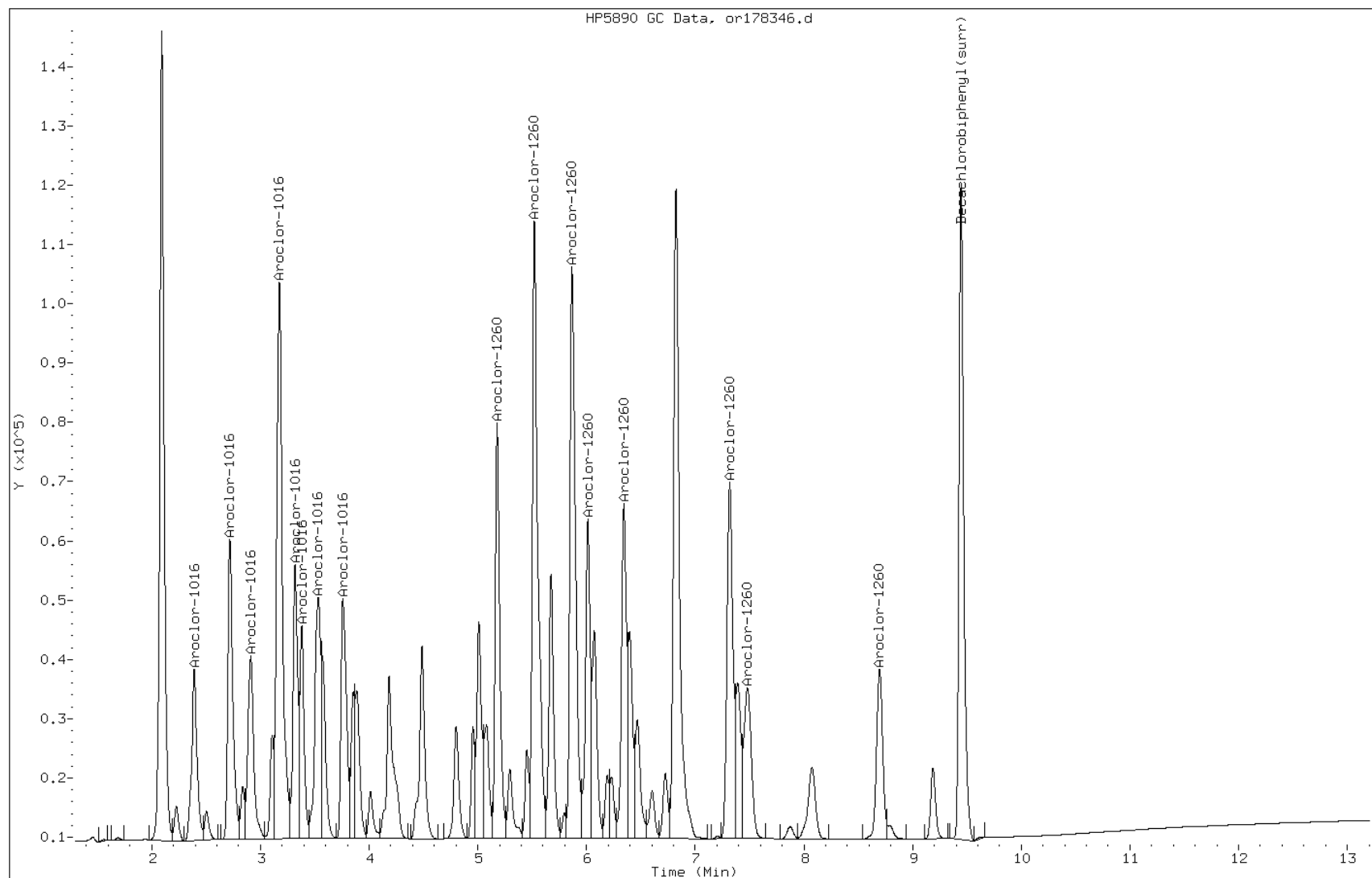
Date: 10-OCT-2011 16:34

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89203/33 Calibration Date: 10/11/2011 01:03
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178377.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.5	124.7		1060	1000	6.2	15.0
PCB-1016 Peak 2	Ave	275.8	267.8		971	1000	-2.9	15.0
PCB-1016 Peak 3	Ave	121.9	122.7		1010	1000	0.7	15.0
PCB-1016 Peak 4	Ave	498.4	494.7		993	1000	-0.7	15.0
PCB-1016 Peak 5	Ave	213.6	213.2		998	1000	-0.2	15.0
PCB-1016 Peak 6	Ave	137.1	132.8		969	1000	-3.1	15.0
PCB-1016 Peak 7	Ave	136.6	140.4		1030	1000	2.8	15.0
PCB-1016 Peak 8	Ave	136.4	141.6		1040	1000	3.8	15.0
PCB-1260 Peak 1	Ave	339.2	342.9		1010	1000	1.1	15.0
PCB-1260 Peak 2	Ave	382.6	381.4		997	1000	-0.3	15.0
PCB-1260 Peak 3	Ave	543.1	564.1		1040	1000	3.9	15.0
PCB-1260 Peak 4	Ave	258.7	265.2		1030	1000	2.5	15.0
PCB-1260 Peak 5	Ave	151.1	154.7		1020	1000	2.3	15.0
PCB-1260 Peak 6	Ave	301.9	325.6		1080	1000	7.9	15.0
PCB-1260 Peak 7	Ave	397.1	374.9		944	1000	-5.6	15.0
PCB-1260 Peak 8	Ave	126.3	133.8		1060	1000	5.9	15.0
DCB Decachlorobiphenyl	Ave	3466	3234		93.3	100	-6.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89203/33 Calibration Date: 10/11/2011 01:03
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of178377.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.01	2.94	3.08
PCB-1016 Peak 2	3.47	3.40	3.54
PCB-1016 Peak 3	3.75	3.68	3.82
PCB-1016 Peak 4	4.01	3.94	4.08
PCB-1016 Peak 5	4.17	4.10	4.24
PCB-1016 Peak 6	4.47	4.40	4.54
PCB-1016 Peak 7	5.28	5.21	5.35
PCB-1016 Peak 8	5.53	5.46	5.60
PCB-1260 Peak 1	6.42	6.35	6.49
PCB-1260 Peak 2	6.75	6.68	6.82
PCB-1260 Peak 3	7.39	7.32	7.46
PCB-1260 Peak 4	7.58	7.51	7.65
PCB-1260 Peak 5	7.70	7.63	7.77
PCB-1260 Peak 6	8.24	8.17	8.31
PCB-1260 Peak 7	9.41	9.34	9.48
PCB-1260 Peak 8	10.08	10.01	10.15
DCB Decachlorobiphenyl	10.60	10.50	10.70

Data File: of178377.d
Report Date: 12-Oct-2011 12:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/of178377.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 11-OCT-2011 01:03
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11b.b/080f8082.m
Meth Date : 12-Oct-2011 12:35 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
3.008	3.008	0.000	124707 1000.00	1100 80.00-	120.00	100.00
3.470	3.470	0.000	267776 1000.00	970 171.78-	257.67	214.72
3.750	3.750	0.000	122733 1000.00	1000 78.73-	118.10	98.42
4.005	4.005	0.000	494681 1000.00	990 317.34-	476.01	396.67
4.170	4.170	0.000	213217 1000.00	1000 136.78-	205.17	170.97
4.470	4.470	0.000	132835 1000.00	970 85.21-	127.82	106.52
5.283	5.283	0.000	140438 1000.00	1000 90.09-	135.14	112.61
5.532	5.532	0.000	141614 1000.00	1000 90.85-	136.27	113.56
Average of Peak Amounts =			1.01e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.415	6.415	0.000	342946 1000.00	1000 80.00-	120.00	100.00(M)

Data File: of178377.d
 Report Date: 12-Oct-2011 12:36

AMOUNTS								
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
6.750	6.750	0.000	381363	1000.00	1000	88.96- 133.44	111.20	
7.390	7.390	0.000	564050	1000.00	1000	131.58- 197.37	164.47	
7.583	7.583	0.000	265225	1000.00	1000	61.87- 92.80	77.34	
7.698	7.698	0.000	154689	1000.00	1000	36.08- 54.13	45.11	
8.242	8.242	0.000	325623	1000.00	1100	75.96- 113.94	94.95	
9.408	9.408	0.000	374907	1000.00	940	87.46- 131.18	109.32	
10.080	10.080	0.000	133770	1000.00	1000	31.20- 46.81	39.01	
Average of Peak Amounts =					1.02e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.598	10.598	0.000	323399	100.000	93	80.00- 120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178377.d

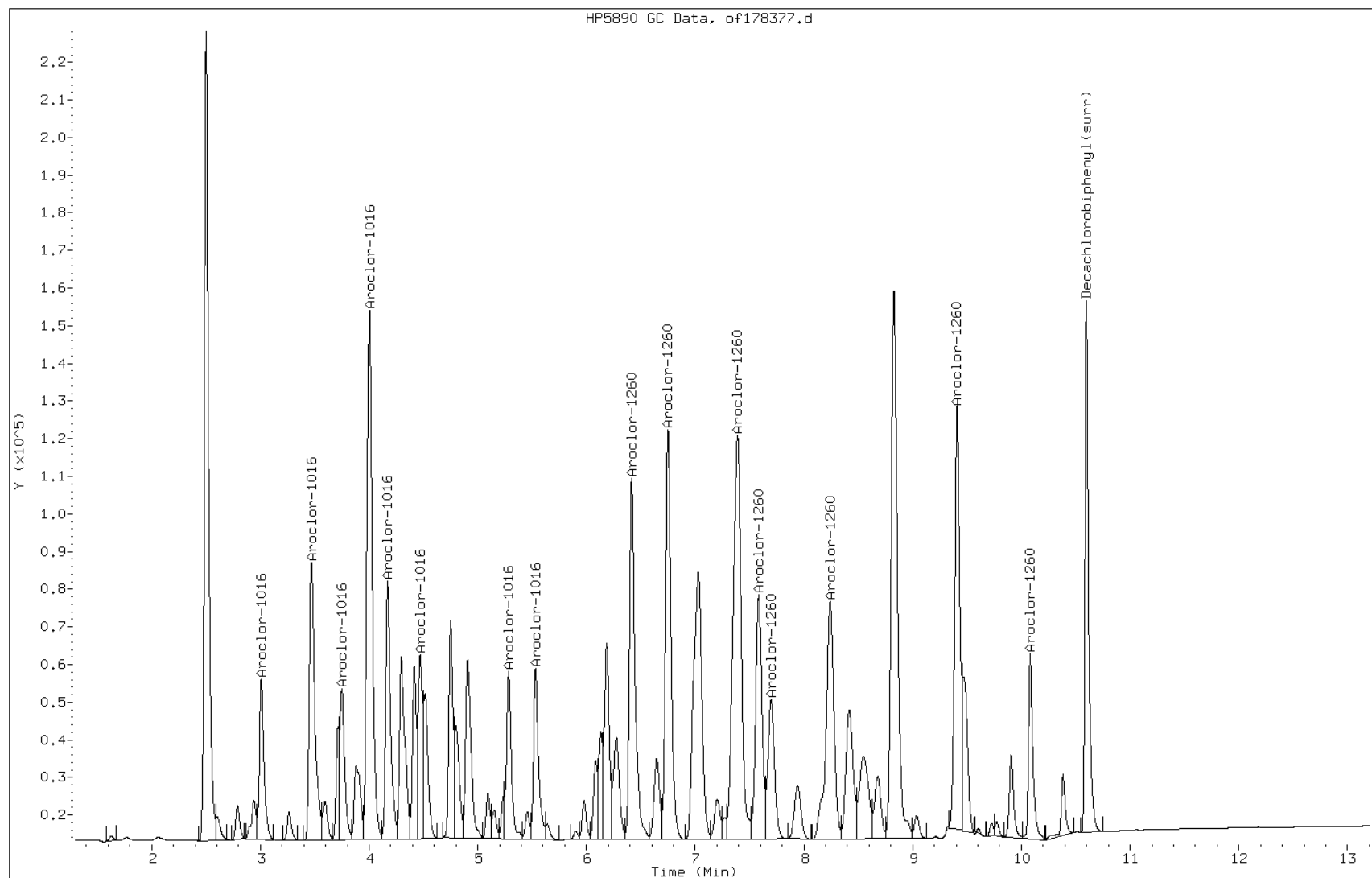
Date: 11-OCT-2011 01:03

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89203/33 Calibration Date: 10/11/2011 01:03
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178377.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.02	100.6		1040	1000	3.7	15.0
PCB-1016 Peak 2	Ave	154.8	165.8		1070	1000	7.1	15.0
PCB-1016 Peak 3	Ave	106.5	118.9		1120	1000	11.6	15.0
PCB-1016 Peak 4	Ave	326.3	353.0		1080	1000	8.2	15.0
PCB-1016 Peak 5	Ave	125.4	134.3		1070	1000	7.1	15.0
PCB-1016 Peak 6	Ave	89.24	100.5		1130	1000	12.6	15.0
PCB-1016 Peak 7	Ave	160.5	156.9		978	1000	-2.2	15.0
PCB-1016 Peak 8	Ave	129.9	139.5		1070	1000	7.4	15.0
PCB-1260 Peak 1	Ave	190.7	208.0		1090	1000	9.1	15.0
PCB-1260 Peak 2	Ave	339.7	372.4		1100	1000	9.6	15.0
PCB-1260 Peak 3	Ave	323.0	346.1		1070	1000	7.1	15.0
PCB-1260 Peak 4	Ave	150.7	161.6		1070	1000	7.3	15.0
PCB-1260 Peak 5	Ave	178.1	175.1		983	1000	-1.7	15.0
PCB-1260 Peak 6	Ave	203.2	229.9		1130	1000	13.1	15.0
PCB-1260 Peak 7	Ave	109.2	120.6		1100	1000	10.5	15.0
PCB-1260 Peak 8	Ave	103.7	117.1		1130	1000	12.9	15.0
DCB Decachlorobiphenyl	Ave	3146	3367		107	100	7.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89203/33 Calibration Date: 10/11/2011 01:03
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or178377.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.40	2.33	2.47
PCB-1016 Peak 2	2.72	2.65	2.79
PCB-1016 Peak 3	2.92	2.85	2.99
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.32	3.25	3.39
PCB-1016 Peak 6	3.38	3.31	3.45
PCB-1016 Peak 7	3.54	3.47	3.61
PCB-1016 Peak 8	3.76	3.69	3.83
PCB-1260 Peak 1	5.18	5.11	5.25
PCB-1260 Peak 2	5.52	5.45	5.59
PCB-1260 Peak 3	5.87	5.80	5.94
PCB-1260 Peak 4	6.02	5.95	6.09
PCB-1260 Peak 5	6.35	6.28	6.42
PCB-1260 Peak 6	7.32	7.25	7.39
PCB-1260 Peak 7	7.48	7.41	7.55
PCB-1260 Peak 8	8.70	8.63	8.77
DCB Decachlorobiphenyl	9.45	9.35	9.55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/or178377.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 11-OCT-2011 01:03
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b/080r8082.m
Meth Date : 12-Oct-2011 12:31 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.395	2.395	0.000	100583 1000.00	1000 80.00- 120.00	100.00(M)	
2.723	2.723	0.000	165769 1000.00	1100 131.85- 197.77	164.81	
2.915	2.915	0.000	118883 1000.00	1100 94.56- 141.83	118.19	
3.178	3.178	0.000	352977 1000.00	1100 280.74- 421.12	350.93	
3.322	3.322	0.000	134320 1000.00	1100 106.83- 160.25	133.54	
3.383	3.383	0.000	100453 1000.00	1100 79.90- 119.84	99.87	
3.537	3.537	0.000	156885 1000.00	980 124.78- 187.17	155.98	
3.762	3.762	0.000	139482 1000.00	1100 110.94- 166.41	138.67	
Average of Peak Amounts =			1.07e+03			

27 Aroclor-1260			CAS #: 11096-82-5			
5.180	5.180	0.000	208015 1000.00	1100 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.523	5.523	0.000	372358	1000.00	1100	143.20-	214.81	179.01	
5.867	5.867	0.000	346100	1000.00	1100	133.11-	199.66	166.38	
6.015	6.015	0.000	161641	1000.00	1100	62.17-	93.25	77.71	
6.345	6.345	0.000	175108	1000.00	980	67.34-	101.02	84.18	
7.318	7.318	0.000	229871	1000.00	1100	88.41-	132.61	110.51	
7.483	7.483	0.000	120623	1000.00	1100	46.39-	69.59	57.99	
8.698	8.698	0.000	117084	1000.00	1100	45.03-	67.54	56.29	
Average of Peak Amounts =					1.08e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.447	9.447	0.000	336664	100.000	110	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178377.d

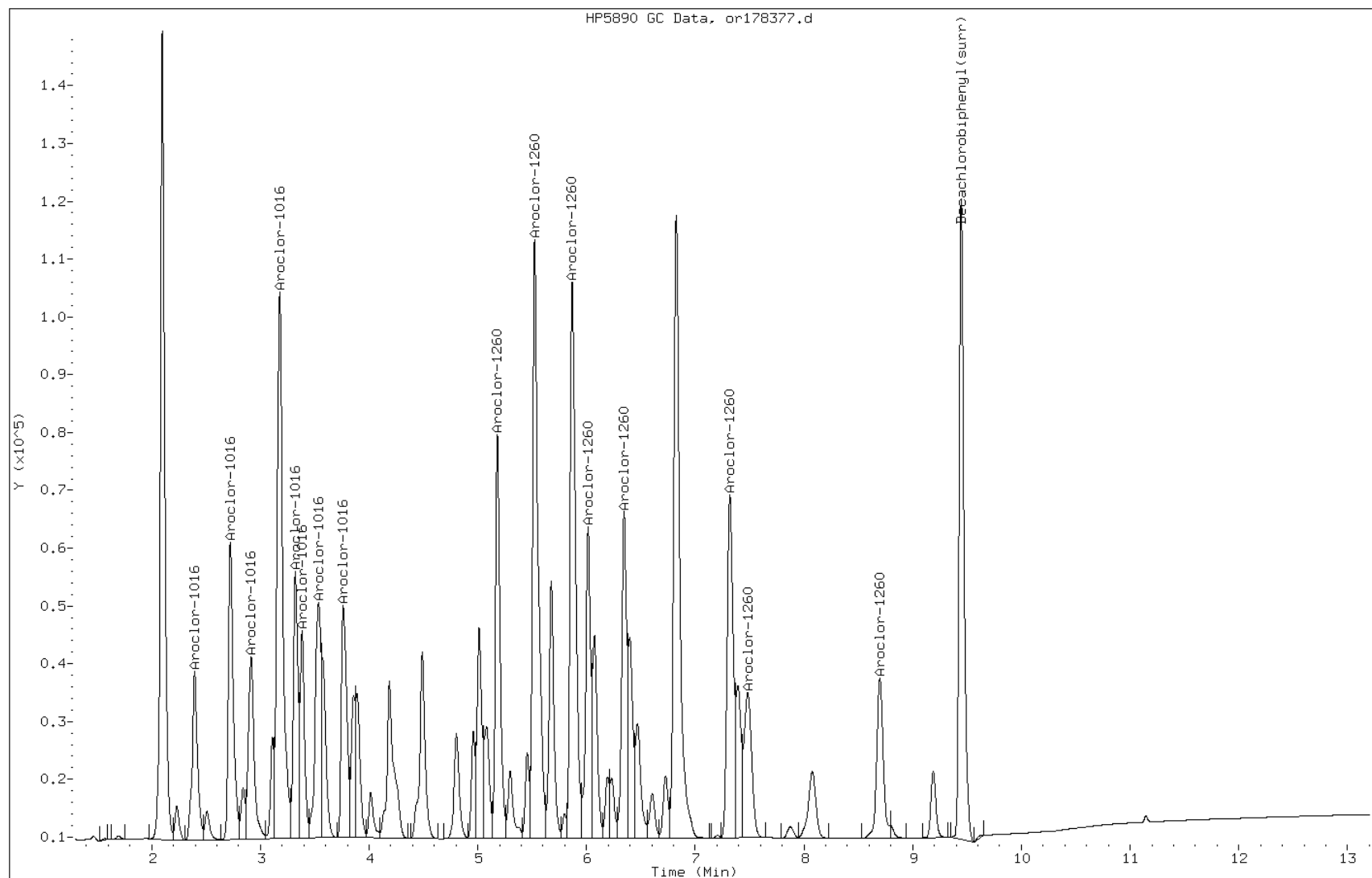
Date: 11-OCT-2011 01:03

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88836/1-A
Matrix: Solid Lab File ID: of178333.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
Sample wt/vol: 15.00 (g) Date Analyzed: 10/10/2011 12:52
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

Data File: of178333.d
Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178333.d
Lab Smp Id: MB 460-88836/1-A
Inj Date : 10-OCT-2011 12:52
Operator : 615
Smp Info : MB 460-88836/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of178210.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.602	10.598	0.004	174677	50.4004	34 80.00- 120.00	100.00

Data File: of178333.d

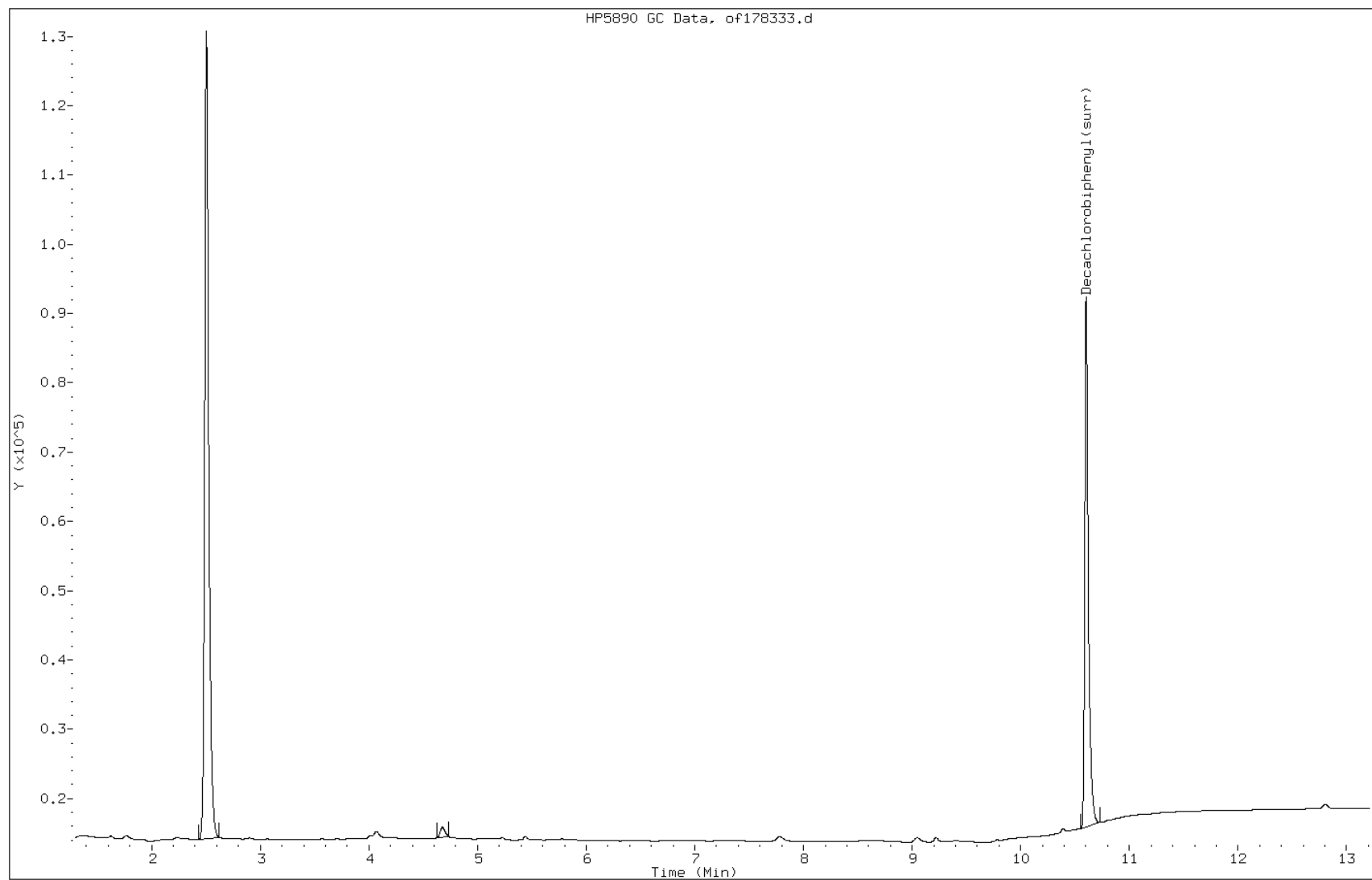
Date: 10-OCT-2011 12:52

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-88836/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88836/1-A
 Matrix: Solid Lab File ID: or178333.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 12:52
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	67	U	67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	67	U	67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178333.d
Lab Smp Id: MB 460-88836/1-A
Inj Date : 10-OCT-2011 12:52
Operator : 615
Smp Info : MB 460-88836/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.448	9.447	0.001	185264	58.8850	39 80.00- 120.00	100.00

Data File: or178333.d

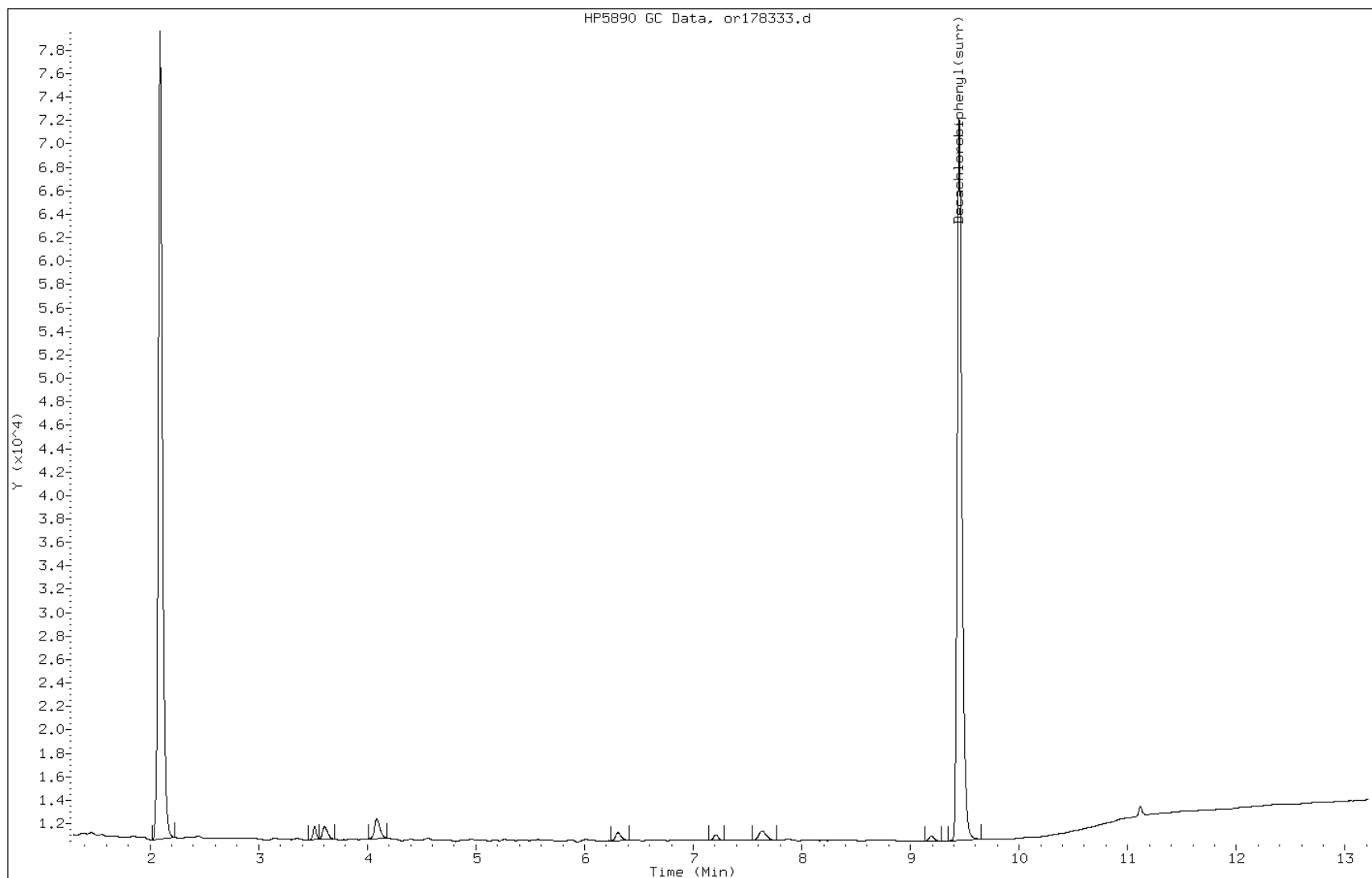
Date: 10-OCT-2011 12:52

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-88836/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88836/2-A
 Matrix: Solid Lab File ID: of178334.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	319		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	290		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		30-150

Data File: of178334.d
 Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178334.d
 Lab Smp Id: LCS 460-88836/2-A
 Inj Date : 10-OCT-2011 13:09
 Operator : 615
 Smp Info : LCS 460-88836/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
 Meth Date : 11-Oct-2011 12:11 shanthi
 Cal Date : 04-OCT-2011 12:52
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of178210.d
 QC Sample: BS
 Compound Sublist: AllPCB.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE (ug/L)	(ug/kg)	=====	=====		=====
21 Aroclor-1016				CAS #: 12674-11-2				
3.007	3.005	0.002	62162	529.175	350	80.00-	120.00	100.00
3.468	3.467	0.001	138116	500.764	330	172.85-	259.28	222.19
3.748	3.748	0.000	58702	481.705	320	79.52-	119.28	94.43
4.003	4.003	0.000	251549	504.748	340	320.69-	481.04	404.67
4.170	4.170	0.000	106423	498.216	330	138.88-	208.32	171.20
4.470	4.468	0.002	66852	487.750	320	86.86-	130.29	107.54
5.285	5.283	0.002	57943	424.184	280	93.70-	140.55	93.21
5.532	5.532	0.000	54054	396.223	260	93.77-	140.65	86.96
Average of Peak Concentrations =					320			

27 Aroclor-1260				CAS #: 11096-82-5				
6.417	6.415	0.002	148827	438.749	290	80.00-	120.00	100.00(M)

Data File: of178334.d
 Report Date: 11-Oct-2011 12:13

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.750	6.750	0.000	170134	444.683	300	88.88-	133.31	114.32
7.392	7.390	0.002	253713	467.138	310	128.81-	193.22	170.48
7.585	7.585	0.000	117346	453.538	300	61.64-	92.46	78.85
7.700	7.698	0.002	67615	447.339	300	35.87-	53.80	45.43
8.243	8.243	0.000	140165	464.331	310	75.18-	112.77	94.18
9.412	9.410	0.002	154955	390.206	260	92.73-	139.10	104.12
10.082	10.082	0.000	47664	377.507	250	29.29-	43.93	32.03
Average of Peak Concentrations =					290			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.598	10.598	0.000	171232	49.4064	33	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178334.d

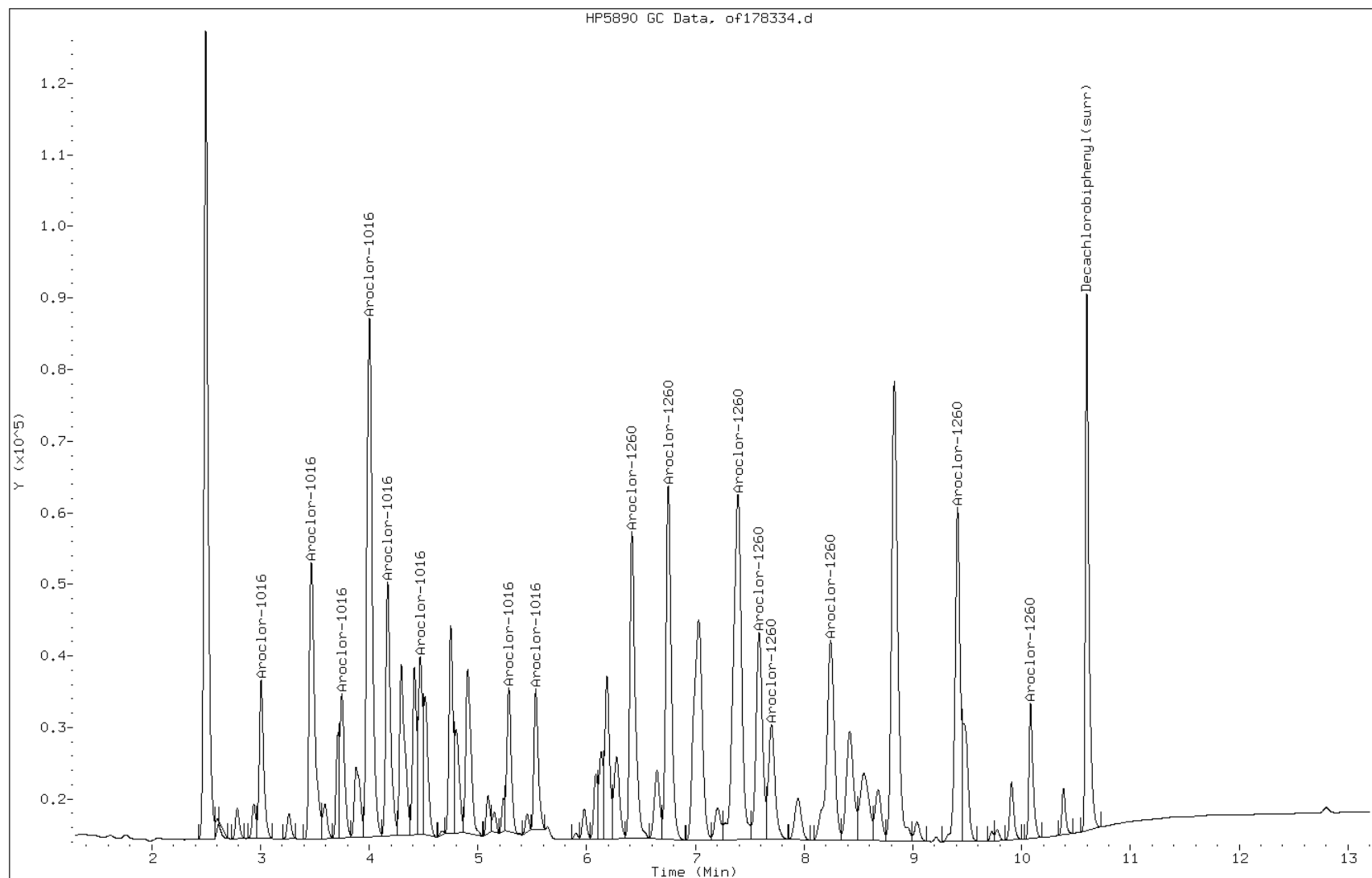
Date: 10-OCT-2011 13:09

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-88836/2-A

Operator: 615



Manual Integration Report

Data File: of178334.d
Inj. Date and Time: 10-OCT-2011 13:09
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/12/2011

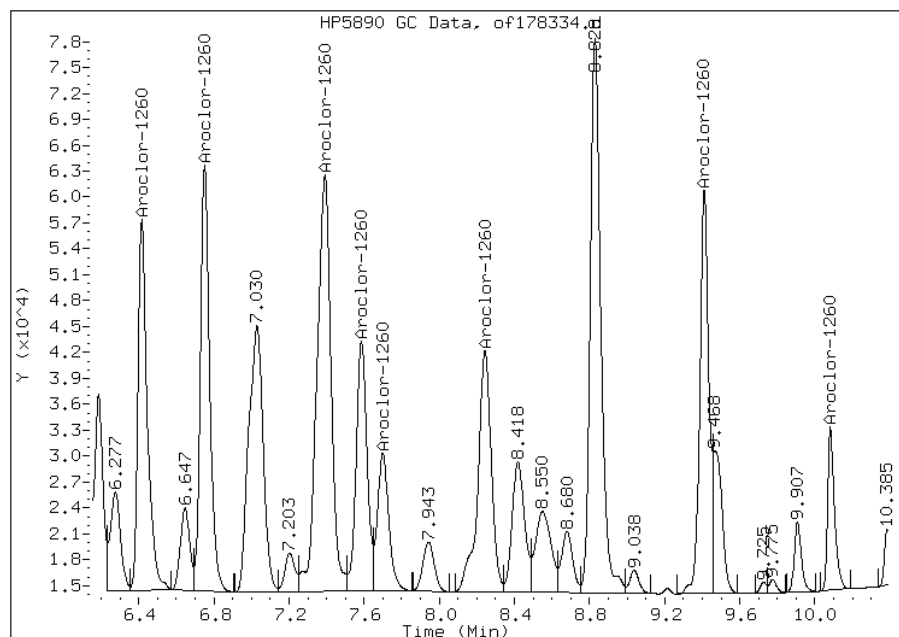
Processing Integration Results

Not Detected

Expected RT: 6.42

Manual Integration Results

RT: 6.42
Response: 148827
Amount: 435.44
Conc: 290.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88836/2-A
 Matrix: Solid Lab File ID: or178334.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	355		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	319		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178334.d
Lab Smp Id: LCS 460-88836/2-A
Inj Date : 10-OCT-2011 13:09
Operator : 615
Smp Info : LCS 460-88836/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi
Cal Date : 04-OCT-2011 12:52
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or178210.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.392	2.392	0.000	49074	505.831	340	80.00-	120.00	100.00(M)
2.720	2.720	0.000	84693	547.228	360	130.16-	195.25	172.58
2.913	2.912	0.001	58219	546.470	360	93.35-	140.02	118.64
3.177	3.177	0.000	176806	541.803	360	276.95-	415.42	360.28
3.320	3.318	0.002	68539	546.607	360	106.95-	160.43	139.66
3.382	3.382	0.000	47670	534.167	360	79.41-	119.12	97.14
3.533	3.533	0.000	78205	487.308	320	121.45-	182.17	159.36
3.760	3.758	0.002	70720	544.612	360	109.50-	164.24	144.11
Average of Peak Concentrations =					350			

27 Aroclor-1260					CAS #: 11096-82-5			
5.180	5.178	0.002	95790	502.352	330	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.522	5.520	0.002	169387	498.595	330	142.61-	213.92	176.83
5.867	5.865	0.002	156271	483.756	320	136.60-	204.90	163.14
6.015	6.013	0.002	72266	479.506	320	63.00-	94.50	75.44
6.345	6.343	0.002	79974	449.038	300	68.41-	102.61	83.49
7.318	7.317	0.001	0			88.38-	132.57	0.00
7.482	7.482	0.000	50710	464.334	310	47.33-	70.99	52.94
8.697	8.697	0.000	48777	470.349	310	47.97-	71.95	50.92
Average of Peak Concentrations =					320			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.447	9.447	0.000	186805	59.3748	40	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or178334.d

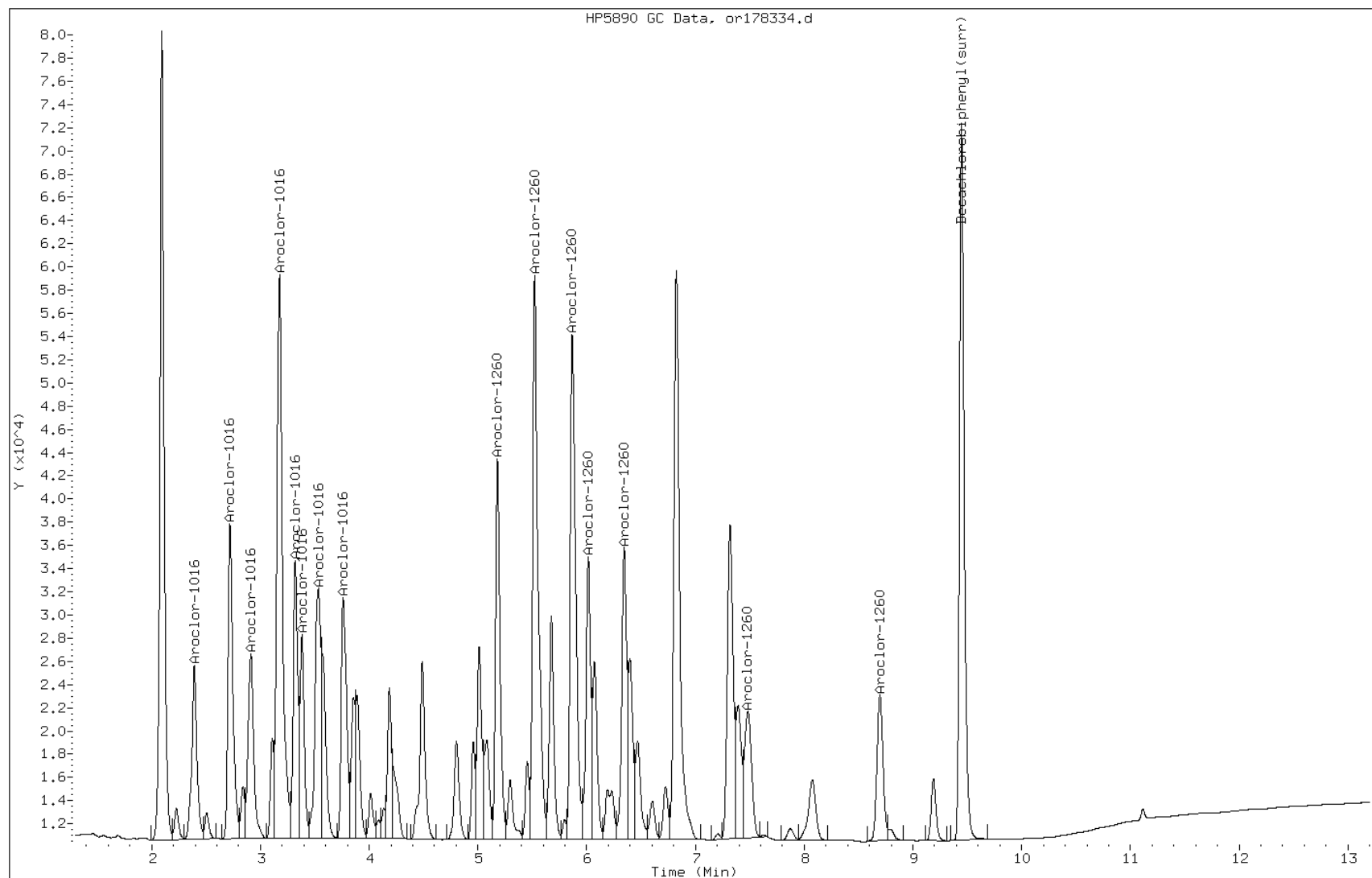
Date: 10-OCT-2011 13:09

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-88836/2-A

Operator: 615



Manual Integration Report

Data File: or178334.d
Inj. Date and Time: 10-OCT-2011 13:09
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/11/2011

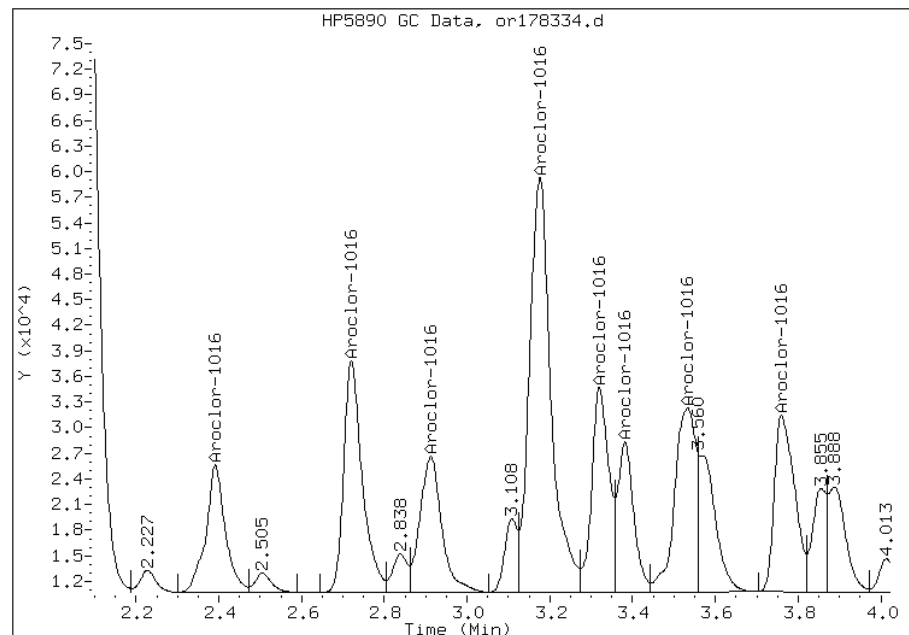
Processing Integration Results

Not Detected

Expected RT: 2.39

Manual Integration Results

RT: 2.39
Response: 49074
Amount: 531.75
Conc: 350.00



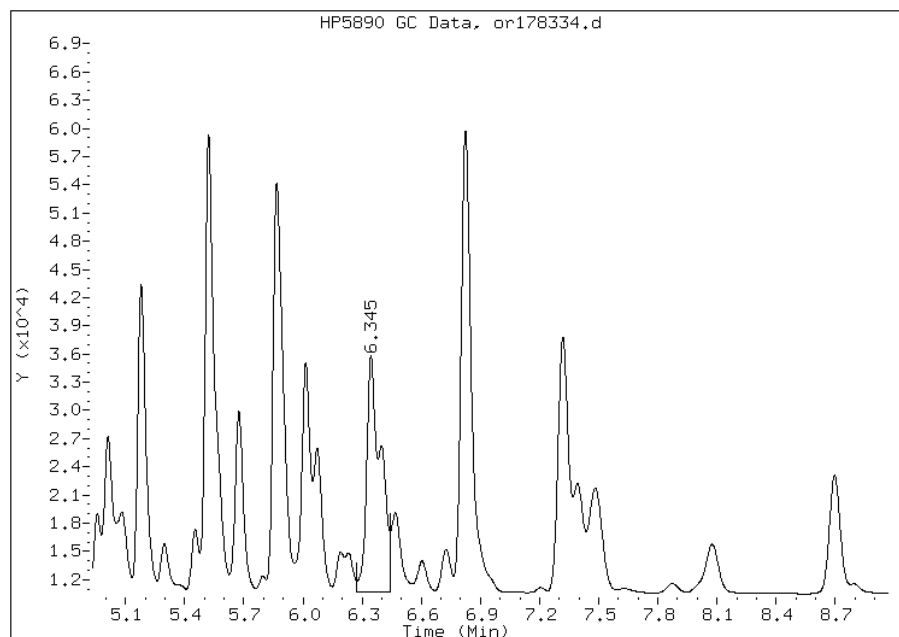
Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or178334.d
Inj. Date and Time: 10-OCT-2011 13:09
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/11/2011

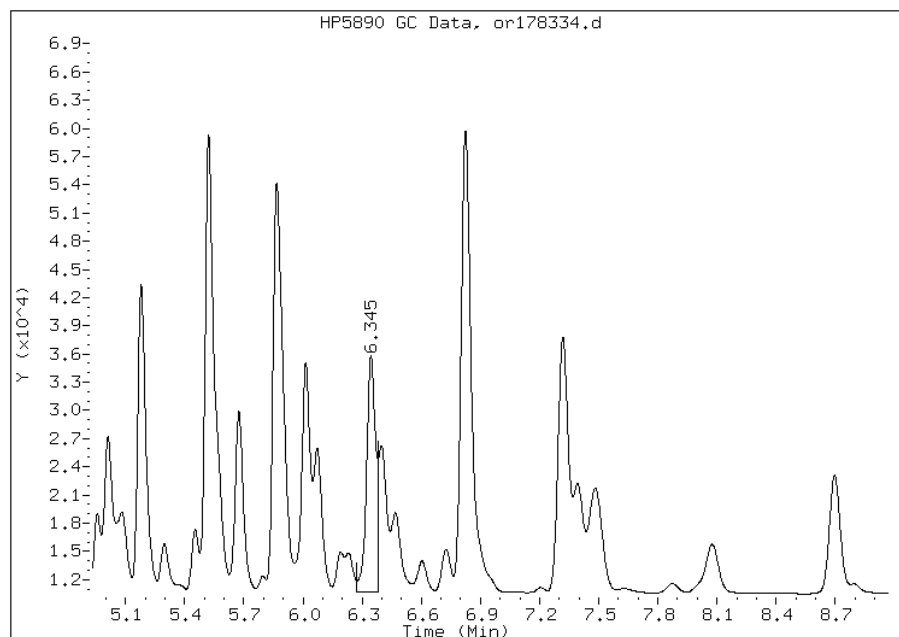
Processing Integration Results

RT: 6.34
Response: 122994
Amount: 512.79
Conc: 340.00



Manual Integration Results

RT: 6.34
Response: 79974
Amount: 478.28
Conc: 320.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS
 Matrix: Solid Lab File ID: of178336.d
 Analysis Method: 8082 Date Collected: 10/05/2011 14:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.03(g) Date Analyzed: 10/10/2011 13:42
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	295		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	278		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: of178336.d
 Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178336.d
 Lab Smp Id: 460-32125-D-8-B MS Client Smp ID: SO-17338-100511-MM-
 Inj Date : 10-OCT-2011 13:42
 Operator : 615 Inst ID: PESTGC7.i
 Smp Info : 460-32125-D-8-B MS
 Misc Info : 460-32125-D-8-B MS
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
 Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
 Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
 Als bottle: 20 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AllPCB.sub
 Target Version: 3.50 Sample Matrix: SOLID
 Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
3.005	3.005	0.000	55454	472.071	310	80.00-	120.00	100.00
3.467	3.467	0.000	126827	459.834	300	172.85-	259.28	228.71
3.748	3.748	0.000	53932	442.563	290	79.52-	119.28	97.26
4.003	4.003	0.000	230918	463.350	310	320.69-	481.04	416.41
4.170	4.170	0.000	96832	453.316	300	138.88-	208.32	174.62
4.468	4.468	0.000	61299	447.236	300	86.86-	130.29	110.54
5.283	5.283	0.000	55756	408.173	270	93.70-	140.55	100.54
5.530	5.532	-0.002	54092	396.501	260	93.77-	140.65	97.54
Average of Peak Concentrations =					290			

27 Aroclor-1260					CAS #: 11096-82-5			
6.415	6.415	0.000	142953	421.432	280	80.00-	120.00	100.00(M)

Data File: of178336.d
 Report Date: 11-Oct-2011 12:13

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE (	ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.750	6.750	0.000	161312	421.624	280	88.88-	133.31	112.84
7.390	7.390	0.000	241169	444.042	300	128.81-	193.22	168.71
7.583	7.585	-0.002	111902	432.497	290	61.64-	92.46	78.28
7.698	7.698	0.000	65066	430.475	290	35.87-	53.80	45.52
8.242	8.243	-0.001	133649	442.745	290	75.18-	112.77	93.49
9.410	9.410	0.000	153530	386.617	260	92.73-	139.10	107.40
10.082	10.082	0.000	46143	365.461	240	29.29-	43.93	32.28
Average of Peak Concentrations =					280			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.598	10.598	0.000	176033	50.7917	34	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178336.d

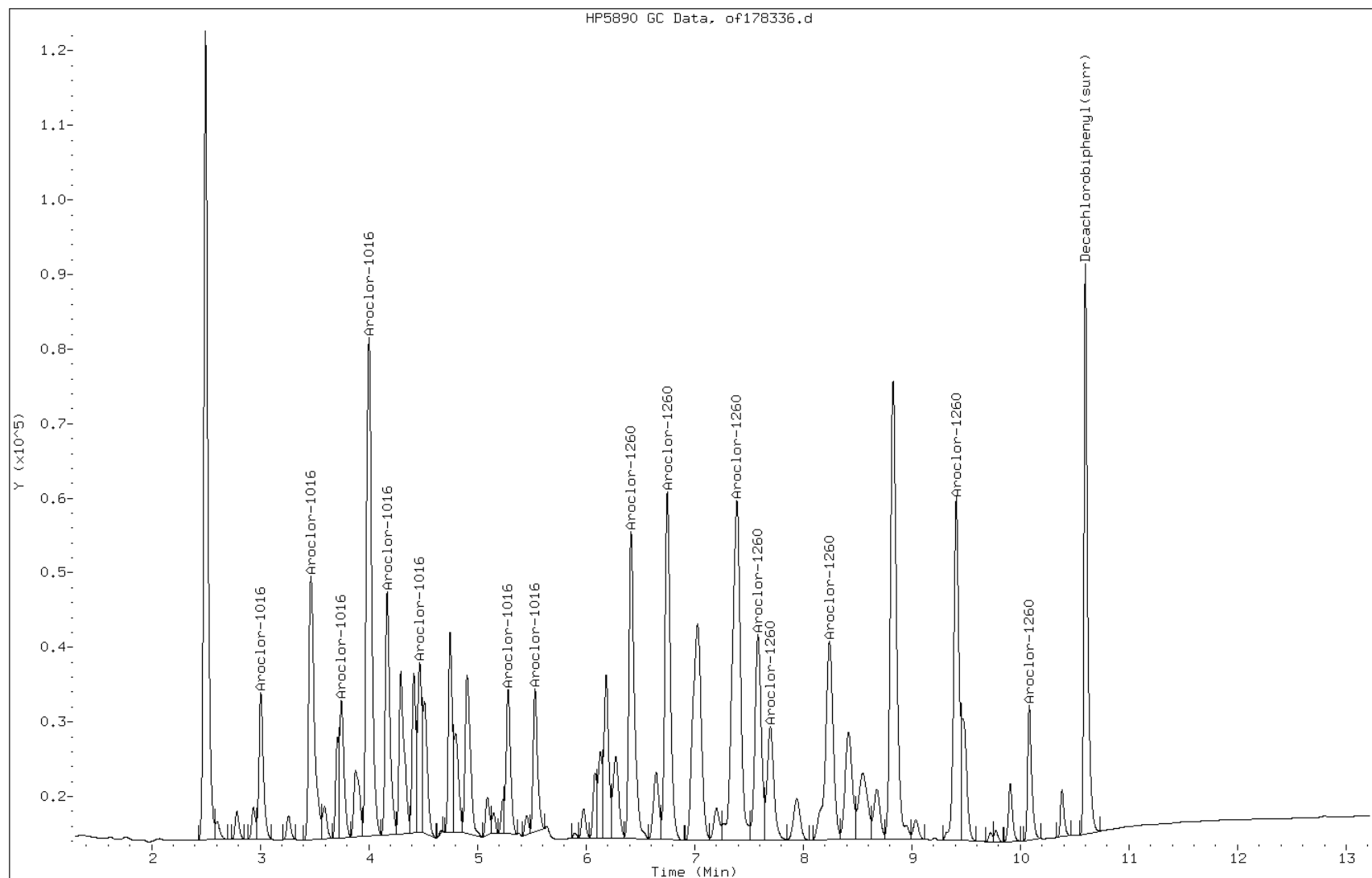
Date: 10-OCT-2011 13:42

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-B MS

Operator: 615



Manual Integration Report

Data File: of178336.d
Inj. Date and Time: 10-OCT-2011 13:42
Instrument ID: PESTGC7.i
Client ID: SO-17338-100511-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/12/2011

