HILLMANN
CONSULTING

July 25, 2014

Ms. Darla Stachecki
Cogswell Realty, LLC
600 Madison Avenue, Suite 300
New York, New York 10022

Re: Subsurface Investigation Summary Letter
450 Union Street
Brooklyn, New York

Dear Ms. Stachecki:

As requested, Hillmann Consulting, LLC (Hillmann) conducted a subsurface investigation at 450 Union Street, Brooklyn, New York. The subsurface investigation was conducted to determine if the soil and/or groundwater at the property has been impacted due to on-site or off-site activities.

This Summary Report presents the findings and recommendations associated with the investigative activities conducted by Hillmann.

FIELD ACTIVITIES

On July 17, 2014, prior to boring activities, Hillmann retained a licensed contractor to conduct a geophysical investigation. The geophysical investigation was conducted to determine the former or current location of the 550-gallon underground storage tank referenced in a 2002 Phase II Report provided by the Client.

On July 28, 2014, seven borings (designated as SB-1 through SB-7) were advanced throughout the site utilizing direct push technology. The borings were advanced in a representative pattern to best cover the site and while taking into account limitations on areas for drilling.

All recovered soil was field screened using visual and olfactory senses as well as a photoionization detector (PID). One soil sample (designated as S-1 through S-7) was collected from the interval above the soil/groundwater interface. A United States Geologic Service (USGS) topographic map is attached as Figure 1 and a site plan depicting the boring locations is attached as Figure 1.

To obtain representative groundwater data from throughout the site a temporary well point (TWP) was advanced in four borings (designated as TWP-1, TWP-4, TWP-6 and TWP-7) to

facilitate collection of a groundwater sample. One groundwater sample was collected from each TWP.

All samples were containerized in laboratory provided glassware and transported to a certified New York laboratory under chain of custody protocol. All soil and groundwater samples were analyzed for the total analyte list/total compound list (TAL/TCL) compounds. The TAL/TCL compounds include volatile organic compounds (VOCs) by EPA method 8260, semi-volatile organic compounds (SVOCs) by EPA method 8270, pesticides and polychlorinated biphenyls (PCBs) by EPA method 8081 and 8082, respectively, and TAL metals.

RESULTS

The geophysical survey indicated that the suspected 550-gallon tank is present in the south portion of the property and has likely been filled in place.

Field screening of recovered soil from all borings did not indicate potential contamination. Soil in the borings consisted of urban fill material. Groundwater was encountered at approximately 14.0 feet below ground surface (bgs) throughout the property.

The soil analytical results were compared to the New York Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO). Several VOC, SVOC and/or metals compounds were detected in exceedance of the applicable SCOs in all of the soil samples. All other compounds analyzed for were not detected above the laboratory method detection limit or detected below the applicable SCO. A summary of the detected soil compounds is included as Tables 1, 2 and 3. The full laboratory report is included as Attachment B.

The groundwater analytical results were compared to the NYSDEC Groundwater Quality Standards (GWQS). Several metals had elevated levels in the groundwater, and some SVOC compounds were detected in exceedance of the applicable GWQS in all groundwater samples. All other compounds analyzed for were not detected above the laboratory method detection limit or detected below the applicable SCO. A summary of the detected soil compounds is included as Tables 4 and 5. The full laboratory report is included as Attachment B.

CONCLUSIONS AND RECOMMEDATIONS

Based on the information discussed above, the soil is impacted site wide. The impacted soil is suspected to be a result of the urban fill found throughout the site and/or past operations onsite and adjacent site activities. During redevelopment activities all excavated soil will be required to be disposed of at a certified facility. Additionally, after property redevelopment all impacted soil remaining will be required to be capped with an impermeable layer (i.e. the building foundation, parking lot or sidewalk) or with at least two feet of clean soil.

Based on the information discussed above, the groundwater is impacted with SVOC compounds and metals. During redevelopment activities if dewatering is necessary during excavation the groundwater will need to be treated prior to discharge. Treatment is anticipated to include a settling tank, bag filter and/or activated carbon vessels.

To mitigate potential vapor intrusion issues, any new buildings constructed on site should include a vapor mitigation system, which may include a vapor barrier, and/or a sub slab depressurization system.

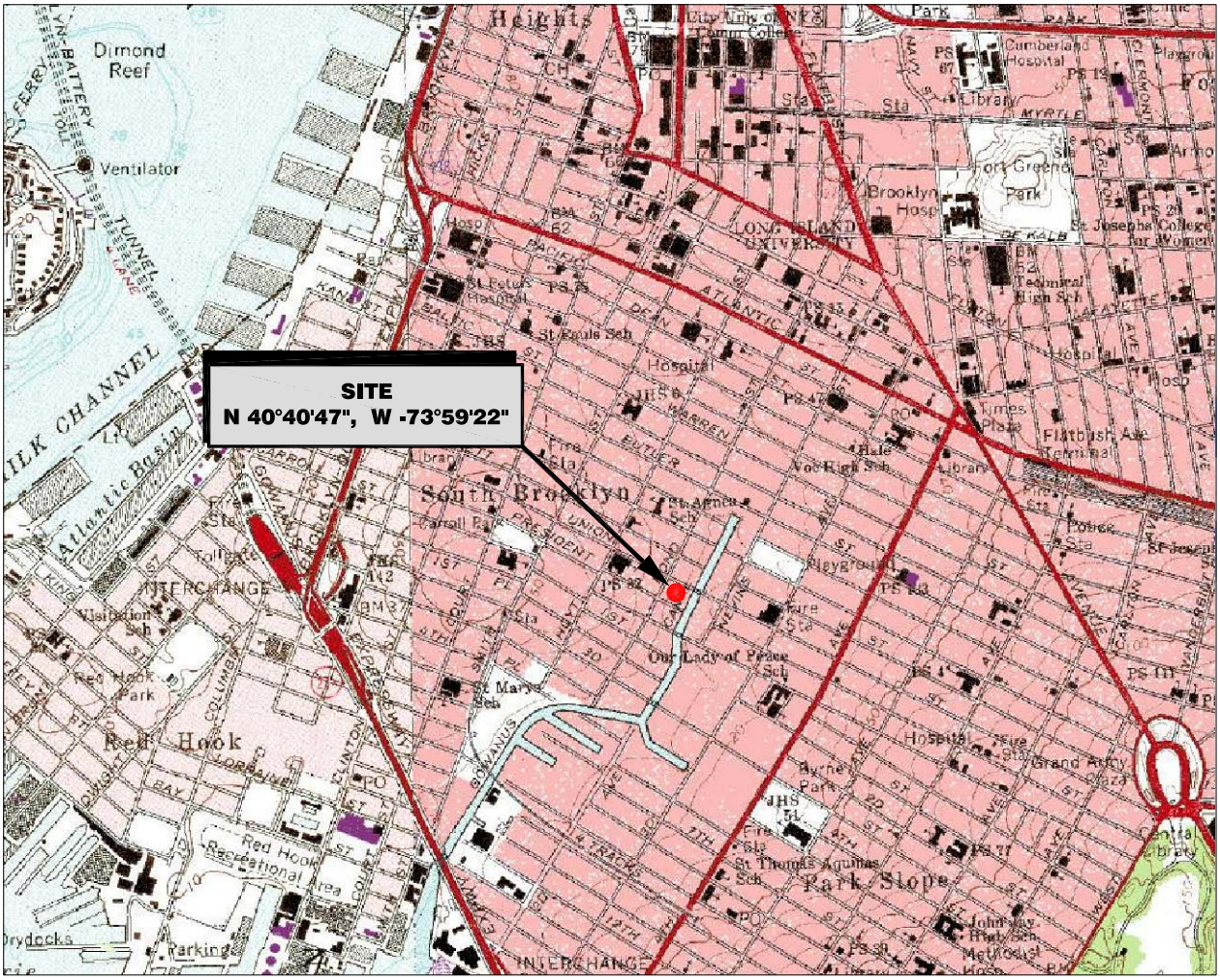
We thank you for the opportunity to provide you with our services. If you have any questions or comments, please feel free to contact us at any time.

Sincerely,

Hillmann Consulting, LLC

Chris Hirschmann, CHMM
Sr. Environmental Scientist

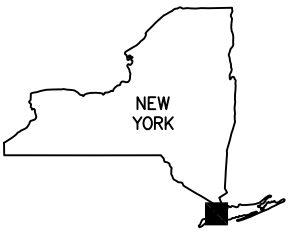
Cc: Mark Hasting, Hillmann



1 MILE 0 1 MILE

SCALE: 1" = 2,000

CONTOUR INTERVAL 10 FEET
National Geodetic Vertical Datum of 1929



QUADRANGLE LOCATION

NOTES

THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
USGS TOPOGRAPHIC MAPS
THE NARROWS [NY]

Image: HEG-150-USGS.jpg

REV. No.	DATE	BY	ENGR	CHKD	APPVD

FIGURE 1

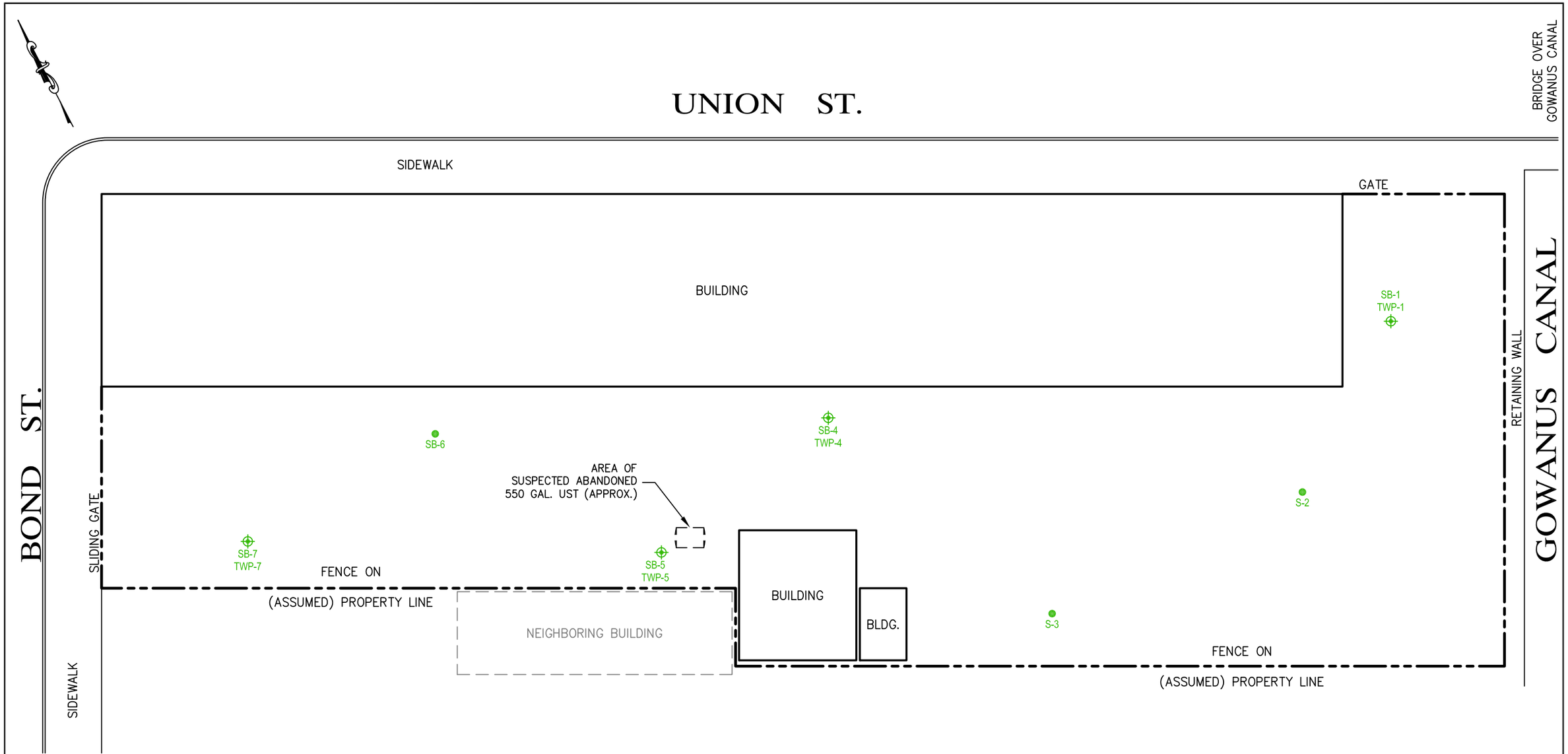
USGS SITE LOCATION MAP

450 UNION STREET
BROOKLYN, NY 11231

PROJECT MANAGER	C R H	PROJECT NO.	G6-2108

HILLMANN CONSULTING, LLC
1600 Route 22 East, Union NJ 07083
908.688.7800 (office) - 908.688.2441 (fax)
www.hillmannconsulting.com

DRAWN BY/DATE	APPROVED/DATE	DRAWING NUMBER
EBCO/06-22-14		HEG-150



LEGEND

SB-1 / TWP-1 — SOIL BORING
TEMPORARY WELL POINT
(HILLMANN 6/19/2014 – 6/20/2014)

S-2 — SOIL BORING
(HILLMANN 6/19/2014 – 6/20/2014)

GRAPHIC SCALE
0 FEET 20
1" = 20'

NOTES

1. THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
   USGS AERIAL PHOTOGRAPHY
   AND FROM FIELD MEASUREMENTS BY:
   HILLMANN CONSULTING, LLC

FIGURE 2

PHASE II SUBSURFACE INVESTIGATION
6/19/2014 - 6/20/2014

450 UNION STREET
BROOKLYN, NY 11231

PROJECT MANAGER	C R H	PROJECT NO.	G6-2108

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DRAWN BY/DATE	APPROVED/DATE	DRAWING NUMBER
EBCO/06-22-14		HEG-151

REV. No. | DATE | BY | ENGR | CHKD | APPVD

Table 1
Summary of Detected VOC Soil Compounds
460 Union Street
Brooklyn, New York

Hillmann Consulting, LLC

Client ID	NY 375-6.8(a)	S-1			S-2			S-3			S-4			S-5			S-6			S-7		
Lab Sample ID	UnRestricted	460-78044-1			460-78044-2			460-78044-3			460-78044-4			460-78044-5			460-78044-6			460-78044-7		
Sampling Date	Use Soil	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix	Cleanup	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	Criteria	1			1			50			1			1			1			1		
Unit	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
VOA-8260C-SOIL		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8260C																						
2-Butanone	0.12	0.001	U	0.001	0.0029	J	0.0011	0.36	U	0.36	0.0017	J	0.00076	0.0011	U	0.0011	0.0012	J	0.00069	0.0035	J	0.0016
Acetone	0.05	0.016	B	0.0027	0.032	B	0.0029	0.42	U	0.42	0.045	B	0.0021	**0.053**	B	0.0029	0.014	B	0.0019	0.030	B	0.0043
Carbon disulfide	NA	0.00024	U	0.00024	0.00069	J	0.00025	0.020	U	0.020	0.00022	J	0.00018	0.0029		0.00026	0.00016	U	0.00016	0.00059	J	0.00038
Carbon tetrachloride	0.76	0.00024	U	0.00024	0.00025	U	0.00025	0.0089	U	0.0089	0.00018	U	0.00018	0.00026	U	0.00026	0.00016	U	0.00016	0.00038	U	0.00038
Ethylbenzene	1	0.00027	U	0.00027	0.00029	U	0.00029	**6.6**		0.015	0.00021	U	0.00021	0.00029	U	0.00029	0.00019	U	0.00019	0.00043	U	0.00043
Isopropylbenzene	NA	0.00017	U	0.00017	0.00019	U	0.00019	**4.8**		0.012	0.00013	U	0.00013	0.00019	U	0.00019	0.00012	U	0.00012	0.00028	U	0.00028
m&p-Xylene	NA	0.00093	U	0.00093	0.001	U	0.001	0.64		0.038	0.00072	U	0.00072	0.001	U	0.001	0.00065	U	0.00065	0.0015	U	0.0015
Methylene Chloride	0.05	0.00033	J B	0.00024	0.00032	J B	0.00025	0.029	U	0.029	0.00043	J B	0.00018	0.00026	U	0.00026	0.00016	U	0.00016	0.00040	J B	0.00038
MTBE	0.93	0.00017	U	0.00017	0.00019	U	0.00019	0.022	U	0.022	0.00013	U	0.00013	0.00019	U	0.00019	0.00012	U	0.00012	0.00028	U	0.00028
Toluene	0.7	0.00022	U	0.00022	0.00024	U	0.00024	0.43		0.023	0.00017	U	0.00017	0.00024	U	0.00024	0.00015	U	0.00015	0.00035	U	0.00035
Total Conc	NA	0.01633			0.03591			16.814			0.04735			0.05618			0.0152			0.03449		
Total Estimated Conc. (TICs)	NA	0*T			0*T			244			0.101			0.359			0*T			0*T		

*T There are no TICs reported for the sample
Highlighted Concentrations shown in bold type face exceed limits
B : Compound was found in the blank and sample.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J B : Compound was found in the blank and sample.
U : Indicates the analyte was analyzed for but not detected.
U * : Indicates the analyte was analyzed for but not detected.
X : Surrogate is outside control limits

Table 2
Summary of Detected Metals Soil Compounds
460 Union Street
Brooklyn, New York

Hillmann Consulting, LLC

Client ID	NY 375-6.8(a)	S-1			S-2			S-3			S-4			S-5			S-6			S-7		
Lab Sample ID	UnRestricted	460-78044-1			460-78044-2			460-78044-3			460-78044-4			460-78044-5			460-78044-6			460-78044-7		
Sampling Date	Use Soil	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix	Cleanup	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
	Criteria																					
Unit	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
METALS-SOIL		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 6010C																						
Aluminum	NA	7560		24.2	5750		24.6	8200		25.9	4780		27.0	6930		25.8	8080		25.8	5170		24.0
Arsenic	13	6.7		0.90	6.3		0.91	6.4		0.96	2.9	J	1.0	4.5		0.96	7.1		0.95	2.1	J	0.89
Barium	350	201		1.9	225		1.9	68.5		2.0	34.5	J	2.1	108		2.0	117		2.0	91.2		1.9
Beryllium	7.2	0.48		0.30	0.33	J	0.30	0.39	J	0.32	0.33	U	0.33	0.35	J	0.32	0.44	J	0.32	0.30	U	0.30
Cadmium	2.5	0.81	J	0.31	0.85	J	0.31	0.33	U	0.33	0.35	U	0.35	0.33	U	0.33	0.46	J	0.33	0.31	U	0.31
Calcium	NA	9250		83.9	**10100**		85.0	6810		89.8	3830		93.4	**37700**		89.4	**37200**		89.2	**49200**		83.2
Chromium	NA	12.4		0.88	22.0		0.89	20.0		0.94	12.9		0.98	19.5		0.94	16.6		0.93	9.1		0.87
Cobalt	NA	6.4	J	0.99	4.8	J	1.0	6.9	J	1.1	5.1	J	1.1	4.4	J	1.1	5.6	J	1.1	2.3	J	0.98
Copper	50	**57.1**		1.9	**174**		2.0	27.0		2.1	22.7		2.1	17.6		2.1	**141**		2.1	6.3		1.9
Iron	NA	**9770**		27.3	**19700**		27.7	**16500**		29.2	**13500**		30.4	**14200**		29.1	**16200**		29.0	**8130**		27.1
Lead	63	**333**		0.90	**245**		0.91	**134**		0.96	**106**		1.0	**195**		0.96	**316**		0.96	18.9		0.89
Magnesium	NA	1250		72.8	1720		73.8	3750		77.9	2880		81.1	11100		77.6	7310		77.4	17800		72.2
Manganese	1600	194		0.95	257		0.96	184		1.0	141		1.1	613		1.0	578		1.0	835		0.94
Nickel	30	**33.3**		2.0	19.5		2.0	**38.8**		2.1	16.0		2.2	20.2		2.1	19.9		2.1	11.1		1.9
Potassium	NA	982	J	30.3	568	J	30.7	1260		32.4	937	J	33.7	938	J	32.2	1410		32.2	652	J	30.0
Silver	2	0.43	U	0.43	0.43	U	0.43	0.46	U	0.46	0.47	U	0.47	0.45	U	0.45	0.45	U	0.45	0.42	J	0.42
Sodium	NA	474	J	82.9	228	J	84.0	279	J	88.7	255	J	92.3	471	J	88.3	726	J	88.1	317	J	82.2
Thallium	NA	2.1	U	2.1	2.2	U	2.2	2.3	U	2.3	2.4	U	2.4	2.3	U	2.3	2.3	U	2.3	2.1	U	2.1
Vanadium	NA	18.5		0.91	25.0		0.92	25.4		0.97	26.1		1.0	18.6		0.97	20.0		0.96	10.6	J	0.90
Zinc	109	**273**		1.9	**596**		1.9	75.1		2.0	47.0		2.1	52.0		2.0	**274**		2.0	18.6		1.9
SOIL BY 7471B																						
Mercury	0.18	**3.1**		0.071	**0.23**		0.013	**0.44**		0.015	**0.31**		0.014	**0.26**		0.016	**0.86**		0.014	0.047		0.013

Table 3
Summary of Detected Soil SVOC Compounds

Client ID	NY 375-6.8(a)	S-1			S-2			S-3			S-4			S-5			S-6			S-7		
Lab Sample ID	UnRestricted	460-78044-1			460-78044-2			460-78044-3			460-78044-4			460-78044-5			460-78044-6			460-78044-7		
Sampling Date	Use Soil	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix	Cleanup	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	Criteria	5			2			5			50			1			2			1		
Unit	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
SVOA-8270D-SOIL		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8270D																						
2-Methylnaphthalene	NA	**1.0**	J	0.27	**0.49**	J	0.10	0.28	U	0.28	**18**	J D	2.6	0.056	U	0.056	0.10	U	0.10	0.048	U	0.048
Acenaphthene	20	2.5		0.31	0.61	J	0.12	13		0.32	**21**	D	3.0	0.47		0.063	0.23	J	0.12	0.072	J	0.054
Acenaphthylene	100	0.25	J	0.25	0.33	J	0.097	3.1		0.26	15	J D	2.4	0.24	J	0.051	0.16	J	0.094	0.044	U	0.044
Acetophenone	NA	0.33	U	0.33	0.13	U	0.13	0.34	U	0.34	3.2	U	3.2	0.067	U	0.067	0.12	U	0.12	0.057	U	0.057
Anthracene	100	4.0		0.26	1.5		0.099	2.4		0.27	44	D	2.5	0.70		0.053	0.66	J	0.096	0.18	J	0.045
Atrazine	NA	0.33	U	0.33	0.13	U	0.13	0.34	U	0.34	3.2	U	3.2	0.067	U	0.067	0.12	U	0.12	0.057	U	0.057
Benzaldehyde	NA	0.25	U	0.25	0.096	U	0.096	0.26	U	0.26	2.4	U	2.4	0.051	U	0.051	0.093	U	0.093	0.044	U	0.044
Benzo[a]anthracene	1	**6.4**		0.015	**4.2**		0.0057	**4.6**		0.015	**73**	D	0.14	**2.3**		0.003	**3.5**		0.0055	**0.48**		0.0026
Benzo[a]pyrene	1	**5.5**		0.015	**4.2**		0.0058	**4.1**		0.015	**67**	D	0.15	**2.2**		0.0031	**3.8**		0.0056	**0.51**		0.0026
Benzo[b]fluoranthene	1	**8.1**		0.013	**5.3**		0.0052	**4.6**		0.014	**95**	D	0.13	**3.1**		0.0027	**4.6**		0.005	**0.80**		0.0023
Benzo[g,h,i]perylene	100	1.6	J *	0.16	2.6	*	0.061	0.97	J *	0.16	15	D *	1.5	0.41	J *	0.032	3.1	*	0.059	0.13	J *	0.027
Benzo[k]fluoranthene	0.8	**3.4**		0.016	**2.0**		0.0062	**1.8**		0.017	**42**	D	0.16	**1.4**		0.0033	**1.6**		0.006	**0.28**		0.0028
Carbazole	NA	2.0	J	0.25	0.67	J	0.097	0.47	J	0.26	31	D	2.4	0.11	J	0.051	0.39	J	0.094	0.059	J	0.044
Chrysene	1	**6.9**		0.25	**5.3**		0.095	**5.3**		0.26	**83**	D	2.4	**2.2**		0.051	**4.2**		0.093	**0.54**		0.043
Dibenz(a,h)anthracene	0.33	**0.53**		0.027	**0.71**		0.010	**0.48**		0.028	**5.5**	D	0.26	**0.18**		0.0055	**0.73**		0.010	**0.064**		0.0047
Dibenzofuran	7	1.7	J	0.25	0.58	J	0.096	1.9	J	0.26	**36**	D	2.4	0.17	J	0.051	0.19	J	0.093	0.063	J	0.043
Diphenyl	NA	0.37	J	0.28	0.20	J	0.11	0.29	U	0.29	6.2	J D	2.8	0.058	U	0.058	0.11	U	0.11	0.050	U	0.050
Fluoranthene	100	20		0.28	8.5		0.11	12		0.29	**290**	D	2.7	6.0		0.058	7.7		0.11	1.2		0.049
Fluorene	30	2.1		0.27	0.70	J	0.10	1.2	J	0.28	**47**	D	2.6	0.33	J	0.055	0.22	J	0.10	0.091	J	0.047
Hexachlorobenzene	0.33	0.029	U	0.029	0.011	U	0.011	0.030	U	0.030	0.28	U	0.28	0.0059	U	0.0059	0.011	U	0.011	0.0051	U	0.0051
Indeno[1,2,3-cd]pyrene	0.5	**1.9**		0.039	**3.0**		0.015	**1.4**		0.041	**19**	D	0.38	**0.62**		0.0081	**3.2**		0.015	0.18		0.0069
Naphthalene	12	2.1		0.25	1.2		0.095	0.74	J	0.25	**37**	D	2.4	0.17	J	0.050	0.18	J	0.092	0.086	J	0.043
Nitrobenzene	NA	0.030	U *	0.030	0.012	U *	0.012	0.031	U *	0.031	0.29	U *	0.29	0.0062	U *	0.0062	0.011	U *	0.011	0.0053	U *	0.0053
Phenanthrene	100	20		0.27	6.6		0.10	4.5		0.28	**270**	D	2.6	1.5		0.055	3.9		0.10	0.87		0.047
Pyrene	100	11		0.18	7.4		0.068	8.1		0.18	**120**	D	1.7	2.7		0.036	7.2		0.066	0.68		0.031
Total Conc	NA	101.35			56.09			70.66			1334.7			24.92			45.56			6.367		
Total Estimated Conc. (TICs)	NA	3.9			37.39			43.1			115			51.8			12.61			0.57		

Highlighted Concentrations shown in bold type face exceed limits
* : Recovery or RPD exceeds control limits
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.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J * : Recovery or RPD exceeds control limits
J D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J D * : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
U * : Recovery or RPD exceeds control limits

Table 4
Summary of Detected SVOC Groundwater Compounds
460 Union Street
Brooklyn, New York

Hillmann Consulting, LLC

Client ID	NY NYSDEC	TWP-1			TWP-4			TWP-5			TWP-7		
Lab Sample ID	Groundwater	460-78044-8			460-78044-9			460-78044-10			460-78044-11		
Sampling Date	Criteria	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix		Water			Water			Water			Water		
Dilution Factor		1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l		
SVOA-8270D-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8270D													
4-Nitroaniline	NA	3.6	U *	3.6	3.5	U *	3.5	3.5	U *	3.5	3.2	U *	3.2
4-Nitrophenol	5	2.5	U *	2.5	2.4	U *	2.4	2.4	U *	2.4	2.2	U *	2.2
Acenaphthene	20	1.4	U	1.4	6.1	J	1.3	1.3	U	1.3	1.2	U	1.2
Acenaphthylene	20	2.3	U	2.3	2.8	J	2.1	2.1	U	2.1	2.0	U	2.0
Anthracene	50	1.1	U	1.1	2.3	J	1.0	1.0	U	1.0	0.92	U	0.92
Benzo[k]fluoranthene	0.002	**0.66**	J	0.18	**0.79**	J	0.17	**0.80**	J	0.17	0.15	U	0.15
Caprolactam	NA	1.1	U *	1.1	1.1	U *	1.1	1.1	U *	1.1	3.1	J *	0.99
Carbazole	NA	1.5	U	1.5	11	J	1.4	1.4	U	1.4	1.3	U	1.3
Chrysene	0.002	**2.2**	J	1.8	**2.2**	J	1.7	**1.7**	J	1.7	1.5	U	1.5
Dibenz(a,h)anthracene	50	0.20	U	0.20	0.20	J	0.19	0.19	U	0.19	0.17	U	0.17
Dibenzofuran	5	1.9	U	1.9	**7.1**	J	1.8	1.8	U	1.8	1.6	U	1.6
Di-n-butyl phthalate	50	1.8	J *	1.3	1.2	U *	1.2	1.2	U *	1.2	2.4	J *	1.1
Fluoranthene	50	4.7	J	1.4	8.7	J	1.3	3.4	J	1.3	1.2	U	1.2
Fluorene	50	2.1	U	2.1	8.7	J	2.0	2.0	U	2.0	1.8	U	1.8
Indeno[1,2,3-cd]pyrene	0.002	**1.3**		0.14	**1.0**	J	0.13	**1.0**	J	0.13	0.12	U	0.12
Phenanthrene	50	1.5	U	1.5	19		1.4	2.9	J	1.4	1.6	J	1.3
Total Conc	NA	12.06			73.29			9.8			7.1		
Total Estimated Conc. (TICs)	NA	0.0*T			10.0			0.0*T			0.0*T		

Client ID	NY NYSDEC	TWP-1			TWP-4			TWP-5			TWP-7		
Lab Sample ID	Groundwater	460-78044-8			460-78044-9			460-78044-10			460-78044-11		
Sampling Date	Criteria	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix		Water			Water			Water			Water		
Dilution Factor		1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l		
SVOA-8270D SIM-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8270D SIM													
Benzo[a]anthracene	0.002	**2.3**		0.044	**1.9**		0.042	**1.3**		0.042	**0.19**		0.038
Benzo[a]pyrene	0.002	**2.6**		0.059	**1.4**		0.057	**1.3**		0.057	**0.13**		0.052
Benzo[b]fluoranthene	0.002	**1.8**		0.037	**2.0**		0.036	**1.5**		0.036	**0.16**		0.033
Total Conc	NA	6.7			5.3			4.1			0.48		

*T There are no TICs reported for the sample
Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J * : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
U * : Recovery or RPD exceeds control limits
X : Surrogate is outside control limits

Table 5
Summary of Detected Metals Groundwater

460 Union Street
Brooklyn, New York

Hillmann Consulting, LLC

Client ID	NY NYSDEC	TWP-1			TWP-4			TWP-5			TWP-7		
Lab Sample ID	Groundwater	460-78044-8			460-78044-9			460-78044-10			460-78044-11		
Sampling Date	Criteria	06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00			06/18/2014 00:00:00		
Matrix		Water			Water			Water			Water		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l		
METALS-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 6020													
Aluminum	NA	65100		46.7	748000		234	1060000		467	467000		187
Antimony	NA	5.5		2.2	6.2		2.2	14.8		2.2	3.6		2.2
Arsenic	NA	295		2.3	703		2.3	1200		2.3	278		2.3
Barium	NA	714		4.5	9320		4.5	4460		4.5	6010		4.5
Beryllium	NA	4.3		0.88	57.0		0.88	75.0		0.88	34.7		0.88
Cadmium	NA	2.7		2.0	18.9		2.0	64.3		2.0	12.1		2.0
Calcium	NA	197000		237	1000000		237	3680000		2370	473000		237
Chromium	NA	222		4.6	1580		4.6	3250		4.6	1100		4.6
Cobalt	NA	71.6		4.5	607		4.5	981		4.5	392		4.5
Copper	NA	375		4.7	3600		4.7	20700		46.8	3890		4.7
Iron	NA	156000		142	1800000		710	2800000		1420	730000		142
Lead	NA	1120		1.4	16100		1.4	41600		13.9	11300		1.4
Magnesium	NA	87700		224	381000		224	599000		224	295000		224
Manganese	NA	14100		9.1	31800		9.1	58500		9.1	23800		9.1
Nickel	NA	260		4.7	2120		4.7	4430		4.7	1860		4.7
Potassium	NA	50600		211	140000		211	148000		211	103000		211
Selenium	NA	12.4		2.2	45.6		2.2	59.1		2.2	25.0		2.2
Silver	NA	4.6	U	4.6	17.0		4.6	27.0		4.6	11.3		4.6
Sodium	NA	528000		213	297000		213	405000		213	168000		213
Thallium	NA	1.3		0.94	12.5		0.94	14.9		0.94	6.5		0.94
Vanadium	NA	163		4.4	1910		4.4	2690		4.4	1100		4.4
Zinc	NA	1130		17.7	8590		88.5	36600		177	6420		70.8
WATER BY 7470A													
Mercury	NA	13.8		0.48	34.1		1.6	20.4		0.80	86.1		1.6

U : Indicates the analyte was analyzed for but not detected.

APPENDIX A

SOIL BORING LOGS

Hillmann Consulting, LLC **Soil Boring: SB-1**

Boring Log

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	18 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-1 collected at 0915 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Refusal at 18 feet bgs / Temporary Well Point (TWP) installed			Groundwater TWP-1 collected at 0930
19							
20							

Hillmann Consulting, LLC **Soil Boring: SB-2**

Boring Log

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-2 collected at 1030 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs			
19							
20							

Hillmann Consulting, LLC

Soil Boring: SB-3

Boring Log

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-3 collected at 1200 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs			
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-4

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-4 collected at 1245 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs / TWP Installed			GW Sample TWP-4 collected at 1245
19							
20							

Hillmann Consulting, LLC

Soil Boring: SB-5

Boring Log

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-5 collected at 1400 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs / TWP Installed			GW Sample TWP-5 collected at 1400
19							
20							

Hillmann Consulting, LLC **Soil Boring: SB-6**

Boring Log

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-6 collected at 1600 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs			
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-7

Project:	G6-2108	Date Started:	6/18/2014	Lat/Northing:	
Location:	450 Union St, Bklyn, NY	Date Finished:	6/18/2014	Long/Easting:	
Client:	Cogswell Realty, LLC	Total Depth:	20 ft bgs	Surface Elev:	
Drilling Co.:	Zebra	Rig Type:	Direct Push	Depth to GW:	
Logged by:	C. Hirschmann	Sample Type:	Macrocore		

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Urban FILL	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		
13					0		
							Soil sample S-7 collected at 1700 from
14				Groundwater encountered at 14 feet bgs	0		13.5 - 14.0 feet bgs
15					0		
16					0		
17					0		
18				Boring terminated at 20 feet bgs / TWP Installed			GW sample TWP-7 collected at 1700
19							
20							

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-78044-1

Job Description: G6-2108

For:
Hillmann Consulting LLC
1600 RTE 22 East
Suite 107
Union, NJ 07083

Attention: Chris Hirschmann



Approved for release.
Sarah E Brown
Project Management Assistant II
6/27/2014 10:25 AM

Designee for
Maria Luisa Cruz, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
luisa.cruz@testamericainc.com
06/27/2014

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-78044-1

Job Description: G6-2108

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Sarah E Brown
Project Management Assistant II
6/27/2014 10:25 AM

Designee for
Maria Luisa Cruz

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CASE NARRATIVE

Client: Hillmann Consulting LLC

Project: G6-2108

Report Number: 460-78044-1

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 6/19/2014 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1º C and 2.9º C.

Except:

The Chain-of-Custody (COC) was improperly completed. The sample date was written as 06/19/14 on the COC, which was in conflict with the receipt date and time at the laboratory. The client was contacted and confirmed the sample collection date was 06/18/14.

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.

VOLATILE ORGANICS

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 06/19/2014 and analyzed on 06/22/2014 and 06/24/2014.

Acetone was detected in blanks MB 460-232119/6 and LB3 460-231714/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in blank LB3 460-231714/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 232468 recovered outside control limits for the following analytes: Chloroethane, 1,4-Dioxane. These analytes were biased high in the LCS and/or LCSD and were not detected in the associated sample; therefore, the data have been reported.

Surrogate recovery (Dibromofluoromethane) for the following sample was outside control limits: S-5 (460-78044-5). Surrogate recovery for the other three system monitoring compounds were within control limits, therefore re-analysis was not performed.

The continuing calibration verification (CCV) associated with batch 232119 recovered outside control limits for the following analyte: 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 232468 recovered above the upper control limits for the following analytes: Chloroethane, Acetone, 1,4-Dioxane, 1,2,4-Trichlorobenzene. The sample associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

The following sample was diluted to bring the concentration of target analytes within the calibration range and due to the abundance of

non-target analytes: S-3 (460-78044-3). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/23/2014 and 06/24/2014.

The continuing calibration verification (CCV) associated with batch 232261 recovered outside control limits for the following analytes: 2-Hexanone, 4-Methyl-2-Pentanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS) - SELECTED ION MODE (SIM)

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for volatile organic compounds (GC-MS) - Selected Ion Mode (SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 06/20/2014.