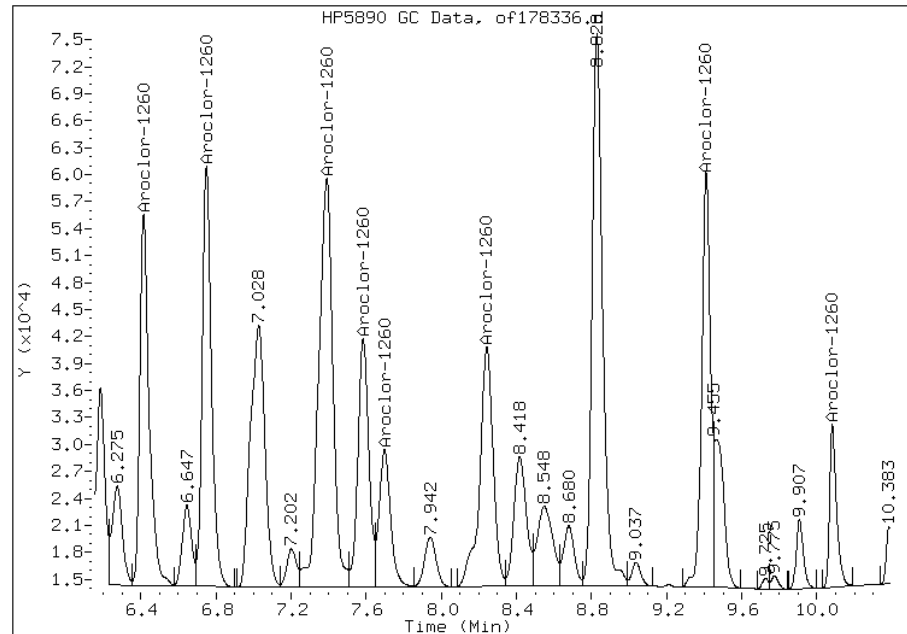
Processing Integration Results

Not Detected

Expected RT: 6.42

Manual Integration Results

RT: 6.42
Response: 142953
Amount: 418.11
Conc: 280.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 MS Lab Sample ID: 460-32125-8 MS
 Matrix: Solid Lab File ID: or178336.d
 Analysis Method: 8082 Date Collected: 10/05/2011 14:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.03(g) Date Analyzed: 10/10/2011 13:42
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	326		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	298		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178336.d
Lab Smp Id: 460-32125-D-8-B MS Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 13:42
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-8-B MS
Misc Info : 460-32125-D-8-B MS
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 20 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.392	2.392	0.000	44508	458.767	300	80.00-	120.00	100.00(M)
2.720	2.720	0.000	78043	504.260	340	130.16-	195.25	175.35
2.913	2.912	0.001	53514	502.306	330	93.35-	140.02	120.23
3.175	3.177	-0.002	163009	499.523	330	276.95-	415.42	366.25
3.318	3.318	0.000	63655	507.657	340	106.95-	160.43	143.02
3.382	3.382	0.000	43747	490.207	330	79.41-	119.12	98.29
3.533	3.533	0.000	72958	454.613	300	121.45-	182.17	163.92
3.758	3.758	0.000	65165	501.833	330	109.50-	164.24	146.41
Average of Peak Concentrations =					320			

27 Aroclor-1260					CAS #: 11096-82-5			
5.178	5.178	0.000	90544	474.840	320	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.522	5.520	0.002	160396	472.130	310	142.61-	213.92	177.15
5.867	5.865	0.002	146342	453.019	300	136.60-	204.90	161.63
6.013	6.013	0.000	68717	455.957	300	63.00-	94.50	75.89
6.345	6.343	0.002	74330	417.349	280	68.41-	102.61	82.09
7.318	7.317	0.001	0			88.38-	132.57	0.00
7.482	7.482	0.000	46187	422.918	280	47.33-	70.99	51.01
8.697	8.697	0.000	45570	439.425	290	47.97-	71.95	50.33
Average of Peak Concentrations =					300			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.447	9.447	0.000	193800	61.5981	41	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or178336.d

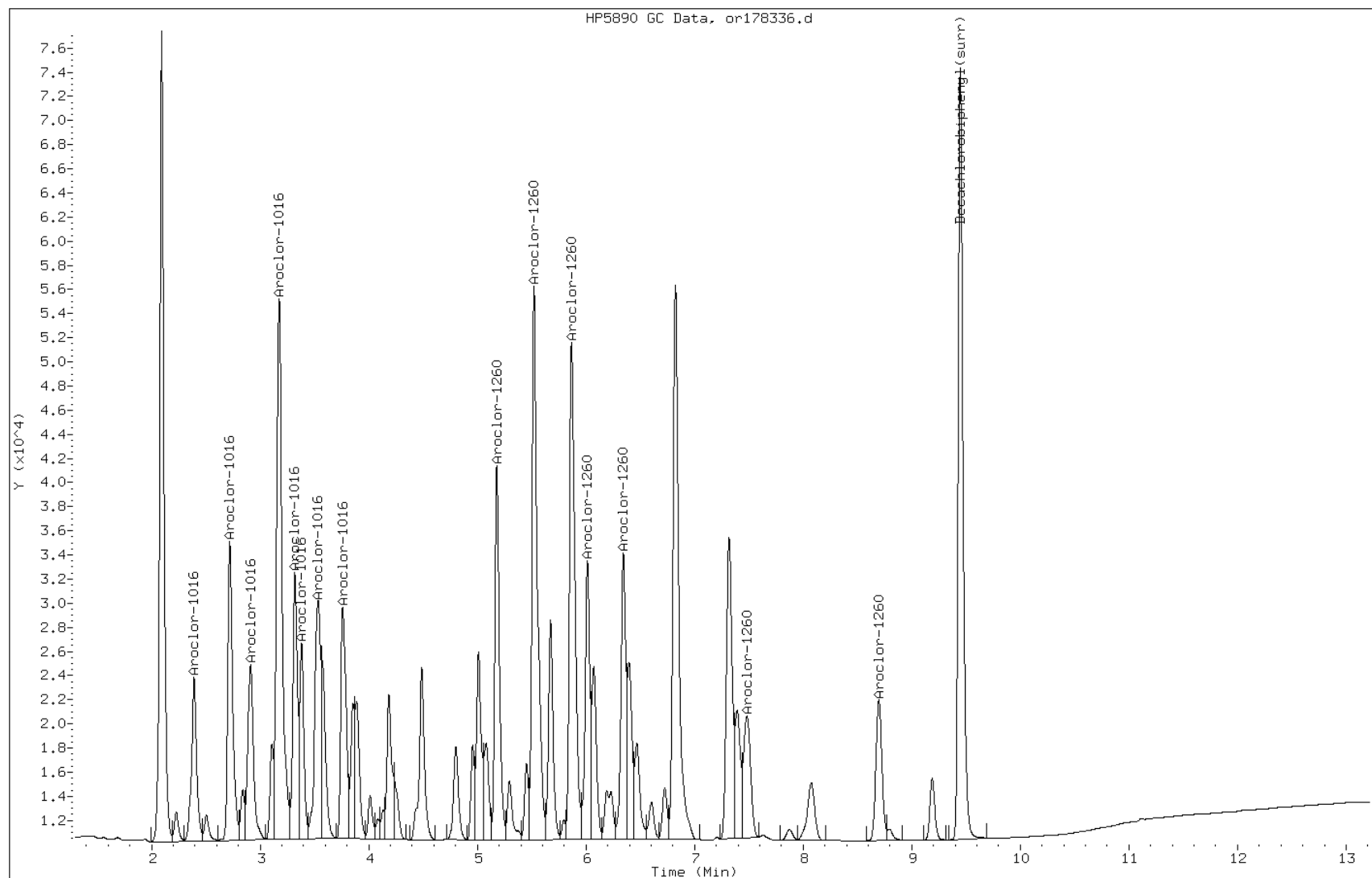
Date: 10-OCT-2011 13:42

Client ID: SO-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-B MS

Operator: 615



Manual Integration Report

Data File: or178336.d
Inj. Date and Time: 10-OCT-2011 13:42
Instrument ID: PESTGC7.i
Client ID: SO-17338-100511-MM-
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/11/2011

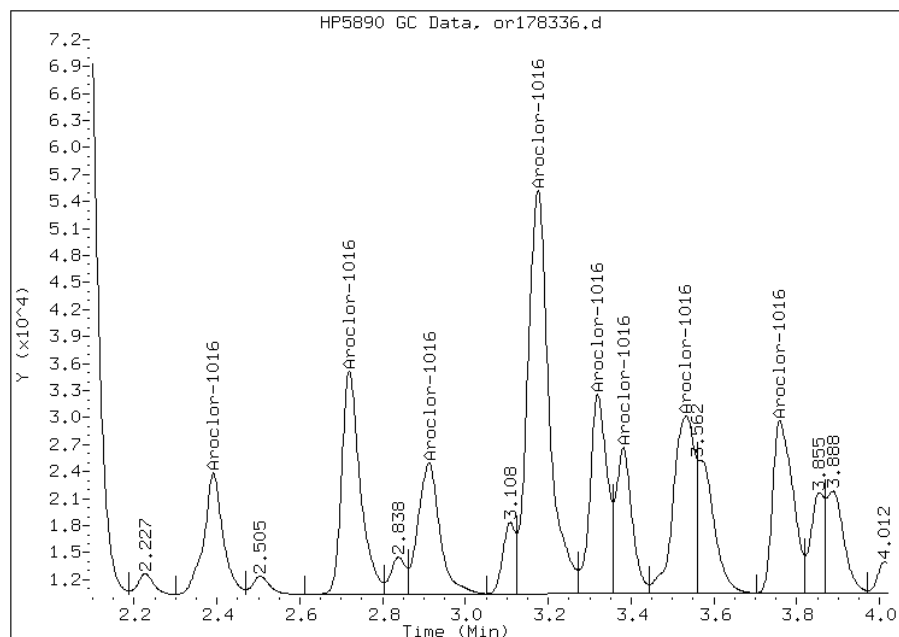
Processing Integration Results

Not Detected

Expected RT: 2.39

Manual Integration Results

RT: 2.39
Response: 44508
Amount: 489.90
Conc: 320.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or178336.d
Inj. Date and Time: 10-OCT-2011 13:42
Instrument ID: PESTGC7.i
Client ID: S0-17338-100511-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/11/2011

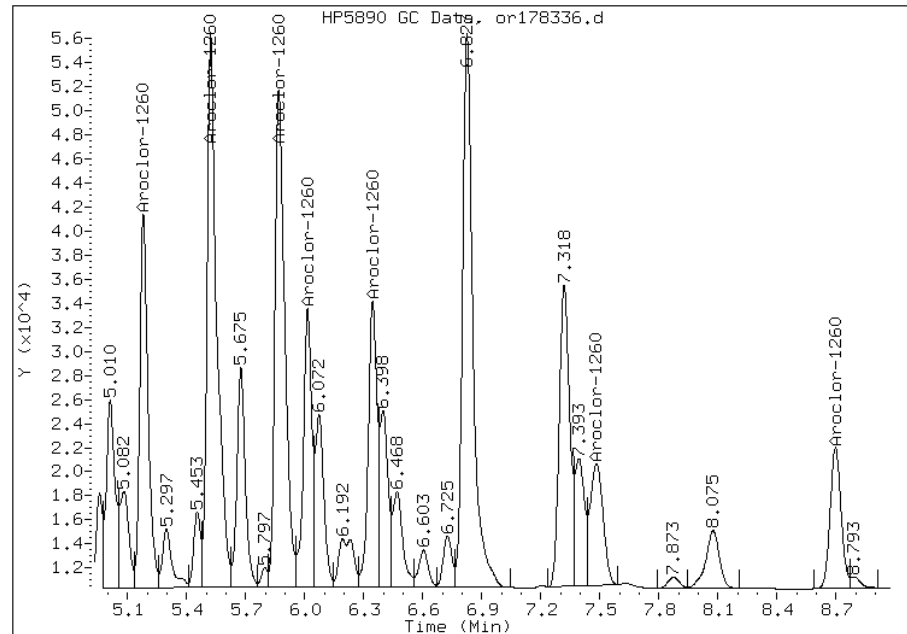
Processing Integration Results

Not Detected

Expected RT: 5.18

Manual Integration Results

RT: 5.18
Response: 90544
Amount: 447.95
Conc: 300.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD
 Matrix: Solid Lab File ID: of178337.d
 Analysis Method: 8082 Date Collected: 10/05/2011 14:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:58
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	280		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	262		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		30-150

Data File: of178337.d
Report Date: 11-Oct-2011 12:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/of178337.d
Lab Smp Id: 460-32125-D-8-C MSD Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 13:58
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-8-C MSD
Misc Info : 460-32125-D-8-C MSD
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-10-11/10oct11a.b/080f8082.m
Meth Date : 11-Oct-2011 12:11 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 21 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
3.005	3.005	0.000	51828	441.203	290	80.00-	120.00	100.00	
3.467	3.467	0.000	119243	432.337	290	172.85-	259.28	230.07	
3.748	3.748	0.000	52261	428.851	280	79.52-	119.28	100.84	
4.003	4.003	0.000	218528	438.489	290	320.69-	481.04	421.64	
4.170	4.170	0.000	94569	442.722	300	138.88-	208.32	182.47	
4.468	4.468	0.000	59636	435.103	290	86.86-	130.29	115.07	
5.283	5.283	0.000	51459	376.716	250	93.70-	140.55	99.29	
5.530	5.532	-0.002	50528	370.377	250	93.77-	140.65	97.49	
Average of Peak Concentrations =					280				

27 Aroclor-1260					CAS #: 11096-82-5				
6.415	6.415	0.000	137561	405.536	270	80.00-	120.00	100.00(MH)	

Data File: of178337.d
 Report Date: 11-Oct-2011 12:13

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.750	6.750	0.000	153387	400.911	270	88.88-	133.31	111.50
7.390	7.390	0.000	224922	414.128	280	128.81-	193.22	163.51
7.585	7.585	0.000	104530	404.005	270	61.64-	92.46	75.99
7.698	7.698	0.000	59039	390.600	260	35.87-	53.80	42.92
8.242	8.243	-0.001	125023	414.169	280	75.18-	112.77	90.89
9.410	9.410	0.000	146700	369.418	250	92.73-	139.10	106.64
10.082	10.082	0.000	42904	339.807	230	29.29-	43.93	31.19
Average of Peak Concentrations =					260			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.598	10.598	0.000	164815	47.5549	32	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

Data File: of178337.d

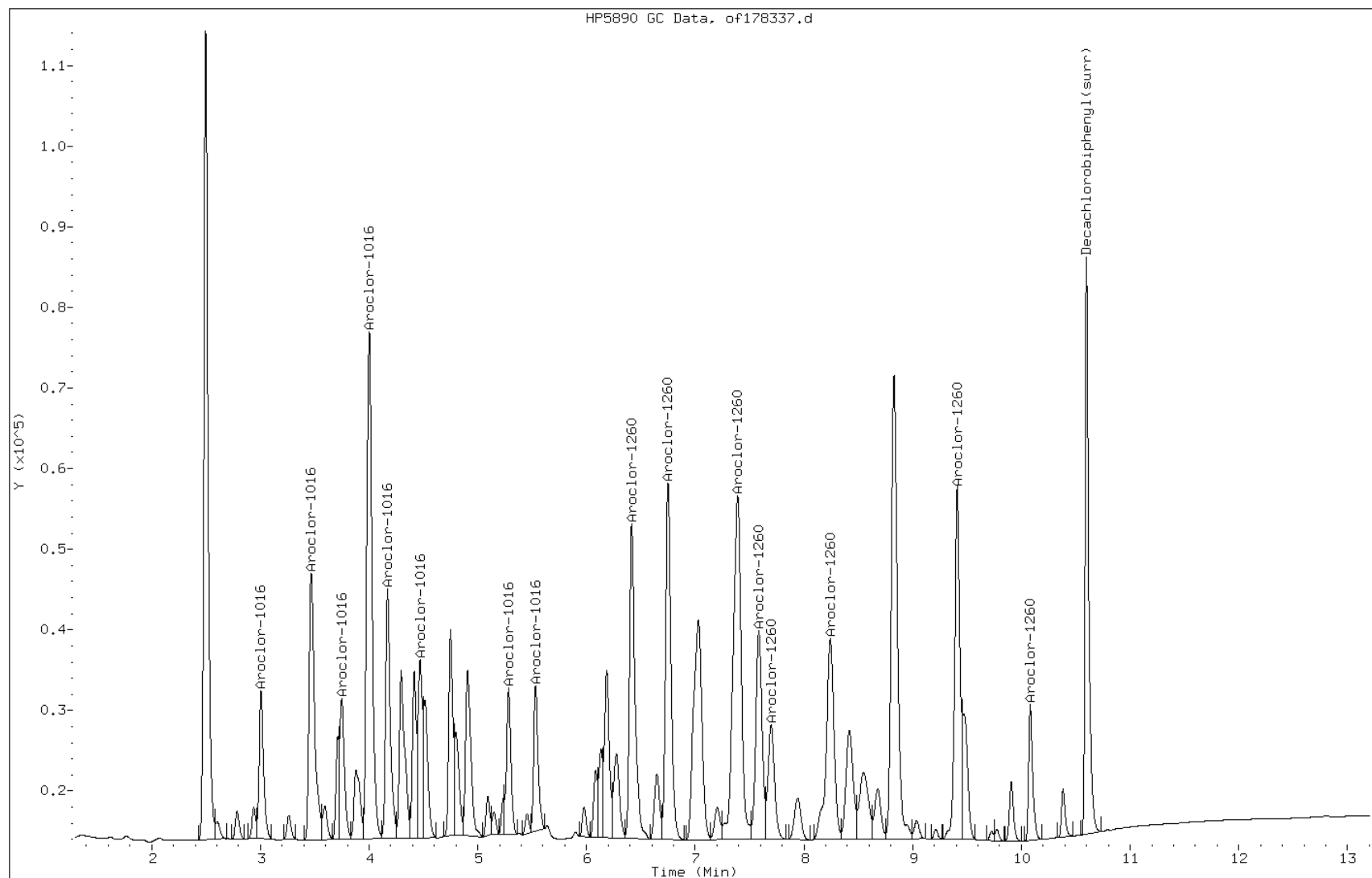
Date: 10-OCT-2011 13:58

Client ID: S0-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-C MSD

Operator: 615



Manual Integration Report

Data File: of178337.d
Inj. Date and Time: 10-OCT-2011 13:58
Instrument ID: PESTGC7.i
Client ID: SO-17338-100511-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/12/2011

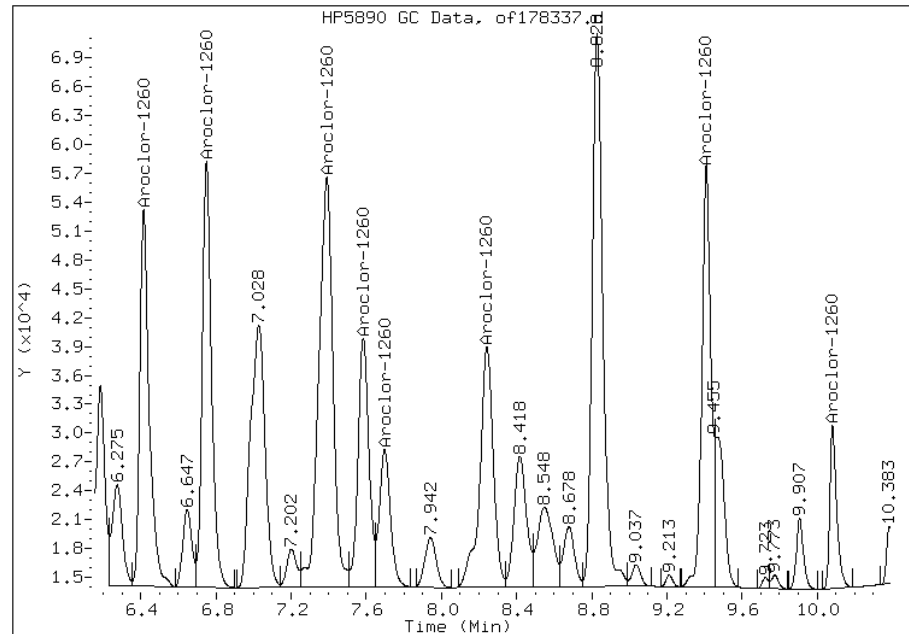
Processing Integration Results

Not Detected

Expected RT: 6.42

Manual Integration Results

RT: 6.42
Response: 137561
Amount: 392.32
Conc: 260.00



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Client Sample ID: FB-17338-100511-MM-147 Lab Sample ID: 460-32125-8 MSD
 Matrix: Solid Lab File ID: or178337.d
 Analysis Method: 8082 Date Collected: 10/05/2011 14:00
 Extraction Method: 3541 Date Extracted: 10/10/2011 02:52
 Sample wt/vol: 15.00(g) Date Analyzed: 10/10/2011 13:58
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	303		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	280		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/or178337.d
Lab Smp Id: 460-32125-D-8-C MSD Client Smp ID: SO-17338-100511-MM-
Inj Date : 10-OCT-2011 13:58
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-32125-D-8-C MSD
Misc Info : 460-32125-D-8-C MSD
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b/080r8082.m
Meth Date : 11-Oct-2011 12:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 21 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.392	2.392	0.000	40836	420.918	280	80.00-	120.00	100.00(M)
2.720	2.720	0.000	71999	465.208	310	130.16-	195.25	176.31
2.913	2.912	0.001	49478	464.423	310	93.35-	140.02	121.16
3.177	3.177	0.000	151517	464.307	310	276.95-	415.42	371.04
3.320	3.318	0.002	59616	475.445	320	106.95-	160.43	145.99
3.383	3.382	0.001	40240	450.910	300	79.41-	119.12	98.54
3.535	3.533	0.002	69276	431.670	290	121.45-	182.17	169.64
3.760	3.758	0.002	59879	461.126	310	109.50-	164.24	146.63
Average of Peak Concentrations =					300			

27 Aroclor-1260					CAS #: 11096-82-5			
5.180	5.178	0.002	84971	445.613	300	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
				ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.522	5.520	0.002	151164	444.955	300	142.61-	213.92	177.90
5.867	5.865	0.002	133542	413.395	280	136.60-	204.90	157.16
6.013	6.013	0.000	65257	432.999	290	63.00-	94.50	76.80
6.345	6.343	0.002	69827	392.065	260	68.41-	102.61	82.18
7.318	7.317	0.001	0			88.38-	132.57	0.00
7.483	7.482	0.001	44876	410.914	270	47.33-	70.99	52.81
8.697	8.697	0.000	41888	403.920	270	47.97-	71.95	49.30
Average of Peak Concentrations =					280			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.448	9.447	0.001	182591	58.0354	39	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or178337.d

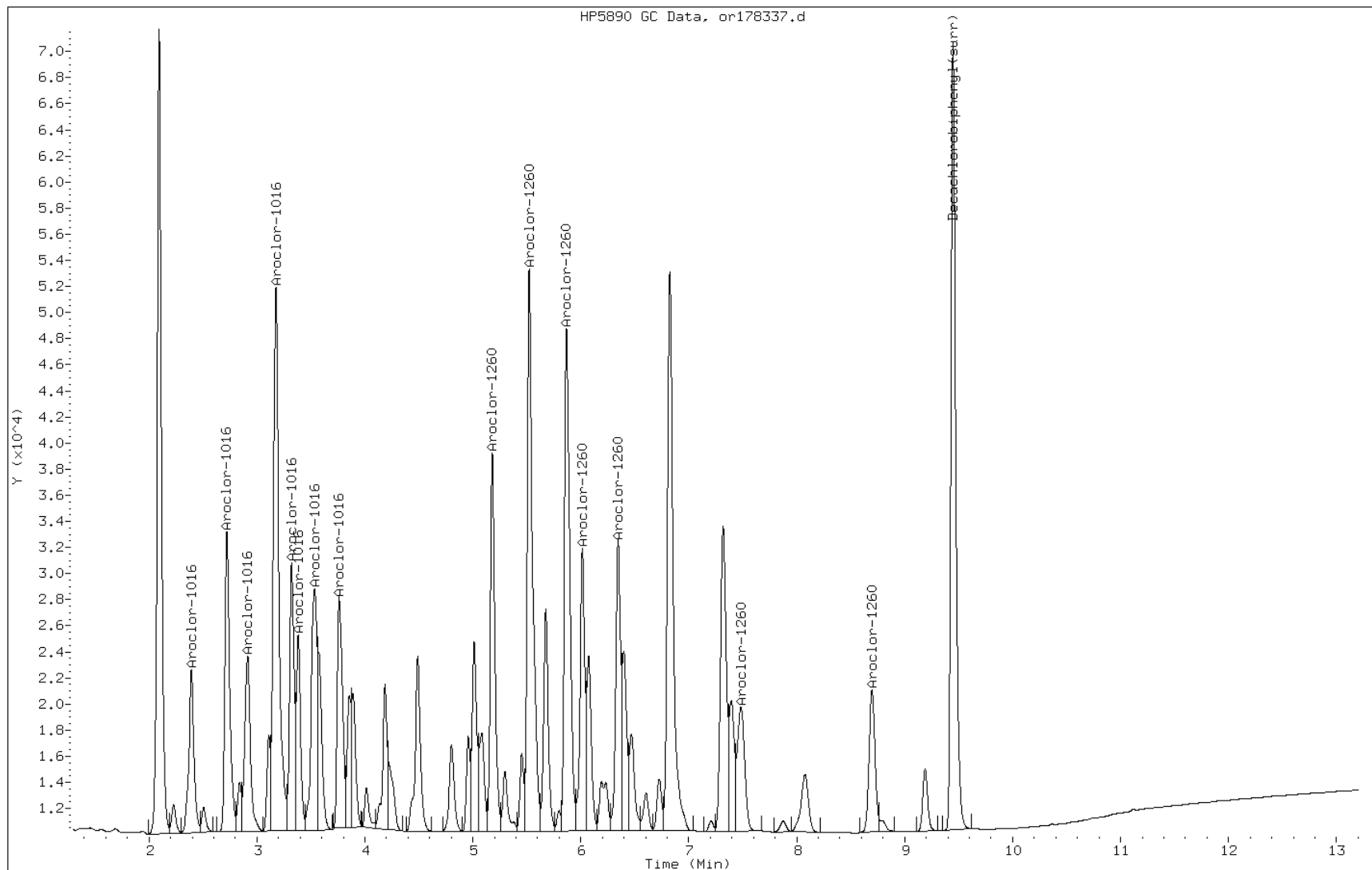
Date: 10-OCT-2011 13:58

Client ID: SO-17338-100511-MM-

Instrument: PESTGC7.i

Sample Info: 460-32125-D-8-C MSD

Operator: 615



Manual Integration Report

Data File: or178337.d
Inj. Date and Time: 10-OCT-2011 13:58
Instrument ID: PESTGC7.i
Client ID: SO-17338-100511-MM-
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/11/2011

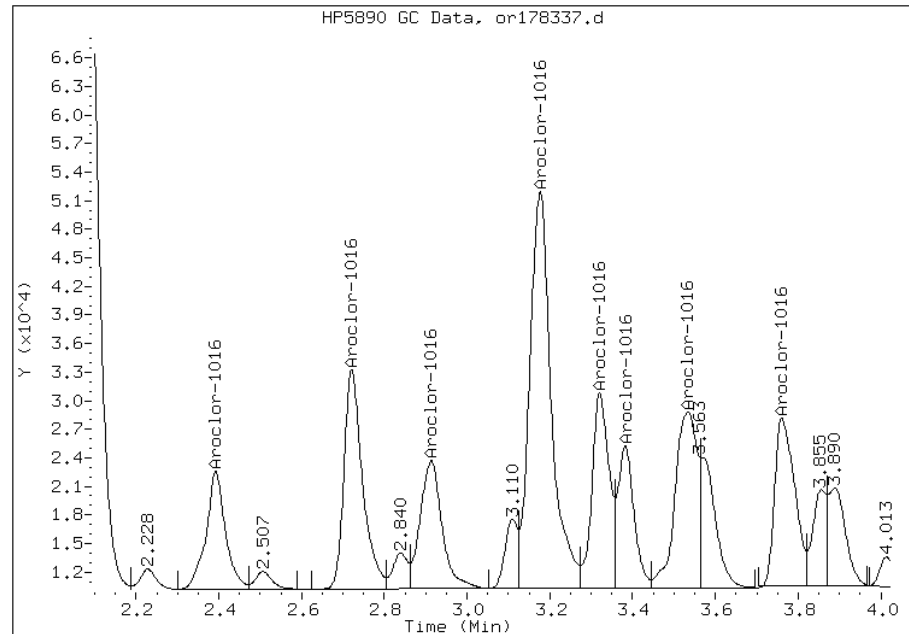
Processing Integration Results

Not Detected

Expected RT: 2.39

Manual Integration Results

RT: 2.39
Response: 40836
Amount: 454.25
Conc: 300.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or178337.d
Inj. Date and Time: 10-OCT-2011 13:58
Instrument ID: PESTGC7.i
Client ID: S0-17338-100511-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/11/2011

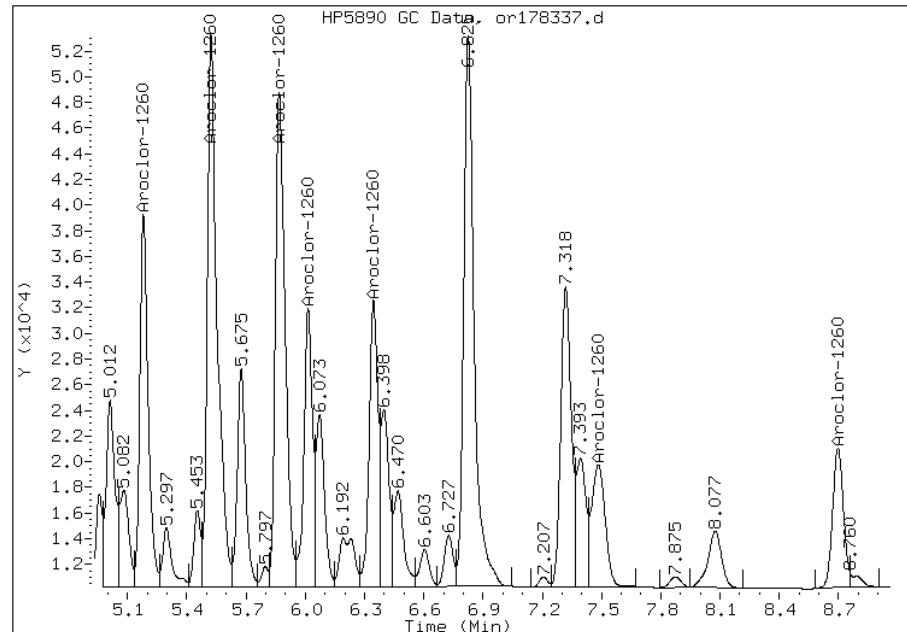
Processing Integration Results

Not Detected

Expected RT: 5.18

Manual Integration Results

RT: 5.18
Response: 84971
Amount: 420.55
Conc: 280.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 10/04/2011 08:27Analysis Batch Number: 88199 End Date: 10/04/2011 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2011 08:27	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 08:27	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 08:44	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 08:44	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:00	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:00	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:17	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:17	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:33	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:33	1		CLP-1 0.53 (mm)
IC 460-88199/6		10/04/2011 09:50	1	of178199.d	CLP-2 0.53 (mm)
IC 460-88199/6		10/04/2011 09:50	1	or178199.d	CLP-1 0.53 (mm)
IC 460-88199/7		10/04/2011 10:06	1	of178200.d	CLP-2 0.53 (mm)
IC 460-88199/7		10/04/2011 10:06	1	or178200.d	CLP-1 0.53 (mm)
IC 460-88199/8		10/04/2011 10:23	1	of178201.d	CLP-2 0.53 (mm)
IC 460-88199/8		10/04/2011 10:23	1	or178201.d	CLP-1 0.53 (mm)
IC 460-88199/9		10/04/2011 10:39	1	of178202.d	CLP-2 0.53 (mm)
IC 460-88199/9		10/04/2011 10:39	1	or178202.d	CLP-1 0.53 (mm)
IC 460-88199/10		10/04/2011 10:56	1	of178203.d	CLP-2 0.53 (mm)
IC 460-88199/10		10/04/2011 10:56	1	or178203.d	CLP-1 0.53 (mm)
IC 460-88199/11		10/04/2011 11:13	1	of178204.d	CLP-2 0.53 (mm)
IC 460-88199/11		10/04/2011 11:13	1	or178204.d	CLP-1 0.53 (mm)
IC 460-88199/12		10/04/2011 11:29	1	of178205.d	CLP-2 0.53 (mm)
IC 460-88199/12		10/04/2011 11:29	1	or178205.d	CLP-1 0.53 (mm)
IC 460-88199/13		10/04/2011 11:46	1	of178206.d	CLP-2 0.53 (mm)
IC 460-88199/13		10/04/2011 11:46	1	or178206.d	CLP-1 0.53 (mm)
IC 460-88199/14		10/04/2011 12:02	1	of178207.d	CLP-2 0.53 (mm)
IC 460-88199/14		10/04/2011 12:02	1	or178207.d	CLP-1 0.53 (mm)
IC 460-88199/15		10/04/2011 12:19	1	of178208.d	CLP-2 0.53 (mm)
IC 460-88199/15		10/04/2011 12:19	1	or178208.d	CLP-1 0.53 (mm)
IC 460-88199/16		10/04/2011 12:36	1		CLP-2 0.53 (mm)
IC 460-88199/16		10/04/2011 12:36	1		CLP-1 0.53 (mm)
IC 460-88199/17		10/04/2011 12:52	1		CLP-2 0.53 (mm)
IC 460-88199/17		10/04/2011 12:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 13:09	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 13:09	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 10/10/2011 08:23Analysis Batch Number: 89063End Date: 10/10/2011 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-89063/1		10/10/2011 08:23	1		CLP-2 0.53 (mm)
RINSE 460-89063/1		10/10/2011 08:23	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 08:39	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 08:39	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 08:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 08:56	1		CLP-1 0.53 (mm)
CCVRT 460-89063/4		10/10/2011 09:12	1	of178320.d	CLP-2 0.53 (mm)
CCVRT 460-89063/4		10/10/2011 09:12	1	or178320.d	CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 09:29	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 09:29	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 09:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 09:46	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 10:02	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 10:02	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 10:19	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 10:19	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 10:35	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 10:35	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 10:52	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 10:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 11:08	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 11:08	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 11:25	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 11:25	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 11:42	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 11:42	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 11:57	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 11:57	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 12:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 12:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 12:31	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 12:31	1		CLP-1 0.53 (mm)
MB 460-88836/1-A		10/10/2011 12:52	1	of178333.d	CLP-2 0.53 (mm)
MB 460-88836/1-A		10/10/2011 12:52	1	or178333.d	CLP-1 0.53 (mm)
LCS 460-88836/2-A		10/10/2011 13:09	1	of178334.d	CLP-2 0.53 (mm)
LCS 460-88836/2-A		10/10/2011 13:09	1	or178334.d	CLP-1 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/10/2011 13:25	1	of178335.d	CLP-2 0.53 (mm)
460-32125-8	FB-17338-100511-MM-14 7	10/10/2011 13:25	1	or178335.d	CLP-1 0.53 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/10/2011 13:42	1	of178336.d	CLP-2 0.53 (mm)
460-32125-8 MS	FB-17338-100511-MM-14 7 MS	10/10/2011 13:42	1	or178336.d	CLP-1 0.53 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/10/2011 13:58	1	of178337.d	CLP-2 0.53 (mm)
460-32125-8 MSD	FB-17338-100511-MM-14 7 MSD	10/10/2011 13:58	1	or178337.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 10/10/2011 08:23Analysis Batch Number: 89063 End Date: 10/10/2011 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-32125-1	SO-17338-100511-MM-14 0	10/10/2011 14:15	1	of178338.d	CLP-2 0.53 (mm)
460-32125-1	SO-17338-100511-MM-14 0	10/10/2011 14:15	1	or178338.d	CLP-1 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/10/2011 14:31	1	of178339.d	CLP-2 0.53 (mm)
460-32125-2	SO-17338-100511-MM-14 1	10/10/2011 14:31	1	or178339.d	CLP-1 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/10/2011 14:48	1	of178340.d	CLP-2 0.53 (mm)
460-32125-3	SO-17338-100511-MM-14 2	10/10/2011 14:48	1	or178340.d	CLP-1 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/10/2011 15:04	1	of178341.d	CLP-2 0.53 (mm)
460-32125-4	SO-17338-100511-MM-14 3	10/10/2011 15:04	1	or178341.d	CLP-1 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/10/2011 15:21	1	of178342.d	CLP-2 0.53 (mm)
460-32125-5	SO-17338-100511-MM-14 4	10/10/2011 15:21	1	or178342.d	CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 15:44	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 15:44	1		CLP-1 0.53 (mm)
CCV 460-89063/28		10/10/2011 16:01	1	of178344.d	CLP-2 0.53 (mm)
CCV 460-89063/28		10/10/2011 16:01	1	or178344.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 10/10/2011 16:17Analysis Batch Number: 89203End Date: 10/11/2011 01:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/10/2011 16:17	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 16:17	1		CLP-1 0.53 (mm)
CCVRT 460-89203/2		10/10/2011 16:34	1	of178346.d	CLP-2 0.53 (mm)
CCVRT 460-89203/2		10/10/2011 16:34	1	or178346.d	CLP-1 0.53 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/10/2011 16:50	1	of178347.d	CLP-2 0.53 (mm)
460-32125-6	SO-17338-100511-MM-14 5	10/10/2011 16:50	1	or178347.d	CLP-1 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/10/2011 17:07	1	of178348.d	CLP-2 0.53 (mm)
460-32125-7	SO-17338-100511-MM-14 6	10/10/2011 17:07	1	or178348.d	CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 17:23	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 17:23	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 17:40	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 17:40	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 17:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 17:56	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 18:13	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 18:13	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 18:29	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 18:29	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 18:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 18:46	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 19:03	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 19:03	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 19:19	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 19:19	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 19:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 19:36	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 19:52	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 19:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 20:08	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 20:08	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 20:24	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 20:24	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 20:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 20:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 20:57	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 20:57	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 21:13	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 21:13	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 21:30	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 21:30	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 21:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 21:46	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 22:03	1		CLP-2 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 10/10/2011 16:17Analysis Batch Number: 89203 End Date: 10/11/2011 01:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/10/2011 22:03	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 22:20	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 22:20	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 22:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 22:36	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 22:52	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 22:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 23:08	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 23:08	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 23:25	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 23:25	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 23:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 23:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/10/2011 23:58	1		CLP-2 0.53 (mm)
ZZZZZ		10/10/2011 23:58	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 00:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 00:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 00:31	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 00:31	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 00:47	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 00:47	1		CLP-1 0.53 (mm)
CCV 460-89203/33		10/11/2011 01:03	1	of178377.d	CLP-2 0.53 (mm)
CCV 460-89203/33		10/11/2011 01:03	1	or178377.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b

Date Generated: 10/05/2011
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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/04/11 0827	or178194		HEXANE	04oct11a		15	10	1	SAMPLE		
10/04/11 0844	or178195		HEXANE	04oct11a		15	10	1	SAMPLE		
10/04/11 0900	or178196		SGPBLK_00008	04oct11a		15	10	1	INSTBLANK		
10/04/11 0917	or178197		SG1660L3_00013	04oct11a		15	10	1	SAMPLE		
10/04/11 0933	or178198		SG1660L1_00010	04oct11a		15	10	1	SAMPLE		
10/04/11 0950	or178199		IC-SG1660L1_00010			0	0	1	CALIB_1		
10/04/11 1006	or178200		IC-SG1660L2_00010			0	0	1	CALIB_2		
10/04/11 1023	or178201		IC-SG1660L3_00013			0	0	1	CALIB_3		
10/04/11 1039	or178202		ICSG1660L4_00010			0	0	1	CALIB_4		
10/04/11 1056	or178203		IC-SG1660L5_00010			0	0	1	CALIB_5		
10/04/11 1113	or178204		IC-SG1221L3_00012			0	0	1	CALIB_3		
10/04/11 1129	or178205		IC-SG1232L3_00011			0	0	1	CALIB_3		
10/04/11 1146	or178206		IC-SG1242L3_00011			0	0	1	CALIB_3		
10/04/11 1202	or178207		IC-SG1248L3_00011			0	0	1	CALIB_3		

Tals Baker: 88199

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b

Date Generated: 10/05/2011

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Tals Baktu: 88199

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/04/11 1219	or178208		IC-SG1254L3_00011			0	0	1	CALIB_3	-	updated
10/04/11 1236	or178209		IC-SG1262L3_00010			0	0	1	CALIB_3		
10/04/11 1252	or178210		IC-SG1268L3_00011			0	0	1	CALIB_3		
10/04/11 1309	or178211		SGPCBICV_00004			1000	5	1	BS	-	q

Signed: Post H

Read and Understood by:

Saktu

Date: 10-5-11

Date: 10/5/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11a.b

Date Generated: 10/11/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/10/11 0823	or178317	RINSE		10oct11a		15	10	1	SAMPLE		
10/10/11 0839	or178318	HEXANE		10oct11a		15	10	1	SAMPLE		
10/10/11 0856	or178319	SGPIBLK_00008		10oct11a		15	10	1	INSTBLANK		
10/10/11 0912	or178320	CCVRTSG1660L3_00013				0	0	1	CCALIB_3		
10/10/11 0929	or178321	MB 460-88821/1		10oct11a		1	4	1	SAMPLE		RR
10/10/11 0946	or178322	LCS 460-88821/		10oct11a		1	4	1	SAMPLE		
10/10/11 1002	or178323	LCSD 460-88821/		10oct11a		1	4	1	SAMPLE		
10/10/11 1019	or178324			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1035	or178325			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1052	or178326			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1108	or178327			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1125	or178328			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1142	or178329			460-88821	10/08/11 0		0	1	SAMPLE		
10/10/11 1157	or178330			460-88821	10/08/11 0		0	1	SAMPLE		

table below: 89063

10-11-11

10/11/11

Instrument ID: PESTGCT.i
Analytical Batch: /chem1/PESTGCT.i/8082/rear/Oct11/10-10-11/10oct11a.b

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Date Generated: 10/11/2011
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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/10/11 1214	ori178331		HEXANE	10oct11a	-	1	4	1	SAMPLE	-	-
10/10/11 1231	ori178332		HEXANE	10oct11a	-	1	4	1	SAMPLE	-	-
10/10/11 1252	ori178333		MB 460-88836/1-A	10oct11a	-	15	10	1	BLANK	-	422
10/10/11 1309	ori178334		LCS 460-88836/2-A	10oct11a	-	15	10	1	BS	-	422
10/10/11 1325	ori178335		460-32125-D-8-D	460-88836	10/10/11 15	15	10	1	SAMPLE	-	422
10/10/11 1342	ori178336		460-32125-D-8-B MS	460-88836	10/10/11 15.0	10		1	MS	-	422
10/10/11 1358	ori178337		460-32125-D-8-C MSD	460-88836	10/10/11 15	10		1	MSD	-	422
10/10/11 1415	ori178338		460-32125-D-1-B	460-88836	10/10/11 15	10		1	SAMPLE	-	422
10/10/11 1431	ori178339		460-32125-D-2-B	460-88836	10/10/11 15	10		1	SAMPLE	-	422
10/10/11 1448	ori178340		460-32125-D-3-B	460-88836	10/10/11 15.1	10		1	SAMPLE	-	422
10/10/11 1504	ori178341		460-32125-D-4-B	460-88836	10/10/11 15	10		1	SAMPLE	-	422
10/10/11 1521	ori178342		460-32125-D-5-B	460-88836	10/10/11 15.0	10		1	SAMPLE	-	422
10/10/11 1544	ori178343		SGRIBK_00008	10oct11a	-	15	10	1	INSTBLANK	-	422
10/10/11 1601	ori178344		CCV-SG160L3_00013	-	-	0	0	1	CCALIB_3	-	425

Tals is clear, 89063

Signed: 10-11-11 Read and Understood by: See 101111

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/10/11 1617	or178345		SGPIBLK_00008	10oct11b	—	15	10	1	INSTBLANK	—	422
10/10/11 1634	or178346		CCVRTSG1660L3_00013	10oct11b	—	15	10	1	SAMPLE	—	422
10/10/11 1650	or178347		460-32125-D-6-B	460-88836	10/10/11 15.0	10		1	SAMPLE	—	422
10/10/11 1707	or178348		460-32125-D-7-B	460-88836	10/10/11 15.1	10		1	SAMPLE	—	422
10/10/11 1723	or178349		460-32146-A-1-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1740	or178350		460-32146-A-2-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1756	or178351		460-32149-A-6-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1813	or178352		460-32149-A-7-A	460-88836	10/10/11 15.0	10		1	SAMPLE	—	422
10/10/11 1829	or178353		460-32149-A-8-A	460-88836	10/10/11 15.0	10		1	SAMPLE	—	422
10/10/11 1846	or178354		460-32149-A-9-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1903	or178355		460-32156-A-1-A	460-88836	10/10/11 15.0	10		1	SAMPLE	—	422
10/10/11 1919	or178356		460-32158-A-1-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1936	or178357		460-32160-A-1-A	460-88836	10/10/11 15	10		1	SAMPLE	—	422
10/10/11 1952	or178358		HEXANE	10oct11b	—	15	10	1	SAMPLE	—	422

Tals 15 oct 11 18 22 03

10-12-11

10/12/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b

Date Generated: 10/12/2011

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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DTL FAC	SampleType	LOT	COMMENTS
10/10/11 2008	0x178359		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2024	0x178360		460-31806-A-2-A	460-88580	10/06/11 1	10	10	1	SAMPLE		
10/10/11 2041	0x178361		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2057	0x178362		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2113	0x178363		460-32138-A-1-A	460-88773	10/08/11 1	10	10	1	SAMPLE		
10/10/11 2130	0x178364		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2146	0x178365		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2203	0x178366		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2220	0x178367		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2236	0x178368		HEXANE	10oct11b		15	10	1	SAMPLE		
10/10/11 2252	0x178369		MB 460-88580/1-A	10oct11b		1	10	1	BLANK		
10/10/11 2308	0x178370		LCS 460-88580/2-A			1	10	1	BS		
10/10/11 2325	0x178371		LCS 460-88580/3-A			1	10	1	BSD		
10/10/11 2341	0x178372		HEXANE	10oct11b		15	10	1	SAMPLE		

Tals is over : 89203

10-12-11

10/12/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-10-11/10oct11b.b

Date Generated: 10/12/2011

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Final Batch: 89203

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
10/10/11	2358 or178373		MB 460-88773/1-A	10oct11b	-	1	10	1		1 BLANK	-	429
10/11/11	0014 or178374		LCS 460-88773/2-A	-	-	1	10	1		1 BS	-	4
10/11/11	0031 or178375		LCSD 460-88773/3-A	10oct11b	-	1	10	1		1 BLANK	-	4
10/11/11	0047 or178376		SGPBLK_00008	10oct11b	-	15	10	1		1 INSTBLANK	-	429
10/11/11	0103 or178377		CCV-SG1660L3_00013	10oct11b	-	15	10	1		1 SAMPLE	-	429

Signed: h8u17 Read and Understood by: h8u

Date: 10-12-11 Date: 10/12/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88836 Batch Start Date: 10/10/11 02:52 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/10/11 18:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PCBSP 00017	OPPSTPCBSU 00018	
MB 460-88836/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-88836/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-32125-D-8 MS	FB-17338-100511- MM-147	3541, 8082	T	15.03 g	10 mL	75	50 uL	50 uL	
460-32125-D-8 MSD	FB-17338-100511- MM-147	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-32125-D-1	SO-17338-100511- MM-140	3541, 8082	T	15.00 g	10 mL	77		50 uL	
460-32125-D-2	SO-17338-100511- MM-141	3541, 8082	T	15.00 g	10 mL	78		50 uL	
460-32125-D-3	SO-17338-100511- MM-142	3541, 8082	T	15.05 g	10 mL	79		50 uL	
460-32125-D-4	SO-17338-100511- MM-143	3541, 8082	T	15.00 g	10 mL	80		50 uL	
460-32125-D-5	SO-17338-100511- MM-144	3541, 8082	T	15.03 g	10 mL	81		50 uL	
460-32125-D-6	SO-17338-100511- MM-145	3541, 8082	T	15.01 g	10 mL	82		50 uL	
460-32125-D-7	SO-17338-100511- MM-146	3541, 8082	T	15.05 g	10 mL	83		50 uL	
460-32125-D-8	FB-17338-100511- MM-147	3541, 8082	T	15.00 g	10 mL	84		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k03051
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	8:52am
Na2SO4 Lot Number	k04600
Person's name who did the prep	archie
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	2:52am
TBA Lot #	op202

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88836 Batch Start Date: 10/10/11 02:52 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/10/11 18:52

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-32125-1

SDG No.: _____

Project: Former GM

Client Sample ID	Lab Sample ID
<u>SO-17338-100511-MM-140</u>	<u>460-32125-1</u>
<u>SO-17338-100511-MM-141</u>	<u>460-32125-2</u>
<u>SO-17338-100511-MM-142</u>	<u>460-32125-3</u>
<u>SO-17338-100511-MM-143</u>	<u>460-32125-4</u>
<u>SO-17338-100511-MM-144</u>	<u>460-32125-5</u>
<u>SO-17338-100511-MM-145</u>	<u>460-32125-6</u>
<u>SO-17338-100511-MM-146</u>	<u>460-32125-7</u>
<u>FB-17338-100511-MM-147</u>	<u>460-32125-8</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-140

Lab Sample ID: 460-32125-1

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 10:30

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 81.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1240	48.9	17.9	mg/Kg			4	6010B
7440-36-0	Antimony	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.2	0.85	mg/Kg	U		4	6010B
7440-39-3	Barium	10.2	48.9	1.5	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.49	0.49	0.22	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.2	1.2	0.19	mg/Kg	U		4	6010B
7440-70-2	Calcium	568	1220	32.1	mg/Kg	J		4	6010B
7440-47-3	Chromium	12.0	2.4	1.5	mg/Kg			4	6010B
7440-48-4	Cobalt	1.8	12.2	1.5	mg/Kg	J		4	6010B
7440-50-8	Copper	3.6	6.1	1.0	mg/Kg	J		4	6010B
7439-89-6	Iron	7430	36.7	13.0	mg/Kg			4	6010B
7439-92-1	Lead	18.7	1.2	0.61	mg/Kg			4	6010B
7439-95-4	Magnesium	527	1220	12.9	mg/Kg	J		4	6010B
7439-96-5	Manganese	85.2	3.7	1.4	mg/Kg			4	6010B
7440-02-0	Nickel	3.6	9.8	0.66	mg/Kg	J		4	6010B
7440-09-7	Potassium	151	1220	55.2	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.4	2.4	0.19	mg/Kg	U		4	6010B
7440-23-5	Sodium	1220	1220	75.1	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.4	2.4	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	11.3	12.2	0.64	mg/Kg	J		4	6010B
7440-66-6	Zinc	21.9	7.3	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.040	0.040	0.027	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-141

Lab Sample ID: 460-32125-2

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 11:00

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 79.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1790	44.7	16.4	mg/Kg			4	6010B
7440-36-0	Antimony	2.2	2.2	0.98	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.1	0.78	mg/Kg	U		4	6010B
7440-39-3	Barium	19.9	44.7	1.4	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.45	0.45	0.20	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	535	1120	29.4	mg/Kg	J		4	6010B
7440-47-3	Chromium	19.1	2.2	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	2.7	11.2	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	5.0	5.6	0.91	mg/Kg	J		4	6010B
7439-89-6	Iron	7490	33.5	11.9	mg/Kg			4	6010B
7439-92-1	Lead	13.8	1.1	0.56	mg/Kg			4	6010B
7439-95-4	Magnesium	619	1120	11.8	mg/Kg	J		4	6010B
7439-96-5	Manganese	64.6	3.4	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	7.2	8.9	0.60	mg/Kg	J		4	6010B
7440-09-7	Potassium	308	1120	50.5	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.2	2.2	1.0	mg/Kg	U		4	6010B
7440-22-4	Silver	2.2	2.2	0.17	mg/Kg	U		4	6010B
7440-23-5	Sodium	1120	1120	68.6	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.2	2.2	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	17.2	11.2	0.58	mg/Kg			4	6010B
7440-66-6	Zinc	34.0	6.7	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.038	0.038	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-142

Lab Sample ID: 460-32125-3

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 11:30

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 81.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8970	45.4	16.6	mg/Kg			4	6010B
7440-36-0	Antimony	2.3	2.3	1.0	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.8	1.1	0.79	mg/Kg			4	6010B
7440-39-3	Barium	66.5	45.4	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.53	0.45	0.20	mg/Kg			4	6010B
7440-43-9	Cadmium	1.1	1.1	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	1210	1140	29.9	mg/Kg			4	6010B
7440-47-3	Chromium	25.8	2.3	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	8.0	11.4	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	11.0	5.7	0.93	mg/Kg			4	6010B
7439-89-6	Iron	12200	34.1	12.1	mg/Kg			4	6010B
7439-92-1	Lead	8.1	1.1	0.57	mg/Kg			4	6010B
7439-95-4	Magnesium	2890	1140	12.0	mg/Kg			4	6010B
7439-96-5	Manganese	100	3.4	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	14.4	9.1	0.61	mg/Kg			4	6010B
7440-09-7	Potassium	808	1140	51.3	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.3	2.3	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.3	2.3	0.17	mg/Kg	U		4	6010B
7440-23-5	Sodium	1140	1140	69.7	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.3	2.3	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	32.8	11.4	0.59	mg/Kg			4	6010B
7440-66-6	Zinc	30.7	6.8	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.037	0.037	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-143

Lab Sample ID: 460-32125-4

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 12:15

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 42.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10000	88.6	32.5	mg/Kg			4	6010B
7440-36-0	Antimony	8.2	4.4	1.9	mg/Kg			4	6010B
7440-38-2	Arsenic	4.6	2.2	1.5	mg/Kg			4	6010B
7440-39-3	Barium	156	88.6	2.7	mg/Kg			4	6010B
7440-41-7	Beryllium	0.50	0.89	0.39	mg/Kg	J		4	6010B
7440-43-9	Cadmium	2.5	2.2	0.35	mg/Kg			4	6010B
7440-70-2	Calcium	29100	2220	58.2	mg/Kg			4	6010B
7440-47-3	Chromium	85.5	4.4	2.6	mg/Kg			4	6010B
7440-48-4	Cobalt	9.0	22.2	2.7	mg/Kg	J		4	6010B
7440-50-8	Copper	249	11.1	1.8	mg/Kg			4	6010B
7439-89-6	Iron	23100	66.5	23.5	mg/Kg			4	6010B
7439-92-1	Lead	396	2.2	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	18000	2220	23.4	mg/Kg			4	6010B
7439-96-5	Manganese	248	6.6	2.5	mg/Kg			4	6010B
7440-02-0	Nickel	30.4	17.7	1.2	mg/Kg			4	6010B
7440-09-7	Potassium	763	2220	100	mg/Kg	J		4	6010B
7782-49-2	Selenium	4.4	4.4	2.1	mg/Kg	U		4	6010B
7440-22-4	Silver	4.4	4.4	0.34	mg/Kg	U		4	6010B
7440-23-5	Sodium	210	2220	136	mg/Kg	J		4	6010B
7440-28-0	Thallium	4.4	4.4	2.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	38.4	22.2	1.2	mg/Kg			4	6010B
7440-66-6	Zinc	1670	13.3	2.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.25	0.075	0.050	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-144