No difficulties were encountered during the volatile organic compounds (GC-MS) - Selected Ion Mode (SIM) analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/19/2014 and analyzed on 06/24/2014 and 06/25/2014.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 231764 had two analytes (Benzo[g,h,i]perylene, Nitrobenzene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 232407 was outside the method criteria for the following analyte: Di-n-octylphthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 232560 was outside the method criteria for the following analytes: Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

Samples S-1 (460-78044-1)[5X], S-2 (460-78044-2)[2X], S-3 (460-78044-3)[5X], S-4 (460-78044-4)[50X] and S-6 (460-78044-6)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to abundance of target analytes: S-4 (460-78044-4). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/20/2014 and analyzed on 06/23/2014.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 231898 had three analytes (4-Nitrophenol, Caprolactam, Di-n-butyl phthalate) outside control limits and the LCSD had four analytes (1,2,4,5-Tetrachlorobenzene, 4-Nitroaniline, 4-Nitrophenol, Caprolactam)

outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with batch 231898 contained one base surrogate (Terphenyl-d14) outside acceptance limits. The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Six surrogates are used for this analysis, three acid and three base neutrals. The laboratory's SOP allows one surrogate from each fraction to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained one surrogate compound (Terphenyl-d14) outside limits: TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10), TWP-7 (460-78044-11). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 232192 was outside the method criteria for the following analytes: 2,4-Dinitrophenol, Di-n-butylphthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/20/2014 and analyzed on 06/24/2014 and 06/25/2014.

No difficulties were encountered during the semivolatile organic compounds (GC/MS) analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared and analyzed on 06/20/2014.

Surrogate recovery (DCB) for the following sample was outside control limits on the primary column but was within control limits on the secondary column: S-3 (460-78044-3). 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 Pesticides analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for Pesticides in accordance with EPA SW-846 Methods 1311/ 8081A. The samples were prepared on 06/20/2014 and analyzed on 06/21/2014.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 06/20/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 06/20/2014 and analyzed on 06/21/2014 and 06/23/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

METALS
Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared and analyzed on 06/20/2014.

Antimony failed the recovery criteria low for the MS of sample 460-77665-5 in batch 460-232053. Aluminum and Iron failed the recovery criteria high.

Refer to the QC report for details.

Samples S-1 (460-78044-1)[4X], S-2 (460-78044-2)[4X], S-3 (460-78044-3)[4X], S-4 (460-78044-4)[4X], S-5 (460-78044-5)[4X], S-6 (460-78044-6)[4X] and S-7 (460-78044-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS
Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for total metals in accordance with EPA SW-846 Method 6020. The samples were prepared on 06/20/2014 and analyzed on 06/25/2014.

Several analytes failed the recovery criteria low for the MS of sample 460-78073-2 in batch 460-232799.

Refer to the QC report for details.

Samples TWP-4 (460-78044-9)[25X], TWP-5 (460-78044-10)[50X] and TWP-7 (460-78044-11)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 06/20/2014.

Samples TWP-1 (460-78044-8)[3X], TWP-4 (460-78044-9)[10X], TWP-5 (460-78044-10)[5X] and TWP-7 (460-78044-11)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 06/20/2014.

Mercury failed the recovery criteria low for the MS of sample 460-77502-10 in batch 460-231883.

Refer to the QC report for details.

Sample S-1 (460-78044-1)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples TWP-1 (460-78044-8), TWP-4 (460-78044-9), TWP-5 (460-78044-10) and TWP-7 (460-78044-11) were analyzed for total cyanide in accordance with EPA Method 335.4. The samples were prepared and analyzed on 06/24/2014.

Cyanide, Total failed the recovery criteria low for the MS of sample 460-77959-2 in batch 460-232558.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 06/24/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples S-1 (460-78044-1), S-2 (460-78044-2), S-3 (460-78044-3), S-4 (460-78044-4), S-5 (460-78044-5), S-6 (460-78044-6) and S-7 (460-78044-7) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 06/19/2014.

The sample duplicate precision for the following sample associated with batch 231696 was outside control limits: 460-78044-5 DU.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-78044-1	S-1	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-2	S-2	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-3	S-3	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-4	S-4	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-5	S-5	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-6	S-6	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-7	S-7	Solid	06/18/2014 0000	06/19/2014 1230
460-78044-8	TWP-1	Water	06/18/2014 0000	06/19/2014 1230
460-78044-9	TWP-4	Water	06/18/2014 0000	06/19/2014 1230
460-78044-10	TWP-5	Water	06/18/2014 0000	06/19/2014 1230
460-78044-11	TWP-7	Water	06/18/2014 0000	06/19/2014 1230

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-1	**S-1**					
Methylene Chloride		0.33	J B	1.6	ug/Kg	8260C
Acetone		16	B	7.9	ug/Kg	8260C
2-Methylnaphthalene		1000	J	2100	ug/Kg	8270D
Acenaphthene		2500		2100	ug/Kg	8270D
Acenaphthylene		250	J	2100	ug/Kg	8270D
Anthracene		4000		2100	ug/Kg	8270D
Benzo[a]anthracene		6400		210	ug/Kg	8270D
Benzo[a]pyrene		5500		210	ug/Kg	8270D
Benzo[b]fluoranthene		8100		210	ug/Kg	8270D
Benzo[g,h,i]perylene		1600	J *	2100	ug/Kg	8270D
Benzo[k]fluoranthene		3400		210	ug/Kg	8270D
Carbazole		2000	J	2100	ug/Kg	8270D
Chrysene		6900		2100	ug/Kg	8270D
Dibenz(a,h)anthracene		530		210	ug/Kg	8270D
Dibenzofuran		1700	J	2100	ug/Kg	8270D
Diphenyl		370	J	2100	ug/Kg	8270D
Fluoranthene		20000		2100	ug/Kg	8270D
Fluorene		2100		2100	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1900		210	ug/Kg	8270D
Naphthalene		2100		2100	ug/Kg	8270D
Phenanthrene		20000		2100	ug/Kg	8270D
Pyrene		11000		2100	ug/Kg	8270D
Aluminum		7560		43.9	mg/Kg	6010C
Arsenic		6.7		3.3	mg/Kg	6010C
Barium		201		43.9	mg/Kg	6010C
Beryllium		0.48		0.44	mg/Kg	6010C
Cadmium		0.81	J	0.88	mg/Kg	6010C
Calcium		9250		1100	mg/Kg	6010C
Chromium		12.4		2.2	mg/Kg	6010C
Cobalt		6.4	J	11.0	mg/Kg	6010C
Copper		57.1		5.5	mg/Kg	6010C
Iron		9770		32.9	mg/Kg	6010C
Lead		333		2.2	mg/Kg	6010C
Magnesium		1250		1100	mg/Kg	6010C
Manganese		194		3.3	mg/Kg	6010C
Nickel		33.3		8.8	mg/Kg	6010C
Potassium		982	J	1100	mg/Kg	6010C
Sodium		474	J	1100	mg/Kg	6010C
Vanadium		18.5		11.0	mg/Kg	6010C
Zinc		273		6.6	mg/Kg	6010C
Mercury		3.1		0.10	mg/Kg	7471B
Cyanide, Total		0.14		0.13	mg/Kg	9012B
Percent Moisture		22.0		1.0	%	Moisture
Percent Solids		78.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-2	**S-2**					
Methylene Chloride		0.32	J B	1.7	ug/Kg	8260C
Acetone		32	B	8.5	ug/Kg	8260C
Carbon disulfide		0.69	J	1.7	ug/Kg	8260C
2-Butanone		2.9	J	8.5	ug/Kg	8260C
2-Methylnaphthalene		490	J	810	ug/Kg	8270D
Acenaphthene		610	J	810	ug/Kg	8270D
Acenaphthylene		330	J	810	ug/Kg	8270D
Anthracene		1500		810	ug/Kg	8270D
Benzo[a]anthracene		4200		81	ug/Kg	8270D
Benzo[a]pyrene		4200		81	ug/Kg	8270D
Benzo[b]fluoranthene		5300		81	ug/Kg	8270D
Benzo[g,h,i]perylene		2600	*	810	ug/Kg	8270D
Benzo[k]fluoranthene		2000		81	ug/Kg	8270D
Carbazole		670	J	810	ug/Kg	8270D
Chrysene		5300		810	ug/Kg	8270D
Dibenz(a,h)anthracene		710		81	ug/Kg	8270D
Dibenzofuran		580	J	810	ug/Kg	8270D
Diphenyl		200	J	810	ug/Kg	8270D
Fluoranthene		8500		810	ug/Kg	8270D
Fluorene		700	J	810	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		3000		81	ug/Kg	8270D
Naphthalene		1200		810	ug/Kg	8270D
Phenanthrene		6600		810	ug/Kg	8270D
Pyrene		7400		810	ug/Kg	8270D
Aluminum		5750		44.4	mg/Kg	6010C
Arsenic		6.3		3.3	mg/Kg	6010C
Barium		225		44.4	mg/Kg	6010C
Beryllium		0.33	J	0.44	mg/Kg	6010C
Cadmium		0.85	J	0.89	mg/Kg	6010C
Calcium		10100		1110	mg/Kg	6010C
Chromium		22.0		2.2	mg/Kg	6010C
Cobalt		4.8	J	11.1	mg/Kg	6010C
Copper		174		5.6	mg/Kg	6010C
Iron		19700		33.3	mg/Kg	6010C
Lead		245		2.2	mg/Kg	6010C
Magnesium		1720		1110	mg/Kg	6010C
Manganese		257		3.3	mg/Kg	6010C
Nickel		19.5		8.9	mg/Kg	6010C
Potassium		568	J	1110	mg/Kg	6010C
Sodium		228	J	1110	mg/Kg	6010C
Vanadium		25.0		11.1	mg/Kg	6010C
Zinc		596		6.7	mg/Kg	6010C
Mercury		0.23		0.019	mg/Kg	7471B
Percent Moisture		18.9		1.0	%	Moisture
Percent Solids		81.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-3	**S-3**					
Benzene		280		160	ug/Kg	8260C
Styrene		180		160	ug/Kg	8260C
m&p-Xylene		640		160	ug/Kg	8260C
o-Xylene		3800		160	ug/Kg	8260C
Ethylbenzene		6600		160	ug/Kg	8260C
Isopropylbenzene		4800		160	ug/Kg	8260C
Toluene		430		160	ug/Kg	8260C
Methylcyclohexane		84	J	160	ug/Kg	8260C
Acenaphthene		13000		2200	ug/Kg	8270D
Acenaphthylene		3100		2200	ug/Kg	8270D
Anthracene		2400		2200	ug/Kg	8270D
Benzo[a]anthracene		4600		220	ug/Kg	8270D
Benzo[a]pyrene		4100		220	ug/Kg	8270D
Benzo[b]fluoranthene		4600		220	ug/Kg	8270D
Benzo[g,h,i]perylene		970	J *	2200	ug/Kg	8270D
Benzo[k]fluoranthene		1800		220	ug/Kg	8270D
Carbazole		470	J	2200	ug/Kg	8270D
Chrysene		5300		2200	ug/Kg	8270D
Dibenz(a,h)anthracene		480		220	ug/Kg	8270D
Dibenzofuran		1900	J	2200	ug/Kg	8270D
Fluoranthene		12000		2200	ug/Kg	8270D
Fluorene		1200	J	2200	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1400		220	ug/Kg	8270D
Naphthalene		740	J	2200	ug/Kg	8270D
Phenanthrene		4500		2200	ug/Kg	8270D
Pyrene		8100		2200	ug/Kg	8270D
Aluminum		8200		46.9	mg/Kg	6010C
Arsenic		6.4		3.5	mg/Kg	6010C
Barium		68.5		46.9	mg/Kg	6010C
Beryllium		0.39	J	0.47	mg/Kg	6010C
Calcium		6810		1170	mg/Kg	6010C
Chromium		20.0		2.3	mg/Kg	6010C
Cobalt		6.9	J	11.7	mg/Kg	6010C
Copper		27.0		5.9	mg/Kg	6010C
Iron		16500		35.2	mg/Kg	6010C
Lead		134		2.3	mg/Kg	6010C
Magnesium		3750		1170	mg/Kg	6010C
Manganese		184		3.5	mg/Kg	6010C
Nickel		38.8		9.4	mg/Kg	6010C
Potassium		1260		1170	mg/Kg	6010C
Sodium		279	J	1170	mg/Kg	6010C
Vanadium		25.4		11.7	mg/Kg	6010C
Zinc		75.1		7.0	mg/Kg	6010C
Mercury		0.44		0.022	mg/Kg	7471B
Cyanide, Total		0.075	J	0.13	mg/Kg	9012B
Percent Moisture		24.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Solids		75.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-4	**S-4**					
Methylene Chloride		0.43	J B	1.2	ug/Kg	8260C
Acetone		45	B	6.1	ug/Kg	8260C
Carbon disulfide		0.22	J	1.2	ug/Kg	8260C
2-Butanone		1.7	J	6.1	ug/Kg	8260C
2-Methylnaphthalene		18000	J D	20000	ug/Kg	8270D
Acenaphthene		21000	D	20000	ug/Kg	8270D
Acenaphthylene		15000	J D	20000	ug/Kg	8270D
Anthracene		44000	D	20000	ug/Kg	8270D
Benzo[a]anthracene		73000	D	2000	ug/Kg	8270D
Benzo[a]pyrene		67000	D	2000	ug/Kg	8270D
Benzo[b]fluoranthene		95000	D	2000	ug/Kg	8270D
Benzo[g,h,i]perylene		15000	J D *	20000	ug/Kg	8270D
Benzo[k]fluoranthene		42000	D	2000	ug/Kg	8270D
Carbazole		31000	D	20000	ug/Kg	8270D
Chrysene		83000	D	20000	ug/Kg	8270D
Dibenz(a,h)anthracene		5500	D	2000	ug/Kg	8270D
Dibenzofuran		36000	D	20000	ug/Kg	8270D
Diphenyl		6200	J D	20000	ug/Kg	8270D
Fluoranthene		290000	D	20000	ug/Kg	8270D
Fluorene		47000	D	20000	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		19000	D	2000	ug/Kg	8270D
Naphthalene		37000	D	20000	ug/Kg	8270D
Phenanthrene		270000	D	20000	ug/Kg	8270D
Pyrene		120000	D	20000	ug/Kg	8270D
Aluminum		4780		48.8	mg/Kg	6010C
Arsenic		2.9	J	3.7	mg/Kg	6010C
Barium		34.5	J	48.8	mg/Kg	6010C
Calcium		3830		1220	mg/Kg	6010C
Chromium		12.9		2.4	mg/Kg	6010C
Cobalt		5.1	J	12.2	mg/Kg	6010C
Copper		22.7		6.1	mg/Kg	6010C
Iron		13500		36.6	mg/Kg	6010C
Lead		106		2.4	mg/Kg	6010C
Magnesium		2880		1220	mg/Kg	6010C
Manganese		141		3.7	mg/Kg	6010C
Nickel		16.0		9.8	mg/Kg	6010C
Potassium		937	J	1220	mg/Kg	6010C
Sodium		255	J	1220	mg/Kg	6010C
Vanadium		26.1		12.2	mg/Kg	6010C
Zinc		47.0		7.3	mg/Kg	6010C
Mercury		0.31		0.019	mg/Kg	7471B
Cyanide, Total		0.19		0.12	mg/Kg	9012B
Percent Moisture		19.7		1.0	%	Moisture
Percent Solids		80.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-5	**S-5**					
Acetone		53	B	8.5	ug/Kg	8260C
Carbon disulfide		2.9		1.7	ug/Kg	8260C
Benzene		0.28	J	1.7	ug/Kg	8260C
Acenaphthene		470		430	ug/Kg	8270D
Acenaphthylene		240	J	430	ug/Kg	8270D
Anthracene		700		430	ug/Kg	8270D
Benzo[a]anthracene		2300		43	ug/Kg	8270D
Benzo[a]pyrene		2200		43	ug/Kg	8270D
Benzo[b]fluoranthene		3100		43	ug/Kg	8270D
Benzo[g,h,i]perylene		410	J *	430	ug/Kg	8270D
Benzo[k]fluoranthene		1400		43	ug/Kg	8270D
Carbazole		110	J	430	ug/Kg	8270D
Chrysene		2200		430	ug/Kg	8270D
Dibenz(a,h)anthracene		180		43	ug/Kg	8270D
Dibenzofuran		170	J	430	ug/Kg	8270D
Di-n-butyl phthalate		120	J	430	ug/Kg	8270D
Fluoranthene		6000		430	ug/Kg	8270D
Fluorene		330	J	430	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		620		43	ug/Kg	8270D
Naphthalene		170	J	430	ug/Kg	8270D
Phenanthrene		1500		430	ug/Kg	8270D
Pyrene		2700		430	ug/Kg	8270D
Aluminum		6930		46.7	mg/Kg	6010C
Arsenic		4.5		3.5	mg/Kg	6010C
Barium		108		46.7	mg/Kg	6010C
Beryllium		0.35	J	0.47	mg/Kg	6010C
Calcium		37700		1170	mg/Kg	6010C
Chromium		19.5		2.3	mg/Kg	6010C
Cobalt		4.4	J	11.7	mg/Kg	6010C
Copper		17.6		5.8	mg/Kg	6010C
Iron		14200		35.0	mg/Kg	6010C
Lead		195		2.3	mg/Kg	6010C
Magnesium		11100		1170	mg/Kg	6010C
Manganese		613		3.5	mg/Kg	6010C
Nickel		20.2		9.3	mg/Kg	6010C
Potassium		938	J	1170	mg/Kg	6010C
Sodium		471	J	1170	mg/Kg	6010C
Vanadium		18.6		11.7	mg/Kg	6010C
Zinc		52.0		7.0	mg/Kg	6010C
Mercury		0.26		0.022	mg/Kg	7471B
Percent Moisture		23.6		1.0	%	Moisture
Percent Solids		76.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-6	**S-6**					
Acetone		14	B	5.5	ug/Kg	8260C
2-Butanone		1.2	J	5.5	ug/Kg	8260C
Acenaphthene		230	J	790	ug/Kg	8270D
Acenaphthylene		160	J	790	ug/Kg	8270D
Anthracene		660	J	790	ug/Kg	8270D
Benzo[a]anthracene		3500		79	ug/Kg	8270D
Benzo[a]pyrene		3800		79	ug/Kg	8270D
Benzo[b]fluoranthene		4600		79	ug/Kg	8270D
Benzo[g,h,i]perylene		3100	*	790	ug/Kg	8270D
Benzo[k]fluoranthene		1600		79	ug/Kg	8270D
Carbazole		390	J	790	ug/Kg	8270D
Chrysene		4200		790	ug/Kg	8270D
Dibenz(a,h)anthracene		730		79	ug/Kg	8270D
Dibenzofuran		190	J	790	ug/Kg	8270D
Fluoranthene		7700		790	ug/Kg	8270D
Fluorene		220	J	790	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		3200		79	ug/Kg	8270D
Naphthalene		180	J	790	ug/Kg	8270D
Phenanthrene		3900		790	ug/Kg	8270D
Pyrene		7200		790	ug/Kg	8270D
Aluminum		8080		46.6	mg/Kg	6010C
Arsenic		7.1		3.5	mg/Kg	6010C
Barium		117		46.6	mg/Kg	6010C
Beryllium		0.44	J	0.47	mg/Kg	6010C
Cadmium		0.46	J	0.93	mg/Kg	6010C
Calcium		37200		1170	mg/Kg	6010C
Chromium		16.6		2.3	mg/Kg	6010C
Cobalt		5.6	J	11.7	mg/Kg	6010C
Copper		141		5.8	mg/Kg	6010C
Iron		16200		35.0	mg/Kg	6010C
Lead		316		2.3	mg/Kg	6010C
Magnesium		7310		1170	mg/Kg	6010C
Manganese		578		3.5	mg/Kg	6010C
Nickel		19.9		9.3	mg/Kg	6010C
Potassium		1410		1170	mg/Kg	6010C
Sodium		726	J	1170	mg/Kg	6010C
Vanadium		20.0		11.7	mg/Kg	6010C
Zinc		274		7.0	mg/Kg	6010C
Mercury		0.86		0.020	mg/Kg	7471B
Cyanide, Total		0.11	J	0.12	mg/Kg	9012B
Percent Moisture		16.7		1.0	%	Moisture
Percent Solids		83.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-7	**S-7**					
Methylene Chloride		0.40	J B	2.5	ug/Kg	8260C
Acetone		30	B	13	ug/Kg	8260C
Carbon disulfide		0.59	J	2.5	ug/Kg	8260C
2-Butanone		3.5	J	13	ug/Kg	8260C
Acenaphthene		72	J	370	ug/Kg	8270D
Anthracene		180	J	370	ug/Kg	8270D
Benzo[a]anthracene		480		37	ug/Kg	8270D
Benzo[a]pyrene		510		37	ug/Kg	8270D
Benzo[b]fluoranthene		800		37	ug/Kg	8270D
Benzo[g,h,i]perylene		130	J *	370	ug/Kg	8270D
Benzo[k]fluoranthene		280		37	ug/Kg	8270D
Carbazole		59	J	370	ug/Kg	8270D
Chrysene		540		370	ug/Kg	8270D
Dibenz(a,h)anthracene		64		37	ug/Kg	8270D
Dibenzofuran		63	J	370	ug/Kg	8270D
Di-n-butyl phthalate		82	J	370	ug/Kg	8270D
Fluoranthene		1200		370	ug/Kg	8270D
Fluorene		91	J	370	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		180		37	ug/Kg	8270D
Naphthalene		86	J	370	ug/Kg	8270D
Phenanthrene		870		370	ug/Kg	8270D
Pyrene		680		370	ug/Kg	8270D
Aluminum		5170		43.5	mg/Kg	6010C
Arsenic		2.1	J	3.3	mg/Kg	6010C
Barium		91.2		43.5	mg/Kg	6010C
Calcium		49200		1090	mg/Kg	6010C
Chromium		9.1		2.2	mg/Kg	6010C
Cobalt		2.3	J	10.9	mg/Kg	6010C
Copper		6.3		5.4	mg/Kg	6010C
Iron		8130		32.6	mg/Kg	6010C
Lead		18.9		2.2	mg/Kg	6010C
Magnesium		17800		1090	mg/Kg	6010C
Manganese		835		3.3	mg/Kg	6010C
Nickel		11.1		8.7	mg/Kg	6010C
Potassium		652	J	1090	mg/Kg	6010C
Silver		0.42	J	2.2	mg/Kg	6010C
Sodium		317	J	1090	mg/Kg	6010C
Vanadium		10.6	J	10.9	mg/Kg	6010C
Zinc		18.6		6.5	mg/Kg	6010C
Mercury		0.047		0.018	mg/Kg	7471B
Percent Moisture		10.7		1.0	%	Moisture
Percent Solids		89.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-8	**TWP-1**					
Carbon disulfide		0.33	J	1.0	ug/L	8260C
MTBE		0.45	J	1.0	ug/L	8260C
Toluene		0.28	J	1.0	ug/L	8260C
Ethylbenzene		0.19	J	1.0	ug/L	8260C
Benzo[g,h,i]perylene		1.4	J	13	ug/L	8270D
Benzo[k]fluoranthene		0.66	J	1.3	ug/L	8270D
Chrysene		2.2	J	13	ug/L	8270D
Di-n-butyl phthalate		1.8	J *	13	ug/L	8270D
Fluoranthene		4.7	J	13	ug/L	8270D
Indeno[1,2,3-cd]pyrene		1.3		1.3	ug/L	8270D
Benzo[a]anthracene		2.3		0.063	ug/L	8270D SIM
Benzo[a]pyrene		2.6		0.063	ug/L	8270D SIM
Benzo[b]fluoranthene		1.8		0.063	ug/L	8270D SIM
Arsenic		295		2.5	ug/L	6020
Barium		714		5.0	ug/L	6020
Beryllium		4.3		1.0	ug/L	6020
Cadmium		2.7		2.5	ug/L	6020
Cobalt		71.6		5.0	ug/L	6020
Chromium		222		5.0	ug/L	6020
Copper		375		5.0	ug/L	6020
Manganese		14100		10.0	ug/L	6020
Nickel		260		5.0	ug/L	6020
Lead		1120		1.5	ug/L	6020
Antimony		5.5		2.5	ug/L	6020
Selenium		12.4		2.5	ug/L	6020
Vanadium		163		5.0	ug/L	6020
Zinc		1130		20.0	ug/L	6020
Aluminum		65100		50.0	ug/L	6020
Sodium		528000		250	ug/L	6020
Magnesium		87700		250	ug/L	6020
Potassium		50600		250	ug/L	6020
Calcium		197000		250	ug/L	6020
Iron		156000		150	ug/L	6020
Thallium		1.3		1.0	ug/L	6020
Mercury		13.8		0.60	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-9	**TWP-4**					
Carbon disulfide		1.0		1.0	ug/L	8260C
MTBE		0.17	J	1.0	ug/L	8260C
Benzene		0.22	J	1.0	ug/L	8260C
Toluene		0.41	J	1.0	ug/L	8260C
Ethylbenzene		0.16	J	1.0	ug/L	8260C
Xylenes, Total		0.60	J	2.0	ug/L	8260C
2,4-Dimethylphenol		3.4	J	12	ug/L	8270D
Acenaphthene		6.1	J	12	ug/L	8270D
Acenaphthylene		2.8	J	12	ug/L	8270D
Anthracene		2.3	J	12	ug/L	8270D
Benzo[k]fluoranthene		0.79	J	1.2	ug/L	8270D
Carbazole		11	J	12	ug/L	8270D
Chrysene		2.2	J	12	ug/L	8270D
Dibenz(a,h)anthracene		0.20	J	1.2	ug/L	8270D
Dibenzofuran		7.1	J	12	ug/L	8270D
Fluoranthene		8.7	J	12	ug/L	8270D
Fluorene		8.7	J	12	ug/L	8270D
Indeno[1,2,3-cd]pyrene		1.0	J	1.2	ug/L	8270D
Phenanthrene		19		12	ug/L	8270D
Benzo[a]anthracene		1.9		0.060	ug/L	8270D SIM
Benzo[a]pyrene		1.4		0.060	ug/L	8270D SIM
Benzo[b]fluoranthene		2.0		0.060	ug/L	8270D SIM
Silver		17.0		5.0	ug/L	6020
Arsenic		703		2.5	ug/L	6020
Barium		9320		5.0	ug/L	6020
Beryllium		57.0		1.0	ug/L	6020
Cadmium		18.9		2.5	ug/L	6020
Cobalt		607		5.0	ug/L	6020
Chromium		1580		5.0	ug/L	6020
Copper		3600		5.0	ug/L	6020
Manganese		31800		10.0	ug/L	6020
Nickel		2120		5.0	ug/L	6020
Lead		16100		1.5	ug/L	6020
Antimony		6.2		2.5	ug/L	6020
Selenium		45.6		2.5	ug/L	6020
Vanadium		1910		5.0	ug/L	6020
Zinc		8590		100	ug/L	6020
Aluminum		748000		250	ug/L	6020
Sodium		297000		250	ug/L	6020
Magnesium		381000		250	ug/L	6020
Potassium		140000		250	ug/L	6020
Calcium		1000000		250	ug/L	6020
Iron		1800000		750	ug/L	6020
Thallium		12.5		1.0	ug/L	6020
Mercury		34.1		2.0	ug/L	7470A
Cyanide, Total		0.0092	J	0.010	mg/L	335.4

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-10	**TWP-5**					
Benzo[k]fluoranthene		0.80	J	1.2	ug/L	8270D
Chrysene		1.7	J	12	ug/L	8270D
Fluoranthene		3.4	J	12	ug/L	8270D
Indeno[1,2,3-cd]pyrene		1.0	J	1.2	ug/L	8270D
Phenanthrene		2.9	J	12	ug/L	8270D
Benzo[a]anthracene		1.3		0.060	ug/L	8270D SIM
Benzo[a]pyrene		1.3		0.060	ug/L	8270D SIM
Benzo[b]fluoranthene		1.5		0.060	ug/L	8270D SIM
Silver		27.0		5.0	ug/L	6020
Arsenic		1200		2.5	ug/L	6020
Barium		4460		5.0	ug/L	6020
Beryllium		75.0		1.0	ug/L	6020
Cadmium		64.3		2.5	ug/L	6020
Cobalt		981		5.0	ug/L	6020
Chromium		3250		5.0	ug/L	6020
Copper		20700		50.0	ug/L	6020
Manganese		58500		10.0	ug/L	6020
Nickel		4430		5.0	ug/L	6020
Lead		41600		15.0	ug/L	6020
Antimony		14.8		2.5	ug/L	6020
Selenium		59.1		2.5	ug/L	6020
Vanadium		2690		5.0	ug/L	6020
Zinc		36600		200	ug/L	6020
Aluminum		1060000		500	ug/L	6020
Sodium		405000		250	ug/L	6020
Magnesium		599000		250	ug/L	6020
Potassium		148000		250	ug/L	6020
Calcium		3680000		2500	ug/L	6020
Iron		2800000		1500	ug/L	6020
Thallium		14.9		1.0	ug/L	6020
Mercury		20.4		1.0	ug/L	7470A
Cyanide, Total		0.023		0.010	mg/L	335.4

EXECUTIVE SUMMARY - Detections

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-78044-11	**TWP-7**					
Carbon disulfide		0.59	J	1.0	ug/L	8260C
Benzene		0.10	J	1.0	ug/L	8260C
Toluene		0.20	J	1.0	ug/L	8260C
Ethylbenzene		0.16	J	1.0	ug/L	8260C
Caprolactam		3.1	J *	11	ug/L	8270D
Di-n-butyl phthalate		2.4	J *	11	ug/L	8270D
Phenanthrene		1.6	J	11	ug/L	8270D
Benzo[a]anthracene		0.19		0.054	ug/L	8270D SIM
Benzo[a]pyrene		0.13		0.054	ug/L	8270D SIM
Benzo[b]fluoranthene		0.16		0.054	ug/L	8270D SIM
Silver		11.3		5.0	ug/L	6020
Arsenic		278		2.5	ug/L	6020
Barium		6010		5.0	ug/L	6020
Beryllium		34.7		1.0	ug/L	6020
Cadmium		12.1		2.5	ug/L	6020
Cobalt		392		5.0	ug/L	6020
Chromium		1100		5.0	ug/L	6020
Copper		3890		5.0	ug/L	6020
Manganese		23800		10.0	ug/L	6020
Nickel		1860		5.0	ug/L	6020
Lead		11300		1.5	ug/L	6020
Antimony		3.6		2.5	ug/L	6020
Selenium		25.0		2.5	ug/L	6020
Vanadium		1100		5.0	ug/L	6020
Zinc		6420		80.0	ug/L	6020
Aluminum		467000		200	ug/L	6020
Sodium		168000		250	ug/L	6020
Magnesium		295000		250	ug/L	6020
Potassium		103000		250	ug/L	6020
Calcium		473000		250	ug/L	6020
Iron		730000		150	ug/L	6020
Thallium		6.5		1.0	ug/L	6020
Mercury		86.1		2.0	ug/L	7470A
Cyanide, Total		0.0089	J	0.010	mg/L	335.4

METHOD SUMMARY

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Description	Lab Location	Method	Preparation Method
Matrix:			
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081B	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Microwave Extraction	TAL EDI		SW846 3546
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL EDI	SW846 7471B	
Preparation, Mercury	TAL EDI		SW846 7471B
Cyanide, Total andor Amenable	TAL EDI	SW846 9012B	
Cyanide, Total and/or Amenable, Distillation	TAL EDI		SW846 9012B
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260C SIM	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270D SIM	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP/MS)	TAL EDI	SW846 6020	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Cyanide, Total	TAL EDI	MCAWW 335.4	
Distillation, Cyanide	TAL EDI		Distill/CN

Lab References:

TAL EDI = TestAmerica Edison

METHOD SUMMARY

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Description	Lab Location	Method	Preparation Method

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

METHOD / ANALYST SUMMARY

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method	Analyst	Analyst ID
SW846 8260C	Martinez, Eddie	EMM
SW846 8260C	Moroney, Christopher J	CJM
SW846 8260C	Tupayachi, Audberto	AAT
SW846 8260C SIM	Moroney, Christopher J	CJM
SW846 8270D	Zhao, Chunxin	CAZ
SW846 8270D SIM	Zhao, Chunxin	CAZ
SW846 8081B	Foleyson, Temitope S	TSF
SW846 8082A	Boykin, Carol B	CBB
SW846 8082A	Patel, Jignesh	JHP
SW846 6010C	Huang, Yixin	YZH
SW846 6020	Dave, Virendra	VAD
SW846 7470A	Sheikh, Razia B	RBS
SW846 7471B	Staib, Thomas	TJS
MCAWW 335.4	Vu, Huan	HTV
SW846 9012B	Vu, Huan	HTV
EPA Moisture	Armbruster, Chris	CJA

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28521.D
Dilution:	1.0			Initial Weight/Volume:	4.06 g
Analysis Date:	06/22/2014 1049			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1520				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.25	U	0.25	1.6
Bromomethane		0.68	U	0.68	1.6
Vinyl chloride		0.54	U	0.54	1.6
Chloroethane		0.52	U	0.52	1.6
Methylene Chloride		0.33	J B	0.24	1.6
Acetone		16	B	2.7	7.9
Carbon disulfide		0.24	U	0.24	1.6
Trichlorofluoromethane		0.25	U	0.25	1.6
1,1-Dichloroethene		0.30	U	0.30	1.6
1,1-Dichloroethane		0.17	U	0.17	1.6
trans-1,2-Dichloroethene		0.21	U	0.21	1.6
cis-1,2-Dichloroethene		0.17	U	0.17	1.6
Chloroform		0.38	U	0.38	1.6
2-Butanone		1.0	U	1.0	7.9
1,2-Dichloroethane		0.28	U	0.28	1.6
1,1,1-Trichloroethane		0.21	U	0.21	1.6
Carbon tetrachloride		0.24	U	0.24	1.6
Benzene		0.24	U	0.24	1.6
Bromoform		0.27	U	0.27	1.6
Styrene		0.44	U	0.44	1.6
m&p-Xylene		0.93	U	0.93	1.6
o-Xylene		0.30	U	0.30	1.6
Ethylbenzene		0.27	U	0.27	1.6
Chlorobenzene		0.28	U	0.28	1.6
Cyclohexane		0.21	U	0.21	1.6
Isopropylbenzene		0.17	U	0.17	1.6
2-Hexanone		0.21	U	0.21	7.9
MTBE		0.17	U	0.17	1.6
Freon TF		0.17	U	0.17	1.6
Methyl acetate		0.51	U	0.51	7.9
1,4-Dioxane		20	U	20	32
Trichloroethene		0.19	U	0.19	1.6
Toluene		0.22	U	0.22	1.6
trans-1,3-Dichloropropene		0.16	U	0.16	1.6
4-Methyl-2-pentanone		0.32	U	0.32	7.9
cis-1,3-Dichloropropene		0.22	U	0.22	1.6
1,2-Dichlorobenzene		0.16	U	0.16	1.6
1,3-Dichlorobenzene		0.25	U	0.25	1.6
1,4-Dichlorobenzene		0.17	U	0.17	1.6
1,2,4-Trichlorobenzene		0.30	U	0.30	1.6
1,2,3-Trichlorobenzene		0.25	U	0.25	1.6
1,2-Dichloropropane		0.24	U	0.24	1.6
Methylcyclohexane		0.16	U	0.16	1.6
Tetrachloroethene		0.19	U	0.19	1.6
1,2-Dibromo-3-Chloropropane		0.70	U	0.70	1.6
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.6

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1
Client Matrix: Solid
% Moisture: 22.0

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28521.D
Dilution:	1.0			Initial Weight/Volume:	4.06 g
Analysis Date:	06/22/2014 1049			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1520				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.22	U	0.22	1.6
Dibromochloromethane		0.16	U	0.16	1.6
1,2-Dibromoethane		0.24	U	0.24	1.6
Dichlorodifluoromethane		0.35	U	0.35	1.6
Bromochloromethane		0.17	U	0.17	1.6
Bromodichloromethane		0.51	U	0.51	1.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	82		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28521.D
Dilution:	1.0			Initial Weight/Volume:	4.06 g
Analysis Date:	06/22/2014 1049			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1520				