Lab Sample ID: 460-32125-5

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 12:30

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 32.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7870	114	41.6	mg/Kg			4	6010B
7440-36-0	Antimony	10.5	5.7	2.5	mg/Kg			4	6010B
7440-38-2	Arsenic	6.7	2.8	2.0	mg/Kg			4	6010B
7440-39-3	Barium	185	114	3.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.84	1.1	0.50	mg/Kg	J		4	6010B
7440-43-9	Cadmium	4.1	2.8	0.44	mg/Kg			4	6010B
7440-70-2	Calcium	51200	2840	74.6	mg/Kg			4	6010B
7440-47-3	Chromium	117	5.7	3.4	mg/Kg			4	6010B
7440-48-4	Cobalt	12.8	28.4	3.5	mg/Kg	J		4	6010B
7440-50-8	Copper	394	14.2	2.3	mg/Kg			4	6010B
7439-89-6	Iron	36900	85.1	30.1	mg/Kg			4	6010B
7439-92-1	Lead	526	2.8	1.4	mg/Kg			4	6010B
7439-95-4	Magnesium	30500	2840	30.0	mg/Kg			4	6010B
7439-96-5	Manganese	370	8.5	3.2	mg/Kg			4	6010B
7440-02-0	Nickel	42.6	22.7	1.5	mg/Kg			4	6010B
7440-09-7	Potassium	971	2840	128	mg/Kg	J		4	6010B
7782-49-2	Selenium	5.7	5.7	2.7	mg/Kg	U		4	6010B
7440-22-4	Silver	5.7	5.7	0.43	mg/Kg	U		4	6010B
7440-23-5	Sodium	363	2840	174	mg/Kg	J		4	6010B
7440-28-0	Thallium	5.7	5.7	2.7	mg/Kg	U		4	6010B
7440-62-2	Vanadium	54.0	28.4	1.5	mg/Kg			4	6010B
7440-66-6	Zinc	2370	17.0	2.8	mg/Kg			4	6010B
7439-97-6	Mercury	0.81	0.097	0.065	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-145

Lab Sample ID: 460-32125-6

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 12:50

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 70.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2370	53.9	19.8	mg/Kg			4	6010B
7440-36-0	Antimony	1.5	2.7	1.2	mg/Kg	J		4	6010B
7440-38-2	Arsenic	3.0	1.3	0.94	mg/Kg			4	6010B
7440-39-3	Barium	37.5	53.9	1.6	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.72	0.54	0.24	mg/Kg			4	6010B
7440-43-9	Cadmium	0.43	1.3	0.21	mg/Kg	J		4	6010B
7440-70-2	Calcium	11600	1350	35.5	mg/Kg			4	6010B
7440-47-3	Chromium	19.9	2.7	1.6	mg/Kg			4	6010B
7440-48-4	Cobalt	4.5	13.5	1.7	mg/Kg	J		4	6010B
7440-50-8	Copper	71.5	6.7	1.1	mg/Kg			4	6010B
7439-89-6	Iron	26300	40.5	14.3	mg/Kg			4	6010B
7439-92-1	Lead	111	1.3	0.67	mg/Kg			4	6010B
7439-95-4	Magnesium	6610	1350	14.3	mg/Kg			4	6010B
7439-96-5	Manganese	239	4.0	1.5	mg/Kg			4	6010B
7440-02-0	Nickel	13.1	10.8	0.72	mg/Kg			4	6010B
7440-09-7	Potassium	266	1350	60.9	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.7	2.7	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	2.7	2.7	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	306	1350	82.8	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.7	2.7	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.8	13.5	0.70	mg/Kg	J		4	6010B
7440-66-6	Zinc	836	8.1	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.065	0.046	0.030	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100511-MM-146

Lab Sample ID: 460-32125-7

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 13:15

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 79.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1590	48.5	17.8	mg/Kg			4	6010B
7440-36-0	Antimony	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.0	1.2	0.84	mg/Kg	J		4	6010B
7440-39-3	Barium	15.8	48.5	1.5	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.48	0.48	0.21	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.2	1.2	0.19	mg/Kg	U		4	6010B
7440-70-2	Calcium	27300	1210	31.9	mg/Kg			4	6010B
7440-47-3	Chromium	6.9	2.4	1.4	mg/Kg			4	6010B
7440-48-4	Cobalt	1.7	12.1	1.5	mg/Kg	J		4	6010B
7440-50-8	Copper	17.3	6.1	0.99	mg/Kg			4	6010B
7439-89-6	Iron	8250	36.4	12.9	mg/Kg			4	6010B
7439-92-1	Lead	32.4	1.2	0.61	mg/Kg			4	6010B
7439-95-4	Magnesium	15400	1210	12.8	mg/Kg			4	6010B
7439-96-5	Manganese	114	3.6	1.4	mg/Kg			4	6010B
7440-02-0	Nickel	4.4	9.7	0.65	mg/Kg	J		4	6010B
7440-09-7	Potassium	273	1210	54.7	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.4	2.4	0.18	mg/Kg	U		4	6010B
7440-23-5	Sodium	578	1210	74.4	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.4	2.4	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	6.4	12.1	0.63	mg/Kg	J		4	6010B
7440-66-6	Zinc	164	7.3	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.025	0.037	0.025	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-17338-100511-MM-147

Lab Sample ID: 460-32125-8

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/05/2011 14:00

Reporting Basis: DRY

Date Received: 10/06/2011 15:00

% Solids: 100.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	166	39.6	14.5	mg/Kg			4	6010B
7440-36-0	Antimony	2.0	2.0	0.87	mg/Kg	U		4	6010B
7440-38-2	Arsenic	0.74	0.99	0.69	mg/Kg	J		4	6010B
7440-39-3	Barium	39.6	39.6	1.2	mg/Kg	U		4	6010B
7440-41-7	Beryllium	0.40	0.40	0.17	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.99	0.99	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	60.3	990	26.0	mg/Kg	J		4	6010B
7440-47-3	Chromium	2.3	2.0	1.2	mg/Kg			4	6010B
7440-48-4	Cobalt	9.9	9.9	1.2	mg/Kg	U		4	6010B
7440-50-8	Copper	5.0	5.0	0.81	mg/Kg	U		4	6010B
7439-89-6	Iron	1510	29.7	10.5	mg/Kg			4	6010B
7439-92-1	Lead	1.2	0.99	0.50	mg/Kg			4	6010B
7439-95-4	Magnesium	33.2	990	10.5	mg/Kg	J		4	6010B
7439-96-5	Manganese	1.3	3.0	1.1	mg/Kg	J		4	6010B
7440-02-0	Nickel	7.9	7.9	0.53	mg/Kg	U		4	6010B
7440-09-7	Potassium	990	990	44.7	mg/Kg	U		4	6010B
7782-49-2	Selenium	2.0	2.0	0.93	mg/Kg	U		4	6010B
7440-22-4	Silver	2.0	2.0	0.15	mg/Kg	U		4	6010B
7440-23-5	Sodium	990	990	60.8	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.0	2.0	0.96	mg/Kg	U		4	6010B
7440-62-2	Vanadium	2.0	9.9	0.51	mg/Kg	J		4	6010B
7440-66-6	Zinc	5.9	5.9	0.97	mg/Kg	U		4	6010B
7439-97-6	Mercury	0.030	0.030	0.020	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00039 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00039

Analyte	ICV 460-89684/6 10/16/2011 15:18				CCV 460-89684/18 10/16/2011 16:01				CCV 460-89684/30 10/16/2011 16:44			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	119700		125000	96	119100		125000	95	118600		125000	95
Antimony	954.0		1000	95	947.9		1000	95	934.7		1000	93
Arsenic	2365		2500	95	2353		2500	94	2339		2500	94
Barium	9662		10000	97	9596		10000	96	9515		10000	95
Beryllium	965.8		1000	97	960.9		1000	96	960.3		1000	96
Cadmium	1205		1250	96	1197		1250	96	1187		1250	95
Calcium	122700		125000	98	122000		125000	98	121600		125000	97
Chromium	4837		5000	97	4854		5000	97	4871		5000	97
Cobalt	2407		2500	96	2384		2500	95	2362		2500	94
Copper	12050		12500	96	12000		12500	96	11990		12500	96
Iron	96970		100000	97	97160		100000	97	97240		100000	97
Lead	7266		7500	97	7195		7500	96	7129		7500	95
Magnesium	121100		125000	97	121900		125000	98	122800		125000	98
Manganese	4893		5000	98	4943		5000	99	5002		5000	100
Nickel	2419		2500	97	2399		2500	96	2376		2500	95
Potassium	47900		50000	96	47750		50000	96	47700		50000	95
Selenium	2365		2500	95	2350		2500	94	2339		2500	94
Silver	1185		1250	95	1188		1250	95	1189		1250	95
Sodium	120500		125000	96	118900		125000	95	117800		125000	94
Thallium	2449		2500	98	2409		2500	96	2372		2500	95
Vanadium	2397		2500	96	2402		2500	96	2405		2500	96
Zinc	2413		2500	97	2393		2500	96	2375		2500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00039 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00039

Analyte	CCV 460-89684/42 10/16/2011 17:27				CCV 460-89684/90 10/16/2011 20:17				CCV 460-89684/97 10/16/2011 20:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	118500		125000	95	119100		125000	95	119000		125000	95
Antimony	930.6		1000	93	940.2		1000	94	941.0		1000	94
Arsenic	2325		2500	93	2356		2500	94	2351		2500	94
Barium	9474		10000	95	9554		10000	96	9517		10000	95
Beryllium	955.5		1000	96	964.2		1000	96	968.7		1000	97
Cadmium	1180		1250	94	1192		1250	95	1189		1250	95
Calcium	120600		125000	96	121500		125000	97	121500		125000	97
Chromium	4877		5000	98	4894		5000	98	4892		5000	98
Cobalt	2350		2500	94	2374		2500	95	2365		2500	95
Copper	11940		12500	96	12030		12500	96	12040		12500	96
Iron	97460		100000	97	97760		100000	98	97650		100000	98
Lead	7093		7500	95	7150		7500	95	7129		7500	95
Magnesium	123100		125000	98	123100		125000	98	123200		125000	99
Manganese	5009		5000	100	5017		5000	100	5032		5000	101
Nickel	2361		2500	94	2387		2500	95	2376		2500	95
Potassium	47340		50000	95	47690		50000	95	47700		50000	95
Selenium	2327		2500	93	2362		2500	94	2355		2500	94
Silver	1194		1250	96	1198		1250	96	1192		1250	95
Sodium	117600		125000	94	118000		125000	94	117900		125000	94
Thallium	2353		2500	94	2386		2500	95	2374		2500	95
Vanadium	2413		2500	97	2421		2500	97	2415		2500	97
Zinc	2362		2500	94	2384		2500	95	2381		2500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00343 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00343

Analyte	ICV 460-89271/7-A 10/12/2011 20:24				CCV 460-89271/8-A 10/12/2011 20:47				CCV 460-89271/8-A 10/12/2011 21:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	853.3		833	102	920.0		833	110	898.3		833	108

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00343 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00343

Analyte	CCV 460-89271/8-A 10/12/2011 21:29				CCV 460-89271/8-A 10/12/2011 21:52				CCV 460-89271/8-A 10/12/2011 22:15			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	851.7		833	102	875.0		833	105	861.7		833	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-89684/7 10/16/2011 15:22		CCB 460-89684/19 10/16/2011 16:05		CCB 460-89684/31 10/16/2011 16:47		CCB 460-89684/43 10/16/2011 17:30	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-89684/91 10/16/2011 20:20		CCB 460-89684/98 10/16/2011 20:45					
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U				
Antimony	10.0	10.0	U	10.0	U				
Arsenic	5.0	5.0	U	5.0	U				
Barium	200	200	U	200	U				
Beryllium	2.0	2.0	U	2.0	U				
Cadmium	5.0	5.0	U	5.0	U				
Calcium	5000	5000	U	5000	U				
Chromium	10.0	10.0	U	10.0	U				
Cobalt	50.0	50.0	U	50.0	U				
Copper	25.0	25.0	U	25.0	U				
Iron	150	150	U	150	U				
Lead	5.0	5.0	U	5.0	U				
Magnesium	5000	5000	U	5000	U				
Manganese	15.0	15.0	U	15.0	U				
Nickel	40.0	40.0	U	40.0	U				
Potassium	5000	5000	U	5000	U				
Selenium	10.0	10.0	U	10.0	U				
Silver	10.0	10.0	U	10.0	U				
Sodium	5000	5000	U	5000	U				
Thallium	10.0	10.0	U	10.0	U				
Vanadium	50.0	50.0	U	50.0	U				
Zinc	30.0	30.0	U	30.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-89287/8 10/12/2011 20:26		CCB 460-89287/20 10/12/2011 20:49		CCB 460-89287/32 10/12/2011 21:15		CCB 460-89287/39 10/12/2011 21:31	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-89287/51 10/12/2011 21:54		CCB 460-89287/62 10/12/2011 22:16					
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U				

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-89665/1-A ^2
 Instrument Code: ICP4 Batch No.: 89684

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6010B
7440-36-0	Antimony	1.0	U		6010B
7440-38-2	Arsenic	0.50	U		6010B
7440-39-3	Barium	20.0	U		6010B
7440-41-7	Beryllium	0.20	U		6010B
7440-43-9	Cadmium	0.50	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-47-3	Chromium	1.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-50-8	Copper	2.5	U		6010B
7439-89-6	Iron	15.0	U		6010B
7439-92-1	Lead	0.50	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	1.5	U		6010B
7440-02-0	Nickel	4.0	U		6010B
7440-09-7	Potassium	500	U		6010B
7782-49-2	Selenium	1.0	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-28-0	Thallium	1.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-89271/10-A
Instrument Code: LEEMAN5 Batch No.: 89287

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-89273/10-A
Instrument Code: LEEMAN5 Batch No.: 89287

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-89684/8 Instrument ID: ICP4
 Lab File ID: duo101611.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	487000	97
Antimony		-5.06	
Arsenic		-6.76	
Barium		3.40	
Beryllium		0.147	
Cadmium		0.268	
Calcium	500000	447900	90
Chromium		4.19	
Cobalt		0.0294	
Copper		-3.12	
Iron	200000	192300	96
Lead		-4.71	
Magnesium	500000	496300	99
Manganese		0.0543	
Nickel		-1.17	
Potassium		14.5	
Selenium		1.69	
Silver		-0.359	
Sodium		-74.3	
Thallium		-0.129	
Vanadium		-1.80	
Zinc		-0.309	
Boron		-3.39	
Molybdenum		-3.01	
Strontium		15.2	
Tin		0.669	
Titanium		3.89	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-89684/9 Instrument ID: ICP4
 Lab File ID: duo101611.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	487400	97
Antimony	100	92.7	93
Arsenic	100	88.8	89
Barium	100	98.4	98
Beryllium	100	98.0	98
Cadmium	100	93.6	94
Calcium	500000	449500	90
Chromium	100	102	102
Cobalt	100	92.9	93
Copper	100	93.0	93
Iron	200000	192700	96
Lead	100	85.3	85
Magnesium	500000	497400	99
Manganese	100	101	101
Nickel	100	92.0	92
Potassium	10000	10220	102
Selenium	100	90.5	90
Silver	100	103	103
Sodium	10000	9892	99
Thallium	100	82.1	82
Vanadium	100	95.7	96
Zinc	100	92.6	93
<i>Boron</i>	<i>100</i>	<i>90.1</i>	<i>90</i>
<i>Molybdenum</i>	<i>100</i>	<i>90.8</i>	<i>91</i>
<i>Strontium</i>	<i>100</i>	<i>114</i>	<i>114</i>
<i>Tin</i>	<i>100</i>	<i>87.6</i>	<i>88</i>
<i>Titanium</i>	<i>100</i>	<i>98.7</i>	<i>99</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: FB-17338-100511-MM-147 MS

Lab ID: 460-32125-8 MS

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: 100.0

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	607.8	166	196	225	75-125	F	6010B
Antimony	44.27	2.0 U	49.0	90	75-125		6010B
Arsenic	171.1	0.74 J	196	87	75-125		6010B
Barium	188.6	39.6 U	196	96	75-125		6010B
Beryllium	4.66	0.40 U	4.90	95	75-125		6010B
Cadmium	4.64	0.99 U	4.90	95	75-125		6010B
Calcium	1996	60.3 J	1960	99	75-125		6010B
Chromium	21.47	2.3	19.6	98	75-125		6010B
Cobalt	47.06	9.9 U	49.0	96	75-125		6010B
Copper	24.14	5.0 U	24.5	98	75-125		6010B
Iron	1601	1510	98.0	92	75-125	4	6010B
Lead	49.47	1.2	49.0	98	75-125		6010B
Magnesium	1890	33.2 J	1960	95	75-125		6010B
Manganese	51.35	1.3 J	49.0	102	75-125		6010B
Nickel	47.98	7.9 U	49.0	98	75-125		6010B
Potassium	1839	990 U	1960	94	75-125		6010B
Selenium	167.7	2.0 U	196	86	75-125		6010B
Silver	4.52	2.0 U	4.90	92	75-125		6010B
Sodium	1812	990 U	1960	92	75-125		6010B
Thallium	196.1	2.0 U	196	100	75-125		6010B
Vanadium	48.16	2.0 J	49.0	94	75-125		6010B
Zinc	46.35	5.9 U	49.0	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-32275-A-6-J MS
Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 34.0

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.612	0.14	0.490	97	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-32121-A-22-D MS
Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 84.7

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.207	0.039 U	0.197	105	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: FB-17338-100511-MM-147 PDS

Lab ID: 460-32125-8 PDS

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	531.3	166	396	92	75-125		6010B
Antimony	89.72	2.0 U	99.0	91	75-125		6010B
Arsenic	353.9	0.74 J	396	89	75-125		6010B
Barium	374.5	39.6 U	396	95	75-125		6010B
Beryllium	9.31	0.40 U	9.90	94	75-125		6010B
Cadmium	9.35	0.99 U	9.90	94	75-125		6010B
Calcium	3933	60.3 J	3960	98	75-125		6010B
Chromium	40.85	2.3	39.6	97	75-125		6010B
Cobalt	94.00	9.9 U	99.0	95	75-125		6010B
Copper	47.31	5.0 U	49.5	96	75-125		6010B
Iron	1692	1510	198	92	75-125		6010B
Lead	96.99	1.2	99.0	97	75-125		6010B
Magnesium	3788	33.2 J	3960	95	75-125		6010B
Manganese	102.1	1.3 J	99.0	102	75-125		6010B
Nickel	95.47	7.9 U	99.0	96	75-125		6010B
Potassium	3657	990 U	3960	92	75-125		6010B
Selenium	345.9	2.0 U	396	87	75-125		6010B
Silver	7.42	2.0 U	9.90	75	75-125		6010B
Sodium	3622	990 U	3960	91	75-125		6010B
Thallium	396.8	2.0 U	396	100	75-125		6010B
Vanadium	95.84	2.0 J	99.0	95	75-125		6010B
Zinc	93.23	5.9 U	99.0	94	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

6-IN
DUPLICATES
METALS

Client ID: FB-17338-100511-MM-147 DU

Lab ID: 460-32125-8 DU

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

SDG No.: _____

% Solids for Sample: 100.0

% Solids for Duplicate: 100.0

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	39.6	166	200.8	19		6010B
Antimony	2.0	2.0 U	2.0 U	NC		6010B
Arsenic	0.99	0.74 J	0.869 J	15		6010B
Barium	39.6	39.6 U	39.6 U	NC		6010B
Beryllium	0.40	0.40 U	0.40 U	NC		6010B
Cadmium	0.99	0.99 U	0.99 U	NC		6010B
Calcium	990	60.3 J	106.9 J	56		6010B
Chromium	2.0	2.3	2.74	19		6010B
Cobalt	9.9	9.9 U	9.9 U	NC		6010B
Copper	5.0	5.0 U	5.0 U	NC		6010B
Iron	29.7	1510	1813	18		6010B
Lead	0.99	1.2	1.32	7		6010B
Magnesium	990	33.2 J	45.09 J	30		6010B
Manganese	3.0	1.3 J	1.66 J	27		6010B
Nickel	7.9	7.9 U	7.9 U	NC		6010B
Potassium	990	990 U	990 U	NC		6010B
Selenium	2.0	2.0 U	2.0 U	NC		6010B
Silver	2.0	2.0 U	2.0 U	NC		6010B
Sodium	990	990 U	990 U	NC		6010B
Thallium	2.0	2.0 U	2.0 U	NC		6010B
Vanadium	9.9	2.0 J	2.13 J	5		6010B
Zinc	5.9	5.9 U	5.9 U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-32275-A-6-I DU
Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
% Solids for Sample: 34.0 % Solids for Duplicate: 34.0
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.097	0.14	0.141	2		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-32121-A-22-C DU
Lab Name: TestAmerica Edison Job No.: 460-32125-1
SDG No.: _____
% Solids for Sample: 84.7 % Solids for Duplicate: 84.7
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.039	0.039 U	0.039 U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-89665/2-A

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10200	8089		79	46.1	154		6010B
Antimony	65.4	175.9		269	32.0	353		6010B
Arsenic	101	94.21		93	69.7	131		6010B
Barium	192	181.2		94	73.2	126		6010B
Beryllium	75.3	74.39		99	74.0	126		6010B
Cadmium	58.9	58.00		98	73.3	127		6010B
Calcium	9580	9992		104	75.4	125		6010B
Chromium	229	232.6		102	70.8	129		6010B
Cobalt	88.5	91.42		103	74.4	126		6010B
Copper	169	166.0		98	75.3	124		6010B
Iron	17500	17810		102	42.1	158		6010B
Lead	83.5	82.19		98	69.8	130		6010B
Magnesium	3880	3654		94	69.5	131		6010B
Manganese	542	576.9		106	77.4	123		6010B
Nickel	130	134.4		103	73.2	127		6010B
Potassium	4170	3870		93	65.3	135		6010B
Selenium	278	258.1		93	69.6	130		6010B
Silver	29.2	28.12		96	65.1	135		6010B
Sodium	990	918.3	J	93	60.2	139		6010B
Thallium	117	125.1		106	67.8	133		6010B
Vanadium	112	111.9		100	67.6	132		6010B
Zinc	577	567.8		98	73.6	127		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-89271/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid (mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.73		103	51.3	149		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-89273/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-32125-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid (mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	9.22		109	51.3	149		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-32125-8

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32125-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	166		157.8	J	NC		6010B
Antimony	2.0	U	9.9	U	NC		6010B
Arsenic	0.74	J	5.0	U	NC		6010B
Barium	39.6	U	198	U	NC		6010B
Beryllium	0.40	U	2.0	U	NC		6010B
Cadmium	0.99	U	5.0	U	NC		6010B
Calcium	60.3	J	4950	U	NC		6010B
Chromium	2.3		9.9	U	NC		6010B
Cobalt	9.9	U	49.5	U	NC		6010B
Copper	5.0	U	24.8	U	NC		6010B
Iron	1510		1518		0.43		6010B
Lead	1.2		5.0	U	NC		6010B
Magnesium	33.2	J	4950	U	NC		6010B
Manganese	1.3	J	14.9	U	NC		6010B
Nickel	7.9	U	39.6	U	NC		6010B
Potassium	990	U	4950	U	NC		6010B
Selenium	2.0	U	9.9	U	NC		6010B
Silver	2.0	U	9.9	U	NC		6010B
Sodium	990	U	4950	U	NC		6010B
Thallium	2.0	U	9.9	U	NC		6010B
Vanadium	2.0	J	49.5	U	NC		6010B
Zinc	5.9	U	29.7	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-32275-A-6-H SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32125-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.14		0.48	U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-32121-A-22-B SD

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32125-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.039	U	0.19	U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-32125-1
 SDG Number: _____
 Matrix: Solid Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 10:24
 Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum	308.0	10	3.664
Antimony	206.8	0.5	0.22
Arsenic	189.0	0.25	0.174
Barium	483.4	10	0.302
Beryllium	313.0	0.1	0.044
Cadmium	226.5	0.25	0.039
Calcium	317.9	250	6.574
Chromium	267.7	0.5	0.297
Cobalt	228.6	2.5	0.307
Copper	324.7	1.25	0.204
Iron	271.4	7.5	2.654
Lead	220.6	0.25	0.125
Magnesium	279.0	250	2.645
Manganese	257.0	0.75	0.282
Nickel	231.6	2	0.134
Potassium	766.4	250	11.284
Selenium	196.0	0.5	0.234
Silver	328.0	0.5	0.038
Sodium	330.2	250	15.352
Thallium	190.8	0.5	0.242
Vanadium	292.4	2.5	0.13
Zinc	206.2	1.5	0.245

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP4
Method: 6010B XMDL Date: 01/01/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	86.956
Antimony		10	4.6
Arsenic		5	3.831
Barium		200	3.212
Beryllium		2	0.942
Cadmium		5	0.918
Calcium		5000	72.229
Chromium		10	3.201
Cobalt		50	2.767
Copper		25	3.648
Iron		150	40.158
Lead		5	2.787
Magnesium		5000	58.863
Manganese		15	2.515
Nickel		40	3.509
Potassium		5000	208.667
Selenium		10	4.752
Silver		10	0.969
Sodium		5000	341.097
Thallium		10	4.643
Vanadium		50	1.978
Zinc		30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A MDL Date: 03/23/2011 11:28
Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A XMDL Date: 12/30/2008 14:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-32125-1

SDG No.: _____

Instrument ID: ICP4

Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89665/1-A ^2	10/15/2011 17:32	89665	1.00		50
LCSSRM 460-89665/2-A	10/15/2011 17:32	89665	1.03		50
460-32125-1	10/15/2011 17:32	89665	1.00		50
460-32125-2	10/15/2011 17:32	89665	1.12		50
460-32125-3	10/15/2011 17:32	89665	1.08		50
460-32125-4	10/15/2011 17:32	89665	1.06		50
460-32125-5	10/15/2011 17:32	89665	1.09		50
460-32125-6	10/15/2011 17:32	89665	1.06		50
460-32125-7	10/15/2011 17:32	89665	1.04		50
460-32125-8	10/15/2011 17:32	89665	1.01		50
460-32125-8 DU	10/15/2011 17:32	89665	1.01		50
460-32125-8 MS	10/15/2011 17:32	89665	1.02		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89271/10-A	10/12/2011 18:00	89271	0.60		100
LCSSRM 460-89271/11-A ^10	10/12/2011 18:00	89271	0.60		100
460-32275-A-6-I DU	10/12/2011 18:00	89271	0.60		100
460-32275-A-6-J MS	10/12/2011 18:00	89271	0.60		100
460-32125-1	10/12/2011 18:00	89271	0.60		100
460-32125-2	10/12/2011 18:00	89271	0.65		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89273/10-A	10/12/2011 18:00	89273	0.60		100
LCSSRM 460-89273/11-A ^10	10/12/2011 18:00	89273	0.60		100
460-32121-A-22-C DU	10/12/2011 18:00	89273	0.60		100
460-32121-A-22-D MS	10/12/2011 18:00	89273	0.60		100
460-32125-3	10/12/2011 18:00	89273	0.66		100
460-32125-4	10/12/2011 18:00	89273	0.62		100
460-32125-5	10/12/2011 18:00	89273	0.63		100
460-32125-6	10/12/2011 18:00	89273	0.62		100
460-32125-7	10/12/2011 18:00	89273	0.67		100
460-32125-8	10/12/2011 18:00	89273	0.65		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			15:00																			
ZZZZZZ			15:04																			
ZZZZZZ			15:08																			
ZZZZZZ			15:11																			
ZZZZZZ			15:14																			
ICV 460-89684/6	1		15:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-89684/7	1		15:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-89684/8	1		15:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-89684/9	1		15:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:33																			
ZZZZZZ			15:36																			
ZZZZZZ			15:40																			
ZZZZZZ			15:44																			
ZZZZZZ			15:47																			
ZZZZZZ			15:51																			
ZZZZZZ			15:54																			
ZZZZZZ			15:58																			
CCV 460-89684/18	1		16:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-89684/19	1		16:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:08																			
460-32125-8 DU	4	T	16:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-8	4	T	16:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-8 SD	20	T	16:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-8 MS	4	T	16:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:26																			
ZZZZZZ			16:30																			
ZZZZZZ			16:33																			
ZZZZZZ			16:37																			
460-32125-8 PDS	4	T	16:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-89684/30	1		16:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-89684/31	1		16:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-89665/1-A ^2	2	T	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-89665/2-A	4	T	16:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-5	4	T	16:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-6	4	T	17:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-7	4	T	17:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:09																			
ZZZZZZ			17:12																			
ZZZZZZ			17:16																			
ZZZZZZ			17:19																			
ZZZZZZ			17:23																			
CCV 460-89684/42	1		17:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
CCB 460-89684/43	1		17:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:34																				
ZZZZZZ			17:37																				
ZZZZZZ			17:41																				
ZZZZZZ			17:44																				
ZZZZZZ			17:48																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:02																				
ZZZZZZ			18:05																				
CCV 460-89684/54			18:09																				
CCB 460-89684/55			18:12																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:23																				
ZZZZZZ			18:27																				
ZZZZZZ			18:30																				
ZZZZZZ			18:34																				
ZZZZZZ			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:48																				
CCV 460-89684/66			18:52																				
CCB 460-89684/67			18:55																				
ZZZZZZ			18:59																				
ZZZZZZ			19:02																				
ZZZZZZ			19:06																				
ZZZZZZ			19:09																				
ZZZZZZ			19:13																				
ZZZZZZ			19:16																				
ZZZZZZ			19:20																				
ZZZZZZ			19:23																				
ZZZZZZ			19:27																				
ZZZZZZ			19:31																				
CCV 460-89684/78			19:34																				
CCB 460-89684/79			19:38																				
ZZZZZZ			19:41																				
ZZZZZZ			19:45																				
ZZZZZZ			19:48																				
ZZZZZZ			19:52																				
ZZZZZZ			19:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			19:59																			
ZZZZZZ			20:03																			
ZZZZZZ			20:06																			
ZZZZZZ			20:10																			
ZZZZZZ			20:13																			
CCV 460-89684/90	1		20:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-89684/91	1		20:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-1	4	T	20:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-2	4	T	20:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-3	4	T	20:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-32125-4	4	T	20:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:38																			
CCV 460-89684/97	1		20:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-89684/98	1		20:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			15:00																		
ZZZZZZ			15:04																		
ZZZZZZ			15:08																		
ZZZZZZ			15:11																		
ZZZZZZ			15:14																		
ICV 460-89684/6	1		15:18	X	X																
ICB 460-89684/7	1		15:22	X	X																
ICSA 460-89684/8	1		15:25	X	X																
ICSAB 460-89684/9	1		15:29	X	X																
ZZZZZZ			15:33																		
ZZZZZZ			15:36																		
ZZZZZZ			15:40																		
ZZZZZZ			15:44																		
ZZZZZZ			15:47																		
ZZZZZZ			15:51																		
ZZZZZZ			15:54																		
ZZZZZZ			15:58																		
CCV 460-89684/18	1		16:01	X	X																
CCB 460-89684/19	1		16:05	X	X																
ZZZZZZ			16:08																		
460-32125-8 DU	4	T	16:12	X	X																
460-32125-8	4	T	16:16	X	X																
460-32125-8 SD	20	T	16:19	X	X																
460-32125-8 MS	4	T	16:23	X	X																
ZZZZZZ			16:26																		
ZZZZZZ			16:30																		
ZZZZZZ			16:33																		
ZZZZZZ			16:37																		
460-32125-8 PDS	4	T	16:41	X	X																
CCV 460-89684/30	1		16:44	X	X																
CCB 460-89684/31	1		16:47	X	X																
MB 460-89665/1-A ^2	2	T	16:51	X	X																
LCSSRM 460-89665/2-A	4	T	16:55	X	X																
460-32125-5	4	T	16:58	X	X																
460-32125-6	4	T	17:02	X	X																
460-32125-7	4	T	17:05	X	X																
ZZZZZZ			17:09																		
ZZZZZZ			17:12																		
ZZZZZZ			17:16																		
ZZZZZZ			17:19																		
ZZZZZZ			17:23																		
CCV 460-89684/42	1		17:27	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-89684/43	1		17:30	X	X																
ZZZZZZ			17:34																		
ZZZZZZ			17:37																		
ZZZZZZ			17:41																		
ZZZZZZ			17:44																		
ZZZZZZ			17:48																		
ZZZZZZ			17:51																		
ZZZZZZ			17:55																		
ZZZZZZ			17:58																		
ZZZZZZ			18:02																		
ZZZZZZ			18:05																		
CCV 460-89684/54			18:09																		
CCB 460-89684/55			18:12																		
ZZZZZZ			18:16																		
ZZZZZZ			18:20																		
ZZZZZZ			18:23																		
ZZZZZZ			18:27																		
ZZZZZZ			18:30																		
ZZZZZZ			18:34																		
ZZZZZZ			18:37																		
ZZZZZZ			18:41																		
ZZZZZZ			18:44																		
ZZZZZZ			18:48																		
CCV 460-89684/66			18:52																		
CCB 460-89684/67			18:55																		
ZZZZZZ			18:59																		
ZZZZZZ			19:02																		
ZZZZZZ			19:06																		
ZZZZZZ			19:09																		
ZZZZZZ			19:13																		
ZZZZZZ			19:16																		
ZZZZZZ			19:20																		
ZZZZZZ			19:23																		
ZZZZZZ			19:27																		
ZZZZZZ			19:31																		
CCV 460-89684/78			19:34																		
CCB 460-89684/79			19:38																		
ZZZZZZ			19:41																		
ZZZZZZ			19:45																		
ZZZZZZ			19:48																		
ZZZZZZ			19:52																		
ZZZZZZ			19:56																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			19:59																		
ZZZZZZ			20:03																		
ZZZZZZ			20:06																		
ZZZZZZ			20:10																		
ZZZZZZ			20:13																		
CCV 460-89684/90	1		20:17	X	X																
CCB 460-89684/91	1		20:20	X	X																
460-32125-1	4	T	20:24	X	X																
460-32125-2	4	T	20:28	X	X																
460-32125-3	4	T	20:31	X	X																
460-32125-4	4	T	20:35	X	X																
ZZZZZZ			20:38																		
CCV 460-89684/97	1		20:42	X	X																
CCB 460-89684/98	1		20:45	X	X																

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/12/2011 20:11 End Date: 10/12/2011 22:16

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-89271/1-A			20:11	X															
IC 460-89271/2-A			20:13	X															
IC 460-89271/3-A			20:16	X															
IC 460-89271/4-A			20:18	X															
IC 460-89271/5-A			20:20	X															
IC 460-89271/6-A			20:22	X															
ICV 460-89271/7-A	1		20:24	X															
ICB 460-89287/8	1		20:26	X															
MB 460-89271/10-A	1	T	20:28	X															
LCSSRM 460-89271/11-A ^10	10	T	20:29	X															
ZZZZZZ			20:32																
460-32275-A-6-I DU	1	T	20:33	X															
460-32275-A-6-J MS	1	T	20:35	X															
ZZZZZZ			20:37																
ZZZZZZ			20:40																
ZZZZZZ			20:42																
ZZZZZZ			20:43																
ZZZZZZ			20:45																
CCV 460-89271/8-A	1		20:47	X															
CCB 460-89287/20	1		20:49	X															
ZZZZZZ			20:51																
ZZZZZZ			20:53																
ZZZZZZ			20:55																
ZZZZZZ			20:58																
ZZZZZZ			21:00																
ZZZZZZ			21:02																
ZZZZZZ			21:04																
ZZZZZZ			21:06																
ZZZZZZ			21:09																
ZZZZZZ			21:12																
CCV 460-89271/8-A	1		21:13	X															
CCB 460-89287/32	1		21:15	X															
ZZZZZZ			21:17																
ZZZZZZ			21:19																
460-32125-1	1	T	21:21	X															
460-32125-2	1	T	21:23	X															
460-32275-A-6-H SD ^5	5	T	21:26	X															
CCV 460-89271/8-A	1		21:29	X															
CCB 460-89287/39	1		21:31	X															
MB 460-89273/10-A	1	T	21:33	X															
LCSSRM 460-89273/11-A ^10	10	T	21:35	X															

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

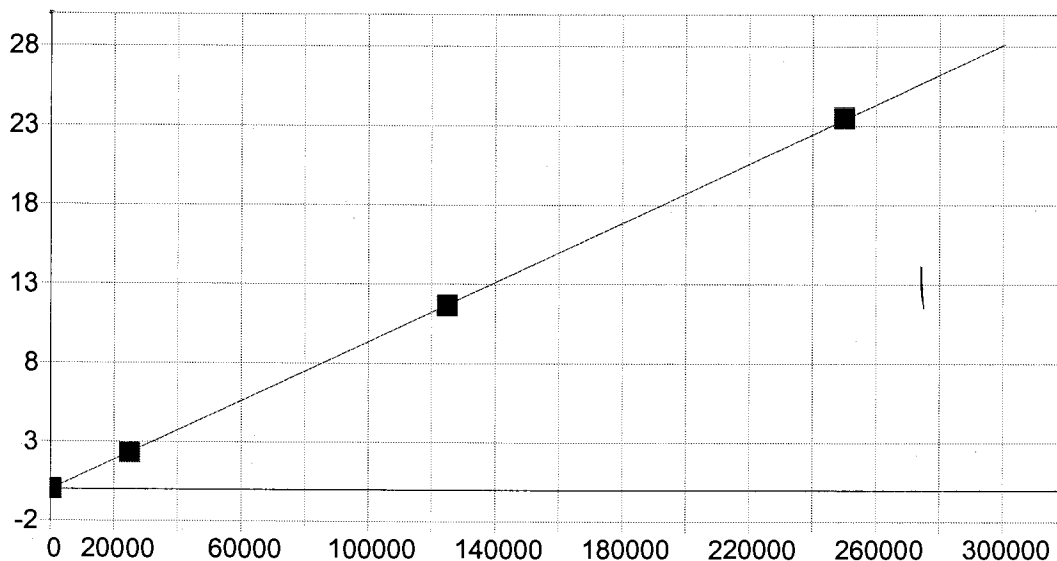
Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/12/2011 20:11 End Date: 10/12/2011 22:16

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			21:36																		
460-32121-A-22-C DU	1	T	21:38	X																	
460-32121-A-22-D MS	1	T	21:40	X																	
460-32125-3	1	T	21:42	X																	
460-32125-4	1	T	21:44	X																	
460-32125-5	1	T	21:46	X																	
460-32125-6	1	T	21:48	X																	
460-32125-7	1	T	21:50	X																	
CCV 460-89271/8-A	1		21:52	X																	
CCB 460-89287/51	1		21:54	X																	
460-32125-8	1	T	21:56	X																	
ZZZZZZ			21:58																		
ZZZZZZ			22:00																		
ZZZZZZ			22:02																		
ZZZZZZ			22:04																		
ZZZZZZ			22:07																		
ZZZZZZ			22:09																		
ZZZZZZ			22:11																		
460-32121-A-22-B SD	5	T	22:13	X																	
CCV 460-89271/8-A	1		22:15	X																	
CCB 460-89287/62	1		22:16	X																	

Prep Types

T = Total/NA



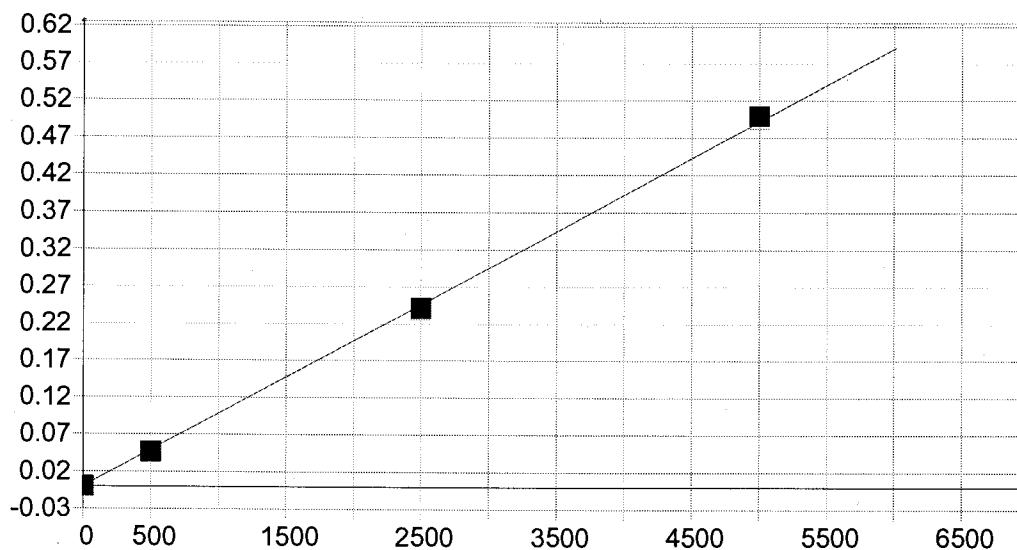
AI 396.152 { 85}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

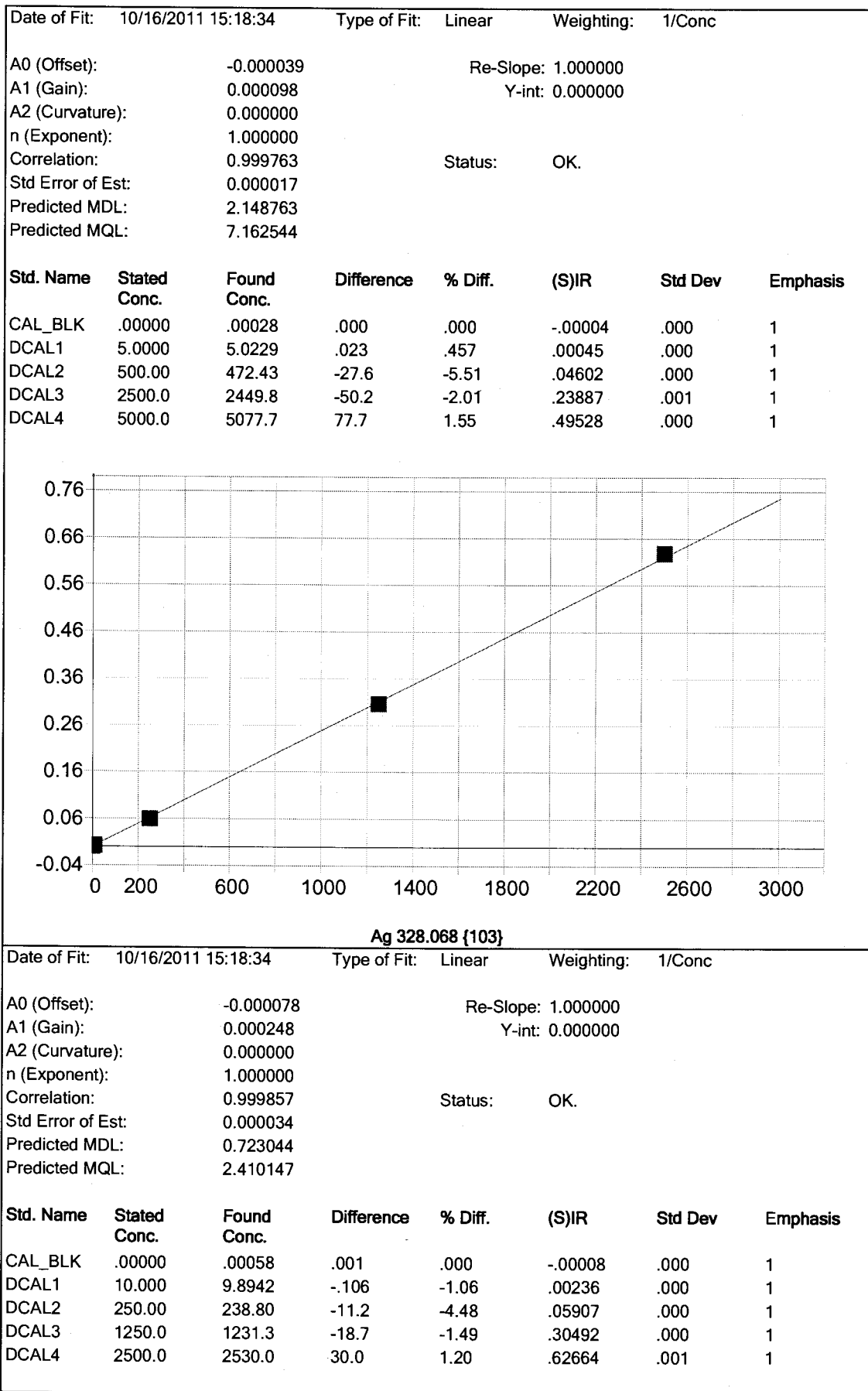
A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.000094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 12.381138
 Predicted MQL: 41.270460

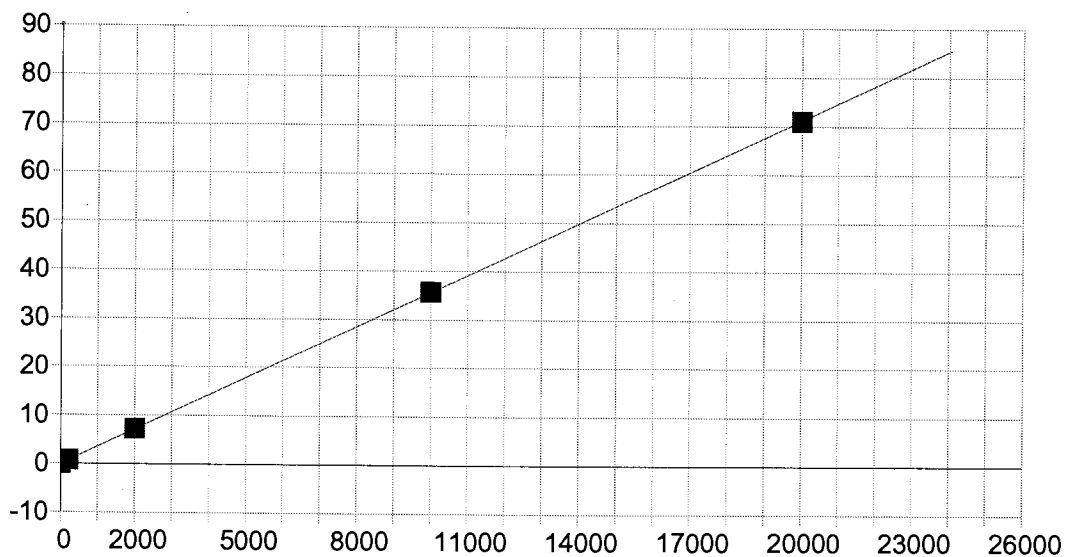
*methods:
 200-7
 +
 6010B
 PE 10-16-11*

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01888	.019	.000	-.00036	.001	1
DCAL1	200.00	183.34	-16.7	-8.33	.01687	.001	1
DCAL2	25000.	24763.	-237.	-.950	2.3197	.010	1
DCAL3	125000.	124350.	-650.	-.520	11.650	.026	1
DCAL4	250000.	250900.	904.	.362	23.507	.089	1



As 189.042 {478}



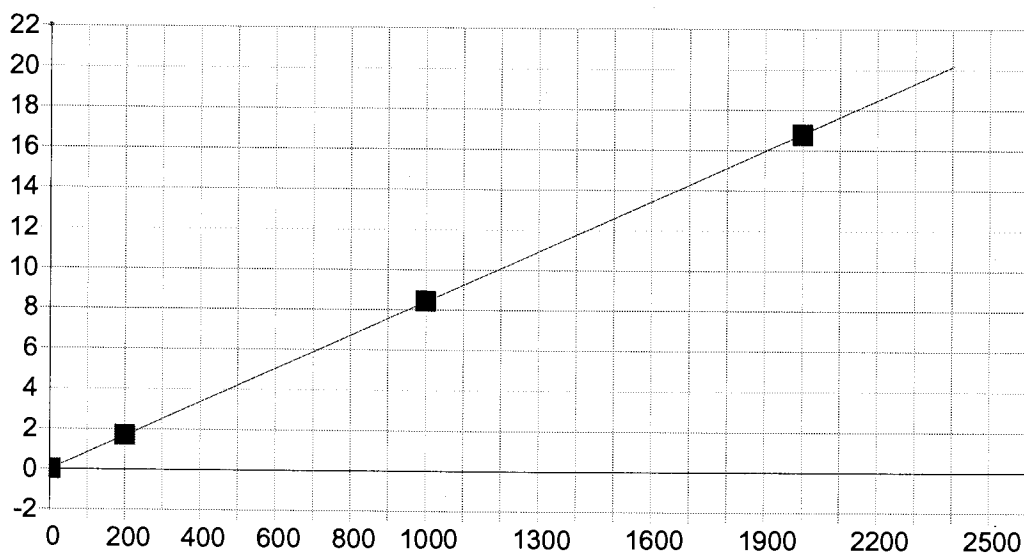


Ba 233.527 (445)

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.003559 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.001652
 Predicted MDL: 0.118851
 Predicted MQL: 0.396170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00687	-.007	.000	.00007	.000	1
DCAL1	200.00	204.24	4.24	2.12	.72692	.001	1
DCAL2	2000.0	2027.3	27.3	1.36	7.2118	.006	1
DCAL3	10000.	10021.	21.3	.213	35.649	.031	1
DCAL4	20000.	19947.	-52.8	-.264	70.959	.073	1



Be 313.042 (108)

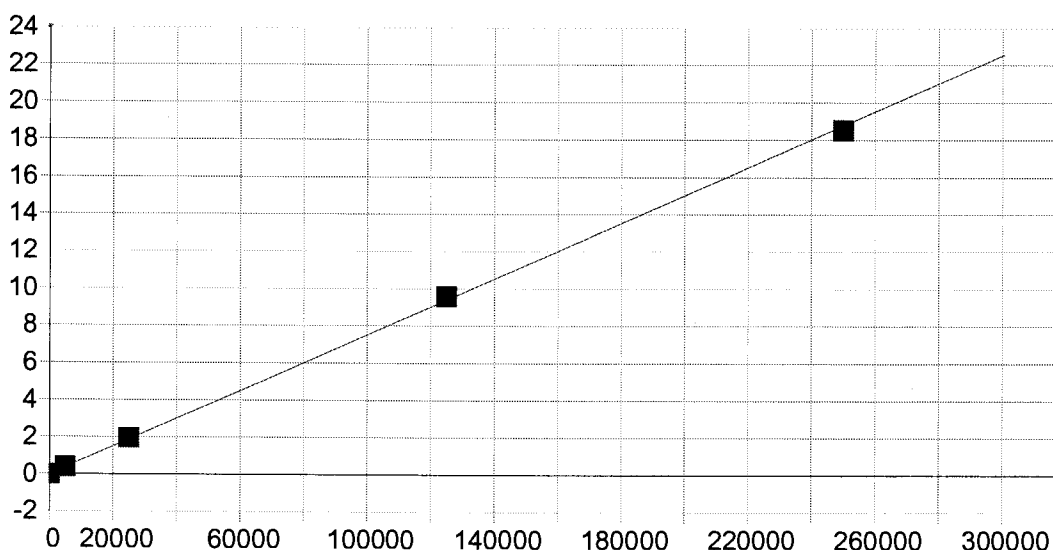
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000869
 A1 (Gain): 0.008397
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000134
 Predicted MDL: 0.098830
 Predicted MQL: 0.329435

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00017	.000	.000	-.00087	.001	1
DCAL1	2.0000	2.1430	.143	7.15	.01714	.001	1
DCAL2	200.00	202.76	2.76	1.38	1.7021	.006	1
DCAL3	1000.0	1003.2	3.18	.318	8.4250	.024	1
DCAL4	2000.0	1993.9	-6.08	-.304	16.746	.044	1



Ca 422.673 { 80}

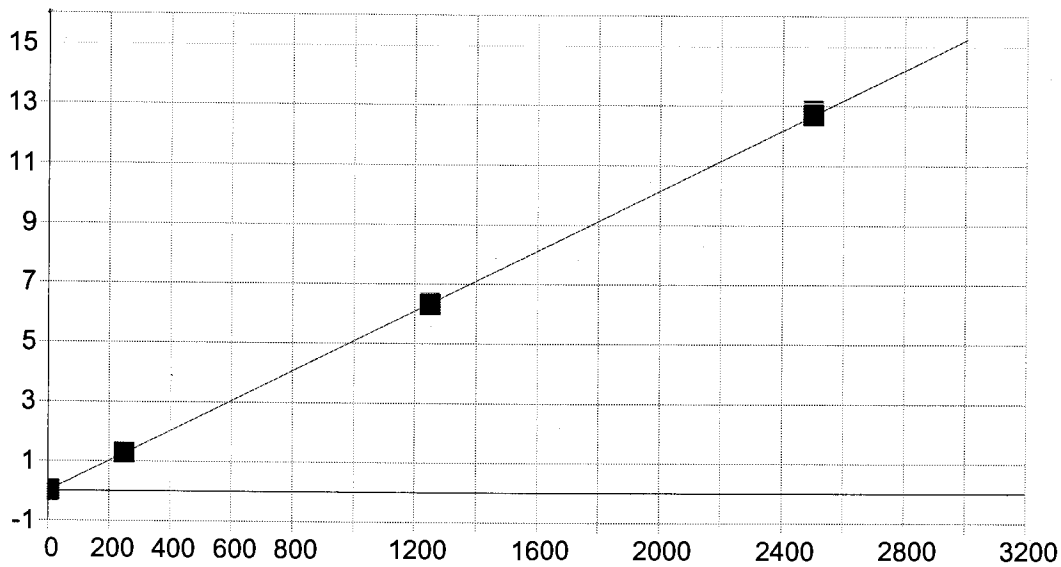
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007670
 A1 (Gain): 0.000075
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802
 Std Error of Est: 0.002742
 Predicted MDL: 13.761054
 Predicted MQL: 45.870181

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.44002	-.440	.000	-.00770	.001	1
DCAL1	5000.0	5197.3	197.	3.95	.38284	.002	1
DCAL2	25000.	26098.	1100.	4.39	1.9533	.006	1
DCAL3	125000.	127450.	2450.	1.96	9.5683	.020	1
DCAL4	250000.	246260.	-3740.	-1.50	18.495	.044	1

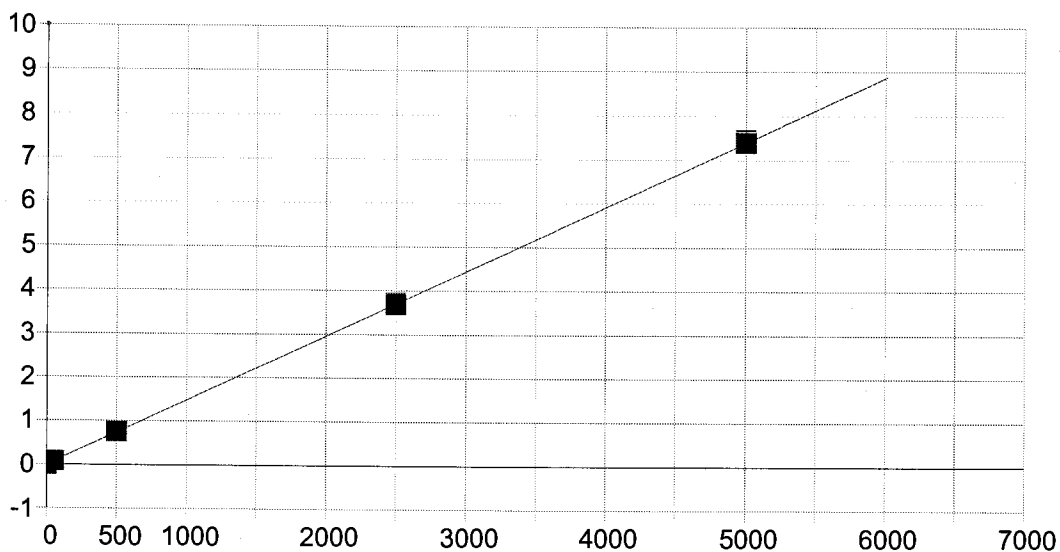


Cd 226.502 {449}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.005074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.098089
 Predicted MQL: 0.326962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00014	.000	.000	-.00046	.000	1
DCAL1	4.0000	4.1111	.111	2.78	.02049	.000	1
DCAL2	250.00	252.80	2.80	1.12	1.2941	.002	1
DCAL3	1250.0	1243.9	-6.09	-.487	6.3702	.007	1
DCAL4	2500.0	2503.2	3.18	.127	12.819	.018	1



Co 228.616 {447}

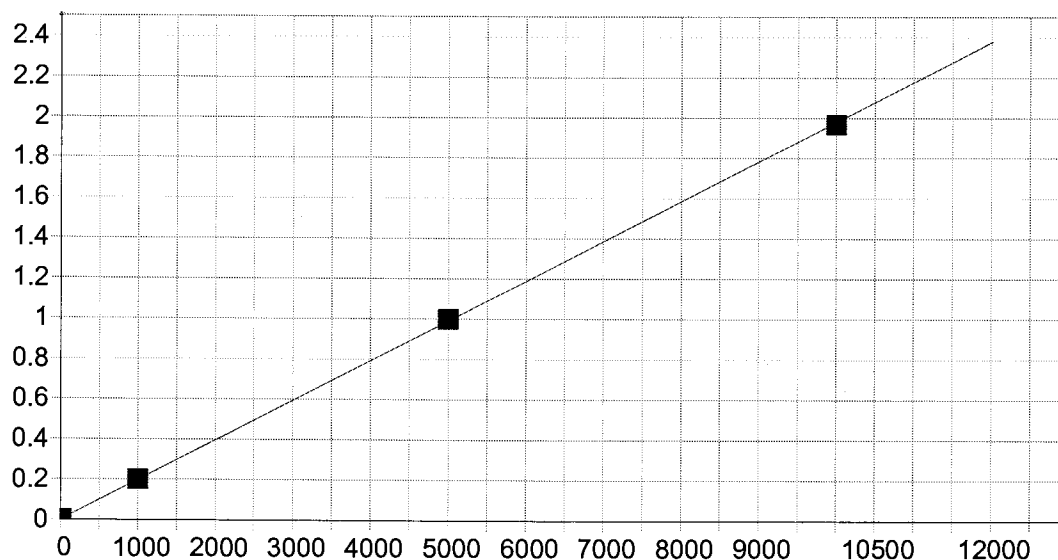
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000814
 A1 (Gain): 0.001477
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000219
 Predicted MDL: 0.284721
 Predicted MQL: 0.949071

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00233	-.002	.000	-.00082	.000	1
DCAL1	50.000	51.540	1.54	3.08	.07531	.000	1
DCAL2	500.00	509.78	9.78	1.96	.75822	.000	1
DCAL3	2500.0	2492.5	-7.54	-.302	3.7110	.002	1
DCAL4	5000.0	4996.2	-3.76	-.075	7.4395	.006	1



Cr 267.716 {126}

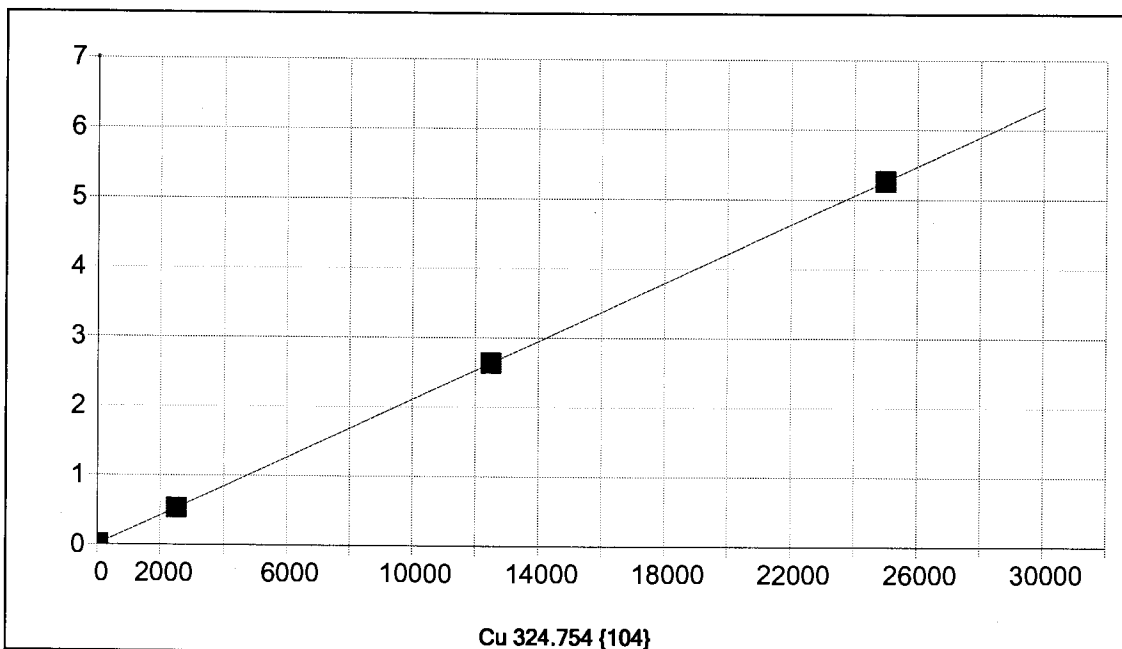
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110
 A1 (Gain): 0.000198
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000027
 Predicted MDL: 0.463050
 Predicted MQL: 1.543500

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

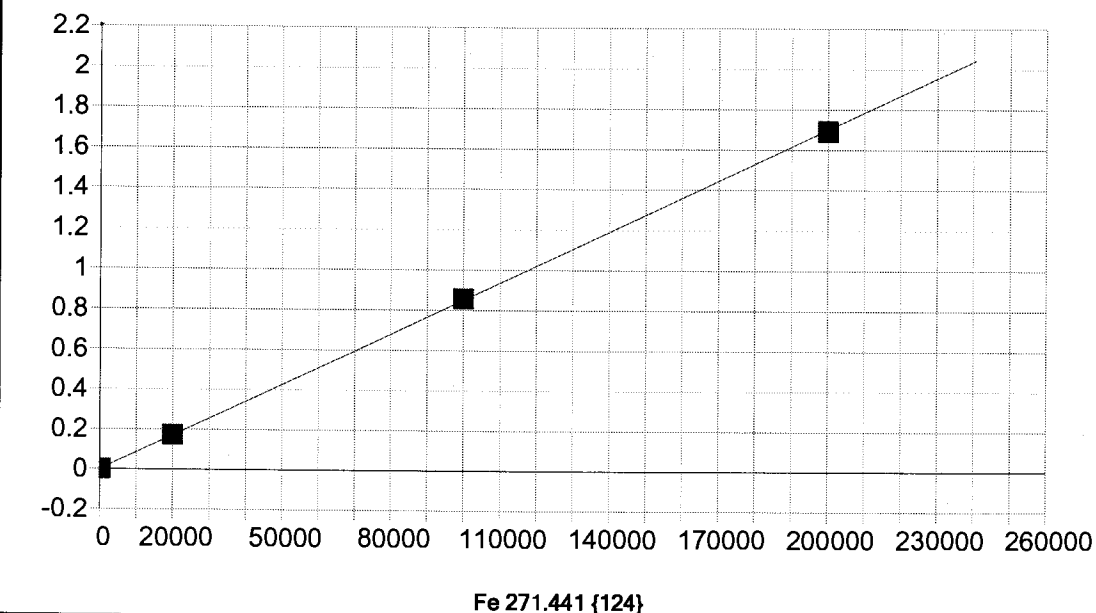
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00015	.000	.000	.00011	.000	1
DCAL1	10.000	9.9373	-.063	-.627	.00208	.000	1
DCAL2	1000.0	1018.0	18.0	1.80	.20169	.000	1
DCAL3	5000.0	5045.4	45.4	.909	.99917	.000	1
DCAL4	10000.	9936.6	-63.4	-.634	1.9677	.000	1



Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001605 Re-Slope: 1.000000
 A1 (Gain): 0.000211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 3.271082
 Predicted MQL: 10.903606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00155	-.002	.000	.00160	.001	1
DCAL1	25.000	26.298	1.30	5.19	.00714	.000	1
DCAL2	2500.0	2527.4	27.4	1.10	.53348	.000	1
DCAL3	12500.	12503.	3.01	.024	2.6327	.006	1
DCAL4	25000.	24968.	-31.7	-.127	5.2559	.015	1



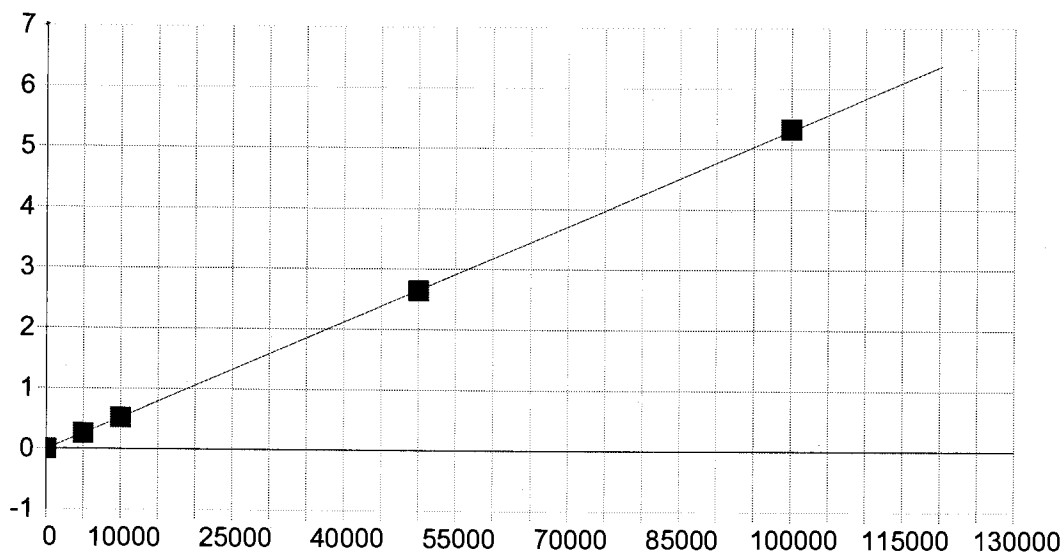
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022
 A1 (Gain): 0.000008
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000021
 Predicted MDL: 11.016491
 Predicted MQL: 36.721638

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01592	-.016	.000	.00002	.000	1
DCAL1	150.00	162.44	12.4	8.29	.00144	.000	1
DCAL2	20000.	20425.	425.	2.13	.17402	.000	1
DCAL3	100000.	100820.	825.	.825	.85894	.000	1
DCAL4	200000.	198740.	-1260.	-.631	1.6931	.001	1



K 766.490 { 44 }

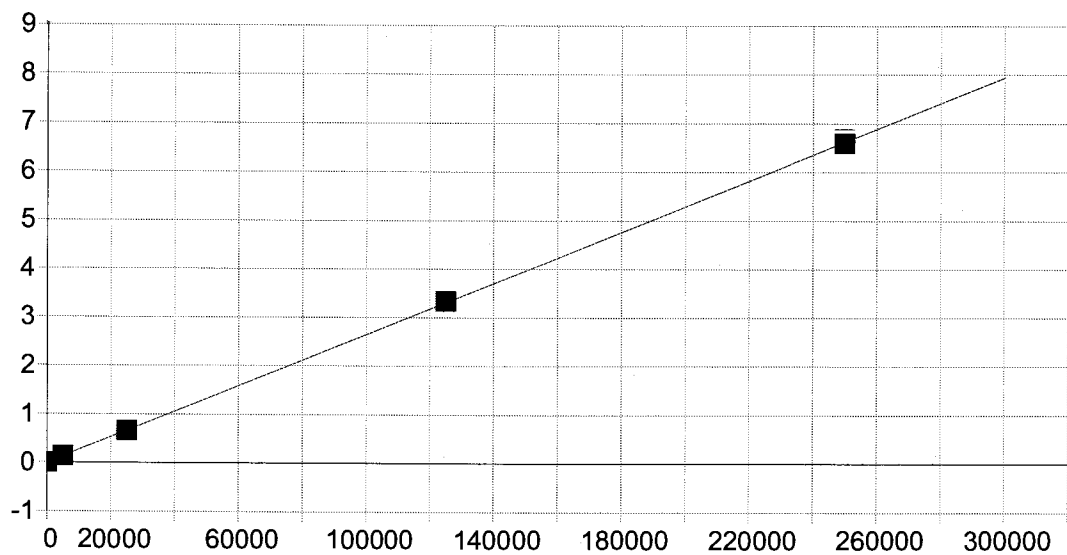
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.007576
 A1 (Gain): 0.000053
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000390
 Predicted MDL: 40.158949
 Predicted MQL: 133.863162

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.16356	.164	.000	-.00757	.003	1
DCAL1	5000.0	4914.5	-85.5	-1.71	.25319	.004	1
DCAL2	10000.	9836.0	-164.	-1.64	.51430	.003	1
DCAL3	50000.	49830.	-170.	-.341	2.6362	.006	1
DCAL4	100000.	100420.	420.	.420	5.3204	.008	1

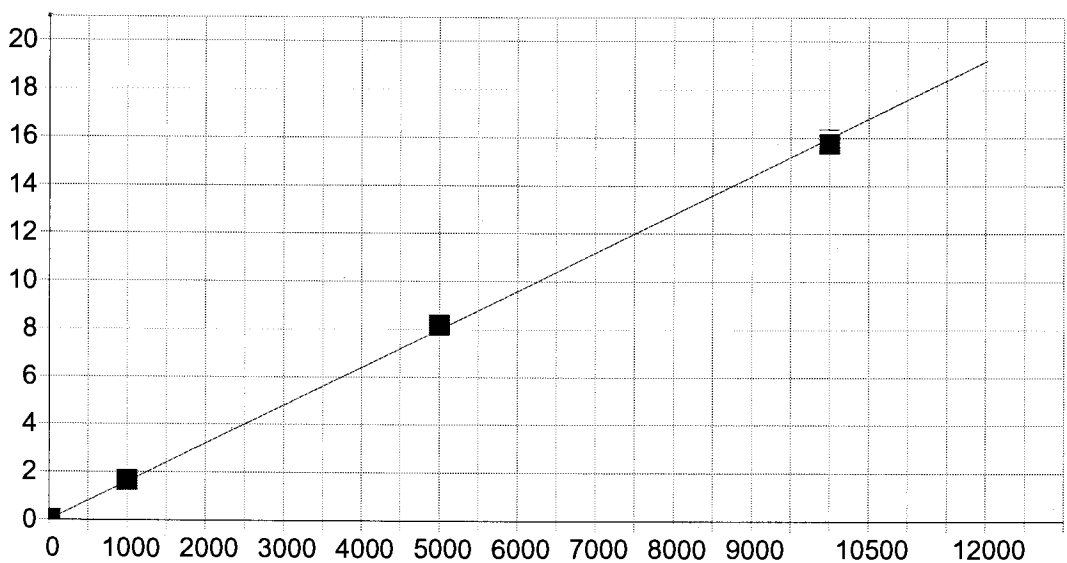


Mg 279.079 {121}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000077	Re-Slope: 1.000000
A1 (Gain):	0.000026	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999986	Status: OK.
Std Error of Est:	0.000260	
Predicted MDL:	3.903709	
Predicted MQL:	13.012362	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.07721	-.077	.000	-.00008	.000	1
DCAL1	5000.0	5086.0	86.0	1.72	.13451	.001	1
DCAL2	25000.	24860.	-140.	-.559	.65765	.001	1
DCAL3	125000.	125900.	901.	.721	3.3309	.008	1
DCAL4	250000.	249150.	-848.	-.339	6.5917	.078	1



Mn 257.610 {131}

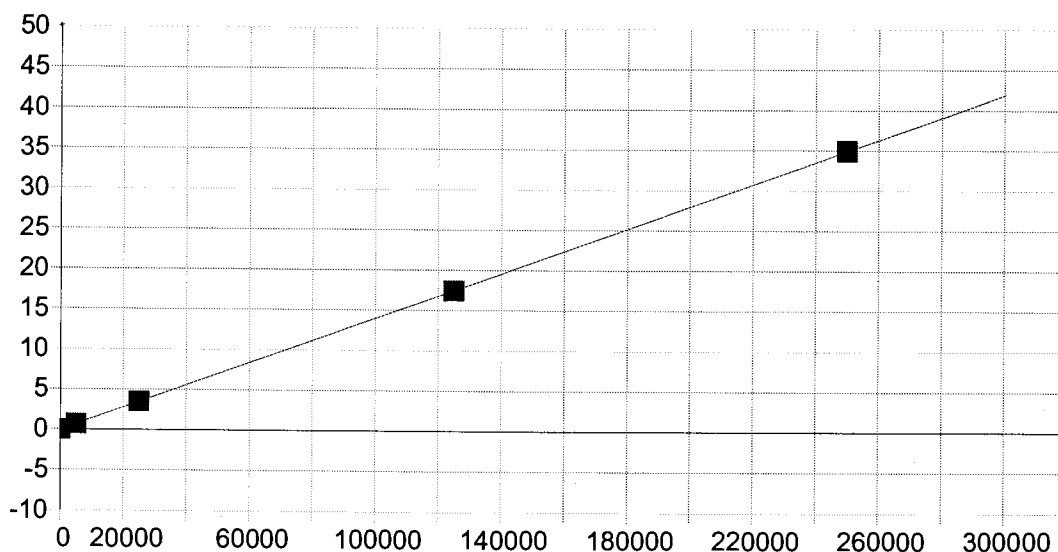
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058
 A1 (Gain): 0.001598
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800
 Std Error of Est: 0.000640
 Predicted MDL: 0.069771
 Predicted MQL: 0.232571

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00150	-.001	.000	.00006	.000	1
DCAL1	15.000	15.810	.810	5.40	.02533	.000	1
DCAL2	1000.0	1038.3	38.3	3.83	1.6596	.006	1
DCAL3	5000.0	5113.6	114.	2.27	8.1731	.022	1
DCAL4	10000.	9847.3	-153.	-1.53	15.739	.191	1



Na 589.592 { 57 }

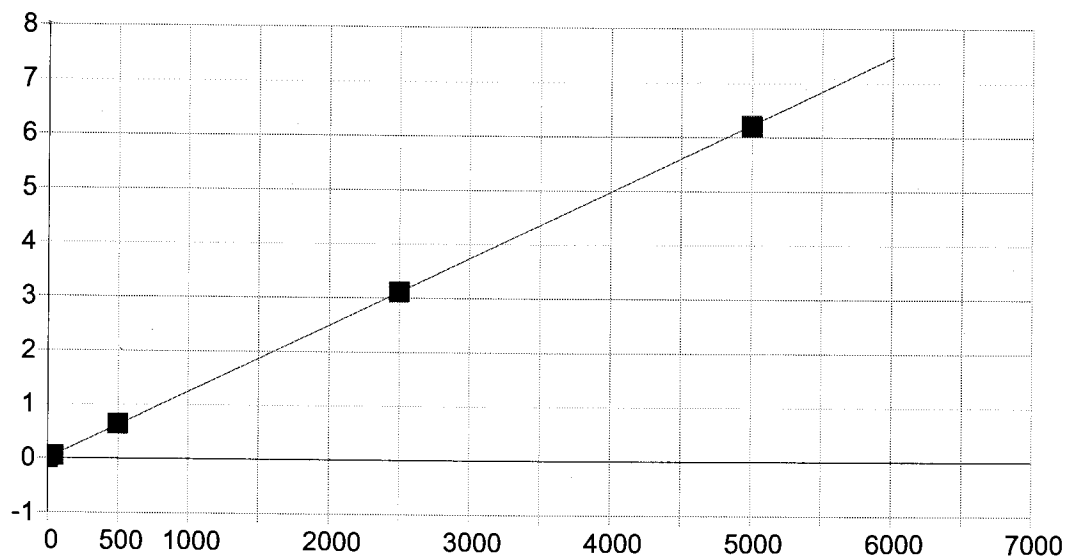
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010958
 A1 (Gain): 0.000140
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000498
 Predicted MDL: 14.167263
 Predicted MQL: 47.224210

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.08576	-.086	.000	-.01097	.002	1
DCAL1	5000.0	5077.1	77.1	1.54	.69796	.002	1
DCAL2	25000.	25046.	46.5	.186	3.4886	.008	1
DCAL3	125000.	125090.	90.3	.072	17.467	.024	1
DCAL4	250000.	249790.	-214.	-.086	34.890	.131	1

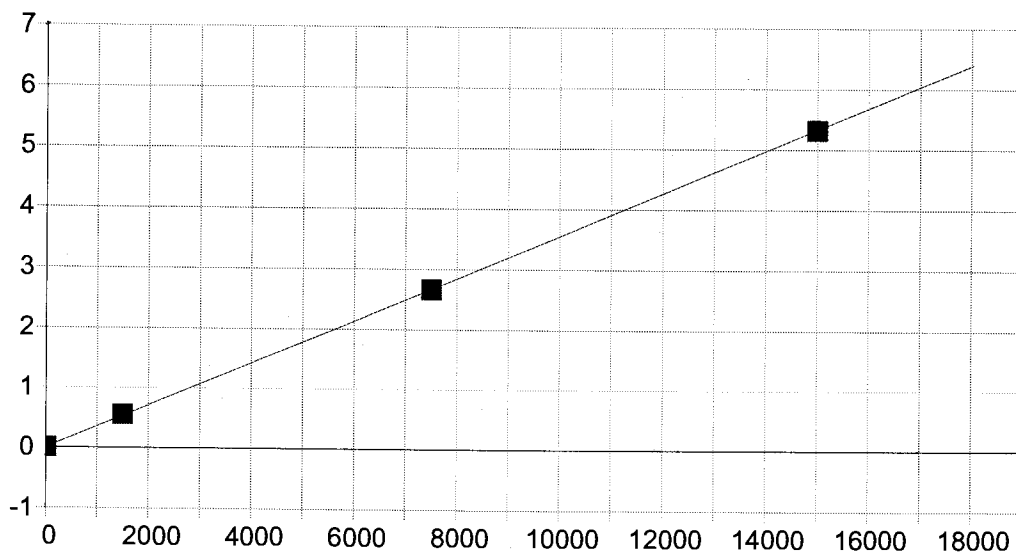


Ni 231.604 (446)

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000679 Re-Slope: 1.000000
 A1 (Gain): 0.001245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.391551
 Predicted MQL: 1.305169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00344	-.003	.000	-.00068	.000	1
DCAL1	40.000	42.479	2.48	6.20	.05220	.000	1
DCAL2	500.00	513.66	13.7	2.73	.63937	.000	1
DCAL3	2500.0	2499.4	-.597	-.024	3.1139	.003	1
DCAL4	5000.0	4984.5	-15.5	-.311	6.2105	.005	1



Pb 220.353 (453)

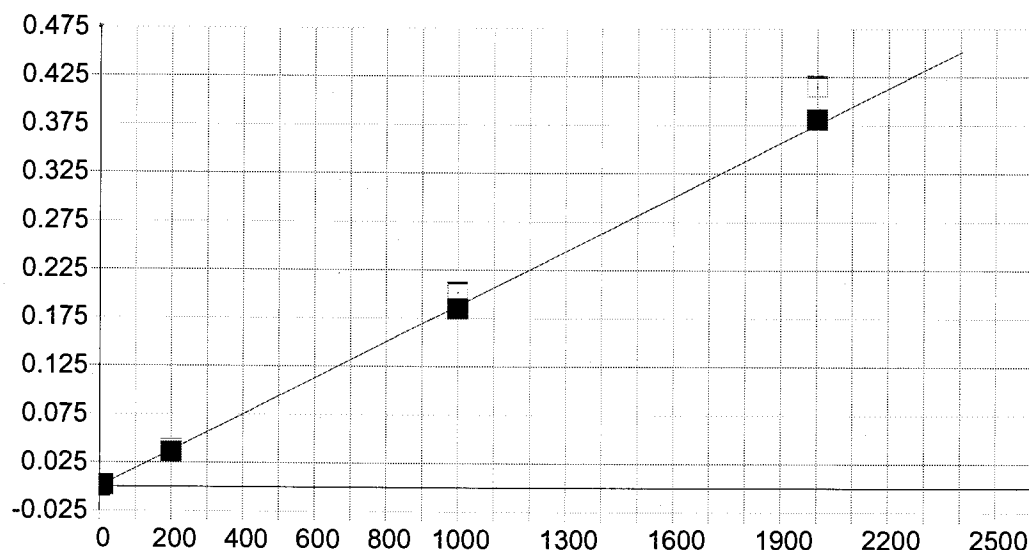
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139
 A1 (Gain): 0.000355
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000045
 Predicted MDL: 1.339496
 Predicted MQL: 4.464985

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00038	.000	.000	.00014	.000	1
DCAL1	5.0000	5.2322	.232	4.64	.00199	.000	1
DCAL2	1500.0	1551.3	51.3	3.42	.55091	.001	1
DCAL3	7500.0	7490.8	-9.21	-.123	2.6596	.005	1
DCAL4	15000.	14958.	-42.3	-.282	5.3105	.008	1



Sb 206.833 {463}

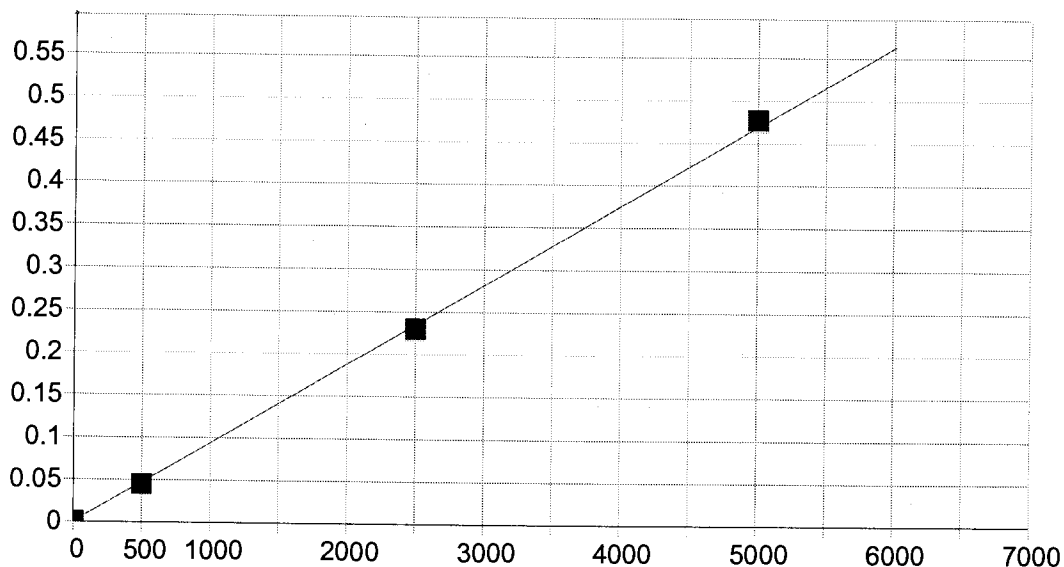
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.000116
 A1 (Gain): 0.000188
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824
 Std Error of Est: 0.000028
 Predicted MDL: 1.864934
 Predicted MQL: 6.216448

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00168	.002	.000	.00012	.000	1
DCAL1	10.000	8.8278	-1.17	-11.7	.00175	.000	1
DCAL2	200.00	190.56	-9.44	-4.72	.03928	.000	1
DCAL3	1000.0	981.54	-18.5	-1.85	.20130	.001	1
DCAL4	2000.0	2029.0	29.0	1.45	.41484	.001	1

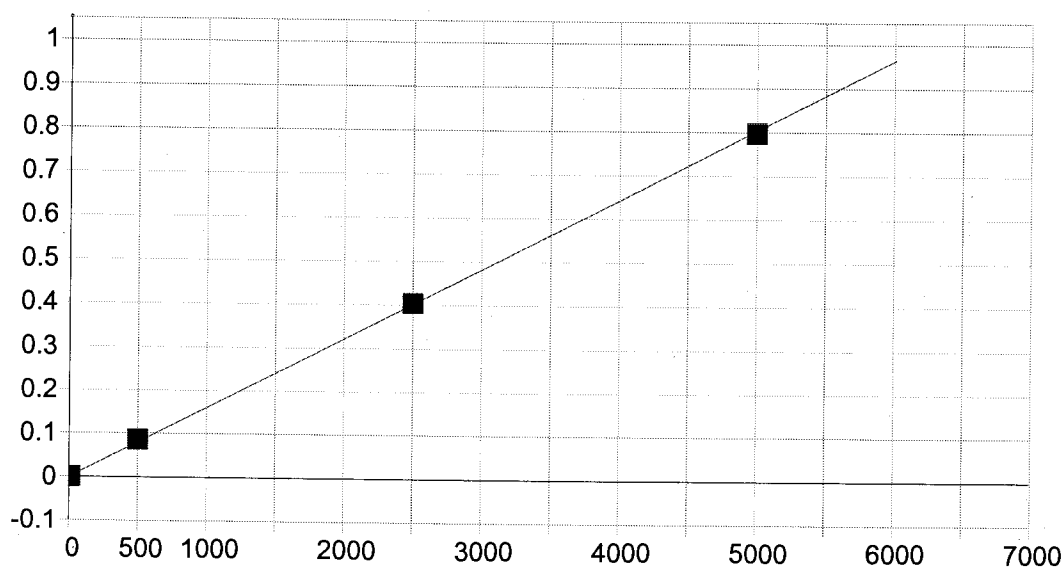


Se 196.090 {472}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.000094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 2.922366
 Predicted MQL: 9.741221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00218	.002	.000	.00027	.000	1
DCAL1	5.0000	3.1148	-1.89	-37.7	.00056	.000	1
DCAL2	500.00	473.33	-26.7	-5.33	.04432	.000	1
DCAL3	2500.0	2443.6	-56.4	-2.26	.22771	.001	1
DCAL4	5000.0	5085.0	85.0	1.70	.47370	.001	1



TI 190.856 {477}

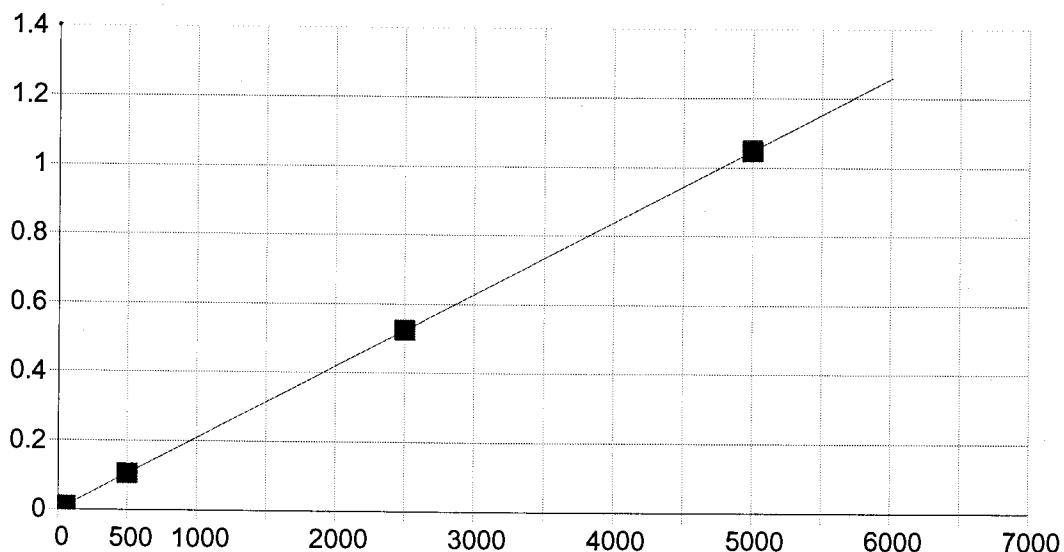
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000387
 A1 (Gain): 0.000161
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000035
 Predicted MDL: 1.823600
 Predicted MQL: 6.078667

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00057	-.001	.000	-.00039	.000	1
DCAL1	10.000	9.9252	-.075	-.748	.00122	.000	1
DCAL2	500.00	534.57	34.6	6.91	.08570	.001	1
DCAL3	2500.0	2511.2	11.2	.449	.40410	.001	1
DCAL4	5000.0	4954.3	-45.7	-.915	.79763	.000	1



V 292.402 {115}

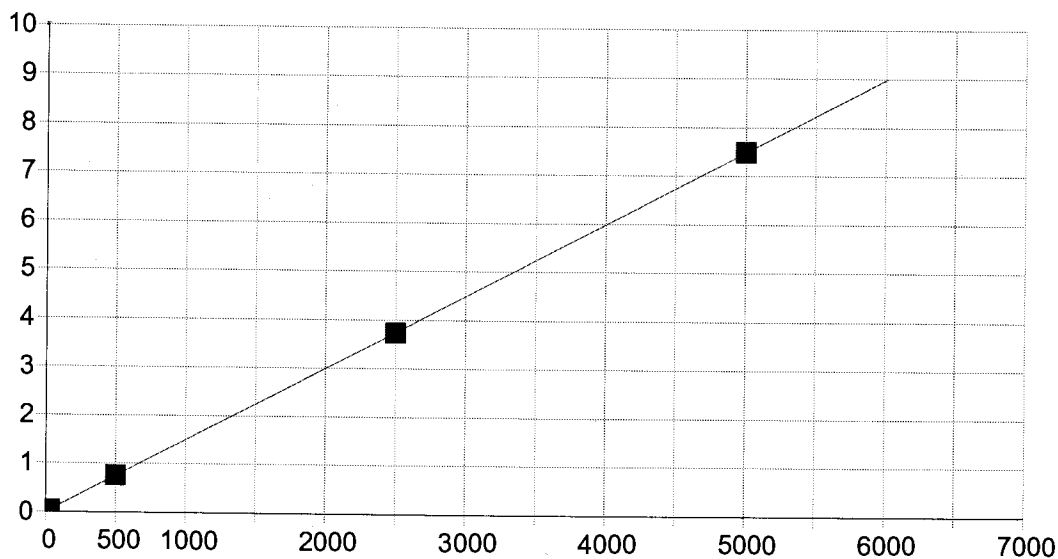
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.000073
 A1 (Gain): 0.000209
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000009
 Predicted MDL: 0.491350
 Predicted MQL: 1.637833

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00023	.000	.000	.00007	.000	1
DCAL1	50.000	49.869	-.131	-.261	.01052	.000	1
DCAL2	500.00	498.21	-1.79	-.358	.10470	.000	1
DCAL3	2500.0	2505.6	5.62	.225	.52624	.000	1
DCAL4	5000.0	4996.3	-3.70	-.074	1.0493	.001	1

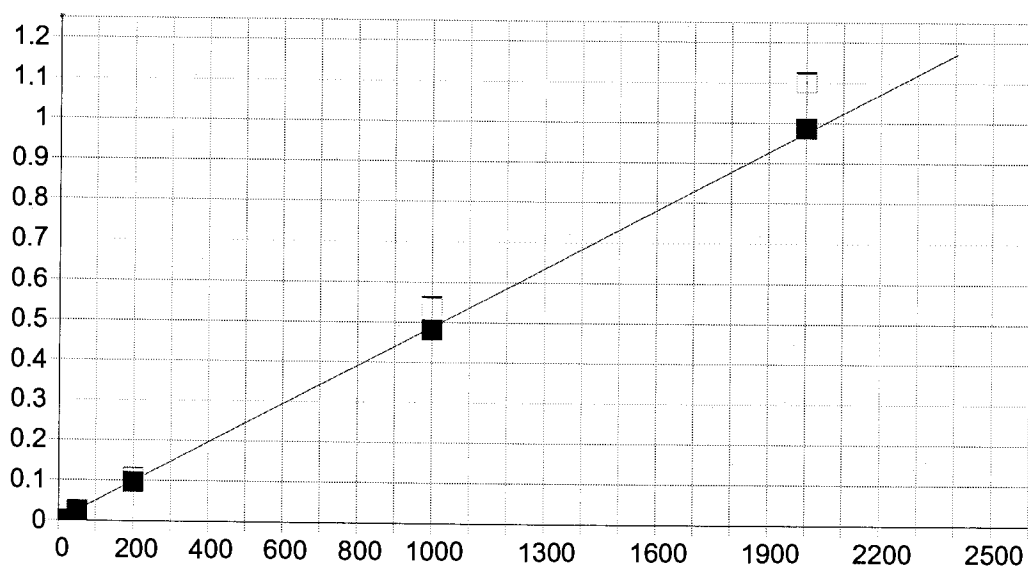


Zn 206.200 {463}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001217 Re-Slope: 1.000000
 A1 (Gain): 0.001496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.195364
 Predicted MQL: 0.651213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00145	-.001	.000	.00121	.000	1
DCAL1	30.000	31.283	1.28	4.28	.04807	.000	1
DCAL2	500.00	504.03	4.03	.805	.75617	.001	1
DCAL3	2500.0	2493.4	-6.56	-.262	3.7360	.003	1
DCAL4	5000.0	5001.3	1.25	.025	7.4924	.008	1



B 208.959 {461}

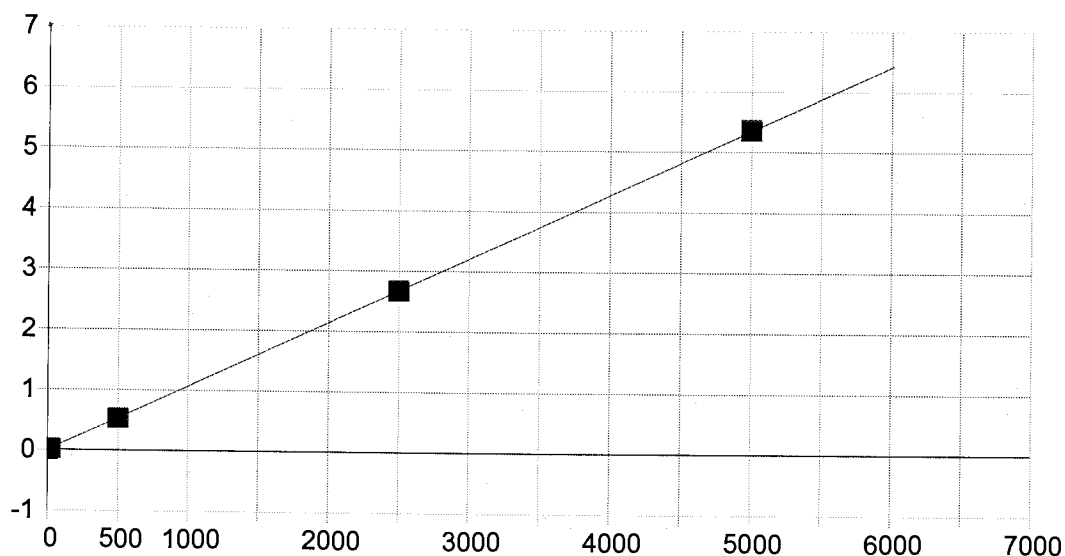
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001188
 A1 (Gain): 0.000487
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000116
 Predicted MDL: 0.666388
 Predicted MQL: 2.221295

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00308	.003	.000	.00119	.000	1
DCAL1	50.000	48.605	-1.39	-2.79	.02531	.000	1
DCAL2	200.00	194.02	-5.98	-2.99	.10720	.000	1
DCAL3	1000.0	985.13	-14.9	-1.49	.53858	.001	1
DCAL4	2000.0	2022.1	22.1	1.11	1.1012	.001	1



Mo 202.030 (467)

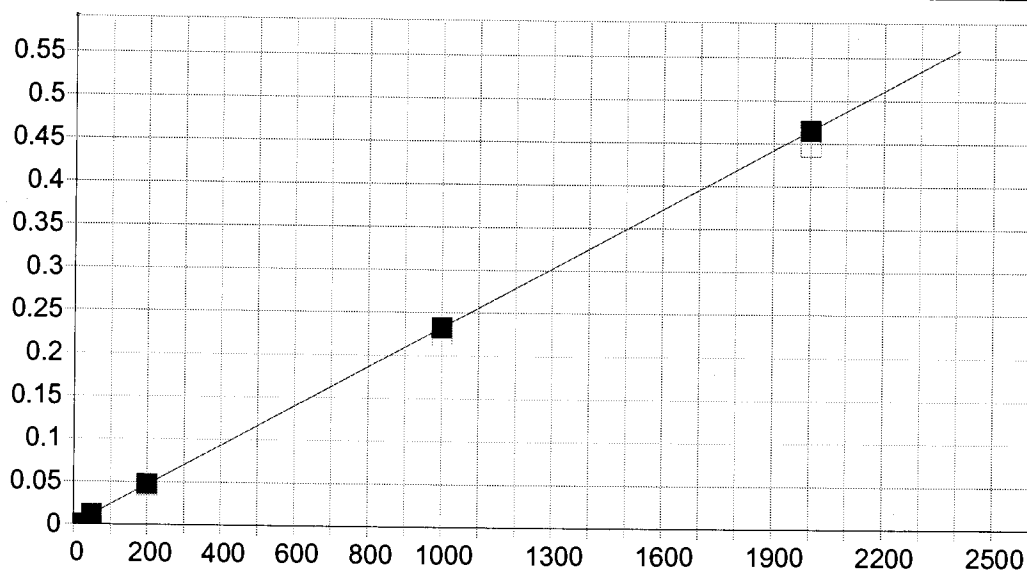
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.000683
 A1 (Gain): 0.001069
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000054
 Predicted MDL: 0.294689
 Predicted MQL: 0.982297

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00049	.000	.000	-.00068	.000	1
DCAL1	20.000	19.692	-.308	-1.54	.02045	.000	1
DCAL2	500.00	495.67	-4.33	-.866	.53003	.000	1
DCAL3	2500.0	2494.3	-5.73	-.229	2.6699	.004	1
DCAL4	5000.0	5010.4	10.4	.207	5.3638	.006	1

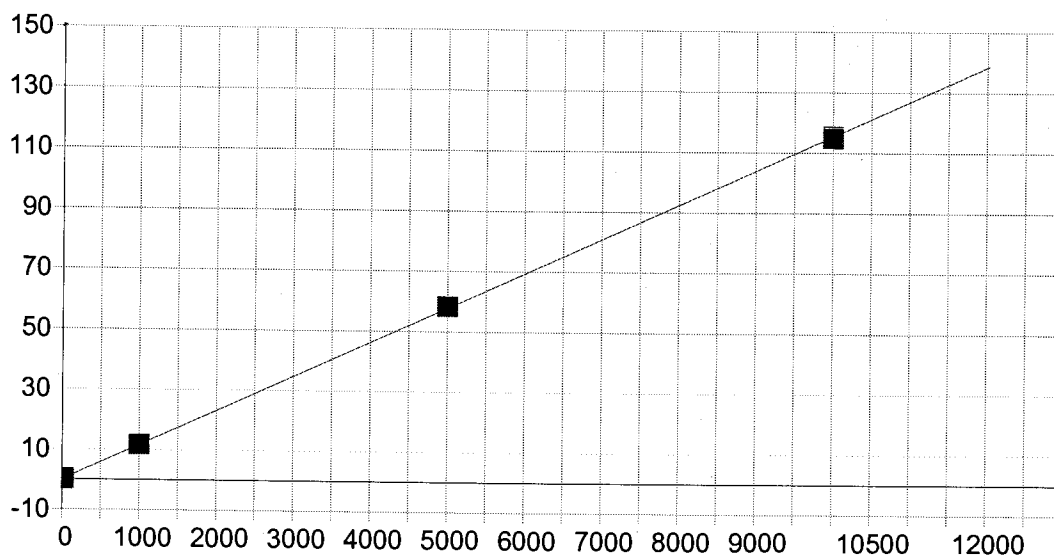


Sn 189.989 {477}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.000232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.839246
 Predicted MQL: 2.797485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00077	-.001	.000	.00012	.000	1
DCAL1	50.000	50.099	.099	.197	.01174	.000	1
DCAL2	200.00	203.10	3.10	1.55	.04550	.000	1
DCAL3	1000.0	999.11	-.891	-.089	.22322	.000	1
DCAL4	2000.0	1997.7	-2.31	-.116	.44620	.001	1



Sr 407.771 {83}

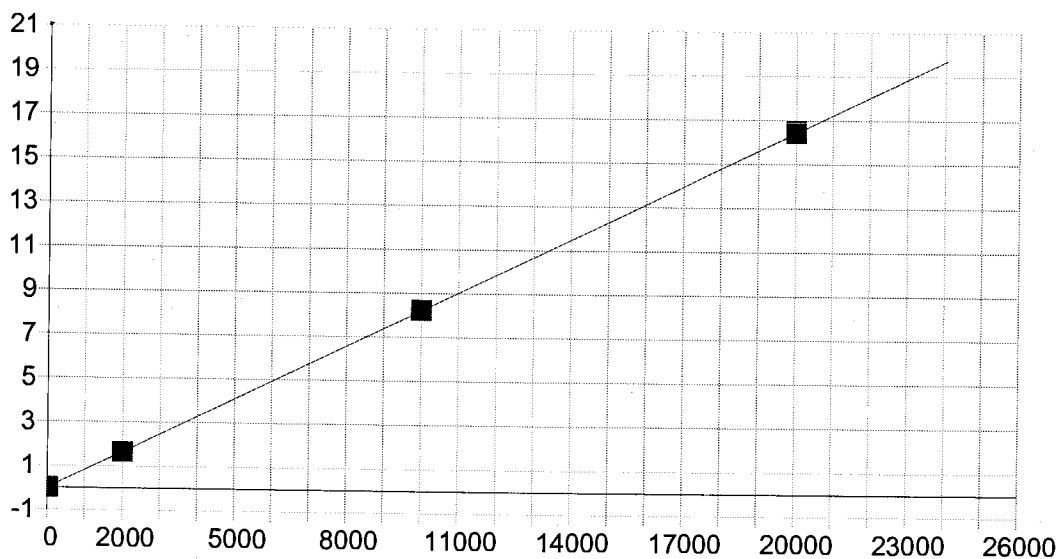
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005031
 A1 (Gain): 0.011538
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.001857
 Predicted MDL: 0.099441
 Predicted MQL: 0.331469

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00022	.000	.000	-.00503	.001	1
DCAL1	20.000	20.009	.009	.044	.22663	.001	1
DCAL2	1000.0	1006.8	6.79	.679	11.616	.060	1
DCAL3	5000.0	5047.0	47.0	.940	58.249	.069	1
DCAL4	10000.	9946.2	-53.8	-.538	114.80	.612	1



Ti 334.941 {101}

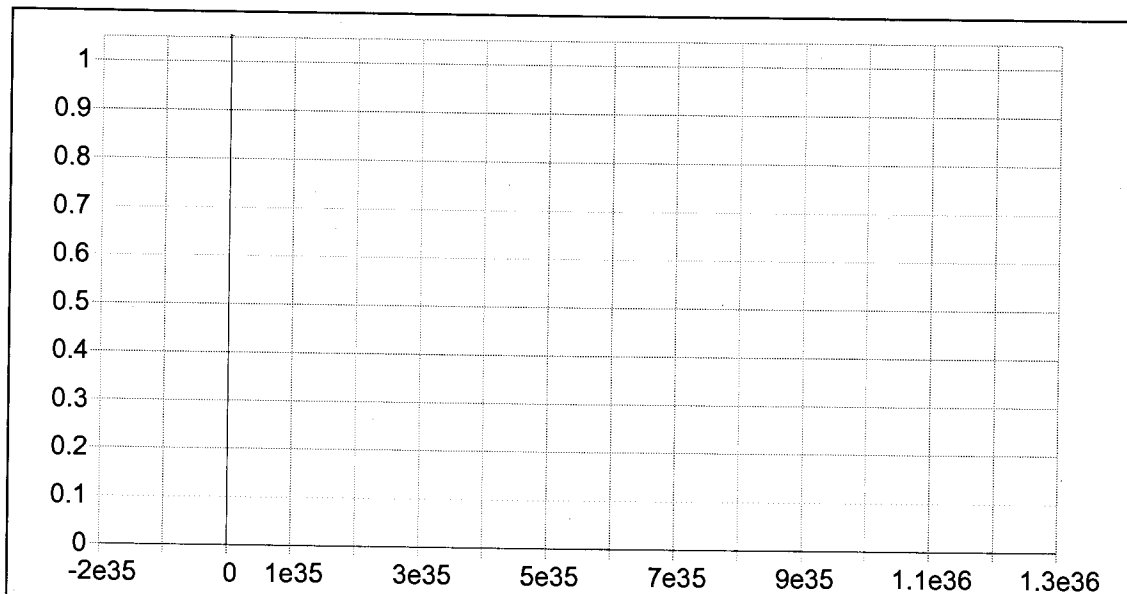
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.000574
 A1 (Gain): 0.000820
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000
 Std Error of Est: 0.000015
 Predicted MDL: 1.075132
 Predicted MQL: 3.583772

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00023	.000	.000	-.00057	.000	1
DCAL1	20.000	19.799	-.201	-1.00	.01575	.001	1
DCAL2	2000.0	1996.4	-3.65	-.182	1.6402	.001	1
DCAL3	10000.	10004.	4.11	.041	8.2214	.016	1
DCAL4	20000.	20000.	-.263	-.001	16.437	.069	1

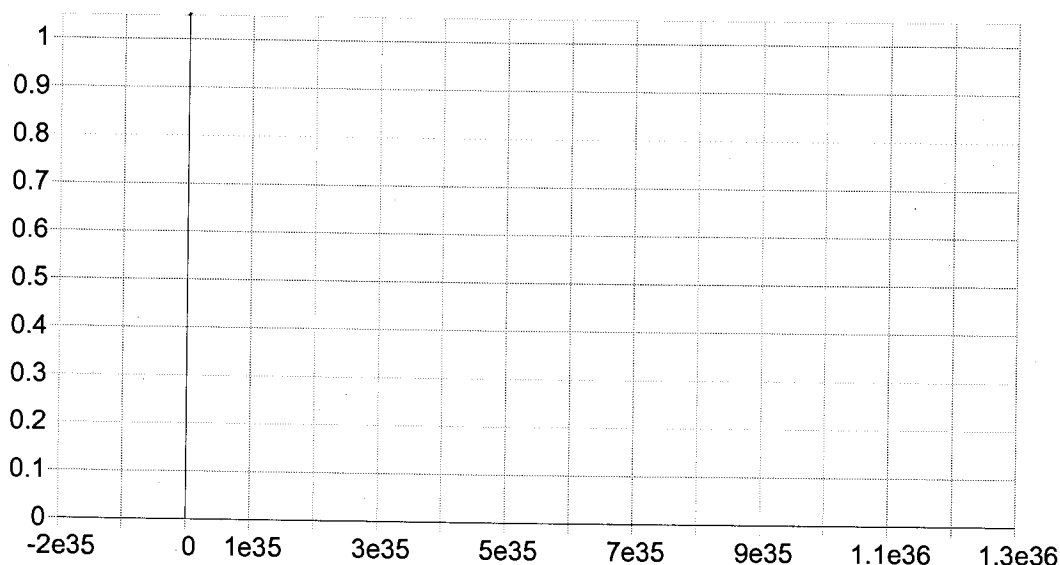


Y 224.306 {450}*

Date of Fit: 2/28/2011 17:34:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	183.492520	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

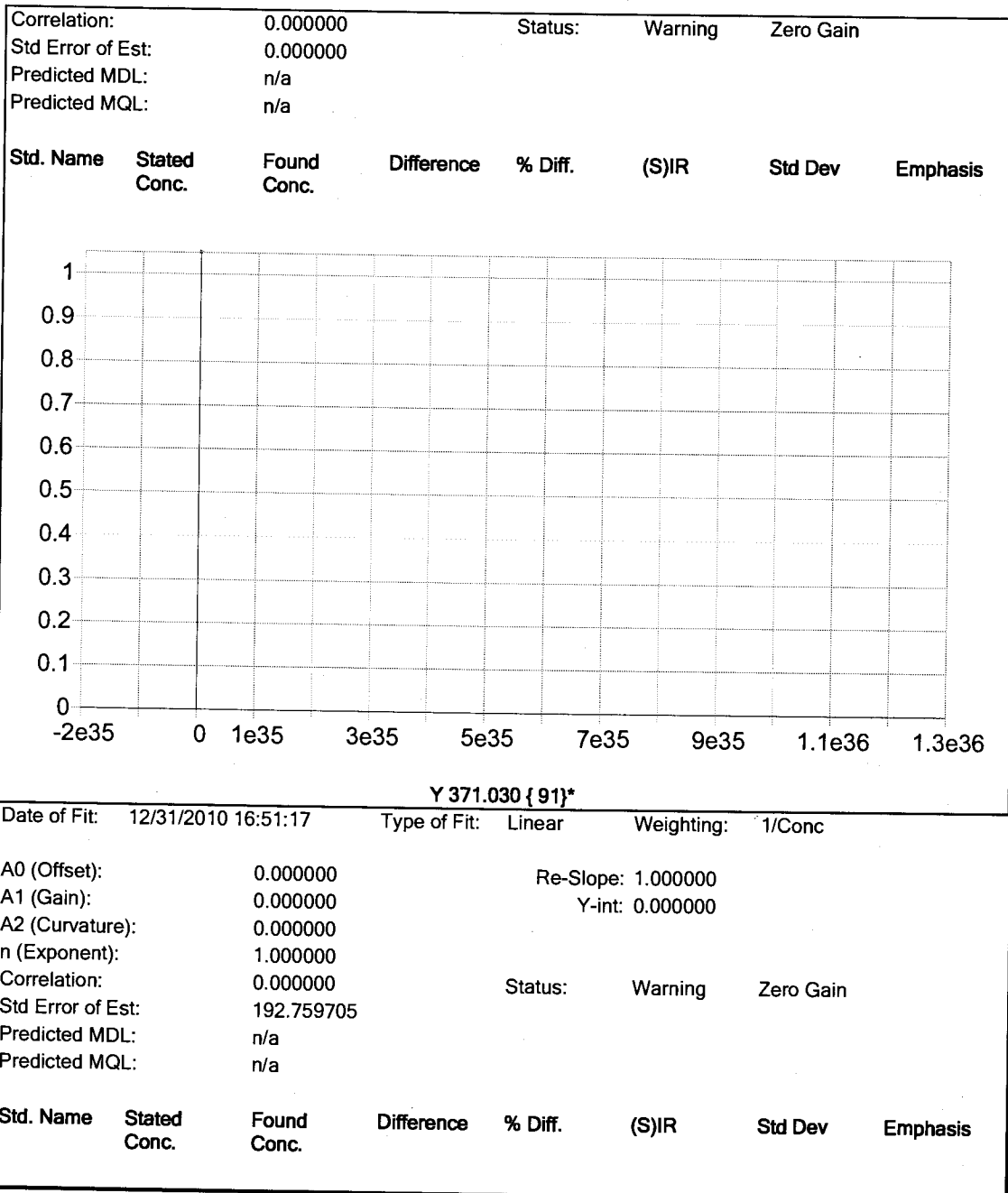
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 {94}*

Date of Fit: 5/4/2010 9:11:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	



Sample Name: CAL_BLK Acquired: 10/16/2011 15:00:47 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0004	.0000	-.0001	.0001	-.0009	-.0077
Stddev	.0008	.000	.0001	.0002	.0006	.0011
%RSD	228.7	401.6	173.0	290.2	63.26	14.29

#1	.0003	-.0001	.0000	.0001	-.0008	-.0072
#2	-.0001	-.0001	.0000	-.0001	-.0004	-.0090
#3	-.0013	.0001	-.0002	.0002	-.0015	-.0070