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

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

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28522.D
Dilution:	1.0			Initial Weight/Volume:	3.63 g
Analysis Date:	06/22/2014 1113			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1521				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.27	U	0.27	1.7
Bromomethane		0.73	U	0.73	1.7
Vinyl chloride		0.58	U	0.58	1.7
Chloroethane		0.56	U	0.56	1.7
Methylene Chloride		0.32	J B	0.25	1.7
Acetone		32	B	2.9	8.5
Carbon disulfide		0.69	J	0.25	1.7
Trichlorofluoromethane		0.27	U	0.27	1.7
1,1-Dichloroethene		0.32	U	0.32	1.7
1,1-Dichloroethane		0.19	U	0.19	1.7
trans-1,2-Dichloroethene		0.22	U	0.22	1.7
cis-1,2-Dichloroethene		0.19	U	0.19	1.7
Chloroform		0.41	U	0.41	1.7
2-Butanone		2.9	J	1.1	8.5
1,2-Dichloroethane		0.31	U	0.31	1.7
1,1,1-Trichloroethane		0.22	U	0.22	1.7
Carbon tetrachloride		0.25	U	0.25	1.7
Benzene		0.25	U	0.25	1.7
Bromoform		0.29	U	0.29	1.7
Styrene		0.48	U	0.48	1.7
m&p-Xylene		1.0	U	1.0	1.7
o-Xylene		0.32	U	0.32	1.7
Ethylbenzene		0.29	U	0.29	1.7
Chlorobenzene		0.31	U	0.31	1.7
Cyclohexane		0.22	U	0.22	1.7
Isopropylbenzene		0.19	U	0.19	1.7
2-Hexanone		0.22	U	0.22	8.5
MTBE		0.19	U	0.19	1.7
Freon TF		0.19	U	0.19	1.7
Methyl acetate		0.54	U	0.54	8.5
1,4-Dioxane		22	U	22	34
Trichloroethene		0.20	U	0.20	1.7
Toluene		0.24	U	0.24	1.7
trans-1,3-Dichloropropene		0.17	U	0.17	1.7
4-Methyl-2-pentanone		0.34	U	0.34	8.5
cis-1,3-Dichloropropene		0.24	U	0.24	1.7
1,2-Dichlorobenzene		0.17	U	0.17	1.7
1,3-Dichlorobenzene		0.27	U	0.27	1.7
1,4-Dichlorobenzene		0.19	U	0.19	1.7
1,2,4-Trichlorobenzene		0.32	U	0.32	1.7
1,2,3-Trichlorobenzene		0.27	U	0.27	1.7
1,2-Dichloropropane		0.25	U	0.25	1.7
Methylcyclohexane		0.17	U	0.17	1.7
Tetrachloroethene		0.20	U	0.20	1.7
1,2-Dibromo-3-Chloropropane		0.75	U	0.75	1.7
1,1,2,2-Tetrachloroethane		0.15	U	0.15	1.7

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28522.D
Dilution:	1.0			Initial Weight/Volume:	3.63 g
Analysis Date:	06/22/2014 1113			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1521				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.24	U	0.24	1.7
Dibromochloromethane		0.17	U	0.17	1.7
1,2-Dibromoethane		0.25	U	0.25	1.7
Dichlorodifluoromethane		0.37	U	0.37	1.7
Bromochloromethane		0.19	U	0.19	1.7
Bromodichloromethane		0.54	U	0.54	1.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	87		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28522.D
Dilution:	1.0			Initial Weight/Volume:	3.63 g
Analysis Date:	06/22/2014 1113			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1521				

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

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

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-231704	Lab File ID:	J14663.D
Dilution:	50			Initial Weight/Volume:	4.23 g
Analysis Date:	06/24/2014 1446			Final Weight/Volume:	10 mL
Prep Date:	06/19/2014 1503				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		15	U	15	160
Bromomethane		28	U	28	160
Vinyl chloride		23	U	23	160
Chloroethane		27	U *	27	160
Methylene Chloride		29	U	29	160
Acetone		420	U	420	780
Carbon disulfide		20	U	20	160
Trichlorofluoromethane		23	U	23	160
1,1-Dichloroethene		14	U	14	160
1,1-Dichloroethane		20	U	20	160
trans-1,2-Dichloroethene		20	U	20	160
cis-1,2-Dichloroethene		28	U	28	160
Chloroform		12	U	12	160
2-Butanone		360	U	360	780
1,2-Dichloroethane		30	U	30	160
1,1,1-Trichloroethane		9.7	U	9.7	160
Carbon tetrachloride		8.9	U	8.9	160
Benzene		280		13	160
Bromoform		30	U	30	160
Styrene		180		19	160
m&p-Xylene		640		38	160
o-Xylene		3800		20	160
Ethylbenzene		6600		15	160
Chlorobenzene		17	U	17	160
Cyclohexane		25	U	25	160
Isopropylbenzene		4800		12	160
2-Hexanone		78	U	78	780
MTBE		22	U	22	160
Freon TF		13	U	13	160
Methyl acetate		53	U	53	780
1,4-Dioxane		5600	U *	5600	3900
Trichloroethene		14	U	14	160
Toluene		430		23	160
trans-1,3-Dichloropropene		38	U	38	160
4-Methyl-2-pentanone		150	U	150	780
cis-1,3-Dichloropropene		29	U	29	160
1,2-Dichlorobenzene		32	U	32	160
1,3-Dichlorobenzene		21	U	21	160
1,4-Dichlorobenzene		36	U	36	160
1,2,4-Trichlorobenzene		54	U	54	160
1,2,3-Trichlorobenzene		80	U	80	160
1,2-Dichloropropane		13	U	13	160
Methylcyclohexane		84	J	21	160
Tetrachloroethene		15	U	15	160
1,2-Dibromo-3-Chloropropane		63	U	63	160
1,1,2,2-Tetrachloroethane		25	U	25	160

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3
Client Matrix: Solid
% Moisture: 24.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-231704	Lab File ID:	J14663.D
Dilution:	50			Initial Weight/Volume:	4.23 g
Analysis Date:	06/24/2014 1446			Final Weight/Volume:	10 mL
Prep Date:	06/19/2014 1503				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		29	U	29	160
Dibromochloromethane		31	U	31	160
1,2-Dibromoethane		43	U	43	160
Dichlorodifluoromethane		34	U	34	160
Bromochloromethane		43	U	43	160
Bromodichloromethane		20	U	20	160

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		75 - 135
Toluene-d8 (Surr)	75		59 - 150
Bromofluorobenzene	82		72 - 133
Dibromofluoromethane (Surr)	77		70 - 130

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-231704	Lab File ID:	J14663.D
Dilution:	50			Initial Weight/Volume:	4.23 g
Analysis Date:	06/24/2014 1446			Final Weight/Volume:	10 mL
Prep Date:	06/19/2014 1503				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
611-14-3	Benzene, 1-ethyl-2-methyl-	10.54	13000	J N
622-96-8	Benzene, 1-ethyl-4-methyl-	10.97	11000	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.38	11000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.91	18000	J N
65051-83-4	Benzene, (1-methyl-2-cyclopropen-1-yl)-	11.97	30000	J N
2177-47-1	2-Methylindene	12.04	19000	J N
91-20-3	Naphthalene	12.35	21000	J N
2177-48-2	1H-Indene, 1,3-dimethyl-	12.81	14000	J N
91-57-6	Naphthalene, 2-methyl-	13.16	15000	J N
90-12-0	Naphthalene, 1-methyl-	13.33	92000	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28523.D
Dilution:	1.0			Initial Weight/Volume:	5.13 g
Analysis Date:	06/22/2014 1137			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1524				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.52	U	0.52	1.2
Vinyl chloride		0.41	U	0.41	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.43	J B	0.18	1.2
Acetone		45	B	2.1	6.1
Carbon disulfide		0.22	J	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
2-Butanone		1.7	J	0.76	6.1
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
m&p-Xylene		0.72	U	0.72	1.2
o-Xylene		0.23	U	0.23	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	6.1
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	6.1
1,4-Dioxane		15	U	15	24
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.24	U	0.24	6.1
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
1,2-Dibromo-3-Chloropropane		0.53	U	0.53	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28523.D
Dilution:	1.0			Initial Weight/Volume:	5.13 g
Analysis Date:	06/22/2014 1137			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1524				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	83		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28523.D
Dilution:	1.0			Initial Weight/Volume:	5.13 g
Analysis Date:	06/22/2014 1137			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1524				

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
91-20-3	Naphthalene	12.50	68	J N
91-57-6	Naphthalene, 2-methyl-	13.35	17	J N
90-12-0	Naphthalene, 1-methyl-	13.52	16	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28524.D
Dilution:	1.0			Initial Weight/Volume:	3.83 g
Analysis Date:	06/22/2014 1201			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1525				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.27	U	0.27	1.7
Bromomethane		0.73	U	0.73	1.7
Vinyl chloride		0.58	U	0.58	1.7
Chloroethane		0.56	U	0.56	1.7
Methylene Chloride		0.26	U	0.26	1.7
Acetone		53	B	2.9	8.5
Carbon disulfide		2.9		0.26	1.7
Trichlorofluoromethane		0.27	U	0.27	1.7
1,1-Dichloroethene		0.32	U	0.32	1.7
1,1-Dichloroethane		0.19	U	0.19	1.7
trans-1,2-Dichloroethene		0.22	U	0.22	1.7
cis-1,2-Dichloroethene		0.19	U	0.19	1.7
Chloroform		0.41	U	0.41	1.7
2-Butanone		1.1	U	1.1	8.5
1,2-Dichloroethane		0.31	U	0.31	1.7
1,1,1-Trichloroethane		0.22	U	0.22	1.7
Carbon tetrachloride		0.26	U	0.26	1.7
Benzene		0.28	J	0.26	1.7
Bromoform		0.29	U	0.29	1.7
Styrene		0.48	U	0.48	1.7
m&p-Xylene		1.0	U	1.0	1.7
o-Xylene		0.32	U	0.32	1.7
Ethylbenzene		0.29	U	0.29	1.7
Chlorobenzene		0.31	U	0.31	1.7
Cyclohexane		0.22	U	0.22	1.7
Isopropylbenzene		0.19	U	0.19	1.7
2-Hexanone		0.22	U	0.22	8.5
MTBE		0.19	U	0.19	1.7
Freon TF		0.19	U	0.19	1.7
Methyl acetate		0.55	U	0.55	8.5
1,4-Dioxane		22	U	22	34
Trichloroethene		0.20	U	0.20	1.7
Toluene		0.24	U	0.24	1.7
trans-1,3-Dichloropropene		0.17	U	0.17	1.7
4-Methyl-2-pentanone		0.34	U	0.34	8.5
cis-1,3-Dichloropropene		0.24	U	0.24	1.7
1,2-Dichlorobenzene		0.17	U	0.17	1.7
1,3-Dichlorobenzene		0.27	U	0.27	1.7
1,4-Dichlorobenzene		0.19	U	0.19	1.7
1,2,4-Trichlorobenzene		0.32	U	0.32	1.7
1,2,3-Trichlorobenzene		0.27	U	0.27	1.7
1,2-Dichloropropane		0.26	U	0.26	1.7
Methylcyclohexane		0.17	U	0.17	1.7
Tetrachloroethene		0.20	U	0.20	1.7
1,2-Dibromo-3-Chloropropane		0.75	U	0.75	1.7
1,1,2,2-Tetrachloroethane		0.15	U	0.15	1.7

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5
Client Matrix: Solid
% Moisture: 23.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28524.D
Dilution:	1.0			Initial Weight/Volume:	3.83 g
Analysis Date:	06/22/2014 1201			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1525				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.24	U	0.24	1.7
Dibromochloromethane		0.17	U	0.17	1.7
1,2-Dibromoethane		0.26	U	0.26	1.7
Dichlorodifluoromethane		0.38	U	0.38	1.7
Bromochloromethane		0.19	U	0.19	1.7
Bromodichloromethane		0.55	U	0.55	1.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	90		70 - 130
Dibromofluoromethane (Surr)	33	X	70 - 130

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28524.D
Dilution:	1.0			Initial Weight/Volume:	3.83 g
Analysis Date:	06/22/2014 1201			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1525				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
75-28-5	Isobutane	1.73	19	J N
	Unknown	1.86	15	J
78-78-4	Butane, 2-methyl-	2.29	84	J N
109-66-0	Pentane	2.49	16	J N
107-83-5	Pentane, 2-methyl-	3.26	54	J N
96-14-0	Pentane, 3-methyl-	3.48	55	J N
591-76-4	Hexane, 2-methyl-	4.82	27	J N
589-34-4	Hexane, 3-methyl-	5.00	49	J N
142-82-5	Heptane	5.43	14	J N
589-81-1	Heptane, 3-methyl-	6.85	26	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28525.D
Dilution:	1.0			Initial Weight/Volume:	5.48 g
Analysis Date:	06/22/2014 1226			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1526				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.47	U	0.47	1.1
Vinyl chloride		0.37	U	0.37	1.1
Chloroethane		0.36	U	0.36	1.1
Methylene Chloride		0.16	U	0.16	1.1
Acetone		14	B	1.9	5.5
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		1.2	J	0.69	5.5
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
m&p-Xylene		0.65	U	0.65	1.1
o-Xylene		0.21	U	0.21	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	5.5
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	5.5
1,4-Dioxane		14	U	14	22
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	5.5
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,1,2,2-Tetrachloroethane		0.099	U	0.099	1.1

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6
Client Matrix: Solid
% Moisture: 16.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28525.D
Dilution:	1.0			Initial Weight/Volume:	5.48 g
Analysis Date:	06/22/2014 1226			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1526				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.15	U	0.15	1.1
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	82		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28525.D
Dilution:	1.0			Initial Weight/Volume:	5.48 g
Analysis Date:	06/22/2014 1226			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1526				

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

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

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28526.D
Dilution:	1.0			Initial Weight/Volume:	2.21 g
Analysis Date:	06/22/2014 1250			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1527				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.41	U	0.41	2.5
Bromomethane		1.1	U	1.1	2.5
Vinyl chloride		0.86	U	0.86	2.5
Chloroethane		0.84	U	0.84	2.5
Methylene Chloride		0.40	J B	0.38	2.5
Acetone		30	B	4.3	13
Carbon disulfide		0.59	J	0.38	2.5
Trichlorofluoromethane		0.41	U	0.41	2.5
1,1-Dichloroethene		0.48	U	0.48	2.5
1,1-Dichloroethane		0.28	U	0.28	2.5
trans-1,2-Dichloroethene		0.33	U	0.33	2.5
cis-1,2-Dichloroethene		0.28	U	0.28	2.5
Chloroform		0.61	U	0.61	2.5
2-Butanone		3.5	J	1.6	13
1,2-Dichloroethane		0.46	U	0.46	2.5
1,1,1-Trichloroethane		0.33	U	0.33	2.5
Carbon tetrachloride		0.38	U	0.38	2.5
Benzene		0.38	U	0.38	2.5
Bromoform		0.43	U	0.43	2.5
Styrene		0.71	U	0.71	2.5
m&p-Xylene		1.5	U	1.5	2.5
o-Xylene		0.48	U	0.48	2.5
Ethylbenzene		0.43	U	0.43	2.5
Chlorobenzene		0.46	U	0.46	2.5
Cyclohexane		0.33	U	0.33	2.5
Isopropylbenzene		0.28	U	0.28	2.5
2-Hexanone		0.33	U	0.33	13
MTBE		0.28	U	0.28	2.5
Freon TF		0.28	U	0.28	2.5
Methyl acetate		0.81	U	0.81	13
1,4-Dioxane		32	U	32	51
Trichloroethene		0.30	U	0.30	2.5
Toluene		0.35	U	0.35	2.5
trans-1,3-Dichloropropene		0.25	U	0.25	2.5
4-Methyl-2-pentanone		0.51	U	0.51	13
cis-1,3-Dichloropropene		0.35	U	0.35	2.5
1,2-Dichlorobenzene		0.25	U	0.25	2.5
1,3-Dichlorobenzene		0.41	U	0.41	2.5
1,4-Dichlorobenzene		0.28	U	0.28	2.5
1,2,4-Trichlorobenzene		0.48	U	0.48	2.5
1,2,3-Trichlorobenzene		0.41	U	0.41	2.5
1,2-Dichloropropane		0.38	U	0.38	2.5
Methylcyclohexane		0.25	U	0.25	2.5
Tetrachloroethene		0.30	U	0.30	2.5
1,2-Dibromo-3-Chloropropane		1.1	U	1.1	2.5
1,1,2,2-Tetrachloroethane		0.23	U	0.23	2.5

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28526.D
Dilution:	1.0			Initial Weight/Volume:	2.21 g
Analysis Date:	06/22/2014 1250			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1527				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		0.35	U	0.35	2.5
Dibromochloromethane		0.25	U	0.25	2.5
1,2-Dibromoethane		0.38	U	0.38	2.5
Dichlorodifluoromethane		0.56	U	0.56	2.5
Bromochloromethane		0.28	U	0.28	2.5
Bromodichloromethane		0.81	U	0.81	2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	86		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-231714	Lab File ID:	K28526.D
Dilution:	1.0			Initial Weight/Volume:	2.21 g
Analysis Date:	06/22/2014 1250			Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1527				

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05264.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1730			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Freon TF	0.080	U	0.080	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.33	J	0.13	1.0
Methyl acetate	0.34	U	0.34	5.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
MTBE	0.45	J	0.14	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Bromodichloromethane	0.12	U	0.12	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Benzene	0.080	U	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
2-Hexanone	0.50	U	0.50	5.0
Tetrachloroethene	0.10	U	0.10	1.0
Toluene	0.28	J	0.15	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.19	J	0.10	1.0
Xylenes, Total	0.13	U	0.13	2.0
Styrene	0.12	U	0.12	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05264.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1730			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05264.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1730			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1730				

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05265.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1750			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1750				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Freon TF	0.080	U	0.080	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	1.0		0.13	1.0
Methyl acetate	0.34	U	0.34	5.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
MTBE	0.17	J	0.14	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Bromodichloromethane	0.12	U	0.12	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Benzene	0.22	J	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
2-Hexanone	0.50	U	0.50	5.0
Tetrachloroethene	0.10	U	0.10	1.0
Toluene	0.41	J	0.15	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.16	J	0.10	1.0
Xylenes, Total	0.60	J	0.13	2.0
Styrene	0.12	U	0.12	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05265.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1750			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1750				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	90		64 - 135
Dibromofluoromethane (Surr)	93		72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05265.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1750			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1750				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
91-20-3	Naphthalene	10.90	37	J N

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	B69919.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1332			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Freon TF	0.080	U	0.080	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	5.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
MTBE	0.14	U	0.14	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Bromodichloromethane	0.12	U	0.12	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Benzene	0.080	U	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
2-Hexanone	0.50	U	0.50	5.0
Tetrachloroethene	0.10	U	0.10	1.0
Toluene	0.15	U	0.15	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.13	U	0.13	2.0
Styrene	0.12	U	0.12	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	B69919.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1332			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	92		64 - 135
Dibromofluoromethane (Surr)	93		72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	B69919.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1332			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1332				

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05267.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1831			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1831				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Freon TF	0.080	U	0.080	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.59	J	0.13	1.0
Methyl acetate	0.34	U	0.34	5.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
MTBE	0.14	U	0.14	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Bromodichloromethane	0.12	U	0.12	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Benzene	0.10	J	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
2-Hexanone	0.50	U	0.50	5.0
Tetrachloroethene	0.10	U	0.10	1.0
Toluene	0.20	J	0.15	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.16	J	0.10	1.0
Xylenes, Total	0.13	U	0.13	2.0
Styrene	0.12	U	0.12	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05267.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1831			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1831				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	105		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A05267.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1831			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1831				

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C SIM Volatile Organic Compounds (GC/MS)

Analysis Method:	8260C SIM	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	N74797.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 1107			Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 1107				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane	0.018	U	0.018	0.020
1,4-Dioxane	0.58	U	0.58	2.0
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		10 - 150
4-Bromofluorobenzene	100		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C SIM Volatile Organic Compounds (GC/MS)

Analysis Method:	8260C SIM	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	N74798.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 1132			Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 1132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane	0.018	U	0.018	0.020
1,4-Dioxane	0.58	U	0.58	2.0
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		10 - 150
4-Bromofluorobenzene	102		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C SIM Volatile Organic Compounds (GC/MS)

Analysis Method:	8260C SIM	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	N74799.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 1158			Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane	0.018	U	0.018	0.020
1,4-Dioxane	0.58	U	0.58	2.0
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		10 - 150
4-Bromofluorobenzene	98		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8260C SIM Volatile Organic Compounds (GC/MS)

Analysis Method:	8260C SIM	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	N74800.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 1224			Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 1224				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane	0.018	U	0.018	0.020
1,4-Dioxane	0.58	U	0.58	2.0
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		10 - 150
4-Bromofluorobenzene	95		26 - 150

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150891.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2014 1429			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		290	U	290	2100
2,2'-oxybis[1-chloropropane]		230	U	230	2100
2,3,4,6-Tetrachlorophenol		280	U	280	2100
2,4,5-Trichlorophenol		270	U	270	2100
2,4,6-Trichlorophenol		250	U	250	2100
2,4-Dichlorophenol		310	U	310	2100
2,4-Dimethylphenol		520	U	520	2100
2,4-Dinitrophenol		1200	U	1200	4300
2,4-Dinitrotoluene		70	U	70	430
2,6-Dinitrotoluene		64	U	64	430
2-Chloronaphthalene		240	U	240	2100
2-Chlorophenol		280	U	280	2100
2-Methylnaphthalene		1000	J	270	2100
2-Methylphenol		360	U	360	2100
2-Nitroaniline		880	U	880	2100
2-Nitrophenol		240	U	240	2100
3,3'-Dichlorobenzidine		740	U	740	2100
3-Nitroaniline		750	U	750	2100
4,6-Dinitro-2-methylphenol		580	U	580	4300
4-Bromophenyl phenyl ether		210	U	210	2100
4-Chloro-3-methylphenol		320	U	320	2100
4-Chloroaniline		560	U	560	2100
4-Chlorophenyl phenyl ether		250	U	250	2100
4-Methylphenol		420	U	420	2100
4-Nitroaniline		660	U	660	4300
4-Nitrophenol		1400	U	1400	2100
Acenaphthene		2500		310	2100
Acenaphthylene		250	J	250	2100
Acetophenone		330	U	330	2100
Anthracene		4000		260	2100
Atrazine		330	U	330	2100
Benzaldehyde		250	U	250	2100
Benzo[a]anthracene		6400		15	210
Benzo[a]pyrene		5500		15	210
Benzo[b]fluoranthene		8100		13	210
Benzo[g,h,i]perylene		1600	J *	160	2100
Benzo[k]fluoranthene		3400		16	210
Bis(2-chloroethoxy)methane		270	U	270	2100
Bis(2-chloroethyl)ether		29	U	29	210
Bis(2-ethylhexyl) phthalate		700	U	700	2100
Butyl benzyl phthalate		190	U	190	2100
Caprolactam		490	U	490	2100
Carbazole		2000	J	250	2100
Chrysene		6900		250	2100
Dibenz(a,h)anthracene		530		27	210
Dibenzofuran		1700	J	250	2100

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150891.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2014 1429			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		250	U	250	2100
Dimethyl phthalate		250	U	250	2100
Di-n-butyl phthalate		260	U	260	2100
Di-n-octyl phthalate		140	U	140	2100
Diphenyl		370	J	280	2100
Fluoranthene		20000		280	2100
Fluorene		2100		270	2100
Hexachlorobenzene		29	U	29	210
Hexachlorobutadiene		52	U	52	430
Hexachlorocyclopentadiene		250	U	250	2100
Hexachloroethane		24	U	24	210
Indeno[1,2,3-cd]pyrene		1900		39	210
Isophorone		260	U	260	2100
Naphthalene		2100		250	2100
Nitrobenzene		30	U *	30	210
N-Nitrosodi-n-propylamine		35	U	35	210
N-Nitrosodiphenylamine		210	U	210	2100
Pentachlorophenol		630	U	630	4300
Phenanthrene		20000		270	2100
Phenol		280	U	280	2100
Pyrene		11000		180	2100

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	86		19 - 114
2-Fluorobiphenyl	92		49 - 112
2-Fluorophenol	75		39 - 103
Nitrobenzene-d5	84		40 - 106
Phenol-d5	78		44 - 104
Terphenyl-d14	65		41 - 145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1
Client Matrix: Solid
% Moisture: 22.0

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150891.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	06/24/2014 1429			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
192-97-2	Benzo[e]pyrene	13.68	3900	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150912.D
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/25/2014 0112			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		110	U	110	810
2,2'-oxybis[1-chloropropane]		90	U	90	810
2,3,4,6-Tetrachlorophenol		110	U	110	810
2,4,5-Trichlorophenol		110	U	110	810
2,4,6-Trichlorophenol		96	U	96	810
2,4-Dichlorophenol		120	U	120	810
2,4-Dimethylphenol		200	U	200	810
2,4-Dinitrophenol		460	U	460	1700
2,4-Dinitrotoluene		27	U	27	170
2,6-Dinitrotoluene		25	U	25	170
2-Chloronaphthalene		91	U	91	810
2-Chlorophenol		110	U	110	810
2-Methylnaphthalene		490	J	100	810
2-Methylphenol		140	U	140	810
2-Nitroaniline		340	U	340	810
2-Nitrophenol		91	U	91	810
3,3'-Dichlorobenzidine		290	U	290	810
3-Nitroaniline		290	U	290	810
4,6-Dinitro-2-methylphenol		220	U	220	1700
4-Bromophenyl phenyl ether		81	U	81	810
4-Chloro-3-methylphenol		120	U	120	810
4-Chloroaniline		220	U	220	810
4-Chlorophenyl phenyl ether		96	U	96	810
4-Methylphenol		160	U	160	810
4-Nitroaniline		250	U	250	1700
4-Nitrophenol		530	U	530	810
Acenaphthene		610	J	120	810
Acenaphthylene		330	J	97	810
Acetophenone		130	U	130	810
Anthracene		1500		99	810
Atrazine		130	U	130	810
Benzaldehyde		96	U	96	810
Benzo[a]anthracene		4200		5.7	81
Benzo[a]pyrene		4200		5.8	81
Benzo[b]fluoranthene		5300		5.2	81
Benzo[g,h,i]perylene		2600	*	61	810
Benzo[k]fluoranthene		2000		6.2	81
Bis(2-chloroethoxy)methane		110	U	110	810
Bis(2-chloroethyl)ether		11	U	11	81
Bis(2-ethylhexyl) phthalate		270	U	270	810
Butyl benzyl phthalate		75	U	75	810
Caprolactam		190	U	190	810
Carbazole		670	J	97	810
Chrysene		5300		95	810
Dibenz(a,h)anthracene		710		10	81
Dibenzofuran		580	J	96	810

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150912.D
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/25/2014 0112			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		97	U	97	810
Dimethyl phthalate		97	U	97	810
Di-n-butyl phthalate		100	U	100	810
Di-n-octyl phthalate		52	U	52	810
Diphenyl		200	J	110	810
Fluoranthene		8500		110	810
Fluorene		700	J	100	810
Hexachlorobenzene		11	U	11	81
Hexachlorobutadiene		20	U	20	170
Hexachlorocyclopentadiene		96	U	96	810
Hexachloroethane		9.1	U	9.1	81
Indeno[1,2,3-cd]pyrene		3000		15	81
Isophorone		99	U	99	810
Naphthalene		1200		95	810
Nitrobenzene		12	U *	12	81
N-Nitrosodi-n-propylamine		14	U	14	81
N-Nitrosodiphenylamine		81	U	81	810
Pentachlorophenol		240	U	240	1700
Phenanthrene		6600		100	810
Phenol		110	U	110	810
Pyrene		7400		68	810

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	82		19 - 114
2-Fluorobiphenyl	92		49 - 112
2-Fluorophenol	78		39 - 103
Nitrobenzene-d5	83		40 - 106
Phenol-d5	79		44 - 104
Terphenyl-d14	86		41 - 145

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150912.D
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	06/25/2014 0112			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2531-84-2	Phenanthrene, 2-methyl-	9.53	1400	J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.61	1500	J N
	Unknown	10.25	1200	J
3442-78-2	Pyrene, 2-methyl-	10.79	780	J N
192-97-2	Benzo[e]pyrene	13.42	860	J N
192-97-2	Benzo[e]pyrene	13.66	3300	J N
198-55-0	Perylene	13.85	1300	J N
	Unknown	14.19	820	J
	Unknown	14.43	870	J
193-43-1	Indeno[1,2,3-cd]fluoranthene	15.15	1800	J N
474-62-4	Campesterol	15.42	3400	J N
213-46-7	1,2:7,8-Dibenzophenanthrene	15.46	1900	J N
215-58-7	Benzo[b]triphenylene	15.51	2700	J N
	Unknown	15.59	890	J
	Unknown	15.74	970	J
83-47-6	.gamma.-Sitosterol	15.90	8300	J N
	Unknown	16.00	3500	J
	Unknown	16.20	1900	J

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150914.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0200			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		290	U	290	2200
2,2'-oxybis[1-chloropropane]		240	U	240	2200
2,3,4,6-Tetrachlorophenol		280	U	280	2200
2,4,5-Trichlorophenol		280	U	280	2200
2,4,6-Trichlorophenol		260	U	260	2200
2,4-Dichlorophenol		320	U	320	2200
2,4-Dimethylphenol		540	U	540	2200
2,4-Dinitrophenol		1200	U	1200	4400
2,4-Dinitrotoluene		72	U	72	440
2,6-Dinitrotoluene		66	U	66	440
2-Chloronaphthalene		240	U	240	2200
2-Chlorophenol		290	U	290	2200
2-Methylnaphthalene		280	U	280	2200
2-Methylphenol		370	U	370	2200
2-Nitroaniline		910	U	910	2200
2-Nitrophenol		240	U	240	2200
3,3'-Dichlorobenzidine		770	U	770	2200
3-Nitroaniline		770	U	770	2200
4,6-Dinitro-2-methylphenol		600	U	600	4400
4-Bromophenyl phenyl ether		220	U	220	2200
4-Chloro-3-methylphenol		330	U	330	2200
4-Chloroaniline		580	U	580	2200
4-Chlorophenyl phenyl ether		260	U	260	2200
4-Methylphenol		430	U	430	2200
4-Nitroaniline		680	U	680	4400
4-Nitrophenol		1400	U	1400	2200
Acenaphthene		13000		320	2200
Acenaphthylene		3100		260	2200
Acetophenone		340	U	340	2200
Anthracene		2400		270	2200
Atrazine		340	U	340	2200
Benzaldehyde		260	U	260	2200
Benzo[a]anthracene		4600		15	220
Benzo[a]pyrene		4100		15	220
Benzo[b]fluoranthene		4600		14	220
Benzo[g,h,i]perylene		970	J *	160	2200
Benzo[k]fluoranthene		1800		17	220
Bis(2-chloroethoxy)methane		280	U	280	2200
Bis(2-chloroethyl)ether		30	U	30	220
Bis(2-ethylhexyl) phthalate		730	U	730	2200
Butyl benzyl phthalate		200	U	200	2200
Caprolactam		500	U	500	2200
Carbazole		470	J	260	2200
Chrysene		5300		260	2200
Dibenz(a,h)anthracene		480		28	220
Dibenzofuran		1900	J	260	2200

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150914.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0200			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		260	U	260	2200
Dimethyl phthalate		260	U	260	2200
Di-n-butyl phthalate		270	U	270	2200
Di-n-octyl phthalate		140	U	140	2200
Diphenyl		290	U	290	2200
Fluoranthene		12000		290	2200
Fluorene		1200	J	280	2200
Hexachlorobenzene		30	U	30	220
Hexachlorobutadiene		53	U	53	440
Hexachlorocyclopentadiene		260	U	260	2200
Hexachloroethane		24	U	24	220
Indeno[1,2,3-cd]pyrene		1400		41	220
Isophorone		270	U	270	2200
Naphthalene		740	J	250	2200
Nitrobenzene		31	U *	31	220
N-Nitrosodi-n-propylamine		37	U	37	220
N-Nitrosodiphenylamine		220	U	220	2200
Pentachlorophenol		650	U	650	4400
Phenanthrene		4500		280	2200
Phenol		290	U	290	2200
Pyrene		8100		180	2200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		19 - 114
2-Fluorobiphenyl	88		49 - 112
2-Fluorophenol	79		39 - 103
Nitrobenzene-d5	82		40 - 106
Phenol-d5	81		44 - 104
Terphenyl-d14	68		41 - 145

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150914.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0200			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
110-82-7	Cyclohexane	1.45	4800	J N
203-80-5	1H-Phenalene	8.05	3200	J N
2531-84-2	Phenanthrene, 2-methyl-	9.50	4200	J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.61	7300	J N
2381-21-7	Pyrene, 1-methyl-	10.67	2100	J N
2381-21-7	Pyrene, 1-methyl-	10.79	2100	J N
205-43-6	Benzo[b]naphtho[1,2-d]thiophene	11.51	2300	J N
3697-24-3	Chrysene, 6-methyl-	12.37	3000	J N
67099-81-4	9,10,11,12-Tetrahydrobenzo[e]pyrene	12.86	2200	J N
2388-99-0	Docosanoic acid, 13-oxo-, methyl ester	12.98	1900	J N
192-97-2	Benzo[e]pyrene	13.67	3900	J N
	Unknown	13.86	4300	J
	Unknown	14.28	1800	J

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150892.D
Dilution:	50			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2014 1454	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		2800	U	2800	20000
2,2'-oxybis[1-chloropropane]		2300	U	2300	20000
2,3,4,6-Tetrachlorophenol		2700	U	2700	20000
2,4,5-Trichlorophenol		2700	U	2700	20000
2,4,6-Trichlorophenol		2400	U	2400	20000
2,4-Dichlorophenol		3000	U	3000	20000
2,4-Dimethylphenol		5100	U	5100	20000
2,4-Dinitrophenol		12000	U	12000	42000
2,4-Dinitrotoluene		680	U	680	4200
2,6-Dinitrotoluene		620	U	620	4200
2-Chloronaphthalene		2300	U	2300	20000
2-Chlorophenol		2700	U	2700	20000
2-Methylnaphthalene		18000	J D	2600	20000
2-Methylphenol		3500	U	3500	20000
2-Nitroaniline		8600	U	8600	20000
2-Nitrophenol		2300	U	2300	20000
3,3'-Dichlorobenzidine		7200	U	7200	20000
3-Nitroaniline		7300	U	7300	20000
4,6-Dinitro-2-methylphenol		5600	U	5600	42000
4-Bromophenyl phenyl ether		2000	U	2000	20000
4-Chloro-3-methylphenol		3100	U	3100	20000
4-Chloroaniline		5400	U	5400	20000
4-Chlorophenyl phenyl ether		2400	U	2400	20000
4-Methylphenol		4000	U	4000	20000
4-Nitroaniline		6400	U	6400	42000
4-Nitrophenol		13000	U	13000	20000
Acenaphthene		21000	D	3000	20000
Acenaphthylene		15000	J D	2400	20000
Acetophenone		3200	U	3200	20000
Anthracene		44000	D	2500	20000
Atrazine		3200	U	3200	20000
Benzaldehyde		2400	U	2400	20000
Benzo[a]anthracene		73000	D	140	2000
Benzo[a]pyrene		67000	D	150	2000
Benzo[b]fluoranthene		95000	D	130	2000
Benzo[g,h,i]perylene		15000	J D *	1500	20000
Benzo[k]fluoranthene		42000	D	160	2000
Bis(2-chloroethoxy)methane		2700	U	2700	20000
Bis(2-chloroethyl)ether		280	U	280	2000
Bis(2-ethylhexyl) phthalate		6800	U	6800	20000
Butyl benzyl phthalate		1900	U	1900	20000
Caprolactam		4700	U	4700	20000
Carbazole		31000	D	2400	20000
Chrysene		83000	D	2400	20000
Dibenz(a,h)anthracene		5500	D	260	2000
Dibenzofuran		36000	D	2400	20000