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	-.0008	.0001	.0016	.0000	-.0076
Stddev	.0001	.0003	.0001	.0006	.0001	.0026
%RSD	18.93	40.53	60.12	39.20	395.6	34.97

#1	-.0004	-.0008	.0002	.0020	-.0001	-.0104
#2	-.0006	-.0005	.0000	.0009	.0000	-.0051
#3	-.0004	-.0011	.0001	.0019	.0001	-.0073

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0001	.0001	-.0110	-.0007	.0001	.0001
Stddev	.0000	.0000	.0019	.0002	.0004	.0002
%RSD	56.95	71.01	17.19	29.50	310.3	159.4

#1	-.0001	.0000	-.0107	-.0007	-.0001	.0003
#2	-.0001	.0001	-.0130	-.0009	.0006	-.0001
#3	-.0001	.0000	-.0092	-.0005	-.0002	.0002

Sample Name: CAL_BLK Acquired: 10/16/2011 15:00:47 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0004	.0001	.0012	.0012	-.0007
Stddev	.0001	.0001	.0000	.0001	.0002	.0001
%RSD	33.33	36.25	31.28	7.363	19.80	19.04

#1	.0003	-.0005	.0001	.0013	.0009	-.0005
#2	.0002	-.0003	.0001	.0012	.0012	-.0007
#3	.0004	-.0003	.0001	.0011	.0014	-.0008

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0050	-.0006
Stddev	.0001	.0005	.0004
%RSD	62.66	9.983	63.19

#1	.0001	-.0056	-.0002
#2	.0002	-.0046	-.0008
#3	.0001	-.0050	-.0008

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2071.9	41882.	4426.6
Stddev	5.9	28.	23.5
%RSD	.28339	.06568	.53003

#1	2065.4	41855.	4407.0
#2	2073.4	41880.	4420.2
#3	2076.9	41910.	4452.6

Sample Name: DCAL1 Acquired: 10/16/2011 15:04:30 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0169	.0005	.0024	.7269	.0171	.3828
Stddev	.0011	.0001	.0001	.0011	.0008	.0020
%RSD	6.590	13.37	4.602	.1524	4.490	.5141

#1	.0160	.0005	.0023	.7281	.0180	.3846
#2	.0165	.0005	.0023	.7267	.0169	.3807
#3	.0181	.0004	.0025	.7259	.0165	.3832

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0205	.0753	.0021	.0071	.0014	.2532
Stddev	.0003	.0004	.0000	.0004	.0001	.0042
%RSD	1.624	.4726	.6193	5.374	6.843	1.650

#1	.0201	.0756	.0021	.0076	.0015	.2505
#2	.0208	.0755	.0021	.0071	.0015	.2510
#3	.0206	.0749	.0021	.0068	.0013	.2580

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1345	.0253	.6980	.0522	.0020	.0017
Stddev	.0006	.0002	.0016	.0002	.0003	.0002
%RSD	.4806	.9134	.2357	.3253	13.53	12.58

#1	.1339	.0252	.6961	.0522	.0020	.0020
#2	.1352	.0256	.6991	.0521	.0017	.0017
#3	.1345	.0252	.6988	.0524	.0022	.0015

Sample Name: DCAL1 Acquired: 10/16/2011 15:04:30 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006	.0012	.0105	.0481	.0253	.0205
Stddev	.0001	.0002	.0001	.0003	.0000	.0001
%RSD	12.92	14.24	.5193	.6557	.1768	.5182

#1	.0005	.0012	.0105	.0478	.0253	.0205
#2	.0005	.0011	.0106	.0484	.0253	.0206
#3	.0006	.0014	.0105	.0480	.0253	.0203

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0117	.2266	.0157
Stddev	.0001	.0009	.0007
%RSD	.8790	.4151	4.225

#1	.0118	.2256	.0150
#2	.0118	.2267	.0163
#3	.0116	.2275	.0160

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2051.7	41372.	4462.1
Stddev	1.3	147.	13.8
%RSD	.06555	.35478	.30864

#1	2050.7	41528.	4446.3
#2	2053.2	41237.	4471.7
#3	2051.1	41349.	4468.2

Sample Name: DCAL2 Acquired: 10/16/2011 15:08:08 Type: Cal
Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.320	.0460	.0591	7.212	1.702	1.953
Stddev	.010	.0002	.0001	.006	.006	.006
%RSD	.4371	.4085	.1078	.0830	.3695	.2983

#1	2.308	.0462	.0590	7.214	1.695	1.947
#2	2.323	.0458	.0591	7.205	1.705	1.958
#3	2.328	.0460	.0591	7.216	1.706	1.955

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.294	.7582	.2017	.5335	.1740	.5143
Stddev	.002	.0003	.0004	.0002	.0001	.0033
%RSD	.1190	.0438	.2146	.0316	.0849	.6482

#1	1.294	.7584	.2014	.5336	.1742	.5106
#2	1.292	.7578	.2015	.5333	.1740	.5154
#3	1.296	.7584	.2022	.5335	.1739	.5169

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6576	1.660	3.489	.6394	.5509	.0393
Stddev	.0013	.006	.008	.0003	.0006	.0002
%RSD	.2009	.3599	.2260	.0397	.1157	.4117

#1	.6564	1.656	3.481	.6391	.5502	.0394
#2	.6575	1.656	3.497	.6394	.5513	.0394
#3	.6590	1.666	3.488	.6396	.5513	.0391

Sample Name: DCAL2 Acquired: 10/16/2011 15:08:08 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0443	.0857	.1047	.7562	.1072	.5300
Stddev	.0002	.0006	.0001	.0008	.0004	.0002
%RSD	.3500	.7016	.1264	.1103	.3746	.0391

#1	.0444	.0858	.1046	.7557	.1067	.5298
#2	.0444	.0850	.1048	.7557	.1074	.5300
#3	.0441	.0862	.1046	.7571	.1075	.5302

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0455	11.62	1.640
Stddev	.0000	.06	.001
%RSD	.0660	.5198	.0391

#1	.0455	11.55	1.640
#2	.0455	11.63	1.641
#3	.0455	11.67	1.640

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2009.9	40202.	4409.8
Stddev	5.0	44.	17.4
%RSD	.24954	.10936	.39374

#1	2004.6	40173.	4428.3
#2	2014.5	40252.	4393.9
#3	2010.5	40180.	4407.1

Sample Name: DCAL3 Acquired: 10/16/2011 15:11:34 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.65	.2389	.3049	35.65	8.425	9.568
Stddev	.03	.0006	.0002	.03	.024	.021
%RSD	.2228	.2439	.0580	.0865	.2895	.2138

#1	11.62	.2389	.3047	35.61	8.420	9.569
#2	11.66	.2383	.3051	35.66	8.452	9.589
#3	11.67	.2394	.3050	35.67	8.403	9.548

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.370	3.711	.9992	2.633	.8589	2.636
Stddev	.007	.002	.0004	.006	.0001	.006
%RSD	.1069	.0508	.0420	.2257	.0141	.2440

#1	6.362	3.710	.9987	2.629	.8591	2.637
#2	6.374	3.709	.9993	2.640	.8589	2.642
#3	6.374	3.713	.9995	2.630	.8588	2.629

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.331	8.173	17.47	3.114	2.660	.2013
Stddev	.008	.022	.02	.003	.005	.0007
%RSD	.2406	.2747	.1398	.0898	.1881	.3631

#1	3.322	8.149	17.44	3.111	2.654	.2005
#2	3.336	8.193	17.48	3.114	2.661	.2019
#3	3.335	8.178	17.48	3.117	2.664	.2015

Sample Name: DCAL3 Acquired: 10/16/2011 15:11:34 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2277	.4041	.5262	3.736	.5386	2.670
Stddev	.0007	.0006	.0004	.003	.0013	.004
%RSD	.3212	.1429	.0821	.0869	.2328	.1328

#1	.2272	.4035	.5265	3.732	.5376	2.666
#2	.2285	.4046	.5257	3.738	.5381	2.670
#3	.2274	.4042	.5265	3.738	.5400	2.673

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.2232	58.25	8.221
Stddev	.0003	.07	.016
%RSD	.1393	.1185	.1887

#1	.2229	58.20	8.205
#2	.2234	58.33	8.236
#3	.2234	58.22	8.223

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1881.9	37752.	4331.9
Stddev	2.4	55.	13.6
%RSD	.12643	.14539	.31315

#1	1880.5	37808.	4317.9
#2	1880.6	37751.	4332.9
#3	1884.7	37698.	4344.9

Sample Name: DCAL4 Acquired: 10/16/2011 15:14:54 Type: Cal
Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.51	.4953	.6266	70.96	16.75	18.50
Stddev	.09	.0003	.0007	.07	.04	.04
%RSD	.3797	.0644	.1118	.1029	.2647	.2406

#1	23.43	.4950	.6258	70.91	16.72	18.46
#2	23.49	.4956	.6271	70.92	16.73	18.48
#3	23.60	.4953	.6270	71.04	16.80	18.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.82	7.440	1.968	5.256	1.693	5.320
Stddev	.02	.006	.000	.015	.001	.008
%RSD	.1365	.0861	.0027	.2932	.0384	.1573

#1	12.81	7.433	1.968	5.243	1.694	5.316
#2	12.81	7.440	1.968	5.252	1.693	5.315
#3	12.84	7.446	1.968	5.273	1.692	5.330

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.592	15.74	34.89	6.211	5.311	.4148
Stddev	.079	.19	.13	.005	.008	.0007
%RSD	1.191	1.216	.3767	.0859	.1549	.1792

#1	6.519	15.68	34.75	6.206	5.305	.4149
#2	6.675	15.58	34.91	6.209	5.307	.4141
#3	6.580	15.95	35.01	6.217	5.320	.4156

Sample Name: DCAL4 Acquired: 10/16/2011 15:14:54 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4737	.7976	1.049	7.492	1.101	5.364
Stddev	.0005	.0002	.001	.008	.001	.006
%RSD	.1161	.0280	.0740	.1120	.1200	.1045

#1	.4741	.7974	1.050	7.486	1.100	5.360
#2	.4731	.7978	1.049	7.489	1.102	5.362
#3	.4739	.7977	1.049	7.502	1.102	5.370

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.4462	114.8	16.44
Stddev	.0006	.6	.07
%RSD	.1390	.5330	.4197

#1	.4455	114.1	16.38
#2	.4467	115.3	16.42
#3	.4463	114.9	16.51

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1773.6	36429.	4306.8
Stddev	3.3	26.	7.5
%RSD	.18582	.07256	.17348

#1	1770.2	36447.	4303.6
#2	1776.8	36441.	4301.5
#3	1773.6	36399.	4315.4

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119700.	2365.	1185.	9662.	965.8	122700.
Stddev	345.	3.	2.	8.	1.2	164.
%RSD	.2883	.1150	.1793	.0841	.1235	.1336

#1	119900.	2369.	1183.	9666.	967.1	122900.
#2	119900.	2364.	1186.	9653.	965.5	122700.
#3	119300.	2364.	1186.	9668.	964.7	122600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1205.	2407.	4837.	12050.	96970.	47900.
Stddev	1.	1.	7.	30.	111.	86.
%RSD	.0860	.0501	.1469	.2481	.1141	.1794

#1	1206.	2407.	4830.	12060.	97070.	47950.
#2	1203.	2405.	4838.	12070.	96850.	47950.
#3	1205.	2407.	4844.	12010.	96980.	47800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	4893.	120500.	2419.	7266.	954.0
Stddev	63.	10.	343.	.	2.	1.5
%RSD	.0523	.2112	.2845	.0205	.0319	.1568

#1	121000.	4881.	120900.	2420.	7266.	955.3
#2	121100.	4900.	120300.	2419.	7264.	954.2
#3	121200.	4898.	120300.	2419.	7268.	952.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2365.	2449.	2397.	2413.	963.1	2398.
Stddev	4.	6.	1.	4.	.8	1.
%RSD	.1669	.2418	.0487	.1519	.0849	.0475

#1	2360.	2442.	2397.	2413.	962.9	2398.
#2	2366.	2454.	2396.	2409.	962.4	2397.
#3	2368.	2451.	2398.	2416.	964.0	2399.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	966.0	4838.	9640.
Stddev	1.9	16.	18.
%RSD	.2010	.3222	.1872

#1	966.9	4846.	9653.
#2	963.8	4849.	9646.
#3	967.4	4821.	9619.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1904.3	38423.	4382.4
Stddev	4.7	146.	33.2
%RSD	.24884	.37882	.75718

#1	1905.3	38526.	4369.1
#2	1908.4	38486.	4420.2
#3	1899.1	38257.	4357.9

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.122	.4064	.0084	.6288	.0863	4.259
Stddev	9.884	1.317	.6689	.1558	.0751	6.571
%RSD	316.6	324.1	7998.	24.78	86.96	154.3

#1	-13.05	-.6143	.4518	.7363	.0129	10.74
#2	6.720	-.0600	.3343	.7001	.1630	4.436
#3	-3.039	1.894	-.7610	.4502	.0831	-2.399

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0853	.0945	.1602	2.522	4.169	102.0
Stddev	.0610	.2424	.1704	.480	.965	21.8
%RSD	71.55	256.5	106.4	19.05	23.14	21.39

#1	.1355	.3436	.0072	1.969	3.323	82.80
#2	.0174	-.1407	.1294	2.763	3.964	97.49
#3	.1030	.0806	.3439	2.834	5.220	125.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.471	.2952	66.36	.2161	.2776	1.808
Stddev	1.538	.0454	.85	.0136	1.338	1.733
%RSD	18.15	15.37	1.279	6.275	482.2	95.83
#1	6.698	.3046	67.03	.2038	1.784	-.0610
#2	9.267	.3352	65.40	.2139	-.1769	3.361
#3	9.446	.2459	66.64	.2306	-.7743	2.125

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.547	.4178	-.1449	-.0943	2.452	1.541
Stddev	6.295	1.409	.2528	.1587	1.037	.732
%RSD	407.0	337.4	174.5	168.2	42.31	47.51
#1	4.073	2.023	-.3162	-.1107	3.642	2.337
#2	-8.350	-.1527	.1455	-.2442	1.976	1.389
#3	-.3636	-.6169	-.2639	.0719	1.738	.8965

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8514	.3672	.0803
Stddev	.3988	.0649	1.190
%RSD	46.84	17.68	1481.

#1	1.303	.3643	.7198
#2	.5487	.4336	.8141
#3	.7021	.3038	-1.293

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2107.2	42133.	4491.0
Stddev	2.0	126.	16.8
%RSD	.09280	.29984	.37319

#1	2106.6	42226.	4474.1
#2	2105.6	42184.	4507.6
#3	2109.3	41989.	4491.2

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487000.	-6.758	-.3587	3.400	.1467	447900.
Stddev	1796.	1.296	.5761	.045	.0619	1102.
%RSD	.3688	19.18	160.6	1.331	42.18	.2461

#1	488400.	-6.557	-.8875	3.378	.1492	447100.
#2	487800.	-5.574	-.4440	3.370	.2074	449100.
#3	485000.	-8.143	.2552	3.452	.0837	447400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2675	.0294	4.193	-3.124	192300.	14.53
Stddev	.2190	.1742	.283	1.959	502.	40.46
%RSD	81.88	592.8	6.748	62.70	.2612	278.4

#1	.5135	-.1350	4.042	-1.102	191700.	13.34
#2	.1955	.2120	4.017	-5.013	192400.	55.58
#3	.0936	.0112	4.519	-3.258	192700.	-25.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	496300.	.0543	-74.34	-1.169	-4.714	-5.060
Stddev	3059.	.0930	7.58	.946	2.259	3.058
%RSD	.6164	171.3	10.20	80.87	47.93	60.44

#1	493200.	.0270	-75.57	-.1760	-6.734	-8.517
#2	499300.	-.0220	-81.24	-2.059	-2.274	-2.709
#3	496400.	.1578	-66.22	-1.273	-5.133	-3.953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.691	-.1286	-1.796	-.3087	-3.387	-3.010
Stddev	5.223	1.963	.072	.2273	.620	.407
%RSD	309.0	1527.	4.028	73.63	18.29	13.51

#1	6.190	2.125	-1.776	-.4407	-4.075	-2.762
#2	-4.038	-1.463	-1.736	-.4391	-2.872	-3.479
#3	2.920	-1.048	-1.877	-.0462	-3.216	-2.789

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6693	15.19	3.889
Stddev	.4854	.08	1.149
%RSD	72.51	.5119	29.55

#1	.1133	15.28	2.598
#2	.8862	15.13	4.800
#3	1.008	15.16	4.268

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1871.5	36145.	4320.3
Stddev	5.8	86.	16.7
%RSD	.30928	.23692	.38637

#1	1868.1	36198.	4317.5
#2	1878.2	36191.	4305.2
#3	1868.2	36046.	4338.3

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487400.	88.80	103.2	98.38	98.03	449500.
Stddev	1097.	3.39	.4	.24	.21	2054.
%RSD	.2250	3.818	.3939	.2465	.2111	.4570

#1	486500.	89.85	103.0	98.62	97.82	447200.
#2	488700.	91.54	102.8	98.40	98.05	451000.
#3	487200.	85.01	103.6	98.13	98.23	450400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	93.58	92.91	101.7	93.04	192700.	10220.
Stddev	.07	.12	.7	3.53	460.	108.
%RSD	.0793	.1285	.6475	3.793	.2385	1.052

#1	93.66	92.77	101.2	89.43	192200.	10110.
#2	93.58	92.96	101.5	96.49	193000.	10330.
#3	93.51	92.99	102.5	93.19	193000.	10220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	497400.	101.1	9892.	91.97	85.29	92.73
Stddev	2627.	.5	15.	.32	1.11	.86
%RSD	.5281	.4726	.1526	.3501	1.304	.9234

#1	496800.	100.5	9877.	91.78	85.44	91.79
#2	495100.	101.5	9907.	92.34	86.32	93.46
#3	500200.	101.1	9893.	91.79	84.11	92.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	90.49	82.07	95.69	92.55	90.13	90.80
Stddev	4.15	1.87	.15	.18	.91	.55
%RSD	4.583	2.284	.1523	.1926	1.008	.6006

#1	95.27	80.52	95.54	92.67	91.17	91.03
#2	87.96	81.55	95.83	92.64	89.73	90.18
#3	88.22	84.15	95.70	92.35	89.49	91.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	87.55	114.2	98.66
Stddev	1.00	.6	.52
%RSD	1.147	.4903	.5257

#1	88.08	113.9	98.15
#2	86.39	114.9	99.19
#3	88.17	113.9	98.65

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1866.3	36031.	4322.1
Stddev	2.4	257.	29.4
%RSD	.12833	.71431	.67952

#1	1867.4	36269.	4355.6
#2	1863.5	35758.	4309.8
#3	1867.8	36067.	4300.8

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.67	5.368	.4077	-1.572	-.2602	55.57
Stddev	3.97	2.780	.2261	.035	.0503	11.23
%RSD	12.93	51.79	55.46	2.233	19.33	20.22

#1	31.04	8.277	.2199	-1.605	-.3080	50.02
#2	34.44	5.088	.6587	-1.577	-.2077	68.49
#3	26.53	2.739	.3446	-1.535	-.2648	48.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8695	10500.	9806.	-8.266	-56.86	97.65
Stddev	.0116	21.	9.	3.659	10.52	36.59
%RSD	1.334	.2014	.0883	44.27	18.51	37.47

#1	-.8828	10510.	9796.	-4.217	-69.00	113.9
#2	-.8641	10510.	9811.	-9.245	-50.37	123.3
#3	-.8616	10480.	9812.	-11.34	-51.21	55.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	109.2	10090.	52.32	10630.	-2.451	-1.107
Stddev	13.1	42.	9.79	22.	1.105	2.047
%RSD	12.03	.4116	18.72	.2088	45.08	184.9

#1	124.0	10060.	52.18	10650.	-1.254	.3009
#2	104.7	10140.	62.18	10650.	-2.667	-1.1671
#3	98.87	10080.	42.59	10610.	-3.431	-3.455

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2607	1.000	4769.	-5.230	-2.003	4926.
Stddev	2.237	.474	6.	.121	.737	10.
%RSD	858.1	47.43	.1279	2.307	36.77	.2084

#1	.1390	.6945	4762.	-5.360	-1.730	4928.
#2	2.556	.7592	4774.	-5.206	-2.838	4935.
#3	-1.913	1.547	4769.	-5.122	-1.442	4915.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	9976.	9742.	9496.
Stddev	17.	156.	26.
%RSD	.1654	1.604	.2737

#1	9991.	9569.	9466.
#2	9980.	9874.	9511.
#3	9959.	9784.	9510.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1998.6	41839.	4487.1
Stddev	4.9	85.	24.8
%RSD	.24315	.20220	.55309

#1	1997.2	41792.	4511.7
#2	1994.5	41937.	4462.1
#3	2004.0	41788.	4487.5

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63.50	-2.792	.3564	257.0	1.702	102100.
Stddev	15.14	1.537	.6167	.5	.025	151.
%RSD	23.85	55.06	173.0	.1872	1.467	.1473

#1	68.05	-1.086	1.066	257.2	1.681	102200.
#2	46.60	-4.071	-.0547	256.5	1.695	102000.
#3	75.85	-3.220	.0584	257.4	1.729	102200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0714	4.138	1.107	2.239	55.75	25880.
Stddev	.0226	.127	.393	3.245	3.18	52.
%RSD	31.64	3.062	35.46	145.0	5.696	.2027

#1	.0859	4.283	1.527	5.297	54.80	25910.
#2	.0830	4.046	1.045	2.586	59.30	25820.
#3	.0454	4.086	.7493	-1.166	53.16	25900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46240.	7035.	48270.	5.364	1.465	2.643
Stddev	62.	7.	145.	.132	1.348	.798
%RSD	.1351	.0998	.3002	2.458	92.03	30.18

#1	46290.	7029.	48140.	5.480	1.161	1.963
#2	46270.	7034.	48240.	5.221	.2948	3.522
#3	46170.	7043.	48420.	5.390	2.939	2.445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.976	-16.07	.3034	3.828	175.7	2.850
Stddev	1.745	2.29	.4977	.154	.8	1.307
%RSD	88.32	14.24	164.0	4.017	.4822	45.84

#1	-.3931	-18.11	.6911	3.992	174.7	4.346
#2	-3.847	-13.60	.4770	3.804	176.1	2.277
#3	-1.687	-16.51	-.2577	3.688	176.2	1.929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.098	252.0	5.793
Stddev	.470	.7	.420
%RSD	42.78	.2860	7.259

#1	1.329	252.8	5.931
#2	1.407	251.5	5.321
#3	.5575	251.6	6.128

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2012.3	39690.	4470.0
Stddev	6.5	30.	10.3
%RSD	.32445	.07460	.23008

#1	2013.4	39663.	4471.9
#2	2018.3	39686.	4479.2
#3	2005.3	39721.	4458.9

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10350.	5.083	7.499	96.24	.3378	119000.
Stddev	65.	.646	.486	.12	.0529	738.
%RSD	.6324	12.71	6.484	.1199	15.66	.6201

#1	10330.	5.618	7.039	96.37	.3279	118300.
#2	10300.	5.266	8.008	96.17	.2906	118900.
#3	10430.	4.365	7.450	96.16	.3950	119800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.182	8.477	120.2	385.1	15550.	528.5
Stddev	.120	.181	.6	4.3	60.	40.0
%RSD	1.670	2.139	.5331	1.113	.3882	7.560

#1	7.316	8.301	119.5	385.3	15490.	509.0
#2	7.085	8.664	120.5	380.7	15540.	501.9
#3	7.145	8.468	120.7	389.2	15610.	574.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4873.	230.9	1182.	784.8	20.46	.3100
Stddev	18.	.6	6.	1.3	.43	1.294
%RSD	.3795	.2666	.5396	.1696	2.117	417.3

#1	4864.	230.3	1178.	784.3	20.93	.9535
#2	4860.	231.1	1180.	786.3	20.35	1.156
#3	4894.	231.5	1190.	783.8	20.09	-1.179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.081	-3.078	19.30	2582.	17.01	27.05
Stddev	.421	.913	.36	1.	.35	.34
%RSD	38.98	29.66	1.883	.0478	2.051	1.265

#1	.7767	-2.032	19.51	2581.	17.02	27.36
#2	.9038	-3.491	19.51	2582.	17.36	27.10
#3	1.562	-3.712	18.88	2583.	16.66	26.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	136.5	84.44	315.4
Stddev	1.0	.28	1.1
%RSD	.6967	.3374	.3436

#1	137.4	84.15	314.2
#2	135.5	84.46	315.9
#3	136.5	84.72	316.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2067.1	40903.	4513.9
Stddev	3.1	229.	41.3
%RSD	.15146	.56057	.91576

#1	2068.2	41148.	4556.9
#2	2069.6	40867.	4510.4
#3	2063.6	40694.	4474.4

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10070.	6.207	8.117	86.45	.2493	118600.
Stddev	100.	1.957	.765	1.03	.0720	1411.
%RSD	.9884	31.53	9.430	1.194	28.89	1.190

#1	9969.	4.588	8.487	85.30	.3091	117200.
#2	10070.	5.651	7.237	86.78	.2695	118400.
#3	10170.	8.381	8.627	87.28	.1693	120000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.703	9.677	145.7	324.3	16110.	547.4
Stddev	.149	.040	1.3	2.7	174.	10.8
%RSD	2.617	.4170	.8901	.8380	1.080	1.970

#1	5.535	9.699	144.4	321.2	15920.	554.8
#2	5.754	9.630	145.7	326.3	16160.	535.1
#3	5.819	9.701	147.0	325.3	16250.	552.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5255.	235.3	1069.	892.8	22.58	-.2235
Stddev	59.	3.5	21.	10.5	1.90	1.289
%RSD	1.130	1.504	1.985	1.177	8.394	576.5

#1	5202.	231.9	1054.	882.9	24.48	-1.361
#2	5244.	234.9	1060.	891.8	20.69	-.4853
#3	5319.	239.0	1094.	903.8	22.56	1.176

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.438	-3.022	21.18	2432.	17.36	27.77
Stddev	1.133	2.602	.70	27.	.27	.15
%RSD	46.49	86.09	3.311	1.128	1.547	.5306

#1	-1.157	-.0565	21.87	2405.	17.06	27.78
#2	-2.844	-4.089	20.47	2431.	17.57	27.61
#3	-3.312	-4.922	21.19	2460.	17.46	27.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	124.7	79.52	311.5
Stddev	.9	.98	4.3
%RSD	.7492	1.235	1.390

#1	123.9	78.66	307.4
#2	124.5	79.30	311.1
#3	125.7	80.59	316.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2073.3	40562.	4513.4
Stddev	3.4	118.	3.8
%RSD	.16419	.29163	.08314

#1	2070.0	40677.	4513.1
#2	2073.0	40569.	4509.8
#3	2076.8	40441.	4517.3

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1987.	1.373	1.241	17.08	.0272	23580.
Stddev	11.	1.325	.462	.07	.0822	47.
%RSD	.5399	96.52	37.20	.4364	301.9	.1990

#1	1982.	.1153	1.120	17.06	.0047	23560.
#2	1979.	1.247	1.752	17.01	.1184	23640.
#3	1999.	2.757	.8523	17.16	-.0414	23550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.209	1.943	28.27	63.84	3192.	202.0
Stddev	.046	.115	.16	1.41	7.	11.3
%RSD	3.800	5.915	.5501	2.212	.2105	5.602

#1	1.212	2.074	28.35	62.28	3190.	209.3
#2	1.253	1.891	28.37	64.18	3186.	189.0
#3	1.161	1.862	28.09	65.05	3199.	207.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1054.	46.77	243.1	178.6	3.784	1.055
Stddev	6.	.18	10.1	.2	.746	.553
%RSD	.5297	.3786	4.157	.0936	19.72	52.38

#1	1059.	46.98	231.4	178.5	3.620	1.161
#2	1055.	46.67	249.0	178.6	3.133	1.548
#3	1048.	46.67	248.8	178.8	4.598	.4574

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.429	.8791	4.138	481.9	2.940	5.249
Stddev	1.821	.7104	.612	1.3	.561	.470
%RSD	53.11	80.81	14.79	.2716	19.07	8.946

#1	-3.362	1.546	3.462	480.4	3.536	4.932
#2	-5.282	.9602	4.653	482.5	2.860	5.027
#3	-1.642	.1316	4.300	482.7	2.423	5.789

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	25.12	15.74	60.78
Stddev	.76	.32	.81
%RSD	3.005	2.055	1.332

#1	24.90	16.08	60.68
#2	24.50	15.44	61.63
#3	25.96	15.71	60.02

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2120.9	41658.	4523.9
Stddev	4.0	115.	6.3
%RSD	.18787	.27596	.13996

#1	2124.2	41537.	4530.5
#2	2122.2	41671.	4523.4
#3	2116.5	41766.	4517.8

Sample Name: 460-32275-A-6-Y MS@2 Acquired: 10/16/2011 15:51:23 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10650.	190.4	11.48	282.1	5.130	119500.
Stddev	11.	2.7	.37	.2	.090	338.
%RSD	.1076	1.419	3.251	.0707	1.749	.2826
#1	10670.	187.6	11.75	282.3	5.034	119200.
#2	10650.	192.9	11.64	281.9	5.143	119500.
#3	10650.	190.7	11.06	282.1	5.212	119900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.33	57.60	160.0	322.7	16390.	2550.
Stddev	.03	.29	.5	.2	55.	14.
%RSD	.2705	.4961	.2968	.0527	.3352	.5558
#1	10.33	57.88	159.8	322.6	16450.	2565.
#2	10.31	57.60	159.7	322.7	16360.	2537.
#3	10.36	57.31	160.5	322.9	16360.	2548.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-Y MS@2 Acquired: 10/16/2011 15:51:23 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6197.	285.1	3108.	949.3	69.49	47.15
Stddev	19.	.3	22.	.5	.34	1.85
%RSD	.3113	.1141	.7132	.0555	.4878	3.928
#1	6218.	285.5	3087.	948.8	69.24	48.14
#2	6181.	285.0	3106.	949.9	69.36	48.30
#3	6193.	284.9	3131.	949.2	69.88	45.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	186.3	202.6	67.48	2424.	63.94	75.71
Stddev	3.5	2.4	.55	1.	.40	.26
%RSD	1.866	1.174	.8089	.0438	.6289	.3429
#1	183.2	204.5	68.06	2425.	63.56	75.93
#2	190.1	199.9	66.98	2423.	64.36	75.42
#3	185.7	203.2	67.41	2423.	63.90	75.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-Y MS@2

Acquired: 10/16/2011 15:51:23

Type: Unk

Method: SW84610142011(v3)

Mode: CONC

Corr. Factor: 1.000000

User: admin

Custom ID1:

Custom ID2:

Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	176.3	130.2	350.8
Stddev	.8	.2	.8
%RSD	.4513	.1354	.2262

#1	175.4	130.0	351.6
#2	176.5	130.4	350.0
#3	176.9	130.2	350.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2056.5	40677.	4505.5
Stddev	2.3	136.	24.4
%RSD	.10983	.33531	.54097

#1	2058.8	40524.	4533.5
#2	2056.2	40785.	4493.2
#3	2054.3	40721.	4489.6

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12010.	1841.	46.47	1986.	48.01	138200.
Stddev	58.	6.	.47	4.	.23	832.
%RSD	.4854	.3249	1.016	.1873	.4787	.6023
#1	11990.	1842.	46.23	1986.	48.24	137600.
#2	11970.	1846.	46.16	1990.	48.02	137700.
#3	12080.	1834.	47.01	1982.	47.78	139100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.48	483.5	343.5	566.4	17120.	19430.
Stddev	.11	1.2	.1	4.4	114.	71.
%RSD	.1974	.2450	.0205	.7712	.6664	.3660
#1	53.38	483.5	343.6	565.2	17000.	19480.
#2	53.59	484.6	343.4	562.8	17130.	19350.
#3	53.49	482.3	343.5	571.2	17230.	19450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24360.	745.7	19820.	1371.	505.2	468.2
Stddev	41.	1.6	38.	8.	2.1	2.6
%RSD	.1687	.2173	.1907	.5838	.4119	.5527

#1	24320.	743.9	19860.	1363.	506.1	471.2
#2	24400.	746.4	19810.	1372.	506.7	466.2
#3	24360.	746.9	19790.	1379.	502.8	467.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1807.	1996.	502.3	2928.	494.2	499.7
Stddev	6.	10.	2.3	22.	2.0	1.2
%RSD	.3073	.4898	.4558	.7366	.3948	.2356

#1	1808.	1999.	502.4	2906.	493.5	499.7
#2	1812.	2004.	504.5	2929.	496.4	500.8
#3	1801.	1985.	499.9	2949.	492.7	498.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	597.0	549.3	795.5
Stddev	1.9	2.0	3.2
%RSD	.3112	.3659	.4070

#1	594.9	549.4	792.8
#2	597.4	547.3	794.8
#3	598.5	551.3	799.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2036.5	39555.	4480.2
Stddev	3.8	67.	9.5
%RSD	.18656	.17001	.21247

#1	2038.3	39620.	4490.7
#2	2032.2	39558.	4478.0
#3	2039.1	39486.	4472.0

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2732.	16.25	-.0480	2395.	.3049	10340.
Stddev	12.	.10	.9173	22.	.0848	85.
%RSD	.4554	.6051	1910.	.9211	27.82	.8252
#1	2719.	16.23	.9844	2375.	.2467	10280.
#2	2744.	16.36	-.7692	2390.	.2659	10310.
#3	2734.	16.17	-.3593	2419.	.4022	10440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.24	3.163	29.02	69.68	15600.	267.3
Stddev	.25	.227	.39	2.86	133.	26.6
%RSD	1.112	7.173	1.327	4.112	.8515	9.932
#1	21.99	2.930	28.63	69.80	15480.	273.8
#2	22.26	3.177	29.03	72.48	15570.	238.2
#3	22.48	3.383	29.41	66.75	15740.	290.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4927.	156.6	99.12	27.10	3590.	65.81
Stddev	31.	1.0	11.23	.50	30.	.65
%RSD	.6308	.6189	11.33	1.830	.8430	.9842
#1	4914.	155.8	96.02	26.72	3565.	65.36
#2	4905.	156.3	89.76	26.91	3582.	65.52
#3	4963.	157.7	111.6	27.66	3624.	66.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.878	-.2385	8.505	2611.	3.860	1.146
Stddev	2.648	1.645	.285	24.	.242	.178
%RSD	141.0	689.6	3.348	.9284	6.274	15.56
#1	1.202	.6686	8.571	2589.	3.585	.9458
#2	4.798	-2.137	8.192	2607.	3.954	1.206
#3	-.3669	.7531	8.750	2637.	4.041	1.287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	89.58	32.85	90.10
Stddev	.53	.18	1.04
%RSD	.5866	.5438	1.157

#1	89.02	32.64	88.91
#2	89.65	32.95	90.52
#3	90.06	32.95	90.86

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2135.2	42122.	4559.7
Stddev	1.3	39.	14.7
%RSD	.06249	.09256	.32266

#1	2135.4	42080.	4549.0
#2	2136.5	42130.	4553.6
#3	2133.8	42157.	4576.4

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119100.	2353.	1188.	9596.	960.9	122000.
Stddev	553.	11.	3.	6.	1.9	192.
%RSD	.4639	.4504	.2443	.0662	.1983	.1578

#1	118600.	2349.	1186.	9591.	959.9	121900.
#2	119000.	2365.	1186.	9603.	959.8	121800.
#3	119700.	2345.	1191.	9594.	963.1	122200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1197.	2384.	4854.	12000.	97160.	47750.
Stddev	1.	2.	3.	15.	57.	80.
%RSD	.1238	.0715	.0564	.1246	.0588	.1671

#1	1197.	2384.	4851.	11980.	97130.	47720.
#2	1198.	2386.	4855.	11990.	97130.	47690.
#3	1196.	2383.	4856.	12010.	97230.	47840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121900.	4943.	118900.	2399.	7195.	947.9
Stddev	22.	6.	455.	2.	12.	2.2
%RSD	.0184	.1141	.3824	.0896	.1669	.2365

#1	121900.	4950.	118500.	2399.	7183.	945.3
#2	121900.	4940.	118700.	2401.	7207.	948.8
#3	121900.	4940.	119400.	2397.	7195.	949.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2350.	2409.	2402.	2393.	951.5	2389.
Stddev	3.	6.	1.	.	2.9	3.
%RSD	.1462	.2312	.0450	.0125	.3009	.1258

#1	2351.	2411.	2401.	2392.	948.5	2385.
#2	2353.	2414.	2402.	2393.	951.9	2391.
#3	2346.	2403.	2403.	2393.	954.2	2390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	952.7	4842.	9556.
Stddev	1.1	14.	44.
%RSD	.1205	.2931	.4621

#1	952.5	4836.	9511.
#2	951.7	4832.	9557.
#3	953.9	4858.	9600.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1917.3	38004.	4412.9
Stddev	1.8	41.	14.1
%RSD	.09458	.10684	.31884

#1	1915.4	38026.	4410.2
#2	1919.0	37957.	4428.1
#3	1917.6	38029.	4400.4

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.59	1.656	.0023	.6132	.1341	-.6989
Stddev	8.73	2.449	.5897	.3585	.0967	8.747
%RSD	32.81	147.9	25300.	58.47	72.06	1251.

#1	29.86	4.377	.6810	.9868	.0433	-9.384
#2	33.21	.9635	-.2891	.5809	.2357	-.8224
#3	16.70	-.3721	-.3850	.2719	.1233	8.109

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1393	.2529	.2720	2.816	9.635	-12.56
Stddev	.0659	.1824	.2960	1.699	3.234	41.54
%RSD	47.34	72.12	108.8	60.33	33.56	330.7

#1	.1912	.3337	-.0017	4.526	8.101	-57.12
#2	.1615	.0441	.5862	2.791	13.35	-5.664
#3	.0651	.3809	.2315	1.129	7.454	25.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.29	.3664	50.64	.4695	1.288	.9378
Stddev	2.27	.1182	11.37	.1470	.620	1.139
%RSD	22.04	32.26	22.45	31.31	48.14	121.4
#1	8.892	.4925	42.30	.5248	.9237	-.0197
#2	9.079	.3486	46.03	.5808	2.005	2.197
#3	12.91	.2581	63.58	.3029	.9370	.6359

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.943	-.1832	.0580	-.0127	.8120	1.128
Stddev	2.096	2.299	.1580	.3786	.7634	.414
%RSD	107.9	1255.	272.6	2985.	94.01	36.72
#1	.5448	1.323	.2329	.2307	1.263	1.603
#2	.9312	.9572	.0154	.1802	1.243	.8466
#3	4.353	-2.829	-.0744	-.4489	-.0694	.9334

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5853	.3552	.5937
Stddev	.2825	.0816	1.256
%RSD	48.27	22.97	211.5

#1	.2945	.3512	2.039
#2	.6025	.4388	-.0274
#3	.8588	.2757	-.2305

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2120.9	41810.	4482.1
Stddev	5.6	35.	7.8
%RSD	.26280	.08332	.17302

#1	2115.1	41770.	4486.7
#2	2121.4	41833.	4486.5
#3	2126.2	41827.	4473.2

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17030.	4.209	-1.243	16770.	.2282	185200.
Stddev	34.	2.882	.367	29.	.0822	757.
%RSD	.1979	68.48	29.50	.1707	36.01	.4086

#1	17020.	.9773	-1.470	16750.	.2926	184600.
#2	17000.	6.513	-1.440	16760.	.2563	185000.
#3	17060.	5.137	-.8201	16800.	.1356	186100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.972	101.4	F 12450.	6.371	36140.	12.33
Stddev	.054	.1	4.	.612	24.	12.90
%RSD	.9102	.1478	.0344	9.613	.0662	104.6

#1	5.909	101.3	12450.	5.835	36140.	10.47
#2	5.999	101.6	12440.	6.240	36170.	.4594
#3	6.007	101.4	12450.	7.039	36120.	26.05

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			10000.			
Low Limit			-20.00			

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18400.	491.9	298.7	354.5	37.38	2.361
Stddev	20.	.2	6.5	1.0	.93	1.653
%RSD	.1069	.0502	2.189	.2742	2.498	70.00

#1	18410.	491.9	306.2	353.7	36.50	.4530
#2	18380.	491.7	295.7	354.2	38.36	3.343
#3	18420.	492.2	294.2	355.5	37.28	3.287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.357	3.285	138.1	577.3	-5.966	.3035
Stddev	1.057	.358	.4	.8	.123	.3043
%RSD	31.49	10.91	.2658	.1341	2.065	100.3

#1	-3.297	3.666	138.5	576.5	-6.082	.2344
#2	-2.331	3.232	138.1	577.5	-5.980	.6365
#3	-4.442	2.955	137.8	578.0	-5.836	.0398

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.306	121.6	321.8
Stddev	.372	.8	1.5
%RSD	16.15	.6244	.4754

#1	2.729	121.3	322.8
#2	2.028	121.1	320.0
#3	2.159	122.5	322.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1923.7	39733.	4500.4
Stddev	3.1	104.	10.9
%RSD	.16344	.26113	.24162

#1	1926.3	39756.	4487.8
#2	1924.5	39823.	4507.0
#3	1920.2	39619.	4506.2

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1014.	4.388	-.2722	3.843	.1491	539.6
Stddev	9.	2.289	.1303	.548	.0464	5.0
%RSD	.9003	52.18	47.87	14.26	31.15	.9297

#1	1005.	3.361	-.2944	4.435	.1305	533.8
#2	1013.	7.011	-.1323	3.741	.1148	543.0
#3	1023.	2.791	-.3900	3.354	.2020	541.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0690	.1935	13.83	3.849	9155.	45.23
Stddev	.0853	.1621	.61	1.420	20.	21.71
%RSD	123.7	83.77	4.394	36.89	.2139	47.99

#1	.0121	.1239	14.53	2.913	9170.	26.26
#2	-.0610	.0777	13.56	5.484	9163.	40.52
#3	-.1581	.3787	13.41	3.152	9133.	68.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	227.7	8.401	25.97	.4334	6.650	.0131
Stddev	5.2	.018	11.72	.2624	.679	.8572
%RSD	2.304	.2112	45.14	60.53	10.20	6549.

#1	225.9	8.419	37.28	.6651	6.838	-.9687
#2	223.6	8.400	26.74	.1485	5.898	.6125
#3	233.6	8.383	13.88	.4868	7.215	.3954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9919	-1.549	10.75	4.574	-.3640	1.304
Stddev	1.546	1.994	.06	.137	.3657	.106
%RSD	155.8	128.8	.5970	2.994	100.5	8.113

#1	-1.288	-1.381	10.69	4.584	-.1372	1.182
#2	-2.368	-3.621	10.75	4.706	-.7859	1.361
#3	.6805	.3566	10.82	4.432	-.1690	1.370

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.217	.9857	149.0
Stddev	.205	.0093	.9
%RSD	16.82	.9450	.6143

#1	1.440	.9797	148.5
#2	1.038	.9811	150.1
#3	1.173	.9965	148.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2127.9	42168.	4512.7
Stddev	1.9	234.	8.7
%RSD	.08968	.55530	.19207

#1	2130.1	42009.	4506.5
#2	2126.6	42437.	4508.9
#3	2127.1	42058.	4522.6

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	837.9	3.758	-.6912	2.879	.0895	304.5
Stddev	12.1	1.302	.1602	.020	.0142	21.6
%RSD	1.448	34.64	23.18	.6823	15.82	7.098

#1	841.4	2.308	-.7374	2.901	.0738	279.9
#2	847.9	4.824	-.5130	2.873	.1012	313.4
#3	824.4	4.142	-.8233	2.863	.0936	320.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0102	.2876	11.38	-.7499	7632.	27.51
Stddev	.1051	.1357	.77	3.051	9.	26.57
%RSD	1032.	47.18	6.759	406.9	.1168	96.59

#1	-.1105	.4344	11.29	-2.939	7625.	27.45
#2	.0596	.2614	12.19	-2.046	7630.	54.10
#3	.0814	.1669	10.66	2.736	7642.	.9637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	167.9	6.435	42.36	.2573	6.172	-.5037
Stddev	2.4	.038	16.27	.0745	1.087	.0972
%RSD	1.443	.5924	38.42	28.96	17.61	19.30
#1	169.0	6.419	51.62	.1743	7.095	-.5173
#2	169.5	6.407	51.88	.2789	6.448	-.5934
#3	165.1	6.478	23.57	.3185	4.974	-.4003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.610	-.5340	10.25	2.933	-.9935	1.050
Stddev	.635	1.336	.21	.080	.2932	.198
%RSD	24.34	250.2	2.085	2.724	29.51	18.88
#1	-1.895	-1.534	10.47	2.914	-.7276	.9181
#2	-2.823	-1.051	10.24	2.864	-.9451	1.278
#3	-3.111	.9835	10.05	3.021	-1.308	.9533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.391	.9441	125.6
Stddev	.745	.0762	1.2
%RSD	53.55	8.066	.9759

#1	1.428	1.027	125.5
#2	.6278	.8781	124.4
#3	2.116	.9268	126.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2135.6	42402.	4541.8
Stddev	7.6	124.	12.4
%RSD	.35449	.29232	.27412

#1	2144.3	42261.	4535.7
#2	2132.2	42490.	4556.1
#3	2130.4	42456.	4533.6

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159.4	.6112	.2868	.7129	.1206	64.97
Stddev	14.2	1.573	.5144	.1015	.0241	3.02
%RSD	8.891	257.4	179.4	14.24	19.98	4.653
#1	143.0	.2386	.3090	.8060	.1223	68.34
#2	167.2	2.337	-.2383	.6047	.1438	62.50
#3	168.0	-.7420	.7898	.7281	.0957	64.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0621	-.0562	2.330	-.2343	1533.	114.7
Stddev	.0728	.2666	.433	.9620	10.	15.4
%RSD	117.3	474.1	18.56	410.6	.6790	13.43
#1	.0988	-.3543	2.428	-1.085	1530.	98.53
#2	.1092	.0261	2.705	.8099	1524.	129.2
#3	-.0218	.1595	1.857	-.4282	1544.	116.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.80	1.297	36.06	.0488	.8898	1.172
Stddev	1.66	.075	.72	.1462	1.523	.813
%RSD	4.773	5.775	2.007	299.8	171.2	69.38

#1	33.07	1.380	36.69	.2130	-.0055	.2633
#2	34.96	1.236	36.21	.0006	.0264	1.831
#3	36.38	1.273	35.27	-.0673	2.649	1.422

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.193	.3145	2.063	.6365	-.4907	.2449
Stddev	.724	1.081	.212	.0582	.0775	.1395
%RSD	32.99	343.6	10.29	9.149	15.80	56.98

#1	-2.735	1.437	1.899	.6782	-.4286	.3756
#2	-2.472	-.7186	2.303	.5699	-.4659	.2611
#3	-1.371	.2247	1.988	.6613	-.5776	.0980

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8226	.2745	24.08
Stddev	.6467	.0957	.40
%RSD	78.61	34.86	1.655

#1	.7153	.1825	23.63
#2	1.516	.2676	24.38
#3	.2363	.3735	24.23

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2131.7	42379.	4531.6
Stddev	9.0	170.	6.8
%RSD	.42235	.40119	.14915

#1	2141.0	42304.	4523.9
#2	2131.0	42573.	4534.1
#3	2123.0	42259.	4536.7

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3100.	872.4	23.05	961.9	23.75	10180.
Stddev	7.	5.2	.61	.6	.10	47.
%RSD	.2237	.5960	2.667	.0584	.4270	.4605

#1	3097.	877.9	22.40	961.9	23.86	10180.
#2	3096.	871.9	23.63	961.3	23.70	10220.
#3	3108.	867.5	23.11	962.5	23.68	10120.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.67	240.0	109.5	123.1	8166.	9381.
Stddev	.03	.2	.5	5.0	14.	43.
%RSD	.1251	.0896	.4673	4.031	.1654	.4630

#1	23.65	239.9	110.1	123.3	8180.	9372.
#2	23.65	239.8	109.0	128.0	8154.	9429.
#3	23.70	240.2	109.4	118.0	8163.	9343.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9638.	261.9	9242.	244.7	252.3	225.8
Stddev	6.	.8	19.	.7	.9	2.2
%RSD	.0625	.3212	.2065	.2945	.3723	.9601
#1	9634.	262.8	9221.	245.5	252.7	228.3
#2	9636.	261.4	9244.	244.5	251.2	224.8
#3	9645.	261.4	9259.	244.1	253.0	224.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	855.1	1000.	245.6	236.4	230.3	234.3
Stddev	3.8	5.	1.0	.5	1.2	.1
%RSD	.4451	.4944	.4007	.2089	.5409	.0640
#1	858.1	1006.	245.3	236.8	230.1	234.4
#2	850.8	997.6	244.8	235.8	229.1	234.4
#3	856.5	997.5	246.7	236.6	231.6	234.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	235.5	238.7	361.5
Stddev	1.5	1.1	1.0
%RSD	.6175	.4419	.2732

#1	235.9	239.7	360.4
#2	233.9	238.8	362.3
#3	236.7	237.6	361.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2098.1	41044.	4497.0
Stddev	5.6	181.	16.1
%RSD	.26655	.44118	.35851

#1	2097.0	40874.	4479.2
#2	2104.2	41024.	4501.2
#3	2093.2	41235.	4510.6

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2753.	1813.	39.22	1929.	48.02	20220.
Stddev	9.	3.	.52	2.	.34	140.
%RSD	.3297	.1636	1.318	.1212	.7006	.6916
#1	2760.	1810.	38.62	1927.	47.98	20160.
#2	2756.	1815.	39.45	1929.	48.38	20380.
#3	2742.	1813.	39.57	1931.	47.71	20110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.29	485.3	209.7	245.5	8492.	18800.
Stddev	.07	.2	.6	2.7	25.	126.
%RSD	.1412	.0446	.2977	1.115	.2974	.6677
#1	48.22	485.4	209.5	243.4	8479.	18750.
#2	48.36	485.4	210.4	248.6	8476.	18940.
#3	48.28	485.0	209.2	244.6	8521.	18700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 V0 10-16-11

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19370.	520.0	18770.	492.8	501.9	458.0
Stddev	39.	3.0	41.	1.2	1.6	1.6
%RSD	.2028	.5800	.2175	.2472	.3279	.3506
#1	19370.	520.0	18740.	492.3	500.4	459.2
#2	19410.	523.1	18820.	491.9	501.5	458.7
#3	19330.	517.1	18750.	494.2	503.7	456.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1776.	2051.	494.6	479.7	470.0	479.5
Stddev	2.	2.	1.3	.6	.8	.3
%RSD	.0916	.1151	.2561	.1311	.1712	.0579
#1	1776.	2048.	494.1	479.0	469.3	479.5
#2	1777.	2053.	493.8	479.8	470.9	479.3
#3	1774.	2051.	496.1	480.2	470.0	479.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 VD 10-16-11

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	478.2	471.8	610.4
Stddev	.8	4.1	2.7
%RSD	.1628	.8650	.4474

#1	478.6	471.2	610.1
#2	478.8	476.2	613.3
#3	477.4	468.1	607.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2078.5	40868.	4502.4
Stddev	3.3	145.	35.9
%RSD	.15736	.35393	.79652

#1	2076.6	40836.	4542.2
#2	2082.3	40743.	4472.6
#3	2076.7	41026.	4492.5

222 WD 10-16-11

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5756.	15.34	-.2098	23.25	.5534	239.8
Stddev	16.	2.56	.7831	.05	.1162	13.9
%RSD	.2709	16.67	373.2	.2318	21.00	5.783

#1	5744.	17.25	.6412	23.24	.5880	236.5
#2	5774.	16.34	-.9002	23.31	.4238	227.9
#3	5750.	12.44	-.3706	23.20	.6484	255.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1131	8.084	9.050	1.151	39390.	473.5
Stddev	.0339	.093	.037	2.250	21.	22.3
%RSD	29.93	1.154	.4141	195.4	.0534	4.704

#1	.0758	8.043	9.060	3.489	39370.	481.6
#2	.1420	8.191	9.008	-.9986	39410.	490.7
#3	.1216	8.018	9.081	.9635	39400.	448.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 v0 1016-11

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 {57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	316.8	56.70	103.1	9.151	6.528	.3188
Stddev	2.3	.29	1.7	.050	1.322	.8044
%RSD	.7124	.5049	1.602	.5463	20.25	252.3

#1	315.0	56.42	102.6	9.134	6.552	.0572
#2	319.3	56.70	104.9	9.112	5.194	1.221
#3	316.1	56.99	101.7	9.208	7.837	-.3221

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.016	-2.575	71.40	27.32	.4339	1.556
Stddev	1.070	.383	.28	.25	.0780	.502
%RSD	53.06	14.87	.3935	.9014	17.98	32.28

#1	-1.596	-2.382	71.67	27.04	.4433	1.942
#2	-1.220	-2.327	71.11	27.43	.5069	1.737
#3	-3.232	-3.016	71.44	27.49	.3516	.9881

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 10-16-11 VED

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.298	6.632	256.9
Stddev	.893	.024	1.1
%RSD	68.82	.3676	.4427

#1	.3971	6.625	257.4
#2	2.184	6.612	257.8
#3	1.314	6.659	255.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2165.8	42773.	4621.5
Stddev	2.9	90.	10.4
%RSD	.13569	.21061	.22470

#1	2164.2	42834.	4610.7
#2	2164.0	42815.	4631.4
#3	2169.2	42669.	4622.5

222 VO 10-16-11

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k 13.62	k 1.140	s -1.024	k .0066	k -.3798	k -654.0
Stddev	16.77	.722	.536	.0427	.5148	1161.
%RSD	123.2	63.34	52.38	642.2	135.5	177.5
#1	k 32.78	k .4114	s -1.540	k .0273	k -.9732	k -1994.
#2	1.617	1.154	-.4700	.0351	-.1130	46.23
#3	6.454	1.856	-1.061	-.0424	-.0532	-14.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k .0883	k .3022	s -.0181	k -1.393	s 3.073	k -704.1
Stddev	.0077	.0675	.4336	.245	5.661	1274.
%RSD	8.771	22.35	2401.	17.61	184.3	180.9
#1	k .0962	k .3534	s .4820	k -1.116	s 7.963	k -2175.
#2	.0880	.3275	-.2894	-1.584	4.384	71.40
#3	.0808	.2256	-.2469	-1.479	-3.129	-9.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Z22 v D 10-16-11

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	s 2.906	s .0164	k -177.9	k .3387	k -.2808	k .0452
Stddev	.109	.0336	334.3	.0091	.1199	.5545
%RSD	3.748	205.7	187.9	2.679	42.70	1225.

#1	s 3.019	s .0241	k -562.5	k .3491	k -.3835	k -.3781
#2	2.898	-.0205	42.93	.3346	-.3098	-.1590
#3	2.801	.0454	-14.08	.3323	-.1490	.6729

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k -2.731	k 1.403	s .0423	k -.6674	k -1.045	k .4628
Stddev	.193	.523	.2316	.1658	.577	.1908
%RSD	7.051	37.28	547.7	24.85	55.17	41.23

#1	k -2.711	k 1.525	s .3025	k -.7579	k -.8013	k .5632
#2	-2.932	1.854	-.1413	-.7682	-1.704	.5825
#3	-2.549	.8295	-.0343	-.4760	-.6305	.2428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

ZZZ 10-16-11-0 D

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	k -.2284	k -1.233	k -3.588
Stddev	.0828	2.328	8.185
%RSD	36.25	188.8	228.1

#1	k -.1464	k -3.922	k -13.03
#2	-.2269	.1132	.7543
#3	-.3119	.1091	1.511

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4914.0	^ *****	5634.4
Stddev	1580.2	-----	5426.4
%RSD	32.158	-----	96.308

#1	4881.0	^ -----	337.18
#2	6510.5	122760.	11181.
#3	3350.5	65314.	5384.8

222 V D 10-16-11

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8035.	2.144	-.5223	89.33	.5153	2394.
Stddev	20.	2.903	.1620	.38	.0296	11.
%RSD	.2531	135.4	31.02	.4260	5.748	.4727

#1	8012.	-.7487	-.5441	89.00	.5117	2407.
#2	8044.	5.058	-.3505	89.24	.4876	2389.
#3	8049.	2.122	-.6722	89.74	.5465	2386.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3750	11.96	85.25	20.86	33400.	1483.
Stddev	.0508	.05	.02	2.70	147.	37.
%RSD	13.54	.4563	.0291	12.96	.4407	2.479

#1	.3807	11.91	85.22	17.98	33340.	1516.
#2	.3217	12.02	85.27	21.26	33290.	1443.
#3	.4228	11.96	85.24	23.34	33570.	1488.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 v0 10-16-11

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2757.	288.3	123.2	32.18	61.36	-.3471
Stddev	11.	.4	5.4	.24	.88	2.658
%RSD	.3838	.1337	4.418	.7396	1.426	765.7

#1	2751.	287.9	117.2	32.41	62.36	-1.349
#2	2750.	288.4	124.8	31.93	60.76	2.666
#3	2769.	288.6	127.7	32.19	60.95	-2.358

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.005	-2.418	76.33	152.1	-.9110	1.304
Stddev	3.390	.462	.58	.4	.3326	.148
%RSD	337.4	19.13	.7606	.2954	36.51	11.35

#1	2.382	-1.910	76.61	151.6	-.5293	1.271
#2	-.9973	-2.816	75.66	152.4	-1.066	1.176
#3	-4.399	-2.527	76.71	152.3	-1.138	1.466

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

722 10.16.11-VD

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.284	12.09	1070.
Stddev	.302	.11	4.
%RSD	5.715	.9426	.3655

#1	4.935	12.18	1068.
#2	5.453	12.12	1068.
#3	5.463	11.96	1075.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2161.0	42384.	4624.2
Stddev	1.5	135.	12.6
%RSD	.07039	.31791	.27153

#1	2161.9	42441.	4610.4
#2	2161.9	42230.	4627.2
#3	2159.2	42481.	4635.0

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2683.	1787.	37.47	1891.	47.03	19860.
Stddev	15.	4.	.29	4.	.04	42.
%RSD	.5739	.2222	.7862	.2338	.0750	.2094
#1	2679.	1783.	37.80	1894.	47.06	19820.
#2	2671.	1791.	37.39	1894.	46.99	19900.
#3	2701.	1788.	37.23	1886.	47.02	19870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.21	474.7	206.3	238.9	8547.	18470.
Stddev	.18	1.3	.6	3.2	71.	85.
%RSD	.3822	.2724	.3007	1.325	.8265	.4604
#1	47.39	475.9	206.9	237.5	8484.	18380.
#2	47.20	474.9	206.1	236.7	8535.	18540.
#3	47.03	473.4	205.7	242.5	8624.	18490.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19130.	515.6	18290.	482.1	489.8	453.1
Stddev	52.	1.8	69.	.9	1.4	1.9
%RSD	.2697	.3444	.3758	.1806	.2856	.4188
#1	19070.	513.6	18360.	482.9	490.2	452.2
#2	19180.	517.0	18220.	482.0	488.2	455.3
#3	19130.	516.2	18290.	481.2	490.9	451.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1747.	2004.	484.0	470.8	460.5	468.9
Stddev	1.	4.	.9	1.4	.5	.7
%RSD	.0576	.1914	.1816	.3070	.1025	.1464
#1	1746.	2008.	483.5	472.4	460.7	468.9
#2	1748.	2005.	483.5	470.3	460.8	469.6
#3	1747.	2000.	485.0	469.6	459.9	468.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14

Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	467.4	463.4	598.3
Stddev	1.3	1.5	3.3
%RSD	.2844	.3310	.5561

#1	469.0	462.1	597.8
#2	466.6	463.1	595.3
#3	466.8	465.1	601.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2090.6	40672.	4537.8
Stddev	6.2	248.	4.7
%RSD	.29810	.61036	.10395

#1	2084.3	40954.	4542.4
#2	2090.9	40489.	4538.0
#3	2096.7	40571.	4533.0

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118600.	2339.	1189.	9515.	960.3	121600.
Stddev	422.	4.	1.	9.	2.8	428.
%RSD	.3559	.1520	.1179	.0948	.2927	.3523

#1	118500.	2336.	1188.	9509.	959.4	121600.
#2	119100.	2337.	1188.	9525.	963.5	122000.
#3	118300.	2343.	1190.	9510.	958.1	121100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1187.	2362.	4871.	11990.	97240.	47700.
Stddev	2.	3.	7.	36.	201.	271.
%RSD	.1275	.1336	.1461	.3036	.2068	.5672

#1	1185.	2358.	4863.	12000.	97060.	47770.
#2	1188.	2364.	4873.	12030.	97200.	47930.
#3	1186.	2363.	4877.	11950.	97460.	47400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	5002.	117800.	2376.	7129.	934.7
Stddev	90.	8.	432.	2.	9.	3.6
%RSD	.0729	.1519	.3665	.0982	.1218	.3858

#1	122700.	5010.	117500.	2374.	7125.	930.9
#2	122800.	4997.	118300.	2379.	7139.	935.1
#3	122900.	4997.	117600.	2376.	7123.	938.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2339.	2372.	2405.	2375.	945.5	2373.
Stddev	3.	1.	4.	3.	1.8	4.
%RSD	.1394	.0588	.1508	.1387	.1871	.1739

#1	2340.	2372.	2402.	2371.	943.7	2369.
#2	2343.	2373.	2404.	2378.	945.4	2376.
#3	2336.	2370.	2409.	2375.	947.3	2375.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	943.8	4840.	9501.
Stddev	.8	25.	37.
%RSD	.0856	.5260	.3928

#1	942.9	4851.	9489.
#2	944.5	4859.	9543.
#3	944.0	4811.	9471.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1946.4	37911.	4432.1
Stddev	2.8	146.	21.4
%RSD	.14542	.38631	.48254

#1	1947.3	37748.	4444.6
#2	1943.2	37952.	4407.4
#3	1948.7	38032.	4444.4

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.175	1.283	.0562	.6876	.1815	8.960
Stddev	8.674	.809	.4602	.3670	.0239	5.207
%RSD	140.5	63.05	818.4	53.37	13.15	58.12

#1	16.19	.3514	-.1879	1.029	.1543	14.91
#2	1.234	1.691	.5870	.7340	.1990	5.221
#3	1.101	1.807	-.2305	.2997	.1911	6.752

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0582	.2835	.1805	-.3615	8.555	74.49
Stddev	.1183	.3413	.5059	1.028	7.285	39.74
%RSD	203.3	120.4	280.3	284.2	85.15	53.35

#1	.1948	.6137	.6948	-1.260	13.30	35.80
#2	-.0089	-.0679	.1633	-.5831	12.20	72.47
#3	-.0113	.3046	-.3166	.7587	.1671	115.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.244	.3882	34.92	.2623	.3454	.2261
Stddev	.986	.0657	13.83	.2955	.9486	.4144
%RSD	10.67	16.91	39.59	112.6	274.6	183.3

#1	9.931	.4497	19.10	.5973	.8646	.5790
#2	8.114	.3959	44.70	.1513	-.7495	.3296
#3	9.687	.3191	40.95	.0385	.9212	-.2303

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.022	.3971	.0479	.0798	.3103	1.139
Stddev	1.079	.8222	.3192	.1204	.5016	.301
%RSD	105.6	207.0	666.2	150.8	161.6	26.44

#1	.1430	.5444	-.0263	.2111	.8872	1.477
#2	-1.222	-.4888	-.2276	-.0254	-.0239	1.042
#3	-1.986	1.136	.3976	.0538	.0677	.8985

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1201	.3516	.2022
Stddev	.2764	.1393	.4744
%RSD	230.1	39.61	234.6

#1	-.0516	.4239	.7240
#2	.4389	.4399	-.2033
#3	-.0270	.1910	.0861

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2140.0	41800.	4513.7
Stddev	3.4	123.	2.5
%RSD	.15928	.29354	.05434

#1	2139.4	41926.	4514.7
#2	2143.6	41681.	4515.6
#3	2136.8	41794.	4510.9

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61.74	-.2113	-.2271	.2779	.1351	90.26
Stddev	1.80	.1450	.2406	.1076	.0184	6.22
%RSD	2.914	68.63	106.0	38.73	13.62	6.892

#1	59.99	-.1030	.0482	.3781	.1180	93.97
#2	63.58	-.3760	-.3970	.1642	.1327	83.08
#3	61.64	-.1548	-.3324	.2915	.1546	93.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0754	-.0626	.1271	-1.369	6.812	93.60
Stddev	.0558	.1952	.2307	3.006	6.293	9.20
%RSD	74.06	311.8	181.5	219.6	92.38	9.825

#1	-.0391	.1557	-.1380	-.2804	2.472	103.3
#2	-.1396	-.1231	.2826	-4.768	14.03	92.56
#3	-.0474	-.2205	.2366	.9414	3.935	84.97

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.388	.2070	41.52	.5210	.3510	1.063
Stddev	.990	.0523	20.63	.1272	1.418	.981
%RSD	29.21	25.26	49.69	24.41	403.9	92.26

#1	4.511	.2502	53.81	.6667	-.0263	-.0596
#2	2.643	.2218	53.04	.4322	-.8399	1.494
#3	3.011	.1489	17.70	.4641	1.919	1.753

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.138	.4865	-.1233	3.739	3.121	.2306
Stddev	1.630	.7989	.4579	.121	.278	.3015
%RSD	143.2	164.2	371.5	3.246	8.895	130.7

#1	-.4649	.5271	.1739	3.623	3.182	.4351
#2	-2.996	1.264	.1069	3.865	2.818	.3723
#3	.0473	-.3319	-.6506	3.729	3.363	-.1156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.9808	.4251	.5889
Stddev	.5985	.1043	.6770
%RSD	61.02	24.54	115.0

#1	.7423	.4580	-.1596
#2	.5384	.5089	.7679
#3	1.662	.3082	1.158

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2136.8	41940.	4532.5
Stddev	7.6	207.	5.3
%RSD	.35594	.49452	.11766

#1	2132.6	41709.	4536.8
#2	2132.2	42110.	4534.1
#3	2145.6	42002.	4526.5

Sample Name: LCSSRM 460-89665/2-A Acquired: 10/16/2011 16:55:24 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41660.	485.2	144.8	933.1	383.1	51460.
Stddev	210.	3.2	.4	3.3	1.2	252.
%RSD	.5031	.6544	.2882	.3589	.3135	.4889

#1	41730.	481.5	145.1	931.7	382.2	51340.
#2	41420.	486.9	144.3	930.6	382.6	51300.
#3	41820.	487.2	145.0	936.9	384.4	51750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	298.7	470.8	1198.	854.9	91700.	19930.
Stddev	1.2	1.1	2.	5.0	153.	146.
%RSD	.4083	.2330	.1574	.5823	.1673	.7342

#1	298.0	470.0	1196.	855.4	91540.	19870.
#2	298.0	470.3	1199.	849.7	91850.	19820.
#3	300.1	472.0	1198.	859.6	91700.	20100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89665/2-A Acquired: 10/16/2011 16:55:24 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18820.	2971.	4729.	692.4	423.3	905.7
Stddev	37.	1.	18.	2.0	1.9	6.1
%RSD	.1945	.0487	.3869	.2876	.4496	.6738

#1	18850.	2972.	4747.	691.6	421.1	901.2
#2	18840.	2973.	4710.	690.9	424.1	903.3
#3	18780.	2970.	4731.	694.7	424.7	912.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1329.	644.3	576.2	2924.	662.7	259.6
Stddev	2.	2.7	.9	10.	2.2	.9
%RSD	.1301	.4211	.1572	.3267	.3377	.3407

#1	1328.	643.1	575.4	2921.	662.8	258.8
#2	1331.	642.4	577.2	2916.	660.5	259.3
#3	1328.	647.4	576.2	2935.	665.0	260.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89665/2-A

Acquired: 10/16/2011 16:55:24

Type: QC

Method: SW84610142011(v3)

Mode: CONC

Corr. Factor: 1.000000

User: admin

Custom ID1:

Custom ID2:

Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	518.5	1128.	2086.
Stddev	3.5	6.	11.
%RSD	.6688	.4924	.5349

#1	518.3	1126.	2087.
#2	515.1	1125.	2074.
#3	522.0	1135.	2097.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2211.8	42795.	4849.3
Stddev	7.0	114.	36.6
%RSD	.31589	.26697	.75431

#1	2212.9	42684.	4842.7
#2	2218.1	42790.	4888.7
#3	2204.3	42912.	4816.4

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13860.	11.88	.5692	325.9	1.479	90170.
Stddev	37.	1.85	.2426	1.0	.095	266.
%RSD	.2667	15.56	42.62	.3060	6.432	.2944

#1	13830.	11.24	.7973	326.9	1.583	89880.
#2	13860.	10.43	.5961	326.0	1.395	90390.
#3	13900.	13.96	.3143	324.9	1.461	90250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.255	22.53	206.7	693.2	65000.	1711.
Stddev	.083	.31	.2	4.3	117.	7.
%RSD	1.143	1.383	.1185	.6245	.1804	.3919

#1	7.283	22.80	207.0	698.0	64980.	1703.
#2	7.320	22.59	206.7	692.2	64890.	1716.
#3	7.161	22.19	206.5	689.5	65120.	1713.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53710.	651.3	640.2	75.08	926.9	18.50
Stddev	122.	1.0	1.6	.64	4.1	.59
%RSD	.2270	.1466	.2461	.8556	.4396	3.208

#1	53610.	650.3	640.3	75.43	931.1	19.17
#2	53690.	651.5	638.5	75.46	926.6	18.27
#3	53850.	652.2	641.7	74.34	922.9	18.05

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4862	-2.113	95.11	4177.	24.98	15.31
Stddev	.7819	.773	.35	18.	.63	.18
%RSD	160.8	36.61	.3658	.4327	2.540	1.195

#1	-1.351	-2.062	94.80	4192.	25.20	15.28
#2	-.2774	-1.366	95.48	4183.	25.48	15.50
#3	.1700	-2.910	95.04	4157.	24.27	15.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	71.72	87.01	592.8
Stddev	.24	.10	1.4
%RSD	.3323	.1117	.2318

#1	71.50	86.90	594.2
#2	71.97	87.07	591.5
#3	71.69	87.06	592.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2284.8	44271.	5050.2
Stddev	8.4	33.	19.1
%RSD	.36698	.07376	.37849

#1	2279.1	44281.	5070.0
#2	2280.9	44235.	5031.9
#3	2294.4	44298.	5048.7

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8777.	11.29	-.4233	139.0	2.668	42970.
Stddev	14.	1.04	.4839	.4	.042	92.
%RSD	.1644	9.194	114.3	.2524	1.563	.2130

#1	8793.	11.06	.1349	138.6	2.667	42860.
#2	8771.	12.43	-.6802	139.2	2.710	43040.
#3	8766.	10.39	-.7246	139.2	2.627	43000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.591	16.81	73.95	265.0	97620.	987.4
Stddev	.054	.36	.61	2.0	70.	13.9
%RSD	3.378	2.165	.8271	.7570	.0714	1.409

#1	1.568	16.49	74.62	263.9	97540.	974.2
#2	1.653	17.21	73.79	267.3	97630.	986.1
#3	1.553	16.73	73.43	263.8	97680.	1002.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24500.	887.2	1135.	48.75	413.3	5.520
Stddev	45.	3.6	18.	.71	.6	1.241
%RSD	.1826	.4091	1.543	1.463	.1395	22.49

#1	24530.	891.0	1119.	47.99	412.8	6.899
#2	24450.	883.8	1132.	49.41	413.0	4.490
#3	24520.	886.9	1154.	48.84	413.9	5.172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.254	-3.166	47.53	3101.	21.31	8.393
Stddev	3.269	1.656	.21	5.	.58	.212
%RSD	145.0	52.31	.4327	.1506	2.742	2.527

#1	-5.333	-5.048	47.38	3096.	21.93	8.600
#2	-2.606	-2.523	47.76	3105.	20.77	8.401
#3	1.176	-1.928	47.44	3103.	21.23	8.177

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	26.79	43.35	403.6
Stddev	1.31	.06	.8
%RSD	4.909	.1444	.1960

#1	27.81	43.41	403.2
#2	27.27	43.35	404.5
#3	25.31	43.29	403.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2171.7	41698.	4707.2
Stddev	2.1	271.	6.7
%RSD	.09517	.64958	.14276

#1	2174.0	41390.	4700.8
#2	2170.2	41897.	4706.6
#3	2170.8	41807.	4714.2

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6560.	4.252	-.2483	65.19	.6855	112800.
Stddev	29.	1.261	.3295	.24	.0824	471.
%RSD	.4390	29.66	132.7	.3609	12.02	.4170

#1	6526.	5.238	-.1510	65.05	.7806	112300.
#2	6575.	2.831	.0216	65.47	.6375	112900.
#3	6577.	4.687	-.6154	65.07	.6384	113300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7151	7.043	28.64	71.19	34040.	1125.
Stddev	.0498	.034	.16	3.65	37.	53.
%RSD	6.970	.4855	.5553	5.130	.1091	4.752

#1	.7415	7.082	28.50	70.72	34080.	1137.
#2	.7462	7.023	28.61	67.79	34010.	1171.
#3	.6576	7.023	28.81	75.05	34040.	1066.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63610.	469.8	2386.	18.06	133.7	3.378
Stddev	105.	.5	21.	.17	1.7	.332
%RSD	.1647	.1109	.8881	.9485	1.279	9.836

#1	63560.	469.3	2373.	18.22	135.5	3.353
#2	63540.	469.9	2375.	17.88	132.1	3.059
#3	63730.	470.3	2410.	18.08	133.6	3.722

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.267	-2.207	26.35	674.6	7.371	3.676
Stddev	1.582	.363	.29	1.1	.507	.509
%RSD	69.77	16.47	1.086	.1582	6.886	13.85

#1	-4.093	-2.604	26.27	673.4	7.787	4.259
#2	-1.323	-1.892	26.11	675.5	6.805	3.448
#3	-1.385	-2.123	26.67	674.8	7.520	3.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.597	70.68	320.1
Stddev	.376	.19	2.6
%RSD	5.692	.2731	.8096

#1	6.688	70.50	318.8
#2	6.185	70.65	318.4
#3	6.920	70.88	323.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2099.9	40475.	4610.1
Stddev	2.8	80.	18.4
%RSD	.13397	.19694	.39995

#1	2096.6	40479.	4624.8
#2	2101.6	40553.	4616.2
#3	2101.3	40394.	4589.4

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10820.	13.69	-.4162	220.5	.8391	13660.
Stddev	55.	1.53	.2687	.1	.0766	91.
%RSD	.5084	11.21	64.55	.0532	9.134	.6673

#1	10760.	12.01	-.1452	220.6	.7535	13560.
#2	10850.	15.02	-.6825	220.4	.8622	13710.
#3	10860.	14.04	-.4209	220.5	.9014	13730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0618	17.62	40.03	23.65	45250.	1785.
Stddev	.0315	.23	.09	3.01	67.	24.
%RSD	51.00	1.295	.2256	12.71	.1480	1.327

#1	.0703	17.41	40.04	24.80	45210.	1773.
#2	.0269	17.86	40.11	25.92	45330.	1812.
#3	.0882	17.59	39.93	20.24	45210.	1770.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12090.	963.0	226.1	52.37	14.15	-1.447
Stddev	20.	1.2	13.3	.18	.04	2.156
%RSD	.1649	.1280	5.899	.3446	.3150	149.0
#1	12100.	963.6	229.4	52.58	14.15	-2.444
#2	12110.	963.8	211.4	52.27	14.11	-2.923
#3	12070.	961.6	237.5	52.27	14.20	1.027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.756	-3.761	41.37	75.29	6.473	1.440
Stddev	2.396	1.014	.23	.05	.949	.274
%RSD	354.7	26.96	.5541	.0646	14.67	18.99
#1	-2.762	-4.915	41.49	75.29	7.202	1.345
#2	-1.205	-3.012	41.52	75.34	5.400	1.748
#3	1.941	-3.357	41.11	75.24	6.817	1.227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.235	30.16	321.4
Stddev	.149	.24	3.6
%RSD	12.07	.7933	1.116

#1	1.378	29.88	317.4
#2	1.081	30.29	322.5
#3	1.247	30.30	324.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2153.1	42014.	4639.8
Stddev	5.0	136.	17.0
%RSD	.23165	.32480	.36732

#1	2154.0	41927.	4658.8
#2	2157.6	41945.	4634.8
#3	2147.8	42172.	4625.9

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10540.	2.945	-.1745	90.28	.7334	36270.
Stddev	28.	1.314	.6578	.10	.0989	86.
%RSD	.2625	44.62	377.0	.1154	13.49	.2358

#1	10520.	2.102	-.1269	90.29	.6679	36250.
#2	10540.	2.274	-.8548	90.17	.8472	36200.
#3	10570.	4.459	.4582	90.38	.6851	36360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0869	12.75	25.95	26.88	30970.	2628.
Stddev	.0388	.17	.36	1.17	56.	41.
%RSD	44.69	1.361	1.404	4.366	.1795	1.556

#1	-.1260	12.57	26.22	26.27	30920.	2639.
#2	-.0863	12.76	26.10	28.24	30980.	2582.
#3	-.0483	12.92	25.54	26.15	31030.	2662.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15750.	854.2	4234.	39.48	12.67	-1.158
Stddev	52.	3.7	17.	.44	.59	.347
%RSD	.3315	.4363	.3896	1.126	4.628	29.97

#1	15700.	850.5	4215.	39.05	13.19	-1.545
#2	15740.	854.0	4245.	39.93	12.03	-.8744
#3	15800.	858.0	4241.	39.46	12.78	-1.055

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9420	-3.497	39.14	61.07	8.795	.0092
Stddev	1.936	1.809	.73	.13	.672	.1468
%RSD	205.5	51.72	1.878	.2195	7.636	1591.

#1	-2.471	-2.034	39.81	61.04	9.159	-.1299
#2	1.235	-5.520	38.35	61.22	9.206	-.0051
#3	-1.590	-2.938	39.25	60.96	8.020	.1626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.183	59.52	533.9
Stddev	.789	.27	1.8
%RSD	66.69	.4538	.3390

#1	1.634	59.44	533.0
#2	1.643	59.29	532.8
#3	.2720	59.82	536.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2152.9	41572.	4630.0
Stddev	9.4	116.	3.2
%RSD	.43567	.27823	.06964

#1	2145.8	41686.	4633.7
#2	2149.3	41576.	4627.5
#3	2163.5	41455.	4628.9

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31690.	13.26	-1.012	240.2	1.711	86690.
Stddev	106.	1.62	.319	1.2	.031	118.
%RSD	.3359	12.21	31.53	.4969	1.807	.1361
#1	31760.	11.39	-.6714	240.9	1.738	86730.
#2	31740.	14.16	-1.059	238.8	1.677	86790.
#3	31560.	14.23	-1.304	241.0	1.718	86560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0651	26.51	99.20	59.55	91830.	4784.
Stddev	.1107	.05	.30	2.28	166.	9.
%RSD	170.1	.1704	.3029	3.835	.1804	.1850
#1	-.0088	26.45	98.92	60.30	91690.	4785.
#2	-.1925	26.52	99.51	61.37	92020.	4792.
#3	.0062	26.54	99.16	56.99	91800.	4774.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7873.	1101.	1281.	43.73	237.8	-2.185
Stddev	17.	1.	2.	.16	2.9	1.446
%RSD	.2196	.0780	.1399	.3751	1.200	66.17
#1	7871.	1102.	1281.	43.89	235.6	-2.363
#2	7892.	1102.	1279.	43.56	236.7	-3.534
#3	7858.	1100.	1283.	43.73	241.0	-.6586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.850	-6.123	120.8	304.5	2.116	1.858
Stddev	2.330	1.936	.2	1.3	.292	.221
%RSD	126.0	31.62	.1356	.4106	13.82	11.91
#1	-1.820	-7.010	120.9	303.0	2.330	1.849
#2	-4.195	-7.457	120.8	305.3	1.783	1.641
#3	.4657	-3.903	120.6	305.0	2.236	2.084

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	11.51	89.12	2100.
Stddev	.82	.21	6.
%RSD	7.100	.2371	.2960

#1	12.40	89.32	2104.
#2	11.36	89.14	2103.
#3	10.78	88.89	2093.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2196.4	42056.	4790.5
Stddev	4.1	109.	26.9
%RSD	.18472	.25908	.56237

#1	2200.8	41939.	4779.6
#2	2192.8	42077.	4770.7
#3	2195.7	42154.	4821.2

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30420.	25.13	-1.097	311.4	1.256	25520.
Stddev	110.	2.24	.791	.5	.082	103.
%RSD	.3613	8.904	72.07	.1613	6.490	.4025

#1	30350.	25.93	-.2739	310.8	1.162	25470.
#2	30360.	22.60	-1.851	311.7	1.296	25460.
#3	30540.	26.85	-1.167	311.6	1.309	25640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8310	24.97	137.4	237.3	68510.	2436.
Stddev	.1308	.23	.2	2.1	68.	3.
%RSD	15.75	.9308	.1408	.8978	.0993	.1035

#1	.7816	24.97	137.3	234.9	68590.	2438.
#2	.9794	24.75	137.3	239.0	68460.	2433.
#3	.7321	25.21	137.7	238.0	68490.	2436.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7327.	783.1	311.9	38.17	353.2	83.71
Stddev	19.	3.9	1.3	.12	1.4	2.29
%RSD	.2642	.4923	.4227	.3071	.4089	2.735

#1	7332.	779.8	313.1	38.06	353.7	82.11
#2	7305.	782.1	310.5	38.16	354.4	82.69
#3	7342.	787.3	312.2	38.29	351.6	86.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2938	-3.922	122.4	741.3	2.075	1.373
Stddev	.7444	1.817	.2	1.9	.289	.265
%RSD	253.4	46.33	.1431	.2629	13.91	19.30

#1	.5141	-3.293	122.6	742.8	2.401	1.613
#2	-.4436	-2.503	122.3	742.0	1.971	1.089
#3	-.9520	-5.970	122.4	739.1	1.852	1.418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	32.29	120.6	1072.
Stddev	.43	.5	1.
%RSD	1.344	.4464	.1356

#1	32.04	120.1	1072.
#2	32.04	120.5	1071.
#3	32.79	121.2	1074.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2175.1	41907.	4688.6
Stddev	2.5	183.	26.5
%RSD	.11599	.43721	.56540

#1	2174.4	41949.	4695.2
#2	2172.9	42065.	4711.2
#3	2177.8	41706.	4659.4

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43630.	13.65	-.6648	202.2	1.677	7695.
Stddev	118.	2.34	.2536	.2	.111	35.
%RSD	.2713	17.15	38.14	.0899	6.615	.4530
#1	43760.	11.19	-.6142	202.0	1.606	7679.
#2	43540.	15.85	-.9399	202.1	1.805	7671.
#3	43580.	13.91	-.4404	202.4	1.620	7735.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0280	23.20	72.99	62.74	69740.	2181.
Stddev	.0390	.07	.72	.61	76.	20.
%RSD	139.3	.3046	.9811	.9762	.1084	.8964
#1	-.0176	23.24	72.44	62.52	69810.	2181.
#2	-.0712	23.12	72.74	62.27	69740.	2161.
#3	.0047	23.24	73.80	63.43	69660.	2200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7319.	795.6	351.0	32.36	123.1	14.90
Stddev	5.	1.9	7.8	.32	1.3	1.25
%RSD	.0681	.2394	2.227	.9747	1.020	8.380

#1	7313.	793.7	359.8	32.30	124.6	13.47
#2	7323.	795.6	345.0	32.09	122.4	15.52
#3	7320.	797.5	348.2	32.71	122.4	15.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8660	-4.826	127.4	254.7	.3492	1.150
Stddev	1.741	1.193	.8	.3	.6026	.029
%RSD	201.1	24.72	.6138	.1327	172.6	2.481

#1	-.9033	-5.042	128.1	254.9	.5614	1.124
#2	.9238	-5.897	127.6	254.9	.8171	1.147
#3	2.578	-3.540	126.6	254.4	-.3308	1.180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	16.61	27.92	1125.
Stddev	.80	.10	3.
%RSD	4.821	.3500	.2590

#1	17.48	28.00	1127.
#2	15.91	27.81	1125.
#3	16.44	27.96	1122.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2214.8	42493.	4753.3
Stddev	1.1	31.	24.9
%RSD	.05035	.07248	.52412

#1	2216.1	42517.	4756.6
#2	2213.9	42504.	4776.4
#3	2214.5	42459.	4726.9

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118500.	2325.	1194.	9474.	955.5	120600.
Stddev	174.	8.	1.	10.	.4	195.
%RSD	.1464	.3503	.0855	.1089	.0387	.1613

#1	118400.	2328.	1195.	9464.	955.5	120800.
#2	118300.	2316.	1193.	9474.	955.1	120400.
#3	118700.	2331.	1193.	9485.	955.9	120700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1180.	2350.	4877.	11940.	97460.	47340.
Stddev	1.	4.	6.	10.	217.	68.
%RSD	.1142	.1609	.1243	.0869	.2222	.1439

#1	1178.	2346.	4875.	11940.	97400.	47410.
#2	1180.	2350.	4884.	11930.	97700.	47270.
#3	1181.	2354.	4873.	11950.	97280.	47340.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	5009.	117600.	2361.	7093.	930.6
Stddev	205.	8.	249.	4.	8.	2.3
%RSD	.1665	.1619	.2116	.1670	.1090	.2488

#1	123000.	5008.	117500.	2357.	7088.	929.8
#2	123300.	5018.	117400.	2361.	7090.	928.8
#3	122900.	5002.	117900.	2365.	7102.	933.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2327.	2353.	2413.	2362.	940.8	2367.
Stddev	7.	5.	5.	2.	2.8	4.
%RSD	.3120	.2044	.1976	.0813	.3021	.1598

#1	2319.	2351.	2410.	2362.	940.1	2364.
#2	2332.	2350.	2418.	2361.	938.3	2366.
#3	2330.	2359.	2410.	2365.	943.9	2372.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	937.7	4811.	9472.
Stddev	.7	6.	19.
%RSD	.0748	.1313	.2010

#1	937.1	4815.	9469.
#2	938.5	4804.	9455.
#3	937.6	4814.	9492.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1958.3	37836.	4474.9
Stddev	1.8	158.	8.7
%RSD	.09408	.41862	.19515

#1	1957.0	37726.	4465.0
#2	1957.4	37765.	4481.4
#3	1960.4	38018.	4478.3

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.67	1.292	-.4897	.4275	.0094	6.857
Stddev	9.40	.544	.7697	.1959	.0406	8.603
%RSD	80.53	42.09	157.2	45.83	433.2	125.5

#1	21.93	1.077	-.6502	.6477	-.0200	13.91
#2	3.482	1.910	.3476	.3624	-.0075	-2.728
#3	9.599	.8890	-1.166	.2725	.0557	9.392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0764	.1109	.1188	.4346	17.47	-27.38
Stddev	.0264	.0938	.3297	3.322	6.22	49.34
%RSD	34.59	84.63	277.4	764.3	35.59	180.2

#1	.0515	.1951	.1854	-2.940	23.32	23.40
#2	.1041	.0097	.4102	3.701	10.94	-30.41
#3	.0737	.1279	-.2391	.5433	18.14	-75.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.726	.2293	46.99	.4178	1.113	.3323
Stddev	2.109	.0959	13.96	.3022	.215	.8767
%RSD	36.84	41.83	29.70	72.33	19.33	263.8
#1	5.162	.2039	62.30	.1282	.8735	-.6788
#2	8.060	.3353	43.70	.3941	1.290	.8793
#3	3.956	.1486	34.97	.7311	1.176	.7966

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2850	-.5523	-.5364	-.1378	.3744	.9348
Stddev	1.343	.3992	.2909	.2471	.1974	.6263
%RSD	471.3	72.28	54.23	179.3	52.71	67.00
#1	-.9171	-.2867	-.7161	.1224	.5021	1.641
#2	1.735	-1.011	-.6924	-.1667	.4740	.7169
#3	.0374	-.3587	-.2008	-.3692	.1471	.4465

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3380	.1261	.4025
Stddev	1.180	.0435	.8396
%RSD	349.0	34.48	208.6

#1	1.299	.1267	1.016
#2	-.9784	.1693	-.5543
#3	.6932	.0823	.7457

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2138.2	41808.	4568.7
Stddev	11.0	95.	32.3
%RSD	.51436	.22731	.70592

#1	2149.6	41886.	4597.7
#2	2137.2	41702.	4574.5
#3	2127.7	41836.	4534.0

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43400.	15.33	-.6817	199.5	2.418	9626.
Stddev	43.	1.80	.7494	.6	.053	14.
%RSD	.1000	11.74	109.9	.3069	2.188	.1474

#1	43380.	15.86	-.4067	199.5	2.416	9618.
#2	43380.	13.33	-1.530	200.2	2.366	9642.
#3	43450.	16.81	-.1086	198.9	2.471	9617.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0094	28.70	126.2	63.15	86610.	1988.
Stddev	.0419	.27	.1	.68	187.	13.
%RSD	447.3	.9566	.0595	1.077	.2158	.6531

#1	.0481	28.70	126.3	62.36	86710.	1974.
#2	.0152	28.97	126.2	63.59	86720.	1990.
#3	-.0351	28.42	126.1	63.49	86390.	2000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6759.	1025.	358.0	35.99	122.1	9.770
Stddev	10.	1.	18.7	.38	2.0	1.672
%RSD	.1419	.1297	5.227	1.055	1.662	17.12

#1	6756.	1026.	377.7	36.12	120.1	8.807
#2	6770.	1024.	355.7	35.56	122.2	11.70
#3	6752.	1024.	340.5	36.28	124.2	8.802

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.927	-5.579	134.2	172.4	.3484	1.559
Stddev	1.811	.747	.7	.6	.1595	.101
%RSD	93.97	13.38	.5325	.3232	45.78	6.481

#1	-2.301	-4.893	134.9	172.8	.4733	1.589
#2	-3.521	-6.374	134.2	172.6	.1687	1.643
#3	.0417	-5.470	133.5	171.8	.4032	1.447

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	11.00	31.62	1075.
Stddev	.26	.04	2.
%RSD	2.344	.1152	.2238

#1	11.01	31.65	1075.
#2	10.73	31.58	1076.
#3	11.25	31.63	1072.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2207.5	42431.	4744.0
Stddev	8.4	215.	18.4
%RSD	.38070	.50733	.38707

#1	2206.2	42183.	4758.6
#2	2199.8	42572.	4749.9
#3	2216.4	42538.	4723.4

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8967.	1.187	-.9403	41.08	.5935	1967.
Stddev	8.	1.776	.4174	.09	.0069	15.
%RSD	.0908	149.6	44.38	.2129	1.159	.7842

#1	8958.	2.469	-1.079	41.17	.5861	1960.
#2	8970.	1.932	-1.271	41.00	.5946	1956.
#3	8974.	-.8396	-.4714	41.06	.5997	1984.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1071	6.161	25.59	12.98	17890.	407.8
Stddev	.0544	.047	.27	4.23	43.	30.2
%RSD	50.77	.7655	1.070	32.55	.2396	7.399

#1	.0815	6.123	25.90	16.37	17910.	437.1
#2	.1695	6.145	25.38	14.32	17910.	376.8
#3	.0702	6.214	25.49	8.247	17840.	409.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1433.	213.1	89.67	7.606	26.41	1.898
Stddev	4.	.4	7.94	.242	.88	1.000
%RSD	.2623	.1837	8.856	3.186	3.347	52.70

#1	1433.	213.4	87.27	7.357	26.33	1.146
#2	1436.	213.2	98.54	7.622	25.56	1.515
#3	1429.	212.7	83.21	7.840	27.32	3.033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.353	-2.039	27.04	36.30	-.5774	.3760
Stddev	2.927	.888	.17	.08	.7230	.1526
%RSD	124.4	43.56	.6113	.2192	125.2	40.59

#1	.0586	-1.187	26.87	36.35	.2551	.2325
#2	-1.507	-1.970	27.06	36.21	-1.048	.5364
#3	-5.610	-2.959	27.20	36.35	-.9394	.3591

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.410	6.502	217.6
Stddev	1.008	.084	.9
%RSD	41.83	1.292	.3995

#1	1.417	6.452	217.8
#2	3.432	6.599	216.7
#3	2.379	6.454	218.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2206.3	42161.	4636.9
Stddev	1.2	24.	6.7
%RSD	.05325	.05647	.14342

#1	2205.6	42134.	4629.3
#2	2207.7	42170.	4639.3
#3	2205.6	42178.	4641.9

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69260.	824.7	20.61	1103.	24.67	15800.
Stddev	165.	1.4	.91	2.	.13	98.
%RSD	.2388	.1732	4.439	.1762	.5223	.6186

#1	69070.	824.3	21.66	1101.	24.61	15740.
#2	69320.	823.5	20.12	1105.	24.82	15750.
#3	69390.	826.2	20.04	1103.	24.58	15910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.70	244.4	199.8	175.6	80540.	12120.
Stddev	.14	.9	.4	1.0	204.	51.
%RSD	.6544	.3532	.2035	.5782	.2526	.4195

#1	21.54	243.4	200.1	176.7	80310.	12140.
#2	21.80	244.9	199.3	174.8	80600.	12060.
#3	21.76	244.8	199.9	175.3	80700.	12150.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 {57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17990.	1018.	8973.	271.7	311.6	211.4
Stddev	34.	5.	67.	.6	1.3	.7
%RSD	.1899	.4703	.7521	.2131	.4127	.3157

#1	17970.	1020.	8896.	271.1	310.1	210.7
#2	17970.	1012.	9000.	272.3	312.5	211.7
#3	18030.	1021.	9022.	271.8	312.2	211.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	803.7	909.7	376.8	400.4	194.6	216.0
Stddev	4.9	2.1	2.0	1.3	.5	.6
%RSD	.6120	.2352	.5344	.3219	.2568	.2682

#1	798.0	907.5	374.8	399.1	194.6	215.4
#2	806.6	909.9	377.0	401.7	195.2	216.1
#3	806.5	911.7	378.8	400.3	194.2	216.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	229.3	247.1	1963.
Stddev	1.1	1.0	10.
%RSD	.4884	.3990	.4998

#1	229.4	247.1	1952.
#2	230.4	246.1	1966.
#3	228.2	248.1	1971.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2195.9	42169.	4747.5
Stddev	5.4	206.	21.5
%RSD	.24411	.48816	.45356

#1	2195.8	42002.	4752.2
#2	2190.6	42399.	4766.3
#3	2201.3	42105.	4724.0

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45530.	1743.	36.05	2029.	48.58	28840.
Stddev	120.	2.	.49	5.	.18	28.
%RSD	.2629	.0865	1.366	.2551	.3734	.0958
#1	45390.	1743.	35.74	2023.	48.77	28820.
#2	45570.	1745.	35.80	2029.	48.57	28870.
#3	45620.	1742.	36.62	2034.	48.41	28820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.71	486.7	316.7	297.0	87760.	20150.
Stddev	.10	1.1	1.0	3.0	92.	48.
%RSD	.2180	.2299	.3092	.9980	.1050	.2390
#1	45.60	485.4	316.7	298.4	87700.	20190.
#2	45.78	487.2	315.7	299.0	87700.	20150.
#3	45.76	487.4	317.6	293.6	87860.	20100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25260.	1515.	18160.	503.1	586.7	445.3
Stddev	33.	.	71.	1.8	2.7	1.5
%RSD	.1313	.0314	.3895	.3542	.4572	.3474
#1	25260.	1515.	18080.	501.0	583.9	443.8
#2	25230.	1516.	18170.	504.2	587.0	445.4
#3	25290.	1516.	18230.	504.0	589.3	446.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1706.	1897.	594.7	626.4	447.3	452.4
Stddev	3.	8.	.8	2.4	2.4	2.4
%RSD	.1546	.4188	.1418	.3787	.5264	.5399
#1	1705.	1888.	594.1	623.7	444.6	449.6
#2	1710.	1901.	595.6	627.7	448.4	454.0
#3	1705.	1902.	594.3	627.9	449.0	453.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	459.2	489.3	1554.
Stddev	1.2	.9	5.
%RSD	.2702	.1761	.2949

#1	458.9	489.7	1549.
#2	458.2	489.9	1558.
#3	460.6	488.3	1556.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2172.9	41977.	4708.1
Stddev	10.3	116.	9.2
%RSD	.47333	.27709	.19620

#1	2184.8	42033.	4716.8
#2	2166.7	42054.	4698.4
#3	2167.3	41843.	4709.1

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37290.	46.00	-.4539	951.0	1.722	49140.
Stddev	35.	2.22	.3548	2.2	.063	91.
%RSD	.0938	4.827	78.16	.2335	3.661	.1849

#1	37270.	47.36	-.3996	951.7	1.781	49050.
#2	37330.	47.19	-.1294	952.8	1.656	49140.
#3	37260.	43.43	-.8327	948.5	1.730	49230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.693	32.34	316.6	393.0	93260.	3040.
Stddev	.116	.26	.8	2.1	114.	31.
%RSD	6.875	.8175	.2619	.5415	.1220	1.033

#1	1.806	32.16	317.6	392.9	93310.	3076.
#2	1.700	32.65	316.3	390.9	93130.	3018.
#3	1.573	32.22	316.1	395.1	93340.	3025.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8859.	997.7	363.1	52.03	538.9	106.8
Stddev	9.	1.6	12.1	.26	1.3	.3
%RSD	.1038	.1588	3.342	.5007	.2345	.3011
#1	8852.	996.7	377.0	52.30	538.8	106.5
#2	8870.	999.5	354.8	51.78	540.3	106.8
#3	8856.	996.8	357.6	52.01	537.8	107.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.798	-4.859	163.6	1572.	5.745	2.324
Stddev	1.584	2.953	.6	2.	.367	.086
%RSD	88.08	60.77	.3626	.1179	6.394	3.715
#1	-6.728	-3.484	163.0	1573.	5.930	2.224
#2	-3.609	-8.249	163.5	1572.	5.322	2.370
#3	-1.112	-2.844	164.2	1570.	5.983	2.377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	52.49	173.0	1232.
Stddev	.75	.4	1.
%RSD	1.435	.2187	.0603

#1	52.77	172.7	1232.
#2	51.63	172.8	1232.
#3	53.06	173.4	1233.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2156.7	41701.	4674.5
Stddev	1.7	206.	12.2
%RSD	.07991	.49298	.26168

#1	2155.4	41702.	4688.4
#2	2158.6	41494.	4665.4
#3	2156.0	41905.	4669.8

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43730.	14.52	-.8804	227.8	1.349	8684.
Stddev	123.	.75	.4375	.4	.118	27.
%RSD	.2807	5.191	49.70	.1927	8.772	.3148

#1	43800.	14.19	-.9140	227.3	1.414	8657.
#2	43800.	13.99	-.4270	228.0	1.422	8712.
#3	43590.	15.38	-1.300	228.1	1.213	8684.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0593	27.53	77.04	65.85	74450.	3939.
Stddev	.0906	.23	.52	1.15	225.	51.
%RSD	152.7	.8225	.6762	1.747	.3015	1.291

#1	.0405	27.68	77.12	67.16	74360.	3907.
#2	-.1364	27.27	77.52	65.37	74710.	3998.
#3	-.0821	27.65	76.49	65.02	74290.	3913.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7057.	1039.	117.8	36.13	102.8	36.50
Stddev	10.	1.	6.8	.17	.3	1.16
%RSD	.1430	.1303	5.797	.4813	.2799	3.163
#1	7046.	1038.	113.2	36.01	102.9	36.43
#2	7066.	1041.	125.6	36.33	102.5	35.38
#3	7058.	1038.	114.6	36.05	103.1	37.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6636	-4.440	147.2	200.8	3.902	1.023
Stddev	2.186	.360	.1	.6	.594	.216
%RSD	329.5	8.106	.0994	.2782	15.23	21.11
#1	-2.520	-4.755	147.4	200.2	3.724	1.243
#2	-1.217	-4.517	147.1	200.8	4.564	1.015
#3	1.746	-4.048	147.2	201.3	3.417	.8111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	9.134	29.78	1383.
Stddev	.210	.11	4.
%RSD	2.296	.3790	.2975

#1	9.190	29.71	1379.
#2	9.309	29.91	1387.
#3	8.901	29.73	1382.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2172.6	42031.	4646.6
Stddev	6.2	201.	26.1
%RSD	.28620	.47769	.56063

#1	2179.8	41849.	4638.5
#2	2169.4	41998.	4625.5
#3	2168.7	42246.	4675.7

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42210.	23.35	-1.433	373.5	1.879	18790.
Stddev	75.	.42	.857	1.0	.042	43.
%RSD	.1778	1.779	59.80	.2729	2.249	.2307

#1	42200.	22.94	-2.384	373.1	1.852	18750.
#2	42130.	23.77	-1.193	374.6	1.857	18830.
#3	42280.	23.36	-.7220	372.7	1.927	18790.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7382	17.46	75.50	49.13	65660.	2029.
Stddev	.0090	.03	.64	1.96	88.	45.
%RSD	1.225	.1695	.8504	3.995	.1343	2.196

#1	.7420	17.46	76.14	50.88	65690.	1979.
#2	.7448	17.48	74.86	47.01	65730.	2045.
#3	.7279	17.43	75.51	49.49	65560.	2064.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6983.	671.7	443.9	29.86	168.9	19.14
Stddev	12.	1.4	11.9	.27	1.0	2.49
%RSD	.1700	.2132	2.672	.8946	.5917	13.02

#1	6989.	671.9	430.6	29.55	168.1	20.58
#2	6990.	673.0	453.5	30.04	170.0	20.57
#3	6969.	670.2	447.7	29.98	168.6	16.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.852	-2.931	106.2	241.3	1.886	1.423
Stddev	2.629	.113	.2	.5	.239	.027
%RSD	142.0	3.848	.1937	.2092	12.67	1.886

#1	.6807	-2.966	106.1	241.0	1.781	1.393
#2	-1.668	-2.805	106.5	241.9	2.160	1.431
#3	-4.568	-3.023	106.2	241.0	1.718	1.445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	16.71	87.69	933.3
Stddev	.31	.17	1.8
%RSD	1.835	.1959	.1884

#1	16.96	87.77	933.2
#2	16.37	87.49	931.7
#3	16.80	87.80	935.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2204.4	42628.	4765.8
Stddev	5.0	112.	11.9
%RSD	.22505	.26257	.24981

#1	2205.9	42500.	4768.7
#2	2198.9	42710.	4752.7
#3	2208.5	42673.	4775.9

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34870.	12.98	-1.296	1459.	3.080	17620.
Stddev	189.	2.48	.130	2.	.024	15.
%RSD	.5416	19.09	10.03	.1521	.7695	.0846
#1	34650.	15.74	-1.219	1457.	3.101	17610.
#2	34990.	12.25	-1.223	1460.	3.085	17630.
#3	34960.	10.94	-1.446	1461.	3.054	17630.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0525	37.34	91.99	96.20	90810.	6054.
Stddev	.1204	.16	.51	.93	252.	35.
%RSD	229.3	.4235	.5562	.9681	.2780	.5717
#1	-.1322	37.51	91.73	95.88	90540.	6093.
#2	.0860	37.21	92.58	97.25	90850.	6027.
#3	-.1112	37.29	91.66	95.48	91030.	6042.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23130.	2467.	639.3	87.41	59.84	2.324
Stddev	57.	9.	6.9	.23	.72	1.158
%RSD	.2474	.3559	1.075	.2597	1.195	49.83

#1	23080.	2467.	631.4	87.18	60.26	3.627
#2	23120.	2458.	643.8	87.63	59.02	1.936
#3	23190.	2476.	642.8	87.42	60.25	1.410

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.254	-9.296	114.3	189.1	25.09	.2586
Stddev	2.937	.367	.3	.3	.43	.2218
%RSD	55.91	3.951	.2778	.1617	1.708	85.77

#1	-1.926	-9.019	114.1	188.7	24.61	.1125
#2	-7.486	-9.157	114.3	189.3	25.23	.1495
#3	-6.349	-9.713	114.7	189.2	25.44	.5138

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.786	93.29	1462.
Stddev	1.362	.38	6.
%RSD	23.54	.4048	.4358

#1	4.502	93.12	1455.
#2	7.214	93.72	1467.
#3	5.641	93.03	1463.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2228.5	43381.	4850.6
Stddev	5.8	54.	12.5
%RSD	.25849	.12417	.25819

#1	2232.1	43334.	4838.7
#2	2221.9	43440.	4849.5
#3	2231.6	43369.	4863.6

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16870.	33.05	-1.036	66.85	1.197	10520.
Stddev	15.	.42	.537	.15	.068	33.
%RSD	.0877	1.257	51.84	.2210	5.717	.3132

#1	16880.	32.57	-1.263	66.76	1.264	10490.
#2	16850.	33.24	-.4229	67.02	1.127	10510.
#3	16870.	33.33	-1.423	66.77	1.199	10550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0917	6.705	71.21	34.42	54670.	4028.
Stddev	.1325	.217	.21	2.99	86.	17.
%RSD	144.5	3.235	.3011	8.684	.1570	.4192

#1	-.0556	6.582	71.22	31.14	54590.	4017.
#2	.2012	6.578	71.42	35.16	54650.	4048.
#3	.1297	6.956	70.99	36.98	54760.	4020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5504.	230.8	912.1	13.84	69.94	-.3430
Stddev	24.	1.0	3.9	.46	1.46	1.285
%RSD	.4362	.4314	.4247	3.309	2.083	374.8

#1	5480.	229.7	907.6	13.31	68.60	-1.078
#2	5505.	231.0	914.6	14.12	71.49	-1.092
#3	5528.	231.7	914.0	14.09	69.71	1.141

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.502	-1.261	114.6	82.54	23.88	2.297
Stddev	3.773	1.815	.3	.11	.23	.189
%RSD	107.7	143.9	.2453	.1341	.9622	8.220

#1	-4.694	.7844	114.3	82.44	23.89	2.192
#2	-6.535	-1.889	114.6	82.66	24.10	2.184
#3	.7228	-2.679	114.8	82.52	23.64	2.515

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.588	45.67	259.3
Stddev	.376	.17	2.0
%RSD	10.47	.3820	.7722

#1	3.784	45.53	261.4
#2	3.826	45.62	257.5
#3	3.155	45.87	258.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2172.9	42044.	4674.0
Stddev	8.4	99.	14.4
%RSD	.38792	.23570	.30812

#1	2182.7	42153.	4657.3
#2	2168.0	42018.	4682.0
#3	2168.2	41960.	4682.5

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39340.	19.87	2.715	524.6	4.394	94700.
Stddev	61.	2.71	.562	1.3	.054	331.
%RSD	.1539	13.64	20.69	.2527	1.219	.3493
#1	39310.	19.97	2.085	523.1	4.399	94750.
#2	39300.	17.11	2.898	525.2	4.446	94350.
#3	39410.	22.53	3.163	525.5	4.339	95010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.500	33.00	2681.	634.9	75700.	6383.
Stddev	.030	.12	3.	6.3	139.	58.
%RSD	.6593	.3604	.1232	.9992	.1841	.9056
#1	4.482	32.87	2681.	641.4	75710.	6370.
#2	4.535	33.03	2684.	628.7	75840.	6333.
#3	4.484	33.10	2678.	634.6	75560.	6446.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11120.	1431.	1526.	164.7	605.9	-.4412
Stddev	33.	2.	6.	.7	.4	.7677
%RSD	.2956	.1101	.4150	.4171	.0685	174.0
#1	11150.	1432.	1519.	164.1	606.4	-.3873
#2	11140.	1431.	1529.	165.5	605.7	-1.235
#3	11090.	1429.	1531.	164.6	605.7	.2981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3025	-3.851	130.9	2397.	21.30	3.390
Stddev	2.665	1.746	.3	4.	.68	.261
%RSD	881.0	45.35	.2469	.1569	3.201	7.697
#1	-3.189	-2.541	130.6	2393.	21.75	3.089
#2	.2158	-3.178	130.8	2400.	21.64	3.548
#3	2.065	-5.833	131.3	2399.	20.52	3.533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	19.72	482.1	1138.
Stddev	.10	1.5	1.
%RSD	.5259	.3206	.0666

#1	19.84	482.3	1138.
#2	19.66	480.5	1138.
#3	19.67	483.6	1139.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2178.6	42478.	4829.2
Stddev	4.0	277.	35.9
%RSD	.18508	.65200	.74432

#1	2174.3	42210.	4789.0
#2	2179.1	42460.	4858.2
#3	2182.3	42763.	4840.5

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119300.	2349.	1194.	9555.	961.7	121200.
Stddev	83.	5.	4.	6.	2.1	320.
%RSD	.0696	.2088	.3106	.0670	.2195	.2640

#1	119300.	2350.	1190.	9550.	964.1	121600.
#2	119200.	2354.	1197.	9551.	960.5	121000.
#3	119400.	2344.	1196.	9562.	960.5	121000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1192.	2376.	4874.	12020.	97540.	47430.
Stddev	.	.	10.	14.	229.	128.
%RSD	.0301	.0116	.2144	.1137	.2351	.2692

#1	1192.	2376.	4866.	12030.	97340.	47580.
#2	1193.	2376.	4886.	12010.	97790.	47350.
#3	1192.	2376.	4870.	12030.	97490.	47360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	4984.	118400.	2387.	7170.	941.6
Stddev	210.	5.	80.	.	6.	.8
%RSD	.1709	.1100	.0675	.0046	.0863	.0857

#1	122700.	4983.	118400.	2387.	7164.	942.3
#2	123100.	4990.	118500.	2387.	7169.	940.7
#3	122800.	4979.	118400.	2387.	7177.	941.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2354.	2391.	2411.	2390.	950.8	2389.
Stddev	6.	2.	3.	1.	2.7	4.
%RSD	.2519	.0684	.1393	.0597	.2861	.1624

#1	2359.	2392.	2408.	2389.	948.8	2385.
#2	2355.	2390.	2414.	2390.	949.6	2389.
#3	2347.	2390.	2409.	2392.	953.9	2393.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	952.1	4841.	9560.
Stddev	1.2	10.	1.
%RSD	.1248	.1976	.0142

#1	951.4	4852.	9562.
#2	951.4	4834.	9560.
#3	953.5	4837.	9559.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1950.0	38196.	4465.7
Stddev	4.5	62.	27.0
%RSD	.23190	.16262	.60504

#1	1951.6	38268.	4434.8
#2	1953.6	38153.	4477.8
#3	1944.9	38169.	4484.6

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.255	-.7178	-.2195	.6855	.0403	2.582
Stddev	8.421	.3443	.2419	.5199	.0647	20.29
%RSD	90.99	47.97	110.2	75.84	160.4	785.8

#1	7.009	-.9307	-.1838	1.274	.0960	-20.84
#2	18.57	-.3206	-.4773	.4931	.0557	14.15
#3	2.185	-.9022	.0024	.2893	-.0307	14.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0842	.2839	.2001	-.0789	10.04	119.1
Stddev	.1565	.2916	.4238	.2621	6.55	43.7
%RSD	185.9	102.7	211.8	332.1	65.25	36.68