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150892.D
Dilution:	50			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2014 1454	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		2400	U	2400	20000
Dimethyl phthalate		2400	U	2400	20000
Di-n-butyl phthalate		2500	U	2500	20000
Di-n-octyl phthalate		1300	U	1300	20000
Diphenyl		6200	J D	2800	20000
Fluoranthene		290000	D	2700	20000
Fluorene		47000	D	2600	20000
Hexachlorobenzene		280	U	280	2000
Hexachlorobutadiene		500	U	500	4200
Hexachlorocyclopentadiene		2400	U	2400	20000
Hexachloroethane		230	U	230	2000
Indeno[1,2,3-cd]pyrene		19000	D	380	2000
Isophorone		2500	U	2500	20000
Naphthalene		37000	D	2400	20000
Nitrobenzene		290	U *	290	2000
N-Nitrosodi-n-propylamine		340	U	340	2000
N-Nitrosodiphenylamine		2000	U	2000	20000
Pentachlorophenol		6100	U	6100	42000
Phenanthrene		270000	D	2600	20000
Phenol		2800	U	2800	20000
Pyrene		120000	D	1700	20000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	0	D	19 - 114
2-Fluorobiphenyl	0	D	49 - 112
2-Fluorophenol	0	D	39 - 103
Nitrobenzene-d5	0	D	40 - 106
Phenol-d5	0	D	44 - 104
Terphenyl-d14	0	D	41 - 145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150892.D
Dilution:	50			Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2014 1454	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2531-84-2	Phenanthrene, 2-methyl-	9.55	44000	D J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.63	53000	D J N
243-17-4	11H-Benzo[b]fluorene	10.81	18000	D J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150886.D
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	06/24/2014 1226			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		58	U	58	430
2,2'-oxybis[1-chloropropane]		48	U	48	430
2,3,4,6-Tetrachlorophenol		56	U	56	430
2,4,5-Trichlorophenol		56	U	56	430
2,4,6-Trichlorophenol		51	U	51	430
2,4-Dichlorophenol		63	U	63	430
2,4-Dimethylphenol		110	U	110	430
2,4-Dinitrophenol		250	U	250	880
2,4-Dinitrotoluene		14	U	14	88
2,6-Dinitrotoluene		13	U	13	88
2-Chloronaphthalene		48	U	48	430
2-Chlorophenol		57	U	57	430
2-Methylnaphthalene		56	U	56	430
2-Methylphenol		74	U	74	430
2-Nitroaniline		180	U	180	430
2-Nitrophenol		48	U	48	430
3,3'-Dichlorobenzidine		150	U	150	430
3-Nitroaniline		150	U	150	430
4,6-Dinitro-2-methylphenol		120	U	120	880
4-Bromophenyl phenyl ether		43	U	43	430
4-Chloro-3-methylphenol		65	U	65	430
4-Chloroaniline		110	U	110	430
4-Chlorophenyl phenyl ether		51	U	51	430
4-Methylphenol		85	U	85	430
4-Nitroaniline		130	U	130	880
4-Nitrophenol		280	U	280	430
Acenaphthene		470		63	430
Acenaphthylene		240	J	51	430
Acetophenone		67	U	67	430
Anthracene		700		53	430
Atrazine		67	U	67	430
Benzaldehyde		51	U	51	430
Benzo[a]anthracene		2300		3.0	43
Benzo[a]pyrene		2200		3.1	43
Benzo[b]fluoranthene		3100		2.7	43
Benzo[g,h,i]perylene		410	J *	32	430
Benzo[k]fluoranthene		1400		3.3	43
Bis(2-chloroethoxy)methane		56	U	56	430
Bis(2-chloroethyl)ether		5.9	U	5.9	43
Bis(2-ethylhexyl) phthalate		140	U	140	430
Butyl benzyl phthalate		40	U	40	430
Caprolactam		100	U	100	430
Carbazole		110	J	51	430
Chrysene		2200		51	430
Dibenz(a,h)anthracene		180		5.5	43
Dibenzofuran		170	J	51	430

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150886.D
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	06/24/2014 1226			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		52	U	52	430
Dimethyl phthalate		51	U	51	430
Di-n-butyl phthalate		120	J	53	430
Di-n-octyl phthalate		28	U	28	430
Diphenyl		58	U	58	430
Fluoranthene		6000		58	430
Fluorene		330	J	55	430
Hexachlorobenzene		5.9	U	5.9	43
Hexachlorobutadiene		11	U	11	88
Hexachlorocyclopentadiene		51	U	51	430
Hexachloroethane		4.8	U	4.8	43
Indeno[1,2,3-cd]pyrene		620		8.1	43
Isophorone		52	U	52	430
Naphthalene		170	J	50	430
Nitrobenzene		6.2	U *	6.2	43
N-Nitrosodi-n-propylamine		7.2	U	7.2	43
N-Nitrosodiphenylamine		43	U	43	430
Pentachlorophenol		130	U	130	880
Phenanthrene		1500		55	430
Phenol		58	U	58	430
Pyrene		2700		36	430

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		19 - 114
2-Fluorobiphenyl	99		49 - 112
2-Fluorophenol	79		39 - 103
Nitrobenzene-d5	90		40 - 106
Phenol-d5	84		44 - 104
Terphenyl-d14	67		41 - 145

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150886.D
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	06/24/2014 1226			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.87	1100	J N
13798-23-7	Sulfur	7.91	1200	J N
13798-23-7	Sulfur	7.95	1900	J N
	Unknown	9.42	2100	J
203-64-5	4H-Cyclopenta[def]phenanthrene	9.63	1500	J N
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	9.65	1900	J N
1000268-54-1	Cyclopropane, 1,1-dimethyl-2-(1-methylet	9.71	2800	J N
	Unknown	9.78	2800	J
	Unknown	9.80	8200	J
	Unknown	9.87	2500	J
	Unknown	9.89	1200	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	9.97	5400	J N
32624-67-2	10,18-Bisnorabieta-8,11,13-triene	10.05	4600	J N
	Unknown	10.15	1300	J
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	10.28	4300	J N
	Unknown	10.33	1600	J
	Unknown	10.42	1400	J
	Unknown	10.58	2300	J
1740-19-8	1-Phenanthrenecarboxylic acid, 1,2,3,4,4	11.62	1400	J N
198-55-0	Perylene	13.68	2300	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150913.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0136			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		110	U	110	790
2,2'-oxybis[1-chloropropane]		88	U	88	790
2,3,4,6-Tetrachlorophenol		100	U	100	790
2,4,5-Trichlorophenol		100	U	100	790
2,4,6-Trichlorophenol		93	U	93	790
2,4-Dichlorophenol		120	U	120	790
2,4-Dimethylphenol		200	U	200	790
2,4-Dinitrophenol		450	U	450	1600
2,4-Dinitrotoluene		26	U	26	160
2,6-Dinitrotoluene		24	U	24	160
2-Chloronaphthalene		89	U	89	790
2-Chlorophenol		100	U	100	790
2-Methylnaphthalene		100	U	100	790
2-Methylphenol		140	U	140	790
2-Nitroaniline		330	U	330	790
2-Nitrophenol		89	U	89	790
3,3'-Dichlorobenzidine		280	U	280	790
3-Nitroaniline		280	U	280	790
4,6-Dinitro-2-methylphenol		220	U	220	1600
4-Bromophenyl phenyl ether		79	U	79	790
4-Chloro-3-methylphenol		120	U	120	790
4-Chloroaniline		210	U	210	790
4-Chlorophenyl phenyl ether		93	U	93	790
4-Methylphenol		160	U	160	790
4-Nitroaniline		250	U	250	1600
4-Nitrophenol		510	U	510	790
Acenaphthene		230	J	120	790
Acenaphthylene		160	J	94	790
Acetophenone		120	U	120	790
Anthracene		660	J	96	790
Atrazine		120	U	120	790
Benzaldehyde		93	U	93	790
Benzo[a]anthracene		3500		5.5	79
Benzo[a]pyrene		3800		5.6	79
Benzo[b]fluoranthene		4600		5.0	79
Benzo[g,h,i]perylene		3100	*	59	790
Benzo[k]fluoranthene		1600		6.0	79
Bis(2-chloroethoxy)methane		100	U	100	790
Bis(2-chloroethyl)ether		11	U	11	79
Bis(2-ethylhexyl) phthalate		260	U	260	790
Butyl benzyl phthalate		73	U	73	790
Caprolactam		180	U	180	790
Carbazole		390	J	94	790
Chrysene		4200		93	790
Dibenz(a,h)anthracene		730		10	79
Dibenzofuran		190	J	93	790

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150913.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0136			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		95	U	95	790
Dimethyl phthalate		94	U	94	790
Di-n-butyl phthalate		98	U	98	790
Di-n-octyl phthalate		51	U	51	790
Diphenyl		110	U	110	790
Fluoranthene		7700		110	790
Fluorene		220	J	100	790
Hexachlorobenzene		11	U	11	79
Hexachlorobutadiene		19	U	19	160
Hexachlorocyclopentadiene		93	U	93	790
Hexachloroethane		8.8	U	8.8	79
Indeno[1,2,3-cd]pyrene		3200		15	79
Isophorone		96	U	96	790
Naphthalene		180	J	92	790
Nitrobenzene		11	U *	11	79
N-Nitrosodi-n-propylamine		13	U	13	79
N-Nitrosodiphenylamine		78	U	78	790
Pentachlorophenol		240	U	240	1600
Phenanthrene		3900		100	790
Phenol		110	U	110	790
Pyrene		7200		66	790

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	78		19 - 114
2-Fluorobiphenyl	92		49 - 112
2-Fluorophenol	77		39 - 103
Nitrobenzene-d5	84		40 - 106
Phenol-d5	79		44 - 104
Terphenyl-d14	93		41 - 145

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150913.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	06/25/2014 0136			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
610-48-0	Anthracene, 1-methyl-	9.60	860	J N
2541-69-7	Benz[a]anthracene, 7-methyl-	12.27	3600	J N
2541-69-7	Benz[a]anthracene, 7-methyl-	12.36	660	J N
192-97-2	Benzo[e]pyrene	13.41	680	J N
192-97-2	Benzo[e]pyrene	13.66	2900	J N
198-55-0	Perylene	13.85	1300	J N
191-26-4	Dibenzo[def,mno]chrysene	15.15	1200	J N
222-93-5	Pentaphene	15.46	720	J N
191-26-4	Dibenzo[def,mno]chrysene	15.87	690	J N

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150884.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2014 1137			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,2'-oxybis[1-chloropropane]		41	U	41	370
2,3,4,6-Tetrachlorophenol		48	U	48	370
2,4,5-Trichlorophenol		48	U	48	370
2,4,6-Trichlorophenol		43	U	43	370
2,4-Dichlorophenol		54	U	54	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dinitrophenol		210	U	210	750
2,4-Dinitrotoluene		12	U	12	75
2,6-Dinitrotoluene		11	U	11	75
2-Chloronaphthalene		41	U	41	370
2-Chlorophenol		49	U	49	370
2-Methylnaphthalene		48	U	48	370
2-Methylphenol		63	U	63	370
2-Nitroaniline		150	U	150	370
2-Nitrophenol		41	U	41	370
3,3'-Dichlorobenzidine		130	U	130	370
3-Nitroaniline		130	U	130	370
4,6-Dinitro-2-methylphenol		100	U	100	750
4-Bromophenyl phenyl ether		37	U	37	370
4-Chloro-3-methylphenol		56	U	56	370
4-Chloroaniline		98	U	98	370
4-Chlorophenyl phenyl ether		43	U	43	370
4-Methylphenol		73	U	73	370
4-Nitroaniline		120	U	120	750
4-Nitrophenol		240	U	240	370
Acenaphthene		72	J	54	370
Acenaphthylene		44	U	44	370
Acetophenone		57	U	57	370
Anthracene		180	J	45	370
Atrazine		57	U	57	370
Benzaldehyde		44	U	44	370
Benzo[a]anthracene		480		2.6	37
Benzo[a]pyrene		510		2.6	37
Benzo[b]fluoranthene		800		2.3	37
Benzo[g,h,i]perylene		130	J *	27	370
Benzo[k]fluoranthene		280		2.8	37
Bis(2-chloroethoxy)methane		48	U	48	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
Bis(2-ethylhexyl) phthalate		120	U	120	370
Butyl benzyl phthalate		34	U	34	370
Caprolactam		85	U	85	370
Carbazole		59	J	44	370
Chrysene		540		43	370
Dibenz(a,h)anthracene		64		4.7	37
Dibenzofuran		63	J	43	370

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150884.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2014 1137			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Diethyl phthalate		44	U	44	370
Dimethyl phthalate		44	U	44	370
Di-n-butyl phthalate		82	J	46	370
Di-n-octyl phthalate		24	U	24	370
Diphenyl		50	U	50	370
Fluoranthene		1200		49	370
Fluorene		91	J	47	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorobutadiene		9.0	U	9.0	75
Hexachlorocyclopentadiene		44	U	44	370
Hexachloroethane		4.1	U	4.1	37
Indeno[1,2,3-cd]pyrene		180		6.9	37
Isophorone		45	U	45	370
Naphthalene		86	J	43	370
Nitrobenzene		5.3	U *	5.3	37
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
N-Nitrosodiphenylamine		37	U	37	370
Pentachlorophenol		110	U	110	750
Phenanthrene		870		47	370
Phenol		50	U	50	370
Pyrene		680		31	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	86		19 - 114
2-Fluorobiphenyl	91		49 - 112
2-Fluorophenol	78		39 - 103
Nitrobenzene-d5	86		40 - 106
Phenol-d5	82		44 - 104
Terphenyl-d14	66		41 - 145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-231764	Lab File ID:	L1150884.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2014 1137			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
198-55-0	Perylene	13.67	570	J N

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	06/23/2014 1003			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	2.3	U *	2.3	13
2,2'-oxybis[1-chloropropane]	1.6	U	1.6	13
2,3,4,6-Tetrachlorophenol	1.1	U	1.1	13
2,4,5-Trichlorophenol	2.8	U	2.8	13
2,4,6-Trichlorophenol	1.8	U	1.8	13
2,4-Dichlorophenol	1.4	U	1.4	13
2,4-Dimethylphenol	1.5	U	1.5	13
2,4-Dinitrophenol	2.5	U	2.5	38
2,4-Dinitrotoluene	0.35	U	0.35	2.5
2,6-Dinitrotoluene	0.34	U	0.34	2.5
2-Chloronaphthalene	1.6	U	1.6	13
2-Chlorophenol	1.2	U	1.2	13
2-Methylnaphthalene	1.9	U	1.9	13
2-Methylphenol	1.8	U	1.8	13
2-Nitroaniline	2.5	U	2.5	25
2-Nitrophenol	0.85	U	0.85	13
3,3'-Dichlorobenzidine	4.0	U	4.0	25
3-Nitroaniline	3.6	U	3.6	25
4,6-Dinitro-2-methylphenol	3.8	U	3.8	38
4-Bromophenyl phenyl ether	1.4	U	1.4	13
4-Chloro-3-methylphenol	1.4	U	1.4	13
4-Chloroaniline	0.40	U	0.40	1.3
4-Chlorophenyl phenyl ether	1.9	U	1.9	13
4-Methylphenol	1.3	U	1.3	13
4-Nitroaniline	3.6	U *	3.6	25
4-Nitrophenol	2.5	U *	2.5	38
Acenaphthene	1.4	U	1.4	13
Acenaphthylene	2.3	U	2.3	13
Acetophenone	1.1	U	1.1	13
Anthracene	1.1	U	1.1	13
Atrazine	1.3	U	1.3	13
Benzaldehyde	2.6	U	2.6	13
Benzo[g,h,i]perylene	1.4	J	1.2	13
Benzo[k]fluoranthene	0.66	J	0.18	1.3
Bis(2-chloroethoxy)methane	1.3	U	1.3	13
Bis(2-chloroethyl)ether	0.38	U	0.38	1.3
Bis(2-ethylhexyl) phthalate	1.0	U	1.0	13
Butyl benzyl phthalate	1.8	U	1.8	13
Caprolactam	1.1	U *	1.1	13
Carbazole	1.5	U	1.5	13
Chrysene	2.2	J	1.8	13
Dibenz(a,h)anthracene	0.20	U	0.20	1.3
Dibenzofuran	1.9	U	1.9	13
Diethyl phthalate	1.8	U	1.8	13
Dimethyl phthalate	1.4	U	1.4	13
Di-n-butyl phthalate	1.8	J *	1.3	13

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	06/23/2014 1003			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Di-n-octyl phthalate	1.1	U	1.1	13
Diphenyl	2.3	U	2.3	13
Fluoranthene	4.7	J	1.4	13
Fluorene	2.1	U	2.1	13
Hexachlorobutadiene	0.85	U	0.85	2.5
Hexachlorocyclopentadiene	1.9	U	1.9	13
Hexachloroethane	0.19	U	0.19	1.3
Indeno[1,2,3-cd]pyrene	1.3		0.14	1.3
Isophorone	1.6	U	1.6	13
Naphthalene	2.5	U	2.5	13
Nitrobenzene	0.43	U	0.43	1.3
N-Nitrosodi-n-propylamine	0.34	U	0.34	1.3
N-Nitrosodiphenylamine	1.3	U	1.3	13
Phenanthrene	1.5	U	1.5	13
Phenol	0.75	U	0.75	13
Pyrene	1.4	U	1.4	13

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	63		51 - 126
2-Fluorobiphenyl	62		50 - 120
2-Fluorophenol	43		15 - 96
Nitrobenzene-d5	72		60 - 114
Phenol-d5	31		4 - 86
Terphenyl-d14	55	X	72 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06025.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	06/23/2014 1003			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06026.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1027			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	2.1	U *	2.1	12
2,2'-oxybis[1-chloropropane]	1.5	U	1.5	12
2,3,4,6-Tetrachlorophenol	1.1	U	1.1	12
2,4,5-Trichlorophenol	2.6	U	2.6	12
2,4,6-Trichlorophenol	1.7	U	1.7	12
2,4-Dichlorophenol	1.3	U	1.3	12
2,4-Dimethylphenol	3.4	J	1.4	12
2,4-Dinitrophenol	2.4	U	2.4	36
2,4-Dinitrotoluene	0.33	U	0.33	2.4
2,6-Dinitrotoluene	0.32	U	0.32	2.4
2-Chloronaphthalene	1.5	U	1.5	12
2-Chlorophenol	1.1	U	1.1	12
2-Methylnaphthalene	1.8	U	1.8	12
2-Methylphenol	1.7	U	1.7	12
2-Nitroaniline	2.4	U	2.4	24
2-Nitrophenol	0.81	U	0.81	12
3,3'-Dichlorobenzidine	3.8	U	3.8	24
3-Nitroaniline	3.5	U	3.5	24
4,6-Dinitro-2-methylphenol	3.6	U	3.6	36
4-Bromophenyl phenyl ether	1.3	U	1.3	12
4-Chloro-3-methylphenol	1.3	U	1.3	12
4-Chloroaniline	0.38	U	0.38	1.2
4-Chlorophenyl phenyl ether	1.8	U	1.8	12
4-Methylphenol	1.2	U	1.2	12
4-Nitroaniline	3.5	U *	3.5	24
4-Nitrophenol	2.4	U *	2.4	36
Acenaphthene	6.1	J	1.3	12
Acenaphthylene	2.8	J	2.1	12
Acetophenone	1.1	U	1.1	12
Anthracene	2.3	J	1.0	12
Atrazine	1.2	U	1.2	12
Benzaldehyde	2.5	U	2.5	12
Benzo[g,h,i]perylene	1.1	U	1.1	12
Benzo[k]fluoranthene	0.79	J	0.17	1.2
Bis(2-chloroethoxy)methane	1.2	U	1.2	12
Bis(2-chloroethyl)ether	0.36	U	0.36	1.2
Bis(2-ethylhexyl) phthalate	0.96	U	0.96	12
Butyl benzyl phthalate	1.7	U	1.7	12
Caprolactam	1.1	U *	1.1	12
Carbazole	11	J	1.4	12
Chrysene	2.2	J	1.7	12
Dibenz(a,h)anthracene	0.20	J	0.19	1.2
Dibenzofuran	7.1	J	1.8	12
Diethyl phthalate	1.7	U	1.7	12
Dimethyl phthalate	1.3	U	1.3	12
Di-n-butyl phthalate	1.2	U *	1.2	12

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06026.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1027			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Di-n-octyl phthalate	1.0	U	1.0	12
Diphenyl	2.1	U	2.1	12
Fluoranthene	8.7	J	1.3	12
Fluorene	8.7	J	2.0	12
Hexachlorobutadiene	0.81	U	0.81	2.4
Hexachlorocyclopentadiene	1.8	U	1.8	12
Hexachloroethane	0.18	U	0.18	1.2
Indeno[1,2,3-cd]pyrene	1.0	J	0.13	1.2
Isophorone	1.5	U	1.5	12
Naphthalene	2.4	U	2.4	12
Nitrobenzene	0.40	U	0.40	1.2
N-Nitrosodi-n-propylamine	0.32	U	0.32	1.2
N-Nitrosodiphenylamine	1.2	U	1.2	12
Phenanthrene	19		1.4	12
Phenol	0.71	U	0.71	12
Pyrene	1.3	U	1.3	12

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	70		51 - 126
2-Fluorobiphenyl	59		50 - 120
2-Fluorophenol	46		15 - 96
Nitrobenzene-d5	69		60 - 114
Phenol-d5	35		4 - 86
Terphenyl-d14	57	X	72 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06026.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1027			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
90-12-0	Naphthalene, 1-methyl-	6.34	10	J N

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06030.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1202			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	2.1	U *	2.1	12
2,2'-oxybis[1-chloropropane]	1.5	U	1.5	12
2,3,4,6-Tetrachlorophenol	1.1	U	1.1	12
2,4,5-Trichlorophenol	2.6	U	2.6	12
2,4,6-Trichlorophenol	1.7	U	1.7	12
2,4-Dichlorophenol	1.3	U	1.3	12
2,4-Dimethylphenol	1.4	U	1.4	12
2,4-Dinitrophenol	2.4	U	2.4	36
2,4-Dinitrotoluene	0.33	U	0.33	2.4
2,6-Dinitrotoluene	0.32	U	0.32	2.4
2-Chloronaphthalene	1.5	U	1.5	12
2-Chlorophenol	1.1	U	1.1	12
2-Methylnaphthalene	1.8	U	1.8	12
2-Methylphenol	1.7	U	1.7	12
2-Nitroaniline	2.4	U	2.4	24
2-Nitrophenol	0.81	U	0.81	12
3,3'-Dichlorobenzidine	3.8	U	3.8	24
3-Nitroaniline	3.5	U	3.5	24
4,6-Dinitro-2-methylphenol	3.6	U	3.6	36
4-Bromophenyl phenyl ether	1.3	U	1.3	12
4-Chloro-3-methylphenol	1.3	U	1.3	12
4-Chloroaniline	0.38	U	0.38	1.2
4-Chlorophenyl phenyl ether	1.8	U	1.8	12
4-Methylphenol	1.2	U	1.2	12
4-Nitroaniline	3.5	U *	3.5	24
4-Nitrophenol	2.4	U *	2.4	36
Acenaphthene	1.3	U	1.3	12
Acenaphthylene	2.1	U	2.1	12
Acetophenone	1.1	U	1.1	12
Anthracene	1.0	U	1.0	12
Atrazine	1.2	U	1.2	12
Benzaldehyde	2.5	U	2.5	12
Benzo[g,h,i]perylene	1.1	U	1.1	12
Benzo[k]fluoranthene	0.80	J	0.17	1.2
Bis(2-chloroethoxy)methane	1.2	U	1.2	12
Bis(2-chloroethyl)ether	0.36	U	0.36	1.2
Bis(2-ethylhexyl) phthalate	0.96	U	0.96	12
Butyl benzyl phthalate	1.7	U	1.7	12
Caprolactam	1.1	U *	1.1	12
Carbazole	1.4	U	1.4	12
Chrysene	1.7	J	1.7	12
Dibenz(a,h)anthracene	0.19	U	0.19	1.2
Dibenzofuran	1.8	U	1.8	12
Diethyl phthalate	1.7	U	1.7	12
Dimethyl phthalate	1.3	U	1.3	12
Di-n-butyl phthalate	1.2	U *	1.2	12

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06030.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1202			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Di-n-octyl phthalate	1.0	U	1.0	12
Diphenyl	2.1	U	2.1	12
Fluoranthene	3.4	J	1.3	12
Fluorene	2.0	U	2.0	12
Hexachlorobutadiene	0.81	U	0.81	2.4
Hexachlorocyclopentadiene	1.8	U	1.8	12
Hexachloroethane	0.18	U	0.18	1.2
Indeno[1,2,3-cd]pyrene	1.0	J	0.13	1.2
Isophorone	1.5	U	1.5	12
Naphthalene	2.4	U	2.4	12
Nitrobenzene	0.40	U	0.40	1.2
N-Nitrosodi-n-propylamine	0.32	U	0.32	1.2
N-Nitrosodiphenylamine	1.2	U	1.2	12
Phenanthrene	2.9	J	1.4	12
Phenol	0.71	U	0.71	12
Pyrene	1.3	U	1.3	12

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	67		51 - 126
2-Fluorobiphenyl	62		50 - 120
2-Fluorophenol	47		15 - 96
Nitrobenzene-d5	71		60 - 114
Phenol-d5	34		4 - 86
Terphenyl-d14	56	X	72 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06030.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/23/2014 1202			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06031.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	06/23/2014 1226			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	2.0	U *	2.0	11
2,2'-oxybis[1-chloropropane]	1.4	U	1.4	11
2,3,4,6-Tetrachlorophenol	0.97	U	0.97	11
2,4,5-Trichlorophenol	2.4	U	2.4	11
2,4,6-Trichlorophenol	1.5	U	1.5	11
2,4-Dichlorophenol	1.2	U	1.2	11
2,4-Dimethylphenol	1.3	U	1.3	11
2,4-Dinitrophenol	2.2	U	2.2	33
2,4-Dinitrotoluene	0.30	U	0.30	2.2
2,6-Dinitrotoluene	0.29	U	0.29	2.2
2-Chloronaphthalene	1.4	U	1.4	11
2-Chlorophenol	1.0	U	1.0	11
2-Methylnaphthalene	1.6	U	1.6	11
2-Methylphenol	1.5	U	1.5	11
2-Nitroaniline	2.2	U	2.2	22
2-Nitrophenol	0.74	U	0.74	11
3,3'-Dichlorobenzidine	3.5	U	3.5	22
3-Nitroaniline	3.2	U	3.2	22
4,6-Dinitro-2-methylphenol	3.3	U	3.3	33
4-Bromophenyl phenyl ether	1.2	U	1.2	11
4-Chloro-3-methylphenol	1.2	U	1.2	11
4-Chloroaniline	0.35	U	0.35	1.1
4-Chlorophenyl phenyl ether	1.6	U	1.6	11
4-Methylphenol	1.1	U	1.1	11
4-Nitroaniline	3.2	U *	3.2	22
4-Nitrophenol	2.2	U *	2.2	33
Acenaphthene	1.2	U	1.2	11
Acenaphthylene	2.0	U	2.0	11
Acetophenone	0.97	U	0.97	11
Anthracene	0.92	U	0.92	11
Atrazine	1.1	U	1.1	11
Benzaldehyde	2.3	U	2.3	11
Benzo[g,h,i]perylene	1.0	U	1.0	11
Benzo[k]fluoranthene	0.15	U	0.15	1.1
Bis(2-chloroethoxy)methane	1.1	U	1.1	11
Bis(2-chloroethyl)ether	0.33	U	0.33	1.1
Bis(2-ethylhexyl) phthalate	0.88	U	0.88	11
Butyl benzyl phthalate	1.5	U	1.5	11
Caprolactam	3.1	J *	0.99	11
Carbazole	1.3	U	1.3	11
Chrysene	1.5	U	1.5	11
Dibenz(a,h)anthracene	0.17	U	0.17	1.1
Dibenzofuran	1.6	U	1.6	11
Diethyl phthalate	1.5	U	1.5	11
Dimethyl phthalate	1.2	U	1.2	11
Di-n-butyl phthalate	2.4	J *	1.1	11

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06031.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	06/23/2014 1226			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Di-n-octyl phthalate	0.96	U	0.96	11
Diphenyl	2.0	U	2.0	11
Fluoranthene	1.2	U	1.2	11
Fluorene	1.8	U	1.8	11
Hexachlorobutadiene	0.74	U	0.74	2.2
Hexachlorocyclopentadiene	1.6	U	1.6	11
Hexachloroethane	0.16	U	0.16	1.1
Indeno[1,2,3-cd]pyrene	0.12	U	0.12	1.1
Isophorone	1.4	U	1.4	11
Naphthalene	2.2	U	2.2	11
Nitrobenzene	0.37	U	0.37	1.1
N-Nitrosodi-n-propylamine	0.29	U	0.29	1.1
N-Nitrosodiphenylamine	1.1	U	1.1	11
Phenanthrene	1.6	J	1.3	11
Phenol	0.65	U	0.65	11
Pyrene	1.2	U	1.2	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	75		51 - 126
2-Fluorobiphenyl	61		50 - 120
2-Fluorophenol	48		15 - 96
Nitrobenzene-d5	72		60 - 114
Phenol-d5	36		4 - 86
Terphenyl-d14	62	X	72 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	C06031.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	06/23/2014 1226			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

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

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

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D SIM Semivolatile Organic Compounds (GC/MS SIM)

Analysis Method:	8270D SIM	Analysis Batch:	460-232519	Instrument ID:	CBNAMS4
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	U97047.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	06/24/2014 1435			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	2.3		0.044	0.063
Benzo[a]pyrene	2.6		0.059	0.063
Benzo[b]fluoranthene	1.8		0.037	0.063
Pentachlorophenol	0.18	U	0.18	0.25
Hexachlorobenzene	0.0081	U	0.0081	0.025

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D SIM Semivolatile Organic Compounds (GC/MS SIM)

Analysis Method:	8270D SIM	Analysis Batch:	460-232519	Instrument ID:	CBNAMS4
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	U97048.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/24/2014 1457			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	1.9		0.042	0.060
Benzo[a]pyrene	1.4		0.057	0.060
Benzo[b]fluoranthene	2.0		0.036	0.060
Pentachlorophenol	0.17	U	0.17	0.24
Hexachlorobenzene	0.0077	U	0.0077	0.024

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D SIM Semivolatile Organic Compounds (GC/MS SIM)

Analysis Method:	8270D SIM	Analysis Batch:	460-232519	Instrument ID:	CBNAMS4
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	U97049.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	06/24/2014 1519			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	1.3		0.042	0.060
Benzo[a]pyrene	1.3		0.057	0.060
Benzo[b]fluoranthene	1.5		0.036	0.060
Pentachlorophenol	0.17	U	0.17	0.24
Hexachlorobenzene	0.0077	U	0.0077	0.024

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8270D SIM Semivolatile Organic Compounds (GC/MS SIM)

Analysis Method:	8270D SIM	Analysis Batch:	460-232632	Instrument ID:	CBNAMS4
Prep Method:	3510C	Prep Batch:	460-231898	Lab File ID:	U97080.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	06/25/2014 0406			Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.19		0.038	0.054
Benzo[a]pyrene	0.13		0.052	0.054
Benzo[b]fluoranthene	0.16		0.033	0.054
Pentachlorophenol	0.15	U	0.15	0.22
Hexachlorobenzene	0.0071	U	0.0071	0.022

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1318			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0018	U	0.0018	0.0086
alpha-BHC		0.0019	U	0.0019	0.0086
beta-BHC		0.0021	U	0.0021	0.0086
delta-BHC		0.0015	U	0.0015	0.0086
gamma-BHC (Lindane)		0.0015	U	0.0015	0.0086
Chlordane		0.024	U	0.024	0.086
4,4'-DDD		0.0017	U	0.0017	0.0086
4,4'-DDE		0.0017	U	0.0017	0.0086
4,4'-DDT		0.0021	U	0.0021	0.0086
Dieldrin		0.0015	U	0.0015	0.0086
Endosulfan I		0.0019	U	0.0019	0.0086
Endosulfan II		0.0017	U	0.0017	0.0086
Endosulfan sulfate		0.0017	U	0.0017	0.0086
Endrin		0.0021	U	0.0021	0.0086
Endrin aldehyde		0.0013	U	0.0013	0.0086
Heptachlor		0.0021	U	0.0021	0.0086
Heptachlor epoxide		0.0019	U	0.0019	0.0086
Toxaphene		0.023	U	0.023	0.086

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	87		72 - 136
DCB Decachlorobiphenyl	81		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1
Client Matrix: Solid
% Moisture: 22.0

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1318			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		72 - 136
DCB Decachlorobiphenyl	78		76 - 149

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1330			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0017	U	0.0017	0.0082
alpha-BHC		0.0018	U	0.0018	0.0082
beta-BHC		0.0020	U	0.0020	0.0082
delta-BHC		0.0015	U	0.0015	0.0082
gamma-BHC (Lindane)		0.0015	U	0.0015	0.0082
Chlordane		0.023	U	0.023	0.082
4,4'-DDD		0.0016	U	0.0016	0.0082
4,4'-DDE		0.0016	U	0.0016	0.0082
4,4'-DDT		0.0020	U	0.0020	0.0082
Dieldrin		0.0015	U	0.0015	0.0082
Endosulfan I		0.0018	U	0.0018	0.0082
Endosulfan II		0.0016	U	0.0016	0.0082
Endosulfan sulfate		0.0016	U	0.0016	0.0082
Endrin		0.0020	U	0.0020	0.0082
Endrin aldehyde		0.0012	U	0.0012	0.0082
Heptachlor		0.0020	U	0.0020	0.0082
Heptachlor epoxide		0.0018	U	0.0018	0.0082
Toxaphene		0.022	U	0.022	0.082

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		72 - 136
DCB Decachlorobiphenyl	78		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1330			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		72 - 136
DCB Decachlorobiphenyl	77		76 - 149

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1341			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0019	U	0.0019	0.0089
alpha-BHC		0.0020	U	0.0020	0.0089
beta-BHC		0.0021	U	0.0021	0.0089
delta-BHC		0.0016	U	0.0016	0.0089
gamma-BHC (Lindane)		0.0016	U	0.0016	0.0089
Chlordane		0.025	U	0.025	0.089
4,4'-DDD		0.0017	U	0.0017	0.0089
4,4'-DDE		0.0017	U	0.0017	0.0089
4,4'-DDT		0.0021	U	0.0021	0.0089
Dieldrin		0.0016	U	0.0016	0.0089
Endosulfan I		0.0020	U	0.0020	0.0089
Endosulfan II		0.0017	U	0.0017	0.0089
Endosulfan sulfate		0.0017	U	0.0017	0.0089
Endrin		0.0021	U	0.0021	0.0089
Endrin aldehyde		0.0013	U	0.0013	0.0089
Heptachlor		0.0021	U	0.0021	0.0089
Heptachlor epoxide		0.0020	U	0.0020	0.0089
Toxaphene		0.024	U	0.024	0.089

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		72 - 136
DCB Decachlorobiphenyl	79		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3
Client Matrix: Solid
% Moisture: 24.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1341			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		72 - 136
DCB Decachlorobiphenyl	61	X	76 - 149

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1353			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0017	U	0.0017	0.0083
alpha-BHC		0.0019	U	0.0019	0.0083
beta-BHC		0.0020	U	0.0020	0.0083
delta-BHC		0.0015	U	0.0015	0.0083
gamma-BHC (Lindane)		0.0015	U	0.0015	0.0083
Chlordane		0.024	U	0.024	0.083
4,4'-DDD		0.0016	U	0.0016	0.0083
4,4'-DDE		0.0016	U	0.0016	0.0083
4,4'-DDT		0.0020	U	0.0020	0.0083
Dieldrin		0.0015	U	0.0015	0.0083
Endosulfan I		0.0019	U	0.0019	0.0083
Endosulfan II		0.0016	U	0.0016	0.0083
Endosulfan sulfate		0.0016	U	0.0016	0.0083
Endrin		0.0020	U	0.0020	0.0083
Endrin aldehyde		0.0012	U	0.0012	0.0083
Heptachlor		0.0020	U	0.0020	0.0083
Heptachlor epoxide		0.0019	U	0.0019	0.0083
Toxaphene		0.022	U	0.022	0.083

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		72 - 136
DCB Decachlorobiphenyl	105		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1353			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		72 - 136
DCB Decachlorobiphenyl	85		76 - 149

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1404			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0018	U	0.0018	0.0088
alpha-BHC		0.0020	U	0.0020	0.0088
beta-BHC		0.0021	U	0.0021	0.0088
delta-BHC		0.0016	U	0.0016	0.0088
gamma-BHC (Lindane)		0.0016	U	0.0016	0.0088
Chlordane		0.025	U	0.025	0.088
4,4'-DDD		0.0017	U	0.0017	0.0088
4,4'-DDE		0.0017	U	0.0017	0.0088
4,4'-DDT		0.0021	U	0.0021	0.0088
Dieldrin		0.0016	U	0.0016	0.0088
Endosulfan I		0.0020	U	0.0020	0.0088
Endosulfan II		0.0017	U	0.0017	0.0088
Endosulfan sulfate		0.0017	U	0.0017	0.0088
Endrin		0.0021	U	0.0021	0.0088
Endrin aldehyde		0.0013	U	0.0013	0.0088
Heptachlor		0.0021	U	0.0021	0.0088
Heptachlor epoxide		0.0020	U	0.0020	0.0088
Toxaphene		0.024	U	0.024	0.088

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	87		72 - 136
DCB Decachlorobiphenyl	87		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5
Client Matrix: Solid
% Moisture: 23.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1404			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		72 - 136
DCB Decachlorobiphenyl	84		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6
Client Matrix: Solid
% Moisture: 16.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1416			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0017	U	0.0017	0.0080
alpha-BHC		0.0018	U	0.0018	0.0080
beta-BHC		0.0019	U	0.0019	0.0080
delta-BHC		0.0014	U	0.0014	0.0080
gamma-BHC (Lindane)		0.0014	U	0.0014	0.0080
Chlordane		0.023	U	0.023	0.080
4,4'-DDD		0.0016	U	0.0016	0.0080
4,4'-DDE		0.0016	U	0.0016	0.0080
4,4'-DDT		0.0019	U	0.0019	0.0080
Dieldrin		0.0014	U	0.0014	0.0080
Endosulfan I		0.0018	U	0.0018	0.0080
Endosulfan II		0.0016	U	0.0016	0.0080
Endosulfan sulfate		0.0016	U	0.0016	0.0080
Endrin		0.0019	U	0.0019	0.0080
Endrin aldehyde		0.0012	U	0.0012	0.0080
Heptachlor		0.0019	U	0.0019	0.0080
Heptachlor epoxide		0.0018	U	0.0018	0.0080
Toxaphene		0.022	U	0.022	0.080