#1	.2551	.4462	.4587	-.0887	11.53	148.3
#2	.0494	.4583	.4305	.1879	2.870	68.87
#3	-.0520	-.0527	-.2890	-.3360	15.71	140.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.886	.3565	47.51	.5404	.7178	.2623
Stddev	6.725	.1730	22.04	.0512	1.290	1.910
%RSD	114.3	48.52	46.40	9.466	179.7	728.0

#1	9.784	.4945	72.25	.5743	2.190	-.6692
#2	9.754	.4125	40.31	.5653	.1785	2.459
#3	-1.879	.1625	29.96	.4816	-.2148	-1.003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9081	.4430	.2626	-.1030	-.1370	1.184
Stddev	3.824	1.842	.1570	.2650	.2852	.612
%RSD	421.1	415.7	59.79	257.2	208.3	51.73

#1	1.336	2.461	.3584	.2012	.1381	1.889
#2	1.263	.0167	.3480	-.2268	-.4313	.7874
#3	-5.323	-1.148	.0814	-.2835	-.1177	.8746

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1997	.4165	1.126
Stddev	.8090	.1935	.960
%RSD	405.1	46.46	85.24

#1	.0168	.5571	2.235
#2	.4790	.4965	.5952
#3	-1.095	.1958	.5492

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2140.1	42023.	4548.8
Stddev	4.0	192.	2.4
%RSD	.18700	.45654	.05284

#1	2140.5	42118.	4551.1
#2	2143.8	42150.	4546.3
#3	2135.9	41803.	4549.0

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8644	.0821	-.3157	.0796	.0184	15.76
Stddev	13.79	.9428	.4450	.0521	.1323	16.64
%RSD	1595.	1148.	140.9	65.53	720.2	105.6
#1	-6.426	1.119	.1636	.1112	.1562	18.96
#2	16.77	-.7243	-.7158	.0194	.0067	-2.247
#3	-7.748	-.1480	-.3949	.1081	-.1077	30.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0233	-.0160	.0038	1.430	5.529	4.284
Stddev	.0786	.0630	.3109	1.270	2.982	28.42
%RSD	337.3	394.9	8088.	88.84	53.93	663.3
#1	-.0108	.0414	.2201	-.0366	8.573	37.10
#2	-.1074	-.0834	-.3525	2.189	5.400	-12.05
#3	.0483	-.0059	.1439	2.138	2.614	-12.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.755	.1045	21.62	-.1290	-.3319	-.5012
Stddev	3.703	.0674	.75	.3621	.9398	1.620
%RSD	211.0	64.52	3.471	280.7	283.2	323.3

#1	5.170	.0287	22.13	-.2027	.0133	-2.042
#2	2.274	.1579	20.76	-.4485	-1.395	1.189
#3	-2.180	.1268	21.96	.2642	.3865	-.6501

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.858	.9940	.0520	.1261	-.1130	.2045
Stddev	2.231	.6728	.1863	.2142	.4605	.1314
%RSD	78.08	67.68	358.7	169.9	407.4	64.24

#1	-.5083	.3595	-.1572	-.0173	.4178	.0529
#2	-3.117	.9230	.1128	.0231	-.4063	.2751
#3	-4.949	1.699	.2002	.3723	-.3505	.2856

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4500	.0401	-.0356
Stddev	.7072	.0475	.2461
%RSD	157.1	118.6	691.1

#1	.6527	-.0007	-.2213
#2	1.034	.0923	-.1291
#3	-.3364	.0286	.2436

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2153.5	41893.	4563.0
Stddev	10.7	149.	16.9
%RSD	.49704	.35582	.37134

#1	2142.7	41881.	4557.6
#2	2153.7	42047.	4549.5
#3	2164.1	41750.	4582.0

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40110.	486.0	144.7	923.4	383.1	49850.
Stddev	118.	2.0	.0	2.9	1.1	132.
%RSD	.2942	.4056	.0334	.3145	.2911	.2645
#1	39970.	484.2	144.7	920.3	382.2	49760.
#2	40170.	488.1	144.6	924.0	384.3	50000.
#3	40190.	485.6	144.7	926.0	382.7	49780.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	298.4	470.6	1215.	853.7	88500.	19670.
Stddev	.9	.7	1.	.4	97.	14.
%RSD	.2905	.1461	.0902	.0463	.1102	.0726
#1	297.4	469.8	1216.	853.3	88470.	19680.
#2	299.0	470.9	1214.	853.8	88420.	19680.
#3	298.8	471.1	1215.	854.1	88610.	19650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem Line	Mg2790 279.079 {121}	Mn2576 257.610 {131}	Na5895 589.592 { 57}	Ni2316 231.604 {446}	Pb2203 220.353 {453}	Sb2068 206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18420.	2932.	4633.	697.3	430.9	930.8
Stddev	51.	9.	13.	2.4	.9	3.1
%RSD	.2793	.3166	.2707	.3432	.2019	.3318
#1	18470.	2940.	4630.	694.5	430.9	928.4
#2	18430.	2934.	4622.	698.3	431.8	934.2
#3	18370.	2922.	4647.	699.0	430.0	929.6

Check ? High Limit Low Limit	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Elem Line	Se196 196.090 {472}	Ti1908 190.856 {477}	V_2924 292.402 {115}	Zn2062 206.200 {463}	B_2089 208.959 {461}	Mo2020 202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1328.	624.2	566.6	2870.	668.4	260.7
Stddev	3.	5.8	.7	7.	1.2	.6
%RSD	.1979	.9273	.1216	.2290	.1862	.2186
#1	1327.	617.9	567.4	2863.	667.0	260.1
#2	1331.	625.6	566.1	2875.	668.8	260.8
#3	1327.	629.3	566.3	2874.	669.4	261.2

Check ? High Limit Low Limit	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Type: QC

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	516.9	1103.	2034.
Stddev	2.5	3.	8.
%RSD	.4866	.3001	.4070

#1	514.1	1100.	2025.
#2	517.7	1106.	2037.
#3	519.0	1104.	2041.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2216.1	42859.	4880.2
Stddev	7.4	125.	38.9
%RSD	.33376	.29096	.79690

#1	2224.0	42739.	4868.6
#2	2215.0	42848.	4848.4
#3	2209.3	42988.	4923.5

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem Line	Al3961 396.152 { 85} (Y_3710)	As1890 189.042 {478} (Y_2243)	Ag3280 328.068 {103} (Y_3600)	Ba2335 233.527 {445} (Y_2243)	Be3130 313.042 {108} (Y_3710)	Ca4226 422.673 { 80} (Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3347.	4.891	-.7946	17.20	.0554	141.8
Stddev	27.	.530	.6599	.11	.0650	2.0
%RSD	.8110	10.83	83.04	.6541	117.5	1.381
#1	3367.	4.285	-.3823	17.15	.1297	141.6
#2	3316.	5.265	-.4458	17.12	.0280	140.0
#3	3358.	5.123	-1.556	17.33	.0085	143.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem Line	Cd2265 226.502 {449} (Y_2243)	Co2286 228.616 {447} (Y_2243)	Cr2677 267.716 {126} (Y_3600)	Cu3247 324.754 {104} (Y_3710)	Fe2714 271.441 {124} (Y_3600)	K_7664 766.490 { 44} (Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0214	.3101	11.62	6.121	8826.	453.7
Stddev	.0439	.2411	.57	1.577	26.	22.6
%RSD	205.1	77.73	4.903	25.76	.2942	4.982
#1	-.0342	.5857	11.67	7.926	8799.	446.9
#2	.0275	.1387	11.03	5.426	8830.	478.9
#3	-.0574	.2058	12.17	5.011	8850.	435.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	334.6	28.66	36.17	1.542	61.46	2.773
Stddev	1.5	.13	7.58	.178	1.00	1.155
%RSD	.4394	.4670	20.97	11.56	1.631	41.65

#1	334.8	28.63	41.52	1.350	61.07	3.565
#2	333.1	28.55	39.50	1.703	60.72	1.448
#3	336.0	28.81	27.49	1.573	62.60	3.306

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2690	-1.358	23.34	18.71	5.482	2.194
Stddev	1.377	1.004	.19	.08	.511	.163
%RSD	511.9	73.97	.8139	.4476	9.328	7.406

#1	-.3581	-2.461	23.15	18.71	6.071	2.138
#2	1.150	-1.113	23.35	18.63	5.158	2.067
#3	-1.599	-.4983	23.52	18.80	5.216	2.377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.230	2.333	316.7
Stddev	1.073	.116	.6
%RSD	33.21	4.978	.1757

#1	3.456	2.454	316.1
#2	4.172	2.223	317.0
#3	2.063	2.321	317.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2169.2	42401.	4633.2
Stddev	6.4	219.	2.3
%RSD	.29436	.51536	.04920

#1	2171.1	42510.	4634.1
#2	2162.1	42544.	4634.8
#3	2174.5	42150.	4630.6

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3712.	3.289	-.8143	20.73	.0421	223.8
Stddev	11.	.497	.2701	.03	.0296	11.8
%RSD	.2933	15.09	33.18	.1327	70.28	5.256

#1	3701.	2.729	-.5360	20.74	.0677	237.3
#2	3712.	3.464	-.8314	20.75	.0490	216.4
#3	3723.	3.675	-1.075	20.70	.0097	217.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0860	.6874	12.94	7.886	9348.	448.7
Stddev	.1000	.1234	.25	.709	30.	24.3
%RSD	116.3	17.96	1.919	8.996	.3192	5.419

#1	.1135	.8071	12.92	8.687	9382.	440.6
#2	-.0249	.5605	12.70	7.635	9335.	476.1
#3	.1694	.6945	13.20	7.337	9326.	429.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	383.0	31.78	32.23	2.288	73.85	2.144
Stddev	4.8	.13	7.84	.193	.54	1.099
%RSD	1.244	.3961	24.31	8.446	.7279	51.23

#1	377.5	31.88	40.24	2.198	73.23	1.535
#2	385.1	31.81	31.89	2.156	74.12	3.413
#3	386.2	31.64	24.58	2.510	74.19	1.485

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.572	-1.877	23.63	20.35	4.613	1.789
Stddev	1.631	1.086	.27	.17	1.128	.138
%RSD	103.8	57.87	1.147	.8484	24.46	7.732

#1	-3.138	-.9438	23.92	20.55	5.881	1.821
#2	.1170	-3.069	23.38	20.29	4.238	1.908
#3	-1.694	-1.618	23.60	20.22	3.719	1.637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.128	3.209	344.3
Stddev	.578	.160	.9
%RSD	18.47	4.996	.2682

#1	3.216	3.306	343.4
#2	2.511	3.298	344.4
#3	3.657	3.024	345.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2174.6	42379.	4639.2
Stddev	3.8	337.	38.0
%RSD	.17692	.79552	.81875

#1	2170.8	42034.	4596.2
#2	2174.6	42395.	4653.2
#3	2178.5	42707.	4668.2

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	743.4	1.578	-.3578	4.163	.1142	37.65
Stddev	6.2	.970	.7670	.057	.0298	5.15
%RSD	.8407	61.46	214.3	1.360	26.13	13.67

#1	736.9	2.035	-.8763	4.217	.1024	37.20
#2	749.4	.4641	.5232	4.169	.1481	43.00
#3	743.8	2.234	-.7204	4.104	.0921	32.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0127	.1310	2.276	-.6725	1880.	89.12
Stddev	.0512	.2156	.577	.7920	3.	5.97
%RSD	402.1	164.6	25.36	117.8	.1483	6.700

#1	-.0432	.3231	2.301	-.2746	1882.	95.34
#2	.0241	.1721	1.686	-.1583	1880.	88.58
#3	.0573	-.1022	2.840	-1.585	1877.	83.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	75.64	6.350	10.22	.5686	14.59	.6282
Stddev	4.65	.035	6.85	.3870	.36	.6179
%RSD	6.144	.5429	67.05	68.05	2.491	98.36

#1	70.34	6.335	2.315	1.012	14.99	.0379
#2	79.01	6.390	13.89	.2991	14.49	1.270
#3	77.58	6.326	14.47	.3948	14.29	.5763

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9850	.5571	4.628	4.104	.0423	.3553
Stddev	1.397	1.234	.297	.082	.5396	.1179
%RSD	141.8	221.4	6.413	1.987	1275.	33.19

#1	-1.551	-.7306	4.291	4.067	.6643	.2501
#2	-2.010	.6734	4.738	4.047	-.2369	.4827
#3	.6059	1.728	4.853	4.197	-.3005	.3331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8756	.6256	68.24
Stddev	.9434	.0772	.85
%RSD	107.7	12.35	1.252

#1	1.010	.7023	68.45
#2	-.1278	.6267	67.30
#3	1.744	.5478	68.97

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2223.7	43343.	4714.7
Stddev	13.5	107.	35.7
%RSD	.60591	.24780	.75624

#1	2233.1	43463.	4674.1
#2	2229.8	43257.	4728.9
#3	2208.3	43309.	4741.1

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7559.	861.1	22.71	992.3	24.25	10210.
Stddev	48.	.6	.36	2.3	.24	52.
%RSD	.6318	.0748	1.567	.2307	.9861	.5094
#1	7516.	860.4	22.97	989.7	23.97	10150.
#2	7551.	861.5	22.30	994.0	24.42	10210.
#3	7611.	861.5	22.85	993.2	24.34	10250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.88	242.9	118.5	128.0	11550.	10310.
Stddev	.08	.1	.7	.6	28.	34.
%RSD	.3185	.0610	.5701	.4501	.2388	.3312
#1	23.95	242.8	117.7	127.9	11530.	10280.
#2	23.80	243.1	118.7	128.6	11550.	10340.
#3	23.90	242.9	119.0	127.5	11580.	10320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10370.	289.9	9228.	248.1	326.0	226.8
Stddev	25.	1.3	54.	.2	.8	1.9
%RSD	.2448	.4401	.5859	.0638	.2528	.8232

#1	10360.	289.3	9170.	248.0	325.1	225.5
#2	10360.	289.1	9234.	248.0	326.3	226.1
#3	10400.	291.4	9278.	248.3	326.7	229.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	845.6	993.8	266.7	259.1	238.2	237.4
Stddev	3.3	1.1	.6	.2	1.6	.5
%RSD	.3906	.1132	.2073	.0703	.6837	.1919

#1	841.9	994.5	266.9	259.3	236.4	237.1
#2	846.4	992.5	266.1	259.1	239.0	237.3
#3	848.4	994.4	267.1	258.9	239.3	237.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	239.5	242.8	605.4
Stddev	.8	.2	2.3
%RSD	.3293	.0913	.3773

#1	239.0	242.7	602.8
#2	240.4	242.7	606.7
#3	239.0	243.1	606.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2160.6	42067.	4711.3
Stddev	4.9	175.	17.6
%RSD	.22907	.41498	.37279

#1	2155.3	41929.	4727.0
#2	2161.5	42263.	4692.3
#3	2165.0	42009.	4714.5

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5524.	1831.	39.64	1957.	48.91	20320.
Stddev	32.	9.	.40	5.	.07	44.
%RSD	.5761	.4939	.9968	.2600	.1386	.2158

#1	5547.	1829.	39.30	1958.	48.96	20370.
#2	5538.	1823.	40.08	1951.	48.83	20290.
#3	5488.	1841.	39.55	1961.	48.92	20290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.42	488.9	213.6	253.5	10020.	19230.
Stddev	.21	2.0	.8	2.8	16.	18.
%RSD	.4281	.4161	.3837	1.088	.1599	.0956

#1	48.41	490.0	212.9	250.4	10010.	19260.
#2	48.22	486.6	213.2	254.7	10030.	19220.
#3	48.63	490.1	214.5	255.5	10040.	19220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19910.	556.0	18670.	496.0	565.3	464.6
Stddev	70.	2.1	120.	1.2	1.6	4.0
%RSD	.3498	.3709	.6442	.2453	.2771	.8569

#1	19900.	554.9	18810.	495.7	566.1	466.6
#2	19840.	554.6	18600.	495.0	563.5	460.1
#3	19980.	558.3	18610.	497.4	566.2	467.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1800.	2026.	511.9	495.9	481.4	483.0
Stddev	9.	8.	2.0	2.1	2.7	1.3
%RSD	.5057	.3711	.3884	.4163	.5658	.2679

#1	1798.	2031.	512.5	496.5	480.6	483.5
#2	1792.	2017.	509.7	493.5	479.2	481.6
#3	1810.	2029.	513.5	497.5	484.5	484.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	480.6	481.3	831.3
Stddev	2.1	1.6	4.0
%RSD	.4318	.3235	.4860

#1	479.8	482.4	835.4
#2	479.0	482.0	831.1
#3	482.9	479.5	827.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2139.2	41344.	4701.7
Stddev	6.6	76.	38.9
%RSD	.30646	.18481	.82694

#1	2131.8	41431.	4667.8
#2	2144.4	41286.	4693.2
#3	2141.5	41315.	4744.1

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163500.	30.95	4.786	345.3	3.866	32720.
Stddev	585.	1.82	.390	1.3	.031	188.
%RSD	.3577	5.872	8.145	.3655	.8022	.5740

#1	162900.	28.87	4.617	344.4	3.901	32520.
#2	163400.	31.76	4.509	346.7	3.843	32750.
#3	164100.	32.22	5.232	344.8	3.853	32890.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.768	32.87	84.36	160.8	81620.	3751.
Stddev	.105	.26	.22	1.7	247.	49.
%RSD	5.927	.7947	.2640	1.084	.3021	1.316

#1	1.866	32.88	84.48	160.1	81370.	3723.
#2	1.779	33.13	84.11	162.8	81860.	3723.
#3	1.658	32.61	84.51	159.5	81620.	3808.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13240.	8866.	497.4	69.80	98.00	5.611
Stddev	56.	58.	4.6	.76	.31	1.278
%RSD	.4248	.6555	.9339	1.091	.3193	22.78
#1	13180.	8808.	499.1	69.49	98.36	4.648
#2	13290.	8864.	492.1	69.24	97.79	7.061
#3	13260.	8924.	500.9	70.67	97.86	5.124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.103	F -20.31	109.5	352.7	30.81	7.187
Stddev	3.220	1.11	.3	.6	.51	.234
%RSD	103.7	5.445	.2652	.1777	1.646	3.251
#1	.7105	-20.71	109.6	352.0	30.25	7.456
#2	6.764	-21.16	109.7	353.0	30.94	7.073
#3	1.836	-19.06	109.2	353.2	31.24	7.032

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		4500.				
Low Limit		-20.00				

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	23.38	115.1	959.7
Stddev	.43	.5	3.5
%RSD	1.824	.4535	.3680

#1	23.35	114.7	956.8
#2	23.81	114.9	958.8
#3	22.96	115.7	963.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2212.6	42699.	4858.5
Stddev	3.1	30.	8.5
%RSD	.14075	.07094	.17578

#1	2211.4	42719.	4854.7
#2	2210.2	42715.	4852.6
#3	2216.1	42665.	4868.3

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10870.	13.66	-.5204	53.04	.8491	8214.
Stddev	11.	1.09	.0531	.11	.0964	8.
%RSD	.1026	7.939	10.21	.2161	11.35	.1003

#1	10860.	12.41	-.5611	53.09	.7409	8220.
#2	10880.	14.34	-.4603	53.12	.8805	8217.
#3	10860.	14.23	-.5398	52.91	.9259	8205.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0022	17.37	47.92	26.53	53490.	1584.
Stddev	.0700	.11	.52	.77	193.	9.
%RSD	3147.	.6402	1.093	2.904	.3611	.5597

#1	-.0309	17.37	47.70	26.26	53620.	1588.
#2	.0826	17.48	48.52	25.93	53570.	1574.
#3	-.0451	17.26	47.54	27.40	53260.	1590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9444.	892.4	460.8	51.79	14.33	-1.539
Stddev	38.	2.5	7.1	.12	.83	.376
%RSD	.4020	.2836	1.540	.2226	5.779	24.44

#1	9465.	894.7	453.6	51.67	15.03	-1.444
#2	9466.	892.8	461.0	51.90	13.41	-1.953
#3	9400.	889.7	467.8	51.80	14.54	-1.219

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.828	-1.698	40.71	77.15	5.475	2.302
Stddev	2.395	.574	.16	.28	.386	.265
%RSD	84.71	33.83	.3973	.3657	7.050	11.52

#1	-.3558	-2.090	40.86	77.34	5.888	2.592
#2	-5.138	-1.038	40.54	76.82	5.124	2.242
#3	-2.989	-1.964	40.74	77.28	5.412	2.072

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.865	17.11	284.3
Stddev	.961	.06	1.3
%RSD	51.54	.3641	.4586

#1	1.346	17.15	285.7
#2	2.975	17.14	284.3
#3	1.275	17.04	283.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2194.1	42555.	4698.8
Stddev	4.3	37.	8.9
%RSD	.19502	.08811	.18903

#1	2190.2	42558.	4699.9
#2	2193.5	42516.	4707.0
#3	2198.7	42591.	4689.4

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10920.	2.531	-.0418	39.79	.6211	19000.
Stddev	25.	.807	.5983	.08	.0708	105.
%RSD	.2274	31.88	1433.	.2117	11.40	.5539

#1	10900.	3.234	-.5164	39.83	.6544	18900.
#2	10900.	1.650	-.2391	39.69	.6691	19000.
#3	10940.	2.708	.6303	39.84	.5398	19110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0050	11.91	26.85	27.23	31290.	1883.
Stddev	.1389	.23	.31	4.98	106.	30.
%RSD	2765.	1.890	1.152	18.29	.3385	1.589

#1	.1374	11.65	27.03	30.20	31170.	1848.
#2	-.0123	12.00	26.50	21.48	31320.	1899.
#3	-.1401	12.07	27.03	30.01	31380.	1901.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11270.	583.0	2880.	26.90	9.519	-1.085
Stddev	49.	2.4	23.	.26	.520	.972
%RSD	.4318	.4038	.7970	.9806	5.458	89.65

#1	11220.	581.4	2879.	27.15	10.12	-.0011
#2	11260.	581.9	2858.	26.62	9.206	-1.372
#3	11320.	585.7	2904.	26.94	9.232	-1.881

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5574	-1.702	33.57	53.17	3.727	-.0295
Stddev	1.271	1.737	.17	.29	.489	.1986
%RSD	228.0	102.0	.5005	.5467	13.13	674.2

#1	-.6212	-3.059	33.47	53.13	4.100	-.2585
#2	.7441	.2551	33.46	52.89	3.908	.0745
#3	-1.795	-2.301	33.76	53.47	3.173	.0956

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.020	34.24	499.0
Stddev	.369	.20	.7
%RSD	18.28	.5906	.1398

#1	2.178	34.09	499.4
#2	1.598	34.16	498.2
#3	2.284	34.47	499.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2186.1	42217.	4716.9
Stddev	5.0	106.	13.7
%RSD	.22859	.25162	.29133

#1	2184.9	42315.	4713.0
#2	2191.6	42230.	4732.2
#3	2181.9	42104.	4705.6

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118900.	2339.	1191.	9508.	965.4	121300.
Stddev	216.	5.	2.	30.	1.8	304.
%RSD	.1819	.2329	.1299	.3170	.1813	.2507

#1	118600.	2333.	1193.	9474.	964.9	121000.
#2	118900.	2340.	1191.	9516.	967.4	121600.
#3	119000.	2344.	1190.	9533.	964.0	121300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1185.	2361.	4878.	12020.	97310.	47630.
Stddev	4.	10.	6.	18.	159.	185.
%RSD	.3269	.4161	.1198	.1472	.1633	.3881

#1	1181.	2351.	4873.	12000.	97260.	47450.
#2	1186.	2362.	4876.	12040.	97190.	47820.
#3	1188.	2371.	4884.	12010.	97490.	47610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	5012.	117600.	2372.	7110.	939.9
Stddev	161.	9.	88.	9.	28.	3.4
%RSD	.1308	.1801	.0749	.3636	.3881	.3651

#1	122700.	5002.	117500.	2362.	7084.	936.2
#2	122700.	5019.	117500.	2375.	7106.	940.6
#3	122900.	5014.	117700.	2379.	7139.	942.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2346.	2371.	2408.	2368.	944.2	2379.
Stddev	13.	13.	2.	10.	5.0	8.
%RSD	.5531	.5590	.0969	.4049	.5331	.3386

#1	2332.	2357.	2408.	2358.	938.9	2370.
#2	2348.	2374.	2405.	2371.	944.9	2381.
#3	2357.	2383.	2410.	2376.	948.9	2386.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	942.6	4857.	9532.
Stddev	2.1	17.	25.
%RSD	.2232	.3521	.2584

#1	940.3	4837.	9505.
#2	944.5	4869.	9540.
#3	942.9	4864.	9552.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1979.7	38218.	4534.0
Stddev	7.0	89.	6.8
%RSD	.35508	.23378	.14942

#1	1986.4	38307.	4539.8
#2	1980.2	38220.	4535.8
#3	1972.4	38128.	4526.6

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.02	1.217	-.2533	.5937	.1443	8.405
Stddev	10.89	.116	.2293	.2549	.0226	5.815
%RSD	77.67	9.523	90.51	42.94	15.64	69.18

#1	19.18	1.095	-.3899	.8076	.1662	15.07
#2	1.511	1.325	-.3814	.6618	.1455	4.351
#3	21.38	1.230	.0114	.3116	.1211	5.797

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1038	.1882	.0937	2.215	7.418	-18.74
Stddev	.0461	.0811	.1808	1.456	4.626	20.33
%RSD	44.45	43.11	193.0	65.73	62.36	108.5

#1	.0646	.2411	-.1079	1.128	10.79	-1.641
#2	.1547	.2286	.1472	3.869	9.321	-13.34
#3	.0921	.0948	.2418	1.648	2.145	-41.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.168	.4147	42.00	.5493	.0300	2.180
Stddev	.925	.1176	11.10	.3071	.8421	.727
%RSD	10.10	28.35	26.42	55.90	2809.	33.35
#1	9.921	.4824	50.07	.6311	-.6181	2.989
#2	9.448	.4828	46.60	.8072	.9818	1.974
#3	8.134	.2789	29.35	.2096	-.2738	1.579

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.298	.4990	.0082	-.2279	.5792	1.019
Stddev	2.869	.2432	.2238	.0843	.3635	.416
%RSD	221.0	48.75	2735.	36.99	62.76	40.80
#1	1.805	.5510	.2504	-.1470	.9978	1.332
#2	-3.854	.7120	-.0347	-.3152	.3975	1.177
#3	-1.846	.2339	-.1911	-.2214	.3424	.5473

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5011	.3917	1.539
Stddev	1.369	.0833	.885
%RSD	273.1	21.26	57.50

#1	2.070	.4743	.5244
#2	-.1195	.3931	1.942
#3	-.4472	.3077	2.152

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2175.4	42294.	4617.2
Stddev	8.0	43.	6.5
%RSD	.36606	.10267	.14149

#1	2175.6	42340.	4617.0
#2	2183.3	42253.	4610.8
#3	2167.4	42288.	4623.8

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.806	-.7744	-.8182	.0521	.1816	11.20
Stddev	14.80	.8183	.2296	.0627	.1262	2.01
%RSD	189.7	105.7	28.06	120.2	69.49	17.91

#1	-5.187	-1.628	-1.032	-.0150	.0813	10.23
#2	4.682	-.6977	-.8468	.0623	.1403	9.872
#3	23.92	.0028	-.5757	.1091	.3233	13.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0238	-.0102	-.4534	.2889	5.346	-7.060
Stddev	.0388	.1376	.0932	.6358	4.718	28.12
%RSD	162.9	1354.	20.56	220.1	88.25	398.3

#1	-.0121	.0833	-.4776	-.4385	1.502	25.40
#2	-.0671	.0543	-.5320	.7383	10.61	-24.04
#3	.0078	-.1681	-.3504	.5669	3.925	-22.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.119	.1103	23.44	.1393	-.5286	.6754
Stddev	1.872	.0331	6.10	.2412	1.280	.4519
%RSD	60.02	29.99	26.02	173.1	242.2	66.91
#1	4.759	.1206	27.50	.4129	-1.787	.2245
#2	1.079	.0733	26.39	-.0427	.7724	.6735
#3	3.520	.1371	16.43	.0479	-.5709	1.128

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.376	-.2296	.0282	2.176	-.0020	.4175
Stddev	.426	1.063	.3622	.078	.2029	.0867
%RSD	30.97	463.2	1284.	3.564	10120.	20.76
#1	-.8963	.7248	-.1706	2.250	-.2022	.3607
#2	-1.711	-1.376	-.1911	2.184	.2035	.5172
#3	-1.520	-.0375	.4462	2.095	-.0073	.3745

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0747	.0689	-.0569
Stddev	.3389	.0427	.9056
%RSD	453.6	61.89	1591.

#1	-.2461	.0598	.1968
#2	.3157	.1154	.6947
#3	-.2937	.0316	-1.062

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2145.6	42164.	4606.6
Stddev	3.2	78.	9.3
%RSD	.15090	.18426	.20139

#1	2141.8	42144.	4611.5
#2	2147.6	42099.	4595.9
#3	2147.3	42250.	4612.3

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36840.	451.9	135.2	871.1	363.3	47120.
Stddev	104.	1.2	.4	.2	1.5	115.
%RSD	.2827	.2667	.2653	.0228	.4101	.2430

#1	36910.	450.9	135.6	870.8	362.9	47120.
#2	36890.	451.6	134.9	871.2	365.0	47230.
#3	36720.	453.3	135.1	871.2	362.1	47000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	278.7	435.8	1131.	799.7	84050.	18340.
Stddev	.3	.3	1.	2.9	107.	33.
%RSD	.1159	.0620	.1235	.3622	.1270	.1814

#1	279.1	436.1	1130.	796.4	83940.	18350.
#2	278.4	435.7	1130.	801.3	84060.	18370.
#3	278.6	435.6	1132.	801.5	84150.	18300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17190.	2754.	4321.	643.2	392.3	871.7
Stddev	39.	3.	19.	.3	2.4	.7
%RSD	.2253	.1270	.4361	.0509	.5991	.0783
#1	17190.	2753.	4333.	643.6	389.7	872.4
#2	17150.	2752.	4332.	642.9	394.2	871.0
#3	17230.	2758.	4300.	643.1	393.1	871.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	594.2	533.7	2662.	612.3	243.1
Stddev	1.	.4	.7	3.	1.2	.4
%RSD	.0982	.0742	.1281	.1001	.1950	.1683
#1	1242.	594.1	533.2	2665.	611.4	243.1
#2	1239.	594.7	533.4	2660.	611.8	243.6
#3	1241.	593.8	534.5	2660.	613.6	242.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	485.3	1040.	1772.
Stddev	1.4	2.	5.
%RSD	.2827	.1831	.2876

#1	485.9	1041.	1774.
#2	486.2	1042.	1776.
#3	483.7	1038.	1766.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2236.6	43002.	4897.3
Stddev	1.0	182.	15.9
%RSD	.04345	.42255	.32449

#1	2235.6	42802.	4903.4
#2	2236.9	43158.	4879.3
#3	2237.4	43045.	4909.2

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54690.	35.62	-.7096	289.6	2.748	107000.
Stddev	155.	1.26	.4750	1.3	.125	222.
%RSD	.2842	3.548	66.95	.4657	4.531	.2077

#1	54720.	35.75	-1.088	290.1	2.863	106800.
#2	54520.	36.81	-.8635	290.6	2.765	107000.
#3	54830.	34.29	-.1766	288.1	2.616	107200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2186	56.66	80.90	141.8	141900.	4004.
Stddev	.1179	.27	.38	3.0	259.	29.
%RSD	53.96	.4794	.4703	2.086	.1827	.7315

#1	-.3172	56.35	80.83	138.4	141600.	3984.
#2	-.0879	56.87	81.31	143.1	142100.	4038.
#3	-.2506	56.75	80.56	143.9	141800.	3991.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29790.	2858.	2043.	124.9	67.78	.5407
Stddev	53.	6.	15.	.3	1.62	1.875
%RSD	.1792	.2084	.7332	.2219	2.394	346.8

#1	29760.	2861.	2034.	124.6	67.65	2.588
#2	29850.	2861.	2061.	125.2	66.23	-1.093
#3	29750.	2851.	2036.	125.0	69.47	.1271

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.626	-8.814	78.24	394.6	.7954	1.709
Stddev	3.380	1.315	.22	1.2	.3886	.115
%RSD	128.7	14.92	.2784	.3115	48.86	6.708

#1	-6.477	-9.983	77.99	393.5	1.231	1.621
#2	-1.249	-7.390	78.35	394.5	.6718	1.838
#3	-.1514	-9.069	78.38	395.9	.4836	1.666

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.340	299.2	179.2
Stddev	.507	.9	.8
%RSD	21.67	.2888	.4696

#1	2.130	299.0	179.0
#2	1.971	298.4	178.4
#3	2.918	300.1	180.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2223.5	42650.	4919.5
Stddev	6.8	57.	6.0
%RSD	.30444	.13436	.12206

#1	2231.0	42639.	4922.6
#2	2221.7	42600.	4923.2
#3	2217.9	42713.	4912.5

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50280.	29.62	-.4284	277.8	2.709	61560.
Stddev	126.	1.10	.1712	1.5	.018	155.
%RSD	.2503	3.696	39.96	.5538	.6492	.2515
#1	50210.	30.72	-.3115	279.4	2.724	61610.
#2	50210.	28.53	-.3489	277.5	2.714	61380.
#3	50430.	29.60	-.6249	276.4	2.690	61680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3124	61.75	72.56	143.2	134200.	3392.
Stddev	.1438	.20	.16	1.8	135.	54.
%RSD	46.03	.3196	.2174	1.289	.1007	1.582
#1	-.3995	61.65	72.41	142.6	134100.	3334.
#2	-.1464	61.62	72.54	145.3	134300.	3402.
#3	-.3914	61.97	72.72	141.8	134100.	3440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25860.	3288.	1156.	125.1	55.76	-1.532
Stddev	25.	8.	17.	.3	.56	2.869
%RSD	.0948	.2285	1.502	.2415	1.002	187.2
#1	25830.	3287.	1138.	124.9	55.38	1.757
#2	25870.	3281.	1172.	125.4	55.51	-3.517
#3	25870.	3296.	1157.	124.8	56.41	-2.836

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.905	-8.916	72.73	373.7	.2687	1.261
Stddev	2.025	1.904	.66	.1	.1827	.209
%RSD	51.86	21.35	.9037	.0350	67.97	16.55
#1	-3.108	-10.73	73.28	373.7	.0591	1.188
#2	-6.208	-6.935	72.90	373.9	.3533	1.099
#3	-2.400	-9.082	72.00	373.7	.3938	1.496

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.712	210.9	153.0
Stddev	.636	.7	.5
%RSD	23.46	.3088	.3455

#1	2.687	211.7	152.4
#2	3.360	210.4	153.3
#3	2.088	210.8	153.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2226.2	42994.	4888.7
Stddev	7.1	73.	10.8
%RSD	.31718	.16913	.22109

#1	2234.2	43076.	4895.9
#2	2223.6	42970.	4893.8
#3	2220.8	42936.	4876.2

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56570.	28.93	-.1516	288.2	2.844	131300.
Stddev	313.	.71	.4235	.4	.028	911.
%RSD	.5527	2.441	279.4	.1501	.9845	.6937
#1	56220.	29.63	-.0071	288.5	2.875	130300.
#2	56820.	28.95	-.6284	288.4	2.838	131600.
#3	56670.	28.21	.1809	287.7	2.820	132000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2318	61.53	84.38	150.3	150700.	4220.
Stddev	.0491	.28	.23	3.7	217.	17.
%RSD	21.17	.4494	.2696	2.432	.1437	.4046
#1	-.2104	61.84	84.12	146.8	150500.	4203.
#2	-.1971	61.29	84.48	150.0	150900.	4237.
#3	-.2880	61.47	84.54	154.1	150800.	4219.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29450.	3242.	1895.	138.2	78.83	-1.835
Stddev	134.	19.	19.	.5	1.79	1.705
%RSD	.4536	.5884	1.006	.3879	2.265	92.90

#1	29310.	3223.	1875.	138.0	76.80	-2.792
#2	29440.	3242.	1913.	138.8	79.51	.1332
#3	29580.	3261.	1897.	137.7	80.17	-2.847

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.980	-9.272	81.23	352.3	.7342	1.323
Stddev	1.050	2.514	.34	.7	.2927	.092
%RSD	21.08	27.11	.4224	.1931	39.86	6.929

#1	-4.115	-9.071	80.84	352.8	.6304	1.247
#2	-4.677	-6.864	81.48	352.6	.5076	1.425
#3	-6.149	-11.88	81.37	351.6	1.065	1.297

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.271	423.9	199.1
Stddev	.542	2.5	2.5
%RSD	23.89	.5946	1.250

#1	2.665	421.0	201.0
#2	2.496	425.2	199.9
#3	1.653	425.5	196.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2214.0	42154.	4855.4
Stddev	6.5	201.	10.4
%RSD	.29498	.47775	.21432

#1	2207.8	42324.	4865.3
#2	2213.4	42206.	4856.4
#3	2220.8	41932.	4844.6

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47200.	25.62	-.6873	273.2	2.357	109900.
Stddev	136.	1.53	.2192	1.2	.059	388.
%RSD	.2882	5.992	31.88	.4497	2.482	.3534
#1	47100.	26.57	-.5059	272.1	2.348	109500.
#2	47140.	26.45	-.6253	273.0	2.303	109900.
#3	47350.	23.85	-.9308	274.5	2.419	110200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1984	52.01	69.01	120.8	123900.	3470.
Stddev	.0383	.24	.26	3.3	3.	17.
%RSD	19.29	.4695	.3826	2.763	.0025	.4968
#1	-.2354	51.79	68.74	121.7	123900.	3452.
#2	-.1590	52.27	69.02	117.1	123900.	3486.
#3	-.2008	51.97	69.27	123.6	123900.	3471.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25100.	2533.	517.0	112.1	54.77	-2.393
Stddev	24.	5.	21.7	.6	.36	1.836
%RSD	.0951	.1880	4.199	.5681	.6579	76.75
#1	25120.	2538.	520.3	111.3	54.42	-3.612
#2	25090.	2532.	536.8	112.4	55.14	-3.285
#3	25080.	2529.	493.8	112.4	54.76	-.2805

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9804	-10.88	66.25	310.2	1.596	.9241
Stddev	2.114	1.03	.26	1.9	.622	.1956
%RSD	215.7	9.500	.3905	.6264	39.00	21.17
#1	-3.401	-9.684	66.55	308.2	.9127	1.071
#2	-.0488	-11.46	66.06	310.5	1.744	.9997
#3	.5082	-11.48	66.16	312.0	2.130	.7020

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.789	299.7	152.5
Stddev	.695	1.1	2.1
%RSD	24.92	.3628	1.387

#1	3.406	298.9	150.9
#2	2.925	299.4	151.6
#3	2.036	301.0	154.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2193.2	42119.	4835.3
Stddev	7.7	235.	6.3
%RSD	.35154	.55680	.13059

#1	2201.7	41892.	4829.5
#2	2191.4	42106.	4842.0
#3	2186.6	42360.	4834.4

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49120.	27.79	.0403	262.6	2.497	40230.
Stddev	129.	.98	.4878	1.3	.113	134.
%RSD	.2618	3.515	1209.	.4938	4.533	.3324

#1	49010.	27.80	-.2672	262.2	2.615	40160.
#2	49080.	28.77	-.2146	264.1	2.488	40140.
#3	49260.	26.82	.6028	261.6	2.389	40380.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2454	49.61	73.44	129.5	136800.	3570.
Stddev	.1064	.29	.10	2.3	279.	17.
%RSD	43.37	.5934	.1312	1.739	.2038	.4625

#1	-.2531	49.53	73.33	131.5	136400.	3575.
#2	-.1353	49.93	73.49	127.1	136900.	3552.
#3	-.3477	49.36	73.50	129.9	136900.	3584.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24790.	2583.	675.5	117.1	69.98	-3.005
Stddev	37.	6.	5.4	.5	.72	1.047
%RSD	.1498	.2399	.7964	.4153	1.029	34.83

#1	24750.	2577.	672.0	117.3	69.21	-3.438
#2	24800.	2582.	672.9	117.4	70.12	-3.766
#3	24830.	2589.	681.7	116.5	70.63	-1.812

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.936	-6.836	71.08	337.8	1.309	1.097
Stddev	4.900	1.888	.76	.7	.248	.364
%RSD	99.25	27.62	1.070	.2160	18.95	33.18

#1	-8.856	-8.888	70.20	337.9	1.070	1.180
#2	.5567	-5.172	71.53	338.4	1.293	.6985
#3	-6.510	-6.449	71.50	337.0	1.565	1.412

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.597	142.8	195.1
Stddev	.719	.7	.6
%RSD	27.70	.4780	.3076

#1	1.865	142.3	194.5
#2	3.303	142.6	195.6
#3	2.623	143.6	195.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2230.7	43159.	4858.2
Stddev	5.6	144.	14.9
%RSD	.25044	.33393	.30580

#1	2227.6	43318.	4846.5
#2	2227.3	43037.	4853.2
#3	2237.1	43122.	4874.9

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5910.	4.979	-.7620	13.70	.1994	106.7
Stddev	46.	1.828	.5590	.06	.1831	8.1
%RSD	.7796	36.71	73.35	.4675	91.83	7.573

#1	5859.	3.353	-1.220	13.75	.3712	110.2
#2	5923.	4.628	-.1393	13.63	.0067	112.4
#3	5948.	6.957	-.9265	13.73	.2203	97.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0279	.5129	16.03	5.228	12360.	453.7
Stddev	.0330	.2893	.27	2.560	12.	19.3
%RSD	118.4	56.40	1.704	48.97	.0930	4.262

#1	.0022	.7671	15.80	7.770	12350.	474.0
#2	-.0227	.5735	16.33	5.263	12360.	451.5
#3	-.0632	.1981	15.96	2.650	12370.	435.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	416.9	55.01	16.05	2.638	65.76	.7903
Stddev	3.7	.06	19.49	.316	.67	2.107
%RSD	.8760	.1020	121.4	11.99	1.014	266.7

#1	417.7	54.96	21.40	2.284	65.77	2.932
#2	413.0	55.01	32.31	2.893	65.09	.7197
#3	420.1	55.07	-5.555	2.735	66.42	-1.281

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.185	-1.403	25.00	15.56	1.279	2.283
Stddev	2.001	1.406	.26	.19	.361	.036
%RSD	168.9	100.2	1.035	1.242	28.26	1.597

#1	.7908	.0711	24.79	15.35	1.610	2.262
#2	-1.135	-2.728	25.29	15.73	.8936	2.262
#3	-3.210	-1.552	24.93	15.60	1.332	2.325

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.577	2.293	293.6
Stddev	.178	.188	1.1
%RSD	4.972	8.200	.3870

#1	3.582	2.131	292.4
#2	3.751	2.499	294.7
#3	3.396	2.248	293.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2194.2	42754.	4664.5
Stddev	1.3	79.	8.8
%RSD	.05873	.18499	.18873

#1	2192.8	42843.	4658.6
#2	2194.7	42690.	4674.6
#3	2195.2	42729.	4660.3

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12420.	4.950	-.8693	53.63	.4640	1755.
Stddev	71.	.416	.4784	.19	.0792	13.
%RSD	.5691	8.408	55.02	.3534	17.06	.7336
#1	12340.	5.029	-1.315	53.78	.4984	1743.
#2	12460.	4.500	-.3641	53.42	.5202	1753.
#3	12470.	5.321	-.9286	53.70	.3735	1768.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1114	2.310	23.82	7.820	18460.	817.3
Stddev	.0286	.120	.47	1.303	54.	23.7
%RSD	25.71	5.210	1.971	16.67	.2919	2.900
#1	.1256	2.385	23.27	6.481	18470.	837.6
#2	.0784	2.375	24.10	7.895	18400.	823.1
#3	.1302	2.171	24.07	9.085	18510.	791.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1034.	109.3	24.54	7.347	28.73	-.9546
Stddev	1.	.3	15.81	.267	.73	1.403
%RSD	.1015	.2406	64.40	3.640	2.546	146.9

#1	1034.	109.1	14.77	7.640	28.27	-.2775
#2	1033.	109.2	42.78	7.284	28.35	-2.567
#3	1035.	109.6	16.08	7.117	29.58	-.0190

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4319	.7520	31.19	33.57	.9749	2.461
Stddev	2.627	2.137	.60	.32	.3826	.057
%RSD	608.2	284.1	1.936	.9460	39.25	2.333

#1	-3.430	2.370	30.80	33.21	1.287	2.440
#2	.6666	1.556	30.88	33.74	1.089	2.526
#3	1.467	-1.670	31.88	33.77	.5481	2.417

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.632	6.331	320.0
Stddev	.411	.048	2.1
%RSD	25.17	.7620	.6444

#1	1.161	6.320	318.0
#2	1.912	6.289	320.0
#3	1.823	6.384	322.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2205.8	42784.	4728.6
Stddev	1.6	225.	15.8
%RSD	.07301	.52495	.33333

#1	2206.8	42585.	4745.8
#2	2206.6	43027.	4725.3
#3	2203.9	42738.	4714.7

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13590.	5.987	-.3548	60.09	.2771	3860.
Stddev	59.	2.282	.2418	.07	.1052	33.
%RSD	.4358	38.11	68.16	.1246	37.97	.8478

#1	13520.	5.983	-.0762	60.03	.1608	3824.
#2	13600.	8.272	-.4774	60.17	.3047	3869.
#3	13640.	3.708	-.5108	60.07	.3657	3887.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1955	1.338	21.93	4.909	16300.	505.1
Stddev	.0049	.113	.05	2.551	75.	19.1
%RSD	2.485	8.469	.2138	51.96	.4623	3.779

#1	.1983	1.277	21.93	7.841	16260.	484.8
#2	.1983	1.469	21.97	3.684	16250.	522.6
#3	.1899	1.269	21.88	3.202	16390.	508.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	924.5	92.39	16.94	5.876	36.26	-.1537
Stddev	4.3	.35	15.68	.221	1.01	1.095
%RSD	.4658	.3753	92.57	3.755	2.775	712.4
#1	923.1	92.00	21.24	5.729	37.34	1.061
#2	921.1	92.65	30.01	5.769	35.34	-1.066
#3	929.4	92.53	-.4424	6.130	36.09	-.4562

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.415	-2.116	34.07	35.42	1.848	2.070
Stddev	.371	.658	.61	.14	.519	.158
%RSD	26.23	31.10	1.787	.3822	28.07	7.649
#1	1.076	-2.458	33.37	35.54	1.992	2.151
#2	1.811	-2.532	34.48	35.27	2.279	2.171
#3	1.357	-1.357	34.36	35.44	1.272	1.887

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.273	8.073	285.2
Stddev	.187	.072	2.1
%RSD	8.234	.8947	.7402

#1	2.099	7.989	284.6
#2	2.248	8.114	287.6
#3	2.471	8.114	283.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2192.6	42792.	4703.1
Stddev	.4	97.	24.0
%RSD	.01774	.22737	.51119

#1	2192.9	42722.	4680.7
#2	2192.8	42750.	4700.2
#3	2192.2	42903.	4728.5

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119400.	2341.	1196.	9540.	965.4	121700.
Stddev	113.	7.	2.	22.	1.7	584.
%RSD	.0944	.2976	.1724	.2338	.1777	.4801

#1	119500.	2346.	1195.	9522.	967.4	122400.
#2	119400.	2344.	1198.	9565.	964.3	121400.
#3	119300.	2333.	1194.	9532.	964.6	121300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1187.	2369.	4875.	12060.	97430.	47660.
Stddev	3.	6.	4.	24.	95.	246.
%RSD	.2492	.2414	.0907	.2013	.0979	.5155

#1	1185.	2365.	4872.	12090.	97370.	47910.
#2	1191.	2376.	4880.	12040.	97540.	47660.
#3	1186.	2366.	4873.	12070.	97390.	47420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122300.	4987.	118300.	2379.	7135.	943.1
Stddev	96.	5.	206.	5.	19.	3.9
%RSD	.0789	.0969	.1741	.1943	.2658	.4107
#1	122300.	4983.	118500.	2376.	7120.	942.1
#2	122400.	4992.	118300.	2385.	7156.	947.4
#3	122200.	4986.	118100.	2377.	7128.	939.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2350.	2385.	2413.	2378.	949.1	2390.
Stddev	11.	7.	3.	6.	3.8	7.
%RSD	.4555	.3068	.1417	.2467	.3971	.2940
#1	2340.	2380.	2409.	2377.	945.1	2383.
#2	2361.	2394.	2416.	2385.	952.6	2397.
#3	2348.	2382.	2414.	2373.	949.7	2390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	950.8	4864.	9580.
Stddev	3.5	10.	6.
%RSD	.3635	.2001	.0620

#1	949.0	4876.	9587.
#2	954.8	4859.	9577.
#3	948.6	4859.	9576.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1961.1	38371.	4487.0
Stddev	5.4	55.	22.3
%RSD	.27322	.14228	.49737

#1	1966.9	38416.	4467.0
#2	1956.4	38310.	4511.0
#3	1959.9	38386.	4482.9

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.54	-.2737	-.1291	.4134	.1728	14.94
Stddev	9.70	2.253	.4951	.1401	.0667	4.49
%RSD	66.75	823.4	383.6	33.89	38.62	30.06

#1	13.67	-1.952	-.6885	.5147	.2383	10.58
#2	24.64	2.287	.2524	.4718	.1049	14.70
#3	5.297	-1.157	.0489	.2535	.1753	19.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0272	.3355	.0465	3.020	5.945	-10.31
Stddev	.0968	.1690	.1350	2.378	4.231	13.13
%RSD	355.5	50.38	290.1	78.74	71.16	127.3

#1	.1359	.4970	.1650	5.763	7.566	-.6541
#2	-.0498	.1598	.0751	1.742	9.126	-25.26
#3	-.0044	.3497	-.1005	1.554	1.144	-5.025

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.071	.3235	34.94	.2620	.2762	2.427
Stddev	3.949	.0850	18.28	.2223	.3812	1.961
%RSD	43.54	26.26	52.33	84.84	138.0	80.80

#1	10.58	.3393	51.90	.4852	-.1632	.1714
#2	12.05	.3995	37.33	.0407	.5171	3.382
#3	4.590	.2318	15.58	.2601	.4748	3.727

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.656	-.8855	.2700	-.2346	-.2419	.8294
Stddev	.337	2.736	.1311	.0668	1.016	.3202
%RSD	20.37	308.9	48.55	28.46	420.0	38.61

#1	1.984	1.619	.3359	-.2436	.8104	1.184
#2	1.673	-.4707	.3551	-.1638	-1.217	.7417
#3	1.310	-3.805	.1191	-.2964	-.3193	.5622

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.079	.3778	1.206
Stddev	.884	.1615	1.268
%RSD	81.96	42.74	105.2

#1	.6733	.4336	2.670
#2	2.093	.5039	.5030
#3	.4702	.1958	.4451

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2169.0	41911.	4607.4
Stddev	3.2	142.	34.8
%RSD	.14680	.33779	.75437

#1	2165.6	41979.	4633.5
#2	2169.5	41748.	4568.0
#3	2171.9	42005.	4620.8

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10520.	40.99	-.4407	116.7	.5204	1061.
Stddev	15.	2.23	.0488	.3	.0708	15.
%RSD	.1447	5.443	11.07	.2959	13.60	1.380

#1	10520.	38.57	-.4078	116.5	.4991	1073.
#2	10500.	42.96	-.4967	117.1	.5994	1064.
#3	10530.	41.45	-.4176	116.4	.4628	1045.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.286	14.18	30.89	199.2	40690.	654.1
Stddev	.094	.22	.08	1.8	81.	34.6
%RSD	4.089	1.577	.2430	.8961	.1989	5.295

#1	2.194	14.44	30.95	197.6	40600.	687.5
#2	2.381	14.03	30.80	201.1	40720.	618.3
#3	2.284	14.08	30.91	198.8	40760.	656.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	481.4	78.91	66.67	18.27	1361.	18.06
Stddev	.8	.06	12.44	.14	2.	.81
%RSD	.1660	.0790	18.67	.7709	.1536	4.486

#1	481.8	78.84	66.82	18.16	1359.	18.99
#2	480.5	78.96	79.03	18.43	1363.	17.54
#3	481.9	78.94	54.14	18.23	1362.	17.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.299	-2.936	86.59	41.50	2.333	4.018
Stddev	1.046	1.339	.17	.13	.346	.111
%RSD	45.49	45.60	.1929	.3131	14.83	2.752

#1	1.819	-1.959	86.78	41.36	2.452	4.035
#2	3.498	-4.462	86.51	41.51	1.943	4.119
#3	1.579	-2.387	86.48	41.62	2.603	3.900

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	21.51	18.41	309.6
Stddev	1.06	.13	.4
%RSD	4.941	.6855	.1353

#1	20.92	18.44	310.0
#2	20.87	18.28	309.2
#3	22.74	18.53	309.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2224.0	43060.	4810.2
Stddev	4.8	229.	14.8
%RSD	.21455	.53192	.30772

#1	2220.0	42955.	4796.7
#2	2222.6	43323.	4807.8
#3	2229.3	42903.	4826.0

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13340.	30.26	-.4293	75.55	.9795	2940.
Stddev	22.	1.62	.4129	.26	.0730	17.
%RSD	.1632	5.367	96.16	.3460	7.455	.5879

#1	13320.	30.61	-.7916	75.71	.9565	2938.
#2	13360.	31.69	-.5166	75.69	.9208	2957.
#3	13340.	28.49	.0202	75.25	1.061	2923.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.301	5.806	42.44	109.8	35240.	1051.
Stddev	.059	.061	.30	2.6	161.	18.
%RSD	2.567	1.058	.7094	2.385	.4555	1.747

#1	2.360	5.877	42.57	108.4	35360.	1039.
#2	2.301	5.768	42.10	108.1	35060.	1042.
#3	2.242	5.773	42.65	112.8	35300.	1072.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1874.	196.4	45.36	18.62	2030.	44.47
Stddev	10.	.9	21.60	.33	7.	.97
%RSD	.5329	.4733	47.62	1.787	.3379	2.171
#1	1880.	196.9	51.84	19.00	2032.	43.55
#2	1862.	195.3	21.26	18.37	2036.	44.39
#3	1880.	197.0	62.97	18.48	2023.	45.48

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.663	-3.542	67.12	92.45	2.323	2.862
Stddev	2.372	1.255	.53	.34	.276	.236
%RSD	142.6	35.43	.7911	.3679	11.89	8.258
#1	.7243	-4.067	67.71	92.46	2.591	2.659
#2	-1.694	-2.110	66.67	92.78	2.039	2.806
#3	-4.020	-4.450	66.99	92.10	2.340	3.121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	20.96	19.60	273.7
Stddev	.79	.08	1.8
%RSD	3.783	.4121	.6605

#1	20.09	19.61	275.6
#2	21.64	19.68	272.0
#3	21.14	19.52	273.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2233.5	43322.	4776.2
Stddev	7.0	173.	36.2
%RSD	.31289	.40043	.75701

#1	2229.8	43249.	4781.4
#2	2229.2	43520.	4737.7
#3	2241.6	43196.	4809.4

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12200.	33.10	-.5996	58.63	.8194	3239.
Stddev	67.	1.12	.5414	.25	.0802	17.
%RSD	.5525	3.387	90.29	.4249	9.786	.5228
#1	12230.	34.38	.0110	58.77	.8079	3223.
#2	12250.	32.28	-1.021	58.34	.7456	3257.
#3	12120.	32.66	-.7889	58.77	.9048	3239.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.822	5.970	45.56	55.46	32900.	1214.
Stddev	.075	.167	.32	.38	117.	38.
%RSD	2.674	2.799	.7085	.6885	.3540	3.095
#1	2.869	6.053	45.89	55.57	32800.	1185.
#2	2.735	6.080	45.24	55.77	32860.	1201.
#3	2.861	5.778	45.54	55.03	33030.	1256.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2277.	191.5	50.44	18.27	2651.	76.24
Stddev	13.	.7	21.14	.21	1.	.38
%RSD	.5777	.3749	41.92	1.139	.0379	.5013