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		72 - 136
DCB Decachlorobiphenyl	89		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6
Client Matrix: Solid
% Moisture: 16.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1416			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		72 - 136
DCB Decachlorobiphenyl	78		76 - 149

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1427			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aldrin		0.0016	U	0.0016	0.0075
alpha-BHC		0.0017	U	0.0017	0.0075
beta-BHC		0.0018	U	0.0018	0.0075
delta-BHC		0.0013	U	0.0013	0.0075
gamma-BHC (Lindane)		0.0013	U	0.0013	0.0075
Chlordane		0.021	U	0.021	0.075
4,4'-DDD		0.0015	U	0.0015	0.0075
4,4'-DDE		0.0015	U	0.0015	0.0075
4,4'-DDT		0.0018	U	0.0018	0.0075
Dieldrin		0.0013	U	0.0013	0.0075
Endosulfan I		0.0017	U	0.0017	0.0075
Endosulfan II		0.0015	U	0.0015	0.0075
Endosulfan sulfate		0.0015	U	0.0015	0.0075
Endrin		0.0018	U	0.0018	0.0075
Endrin aldehyde		0.0011	U	0.0011	0.0075
Heptachlor		0.0018	U	0.0018	0.0075
Heptachlor epoxide		0.0017	U	0.0017	0.0075
Toxaphene		0.020	U	0.020	0.075

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	91		72 - 136
DCB Decachlorobiphenyl	91		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-231796	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1427			Injection Volume:	1 uL
Prep Date:	06/20/2014 0313			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		72 - 136
DCB Decachlorobiphenyl	84		76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1730			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.017	U	0.017	0.050
alpha-BHC	0.0090	U	0.0090	0.050
beta-BHC	0.013	U	0.013	0.050
delta-BHC	0.012	U	0.012	0.050
gamma-BHC (Lindane)	0.014	U	0.014	0.050
Chlordane	0.21	U	0.21	0.50
4,4'-DDD	0.019	U	0.019	0.050
4,4'-DDE	0.016	U	0.016	0.050
4,4'-DDT	0.017	U	0.017	0.050
Dieldrin	0.022	U	0.022	0.050
Endosulfan I	0.016	U	0.016	0.050
Endosulfan II	0.016	U	0.016	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.017	U	0.017	0.050
Endrin aldehyde	0.016	U	0.016	0.050
Endrin ketone	0.016	U	0.016	0.050
Heptachlor	0.014	U	0.014	0.050
Heptachlor epoxide	0.016	U	0.016	0.050
Methoxychlor	0.015	U	0.015	0.050
Toxaphene	0.34	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		50 - 147
DCB Decachlorobiphenyl	66		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1730			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		50 - 147
DCB Decachlorobiphenyl	48		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1742			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.017	U	0.017	0.050
alpha-BHC	0.0090	U	0.0090	0.050
beta-BHC	0.013	U	0.013	0.050
delta-BHC	0.012	U	0.012	0.050
gamma-BHC (Lindane)	0.014	U	0.014	0.050
Chlordane	0.21	U	0.21	0.50
4,4'-DDD	0.019	U	0.019	0.050
4,4'-DDE	0.016	U	0.016	0.050
4,4'-DDT	0.017	U	0.017	0.050
Dieldrin	0.022	U	0.022	0.050
Endosulfan I	0.016	U	0.016	0.050
Endosulfan II	0.016	U	0.016	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.017	U	0.017	0.050
Endrin aldehyde	0.016	U	0.016	0.050
Endrin ketone	0.016	U	0.016	0.050
Heptachlor	0.014	U	0.014	0.050
Heptachlor epoxide	0.016	U	0.016	0.050
Methoxychlor	0.015	U	0.015	0.050
Toxaphene	0.34	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		50 - 147
DCB Decachlorobiphenyl	51		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1742			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		50 - 147
DCB Decachlorobiphenyl	50		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1753			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.017	U	0.017	0.050
alpha-BHC	0.0090	U	0.0090	0.050
beta-BHC	0.013	U	0.013	0.050
delta-BHC	0.012	U	0.012	0.050
gamma-BHC (Lindane)	0.014	U	0.014	0.050
Chlordane	0.21	U	0.21	0.50
4,4'-DDD	0.019	U	0.019	0.050
4,4'-DDE	0.016	U	0.016	0.050
4,4'-DDT	0.017	U	0.017	0.050
Dieldrin	0.022	U	0.022	0.050
Endosulfan I	0.016	U	0.016	0.050
Endosulfan II	0.016	U	0.016	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.017	U	0.017	0.050
Endrin aldehyde	0.016	U	0.016	0.050
Endrin ketone	0.016	U	0.016	0.050
Heptachlor	0.014	U	0.014	0.050
Heptachlor epoxide	0.016	U	0.016	0.050
Methoxychlor	0.015	U	0.015	0.050
Toxaphene	0.34	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		50 - 147
DCB Decachlorobiphenyl	61		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1753			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		50 - 147
DCB Decachlorobiphenyl	49		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1805			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.017	U	0.017	0.050
alpha-BHC	0.0090	U	0.0090	0.050
beta-BHC	0.013	U	0.013	0.050
delta-BHC	0.012	U	0.012	0.050
gamma-BHC (Lindane)	0.014	U	0.014	0.050
Chlordane	0.21	U	0.21	0.50
4,4'-DDD	0.019	U	0.019	0.050
4,4'-DDE	0.016	U	0.016	0.050
4,4'-DDT	0.017	U	0.017	0.050
Dieldrin	0.022	U	0.022	0.050
Endosulfan I	0.016	U	0.016	0.050
Endosulfan II	0.016	U	0.016	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.017	U	0.017	0.050
Endrin aldehyde	0.016	U	0.016	0.050
Endrin ketone	0.016	U	0.016	0.050
Heptachlor	0.014	U	0.014	0.050
Heptachlor epoxide	0.016	U	0.016	0.050
Methoxychlor	0.015	U	0.015	0.050
Toxaphene	0.34	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		50 - 147
DCB Decachlorobiphenyl	27	p	26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-231851	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1805			Injection Volume:	1 uL
Prep Date:	06/20/2014 1009			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		50 - 147
DCB Decachlorobiphenyl	94		26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1
Client Matrix: Solid
% Moisture: 22.0
Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1747			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.019	U	0.019	0.086
Aroclor 1221		0.019	U	0.019	0.086
Aroclor 1232		0.019	U	0.019	0.086
Aroclor 1242		0.019	U	0.019	0.086
Aroclor 1248		0.019	U	0.019	0.086
Aroclor 1254		0.024	U	0.024	0.086
Aroclor 1260		0.024	U	0.024	0.086
Aroclor 1262		0.024	U	0.024	0.086
Aroclor 1268		0.024	U	0.024	0.086

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1
Client Matrix: Solid
% Moisture: 22.0

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1747			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		53 - 150

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1806			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.018	U	0.018	0.082
Aroclor 1221		0.018	U	0.018	0.082
Aroclor 1232		0.018	U	0.018	0.082
Aroclor 1242		0.018	U	0.018	0.082
Aroclor 1248		0.018	U	0.018	0.082
Aroclor 1254		0.023	U	0.023	0.082
Aroclor 1260		0.023	U	0.023	0.082
Aroclor 1262		0.023	U	0.023	0.082
Aroclor 1268		0.023	U	0.023	0.082

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1806			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3
Client Matrix: Solid
% Moisture: 24.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1825			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.020	U	0.020	0.089
Aroclor 1221		0.020	U	0.020	0.089
Aroclor 1232		0.020	U	0.020	0.089
Aroclor 1242		0.020	U	0.020	0.089
Aroclor 1248		0.020	U	0.020	0.089
Aroclor 1254		0.025	U	0.025	0.089
Aroclor 1260		0.025	U	0.025	0.089
Aroclor 1262		0.025	U	0.025	0.089
Aroclor 1268		0.025	U	0.025	0.089

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3
Client Matrix: Solid
% Moisture: 24.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1825			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1845			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.019	U	0.019	0.083
Aroclor 1221		0.019	U	0.019	0.083
Aroclor 1232		0.019	U	0.019	0.083
Aroclor 1242		0.019	U	0.019	0.083
Aroclor 1248		0.019	U	0.019	0.083
Aroclor 1254		0.024	U	0.024	0.083
Aroclor 1260		0.024	U	0.024	0.083
Aroclor 1262		0.024	U	0.024	0.083
Aroclor 1268		0.024	U	0.024	0.083

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4
Client Matrix: Solid
% Moisture: 19.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1845			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		53 - 150

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1904			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.020	U	0.020	0.088
Aroclor 1221		0.020	U	0.020	0.088
Aroclor 1232		0.020	U	0.020	0.088
Aroclor 1242		0.020	U	0.020	0.088
Aroclor 1248		0.020	U	0.020	0.088
Aroclor 1254		0.025	U	0.025	0.088
Aroclor 1260		0.025	U	0.025	0.088
Aroclor 1262		0.025	U	0.025	0.088
Aroclor 1268		0.025	U	0.025	0.088

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5
Client Matrix: Solid
% Moisture: 23.6

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1904			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6
Client Matrix: Solid
% Moisture: 16.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1923			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.018	U	0.018	0.080
Aroclor 1221		0.018	U	0.018	0.080
Aroclor 1232		0.018	U	0.018	0.080
Aroclor 1242		0.018	U	0.018	0.080
Aroclor 1248		0.018	U	0.018	0.080
Aroclor 1254		0.023	U	0.023	0.080
Aroclor 1260		0.023	U	0.023	0.080
Aroclor 1262		0.023	U	0.023	0.080
Aroclor 1268		0.023	U	0.023	0.080

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6
Client Matrix: Solid
% Moisture: 16.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1923			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1942			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aroclor 1016		0.017	U	0.017	0.075
Aroclor 1221		0.017	U	0.017	0.075
Aroclor 1232		0.017	U	0.017	0.075
Aroclor 1242		0.017	U	0.017	0.075
Aroclor 1248		0.017	U	0.017	0.075
Aroclor 1254		0.021	U	0.021	0.075
Aroclor 1260		0.021	U	0.021	0.075
Aroclor 1262		0.021	U	0.021	0.075
Aroclor 1268		0.021	U	0.021	0.075

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-231790	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/20/2014 1942			Injection Volume:	1 uL
Prep Date:	06/20/2014 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/23/2014 0729	Run Type:	RA	Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/23/2014 0729	Run Type:	RA	Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232089	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1134			Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232089	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1134			Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232089	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1149			Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232089	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/21/2014 1149			Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/23/2014 0743	Run Type:	RA	Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-231852	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	06/23/2014 0743	Run Type:	RA	Injection Volume:	1 uL
Prep Date:	06/20/2014 1016			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		13 - 150

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.17 g
Analysis Date:	06/20/2014 2109			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7560		24.2	43.9
Antimony		1.7	U	1.7	4.4
Arsenic		6.7		0.90	3.3
Barium		201		1.9	43.9
Beryllium		0.48		0.30	0.44
Cadmium		0.81	J	0.31	0.88
Calcium		9250		83.9	1100
Chromium		12.4		0.88	2.2
Cobalt		6.4	J	0.99	11.0
Copper		57.1		1.9	5.5
Iron		9770		27.3	32.9
Lead		333		0.90	2.2
Magnesium		1250		72.8	1100
Manganese		194		0.95	3.3
Nickel		33.3		2.0	8.8
Potassium		982	J	30.3	1100
Selenium		1.2	U	1.2	4.4
Silver		0.43	U	0.43	2.2
Sodium		474	J	82.9	1100
Thallium		2.1	U	2.1	4.4
Vanadium		18.5		0.91	11.0
Zinc		273		1.9	6.6

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	5.0			Initial Weight/Volume:	0.65 g
Analysis Date:	06/20/2014 1020			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		3.1		0.071	0.10

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.11 g
Analysis Date:	06/20/2014 2112			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5750		24.6	44.4
Antimony		1.7	U	1.7	4.4
Arsenic		6.3		0.91	3.3
Barium		225		1.9	44.4
Beryllium		0.33	J	0.30	0.44
Cadmium		0.85	J	0.31	0.89
Calcium		10100		85.0	1110
Chromium		22.0		0.89	2.2
Cobalt		4.8	J	1.0	11.1
Copper		174		2.0	5.6
Iron		19700		27.7	33.3
Lead		245		0.91	2.2
Magnesium		1720		73.8	1110
Manganese		257		0.96	3.3
Nickel		19.5		2.0	8.9
Potassium		568	J	30.7	1110
Selenium		1.3	U	1.3	4.4
Silver		0.43	U	0.43	2.2
Sodium		228	J	84.0	1110
Thallium		2.2	U	2.2	4.4
Vanadium		25.0		0.92	11.1
Zinc		596		1.9	6.7

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	06/20/2014 1023			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.23		0.013	0.019

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 24.6 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.13 g
Analysis Date:	06/20/2014 2116			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8200		25.9	46.9
Antimony		1.8	U	1.8	4.7
Arsenic		6.4		0.96	3.5
Barium		68.5		2.0	46.9
Beryllium		0.39	J	0.32	0.47
Cadmium		0.33	U	0.33	0.94
Calcium		6810		89.8	1170
Chromium		20.0		0.94	2.3
Cobalt		6.9	J	1.1	11.7
Copper		27.0		2.1	5.9
Iron		16500		29.2	35.2
Lead		134		0.96	2.3
Magnesium		3750		77.9	1170
Manganese		184		1.0	3.5
Nickel		38.8		2.1	9.4
Potassium		1260		32.4	1170
Selenium		1.3	U	1.3	4.7
Silver		0.46	U	0.46	2.3
Sodium		279	J	88.7	1170
Thallium		2.3	U	2.3	4.7
Vanadium		25.4		0.97	11.7
Zinc		75.1		2.0	7.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	06/20/2014 1025			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.44		0.015	0.022

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	06/20/2014 2119			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4780		27.0	48.8
Antimony		1.8	U	1.8	4.9
Arsenic		2.9	J	1.0	3.7
Barium		34.5	J	2.1	48.8
Beryllium		0.33	U	0.33	0.49
Cadmium		0.35	U	0.35	0.98
Calcium		3830		93.4	1220
Chromium		12.9		0.98	2.4
Cobalt		5.1	J	1.1	12.2
Copper		22.7		2.1	6.1
Iron		13500		30.4	36.6
Lead		106		1.0	2.4
Magnesium		2880		81.1	1220
Manganese		141		1.1	3.7
Nickel		16.0		2.2	9.8
Potassium		937	J	33.7	1220
Selenium		1.4	U	1.4	4.9
Silver		0.47	U	0.47	2.4
Sodium		255	J	92.3	1220
Thallium		2.4	U	2.4	4.9
Vanadium		26.1		1.0	12.2
Zinc		47.0		2.1	7.3

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2014 1032			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.31		0.014	0.019

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	06/20/2014 2123			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6930		25.8	46.7
Antimony		1.8	U	1.8	4.7
Arsenic		4.5		0.96	3.5
Barium		108		2.0	46.7
Beryllium		0.35	J	0.32	0.47
Cadmium		0.33	U	0.33	0.93
Calcium		37700		89.4	1170
Chromium		19.5		0.94	2.3
Cobalt		4.4	J	1.1	11.7
Copper		17.6		2.1	5.8
Iron		14200		29.1	35.0
Lead		195		0.96	2.3
Magnesium		11100		77.6	1170
Manganese		613		1.0	3.5
Nickel		20.2		2.1	9.3
Potassium		938	J	32.2	1170
Selenium		1.3	U	1.3	4.7
Silver		0.45	U	0.45	2.3
Sodium		471	J	88.3	1170
Thallium		2.3	U	2.3	4.7
Vanadium		18.6		0.97	11.7
Zinc		52.0		2.0	7.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2014 1034			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.26		0.016	0.022

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 16.7 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	06/20/2014 2126			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8080		25.8	46.6
Antimony		1.8	U	1.8	4.7
Arsenic		7.1		0.95	3.5
Barium		117		2.0	46.6
Beryllium		0.44	J	0.32	0.47
Cadmium		0.46	J	0.33	0.93
Calcium		37200		89.2	1170
Chromium		16.6		0.93	2.3
Cobalt		5.6	J	1.1	11.7
Copper		141		2.1	5.8
Iron		16200		29.0	35.0
Lead		316		0.96	2.3
Magnesium		7310		77.4	1170
Manganese		578		1.0	3.5
Nickel		19.9		2.1	9.3
Potassium		1410		32.2	1170
Selenium		1.3	U	1.3	4.7
Silver		0.45	U	0.45	2.3
Sodium		726	J	88.1	1170
Thallium		2.3	U	2.3	4.7
Vanadium		20.0		0.96	11.7
Zinc		274		2.0	7.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	06/20/2014 1036			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.86		0.014	0.020

Client: Hillmann Consulting LLC | Job Number: 460-78044-1

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 | Date Sampled: 06/18/2014 0000
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 06/19/2014 1230

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-232053	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	06/20/2014 2130			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5170		24.0	43.5
Antimony		1.6	U	1.6	4.3
Arsenic		2.1	J	0.89	3.3
Barium		91.2		1.9	43.5
Beryllium		0.30	U	0.30	0.43
Cadmium		0.31	U	0.31	0.87
Calcium		49200		83.2	1090
Chromium		9.1		0.87	2.2
Cobalt		2.3	J	0.98	10.9
Copper		6.3		1.9	5.4
Iron		8130		27.1	32.6
Lead		18.9		0.89	2.2
Magnesium		17800		72.2	1090
Manganese		835		0.94	3.3
Nickel		11.1		1.9	8.7
Potassium		652	J	30.0	1090
Selenium		1.2	U	1.2	4.3
Silver		0.42	J	0.42	2.2
Sodium		317	J	82.2	1090
Thallium		2.1	U	2.1	4.3
Vanadium		10.6	J	0.90	10.9
Zinc		18.6		1.9	6.5

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	06/20/2014 1038			Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.047		0.013	0.018

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	013SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1841			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	4.6	U	4.6	5.0
Arsenic	295		2.3	2.5
Barium	714		4.5	5.0
Beryllium	4.3		0.88	1.0
Cadmium	2.7		2.0	2.5
Cobalt	71.6		4.5	5.0
Chromium	222		4.6	5.0
Copper	375		4.7	5.0
Manganese	14100		9.1	10.0
Nickel	260		4.7	5.0
Lead	1120		1.4	1.5
Antimony	5.5		2.2	2.5
Selenium	12.4		2.2	2.5
Vanadium	163		4.4	5.0
Zinc	1130		17.7	20.0
Aluminum	65100		46.7	50.0
Sodium	528000		213	250
Magnesium	87700		224	250
Potassium	50600		211	250
Calcium	197000		237	250
Iron	156000		142	150
Thallium	1.3		0.94	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Prep Method:	7470A	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	3.0			Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1648			Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	13.8		0.48	0.60

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	008SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1814			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	17.0		4.6	5.0
Arsenic	703		2.3	2.5
Barium	9320		4.5	5.0
Beryllium	57.0		0.88	1.0
Cadmium	18.9		2.0	2.5
Cobalt	607		4.5	5.0
Chromium	1580		4.6	5.0
Copper	3600		4.7	5.0
Manganese	31800		9.1	10.0
Nickel	2120		4.7	5.0
Lead	16100		1.4	1.5
Antimony	6.2		2.2	2.5
Selenium	45.6		2.2	2.5
Vanadium	1910		4.4	5.0
Sodium	297000		213	250
Magnesium	381000		224	250
Potassium	140000		211	250
Calcium	1000000		237	250
Thallium	12.5		0.94	1.0

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	007SMPL.D
Dilution:	25			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1809			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Zinc	8590		88.5	100
Aluminum	748000		234	250
Iron	1800000		710	750

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Prep Method:	7470A	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	10			Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1650			Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	34.1		1.6	2.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	009SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1820			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	27.0		4.6	5.0
Arsenic	1200		2.3	2.5
Barium	4460		4.5	5.0
Beryllium	75.0		0.88	1.0
Cadmium	64.3		2.0	2.5
Cobalt	981		4.5	5.0
Chromium	3250		4.6	5.0
Manganese	58500		9.1	10.0
Nickel	4430		4.7	5.0
Antimony	14.8		2.2	2.5
Selenium	59.1		2.2	2.5
Vanadium	2690		4.4	5.0
Sodium	405000		213	250
Magnesium	599000		224	250
Potassium	148000		211	250
Thallium	14.9		0.94	1.0

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	010SMPL.D
Dilution:	50			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1825			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Copper	20700		46.8	50.0
Lead	41600		13.9	15.0
Zinc	36600		177	200
Aluminum	1060000		467	500
Calcium	3680000		2370	2500
Iron	2800000		1420	1500

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Prep Method:	7470A	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	5.0			Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1651			Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	20.4		0.80	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11
Client Matrix: Water

Date Sampled: 06/18/2014 0000
Date Received: 06/19/2014 1230

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	011SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1830			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	11.3		4.6	5.0
Arsenic	278		2.3	2.5
Barium	6010		4.5	5.0
Beryllium	34.7		0.88	1.0
Cadmium	12.1		2.0	2.5
Cobalt	392		4.5	5.0
Chromium	1100		4.6	5.0
Copper	3890		4.7	5.0
Manganese	23800		9.1	10.0
Nickel	1860		4.7	5.0
Lead	11300		1.4	1.5
Antimony	3.6		2.2	2.5
Selenium	25.0		2.2	2.5
Vanadium	1100		4.4	5.0
Sodium	168000		213	250
Magnesium	295000		224	250
Potassium	103000		211	250
Calcium	473000		237	250
Iron	730000		142	150
Thallium	6.5		0.94	1.0

Analysis Method:	6020	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-231838	Lab File ID:	012SMPL.D
Dilution:	20			Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1836			Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Zinc	6420		70.8	80.0
Aluminum	467000		187	200

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Prep Method:	7470A	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	10			Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1653			Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	86.1		1.6	2.0

General Chemistry

Client Sample ID: **S-1**

Lab Sample ID: 460-78044-1 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 22.0 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.14		mg/Kg	0.071	0.13	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1421						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	22.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N
Percent Solids	78.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-2**

Lab Sample ID: 460-78044-2 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 18.9 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.068	U	mg/Kg	0.068	0.12	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1428						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N
Percent Solids	81.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-3**

Lab Sample ID: 460-78044-3 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 24.6 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.075	J	mg/Kg	0.073	0.13	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1429						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N
Percent Solids	75.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-4**

Lab Sample ID: 460-78044-4 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 19.7 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.19		mg/Kg	0.069	0.12	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1430						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N
Percent Solids	80.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-5**

Lab Sample ID: 460-78044-5 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 23.6 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.072	U	mg/Kg	0.072	0.13	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1431						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N
Percent Solids	76.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231696	Analysis Date: 06/19/2014 1430						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-6**

Lab Sample ID: 460-78044-6 Date Sampled: 06/18/2014 0000

Client Matrix: Solid % Moisture: 16.7 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.11	J	mg/Kg	0.066	0.12	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1432						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231718	Analysis Date: 06/19/2014 1528						DryWt Corrected: N
Percent Solids	83.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231718	Analysis Date: 06/19/2014 1528						DryWt Corrected: N

General Chemistry

Client Sample ID: **S-7**

Lab Sample ID: 460-78044-7 Date Sampled: 06/18/2014 0000
Client Matrix: Solid % Moisture: 10.7 Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.062	U	mg/Kg	0.062	0.11	1.0	9012B
Analysis Batch: 460-232558	Analysis Date: 06/24/2014 1432						DryWt Corrected: Y
Prep Batch: 460-232505	Prep Date: 06/24/2014 0700						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231718	Analysis Date: 06/19/2014 1528						DryWt Corrected: N
Percent Solids	89.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-231718	Analysis Date: 06/19/2014 1528						DryWt Corrected: N

General Chemistry

Client Sample ID: **TWP-1**

Lab Sample ID: 460-78044-8 Date Sampled: 06/18/2014 0000

Client Matrix: Water Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.0040	U	mg/L	0.0040	0.010	1.0	335.4

Analysis Batch: 460-232558 Analysis Date: 06/24/2014 1500

Prep Batch: 460-232529 Prep Date: 06/24/2014 1130

General Chemistry

Client Sample ID: **TWP-4**

Lab Sample ID: 460-78044-9 Date Sampled: 06/18/2014 0000

Client Matrix: Water Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.0092	J	mg/L	0.0040	0.010	1.0	335.4

Analysis Batch: 460-232558 Analysis Date: 06/24/2014 1504

Prep Batch: 460-232529 Prep Date: 06/24/2014 1130

General Chemistry

Client Sample ID: **TWP-5**

Lab Sample ID: 460-78044-10 Date Sampled: 06/18/2014 0000

Client Matrix: Water Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.023		mg/L	0.0040	0.010	1.0	335.4

Analysis Batch: 460-232558 Analysis Date: 06/24/2014 1505

Prep Batch: 460-232529 Prep Date: 06/24/2014 1130

General Chemistry

Client Sample ID: **TWP-7**

Lab Sample ID: 460-78044-11 Date Sampled: 06/18/2014 0000

Client Matrix: Water Date Received: 06/19/2014 1230

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.0089	J	mg/L	0.0040	0.010	1.0	335.4

Analysis Batch: 460-232558 Analysis Date: 06/24/2014 1506

Prep Batch: 460-232529 Prep Date: 06/24/2014 1130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-78044-1	S-1	97	91	91	82
460-78044-2	S-2	101	95	90	87
460-78044-4	S-4	100	94	88	83
460-78044-5	S-5	33X	87	91	90
460-78044-6	S-6	100	93	92	82
460-78044-7	S-7	99	92	89	86
MB 460-232119/6		101	102	94	93
LB3 460-231714/1-A		95	88	89	85
LCS 460-232119/3		88	86	89	88
LCSD 460-232119/4		88	89	90	88

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-78044-3	S-3	77	78	75	82
MB 460-232468/7		98	96	94	102
LCS 460-232468/4		102	96	97	106
LCSD 460-232468/5		102	98	97	103

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-78044-8	TWP-1	99	94	96	103
460-78044-9	TWP-4	93	88	89	90
460-78044-10	TWP-5	93	94	96	92
460-78044-11	TWP-7	103	99	100	105
MB 460-232261/7		89	89	90	91
MB 460-232427/6		107	112	110	100
LCS 460-232261/4		87	89	92	89
LCS 460-232427/3		97	94	102	98
460-77918-C-6 MS		102	96	106	105
460-77788-B-1 MS		97	93	99	99
460-77918-C-6 MSD		101	97	101	105
460-77788-B-1 MSD		96	92	100	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	64-135

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8260C SIM Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec
460-78044-8	TWP-1	109	100
460-78044-9	TWP-4	107	102
460-78044-10	TWP-5	108	98
460-78044-11	TWP-7	99	95
MB 460-231807/8		103	100
LCS 460-231807/4		102	97
LCSD 460-231807/5		106	98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
BFB = 4-Bromofluorobenzene	26-150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-78044-1	S-1	75	78	84	92	86	65
460-78044-2	S-2	78	79	83	92	82	86
460-78044-3	S-3	79	81	82	88	87	68
460-78044-4 DL	S-4 DL	0D	0D	0D	0D	0D	0D
460-78044-5	S-5	79	84	90	99	87	67
460-78044-6	S-6	77	79	84	92	78	93
460-78044-7	S-7	78	82	86	91	86	66
MB 460-231764/1-A		87	87	95	98	94	119
LCS 460-231764/2-A		73	75	84	87	81	63
LCS 460-231764/3-A		93	95	101	102	102	132
460-77914-E-3-A MS		80	82	91	98	93	102
460-77914-E-3-B MSD		83	85	92	99	93	105

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-78044-8	TWP-1	43	31	72	62	63	55X
460-78044-9	TWP-4	46	35	69	59	70	57X
460-78044-10	TWP-5	47	34	71	62	67	56X
460-78044-11	TWP-7	48	36	72	61	75	62X
MB 460-231898/1-A		49	33	95	80	86	81
LCS 460-231898/2-A		47	29	85	78	82	70X
LCS 460-231898/4-A		39	25	74	62	73	61X
LCSD 460-231898/3-A		42	27	77	70	88	66X
LCSD 460-231898/5-A		39	26	74	62	69	65X

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-78044-1	S-1	87	84	78	81
460-78044-2	S-2	82	77	77	78
460-78044-3	S-3	82	79	61X	79
460-78044-4	S-4	85	84	85	105
460-78044-5	S-5	87	76	84	87
460-78044-6	S-6	85	75	78	89
460-78044-7	S-7	91	86	84	91
MB 460-231796/1-A		78	73	77	80
LCS 460-231796/2-A		84	78	78	80
460-78073-E-5-C MS		96	86	88	91
460-78073-E-5-D MSD		95	87	89	95

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	72-136
DCB = DCB Decachlorobiphenyl	76-149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-78044-8	TWP-1	63	68	48	66
460-78044-9	TWP-4	82	83	51	50
460-78044-10	TWP-5	78	77	49	61
460-78044-11	TWP-7	68	84	27p	94
MB 460-231851/1-A		97	100	63	65
LCS 460-231851/2-A		99	84	35	42
LCSD 460-231851/3-A		99	83	33	41

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-147
DCB = DCB Decachlorobiphenyl	26-150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-78044-1	S-1	87	84
460-78044-2	S-2	95	89
460-78044-3	S-3	81	92
460-78044-4	S-4	101	113
460-78044-5	S-5	97	94
460-78044-6	S-6	102	99
460-78044-7	S-7	92	87
MB 460-231790/1-A		111	99
LCS 460-231790/2-A		115	96
460-77236-A-1-B MS		109	95
460-77236-A-1-C MSD		118	103

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	53-150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-78044-8 RA	TWP-1 RA	64	65
460-78044-9	TWP-4	52	57
460-78044-10	TWP-5	57	57
460-78044-11 RA	TWP-7 RA	78	89
MB 460-231852/1-A		66	66
MB 460-231852/1-A RA		67	69
LCS 460-231852/2-A		99	103
LCS 460-231852/2-A RA		100	101
LCSD 460-231852/3-A		93	90
LCSD 460-231852/3-A RA		95	99

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	13-150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-231714

Method: 8260C
Preparation: 5035

Lab Sample ID:	LB3 460-231714/1-A	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	460-231714	Lab File ID:	K28520.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/22/2014 1024	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1519				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.252	J	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Acetone	6.68		1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	5.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
m&p-Xylene	0.59	U	0.59	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
o-Xylene	0.19	U	0.19	1.0
Cyclohexane	0.13	U	0.13	1.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Benzene	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	5.0
Bromoform	0.17	U	0.17	1.0
Trichloroethene	0.12	U	0.12	1.0
Isopropylbenzene	0.11	U	0.11	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
2-Hexanone	0.13	U	0.13	5.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Dibromochloromethane	0.10	U	0.10	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-231714

Method: 8260C
Preparation: 5035

Lab Sample ID:	LB3 460-231714/1-A	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	460-231714	Lab File ID:	K28520.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/22/2014 1024	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	06/19/2014 1519				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,4-Dioxane	13	U	13	20
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Bromochloromethane	0.11	U	0.11	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	70 - 130
Toluene-d8 (Surr)	89	70 - 130
Bromofluorobenzene	85	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

Method Blank TICs- Batch: 460-231714

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232119

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-232119/6	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28516.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0845	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
Acetone	7.64		1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	5.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
m&p-Xylene	0.59	U	0.59	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
o-Xylene	0.19	U	0.19	1.0
Cyclohexane	0.13	U	0.13	1.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Benzene	0.15	U	0.15	1.0
Methyl acetate	0.32	U	0.32	5.0
Bromoform	0.17	U	0.17	1.0
Trichloroethene	0.12	U	0.12	1.0
Isopropylbenzene	0.11	U	0.11	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
2-Hexanone	0.13	U	0.13	5.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Styrene	0.28	U	0.28	1.0
Tetrachloroethene	0.12	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Dibromochloromethane	0.10	U	0.10	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232119

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-232119/6	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28516.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0845	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,4-Dioxane	13	U	13	20
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Bromochloromethane	0.11	U	0.11	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 130
Toluene-d8 (Surr)	94	70 - 130
Bromofluorobenzene	93	70 - 130
Dibromofluoromethane (Surr)	101	70 - 130

Method Blank TICs- Batch: 460-232119

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-232119

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232119/3	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0714	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-232119/4	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0738	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	80	84	48 - 144	5	30		
Bromomethane	79	81	62 - 150	3	30		
Vinyl chloride	83	87	62 - 132	5	30		
Chloroethane	85	84	60 - 140	0	30		
Methylene Chloride	96	95	75 - 124	2	30		
Trichlorofluoromethane	82	84	63 - 147	2	30		
Acetone	83	75	58 - 139	11	30		
Carbon disulfide	94	89	73 - 127	6	30		
1,1-Dichloroethene	93	89	74 - 128	4	30		
1,1-Dichloroethane	96	93	78 - 125	3	30		
cis-1,2-Dichloroethene	95	92	82 - 121	3	30		
trans-1,2-Dichloroethene	96	94	83 - 124	2	30		
Chloroform	93	93	77 - 122	0	30		
1,2-Dichloroethane	96	95	79 - 120	1	30		
2-Butanone	90	84	58 - 140	7	30		
1,1,1-Trichloroethane	94	92	82 - 129	2	30		
m&p-Xylene	94	92	79 - 120	2	30		
Carbon tetrachloride	95	91	77 - 137	4	30		
o-Xylene	96	96	77 - 120	0	30		
Cyclohexane	100	97	66 - 128	3	30		
MTBE	104	104	75 - 124	0	30		
Freon TF	92	89	73 - 134	4	30		
Benzene	97	96	75 - 123	1	30		
Methyl acetate	110	117	61 - 137	7	30		
Bromoform	93	97	70 - 130	4	30		
Trichloroethene	92	90	78 - 122	1	30		
Isopropylbenzene	100	98	80 - 120	1	30		
trans-1,3-Dichloropropene	95	94	74 - 119	1	30		
2-Hexanone	107	116	52 - 134	8	30		
4-Methyl-2-pentanone	112	119	55 - 133	7	30		
cis-1,3-Dichloropropene	96	94	75 - 119	2	30		
Toluene	94	93	82 - 117	2	30		
Chlorobenzene	93	91	80 - 120	2	30		
Ethylbenzene	92	91	80 - 120	2	30		
1,2-Dichloropropane	92	90	72 - 123	2	30		
Methylcyclohexane	98	95	80 - 125	3	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-232119

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232119/3	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0714	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-232119/4	Analysis Batch:	460-232119	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K28514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2014 0738	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	96	95	78 - 120	1	30		
Tetrachloroethene	91	91	80 - 127	0	30		
1,2-Dibromo-3-Chloropropane	116	121	61 - 125	4	30		
1,1,2,2-Tetrachloroethane	103	106	66 - 121	4	30		
1,3-Dichlorobenzene	96	95	78 - 120	1	30		
1,1,2-Trichloroethane	94	96	74 - 116	3	30		
1,4-Dichlorobenzene	94	92	77 - 120	3	30		
1,2-Dichlorobenzene	97	95	77 - 120	2	30		
Dibromochloromethane	94	94	74 - 124	0	30		
1,2,4-Trichlorobenzene	97	95	81 - 127	2	30		
Dichlorodifluoromethane	79	79	52 - 145	1	30		
Bromodichloromethane	92	90	77 - 122	2	30		
1,2-Dibromoethane	95	95	78 - 117	0	30		
1,4-Dioxane	100	98	69 - 142	2	30		
1,2,3-Trichlorobenzene	97	96	81 - 123	1	30		
Bromochloromethane	93	93	82 - 127	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	89	70 - 130
Toluene-d8 (Surr)	89	90	70 - 130
Bromofluorobenzene	88	88	70 - 130
Dibromofluoromethane (Surr)	88	88	70 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-232119

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232119/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-232119/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/22/2014 0714			Analysis Date:	06/22/2014 0738
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.9	16.7
Bromomethane	20.0	20.0	15.7	16.2
Vinyl chloride	20.0	20.0	16.7	17.5
Chloroethane	20.0	20.0	17.0	16.9
Methylene Chloride	20.0	20.0	19.2	18.9
Trichlorofluoromethane	20.0	20.0	16.4	16.7
Acetone	100	100	83.4	74.9
Carbon disulfide	20.0	20.0	18.9	17.7
1,1-Dichloroethene	20.0	20.0	18.5	17.8
1,1-Dichloroethane	20.0	20.0	19.2	18.7
cis-1,2-Dichloroethene	20.0	20.0	18.9	18.3
trans-1,2-Dichloroethene	20.0	20.0	19.2	18.9
Chloroform	20.0	20.0	18.7	18.6
1,2-Dichloroethane	20.0	20.0	19.2	18.9
2-Butanone	100	100	89.5	83.7
1,1,1-Trichloroethane	20.0	20.0	18.7	18.4
m&p-Xylene	20.0	20.0	18.9	18.4
Carbon tetrachloride	20.0	20.0	18.9	18.2
o-Xylene	20.0	20.0	19.2	19.1
Cyclohexane	20.0	20.0	20.1	19.4
MTBE	20.0	20.0	20.7	20.7
Freon TF	20.0	20.0	18.4	17.7
Benzene	20.0	20.0	19.4	19.3
Methyl acetate	100	100	110	117
Bromoform	20.0	20.0	18.6	19.4
Trichloroethene	20.0	20.0	18.3	18.1
Isopropylbenzene	20.0	20.0	19.9	19.6
trans-1,3-Dichloropropene	20.0	20.0	18.9	18.8
2-Hexanone	100	100	107	116
4-Methyl-2-pentanone	100	100	112	119
cis-1,3-Dichloropropene	20.0	20.0	19.2	18.8
Toluene	20.0	20.0	18.8	18.6
Chlorobenzene	20.0	20.0	18.6	18.3
Ethylbenzene	20.0	20.0	18.5	18.1
1,2-Dichloropropane	20.0	20.0	18.4	18.0
Methylcyclohexane	20.0	20.0	19.6	19.1
Styrene	20.0	20.0	19.1	19.0
Tetrachloroethene	20.0	20.0	18.3	18.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	23.2	24.2

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-232119

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232119/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-232119/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/22/2014 0714			Analysis Date:	06/22/2014 0738
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1,2,2-Tetrachloroethane	20.0	20.0	20.5	21.3
1,3-Dichlorobenzene	20.0	20.0	19.2	18.9
1,1,2-Trichloroethane	20.0	20.0	18.7	19.3
1,4-Dichlorobenzene	20.0	20.0	18.8	18.3
1,2-Dichlorobenzene	20.0	20.0	19.4	19.1
Dibromochloromethane	20.0	20.0	18.9	18.9
1,2,4-Trichlorobenzene	20.0	20.0	19.3	19.0
Dichlorodifluoromethane	20.0	20.0	15.7	15.9
Bromodichloromethane	20.0	20.0	18.4	18.1
1,2-Dibromoethane	20.0	20.0	19.0	18.9
1,4-Dioxane	400	400	400	391
1,2,3-Trichlorobenzene	20.0	20.0	19.3	19.1
Bromochloromethane	20.0	20.0	18.6	18.5

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232261

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-232261/7	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05243.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 0953	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0953				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Benzene	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	5.0
Bromoform	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Isopropylbenzene	0.080	U	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
2-Hexanone	0.50	U	0.50	5.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Toluene	0.15	U	0.15	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.10	U	0.10	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Xylenes, Total	0.13	U	0.13	2.0
Methylcyclohexane	0.14	U	0.14	1.0
Styrene	0.12	U	0.12	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232261

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-232261/7	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05243.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 0953	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0953				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.12	U	0.12	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 130
Toluene-d8 (Surr)	90	70 - 130
Bromofluorobenzene	91	64 - 135
Dibromofluoromethane (Surr)	89	72 - 137

Method Blank TICs- Batch: 460-232261

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-232261

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-232261/4	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05240.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 0839	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0839				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	17.9	89	43 - 145	
Bromomethane	20.0	16.4	82	27 - 150	
Vinyl chloride	20.0	16.6	83	56 - 137	
Chloroethane	20.0	16.1	81	58 - 145	
Methylene Chloride	20.0	16.0	80	76 - 123	
Trichlorofluoromethane	20.0	15.6	78	65 - 142	
Acetone	100	85.4	85	26 - 150	
Carbon disulfide	20.0	15.1	75	61 - 126	
1,1-Dichloroethene	20.0	15.3	77	71 - 123	
1,1-Dichloroethane	20.0	17.7	88	75 - 126	
cis-1,2-Dichloroethene	20.0	16.3	81	78 - 121	
trans-1,2-Dichloroethene	20.0	16.7	84	79 - 120	
Chloroform	20.0	16.2	81	81 - 122	
1,2-Dichloroethane	20.0	17.0	85	75 - 127	
2-Butanone	100	91.0	91	52 - 140	
1,1,1-Trichloroethane	20.0	15.9	80	73 - 134	
Carbon tetrachloride	20.0	16.1	81	58 - 150	
Cyclohexane	20.0	18.7	93	62 - 135	
MTBE	20.0	16.6	83	73 - 125	
Freon TF	20.0	16.3	82	60 - 144	
Benzene	20.0	17.4	87	69 - 125	
Methyl acetate	100	85.9	86	62 - 140	
Bromoform	20.0	16.5	83	50 - 134	
Trichloroethene	20.0	17.9	90	74 - 120	
Isopropylbenzene	20.0	17.8	89	74 - 127	
trans-1,3-Dichloropropene	20.0	18.6	93	71 - 123	
2-Hexanone	100	105	105	49 - 131	
4-Methyl-2-pentanone	100	106	106	56 - 132	
cis-1,3-Dichloropropene	20.0	18.0	90	71 - 120	
Toluene	20.0	17.2	86	78 - 120	
Chlorobenzene	20.0	16.7	83	77 - 120	
Ethylbenzene	20.0	16.6	83	74 - 120	
1,2-Dichloropropane	20.0	17.0	85	70 - 120	
Xylenes, Total	40.0	33.9	85	73 - 122	
Methylcyclohexane	20.0	19.0	95	64 - 136	
Styrene	20.0	16.4	82	76 - 120	
Tetrachloroethene	20.0	17.0	85	70 - 136	
1,3-Dichlorobenzene	20.0	17.7	89	75 - 120	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	55 - 133	
1,1,2-Trichloroethane	20.0	17.4	87	68 - 121	
1,4-Dichlorobenzene	20.0	17.6	88	75 - 120	
1,2-Dichlorobenzene	20.0	16.8	84	81 - 120	
Dibromochloromethane	20.0	16.5	82	63 - 131	
1,2,4-Trichlorobenzene	20.0	18.5	93	76 - 129	
Dichlorodifluoromethane	20.0	15.7	78	40 - 150	
Bromodichloromethane	20.0	16.7	83	72 - 123	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-232261

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-232261/4	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05240.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 0839	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0839				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	20.3	102	72 - 135	
Bromochloromethane	20.0	16.5	82	70 - 134	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	89	64 - 135
Dibromofluoromethane (Surr)	87	72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232261

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77918-C-6 MS	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05253.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1349			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1349				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77918-C-6 MSD	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05254.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1410			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1410				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	99	99	43 - 145	0	30		
Bromomethane	99	97	27 - 150	2	30		
Vinyl chloride	98	94	56 - 137	4	30		
Chloroethane	94	94	58 - 145	0	30		
Methylene Chloride	96	92	76 - 123	4	30		
Trichlorofluoromethane	99	95	65 - 142	4	30		
Acetone	84	82	26 - 150	2	30		
Carbon disulfide	83	88	61 - 126	5	30		
1,1-Dichloroethene	95	92	71 - 123	2	30		
1,1-Dichloroethane	99	99	75 - 126	0	30		
cis-1,2-Dichloroethene	98	95	78 - 121	3	30		
trans-1,2-Dichloroethene	99	96	79 - 120	3	30		
Chloroform	98	97	81 - 122	0	30		
1,2-Dichloroethane	97	94	75 - 127	3	30		
2-Butanone	98	101	52 - 140	3	30		
1,1,1-Trichloroethane	97	95	73 - 134	2	30		
Carbon tetrachloride	98	96	58 - 150	2	30		
Cyclohexane	105	101	62 - 135	5	30		
MTBE	92	88	73 - 125	4	30		
Freon TF	103	101	60 - 144	1	30		
Benzene	101	97	69 - 125	5	30		
Methyl acetate	95	88	62 - 140	8	30		
Bromoform	69	70	50 - 134	2	30		
Trichloroethene	99	97	74 - 120	3	30		
Isopropylbenzene	108	101	74 - 127	7	30		
trans-1,3-Dichloropropene	103	97	71 - 123	6	30		
2-Hexanone	99	96	49 - 131	3	30		
4-Methyl-2-pentanone	106	100	56 - 132	6	30		
cis-1,3-Dichloropropene	100	96	71 - 120	4	30		
Toluene	101	96	78 - 120	5	30		
Chlorobenzene	104	96	77 - 120	8	30		
Ethylbenzene	100	97	74 - 120	2	30		
1,2-Dichloropropane	101	95	70 - 120	7	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232261

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77918-C-6 MS	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05253.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1349			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1349				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77918-C-6 MSD	Analysis Batch:	460-232261	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A05254.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2014 1410			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 1410				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylcyclohexane	111	109	64 - 136	2	30		
Xylenes, Total	102	95	73 - 122	6	30		
Styrene	95	91	76 - 120	4	30		
Tetrachloroethene	106	99	70 - 136	7	30		
1,1,2,2-Tetrachloroethane	109	104	55 - 133	5	30		
1,3-Dichlorobenzene	105	102	75 - 120	2	30		
1,1,2-Trichloroethane	102	97	68 - 121	5	30		
1,4-Dichlorobenzene	102	101	75 - 120	2	30		
1,2-Dichlorobenzene	102	99	81 - 120	3	30		
Dibromochloromethane	81	79	63 - 131	2	30		
1,2,4-Trichlorobenzene	101	107	76 - 129	6	30		
Dichlorodifluoromethane	98	93	40 - 150	5	30		
Bromodichloromethane	88	90	72 - 123	2	30		
1,2,3-Trichlorobenzene	103	112	72 - 135	8	30		
Bromochloromethane	100	98	70 - 134	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	97	70 - 130
Toluene-d8 (Surr)	106	101	70 - 130
Bromofluorobenzene	105	105	64 - 135
Dibromofluoromethane (Surr)	102	101	72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232261

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77918-C-6 MS	Units:	ug/L	MSD Lab Sample ID:	460-77918-C-6 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	06/23/2014 1349			Analysis Date:	06/23/2014 1410
Prep Date:	06/23/2014 1349			Prep Date:	06/23/2014 1410
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	0.10	U	200	200	197	197
Bromomethane	0.18	U	200	200	198	194
Vinyl chloride	0.14	U	200	200	197	188
Chloroethane	0.17	U	200	200	188	188
Methylene Chloride	0.18	U	200	200	192	184
Trichlorofluoromethane	0.15	U	200	200	198	190
Acetone	2.7	U	1000	1000	836	823
Carbon disulfide	0.13	U	200	200	166	175
1,1-Dichloroethene	0.090	U	200	200	189	185
1,1-Dichloroethane	0.13	U	200	200	198	198
cis-1,2-Dichloroethene	0.18	U	200	200	196	191
trans-1,2-Dichloroethene	0.13	U	200	200	198	192
Chloroform	0.080	U	200	200	195	195
1,2-Dichloroethane	0.19	U	200	200	194	188
2-Butanone	2.3	U	1000	1000	985	1010
1,1,1-Trichloroethane	0.060	U	200	200	194	191
Carbon tetrachloride	0.060	U	200	200	195	192
Cyclohexane	0.16	U	200	200	211	201
MTBE	0.14	U	200	200	183	176
Freon TF	0.080	U	200	200	206	203
Benzene	0.080	U	200	200	202	193
Methyl acetate	0.34	U	1000	1000	948	877
Bromoform	0.19	U	200	200	137	140
Trichloroethene	0.090	U	200	200	198	193
Isopropylbenzene	0.080	U	200	200	217	202
trans-1,3-Dichloropropene	0.24	U	200	200	205	193
2-Hexanone	0.50	U	1000	1000	990	956
4-Methyl-2-pentanone	0.99	U	1000	1000	1060	996
cis-1,3-Dichloropropene	0.18	U	200	200	200	191
Toluene	0.15	U	200	200	202	192
Chlorobenzene	0.11	U	200	200	209	192
Ethylbenzene	0.10	U	200	200	199	195
1,2-Dichloropropane	0.090	U	200	200	202	189
Methylcyclohexane	0.14	U	200	200	222	218
Xylenes, Total	0.13	U	400	400	407	382
Styrene	0.12	U	200	200	191	183
Tetrachloroethene	0.10	U	200	200	211	197
1,1,2,2-Tetrachloroethane	0.16	U	200	200	219	208
1,3-Dichlorobenzene	0.14	U	200	200	209	204
1,1,2-Trichloroethane	0.19	U	200	200	205	194
1,4-Dichlorobenzene	0.23	U	200	200	205	201
1,2-Dichlorobenzene	0.21	U	200	200	204	197
Dibromochloromethane	0.20	U	200	200	162	158

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232261

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77918-C-6 MS	Units:	ug/L	MSD Lab Sample ID:	460-77918-C-6 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	06/23/2014 1349			Analysis Date:	06/23/2014 1410
Prep Date:	06/23/2014 1349			Prep Date:	06/23/2014 1410
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2,4-Trichlorobenzene	0.34	U	200	200	202	213
Dichlorodifluoromethane	0.22	U	200	200	195	186
Bromodichloromethane	0.12	U	200	200	177	181
1,2,3-Trichlorobenzene	0.51	U	200	200	206	224
Bromochloromethane	0.27	U	200	200	199	196

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232427

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-232427/6	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69905.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 0654	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0654				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chloroform	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
2-Butanone	2.3	U	2.3	5.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Cyclohexane	0.16	U	0.16	1.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Benzene	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	5.0
Bromoform	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Isopropylbenzene	0.080	U	0.080	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
2-Hexanone	0.50	U	0.50	5.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
Toluene	0.15	U	0.15	1.0
Chlorobenzene	0.11	U	0.11	1.0
Ethylbenzene	0.10	U	0.10	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Xylenes, Total	0.13	U	0.13	2.0
Methylcyclohexane	0.14	U	0.14	1.0
Styrene	0.12	U	0.12	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232427

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-232427/6	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69905.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 0654	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0654				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromodichloromethane	0.12	U	0.12	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
Bromochloromethane	0.27	U	0.27	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 130
Toluene-d8 (Surr)	110	70 - 130
Bromofluorobenzene	100	64 - 135
Dibromofluoromethane (Surr)	107	72 - 137

Method Blank TICs- Batch: 460-232427

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-232427

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-232427/3	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69902.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 0545	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0545				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	19.0	95	43 - 145	
Bromomethane	20.0	18.2	91	27 - 150	
Vinyl chloride	20.0	19.9	99	56 - 137	
Chloroethane	20.0	20.5	103	58 - 145	
Methylene Chloride	20.0	19.8	99	76 - 123	
Trichlorofluoromethane	20.0	18.0	90	65 - 142	
Acetone	100	99.6	100	26 - 150	
Carbon disulfide	20.0	19.0	95	61 - 126	
1,1-Dichloroethene	20.0	19.1	95	71 - 123	
1,1-Dichloroethane	20.0	18.7	93	75 - 126	
cis-1,2-Dichloroethene	20.0	20.1	101	78 - 121	
trans-1,2-Dichloroethene	20.0	18.7	94	79 - 120	
Chloroform	20.0	19.2	96	81 - 122	
1,2-Dichloroethane	20.0	19.3	97	75 - 127	
2-Butanone	100	92.1	92	52 - 140	
1,1,1-Trichloroethane	20.0	18.5	92	73 - 134	
Carbon tetrachloride	20.0	17.7	89	58 - 150	
Cyclohexane	20.0	19.1	96	62 - 135	
MTBE	20.0	21.5	107	73 - 125	
Freon TF	20.0	18.5	93	60 - 144	
Benzene	20.0	20.7	104	69 - 125	
Methyl acetate	100	109	109	62 - 140	
Bromoform	20.0	19.5	97	50 - 134	
Trichloroethene	20.0	19.3	96	74 - 120	
Isopropylbenzene	20.0	21.3	107	74 - 127	
trans-1,3-Dichloropropene	20.0	18.4	92	71 - 123	
2-Hexanone	100	113	113	49 - 131	
4-Methyl-2-pentanone	100	111	111	56 - 132	
cis-1,3-Dichloropropene	20.0	20.2	101	71 - 120	
Toluene	20.0	20.0	100	78 - 120	
Chlorobenzene	20.0	19.6	98	77 - 120	
Ethylbenzene	20.0	20.1	101	74 - 120	
1,2-Dichloropropane	20.0	18.1	90	70 - 120	
Xylenes, Total	40.0	41.3	103	73 - 122	
Methylcyclohexane	20.0	19.6	98	64 - 136	
Styrene	20.0	21.1	106	76 - 120	
Tetrachloroethene	20.0	20.0	100	70 - 136	
1,3-Dichlorobenzene	20.0	20.8	104	75 - 120	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	55 - 133	
1,1,2-Trichloroethane	20.0	21.3	106	68 - 121	
1,4-Dichlorobenzene	20.0	19.7	99	75 - 120	
1,2-Dichlorobenzene	20.0	20.9	104	81 - 120	
Dibromochloromethane	20.0	19.9	100	63 - 131	
1,2,4-Trichlorobenzene	20.0	20.3	101	76 - 129	
Dichlorodifluoromethane	20.0	17.3	87	40 - 150	
Bromodichloromethane	20.0	18.0	90	72 - 123	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-232427

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-232427/3	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69902.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 0545	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0545				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	22.5	112	72 - 135	
Bromochloromethane	20.0	20.7	104	70 - 134	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 130
Toluene-d8 (Surr)	102	70 - 130
Bromofluorobenzene	98	64 - 135
Dibromofluoromethane (Surr)	97	72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232427

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77788-B-1 MS	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69915.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1200			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1200				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77788-B-1 MSD	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69916.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1223			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1223				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	88	96	43 - 145	9	30		
Bromomethane	103	109	27 - 150	6	30		
Vinyl chloride	92	102	56 - 137	10	30		
Chloroethane	88	94	58 - 145	7	30		
Methylene Chloride	93	96	76 - 123	4	30		
Trichlorofluoromethane	88	93	65 - 142	6	30		
Acetone	84	86	26 - 150	3	30		
Carbon disulfide	77	81	61 - 126	5	30		
1,1-Dichloroethene	88	92	71 - 123	5	30		
1,1-Dichloroethane	91	94	75 - 126	4	30		
cis-1,2-Dichloroethene	99	103	78 - 121	5	30		
trans-1,2-Dichloroethene	94	98	79 - 120	3	30		
Chloroform	91	94	81 - 122	3	30		
1,2-Dichloroethane	91	94	75 - 127	3	30		
2-Butanone	96	96	52 - 140	0	30		
1,1,1-Trichloroethane	86	90	73 - 134	5	30		
Carbon tetrachloride	83	86	58 - 150	3	30		
Cyclohexane	89	94	62 - 135	5	30		
MTBE	100	106	73 - 125	6	30		
Freon TF	85	88	60 - 144	4	30		
Benzene	96	101	69 - 125	6	30		
Methyl acetate	93	95	62 - 140	2	30		
Bromoform	90	92	50 - 134	2	30		
Trichloroethene	93	95	74 - 120	2	30		
Isopropylbenzene	102	106	74 - 127	4	30		
trans-1,3-Dichloropropene	90	93	71 - 123	2	30		
2-Hexanone	101	103	49 - 131	3	30		
4-Methyl-2-pentanone	101	105	56 - 132	4	30		
cis-1,3-Dichloropropene	91	91	71 - 120	0	30		
Toluene	96	100	78 - 120	4	30		
Chlorobenzene	95	99	77 - 120	4	30		
Ethylbenzene	98	101	74 - 120	4	30		
1,2-Dichloropropane	89	91	70 - 120	2	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232427

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77788-B-1 MS	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69915.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1200			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1200				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77788-B-1 MSD	Analysis Batch:	460-232427	Instrument ID:	CVOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	B69916.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1223			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 1223				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylcyclohexane	93	96	64 - 136	4	30		
Xylenes, Total	100	105	73 - 122	5	30		
Styrene	100	103	76 - 120	3	30		
Tetrachloroethene	98	99	70 - 136	2	30		
1,1,2,2-Tetrachloroethane	106	110	55 - 133	4	30		
1,3-Dichlorobenzene	99	101	75 - 120	2	30		
1,1,2-Trichloroethane	103	103	68 - 121	1	30		
1,4-Dichlorobenzene	95	98	75 - 120	3	30		
1,2-Dichlorobenzene	99	102	81 - 120	3	30		
Dibromochloromethane	95	97	63 - 131	2	30		
1,2,4-Trichlorobenzene	90	98	76 - 129	8	30		
Dichlorodifluoromethane	83	93	40 - 150	11	30		
Bromodichloromethane	85	87	72 - 123	2	30		
1,2,3-Trichlorobenzene	86	105	72 - 135	20	30		
Bromochloromethane	103	105	70 - 134	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	92	70 - 130
Toluene-d8 (Surr)	99	100	70 - 130
Bromofluorobenzene	99	100	64 - 135
Dibromofluoromethane (Surr)	97	96	72 - 137

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232427

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77788-B-1 MS	Units:	ug/L	MSD Lab Sample ID:	460-77788-B-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	06/24/2014 1200			Analysis Date:	06/24/2014 1223
Prep Date:	06/24/2014 1200			Prep Date:	06/24/2014 1223
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	0.10	U	200	200	176	192
Bromomethane	0.18	U	200	200	207	218
Vinyl chloride	0.14	U	200	200	184	203
Chloroethane	0.17	U	200	200	176	188
Methylene Chloride	0.18	U	200	200	185	192
Trichlorofluoromethane	0.15	U	200	200	175	185
Acetone	2.7	U	1000	1000	837	858
Carbon disulfide	0.13	U	200	200	153	162
1,1-Dichloroethene	0.090	U	200	200	175	184
1,1-Dichloroethane	0.13	U	200	200	182	189
cis-1,2-Dichloroethene	0.18	U	200	200	197	207
trans-1,2-Dichloroethene	0.13	U	200	200	188	195
Chloroform	0.62	J	200	200	182	188
1,2-Dichloroethane	0.19	U	200	200	183	188
2-Butanone	2.3	U	1000	1000	964	964
1,1,1-Trichloroethane	0.060	U	200	200	171	180
Carbon tetrachloride	0.060	U	200	200	167	171
Cyclohexane	0.16	U	200	200	179	188
MTBE	0.14	U	200	200	200	213
Freon TF	0.080	U	200	200	170	177
Benzene	0.080	U	200	200	191	202
Methyl acetate	0.34	U	1000	1000	928	949
Bromoform	0.19	U	200	200	180	184
Trichloroethene	0.090	U	200	200	187	190
Isopropylbenzene	0.080	U	200	200	204	212
trans-1,3-Dichloropropene	0.24	U	200	200	181	185
2-Hexanone	0.50	U	1000	1000	1010	1030
4-Methyl-2-pentanone	0.99	U	1000	1000	1010	1050
cis-1,3-Dichloropropene	0.18	U	200	200	182	182
Toluene	0.15	U	200	200	193	200
Chlorobenzene	0.11	U	200	200	190	198
Ethylbenzene	0.10	U	200	200	195	203
1,2-Dichloropropane	0.090	U	200	200	178	181
Methylcyclohexane	0.14	U	200	200	185	192
Xylenes, Total	0.13	U	400	400	400	419
Styrene	0.12	U	200	200	201	207
Tetrachloroethene	0.10	U	200	200	196	199
1,1,2,2-Tetrachloroethane	0.16	U	200	200	213	221
1,3-Dichlorobenzene	0.14	U	200	200	197	201
1,1,2-Trichloroethane	0.19	U	200	200	207	205
1,4-Dichlorobenzene	0.23	U	200	200	190	196
1,2-Dichlorobenzene	0.21	U	200	200	198	204
Dibromochloromethane	0.20	U	200	200	190	194

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232427

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-77788-B-1 MS	Units:	ug/L	MSD Lab Sample ID:	460-77788-B-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	06/24/2014 1200			Analysis Date:	06/24/2014 1223
Prep Date:	06/24/2014 1200			Prep Date:	06/24/2014 1223
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2,4-Trichlorobenzene	0.34	U	200	200	181	196
Dichlorodifluoromethane	0.22	U	200	200	167	186
Bromodichloromethane	0.12	U	200	200	170	173
1,2,3-Trichlorobenzene	0.51	U	200	200	173	211
Bromochloromethane	0.27	U	200	200	205	209

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232468

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-232468/7	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14660.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1332	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Trichlorofluoromethane	7.3	U	7.3	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
Chloroform	3.9	U	3.9	50
1,2-Dichloroethane	9.5	U	9.5	50
2-Butanone	120	U	120	250
1,1,1-Trichloroethane	3.1	U	3.1	50
m&p-Xylene	12	U	12	50
Carbon tetrachloride	2.9	U	2.9	50
o-Xylene	6.5	U	6.5	50
Cyclohexane	7.9	U	7.9	50
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Benzene	4.1	U	4.1	50
Methyl acetate	17	U	17	250
Bromoform	9.6	U	9.6	50
Trichloroethene	4.6	U	4.6	50
Isopropylbenzene	3.8	U	3.8	50
trans-1,3-Dichloropropene	12	U	12	50
2-Hexanone	25	U	25	250
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
Toluene	7.5	U	7.5	50
Chlorobenzene	5.5	U	5.5	50
Ethylbenzene	4.8	U	4.8	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Styrene	5.9	U	5.9	50
Tetrachloroethene	4.9	U	4.9	50
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50
1,1,2-Trichloroethane	9.4	U	9.4	50
1,4-Dichlorobenzene	12	U	12	50
1,2-Dichlorobenzene	10	U	10	50
Dibromochloromethane	10	U	10	50

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232468

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-232468/7	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14660.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1332	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	17	U	17	50
Dichlorodifluoromethane	11	U	11	50
Bromodichloromethane	6.3	U	6.3	50
1,2-Dibromoethane	14	U	14	50
1,4-Dioxane	1800	U	1800	1300
1,2,3-Trichlorobenzene	26	U	26	50
Bromochloromethane	14	U	14	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	75 - 135
Toluene-d8 (Surr)	94	59 - 150
Bromofluorobenzene	102	72 - 133
Dibromofluoromethane (Surr)	98	70 - 130

Method Blank TICs- Batch: 460-232468

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-232468

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232468/4	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14657.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1217	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-232468/5	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14658.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1242	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	97	92	50 - 144	6	30		
Bromomethane	121	112	10 - 150	7	30		
Vinyl chloride	100	92	59 - 140	8	30		
Chloroethane	158	141	53 - 150	12	30	*	
Methylene Chloride	91	92	72 - 126	1	30		
Trichlorofluoromethane	112	104	52 - 146	7	30		
Acetone	135	129	46 - 150	4	30		
Carbon disulfide	90	88	60 - 132	2	30		
1,1-Dichloroethene	95	93	66 - 135	2	30		
1,1-Dichloroethane	94	91	78 - 125	3	30		
cis-1,2-Dichloroethene	92	91	81 - 122	1	30		
trans-1,2-Dichloroethene	94	93	76 - 125	2	30		
Chloroform	97	96	80 - 120	1	30		
1,2-Dichloroethane	94	95	77 - 121	1	30		
2-Butanone	127	125	69 - 138	2	30		
1,1,1-Trichloroethane	92	92	75 - 125	0	30		
m&p-Xylene	90	87	80 - 120	3	30		
Carbon tetrachloride	86	87	63 - 131	1	30		
o-Xylene	91	91	80 - 120	1	30		
Cyclohexane	88	87	58 - 142	1	30		
MTBE	90	88	68 - 128	2	30		
Freon TF	107	107	51 - 145	0	30		
Benzene	100	97	74 - 126	3	30		
Methyl acetate	97	98	60 - 139	1	30		
Bromoform	93	97	49 - 131	4	30		
Trichloroethene	95	93	79 - 120	2	30		
Isopropylbenzene	94	89	78 - 129	5	30		
trans-1,3-Dichloropropene	84	84	70 - 125	1	30		
2-Hexanone	126	122	54 - 145	3	30		
4-Methyl-2-pentanone	98	95	58 - 140	2	30		
cis-1,3-Dichloropropene	88	87	76 - 124	1	30		
Toluene	99	95	79 - 121	4	30		
Chlorobenzene	97	94	80 - 120	4	30		
Ethylbenzene	93	88	80 - 120	6	30		
1,2-Dichloropropane	88	88	75 - 126	0	30		
Methylcyclohexane	83	82	54 - 150	1	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-232468

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232468/4	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14657.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1217	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-232468/5	Analysis Batch:	460-232468	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J14658.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2014 1242	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	93	88	80 - 120	6	30		
Tetrachloroethene	106	103	78 - 125	3	30		
1,2-Dibromo-3-Chloropropane	92	84	57 - 128	9	30		
1,1,2,2-Tetrachloroethane	95	93	69 - 128	3	30		
1,3-Dichlorobenzene	100	97	80 - 120	3	30		
1,1,2-Trichloroethane	95	91	76 - 120	4	30		
1,4-Dichlorobenzene	100	98	80 - 120	1	30		
1,2-Dichlorobenzene	103	101	80 - 120	2	30		
Dibromochloromethane	98	99	63 - 124	1	30		
1,2,4-Trichlorobenzene	108	105	67 - 135	3	30		
Dichlorodifluoromethane	87	83	37 - 143	5	30		
Bromodichloromethane	92	90	75 - 119	2	30		
1,2-Dibromoethane	95	95	80 - 120	1	30		
1,4-Dioxane	179	182	50 - 150	2	30	*	*
1,2,3-Trichlorobenzene	110	107	60 - 144	3	30		
Bromochloromethane	101	97	82 - 122	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	98	75 - 135
Toluene-d8 (Surr)	97	97	59 - 150
Bromofluorobenzene	106	103	72 - 133
Dibromofluoromethane (Surr)	102	102	70 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-232468

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232468/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-232468/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	06/24/2014 1217			Analysis Date:	06/24/2014 1242
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
Chloromethane	1000	1000	974		921
Bromomethane	1000	1000	1210		1120
Vinyl chloride	1000	1000	996		916
Chloroethane	1000	1000	1580	*	1410
Methylene Chloride	1000	1000	911		923
Trichlorofluoromethane	1000	1000	1120		1040
Acetone	5000	5000	6730		6460
Carbon disulfide	1000	1000	902		882
1,1-Dichloroethene	1000	1000	950		926
1,1-Dichloroethane	1000	1000	940		908
cis-1,2-Dichloroethene	1000	1000	919		908
trans-1,2-Dichloroethene	1000	1000	945		926
Chloroform	1000	1000	967		960
1,2-Dichloroethane	1000	1000	938		950
2-Butanone	5000	5000	6350		6250
1,1,1-Trichloroethane	1000	1000	924		922
m&p-Xylene	1000	1000	899		869
Carbon tetrachloride	1000	1000	864		875
o-Xylene	1000	1000	906		913
Cyclohexane	1000	1000	884		874
MTBE	1000	1000	899		882
Freon TF	1000	1000	1070		1070
Benzene	1000	1000	1000		969
Methyl acetate	5000	5000	4830		4890
Bromoform	1000	1000	929		965
Trichloroethene	1000	1000	955		932
Isopropylbenzene	1000	1000	941		893
trans-1,3-Dichloropropene	1000	1000	844		838
2-Hexanone	5000	5000	6320		6110
4-Methyl-2-pentanone	5000	5000	4880		4770
cis-1,3-Dichloropropene	1000	1000	880		867
Toluene	1000	1000	993		953
Chlorobenzene	1000	1000	972		936
Ethylbenzene	1000	1000	932		880
1,2-Dichloropropane	1000	1000	879		880
Methylcyclohexane	1000	1000	829		820
Styrene	1000	1000	930		878
Tetrachloroethene	1000	1000	1060		1030
1,2-Dibromo-3-Chloropropane	1000	1000	918		842

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-232468

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-232468/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-232468/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	06/24/2014 1217			Analysis Date:	06/24/2014 1242
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1,2,2-Tetrachloroethane	1000	1000	953	926
1,3-Dichlorobenzene	1000	1000	997	965
1,1,2-Trichloroethane	1000	1000	948	911
1,4-Dichlorobenzene	1000	1000	996	982
1,2-Dichlorobenzene	1000	1000	1030	1010
Dibromochloromethane	1000	1000	982	993
1,2,4-Trichlorobenzene	1000	1000	1080	1050
Dichlorodifluoromethane	1000	1000	870	832
Bromodichloromethane	1000	1000	916	900
1,2-Dibromoethane	1000	1000	953	947
1,4-Dioxane	20000	20000	35800 *	36500 *
1,2,3-Trichlorobenzene	1000	1000	1100	1070
Bromochloromethane	1000	1000	1010	969

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231807

Method: 8260C SIM
Preparation: 5030C

Lab Sample ID:	MB 460-231807/8	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N74792.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 0855	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dibromo-3-Chloropropane	0.018	U	0.018	0.020
1,4-Dioxane	0.58	U	0.58	2.0
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	10 - 150
4-Bromofluorobenzene	100	26 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231807

Method: 8260C SIM
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-231807/4	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N74788.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 0704	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 0704				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-231807/5	Analysis Batch:	460-231807	Instrument ID:	CVOAMS11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N74789.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2014 0730	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/20/2014 0730				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	102	93	62 - 144	10	30		
1,4-Dioxane	113	91	52 - 148	22	30		
Ethylene Dibromide	108	94	55 - 142	14	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	106	10 - 150
4-Bromofluorobenzene	97	98	26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231807

Method: 8260C SIM
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-231807/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231807/5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/20/2014 0704			Analysis Date:	06/20/2014 0730
Prep Date:	06/20/2014 0704			Prep Date:	06/20/2014 0730
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	0.500	0.500	0.512	0.465
1,4-Dioxane	20.0	20.0	22.7	18.1
Ethylene Dibromide	0.500	0.500	0.539	0.469

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231764

Method: 8270D
Preparation: 3541

Lab Sample ID:	MB 460-231764/1-A	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150867.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2014 0442	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4,5-Tetrachlorobenzene	44	U	44	330
2,2'-oxybis[1-chloropropane]	37	U	37	330
2,3,4,6-Tetrachlorophenol	43	U	43	330
2,4,5-Trichlorophenol	43	U	43	330
2,4,6-Trichlorophenol	39	U	39	330
2,4-Dichlorophenol	48	U	48	330
2,4-Dimethylphenol	81	U	81	330
2,4-Dinitrophenol	190	U	190	670
2,4-Dinitrotoluene	11	U	11	67
2,6-Dinitrotoluene	10	U	10	67
2-Chloronaphthalene	37	U	37	330
2-Chlorophenol	43	U	43	330
2-Methylnaphthalene	42	U	42	330
2-Methylphenol	56	U	56	330
2-Nitroaniline	140	U	140	330
2-Nitrophenol	37	U	37	330
3,3'-Dichlorobenzidine	120	U	120	330
3-Nitroaniline	120	U	120	330
4,6-Dinitro-2-methylphenol	90	U	90	670
4-Bromophenyl phenyl ether	33	U	33	330
4-Chloro-3-methylphenol	50	U	50	330
4-Chloroaniline	87	U	87	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Methylphenol	65	U	65	330
4-Nitroaniline	100	U	100	670
4-Nitrophenol	210	U	210	330
Acenaphthene	48	U	48	330
Acenaphthylene	39	U	39	330
Acetophenone	51	U	51	330
Anthracene	40	U	40	330
Atrazine	51	U	51	330
Benzaldehyde	39	U	39	330
Benzo[a]anthracene	2.3	U	2.3	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Bis(2-chloroethoxy)methane	43	U	43	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
Bis(2-ethylhexyl) phthalate	110	U	110	330
Butyl benzyl phthalate	30	U	30	330
Caprolactam	76	U	76	330
Carbazole	39	U	39	330
Chrysene	39	U	39	330
Dibenz(a,h)anthracene	4.2	U	4.2	33

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231764

Method: 8270D
Preparation: 3541

Lab Sample ID:	MB 460-231764/1-A	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150867.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/24/2014 0442	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Dimethyl phthalate	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Di-n-octyl phthalate	21	U	21	330
Diphenyl	44	U	44	330
Fluoranthene	44	U	44	330
Fluorene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorobutadiene	8.1	U	8.1	67
Hexachlorocyclopentadiene	39	U	39	330
Hexachloroethane	3.7	U	3.7	33
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Isophorone	40	U	40	330
Naphthalene	38	U	38	330
Nitrobenzene	4.7	U	4.7	33
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
N-Nitrosodiphenylamine	33	U	33	330
Pentachlorophenol	99	U	99	670
Phenanthrene	42	U	42	330
Phenol	44	U	44	330
Pyrene	28	U	28	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	94	19 - 114
2-Fluorobiphenyl	98	49 - 112
2-Fluorophenol	87	39 - 103
Nitrobenzene-d5	95	40 - 106
Phenol-d5	87	44 - 104
Terphenyl-d14	119	41 - 145

Method Blank TICs- Batch: 460-231764

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown	1.42	915	J
	Aldol condensation product	2.91	4220	J A

Lab Control Sample - Batch: 460-231764

Method: 8270D
Preparation: 3541

Lab Sample ID:	LCS 460-231764/3-A	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150869.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	06/24/2014 0531	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6650	6320	95	10 - 139	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	102	19 - 114
2-Fluorobiphenyl	102	49 - 112
2-Fluorophenol	93	39 - 103
Nitrobenzene-d5	101	40 - 106
Phenol-d5	95	44 - 104
Terphenyl-d14	132	41 - 145