#1	2264.	190.7	49.56	18.15	2651.	76.63
#2	2276.	191.5	29.75	18.15	2652.	76.23
#3	2290.	192.2	72.01	18.51	2650.	75.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7479	-1.772	56.26	96.34	2.578	2.937
Stddev	1.261	1.864	.64	.22	.344	.149
%RSD	168.6	105.2	1.134	.2274	13.36	5.075

#1	-.6321	-3.062	56.30	96.44	2.975	2.991
#2	1.839	.3644	55.61	96.48	2.363	2.769
#3	1.036	-2.619	56.88	96.08	2.395	3.052

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	26.65	15.54	247.7
Stddev	.32	.04	2.0
%RSD	1.202	.2420	.8135

#1	26.50	15.50	249.4
#2	26.43	15.53	248.2
#3	27.02	15.58	245.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2240.4	42885.	4791.3
Stddev	7.2	70.	29.1
%RSD	.32075	.16248	.60637

#1	2233.1	42939.	4782.5
#2	2247.4	42910.	4767.7
#3	2240.9	42806.	4823.8

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23100.	25.65	-.7361	185.3	1.811	5756.
Stddev	118.	1.40	.2288	.6	.028	18.
%RSD	.5104	5.442	31.08	.3117	1.516	.3127

#1	23000.	25.46	-.7837	184.7	1.841	5736.
#2	23060.	27.13	-.4872	185.4	1.788	5761.
#3	23230.	24.36	-.9372	185.9	1.803	5771.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.286	6.340	37.65	85.47	17430.	1130.
Stddev	.162	.068	.54	1.56	34.	29.
%RSD	1.739	1.069	1.441	1.824	.1926	2.587

#1	9.122	6.307	37.05	84.42	17390.	1131.
#2	9.291	6.296	38.09	87.26	17440.	1159.
#3	9.445	6.418	37.83	84.73	17450.	1101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1706.	100.8	179.2	24.85	1906.	31.48
Stddev	9.	.1	5.6	.31	9.	1.00
%RSD	.5452	.0837	3.149	1.246	.4894	3.168
#1	1695.	100.8	175.9	24.89	1898.	30.39
#2	1711.	100.8	176.0	25.14	1905.	31.71
#3	1711.	100.7	185.7	24.52	1916.	32.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.165	-1.770	62.36	72.57	2.429	2.636
Stddev	3.239	1.472	.19	.30	.359	.122
%RSD	77.78	83.18	.3012	.4080	14.79	4.613
#1	.4662	-.6695	62.16	72.42	2.696	2.776
#2	5.531	-1.198	62.38	72.37	2.020	2.553
#3	6.497	-3.442	62.53	72.91	2.569	2.579

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	14.13	28.96	126.8
Stddev	.28	.19	.7
%RSD	1.961	.6428	.5424

#1	14.24	28.75	126.1
#2	13.81	29.02	127.5
#3	14.33	29.10	126.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2279.7	44079.	4964.0
Stddev	5.8	240.	3.4
%RSD	.25265	.54546	.06807

#1	2281.9	43905.	4963.6
#2	2284.0	43980.	4960.8
#3	2273.2	44353.	4967.6

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6544.	19.47	.0586	89.05	.3667	620.1
Stddev	28.	1.21	.8179	.34	.0058	12.3
%RSD	.4250	6.186	1396.	.3774	1.576	1.989

#1	6514.	19.30	-.1895	88.67	.3732	606.7
#2	6548.	20.76	-.6066	89.18	.3649	630.9
#3	6570.	18.37	.9718	89.30	.3621	622.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.204	4.593	18.08	104.9	23970.	327.0
Stddev	.115	.118	.16	3.1	46.	47.7
%RSD	9.509	2.577	.8965	2.918	.1921	14.60

#1	1.110	4.665	18.06	107.2	23920.	356.5
#2	1.332	4.457	18.25	106.2	23980.	271.9
#3	1.170	4.659	17.92	101.4	24010.	352.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 {57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	355.9	41.68	49.56	12.16	763.9	16.23
Stddev	5.1	.04	7.49	.15	3.8	.23
%RSD	1.425	.1052	15.11	1.260	.4986	1.419

#1	361.6	41.68	47.90	12.13	759.7	16.47
#2	354.0	41.64	57.74	12.03	764.9	16.01
#3	352.0	41.72	43.05	12.33	767.1	16.23

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.707	.3308	50.15	26.91	.7445	2.072
Stddev	.840	1.150	.52	.19	.3052	.038
%RSD	31.03	347.5	1.036	.6950	40.99	1.852

#1	2.272	1.070	50.60	26.73	.9054	2.042
#2	3.676	.9165	50.26	26.91	.9355	2.115
#3	2.174	-.9936	49.58	27.10	.3926	2.058

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	16.15	10.91	196.1
Stddev	.82	.13	1.4
%RSD	5.051	1.180	.6954

#1	15.78	10.82	197.2
#2	15.59	11.05	194.6
#3	17.09	10.85	196.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2213.1	43157.	4769.1
Stddev	7.2	112.	25.7
%RSD	.32665	.26037	.53938

#1	2221.0	43030.	4760.5
#2	2206.8	43243.	4798.0
#3	2211.5	43199.	4748.8

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13670.	31.96	-.6375	44.79	.9103	2150.
Stddev	10.	1.38	.6748	.14	.1305	15.
%RSD	.0731	4.312	105.9	.3031	14.33	.7127

#1	13680.	31.83	-1.290	44.65	.9141	2132.
#2	13660.	33.39	-.6809	44.83	.7780	2160.
#3	13660.	30.65	.0580	44.91	1.039	2158.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.815	6.788	54.18	35.99	36200.	1297.
Stddev	.093	.312	.37	.45	107.	17.
%RSD	5.127	4.598	.6912	1.249	.2952	1.330

#1	1.803	6.918	54.62	36.44	36130.	1286.
#2	1.728	6.432	54.00	35.97	36150.	1288.
#3	1.913	7.014	53.94	35.55	36330.	1317.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2468.	230.1	127.5	20.66	2994.	84.22
Stddev	11.	.4	9.8	.29	11.	.33
%RSD	.4261	.1578	7.698	1.420	.3810	.3888

#1	2465.	230.0	130.7	20.42	2981.	84.35
#2	2459.	229.9	116.5	20.99	2997.	84.46
#3	2479.	230.6	135.3	20.58	3003.	83.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9451	-.1258	61.50	165.8	2.146	2.394
Stddev	1.272	1.018	.22	.6	.348	.120
%RSD	134.6	809.4	.3600	.3768	16.23	5.016

#1	.4774	.1101	61.72	165.1	1.992	2.262
#2	-1.341	-1.242	61.51	166.4	1.901	2.496
#3	-1.971	.7540	61.28	165.8	2.545	2.426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	19.90	12.72	294.7
Stddev	.95	.13	1.4
%RSD	4.782	1.015	.4732

#1	19.50	12.58	295.2
#2	20.99	12.76	293.2
#3	19.22	12.83	295.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2225.5	43003.	4745.1
Stddev	3.1	109.	9.7
%RSD	.13975	.25425	.20403

#1	2224.9	42895.	4736.0
#2	2222.8	43114.	4744.0
#3	2228.9	42999.	4755.3

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10760.	80.31	-.6891	55.17	.6059	939.0
Stddev	43.	2.78	.9723	.30	.1193	1.6
%RSD	.4036	3.461	141.1	.5516	19.69	.1750

#1	10740.	77.12	-.5714	54.85	.5234	939.5
#2	10730.	81.59	.2190	55.23	.5517	937.1
#3	10810.	82.22	-1.715	55.45	.7427	940.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.025	4.354	34.80	40.20	30370.	1019.
Stddev	.059	.265	.43	2.09	53.	5.
%RSD	5.758	6.078	1.243	5.208	.1756	.5274

#1	.9793	4.397	34.34	41.91	30320.	1016.
#2	1.005	4.071	34.86	37.87	30350.	1025.
#3	1.092	4.595	35.20	40.82	30430.	1015.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1410.	100.2	94.49	11.09	3445.	217.0
Stddev	2.	.1	1.61	.13	16.	1.2
%RSD	.1386	.1119	1.707	1.145	.4525	.5669

#1	1411.	100.3	94.53	10.94	3432.	218.0
#2	1410.	100.1	96.08	11.17	3441.	217.5
#3	1408.	100.3	92.86	11.16	3462.	215.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1158	-1.622	52.07	71.11	1.502	2.822
Stddev	2.428	.972	.22	.55	.167	.173
%RSD	2098.	59.91	.4309	.7787	11.11	6.114

#1	2.543	-.5027	51.88	70.47	1.673	2.823
#2	-2.314	-2.112	52.00	71.38	1.339	2.649
#3	.1178	-2.251	52.32	71.47	1.495	2.995

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	35.23	7.998	234.7
Stddev	1.06	.110	1.8
%RSD	2.998	1.369	.7779

#1	34.13	7.954	235.3
#2	35.34	7.918	232.7
#3	36.23	8.123	236.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2219.3	43055.	4757.6
Stddev	2.7	122.	22.3
%RSD	.12338	.28330	.46852

#1	2222.4	42914.	4754.3
#2	2218.3	43134.	4781.4
#3	2217.1	43117.	4737.2

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15680.	40.34	-.9168	96.61	1.192	5798.
Stddev	43.	2.28	.3490	.35	.048	25.
%RSD	.2771	5.643	38.06	.3632	4.038	.4276

#1	15710.	38.17	-.5160	96.28	1.211	5779.
#2	15700.	40.14	-1.081	96.56	1.137	5826.
#3	15630.	42.71	-1.153	96.98	1.228	5789.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.015	8.401	60.50	114.5	44500.	1563.
Stddev	.113	.369	.24	3.2	83.	14.
%RSD	2.801	4.393	.4010	2.798	.1860	.8780

#1	4.045	8.781	60.35	112.8	44460.	1548.
#2	3.890	8.378	60.37	118.2	44440.	1572.
#3	4.109	8.044	60.78	112.6	44590.	1570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3256.	321.0	72.51	33.05	3187.	73.65
Stddev	4.	.8	8.53	.46	13.	1.41
%RSD	.1224	.2372	11.76	1.400	.4122	1.913

#1	3253.	320.6	69.20	32.88	3176.	75.12
#2	3260.	320.5	66.14	32.70	3185.	72.31
#3	3255.	321.9	82.20	33.58	3202.	73.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.032	-2.670	78.54	138.7	3.462	5.185
Stddev	.233	1.665	.06	.7	.368	.118
%RSD	22.59	62.34	.0765	.4967	10.62	2.277

#1	1.072	-.7811	78.51	138.3	3.884	5.275
#2	1.243	-3.307	78.61	138.2	3.208	5.228
#3	.7814	-3.922	78.50	139.5	3.295	5.051

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	31.54	30.55	313.1
Stddev	.71	.14	1.5
%RSD	2.250	.4449	.4650

#1	30.74	30.67	314.8
#2	32.10	30.58	312.2
#3	31.78	30.40	312.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2222.8	43330.	4795.1
Stddev	9.1	99.	18.6
%RSD	.40972	.22919	.38698

#1	2230.5	43319.	4774.0
#2	2225.2	43434.	4802.8
#3	2212.8	43236.	4808.7

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15830.	18.89	-.7535	81.34	1.233	7434.
Stddev	111.	2.53	.9974	.19	.023	33.
%RSD	.7039	13.37	132.4	.2375	1.889	.4502

#1	15700.	18.88	.3169	81.27	1.242	7439.
#2	15860.	21.42	-.9206	81.19	1.207	7399.
#3	15910.	16.37	-1.657	81.56	1.250	7465.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.240	6.206	35.21	32.89	14010.	818.4
Stddev	.015	.131	.43	.76	29.	37.8
%RSD	.2884	2.110	1.208	2.298	.2044	4.624

#1	5.224	6.357	34.98	32.15	13990.	793.7
#2	5.240	6.127	34.95	33.66	14000.	799.4
#3	5.255	6.134	35.70	32.86	14040.	861.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1391.	185.2	148.1	14.70	1467.	27.80
Stddev	4.	.3	17.3	.09	3.	2.33
%RSD	.2924	.1510	11.67	.6149	.1721	8.383

#1	1391.	185.0	164.5	14.60	1464.	26.99
#2	1387.	185.0	149.7	14.78	1468.	25.98
#3	1395.	185.5	130.0	14.72	1468.	30.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.307	-2.381	38.68	49.25	1.342	1.608
Stddev	2.014	2.232	.91	.19	.416	.213
%RSD	154.1	93.74	2.357	.3867	31.05	13.23

#1	-.3031	-4.084	37.69	49.29	1.253	1.621
#2	3.565	.1457	38.87	49.42	.9762	1.389
#3	.6595	-3.205	39.48	49.04	1.795	1.814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.798	30.28	57.35
Stddev	.735	.12	.69
%RSD	12.67	.3804	1.206

#1	6.598	30.14	56.55
#2	5.153	30.35	57.75
#3	5.644	30.34	57.76

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2257.1	44383.	4879.8
Stddev	4.1	120.	4.4
%RSD	.18212	.27087	.09065

#1	2257.8	44247.	4884.9
#2	2252.6	44427.	4877.1
#3	2260.8	44476.	4877.3

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5681.	14.94	-1.076	22.47	.6387	232.7
Stddev	24.	1.25	.856	.11	.1166	5.8
%RSD	.4216	8.339	79.55	.4959	18.25	2.503

#1	5655.	13.97	-1.050	22.36	.7045	229.3
#2	5690.	14.50	-1.945	22.47	.7074	229.3
#3	5700.	16.34	-.2336	22.58	.5041	239.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0675	7.609	8.759	.6569	38750.	451.4
Stddev	.0483	.135	.453	2.934	148.	24.6
%RSD	71.57	1.773	5.169	446.6	.3823	5.438

#1	.0124	7.509	8.671	-2.637	38710.	469.3
#2	.1024	7.555	9.249	2.990	38630.	461.6
#3	.0877	7.762	8.357	1.617	38920.	423.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	306.2	56.31	81.42	8.620	6.500	-2.701
Stddev	3.0	.24	3.53	.428	.563	.518
%RSD	.9829	.4342	4.340	4.971	8.665	19.17

#1	308.7	56.14	79.45	8.430	6.807	-2.590
#2	306.9	56.20	79.31	9.111	6.843	-2.247
#3	302.8	56.59	85.50	8.320	5.850	-3.265

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5948	-.1866	69.37	24.17	-1.448	1.432
Stddev	.7928	.9633	.23	.05	.290	.228
%RSD	133.3	516.2	.3328	.2068	20.06	15.93

#1	.2685	-.0421	69.57	24.22	-1.569	1.604
#2	-1.290	.6963	69.12	24.12	-1.117	1.518
#3	-.7626	-1.214	69.43	24.18	-1.659	1.173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.080	6.540	253.5
Stddev	.517	.032	.3
%RSD	47.83	.4958	.1193

#1	1.145	6.548	253.7
#2	.5342	6.505	253.1
#3	1.561	6.568	253.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2217.1	43153.	4723.5
Stddev	4.8	257.	18.7
%RSD	.21510	.59591	.39584

#1	2222.6	43155.	4742.2
#2	2214.7	43409.	4723.3
#3	2214.1	42895.	4704.9

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119100.	2356.	1198.	9554.	964.2	121500.
Stddev	86.	5.	3.	17.	3.3	241.
%RSD	.0722	.2160	.2715	.1802	.3425	.1980

#1	119200.	2350.	1195.	9534.	960.7	121300.
#2	119000.	2357.	1199.	9562.	964.9	121700.
#3	119100.	2360.	1201.	9564.	967.2	121600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1192.	2374.	4894.	12030.	97760.	47690.
Stddev	2.	6.	9.	2.	320.	95.
%RSD	.1807	.2533	.1906	.0179	.3268	.1984

#1	1189.	2367.	4884.	12030.	97460.	47580.
#2	1193.	2377.	4894.	12030.	97730.	47740.
#3	1193.	2378.	4903.	12030.	98090.	47750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	5017.	118000.	2387.	7150.	940.2
Stddev	381.	13.	69.	4.	16.	4.2
%RSD	.3097	.2600	.0584	.1597	.2305	.4516

#1	122700.	5009.	118100.	2383.	7131.	939.3
#2	123000.	5010.	118000.	2388.	7159.	936.4
#3	123500.	5032.	118000.	2390.	7160.	944.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2362.	2386.	2421.	2384.	951.6	2394.
Stddev	9.	6.	2.	4.	4.1	5.
%RSD	.3748	.2723	.0986	.1584	.4271	.2175

#1	2356.	2378.	2421.	2380.	946.9	2388.
#2	2372.	2390.	2418.	2387.	953.2	2397.
#3	2358.	2389.	2423.	2386.	954.5	2397.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	951.2	4861.	9544.
Stddev	3.0	6.	9.
%RSD	.3143	.1222	.0902

#1	948.4	4856.	9554.
#2	954.3	4861.	9537.
#3	950.8	4868.	9541.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1966.9	38213.	4503.5
Stddev	1.5	81.	13.4
%RSD	.07710	.21322	.29750

#1	1965.1	38241.	4518.1
#2	1967.9	38277.	4500.7
#3	1967.5	38122.	4491.8

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.10	-.8268	-.3344	.4144	.1525	-3.619
Stddev	6.53	1.248	.4596	.1203	.0412	16.75
%RSD	36.09	150.9	137.4	29.03	27.01	462.7

#1	16.68	-.2556	-.8021	.5495	.1962	9.570
#2	25.22	-2.258	.1166	.3748	.1469	2.034
#3	12.39	.0330	-.3177	.3189	.1144	-22.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0800	.1611	.0203	1.280	8.644	49.35
Stddev	.0671	.2683	.2333	5.585	8.261	5.81
%RSD	83.84	166.5	1152.	436.3	95.56	11.77

#1	.1012	.3348	.1010	7.112	8.467	54.21
#2	.0049	-.1479	-.2427	.7503	.4737	50.93
#3	.1340	.2965	.2025	-4.021	16.99	42.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.816	.2509	41.48	.5282	-.1052	-.8842
Stddev	.435	.0947	20.35	.3983	.1028	.6551
%RSD	9.023	37.77	49.07	75.41	97.74	74.09

#1	5.030	.3590	64.96	.3835	-.2137	-.1283
#2	5.102	.1826	28.97	.9786	-.0926	-1.286
#3	4.316	.2111	30.49	.2224	-.0092	-1.239

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2326	.7162	-.0156	-.1666	-.2194	.9423
Stddev	1.476	.9276	.2680	.2092	1.157	.4592
%RSD	634.5	129.5	1715.	125.6	527.5	48.74

#1	1.256	-.1587	.2605	.0380	.6642	1.453
#2	-1.695	1.689	-.2747	-.3802	.2069	.8115
#3	-.2592	.6185	-.0327	-.1575	-1.529	.5626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5877	.2340	.4743
Stddev	.3730	.1774	1.105
%RSD	63.47	75.78	232.9

#1	.2490	.4377	.2796
#2	.5266	.1511	-.5203
#3	.9874	.1134	1.663

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2175.4	42398.	4617.2
Stddev	6.4	128.	2.7
%RSD	.29420	.30176	.05793

#1	2175.6	42545.	4619.1
#2	2169.0	42340.	4618.3
#3	2181.8	42309.	4614.1

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5085.	1.559	-.9032	41.85	.4843	2323.
Stddev	12.	2.760	.0650	.02	.0369	12.
%RSD	.2452	177.0	7.196	.0368	7.627	.5069
#1	5078.	-.8483	-.8414	41.84	.4844	2313.
#2	5077.	4.572	-.8972	41.87	.5211	2336.
#3	5099.	.9552	-.9710	41.85	.4472	2320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0843	7.492	49.13	14.75	30400.	618.6
Stddev	.1051	.066	.13	2.66	73.	25.8
%RSD	124.7	.8855	.2738	18.00	.2403	4.176
#1	.0933	7.566	49.21	15.87	30330.	600.4
#2	-.0250	7.468	49.21	11.72	30470.	607.2
#3	.1846	7.440	48.98	16.66	30400.	648.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2157.	348.3	102.2	14.90	76.29	.2889
Stddev	12.	.6	9.8	.19	1.26	.9304
%RSD	.5468	.1681	9.598	1.284	1.649	322.0

#1	2144.	348.1	91.40	14.87	77.07	.7002
#2	2166.	348.9	104.8	14.73	76.96	.9429
#3	2162.	347.8	110.5	15.11	74.84	-.7763

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9702	-1.916	46.36	89.45	-1.069	.5213
Stddev	2.048	.579	.14	.23	.445	.1025
%RSD	211.1	30.23	.2960	.2546	41.60	19.66

#1	1.457	-1.528	46.48	89.19	-.8404	.5674
#2	2.731	-1.638	46.40	89.58	-1.582	.5927
#3	-1.277	-2.582	46.21	89.58	-.7851	.4039

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	58.14	5.998	525.9
Stddev	.54	.072	.3
%RSD	.9308	1.205	.0513

#1	58.76	6.015	526.0
#2	57.89	5.919	525.6
#3	57.77	6.060	526.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2213.2	42561.	4712.7
Stddev	1.5	151.	12.6
%RSD	.06576	.35430	.26742

#1	2211.7	42547.	4709.1
#2	2213.4	42418.	4726.7
#3	2214.6	42719.	4702.3

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8000.	2.047	-.6484	89.06	.6377	2392.
Stddev	33.	1.189	.7637	.29	.0379	16.
%RSD	.4063	58.10	117.8	.3293	5.947	.6807
#1	7963.	2.186	.0936	88.73	.6627	2374.
#2	8012.	3.161	-.6068	89.14	.6564	2407.
#3	8024.	.7944	-1.432	89.30	.5941	2394.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2610	11.97	85.23	22.27	33500.	1379.
Stddev	.0650	.24	1.02	3.47	142.	19.
%RSD	24.92	2.037	1.200	15.60	.4230	1.359
#1	.3356	12.10	84.30	19.65	33370.	1363.
#2	.2311	12.13	85.07	26.21	33480.	1375.
#3	.2162	11.69	86.33	20.93	33650.	1399.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2769.	289.1	120.4	32.22	61.76	.6603
Stddev	12.	1.0	3.8	.24	.76	1.752
%RSD	.4295	.3485	3.182	.7358	1.228	265.4
#1	2756.	288.2	124.3	32.26	62.35	1.818
#2	2771.	288.8	120.3	32.43	60.91	-1.356
#3	2780.	290.2	116.6	31.96	62.04	1.518

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.531	-3.054	77.14	152.1	-.9281	1.186
Stddev	2.626	1.703	.29	.3	.5044	.264
%RSD	103.8	55.75	.3817	.1894	54.35	22.25
#1	-4.931	-2.576	77.05	151.8	-.3720	1.491
#2	-2.935	-4.945	77.47	152.4	-1.356	1.026
#3	.2744	-1.642	76.90	152.2	-1.056	1.042

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.447	11.97	1067.
Stddev	.359	.10	4.
%RSD	6.593	.8029	.3452

#1	5.511	11.87	1063.
#2	5.769	11.99	1067.
#3	5.060	12.06	1070.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2211.2	43151.	4763.7
Stddev	2.5	10.	17.7
%RSD	.11128	.02233	.37248

#1	2211.2	43158.	4776.6
#2	2213.6	43154.	4743.4
#3	2208.7	43140.	4771.0

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39500.	8.087	-1.160	292.8	2.349	5325.
Stddev	235.	2.809	.465	1.4	.087	34.
%RSD	.5945	34.74	40.04	.4756	3.725	.6456

#1	39260.	4.919	-.9248	292.3	2.283	5305.
#2	39500.	10.28	-.8608	291.7	2.315	5306.
#3	39730.	9.066	-1.696	294.3	2.448	5365.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0574	35.22	113.4	48.63	53770.	3559.
Stddev	.0623	.31	1.5	2.45	175.	21.
%RSD	108.5	.8932	1.309	5.040	.3263	.5816

#1	.0140	34.91	113.8	46.49	53600.	3565.
#2	-.1008	35.20	111.8	48.09	53760.	3536.
#3	-.0854	35.54	114.7	51.31	53960.	3576.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12720.	440.4	273.0	63.34	35.87	-.2664
Stddev	21.	1.9	8.0	.55	.46	1.167
%RSD	.1685	.4284	2.927	.8679	1.277	437.9

#1	12710.	439.3	280.7	63.14	35.35	.8841
#2	12710.	439.2	264.7	62.92	36.17	-.2348
#3	12740.	442.5	273.6	63.96	36.11	-1.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.177	-3.985	144.5	135.1	6.071	2.607
Stddev	3.162	.795	.3	.8	.987	.162
%RSD	268.7	19.95	.2028	.6029	16.26	6.194

#1	.8980	-3.070	144.4	134.9	6.820	2.518
#2	-4.816	-4.504	144.3	134.4	6.441	2.793
#3	.3877	-4.380	144.8	136.0	4.953	2.508

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.593	41.33	1626.
Stddev	.095	.34	12.
%RSD	2.074	.8277	.7097

#1	4.695	41.01	1613.
#2	4.578	41.29	1629.
#3	4.506	41.69	1636.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2271.1	43754.	4875.2
Stddev	5.6	177.	32.1
%RSD	.24528	.40551	.65906

#1	2269.2	43678.	4889.4
#2	2277.3	43957.	4897.8
#3	2266.7	43627.	4838.5

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22670.	10.49	.0410	353.0	1.120	65660.
Stddev	46.	1.39	.1974	.4	.093	267.
%RSD	.2048	13.19	481.1	.1223	8.343	.4060

#1	22720.	12.03	.1383	353.5	1.217	65820.
#2	22670.	10.12	-.1861	352.7	1.031	65820.
#3	22630.	9.335	.1710	352.7	1.112	65360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.680	20.34	192.9	563.0	52180.	1722.
Stddev	.091	.14	.5	2.4	34.	11.
%RSD	1.610	.7009	.2551	.4189	.0651	.6266

#1	5.576	20.51	193.4	563.9	52160.	1728.
#2	5.716	20.25	192.9	564.8	52160.	1729.
#3	5.747	20.27	192.4	560.4	52220.	1709.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40590.	560.7	474.6	68.52	893.1	18.58
Stddev	44.	.1	3.0	.33	2.7	.72
%RSD	.1094	.0134	.6416	.4795	.3020	3.867
#1	40590.	560.7	476.3	68.90	895.7	17.78
#2	40550.	560.6	471.1	68.39	893.4	18.80
#3	40640.	560.7	476.6	68.29	890.3	19.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8489	-4.231	86.73	3773.	24.11	15.36
Stddev	2.409	.439	.33	3.	.07	.38
%RSD	283.7	10.37	.3844	.0803	.2722	2.463
#1	-1.948	-4.279	86.36	3777.	24.12	15.59
#2	-2.512	-4.643	86.82	3772.	24.17	14.92
#3	1.913	-3.770	87.01	3771.	24.04	15.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	56.95	68.61	579.3
Stddev	.80	.12	.5
%RSD	1.404	.1771	.0935

#1	56.34	68.72	578.7
#2	57.85	68.48	579.8
#3	56.66	68.63	579.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2234.9	43132.	4894.4
Stddev	6.3	128.	32.0
%RSD	.28319	.29783	.65371

#1	2229.5	42987.	4860.4
#2	2241.9	43231.	4899.1
#3	2233.2	43177.	4923.9

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37250.	13.35	-.4545	1020.	3.098	16880.
Stddev	136.	1.47	.2150	2.	.082	57.
%RSD	.3643	11.05	47.30	.2088	2.642	.3397

#1	37380.	11.73	-.6314	1018.	3.190	16880.
#2	37110.	13.70	-.5169	1020.	3.072	16820.
#3	37250.	14.61	-.2152	1022.	3.032	16940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1783	39.47	90.02	88.65	100700.	6350.
Stddev	.1086	.14	.60	1.07	236.	19.
%RSD	60.91	.3542	.6698	1.209	.2341	.2932

#1	-.2518	39.32	90.13	89.82	100800.	6362.
#2	-.0536	39.50	89.37	88.42	100400.	6329.
#3	-.2297	39.59	90.57	87.72	100800.	6360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22960.	2537.	660.7	84.98	64.11	-1.408
Stddev	73.	10.	12.2	.56	.52	.909
%RSD	.3190	.3750	1.839	.6545	.8120	64.54

#1	22930.	2531.	659.1	85.21	64.71	-.3870
#2	22900.	2532.	649.4	85.37	63.76	-1.709
#3	23040.	2548.	673.6	84.34	63.85	-2.128

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.112	-10.04	112.6	212.5	16.20	.8501
Stddev	3.803	.21	.4	.3	.15	.1276
%RSD	92.49	2.129	.3179	.1385	.9198	15.01

#1	.2768	-10.25	112.9	212.2	16.02	.7433
#2	-6.167	-10.06	112.2	212.5	16.27	.8157
#3	-6.445	-9.825	112.7	212.8	16.29	.9914

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.457	86.52	1605.
Stddev	.127	.14	4.
%RSD	2.322	.1652	.2318

#1	5.555	86.58	1607.
#2	5.314	86.36	1601.
#3	5.501	86.62	1608.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2268.1	43474.	4886.1
Stddev	3.6	209.	6.7
%RSD	.15776	.48045	.13622

#1	2268.3	43487.	4880.1
#2	2271.5	43676.	4893.2
#3	2264.4	43259.	4884.9

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119000.	2351.	1192.	9517.	968.7	121500.
Stddev	431.	5.	2.	19.	2.9	232.
%RSD	.3624	.1997	.1273	.1961	.2945	.1912

#1	119200.	2351.	1191.	9501.	971.7	121600.
#2	118500.	2346.	1192.	9514.	966.1	121200.
#3	119200.	2355.	1194.	9538.	968.2	121600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1189.	2365.	4892.	12040.	97650.	47700.
Stddev	2.	4.	2.	36.	13.	160.
%RSD	.1829	.1617	.0442	.3016	.0129	.3357

#1	1187.	2361.	4892.	12060.	97640.	47840.
#2	1188.	2365.	4895.	12000.	97660.	47530.
#3	1191.	2369.	4891.	12060.	97670.	47740.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123200.	5032.	117900.	2376.	7129.	941.0
Stddev	113.	9.	444.	7.	9.	1.6
%RSD	.0918	.1800	.3762	.2897	.1318	.1675

#1	123100.	5022.	118200.	2370.	7121.	940.8
#2	123300.	5037.	117400.	2374.	7128.	942.7
#3	123200.	5038.	118000.	2384.	7139.	939.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2355.	2374.	2415.	2381.	948.3	2385.
Stddev	5.	14.	1.	4.	4.3	6.
%RSD	.2010	.5807	.0328	.1616	.4530	.2493

#1	2350.	2358.	2416.	2379.	945.0	2379.
#2	2356.	2377.	2414.	2379.	946.8	2385.
#3	2359.	2385.	2416.	2385.	953.1	2391.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	945.6	4859.	9553.
Stddev	2.7	16.	28.
%RSD	.2844	.3300	.2980

#1	942.5	4870.	9573.
#2	947.0	4841.	9521.
#3	947.2	4867.	9565.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1979.5	38276.	4520.7
Stddev	7.8	188.	16.7
%RSD	.39392	.49078	.36963

#1	1986.2	38490.	4526.5
#2	1981.3	38200.	4533.8
#3	1970.9	38138.	4501.9

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.29	-1.187	-.4076	.1544	.1234	.1112
Stddev	19.78	1.448	.7162	.0403	.0849	4.353
%RSD	108.1	122.0	175.7	26.10	68.77	3913.

#1	18.69	-2.783	.3482	.1999	.1624	-4.677
#2	37.87	.0441	-.4948	.1399	.0261	3.831
#3	-1.680	-.8219	-1.076	.1234	.1819	1.180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0226	.1804	.2657	.4236	1.416	100.1
Stddev	.0708	.1583	.0590	1.347	4.162	13.8
%RSD	313.7	87.78	22.22	318.0	294.0	13.80

#1	.0514	.2821	.3116	1.978	5.542	108.2
#2	.0744	-.0020	.2864	-.3896	-2.782	84.14
#3	-.0581	.2610	.1991	-.3180	1.487	108.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.022	.1422	33.64	.4669	.2162	.6327
Stddev	2.115	.0516	4.59	.3947	1.692	.1044
%RSD	69.97	36.27	13.65	84.54	782.5	16.49

#1	2.910	.1070	38.71	.7813	1.912	.7519
#2	.9661	.2015	29.76	.0239	.2072	.5577
#3	5.191	.1183	32.45	.5955	-1.471	.5884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.569	.2783	-.1174	-.1959	-.1583	1.083
Stddev	.909	.4567	.3340	.1472	.7895	.345
%RSD	35.38	164.1	284.5	75.16	498.6	31.87

#1	-3.583	.2936	.2295	-.2544	.7305	1.443
#2	-1.827	-.1859	-.1450	-.0284	-.4275	1.052
#3	-2.297	.7271	-.4367	-.3048	-.7780	.7546

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.9439	.1340	.5778
Stddev	.7523	.0823	.9001
%RSD	79.70	61.44	155.8

#1	1.402	.0455	-.4595
#2	.0757	.2083	1.039
#3	1.354	.1482	1.154

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2179.8	42224.	4609.9
Stddev	8.1	90.	32.2
%RSD	.37162	.21272	.69830

#1	2189.1	42245.	4646.5
#2	2176.0	42302.	4597.5
#3	2174.3	42126.	4585.8

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Standard: 1 Rep: 1				Seq: 1		20:11:54	12 Oct 11	HG	
Hg .000	ppb	234							=
*** Standard: 2 Rep: 1				Seq: 2		20:13:40	12 Oct 11	HG	
Hg .100	ppb	543							=
*** Standard: 3 Rep: 1				Seq: 3		20:16:38	12 Oct 11	HG	
Hg 1.00	ppb	3172							=
*** Standard: 4 Rep: 1				Seq: 4		20:18:22	12 Oct 11	HG	
Hg 2.00	ppb	6096							=
*** Standard: 5 Rep: 1				Seq: 5		20:20:17	12 Oct 11	HG	
Hg 5.00	ppb	15325							=
*** Standard: 6 Rep: 1				Seq: 6		20:22:07	12 Oct 11	HG	
Hg 10.0	ppb	30197							=
*** Check Standard: 3 Ck3AICV				Seq: 7		20:24:22	12 Oct 11	HG	
Line Flag %Rcv. Found True Units SD/RSD									=
Hg 102. 5.12 5.00 ppb .000									=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		20:26:15	12 Oct 11	HG	
Line Flag Found Range(+/-) Units SD/RSD									=
Hg -.043 .200 ppb .000									=
*** Sample ID:				Seq: 9		20:28:12	12 Oct 11	HG	
Hg -.008 ppb .000				mb 460-89271/10-a -.008					=
=====									
*** Sample ID: lcssrm 460				Seq: 10		20:29:56	12 Oct 11	HG	
Hg 5.24 ppb .000				-89271/11-a@10 5.24					=
=====									
*** Sample ID:				Seq: 11		20:32:00	12 Oct 11	HG	
Hg .281 ppb .000				460-32275-a-6-h .281					=
=====									
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Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Sample ID:				Seq: 12		20:33:54	12 Oct 11	HG	
Hg .288 ppb .000				460-32275-a-6-i du .288					=
*** Sample ID:				Seq: 13		20:35:42	12 Oct 11	HG	
				460-32275-a-6-j ms					=


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*** Sample ID:                               Seq: 28      21:06:43 12 Oct 11  HG
                                460-32128-d-6-b
Hg      .122      ppb      .000      .122

*** Sample ID:                               Seq: 29      21:09:20 12 Oct 11  HG
                                460-32128-d-7-b
Hg      .118      ppb      .000      .118

*** Sample ID:                               Seq: 30      21:12:15 12 Oct 11  HG
                                460-32130-d-9-a
Hg      1.37      ppb      .000      1.37

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:13:58 12 Oct 11  HG
Line  Flag  %Rcv.  Found      True  Units      SD/RSD
Hg      108.      5.39      5.00      ppb      .000

*** Check Standard: 1  Ck1ICB/CCB      Seq: 32      21:15:43 12 Oct 11  HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg      -.041      .200      ppb      .000

*** Sample ID:                               Seq: 33      21:17:41 12 Oct 11  HG
                                460-32242-a-1-h
Hg      .533      ppb      .000      .533

*** Sample ID:                               Seq: 34      21:19:25 12 Oct 11  HG
                                460-32243-a-1-f
Hg      .205      ppb      .000      .205

*** Sample ID:                               Seq: 35      21:21:09 12 Oct 11  HG
                                460-32125-d-1-d
Hg      .034      ppb      .000      .034

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Protocol: SW846A
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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:								
Hg	.059	ppb	.000	.059				
*** Sample ID:								
Hg	.003	ppb	.000	.003				
*** Check Standard: 2 Ck2ACCV								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 102. 5.11 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.004 .200 ppb .000								
*** Sample ID:								
Hg	-.005	ppb	.000	-.005				
=====								
*** Sample ID: lcssrm 460								
Hg	5.53	ppb	.000	5.53				

*** Sample ID: Seq: 42 21:36:57 12 Oct 11 HG
 460-32121-a-22-b
 Hg .014 ppb .000 .014
 *** Sample ID: Seq: 43 21:38:43 12 Oct 11 HG
 460-32121-a-22-c du
 Hg .001 ppb .000 .001
 *** Sample ID: Seq: 44 21:40:33 12 Oct 11 HG
 460-32121-a-22-d ms
 Hg 1.05 ppb .000 1.05
 *** Sample ID: Seq: 45 21:42:33 12 Oct 11 HG
 460-32125-d-3-d
 Hg .041 ppb .000 .041
 *** Sample ID: Seq: 46 21:44:18 12 Oct 11 HG
 460-32125-d-4-d
 Hg .673 ppb .000 .673

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 POST-RUN REPORT

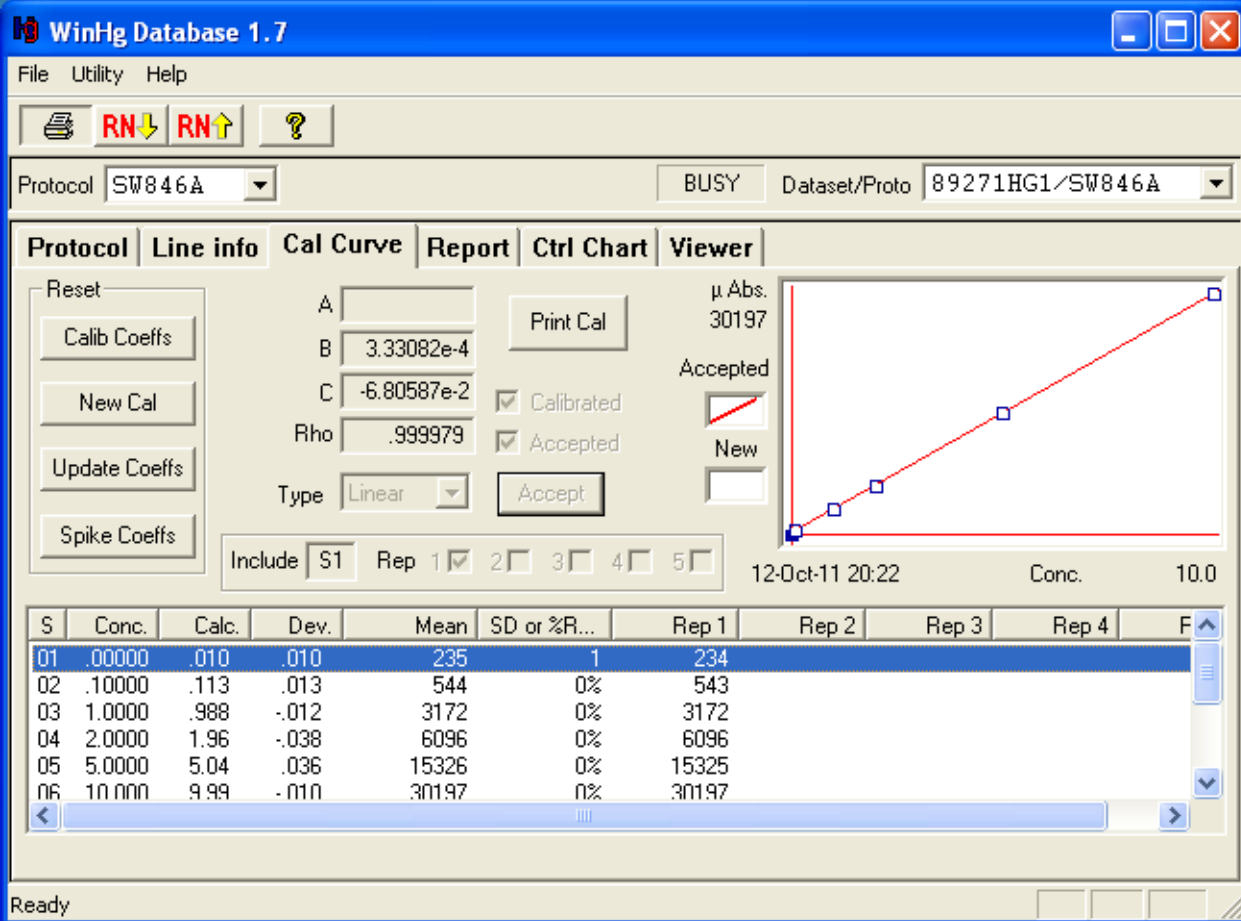
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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	1.65	ppb	.000	1.65				
*** Sample ID:								
Hg	.282	ppb	.000	.282				
*** Sample ID:								
Hg	.135	ppb	.000	.135				
*** Check Standard: 2	Ck2ACCV							
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		105.	5.25	5.00	ppb	.000		
*** Check Standard: 1	Ck1ICB/CCB							
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.007	.200	ppb	.000			
*** Sample ID:								
Hg	.007	ppb	.000	.007				
*** Sample ID:								
Hg	.094	ppb	.000	.094				
*** Sample ID:								
Hg	.091	ppb	.000	.091				
*** Sample ID:								
Hg	3.97	ppb	.000	3.97				
*** Sample ID:								
Hg								

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Hg      .057      ppb      .000      .057
*** Sample ID:                      Seq: 57      22:07:48 12 Oct 11      HG      =
                                460-32121-a-25-b
Hg      .039      ppb      .000      .039
*** Sample ID:                      Seq: 58      22:09:37 12 Oct 11      HG      =
                                460-32121-a-27-b
Hg      .039      ppb      .000      .039
                                Folder: 89271HG1
                                Protocol: SW846A
                                ***POST-RUN REPORT***
                                Page 7522
Line   Conc.   Units   SD/RSD   1       2       3       4       5
-----
*** Sample ID:                      Seq: 59      22:11:26 12 Oct 11      HG
                                460-32121-a-28-b
Hg      .013      ppb      .000      .013
*** Sample ID:                      Seq: 60      22:13:11 12 Oct 11      HG
                                SD 460-32121-a-22-b@
Hg      -.038      ppb      .000      -.038
*** Check Standard: 2  Ck2ACCV      Seq: 61      22:15:00 12 Oct 11      HG
Line   Flag   %Rcv.   Found   True   Units   SD/RSD
Hg      103.    5.17    5.00    ppb      .000
*** Check Standard: 1  Ck1ICB/CCB   Seq: 62      22:16:48 12 Oct 11      HG
Line   Flag   Found Range(+/-) Units   SD/RSD
Hg      -.052    .200      ppb      .000

```



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		20:11:54	12 Oct 11	HG
Hg	.000	ppb	234					
*** Standard: 2 Rep: 1				Seq: 2		20:13:40	12 Oct 11	HG
Hg	.100	ppb	543					
*** Standard: 3 Rep: 1				Seq: 3		20:16:38	12 Oct 11	HG
Hg	1.00	ppb	3172					
*** Standard: 4 Rep: 1				Seq: 4		20:18:22	12 Oct 11	HG
Hg	2.00	ppb	6096					
*** Standard: 5 Rep: 1				Seq: 5		20:20:17	12 Oct 11	HG
Hg	5.00	ppb	15325					
*** Standard: 6 Rep: 1				Seq: 6		20:22:07	12 Oct 11	HG
Hg	10.0	ppb	30197					
*** Check Standard: 3			Ck3AICV	Seq: 7		20:24:22	12 Oct 11	HG
Line Flag			Intensities					
Hg			15578					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8		20:26:15	12 Oct 11	HG
Line Flag			Intensities					
Hg			74					
*** Sample ID:				Seq: 9		20:28:12	12 Oct 11	HG
				mb 460-89271/10-a				
Hg	-.008	ppb	181					

*** Sample ID: lcssrm 460				Seq: 10		20:29:56	12 Oct 11	HG
				-89271/11-a@10				
Hg	5.24	ppb	15927					

*** Sample ID:				Seq: 11		20:32:00	12 Oct 11	HG
				460-32275-a-6-h				
Hg	.281	ppb	1047					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 12		20:33:54	12 Oct 11	HG
				460-32275-a-6-i du				
Hg	.288	ppb	1070					
*** Sample ID:				Seq: 13		20:35:42	12 Oct 11	HG
				460-32275-a-6-j ms				


```

*** Sample ID:                               Seq: 28      21:06:43 12 Oct 11  HG
                                460-32128-d-6-b
Hg      .122      ppb      570

*** Sample ID:                               Seq: 29      21:09:20 12 Oct 11  HG
                                460-32128-d-7-b
Hg      .118      ppb      558

*** Sample ID:                               Seq: 30      21:12:15 12 Oct 11  HG
                                460-32130-d-9-a
Hg      1.37      ppb      4330

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:13:58 12 Oct 11  HG
Line Flag      Intensities
Hg      16386

*** Check Standard: 1  Ck1ICB/CCB      Seq: 32      21:15:43 12 Oct 11  HG
Line Flag      Intensities
Hg      80

*** Sample ID:                               Seq: 33      21:17:41 12 Oct 11  HG
                                460-32242-a-1-h
Hg      .533      ppb      1804

*** Sample ID:                               Seq: 34      21:19:25 12 Oct 11  HG
                                460-32243-a-1-f
Hg      .205      ppb      819

*** Sample ID:                               Seq: 35      21:21:09 12 Oct 11  HG
                                460-32125-d-1-d
Hg      .034      ppb      306

```

Folder: 89271HG1
Protocol: SW846A
POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.059	ppb	381					
*** Sample ID:								
Hg	.003	ppb	214					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	-.005	ppb	189					
*** Sample ID: lcssrm 460								
Hg	5.53	ppb	16808					

*** Sample ID: Seq: 42 21:36:57 12 Oct 11 HG
 460-32121-a-22-b
 Hg .014 ppb 247
 *** Sample ID: Seq: 43 21:38:43 12 Oct 11 HG
 460-32121-a-22-c du
 Hg .001 ppb 206
 *** Sample ID: Seq: 44 21:40:33 12 Oct 11 HG
 460-32121-a-22-d ms
 Hg 1.05 ppb 3370
 *** Sample ID: Seq: 45 21:42:33 12 Oct 11 HG
 460-32125-d-3-d
 Hg .041 ppb 328
 *** Sample ID: Seq: 46 21:44:18 12 Oct 11 HG
 460-32125-d-4-d
 Hg .673 ppb 2225

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 Protocol: SW846A
 POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	1.65	ppb	5165					
*** Sample ID:								
Hg	.282	ppb	1052					
*** Sample ID:								
Hg	.135	ppb	611					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	.007	ppb	226					
*** Sample ID:								
Hg	.094	ppb	488					
*** Sample ID:								
Hg	.091	ppb	479					
*** Sample ID:								
Hg	3.97	ppb	12130					
*** Sample ID:								
Hg								

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89665 Batch Start Date: 10/15/11 17:32 Batch Analyst: Staib, ThomasBatch Method: 3050B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00025	ME_LCSS_62 00006		
MB 460-89665/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-89665/2		3050B, 6010B		1.03 g	50 mL		1 g		
460-32125-D-1	SO-17338-100511-MM-140	3050B, 6010B	T	1.00 g	50 mL				
460-32125-D-2	SO-17338-100511-MM-141	3050B, 6010B	T	1.12 g	50 mL				
460-32125-D-3	SO-17338-100511-MM-142	3050B, 6010B	T	1.08 g	50 mL				
460-32125-D-4	SO-17338-100511-MM-143	3050B, 6010B	T	1.06 g	50 mL				
460-32125-D-5	SO-17338-100511-MM-144	3050B, 6010B	T	1.09 g	50 mL				
460-32125-D-6	SO-17338-100511-MM-145	3050B, 6010B	T	1.06 g	50 mL				
460-32125-D-7	SO-17338-100511-MM-146	3050B, 6010B	T	1.04 g	50 mL				
460-32125-D-8	FB-17338-100511-MM-147	3050B, 6010B	T	1.01 g	50 mL				
460-32125-D-8 DU	FB-17338-100511-MM-147	3050B, 6010B	T	1.01 g	50 mL				
460-32125-D-8 MS	FB-17338-100511-MM-147	3050B, 6010B	T	1.02 g	50 mL	2 mL			

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K11j09
Lot # of hydrochloric acid	K14068
Lot # of Nitric Acid	K15028
Temperature	95 Degrees C

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89271 Batch Start Date: 10/12/11 18:00 Batch Analyst: Staib, ThomasBatch Method: 7471A Batch End Date: 10/12/11 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00647	ME_DQCS-INT 00343	ME_LCSS_62 00014	
ICV 460-89271/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-89271/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-89271/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-89271/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-32275-A-6 DU		7471A, 7471A	T	0.60 g	100 mL				
460-32275-A-6 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-32125-D-1	SO-17338-100511- MM-140	7471A, 7471A	T	0.60 g	100 mL				
460-32125-D-2	SO-17338-100511- MM-141	7471A, 7471A	T	0.65 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01382
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01380
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01379
NaCL Lot #	HgR01382
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01381
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89273 Batch Start Date: 10/12/11 18:00 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 10/12/11 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00647	ME_LCSS_62 00014		
MB 460-89273/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-89273/11		7471A, 7471A		0.60 g	100 mL		0.6 g		
460-32121-A-22 DU		7471A, 7471A	T	0.60 g	100 mL				
460-32121-A-22 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-32125-D-3	SO-17338-100511-MM-142	7471A, 7471A	T	0.66 g	100 mL				
460-32125-D-4	SO-17338-100511-MM-143	7471A, 7471A	T	0.62 g	100 mL				
460-32125-D-5	SO-17338-100511-MM-144	7471A, 7471A	T	0.63 g	100 mL				
460-32125-D-6	SO-17338-100511-MM-145	7471A, 7471A	T	0.62 g	100 mL				
460-32125-D-7	SO-17338-100511-MM-146	7471A, 7471A	T	0.67 g	100 mL				
460-32125-D-8	FB-17338-100511-MM-147	7471A, 7471A	T	0.65 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01382
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01380
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01379
NaCL Lot #	HgR01382
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01381
ID number of the thermometer	Prep-1

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 89273 Batch Start Date: 10/12/11 18:00 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 10/12/11 20:00

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG No.: _____
Project: Former GM

Client Sample ID	Lab Sample ID
<u>SO-17338-100511-MM-140</u>	<u>460-32125-1</u>
<u>SO-17338-100511-MM-141</u>	<u>460-32125-2</u>
<u>SO-17338-100511-MM-142</u>	<u>460-32125-3</u>
<u>SO-17338-100511-MM-143</u>	<u>460-32125-4</u>
<u>SO-17338-100511-MM-144</u>	<u>460-32125-5</u>
<u>SO-17338-100511-MM-145</u>	<u>460-32125-6</u>
<u>SO-17338-100511-MM-146</u>	<u>460-32125-7</u>
<u>FB-17338-100511-MM-147</u>	<u>460-32125-8</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-32125-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
460-32125-7 DU	1	T	00:49	X	X																
460-32125-8	1	T	00:49	X	X																
ZZZZZZ			00:49																		
ZZZZZZ			01:27																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32125-1

SDG No.: _____

Batch Number: 88990 Batch Start Date: 10/10/11 21:19 Batch Analyst: Smith, Anthony GBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-32125-D-1	SO-17338-100511-MM-140	Moisture	T	297	0.99 g	5.33 g	4.54 g		
460-32125-D-2	SO-17338-100511-MM-141	Moisture	T	298	0.98 g	5.55 g	4.63 g		
460-32125-D-3	SO-17338-100511-MM-142	Moisture	T	299	0.99 g	5.54 g	4.70 g		
460-32125-D-4	SO-17338-100511-MM-143	Moisture	T	300	0.98 g	5.23 g	2.79 g		
460-32125-D-5	SO-17338-100511-MM-144	Moisture	T	301	1.03 g	5.98 g	2.63 g		
460-32125-D-6	SO-17338-100511-MM-145	Moisture	T	302	0.99 g	5.25 g	3.97 g		
460-32125-D-7	SO-17338-100511-MM-146	Moisture	T	303	1.01 g	5.12 g	4.27 g		
460-32125-D-7 DU	SO-17338-100511-MM-146	Moisture	T	304	0.99 g	5.31 g	4.34 g		
460-32125-D-8	FB-17338-100511-MM-147	Moisture	T	305	1.00 g	5.86 g	5.86 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	10/11/2011
Oven Temp when samples are put in oven	Oven 1 104 Oven 2 105 Degrees C
Time samples were place in the oven	11:00
Date samples were removed from oven	10/10/11
Oven Temp when samples removed from oven	101, 99 Degrees C
ID number of the thermometer	Oven 1 1895 Oven 2 1840

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) CHRIS BARTON		Samplers Name (Printed) M. MYLETT		Site/Project Identification FOURMEL GM	
Company CEA		P.O. # 0173338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: DMREC	
City Buffalo	State NY	City Buffalo		City Buffalo	
Phone 716-856-2142	Fax	Phone 716-856-2142		Fax	
Sample Identification		Date	Time	Matrix	No. of Cont.
SO-17338-100511-MM-140		10/6/11	1330		
SO-17338-100511-MM-141			1100		
SO-17338-100511-MM-142			1130		
SO-17338-100511-MM-143			1215		
SO-17338-100511-MM-144			1230		
SO-17338-100511-MM-145			1250		
SO-17338-100511-MM-146			1315		
FB-17338-100511-MM-147			1400	3	
FB-17338-100511-MM-148			1415		
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:		Water:	
6 = Other _____, 7 = Other _____		Soil:		Water:	

Sample Numbers	VO	BN+25	TCL PCB	TCL METALS	PESTICIDES
1	X	X	X	X	X
2	X	X	X	X	X
3	X	X	X	X	X
4	X	X	X	X	X
5	X	X	X	X	X
6	X	X	X	X	X
7	X	X	X	X	X
8	X	X	X	X	X
9	X	X	X	X	X

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by M. Mylett	Company CEA	Date / Time 10-6-11 0830	Received by [Signature]	Company FOURMEL GM
Relinquished by [Signature]	Company Teck	Date / Time 10-6-11 1300	Received by [Signature]	Company Teck
Relinquished by [Signature]	Company	Date / Time 10/6/11 1345	Received by [Signature]	Company Teck
Relinquished by [Signature]	Company	Date / Time 10/6/11 1350	Received by [Signature]	Company Teck

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-622), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32125-1

Login Number: 32125

List Source: TestAmerica Edison

List Number: 1

Creator: Villadarez, Gerson Timothy S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2 ° C IR #50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	