Lab Control Sample - Batch: 460-231764

Method: 8270D
Preparation: 3541

Lab Sample ID:	LCS 460-231764/2-A	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150882.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2014 1049	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4,5-Tetrachlorobenzene	3330	2790	84	45 - 95	
2,2'-oxybis[1-chloropropane]	3330	2640	79	31 - 101	
2,3,4,6-Tetrachlorophenol	3330	2730	82	49 - 104	
2,4,5-Trichlorophenol	3330	2770	83	49 - 96	
2,4,6-Trichlorophenol	3330	2780	83	49 - 96	
2,4-Dichlorophenol	3330	2690	81	50 - 100	
2,4-Dimethylphenol	3330	2740	82	46 - 95	
2,4-Dinitrophenol	6670	1130	17	10 - 139	
2,4-Dinitrotoluene	3330	2890	87	49 - 102	
2,6-Dinitrotoluene	3330	2940	88	52 - 104	
2-Chloronaphthalene	3330	2800	84	49 - 93	
2-Chlorophenol	3330	2500	75	49 - 96	
2-Methylnaphthalene	3330	2690	81	52 - 100	
2-Methylphenol	3330	2580	77	47 - 99	
2-Nitroaniline	3330	2970	89	35 - 92	
2-Nitrophenol	3330	2770	83	51 - 98	
3,3'-Dichlorobenzidine	3330	2880	86	9 - 89	
3-Nitroaniline	3330	2630	79	19 - 90	
4,6-Dinitro-2-methylphenol	6670	2110	32	14 - 128	
4-Bromophenyl phenyl ether	3330	2930	88	50 - 103	
4-Chloro-3-methylphenol	3330	2760	83	50 - 102	
4-Chloroaniline	3330	1870	56	10 - 86	
4-Chlorophenyl phenyl ether	3330	2840	85	49 - 95	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-231764

Method: 8270D
Preparation: 3541

Lab Sample ID:	LCS 460-231764/2-A	Analysis Batch:	460-232407	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150882.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/24/2014 1049	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Methylphenol	3330	2560	77	43 - 100	
4-Nitroaniline	3330	2830	85	33 - 102	
4-Nitrophenol	6670	6370	96	34 - 112	
Acenaphthene	3330	2750	82	48 - 99	
Acenaphthylene	3330	2910	87	49 - 97	
Acetophenone	3330	2360	71	10 - 126	
Anthracene	3330	2800	84	51 - 97	
Atrazine	3330	2190	66	10 - 147	
Benzo[a]anthracene	3330	2800	84	51 - 97	
Benzo[a]pyrene	3330	3200	96	59 - 116	
Benzo[b]fluoranthene	3330	3570	107	55 - 115	
Benzo[g,h,i]perylene	3330	1490	45	46 - 120	*
Benzo[k]fluoranthene	3330	3640	109	53 - 113	
Bis(2-chloroethoxy)methane	3330	2790	84	48 - 95	
Bis(2-chloroethyl)ether	3330	2640	79	45 - 92	
Bis(2-ethylhexyl) phthalate	3330	2320	70	47 - 102	
Butyl benzyl phthalate	3330	2240	67	47 - 107	
Caprolactam	3330	2980	89	10 - 120	
Carbazole	3330	2900	87	50 - 102	
Chrysene	3330	2840	85	50 - 94	
Dibenz(a,h)anthracene	3330	1710	51	48 - 115	
Dibenzofuran	3330	2770	83	50 - 96	
Diethyl phthalate	3330	3000	90	46 - 100	
Dimethyl phthalate	3330	3020	91	51 - 99	
Di-n-butyl phthalate	3330	3040	91	50 - 99	
Di-n-octyl phthalate	3330	3730	112	43 - 120	
Diphenyl	3330	2850	86	10 - 134	
Fluoranthene	3330	3100	93	45 - 101	
Fluorene	3330	2760	83	50 - 95	
Hexachlorobenzene	3330	2860	86	50 - 104	
Hexachlorobutadiene	3330	2790	84	49 - 97	
Hexachlorocyclopentadiene	3330	2460	74	43 - 115	
Hexachloroethane	3330	2510	75	47 - 88	
Indeno[1,2,3-cd]pyrene	3330	1620	49	47 - 124	
Isophorone	3330	2780	83	51 - 100	
Naphthalene	3330	2690	81	48 - 92	
Nitrobenzene	3330	2880	86	33 - 72	*
N-Nitrosodi-n-propylamine	3330	2780	83	49 - 99	
N-Nitrosodiphenylamine	3330	3050	91	51 - 103	
Pentachlorophenol	6670	5460	82	37 - 99	
Phenanthrene	3330	2830	85	51 - 97	
Phenol	3330	2500	75	46 - 97	
Pyrene	3330	2060	62	39 - 119	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	81	19 - 114

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	87	49 - 112
2-Fluorophenol	73	39 - 103
Nitrobenzene-d5	84	40 - 106
Phenol-d5	75	44 - 104
Terphenyl-d14	63	41 - 145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231764

Method: 8270D
Preparation: 3541

MS Lab Sample ID:	460-77914-E-3-A MS	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150915.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0225			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77914-E-3-B MSD	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0250			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4,5-Tetrachlorobenzene	96	97	45 - 95	1	30		
2,2'-oxybis[1-chloropropane]	85	89	31 - 101	4	30		
2,3,4,6-Tetrachlorophenol	82	78	49 - 104	4	30		
2,4,5-Trichlorophenol	93	90	49 - 96	3	30		
2,4,6-Trichlorophenol	93	94	49 - 96	1	30		
2,4-Dichlorophenol	91	91	50 - 100	0	30		
2,4-Dimethylphenol	91	91	46 - 95	1	30		
2,4-Dinitrophenol	29	26	10 - 139	12	30		
2,4-Dinitrotoluene	98	98	49 - 102	0	30		
2,6-Dinitrotoluene	99	99	52 - 104	1	30		
2-Chloronaphthalene	94	95	49 - 93	1	30		
2-Chlorophenol	83	86	49 - 96	3	30		
2-Methylnaphthalene	92	92	52 - 100	0	30		
2-Methylphenol	85	88	47 - 99	4	30		
2-Nitroaniline	94	96	35 - 92	2	30		
2-Nitrophenol	92	93	51 - 98	2	30		
3,3'-Dichlorobenzidine	93	93	9 - 89	0	30		
3-Nitroaniline	87	86	19 - 90	2	30		
4,6-Dinitro-2-methylphenol	56	52	14 - 128	7	30		
4-Bromophenyl phenyl ether	104	103	50 - 103	0	30		
4-Chloro-3-methylphenol	92	92	50 - 102	1	30		
4-Chloroaniline	59	59	10 - 86	1	30		
4-Chlorophenyl phenyl ether	98	96	49 - 95	2	30		
4-Methylphenol	86	88	43 - 100	3	30		
4-Nitroaniline	93	92	33 - 102	1	30		
4-Nitrophenol	89	87	34 - 112	2	30		
Acenaphthene	93	93	48 - 99	0	30		
Acenaphthylene	96	97	49 - 97	0	30		
Acetophenone	79	81	10 - 126	2	30		
Anthracene	94	93	51 - 97	1	30		
Atrazine	75	76	10 - 147	1	30		
Benzaldehyde	82	84	10 - 139	3	30		
Benzo[a]anthracene	93	94	51 - 97	1	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231764

Method: 8270D
Preparation: 3541

MS Lab Sample ID:	460-77914-E-3-A MS	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150915.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0225			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77914-E-3-B MSD	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0250			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[a]pyrene	102	104	59 - 116	2	30		
Benzo[b]fluoranthene	89	91	55 - 115	2	30		
Benzo[g,h,i]perylene	104	100	46 - 120	4	30		
Benzo[k]fluoranthene	88	90	53 - 113	2	30		
Bis(2-chloroethoxy)methane	91	93	48 - 95	2	30		
Bis(2-chloroethyl)ether	85	88	45 - 92	4	30		
Bis(2-ethylhexyl) phthalate	97	97	47 - 102	0	30		
Butyl benzyl phthalate	95	98	47 - 107	3	30		
Caprolactam	93	91	10 - 120	3	30		
Carbazole	91	90	50 - 102	2	30		
Chrysene	96	97	50 - 94	1	30		
Dibenz(a,h)anthracene	112	109	48 - 115	3	30		
Dibenzofuran	95	93	50 - 96	1	30		
Diethyl phthalate	99	99	46 - 100	0	30		
Dimethyl phthalate	99	99	51 - 99	0	30		
Di-n-butyl phthalate	99	98	50 - 99	0	30		
Di-n-octyl phthalate	67	68	43 - 120	1	30		
Diphenyl	95	96	10 - 134	0	30		
Fluoranthene	90	87	45 - 101	3	30		
Fluorene	94	94	50 - 95	0	30		
Hexachlorobenzene	104	102	50 - 104	1	30		
Hexachlorobutadiene	97	96	49 - 97	1	30		
Hexachlorocyclopentadiene	88	89	43 - 115	1	30		
Hexachloroethane	85	85	47 - 88	0	30		
Indeno[1,2,3-cd]pyrene	110	107	47 - 124	3	30		
Isophorone	91	91	51 - 100	0	30		
Naphthalene	90	91	48 - 92	1	30		
Nitrobenzene	92	93	33 - 72	1	30		
N-Nitrosodi-n-propylamine	92	95	49 - 99	3	30		
N-Nitrosodiphenylamine	103	103	51 - 103	0	30		
Pentachlorophenol	59	56	37 - 99	7	30		
Phenanthrene	96	95	51 - 97	1	30		
Phenol	81	85	46 - 97	5	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231764

Method: 8270D
Preparation: 3541

MS Lab Sample ID:	460-77914-E-3-A MS	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150915.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0225			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-77914-E-3-B MSD	Analysis Batch:	460-232560	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-231764	Lab File ID:	L1150916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	06/25/2014 0250			Final Weight/Volume:	1 mL
Prep Date:	06/19/2014 2028			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Pyrene	96	98	39 - 119	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	93	93	19 - 114
2-Fluorobiphenyl	98	99	49 - 112
2-Fluorophenol	80	83	39 - 103
Nitrobenzene-d5	91	92	40 - 106
Phenol-d5	82	85	44 - 104
Terphenyl-d14	102	105	41 - 145

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231764

Method: 8270D
Preparation: 3541

MS Lab Sample ID:	460-77914-E-3-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-77914-E-3-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/25/2014 0225			Analysis Date:	06/25/2014 0250
Prep Date:	06/19/2014 2028			Prep Date:	06/19/2014 2028
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2,4,5-Tetrachlorobenzene	47	U	3520	3520	3380	3420
2,2'-oxybis[1-chloropropane]	39	U	3520	3520	3010	3130
2,3,4,6-Tetrachlorophenol	45	U	3520	3520	2870	2750
2,4,5-Trichlorophenol	45	U	3520	3520	3280	3190
2,4,6-Trichlorophenol	41	U	3520	3520	3260	3310
2,4-Dichlorophenol	51	U	3520	3520	3210	3220
2,4-Dimethylphenol	86	U	3520	3520	3210	3190
2,4-Dinitrophenol	200	U	7040	7040	2040	1810
2,4-Dinitrotoluene	12	U	3520	3520	3470	3460
2,6-Dinitrotoluene	11	U	3520	3520	3470	3490
2-Chloronaphthalene	39	U	3520	3520	3300	3340
2-Chlorophenol	46	U	3520	3520	2930	3010
2-Methylnaphthalene	45	U	3520	3520	3240	3260
2-Methylphenol	60	U	3520	3520	2990	3100
2-Nitroaniline	150	U	3520	3520	3330	3380
2-Nitrophenol	39	U	3520	3520	3240	3290
3,3'-Dichlorobenzidine	120	U	3520	3520	3280	3280
3-Nitroaniline	120	U	3520	3520	3070	3020
4,6-Dinitro-2-methylphenol	95	U	7040	7040	3940	3670
4-Bromophenyl phenyl ether	35	U	3520	3520	3650	3640
4-Chloro-3-methylphenol	53	U	3520	3520	3240	3220
4-Chloroaniline	93	U	3520	3520	2100	2070
4-Chlorophenyl phenyl ether	41	U	3520	3520	3460	3390
4-Methylphenol	69	U	3520	3520	3020	3100
4-Nitroaniline	110	U	3520	3520	3270	3250
4-Nitrophenol	230	U	7040	7040	6270	6130
Acenaphthene	51	U	3520	3520	3260	3270
Acenaphthylene	41	U	3520	3520	3390	3400
Acetophenone	54	U	3520	3520	2790	2850
Anthracene	42	U	3520	3520	3320	3290
Atrazine	54	U	3520	3520	2630	2670
Benzaldehyde	41	U	7040	7040	5750	5950
Benzo[a]anthracene	2.4	U	3520	3520	3280	3320
Benzo[a]pyrene	31	J	3520	3520	3630	3680
Benzo[b]fluoranthene	44		3520	3520	3190	3250
Benzo[g,h,i]perylene	26	U	3520	3520	3660	3510
Benzo[k]fluoranthene	20	J	3520	3520	3140	3180
Bis(2-chloroethoxy)methane	45	U	3520	3520	3210	3270
Bis(2-chloroethyl)ether	4.8	U	3520	3520	3000	3120
Bis(2-ethylhexyl) phthalate	120	U	3520	3520	3410	3420
Butyl benzyl phthalate	32	U	3520	3520	3350	3460
Caprolactam	81	U	3520	3520	3290	3210
Carbazole	41	U	3520	3520	3210	3150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231764

Method: 8270D
Preparation: 3541

MS Lab Sample ID:	460-77914-E-3-A MS	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	06/25/2014 0225		
Prep Date:	06/19/2014 2028		
Leach Date:	N/A		

MSD Lab Sample ID:	460-77914-E-3-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	06/25/2014 0250
Prep Date:	06/19/2014 2028
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chrysene	41	U	3520	3520	3390	3420
Dibenz(a,h)anthracene	4.4	U	3520	3520	3950	3830
Dibenzofuran	41	U	3520	3520	3340	3290
Diethyl phthalate	42	U	3520	3520	3500	3500
Dimethyl phthalate	41	U	3520	3520	3490	3500
Di-n-butyl phthalate	43	U	3520	3520	3470	3460
Di-n-octyl phthalate	22	U	3520	3520	2350	2380
Diphenyl	47	U	3520	3520	3360	3370
Fluoranthene	47	U	3520	3520	3170	3060
Fluorene	45	U	3520	3520	3310	3320
Hexachlorobenzene	4.8	U	3520	3520	3650	3600
Hexachlorobutadiene	8.5	U	3520	3520	3420	3380
Hexachlorocyclopentadiene	41	U	3520	3520	3110	3120
Hexachloroethane	3.9	U	3520	3520	3010	3010
Indeno[1,2,3-cd]pyrene	21	J	3520	3520	3900	3800
Isophorone	42	U	3520	3520	3200	3190
Naphthalene	40	U	3520	3520	3170	3190
Nitrobenzene	5.0	U	3520	3520	3250	3280
N-Nitrosodi-n-propylamine	5.8	U	3520	3520	3230	3330
N-Nitrosodiphenylamine	34	U	3520	3520	3620	3640
Pentachlorophenol	100	U	7040	7040	4180	3920
Phenanthrene	44	U	3520	3520	3390	3340
Phenol	47	U	3520	3520	2850	2990
Pyrene	38	J	3520	3520	3420	3500

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231898

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-231898/1-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1051	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	10
2,2'-oxybis[1-chloropropane]	1.3	U	1.3	10
2,3,4,6-Tetrachlorophenol	0.89	U	0.89	10
2,4,5-Trichlorophenol	2.2	U	2.2	10
2,4,6-Trichlorophenol	1.4	U	1.4	10
2,4-Dichlorophenol	1.1	U	1.1	10
2,4-Dimethylphenol	1.2	U	1.2	10
2,4-Dinitrophenol	2.0	U	2.0	30
2,4-Dinitrotoluene	0.28	U	0.28	2.0
2,6-Dinitrotoluene	0.27	U	0.27	2.0
2-Chloronaphthalene	1.3	U	1.3	10
2-Chlorophenol	0.93	U	0.93	10
2-Methylnaphthalene	1.5	U	1.5	10
2-Methylphenol	1.4	U	1.4	10
2-Nitroaniline	2.0	U	2.0	20
2-Nitrophenol	0.68	U	0.68	10
3,3'-Dichlorobenzidine	3.2	U	3.2	20
3-Nitroaniline	2.9	U	2.9	20
4,6-Dinitro-2-methylphenol	3.0	U	3.0	30
4-Bromophenyl phenyl ether	1.1	U	1.1	10
4-Chloro-3-methylphenol	1.1	U	1.1	10
4-Chloroaniline	0.32	U	0.32	1.0
4-Chlorophenyl phenyl ether	1.5	U	1.5	10
4-Methylphenol	1.0	U	1.0	10
4-Nitroaniline	2.9	U	2.9	20
4-Nitrophenol	2.0	U	2.0	30
Acenaphthene	1.1	U	1.1	10
Acenaphthylene	1.8	U	1.8	10
Acetophenone	0.89	U	0.89	10
Anthracene	0.85	U	0.85	10
Atrazine	1.0	U	1.0	10
Benzaldehyde	2.1	U	2.1	10
Benzo[a]anthracene	0.18	U	0.18	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[b]fluoranthene	0.21	U	0.21	1.0
Benzo[g,h,i]perylene	0.93	U	0.93	10
Benzo[k]fluoranthene	0.14	U	0.14	1.0
Bis(2-chloroethoxy)methane	1.0	U	1.0	10
Bis(2-chloroethyl)ether	0.30	U	0.30	1.0
Bis(2-ethylhexyl) phthalate	0.81	U	0.81	10
Butyl benzyl phthalate	1.4	U	1.4	10
Caprolactam	0.91	U	0.91	10
Carbazole	1.2	U	1.2	10
Chrysene	1.4	U	1.4	10
Dibenz(a,h)anthracene	0.16	U	0.16	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231898

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-231898/1-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1051	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dibenzofuran	1.5	U	1.5	10
Diethyl phthalate	1.4	U	1.4	10
Dimethyl phthalate	1.1	U	1.1	10
Di-n-butyl phthalate	1.0	U	1.0	10
Di-n-octyl phthalate	0.88	U	0.88	10
Diphenyl	1.8	U	1.8	10
Fluoranthene	1.1	U	1.1	10
Fluorene	1.7	U	1.7	10
Hexachlorobenzene	0.20	U	0.20	1.0
Hexachlorobutadiene	0.68	U	0.68	2.0
Hexachlorocyclopentadiene	1.5	U	1.5	10
Hexachloroethane	0.15	U	0.15	1.0
Indeno[1,2,3-cd]pyrene	0.11	U	0.11	1.0
Isophorone	1.3	U	1.3	10
Naphthalene	2.0	U	2.0	10
Nitrobenzene	0.34	U	0.34	1.0
N-Nitrosodi-n-propylamine	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	1.0	U	1.0	10
Pentachlorophenol	2.7	U	2.7	30
Phenanthrene	1.2	U	1.2	10
Phenol	0.60	U	0.60	10
Pyrene	1.1	U	1.1	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	86	51 - 126
2-Fluorobiphenyl	80	50 - 120
2-Fluorophenol	49	15 - 96
Nitrobenzene-d5	95	60 - 114
Phenol-d5	33	4 - 86
Terphenyl-d14	81	72 - 130

Method Blank TICs- Batch: 460-231898

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/4-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 0915	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-231898/5-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 0939	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	81	81	52 - 150	0	30		

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits
2,4,6-Tribromophenol	73		69		51 - 126
2-Fluorobiphenyl	62		62		50 - 120
2-Fluorophenol	39		39		15 - 96
Nitrobenzene-d5	74		74		60 - 114
Phenol-d5	25		26		4 - 86
Terphenyl-d14	61	X	65	X	72 - 130

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/2-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1114	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-231898/3-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06036.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1424	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2,4,5-Tetrachlorobenzene	79	69	70 - 130	13	30		*
2,2'-oxybis[1-chloropropane]	96	86	68 - 107	11	30		
2,3,4,6-Tetrachlorophenol	87	90	70 - 130	3	30		
2,4,5-Trichlorophenol	86	82	67 - 114	4	30		
2,4,6-Trichlorophenol	83	77	67 - 111	9	30		
2,4-Dichlorophenol	85	79	64 - 107	7	30		
2,4-Dimethylphenol	82	75	55 - 100	9	30		
2,4-Dinitrophenol	97	108	19 - 113	11	30		
2,4-Dinitrotoluene	95	103	65 - 113	8	30		
2,6-Dinitrotoluene	91	93	68 - 114	2	30		
2-Chloronaphthalene	80	72	65 - 107	11	30		
2-Chlorophenol	76	69	53 - 101	10	30		
2-Methylnaphthalene	79	75	66 - 102	5	30		
2-Methylphenol	63	57	40 - 90	10	30		
2-Nitroaniline	94	92	73 - 116	2	30		
2-Nitrophenol	90	82	65 - 107	10	30		
3,3'-Dichlorobenzidine	85	74	69 - 129	14	30		
3-Nitroaniline	92	97	59 - 108	5	30		
4,6-Dinitro-2-methylphenol	94	93	58 - 115	1	30		
4-Bromophenyl phenyl ether	83	75	66 - 110	11	30		
4-Chloro-3-methylphenol	80	78	57 - 106	2	30		
4-Chloroaniline	87	80	58 - 105	9	30		
4-Chlorophenyl phenyl ether	84	85	68 - 105	1	30		
4-Methylphenol	58	53	30 - 75	9	30		
4-Nitroaniline	114	126	49 - 119	11	30		*
4-Nitrophenol	46	51	10 - 44	10	30	*	*
Acenaphthene	82	78	66 - 108	6	30		
Acenaphthylene	87	81	67 - 107	6	30		
Acetophenone	86	78	68 - 109	9	30		
Anthracene	90	83	68 - 108	8	30		
Atrazine	105	102	56 - 116	3	30		
Benzo[a]anthracene	92	86	65 - 106	6	30		
Benzo[a]pyrene	96	88	58 - 101	8	30		
Benzo[b]fluoranthene	98	87	65 - 111	12	30		
Benzo[g,h,i]perylene	95	92	65 - 134	3	30		
Benzo[k]fluoranthene	92	88	66 - 114	4	30		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/2-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1114	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-231898/3-A	Analysis Batch:	460-232192	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	C06036.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/23/2014 1424	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Bis(2-chloroethoxy)methane	92	85	69 - 108	9	30		
Bis(2-chloroethyl)ether	79	71	62 - 108	11	30		
Bis(2-ethylhexyl) phthalate	108	101	66 - 114	7	30		
Butyl benzyl phthalate	100	96	66 - 115	4	30		
Caprolactam	31	35	10 - 30	11	30	*	*
Carbazole	100	94	67 - 110	6	30		
Chrysene	95	88	68 - 112	8	30		
Dibenz(a,h)anthracene	98	94	67 - 124	5	30		
Dibenzofuran	84	81	68 - 105	4	30		
Diethyl phthalate	92	99	66 - 109	7	30		
Dimethyl phthalate	91	92	69 - 111	1	30		
Di-n-butyl phthalate	115	108	68 - 111	6	30	*	
Di-n-octyl phthalate	97	89	51 - 115	8	30		
Diphenyl	83	75	66 - 112	9	30		
Fluoranthene	105	98	68 - 108	8	30		
Fluorene	85	85	68 - 105	0	30		
Hexachlorobenzene	84	76	65 - 107	10	30		
Hexachlorobutadiene	67	63	52 - 99	6	30		
Hexachlorocyclopentadiene	83	71	40 - 105	16	30		
Hexachloroethane	68	62	50 - 99	8	30		
Indeno[1,2,3-cd]pyrene	90	88	68 - 121	3	30		
Isophorone	91	85	68 - 108	7	30		
Naphthalene	81	76	63 - 101	6	30		
Nitrobenzene	93	83	66 - 106	11	30		
N-Nitrosodi-n-propylamine	86	79	70 - 109	8	30		
N-Nitrosodiphenylamine	86	78	71 - 121	9	30		
Pentachlorophenol	67	73	55 - 116	8	30		
Phenanthrene	87	81	68 - 110	7	30		
Phenol	36	33	12 - 44	10	30		
Pyrene	78	73	61 - 110	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	82	88	51 - 126
2-Fluorobiphenyl	78	70	50 - 120
2-Fluorophenol	47	42	15 - 96
Nitrobenzene-d5	85	77	60 - 114

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits
Phenol-d5	29		27		4 - 86
Terphenyl-d14	70	X	66	X	72 - 130

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/4-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231898/5-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 0915			Analysis Date:	06/23/2014 0939
Prep Date:	06/20/2014 1306			Prep Date:	06/20/2014 1306
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzaldehyde	160	160	129	129

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231898/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 1114			Analysis Date:	06/23/2014 1424
Prep Date:	06/20/2014 1306			Prep Date:	06/20/2014 1306
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4,5-Tetrachlorobenzene	80.0	80.0	63.1	55.2 *
2,2'-oxybis[1-chloropropane]	80.0	80.0	77.1	68.9
2,3,4,6-Tetrachlorophenol	80.0	80.0	69.6	71.8
2,4,5-Trichlorophenol	80.0	80.0	68.5	65.7
2,4,6-Trichlorophenol	80.0	80.0	66.8	61.3
2,4-Dichlorophenol	80.0	80.0	67.9	63.3
2,4-Dimethylphenol	80.0	80.0	65.6	59.8
2,4-Dinitrophenol	160	160	155	173
2,4-Dinitrotoluene	80.0	80.0	76.2	82.4
2,6-Dinitrotoluene	80.0	80.0	72.6	74.2
2-Chloronaphthalene	80.0	80.0	64.1	57.4
2-Chlorophenol	80.0	80.0	60.8	55.0
2-Methylnaphthalene	80.0	80.0	63.0	59.8
2-Methylphenol	80.0	80.0	50.1	45.5
2-Nitroaniline	80.0	80.0	75.1	73.6
2-Nitrophenol	80.0	80.0	72.3	65.7
3,3'-Dichlorobenzidine	80.0	80.0	68.0	58.9
3-Nitroaniline	80.0	80.0	73.6	77.2
4,6-Dinitro-2-methylphenol	160	160	151	150
4-Bromophenyl phenyl ether	80.0	80.0	66.6	59.9
4-Chloro-3-methylphenol	80.0	80.0	64.1	62.5
4-Chloroaniline	80.0	80.0	70.0	64.0
4-Chlorophenyl phenyl ether	80.0	80.0	67.9	67.9

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231898/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 1114			Analysis Date:	06/23/2014 1424
Prep Date:	06/20/2014 1306			Prep Date:	06/20/2014 1306
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
4-Methylphenol	80.0	80.0	46.1		42.0	
4-Nitroaniline	80.0	80.0	91.0		101	*
4-Nitrophenol	160	160	73.6	*	81.1	*
Acenaphthene	80.0	80.0	65.8		62.2	
Acenaphthylene	80.0	80.0	69.4		65.1	
Acetophenone	80.0	80.0	68.6		62.4	
Anthracene	80.0	80.0	72.0		66.2	
Atrazine	80.0	80.0	83.9		81.4	
Benzo[a]anthracene	80.0	80.0	73.5		68.9	
Benzo[a]pyrene	80.0	80.0	76.7		70.7	
Benzo[b]fluoranthene	80.0	80.0	78.6		69.6	
Benzo[g,h,i]perylene	80.0	80.0	75.8		73.2	
Benzo[k]fluoranthene	80.0	80.0	73.7		70.6	
Bis(2-chloroethoxy)methane	80.0	80.0	73.8		67.7	
Bis(2-chloroethyl)ether	80.0	80.0	62.8		56.4	
Bis(2-ethylhexyl) phthalate	80.0	80.0	86.1		80.6	
Butyl benzyl phthalate	80.0	80.0	80.3		77.0	
Caprolactam	80.0	80.0	25.0	*	27.9	*
Carbazole	80.0	80.0	80.2		75.5	
Chrysene	80.0	80.0	76.2		70.0	
Dibenz(a,h)anthracene	80.0	80.0	78.8		75.3	
Dibenzofuran	80.0	80.0	67.3		64.5	
Diethyl phthalate	80.0	80.0	73.4		78.9	
Dimethyl phthalate	80.0	80.0	72.5		73.2	
Di-n-butyl phthalate	80.0	80.0	91.9	*	86.4	
Di-n-octyl phthalate	80.0	80.0	77.6		71.4	
Diphenyl	80.0	80.0	66.2		60.2	
Fluoranthene	80.0	80.0	84.4		78.1	
Fluorene	80.0	80.0	68.0		68.0	
Hexachlorobenzene	80.0	80.0	67.3		61.2	
Hexachlorobutadiene	80.0	80.0	53.4		50.0	
Hexachlorocyclopentadiene	80.0	80.0	66.2		56.6	
Hexachloroethane	80.0	80.0	54.2		49.8	
Indeno[1,2,3-cd]pyrene	80.0	80.0	72.3		70.3	
Isophorone	80.0	80.0	73.1		67.9	
Naphthalene	80.0	80.0	64.8		61.0	
Nitrobenzene	80.0	80.0	74.0		66.6	
N-Nitrosodi-n-propylamine	80.0	80.0	69.0		63.5	
N-Nitrosodiphenylamine	80.0	80.0	68.5		62.5	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231898

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231898/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231898/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 1114			Analysis Date:	06/23/2014 1424
Prep Date:	06/20/2014 1306			Prep Date:	06/20/2014 1306
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Pentachlorophenol	160	160	107	117
Phenanthrene	80.0	80.0	69.5	64.9
Phenol	80.0	80.0	29.0	26.1
Pyrene	80.0	80.0	62.2	58.1

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231898

Method: 8270D SIM
Preparation: 3510C

Lab Sample ID:	MB 460-231898/1-A	Analysis Batch:	460-232519	Instrument ID:	CBNAMS4
Client Matrix:	Water	Prep Batch:	460-231898	Lab File ID:	U97046.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	06/24/2014 1412	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/20/2014 1306			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.035	U	0.035	0.050
Benzo[a]pyrene	0.048	U	0.048	0.050
Benzo[b]fluoranthene	0.030	U	0.030	0.050
Pentachlorophenol	0.14	U	0.14	0.20
Hexachlorobenzene	0.0065	U	0.0065	0.020

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231796

Method: 8081B
Preparation: 3546

Lab Sample ID:	MB 460-231796/1-A	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492686.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1232	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.0014	U	0.0014	0.0067
alpha-BHC	0.0015	U	0.0015	0.0067
beta-BHC	0.0016	U	0.0016	0.0067
delta-BHC	0.0012	U	0.0012	0.0067
gamma-BHC (Lindane)	0.0012	U	0.0012	0.0067
Chlordane	0.019	U	0.019	0.067
4,4'-DDD	0.0013	U	0.0013	0.0067
4,4'-DDE	0.0013	U	0.0013	0.0067
4,4'-DDT	0.0016	U	0.0016	0.0067
Dieldrin	0.0012	U	0.0012	0.0067
Endosulfan I	0.0015	U	0.0015	0.0067
Endosulfan II	0.0013	U	0.0013	0.0067
Endosulfan sulfate	0.0013	U	0.0013	0.0067
Endrin	0.0016	U	0.0016	0.0067
Endrin aldehyde	0.0010	U	0.0010	0.0067
Heptachlor	0.0016	U	0.0016	0.0067
Heptachlor epoxide	0.0015	U	0.0015	0.0067
Toxaphene	0.018	U	0.018	0.067

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	78	72 - 136
DCB Decachlorobiphenyl	80	76 - 149

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	73	72 - 136
DCB Decachlorobiphenyl	77	76 - 149

Lab Control Sample - Batch: 460-231796 **Method: 8081B**
Preparation: 3546

Lab Sample ID:	LCS 460-231796/2-A	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492687.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1244	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.133	0.117	88	53 - 126	
alpha-BHC	0.133	0.117	87	50 - 129	
beta-BHC	0.133	0.122	91	51 - 131	
delta-BHC	0.133	0.121	90	40 - 130	
gamma-BHC (Lindane)	0.133	0.123	92	52 - 129	
4,4'-DDD	0.133	0.118	89	50 - 131	
4,4'-DDE	0.133	0.119	89	49 - 130	
4,4'-DDT	0.133	0.109	81	48 - 132	
Dieldrin	0.133	0.116	87	48 - 126	
Endosulfan I	0.133	0.117	88	53 - 127	
Endosulfan II	0.133	0.115	86	52 - 127	
Endosulfan sulfate	0.133	0.110	83	52 - 124	
Endrin	0.133	0.108	81	48 - 126	
Endrin aldehyde	0.133	0.115	86	57 - 124	
Heptachlor	0.133	0.114	85	52 - 128	
Heptachlor epoxide	0.133	0.112	84	53 - 122	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	84	72 - 136
DCB Decachlorobiphenyl	80	76 - 149

Lab Control Sample - Batch: 460-231796 **Method: 8081B**
Preparation: 3546

Lab Sample ID:	LCS 460-231796/2-A	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492687.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1244	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.133	0.114	85	53 - 126	
alpha-BHC	0.133	0.116	87	50 - 129	
beta-BHC	0.133	0.111	83	51 - 131	
delta-BHC	0.133	0.117	88	40 - 130	
gamma-BHC (Lindane)	0.133	0.117	88	52 - 129	
4,4'-DDD	0.133	0.114	86	50 - 131	
4,4'-DDE	0.133	0.112	84	49 - 130	
4,4'-DDT	0.133	0.107	80	48 - 132	
Dieldrin	0.133	0.110	82	48 - 126	
Endosulfan I	0.133	0.110	82	53 - 127	
Endosulfan II	0.133	0.110	83	52 - 127	
Endosulfan sulfate	0.133	0.109	82	52 - 124	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-231796

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-231796/2-A	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492687.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1244	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.133	0.107	81	48 - 126	
Endrin aldehyde	0.133	0.110	82	57 - 124	
Heptachlor	0.133	0.108	81	52 - 128	
Heptachlor epoxide	0.133	0.103	78	53 - 122	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	78	72 - 136
DCB Decachlorobiphenyl	78	76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231796

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-78073-E-5-C MS	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492688.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/20/2014 1255			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-78073-E-5-D MSD	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492689.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/20/2014 1307			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	98	103	69 - 138	6	30		
alpha-BHC	96	102	68 - 133	6	30		
beta-BHC	100	105	67 - 137	6	30		
delta-BHC	99	106	65 - 141	6	30		
gamma-BHC (Lindane)	100	107	68 - 134	7	30		
4,4'-DDD	99	106	69 - 150	7	30		
4,4'-DDE	97	102	70 - 147	5	30		
4,4'-DDT	88	94	63 - 146	7	30		
Dieldrin	94	99	63 - 129	5	30		
Endosulfan I	95	101	69 - 140	6	30		
Endosulfan II	94	100	66 - 136	7	30		
Endosulfan sulfate	90	96	65 - 137	7	30		
Endrin	90	96	67 - 142	6	30		
Endrin aldehyde	93	99	67 - 134	7	30		
Heptachlor	93	99	67 - 136	7	30		
Heptachlor epoxide	91	97	68 - 136	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	96	95	72 - 136
DCB Decachlorobiphenyl	91	95	76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231796

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-78073-E-5-C MS	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492688.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/20/2014 1255			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-78073-E-5-D MSD	Analysis Batch:	460-231911	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-231796	Lab File ID:	VR492689.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	06/20/2014 1307			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0313			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	93	99	69 - 138	7	30		
alpha-BHC	94	98	68 - 133	4	30		
beta-BHC	89	91	67 - 137	2	30		
delta-BHC	96	98	65 - 141	3	30		
gamma-BHC (Lindane)	96	99	68 - 134	4	30		
4,4'-DDD	96	103	69 - 150	7	30		
4,4'-DDE	93	100	70 - 147	7	30		
4,4'-DDT	86	92	63 - 146	7	30		
Dieldrin	90	96	63 - 129	6	30		
Endosulfan I	90	96	69 - 140	7	30		
Endosulfan II	89	95	66 - 136	6	30		
Endosulfan sulfate	88	95	65 - 137	8	30		
Endrin	90	95	67 - 142	6	30		
Endrin aldehyde	89	95	67 - 134	7	30		
Heptachlor	87	91	67 - 136	4	30		
Heptachlor epoxide	85	90	68 - 136	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	86	87	72 - 136
DCB Decachlorobiphenyl	88	89	76 - 149

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231796

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-78073-E-5-C MS	Units:	mg/Kg	MSD Lab Sample ID:	460-78073-E-5-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/20/2014 1255			Analysis Date:	06/20/2014 1307
Prep Date:	06/20/2014 0313			Prep Date:	06/20/2014 0313
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	0.0016	U	0.149	0.150	0.146	0.155
alpha-BHC	0.0017	U	0.149	0.150	0.143	0.152
beta-BHC	0.0018	U	0.149	0.150	0.149	0.158
delta-BHC	0.0013	U	0.149	0.150	0.148	0.158
gamma-BHC (Lindane)	0.0013	U	0.149	0.150	0.150	0.160
4,4'-DDD	0.0015	U	0.149	0.150	0.148	0.158
4,4'-DDE	0.0015	U	0.149	0.150	0.145	0.153
4,4'-DDT	0.0018	U	0.149	0.150	0.131	0.141
Dieldrin	0.0013	U	0.149	0.150	0.141	0.148
Endosulfan I	0.0017	U	0.149	0.150	0.143	0.151
Endosulfan II	0.0015	U	0.149	0.150	0.141	0.150
Endosulfan sulfate	0.0015	U	0.149	0.150	0.134	0.143
Endrin	0.0018	U	0.149	0.150	0.135	0.144
Endrin aldehyde	0.0011	U	0.149	0.150	0.139	0.149
Heptachlor	0.0018	U	0.149	0.150	0.138	0.148
Heptachlor epoxide	0.0017	U	0.149	0.150	0.136	0.146

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231796

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-78073-E-5-C MS	Units:	mg/Kg	MSD Lab Sample ID:	460-78073-E-5-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/20/2014 1255			Analysis Date:	06/20/2014 1307
Prep Date:	06/20/2014 0313			Prep Date:	06/20/2014 0313
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	0.0016	U	0.149	0.150	0.139	0.149
alpha-BHC	0.0017	U	0.149	0.150	0.141	0.146
beta-BHC	0.0018	U	0.149	0.150	0.133	0.136
delta-BHC	0.0013	U	0.149	0.150	0.143	0.147
gamma-BHC (Lindane)	0.0013	U	0.149	0.150	0.143	0.148
4,4'-DDD	0.0015	U	0.149	0.150	0.144	0.154
4,4'-DDE	0.0015	U	0.149	0.150	0.139	0.149
4,4'-DDT	0.0018	U	0.149	0.150	0.129	0.138
Dieldrin	0.0013	U	0.149	0.150	0.134	0.143
Endosulfan I	0.0017	U	0.149	0.150	0.134	0.143
Endosulfan II	0.0015	U	0.149	0.150	0.133	0.142
Endosulfan sulfate	0.0015	U	0.149	0.150	0.131	0.142
Endrin	0.0018	U	0.149	0.150	0.134	0.142
Endrin aldehyde	0.0011	U	0.149	0.150	0.133	0.143
Heptachlor	0.0018	U	0.149	0.150	0.131	0.136
Heptachlor epoxide	0.0017	U	0.149	0.150	0.126	0.135

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231851

Method: 8081B
Preparation: 3510C

Lab Sample ID:	MB 460-231851/1-A	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-231851	Lab File ID:	VR492734.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/21/2014 1632	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1009			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.017	U	0.017	0.050
alpha-BHC	0.0090	U	0.0090	0.050
beta-BHC	0.013	U	0.013	0.050
delta-BHC	0.012	U	0.012	0.050
gamma-BHC (Lindane)	0.014	U	0.014	0.050
Chlordane	0.21	U	0.21	0.50
4,4'-DDD	0.019	U	0.019	0.050
4,4'-DDE	0.016	U	0.016	0.050
4,4'-DDT	0.017	U	0.017	0.050
Dieldrin	0.022	U	0.022	0.050
Endosulfan I	0.016	U	0.016	0.050
Endosulfan II	0.016	U	0.016	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.017	U	0.017	0.050
Endrin aldehyde	0.016	U	0.016	0.050
Endrin ketone	0.016	U	0.016	0.050
Heptachlor	0.014	U	0.014	0.050
Heptachlor epoxide	0.016	U	0.016	0.050
Methoxychlor	0.015	U	0.015	0.050
Toxaphene	0.34	U	0.34	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	100	50 - 147
DCB Decachlorobiphenyl	65	26 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	97	50 - 147
DCB Decachlorobiphenyl	63	26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231851

Method: 8081B
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231851/2-A	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-231851	Lab File ID:	VR492735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/21/2014 1644	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1009			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-231851/3-A	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-231851	Lab File ID:	VR492736.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/21/2014 1656	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1009			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	118	118	65 - 147	0	30		
alpha-BHC	120	119	69 - 147	1	30		
beta-BHC	131	130	65 - 142	1	30		
delta-BHC	104	103	66 - 142	1	30		
gamma-BHC (Lindane)	128	126	70 - 148	1	30		
4,4'-DDD	131	128	67 - 150	2	30		
4,4'-DDE	126	124	67 - 145	2	30		
4,4'-DDT	119	119	62 - 138	1	30		
Dieldrin	125	123	69 - 140	2	30		
Endosulfan I	127	125	69 - 145	1	30		
Endosulfan II	123	123	74 - 143	0	30		
Endosulfan sulfate	119	120	75 - 141	1	30		
Endrin	124	122	62 - 150	2	30		
Endrin aldehyde	106	105	76 - 136	0	30		
Endrin ketone	115	113	78 - 149	1	30		
Heptachlor	119	118	66 - 146	1	30		
Heptachlor epoxide	122	120	68 - 147	2	30		
Methoxychlor	132	132	67 - 136	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	99	99	50 - 147
DCB Decachlorobiphenyl	42	41	26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231851

Method: 8081B
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231851/2-A	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-231851	Lab File ID:	VR492735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/21/2014 1644	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1009			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-231851/3-A	Analysis Batch:	460-232099	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-231851	Lab File ID:	VR492736.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/21/2014 1656	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1009			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	118	116	65 - 147	1	30		
alpha-BHC	115	113	69 - 147	1	30		
beta-BHC	114	114	65 - 142	0	30		
delta-BHC	99	99	66 - 142	0	30		
gamma-BHC (Lindane)	118	117	70 - 148	0	30		
4,4'-DDD	124	125	67 - 150	1	30		
4,4'-DDE	120	120	67 - 145	0	30		
4,4'-DDT	118	118	62 - 138	0	30		
Dieldrin	119	118	69 - 140	1	30		
Endosulfan I	118	118	69 - 145	0	30		
Endosulfan II	119	117	74 - 143	2	30		
Endosulfan sulfate	113	111	75 - 141	2	30		
Endrin	122	121	62 - 150	1	30		
Endrin aldehyde	104	104	76 - 136	0	30		
Endrin ketone	104	104	78 - 149	0	30		
Heptachlor	108	109	66 - 146	1	30		
Heptachlor epoxide	111	111	68 - 147	0	30		
Methoxychlor	114	113	67 - 136	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	84	83	50 - 147
DCB Decachlorobiphenyl	35	33	26 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231851

Method: 8081B
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231851/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231851/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/21/2014 1644			Analysis Date:	06/21/2014 1656
Prep Date:	06/20/2014 1009			Prep Date:	06/20/2014 1009
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	1.60	1.60	1.89	1.89
alpha-BHC	1.60	1.60	1.92	1.90
beta-BHC	1.60	1.60	2.10	2.09
delta-BHC	1.60	1.60	1.66	1.64
gamma-BHC (Lindane)	1.60	1.60	2.04	2.02
4,4'-DDD	1.60	1.60	2.09	2.05
4,4'-DDE	1.60	1.60	2.02	1.98
4,4'-DDT	1.60	1.60	1.91	1.90
Dieldrin	1.60	1.60	2.00	1.97
Endosulfan I	1.60	1.60	2.03	2.00
Endosulfan II	1.60	1.60	1.96	1.97
Endosulfan sulfate	1.60	1.60	1.90	1.92
Endrin	1.60	1.60	1.99	1.95
Endrin aldehyde	1.60	1.60	1.69	1.68
Endrin ketone	1.60	1.60	1.83	1.81
Heptachlor	1.60	1.60	1.91	1.88
Heptachlor epoxide	1.60	1.60	1.95	1.92
Methoxychlor	1.60	1.60	2.12	2.12

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231851

Method: 8081B
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231851/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231851/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/21/2014 1644			Analysis Date:	06/21/2014 1656
Prep Date:	06/20/2014 1009			Prep Date:	06/20/2014 1009
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	1.60	1.60	1.88	1.86
alpha-BHC	1.60	1.60	1.83	1.82
beta-BHC	1.60	1.60	1.83	1.82
delta-BHC	1.60	1.60	1.58	1.58
gamma-BHC (Lindane)	1.60	1.60	1.88	1.87
4,4'-DDD	1.60	1.60	1.99	2.00
4,4'-DDE	1.60	1.60	1.92	1.91
4,4'-DDT	1.60	1.60	1.89	1.89
Dieldrin	1.60	1.60	1.91	1.89
Endosulfan I	1.60	1.60	1.89	1.89
Endosulfan II	1.60	1.60	1.90	1.87
Endosulfan sulfate	1.60	1.60	1.81	1.77
Endrin	1.60	1.60	1.95	1.94
Endrin aldehyde	1.60	1.60	1.67	1.66
Endrin ketone	1.60	1.60	1.66	1.67
Heptachlor	1.60	1.60	1.73	1.74
Heptachlor epoxide	1.60	1.60	1.77	1.78
Methoxychlor	1.60	1.60	1.82	1.81

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231790

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-231790/1-A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1418	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.015	U	0.015	0.067
Aroclor 1221	0.015	U	0.015	0.067
Aroclor 1232	0.015	U	0.015	0.067
Aroclor 1242	0.015	U	0.015	0.067
Aroclor 1248	0.015	U	0.015	0.067
Aroclor 1254	0.019	U	0.019	0.067
Aroclor 1260	0.019	U	0.019	0.067
Aroclor 1262	0.019	U	0.019	0.067
Aroclor 1268	0.019	U	0.019	0.067

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	53 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-231790

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-231790/2-A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007878.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1437	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	0.333	0.365	110	64 - 145	
Aroclor 1260	0.333	0.352	106	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	53 - 150

Lab Control Sample - Batch: 460-231790

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-231790/2-A	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007878.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1437	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	0.333	0.313	94	64 - 145	
Aroclor 1260	0.333	0.300	90	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231790

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-77236-A-1-B MS	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1456			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-77236-A-1-C MSD	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/20/2014 1515			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016				10	30		
Aroclor 1260				11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	118	53 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231790

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-77236-A-1-B MS	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	06/20/2014 1456			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-77236-A-1-C MSD	Analysis Batch:	460-231909	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-231790	Lab File ID:	T007880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	06/20/2014 1515			Final Weight/Volume:	10 mL
Prep Date:	06/20/2014 0254			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016				10	30		
Aroclor 1260				8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	103	53 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231790

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-77236-A-1-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-77236-A-1-C MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/20/2014 1456			Analysis Date:	06/20/2014 1515
Prep Date:	06/20/2014 0254			Prep Date:	06/20/2014 0254
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	0.015	U	0.344	0.343	0.339	0.375
Aroclor 1260	0.020	U	0.344	0.343	0.334	0.374

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-231790

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-77236-A-1-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-77236-A-1-C MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/20/2014 1456			Analysis Date:	06/20/2014 1515
Prep Date:	06/20/2014 0254			Prep Date:	06/20/2014 0254
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	0.015	U	0.344	0.343	0.304	0.336
Aroclor 1260	0.020	U	0.344	0.343	0.323	0.351

Method Blank - Batch: 460-231852 **Method: 8082A**
Preparation: 3510C

Lab Sample ID:	MB 460-231852/1-A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102078.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0842	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	66	13 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	66	13 - 150

Method Blank - Batch: 460-231852 **Method: 8082A**
Preparation: 3510C

Lab Sample ID:	MB 460-231852/1-ARA	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102081.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0937	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	69	13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	67	13 - 150

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102077.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0827	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-231852/3-A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102076.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0813	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	121	109	68 - 146	11	30		
Aroclor 1260	125	119	65 - 150	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	93	13 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102077.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0827	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-231852/3-A	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102076.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0813	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	115	106	68 - 146	8	30		
Aroclor 1260	116	111	65 - 150	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	90	13 - 150

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-ARA	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102080.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0912	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-231852/3-ARA	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102079.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0857	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	116	110	68 - 146	5	30		
Aroclor 1260	124	118	65 - 150	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	101	99	13 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-ARA	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102080.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0912	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-231852/3-ARA	Analysis Batch:	460-232274	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-231852	Lab File ID:	QR102079.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	06/23/2014 0857	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	06/20/2014 1016	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	113	104	68 - 146	9	30		
Aroclor 1260	117	110	65 - 150	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	95	13 - 150

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231852/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 0827			Analysis Date:	06/23/2014 0813
Prep Date:	06/20/2014 1016			Prep Date:	06/20/2014 1016
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.70	8.72
Aroclor 1260	8.00	8.00	10.0	9.53

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231852/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 0827			Analysis Date:	06/23/2014 0813
Prep Date:	06/20/2014 1016			Prep Date:	06/20/2014 1016
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.21	8.50
Aroclor 1260	8.00	8.00	9.31	8.90

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-ARA	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231852/3-ARA
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 0912			Analysis Date:	06/23/2014 0857
Prep Date:	06/20/2014 1016			Prep Date:	06/20/2014 1016
Leach Date:	N/A			Leach Date:	N/A
Run Type:	RA			Run Type:	RA

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.27	8.78
Aroclor 1260	8.00	8.00	9.95	9.45

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-231852

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-231852/2-ARA	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-231852/3-ARA
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/23/2014 0912			Analysis Date:	06/23/2014 0857
Prep Date:	06/20/2014 1016			Prep Date:	06/20/2014 1016
Leach Date:	N/A			Leach Date:	N/A
Run Type:	RA			Run Type:	RA

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.05	8.30
Aroclor 1260	8.00	8.00	9.35	8.80

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 460-231816/1-A ^2	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	06/20/2014 2001	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	11.1	U	11.1	20.0
Antimony	0.76	U	0.76	2.0
Arsenic	0.41	U	0.41	1.5
Barium	0.87	U	0.87	20.0
Beryllium	0.14	U	0.14	0.20
Cadmium	0.14	U	0.14	0.40
Calcium	38.3	U	38.3	500
Chromium	0.40	U	0.40	1.0
Cobalt	0.45	U	0.45	5.0
Copper	0.88	U	0.88	2.5
Iron	12.5	U	12.5	15.0
Lead	0.41	U	0.41	1.0
Magnesium	33.2	U	33.2	500
Manganese	0.43	U	0.43	1.5
Nickel	0.90	U	0.90	4.0
Potassium	13.8	U	13.8	500
Selenium	0.57	U	0.57	2.0
Silver	0.19	U	0.19	1.0
Sodium	37.8	U	37.8	500
Thallium	0.98	U	0.98	2.0
Vanadium	0.41	U	0.41	5.0
Zinc	0.86	U	0.86	3.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

LCS-Certified Reference Material - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCSSRM 460-231816/2-A	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	06/20/2014 2016	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9310	8259	88.7	43.3 - 156.8	
Antimony	120	219.0	182.5	20.8 - 252.5	
Arsenic	168	166.9	99.3	70.8 - 129.8	
Barium	213	220.8	103.7	73.2 - 126.8	
Beryllium	110	110.7	100.6	75.1 - 125.5	
Cadmium	103	105.4	102.4	73.0 - 126.2	
Calcium	6870	7135	103.9	74.4 - 125.8	
Chromium	119	124.4	104.6	69.7 - 129.4	
Cobalt	131	139.8	106.7	74.4 - 125.2	
Copper	118	114.9	97.4	74.6 - 124.6	
Iron	13000	15090	116.1	32.2 - 167.7	
Lead	76.9	83.31	108.3	68.7 - 131.3	
Magnesium	2780	2659	95.7	65.1 - 135.3	
Manganese	338	378.4	112.0	75.4 - 125.1	
Nickel	70.0	75.52	107.9	70.9 - 129.0	
Potassium	3130	2913	93.1	62.9 - 136.7	
Selenium	126	126.6	100.4	66.7 - 134.1	
Silver	42.3	42.77	101.1	66.2 - 134.0	
Sodium	350	323.6	92.4	42.9 - 156.9	J
Thallium	208	228.3	109.8	69.2 - 130.8	
Vanadium	87.1	92.00	105.6	63.1 - 136.6	
Zinc	276	293.9	106.5	71.4 - 128.6	

Matrix Spike - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-D MS ^4	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/20/2014 2030	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2650		222	5167	1133	75 - 125	4
Antimony	1.7	U	55.6	32.04	58	75 - 125	F1
Arsenic	5.0		222	215.3	95	75 - 125	
Barium	12.0	J	222	248.7	106	75 - 125	
Beryllium	0.30	U	5.56	5.87	106	75 - 125	
Cadmium	0.31	U	5.56	5.68	102	75 - 125	
Calcium	595	J	2220	2767	98	75 - 125	
Chromium	5.5		22.2	29.58	108	75 - 125	
Cobalt	0.99	U	55.6	58.87	106	75 - 125	
Copper	4.3	J	27.8	31.51	98	75 - 125	
Iron	6870		111	7420	499	75 - 125	4
Lead	22.4		55.6	80.47	105	75 - 125	
Magnesium	316	J	2220	2573	102	75 - 125	
Manganese	29.8		55.6	87.96	105	75 - 125	
Nickel	2.0	U	55.6	61.64	111	75 - 125	
Potassium	392	J	2220	2760	107	75 - 125	
Selenium	1.3	U	222	213.0	96	75 - 125	
Silver	0.43	U	5.56	5.54	100	75 - 125	
Sodium	83.2	U	2220	2187	98	75 - 125	
Thallium	2.2	U	222	239.8	108	75 - 125	
Vanadium	12.2		55.6	70.13	104	75 - 125	
Zinc	23.8		55.6	85.80	112	75 - 125	

Post Digestion Spike - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-B PDS	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/20/2014 2033	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2650		440	2983	76	80 - 120	
Antimony	1.7	U	110	106.8	97	80 - 120	
Arsenic	5.0		440	433.9	97	80 - 120	
Barium	12.0	J	440	478.6	106	80 - 120	
Beryllium	0.30	U	11.0	11.41	104	80 - 120	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Post Digestion Spike - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-B PDS	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/20/2014 2033	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.31	U	11.0	11.39	104	80 - 120	
Calcium	595	J	4400	4924	98	80 - 120	
Chromium	5.5		44.0	50.25	102	80 - 120	
Cobalt	0.99	U	110	116.1	106	80 - 120	
Copper	4.3	J	55.0	58.25	98	80 - 120	
Iron	6870		220	6824	NC	80 - 120	
Lead	22.4		110	137.9	105	80 - 120	
Magnesium	316	J	4400	4557	96	80 - 120	
Manganese	29.8		110	144.3	104	80 - 120	
Nickel	2.0	U	110	119.3	108	80 - 120	
Potassium	392	J	4400	4620	96	80 - 120	
Selenium	1.3	U	440	427.3	97	80 - 120	
Silver	0.43	U	11.0	11.03	100	80 - 120	
Sodium	83.2	U	4400	4308	98	80 - 120	
Thallium	2.2	U	440	474.2	108	80 - 120	
Vanadium	12.2		110	123.4	101	80 - 120	
Zinc	23.8		110	138.7	104	80 - 120	

Duplicate - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-C DU ^4	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	06/20/2014 2019	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	2650		2673	0.9	20	
Antimony	1.7	U	1.7	NC	20	U
Arsenic	5.0		4.98	0.1	20	
Barium	12.0	J	12.05	0.2	20	J
Beryllium	0.30	U	0.30	NC	20	U
Cadmium	0.31	U	0.31	NC	20	U
Calcium	595	J	599.3	0.8	20	J
Chromium	5.5		5.56	1	20	
Cobalt	0.99	U	1.0	NC	20	U
Copper	4.3	J	4.35	0.03	20	J
Iron	6870		6933	1	20	
Lead	22.4		22.08	1	20	
Magnesium	316	J	319.6	1	20	J
Manganese	29.8		30.09	0.9	20	
Nickel	2.0	U	2.0	NC	20	U
Potassium	392	J	402.2	3	20	J
Selenium	1.3	U	1.3	NC	20	U
Silver	0.43	U	0.43	NC	20	U
Sodium	83.2	U	84.0	NC	20	U
Thallium	2.2	U	2.2	NC	20	U
Vanadium	12.2		12.24	0.5	20	
Zinc	23.8		23.89	0.5	20	

Serial Dilution - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-B SD ^2	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/20/2014 2026	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	2650		2504	5.4	10	
Antimony	1.7	U	8.3	NC	10	U
Arsenic	5.0		4.98	NC	10	J
Barium	12.0	J	11.37	NC	10	J
Beryllium	0.30	U	1.5	NC	10	U
Cadmium	0.31	U	1.6	NC	10	U
Calcium	595	J	557.8	NC	10	J

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Serial Dilution - Batch: 460-231816

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-77665-A-5-B SD ^2	Analysis Batch:	460-232053	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-231816	Lab File ID:	231816.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	06/20/2014 2026	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0712				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	5.5		5.09	NC	10	J
Cobalt	0.99	U	5.0	NC	10	U
Copper	4.3	J	9.7	NC	10	U
Iron	6870		6544	4.7	10	
Lead	22.4		20.03	NC	10	
Magnesium	316	J	365	NC	10	U
Manganese	29.8		28.37	NC	10	
Nickel	2.0	U	9.9	NC	10	U
Potassium	392	J	348.1	NC	10	J
Selenium	1.3	U	6.3	NC	10	U
Silver	0.43	U	2.1	NC	10	U
Sodium	83.2	U	416	NC	10	U
Thallium	2.2	U	10.8	NC	10	U
Vanadium	12.2		11.56	NC	10	J
Zinc	23.8		22.90	NC	10	J

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	MB 460-231838/1-A ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	0166CCB.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1535	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	4.6	U	4.6	5.0
Arsenic	2.3	U	2.3	2.5
Barium	4.5	U	4.5	5.0
Beryllium	0.88	U	0.88	1.0
Cadmium	2.0	U	2.0	2.5
Cobalt	4.5	U	4.5	5.0
Chromium	4.6	U	4.6	5.0
Copper	4.7	U	4.7	5.0
Manganese	9.1	U	9.1	10.0
Nickel	4.7	U	4.7	5.0
Lead	1.4	U	1.4	1.5
Antimony	2.2	U	2.2	2.5
Selenium	2.2	U	2.2	2.5
Vanadium	4.4	U	4.4	5.0
Zinc	17.7	U	17.7	20.0
Aluminum	46.7	U	46.7	50.0
Sodium	213	U	213	250
Magnesium	224	U	224	250
Potassium	211	U	211	250
Calcium	237	U	237	250
Iron	142	U	142	150
Thallium	0.94	U	0.94	1.0

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Lab Control Sample - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	LCS 460-231838/2-A ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	017SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1540	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	25.0	23.61	94	80 - 120	
Arsenic	50.0	49.47	99	80 - 120	
Barium	50.0	47.30	95	80 - 120	
Beryllium	25.0	23.94	96	80 - 120	
Cadmium	25.0	23.84	95	80 - 120	
Cobalt	25.0	23.66	95	80 - 120	
Chromium	50.0	46.44	93	80 - 120	
Copper	50.0	46.00	92	80 - 120	
Manganese	250	235.1	94	80 - 120	
Nickel	50.0	47.20	94	80 - 120	
Lead	25.0	23.07	92	80 - 120	
Antimony	25.0	23.30	93	80 - 120	
Selenium	50.0	48.74	97	80 - 120	
Vanadium	50.0	46.77	94	80 - 120	
Zinc	250	235.6	94	80 - 120	
Aluminum	2500	2345	94	80 - 120	
Sodium	2500	2440	98	80 - 120	
Magnesium	2500	2399	96	80 - 120	
Potassium	2500	2446	98	80 - 120	
Calcium	2500	2398	96	80 - 120	
Iron	2500	2629	105	80 - 120	
Thallium	20.0	18.17	91	80 - 120	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Post Digestion Spike - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-A PDS ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	018SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1546	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	4.6	U	25.0	21.89	88	75 - 125	
Arsenic	14.4		50.0	59.96	91	75 - 125	
Barium	620		50.0	661.9	NC	75 - 125	
Beryllium	2.7		25.0	25.31	91	75 - 125	
Cadmium	2.0	U	25.0	23.89	96	75 - 125	
Cobalt	37.8		25.0	57.65	80	75 - 125	
Chromium	94.4		50.0	136.0	83	75 - 125	
Copper	105		50.0	144.6	79	75 - 125	
Manganese	2530		250	2702	NC	75 - 125	
Nickel	153		50.0	190.3	75	75 - 125	
Lead	131		25.0	151.9	85	75 - 125	
Antimony	2.2	U	25.0	24.01	96	75 - 125	
Selenium	6.5		50.0	49.41	86	75 - 125	
Vanadium	91.4		50.0	134.2	86	75 - 125	
Zinc	180		250	376.5	79	75 - 125	
Aluminum	39200		2500	40690	NC	75 - 125	
Sodium	181000		2500	180800	NC	75 - 125	
Magnesium	70300		2500	71120	NC	75 - 125	
Potassium	32800		2500	34890	NC	75 - 125	
Calcium	157000		2500	157400	NC	75 - 125	
Iron	47300		2500	48550	NC	75 - 125	
Thallium	0.94	U	20.0	18.61	93	75 - 125	

Matrix Spike - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-C MS ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	019SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1551	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	4.6	U	25.0	22.69	91	75 - 125	
Arsenic	14.4		50.0	60.25	92	75 - 125	
Barium	620		50.0	585.6	-69	75 - 125	4
Beryllium	2.7		25.0	25.04	90	75 - 125	
Cadmium	2.0	U	25.0	25.32	101	75 - 125	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-C MS ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	019SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1551	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cobalt	37.8		25.0	54.22	66	75 - 125	F1
Chromium	94.4		50.0	122.9	57	75 - 125	F1
Copper	105		50.0	138.4	67	75 - 125	F1
Manganese	2530		250	2618	36	75 - 125	4
Nickel	153		50.0	167.3	29	75 - 125	F1
Lead	131		25.0	146.5	63	75 - 125	4
Antimony	2.2	U	25.0	16.87	67	75 - 125	F1
Selenium	6.5		50.0	46.96	81	75 - 125	
Vanadium	91.4		50.0	122.6	62	75 - 125	F1
Zinc	180		250	362.3	73	75 - 125	F1
Aluminum	39200		2500	33670	-223	75 - 125	4
Sodium	181000		2500	180600	-15	75 - 125	4
Magnesium	70300		2500	68400	-76	75 - 125	4
Potassium	32800		2500	32610	-7	75 - 125	4
Calcium	157000		2500	156300	-33	75 - 125	4
Iron	47300		2500	41390	-235	75 - 125	4
Thallium	0.94	U	20.0	18.89	94	75 - 125	

Duplicate - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-B DU ^5	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	020SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1557	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	4.6	U	4.6	NC	20	U
Arsenic	14.4		15.00	4	20	
Barium	620		599.8	3	20	
Beryllium	2.7		2.51	6	20	
Cadmium	2.0	U	2.0	NC	20	U
Cobalt	37.8		35.26	7	20	
Chromium	94.4		90.02	5	20	
Copper	105		100.6	4	20	
Manganese	2530		2427	4	20	
Nickel	153		145.1	5	20	
Lead	131		127.7	2	20	
Antimony	2.2	U	2.2	NC	20	U
Selenium	6.5		6.24	3	20	
Vanadium	91.4		87.33	5	20	
Zinc	180		175.6	3	20	
Aluminum	39200		37550	4	20	
Sodium	181000		173600	4	20	
Magnesium	70300		67400	4	20	
Potassium	32800		31600	4	20	
Calcium	157000		151300	4	20	
Iron	47300		45270	4	20	
Thallium	0.94	U	0.94	NC	20	U

Serial Dilution - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-A SD ^25	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	022SMPL.D
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1608	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	4.6	U	22.8	NC	10	U
Arsenic	14.4		14.15	NC	10	
Barium	620		618.4	0.27	10	
Beryllium	2.7		4.4	NC	10	U
Cadmium	2.0	U	10.2	NC	10	U
Cobalt	37.8		37.28	NC	10	
Chromium	94.4		92.65	NC	10	

Client: Hillmann Consulting LLC

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Serial Dilution - Batch: 460-231838

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-78073-N-2-A SD ^25	Analysis Batch:	460-232799	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-231838	Lab File ID:	022SMPL.D
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/25/2014 1608	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/20/2014 0924				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	105		107.5	NC	10	
Manganese	2530		2517	0.47	10	
Nickel	153		158.0	NC	10	
Lead	131		125.9	3.6	10	
Antimony	2.2	U	10.8	NC	10	U
Selenium	6.5		11.0	NC	10	U
Vanadium	91.4		91.53	NC	10	
Zinc	180		199.3	NC	10	
Aluminum	39200		39020	0.57	10	
Sodium	181000		184800	2.1	10	
Magnesium	70300		72510	3.1	10	
Potassium	32800		33110	0.98	10	
Calcium	157000		156800	0.19	10	
Iron	47300		49230	4.2	10	
Thallium	0.94	U	4.7	NC	10	U

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231890

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-231890/1-A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Client Matrix:	Water	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1550	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-231890

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-231890/2-A	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Client Matrix:	Water	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1552	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.991	99	80 - 120	

Matrix Spike - Batch: 460-231890

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-77951-H-1-D MS	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Client Matrix:	Water	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1558	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16	U	1.00	0.983	98	75 - 125	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Duplicate - Batch: 460-231890

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-77951-H-1-C DU	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Client Matrix:	Water	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1556	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.16	U	0.16	NC	20	U

Serial Dilution - Batch: 460-231890

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-77951-H-1-B SD ^5	Analysis Batch:	460-231974	Instrument ID:	LEEMAN6
Client Matrix:	Water	Prep Batch:	460-231890	Lab File ID:	231888.CSV
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	06/20/2014 1600	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	06/20/2014 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.16	U	0.80	NC	10	U

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-231813

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 460-231813/10-A	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2014 1004	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.012	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-231813

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCSSRM 460-231813/11-A	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	06/20/2014 1006	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	25.00	99.6	51.4 - 148.2	

Matrix Spike - Batch: 460-231813

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-77502-D-10-I MS	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2014 1015	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	9.5	0.100	9.19	-280	75 - 125	4

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Duplicate - Batch: 460-231813

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-77502-D-10-H DU	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2014 1013	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	9.5	9.93	5	20	

Serial Dilution - Batch: 460-231813

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-77502-D-10-G SD	Analysis Batch:	460-231883	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-231813	Lab File ID:	231813HG1.PRN
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	0.66 g
Analysis Date:	06/20/2014 1109	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	06/20/2014 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	9.5	9.77	NC		

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Method Blank - Batch: 460-232529

Method: 335.4
Preparation: Distill/CN

Lab Sample ID:	MB 460-232529/1-A	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-232529	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 mL
Analysis Date:	06/24/2014 1442	Units:	mg/L	Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 1130				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.0040	U	0.0040	0.010

High Level Control Sample - Batch: 460-232529

Method: 335.4
Preparation: Distill/CN

Lab Sample ID:	HLCS 460-232529/2-A	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-232529	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 mL
Analysis Date:	06/24/2014 1443	Units:	mg/L	Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 1130				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.200	0.191	96	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232529

Method: 335.4
Preparation: Distill/CN

MS Lab Sample ID:	460-77959-F-2-C MS	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-232529	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 mL
Analysis Date:	06/24/2014 1458			Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 1130				
Leach Date:	N/A				

MSD Lab Sample ID:	460-77959-F-2-D MSD	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-232529	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 mL
Analysis Date:	06/24/2014 1459			Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 1130				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	88	91	90 - 110	4	11	F1	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232529

Method: 335.4
Preparation: Distill/CN

MS Lab Sample ID:	460-77959-F-2-C MS	Units:	mg/L	MSD Lab Sample ID:	460-77959-F-2-D MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/24/2014 1458			Analysis Date:	06/24/2014 1459
Prep Date:	06/24/2014 1130			Prep Date:	06/24/2014 1130
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Cyanide, Total	0.0040	U	0.200	0.200	0.175	F1	0.182

Method Blank - Batch: 460-232505

Method: 9012B
Preparation: 9012B

Lab Sample ID:	MB 460-232505/1-A	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Solid	Prep Batch:	460-232505	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	06/24/2014 1405	Units:	mg/Kg	Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 0700				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.055	U	0.055	0.10

Low Level Control Sample - Batch: 460-232505

Method: 9012B
Preparation: 9012B

Lab Sample ID:	LLCS 460-232505/2-A	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Solid	Prep Batch:	460-232505	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	06/24/2014 1406	Units:	mg/Kg	Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 0700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1.00	0.927	93	90 - 110	

High Level Control Sample - Batch: 460-232505

Method: 9012B
Preparation: 9012B

Lab Sample ID:	HLCS 460-232505/3-A	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Solid	Prep Batch:	460-232505	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	06/24/2014 1407	Units:	mg/Kg	Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 0700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	2.00	1.85	93	90 - 110	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232505

Method: 9012B
Preparation: 9012B

MS Lab Sample ID:	460-78044-1	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Solid	Prep Batch:	460-232505	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	06/24/2014 1422			Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 0700				
Leach Date:	N/A				

MSD Lab Sample ID:	460-78044-1	Analysis Batch:	460-232558	Instrument ID:	Lachat3
Client Matrix:	Solid	Prep Batch:	460-232505	Lab File ID:	OM_6-24-2014_01-54-03P
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	06/24/2014 1423			Final Weight/Volume:	5.0 mL
Prep Date:	06/24/2014 0700				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	86	69	40 - 130	21	32		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-232505

Method: 9012B
Preparation: 9012B

MS Lab Sample ID:	460-78044-1	Units:	mg/Kg	MSD Lab Sample ID:	460-78044-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/24/2014 1422			Analysis Date:	06/24/2014 1423
Prep Date:	06/24/2014 0700			Prep Date:	06/24/2014 0700
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	0.14	2.57	2.57	2.35	1.90

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Duplicate - Batch: 460-231696

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-78044-5	Analysis Batch:	460-231696	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	06/19/2014 1430	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	23.6	34.7	38	20	F3
Percent Solids	76.4	65.3	16	20	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Duplicate - Batch: 460-231718

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-78061-A-6 DU	Analysis Batch:	460-231718	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	06/19/2014 1528	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	7.7	8.9	15	20	
Percent Solids	92.3	91.1	1	20	

DATA REPORTING QUALIFIERS

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds 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	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
	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 Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	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: Hillmann Consulting LLC Job Number: 460-78044-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F3	Duplicate RPD exceeds the control limit
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery 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.

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-231704					
460-78044-3	S-3	T	Solid	5035	
Prep Batch: 460-231714					
LB3 460-231714/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-78044-1	S-1	T	Solid	5035	
460-78044-2	S-2	T	Solid	5035	
460-78044-4	S-4	T	Solid	5035	
460-78044-5	S-5	T	Solid	5035	
460-78044-6	S-6	T	Solid	5035	
460-78044-7	S-7	T	Solid	5035	
Analysis Batch:460-231807					
LCS 460-231807/4	Lab Control Sample	T	Water	8260C SIM	
LCSD 460-231807/5	Lab Control Sample Duplicate	T	Water	8260C SIM	
MB 460-231807/8	Method Blank	T	Water	8260C SIM	
460-78044-8	TWP-1	T	Water	8260C SIM	
460-78044-9	TWP-4	T	Water	8260C SIM	
460-78044-10	TWP-5	T	Water	8260C SIM	
460-78044-11	TWP-7	T	Water	8260C SIM	
Analysis Batch:460-232119					
LCS 460-232119/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-232119/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-232119/6	Method Blank	T	Solid	8260C	
LB3 460-231714/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260C	460-231714
460-78044-1	S-1	T	Solid	8260C	460-231714
460-78044-2	S-2	T	Solid	8260C	460-231714
460-78044-4	S-4	T	Solid	8260C	460-231714
460-78044-5	S-5	T	Solid	8260C	460-231714
460-78044-6	S-6	T	Solid	8260C	460-231714
460-78044-7	S-7	T	Solid	8260C	460-231714
Analysis Batch:460-232261					
LCS 460-232261/4	Lab Control Sample	T	Water	8260C	
MB 460-232261/7	Method Blank	T	Water	8260C	
460-77918-C-6 MS	Matrix Spike	T	Water	8260C	
460-77918-C-6 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-78044-8	TWP-1	T	Water	8260C	
460-78044-9	TWP-4	T	Water	8260C	
460-78044-11	TWP-7	T	Water	8260C	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-232427					
LCS 460-232427/3	Lab Control Sample	T	Water	8260C	
MB 460-232427/6	Method Blank	T	Water	8260C	
460-77788-B-1 MS	Matrix Spike	T	Water	8260C	
460-77788-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-78044-10	TWP-5	T	Water	8260C	
Analysis Batch:460-232468					
LCS 460-232468/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-232468/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-232468/7	Method Blank	T	Solid	8260C	
460-78044-3	S-3	T	Solid	8260C	460-231704

Report Basis

T = Total

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-231764					
LCS 460-231764/2-A	Lab Control Sample	T	Solid	3541	
LCS 460-231764/3-A	Lab Control Sample	T	Solid	3541	
MB 460-231764/1-A	Method Blank	T	Solid	3541	
460-77914-E-3-A MS	Matrix Spike	T	Solid	3541	
460-77914-E-3-B MSD	Matrix Spike Duplicate	T	Solid	3541	
460-78044-1	S-1	T	Solid	3541	
460-78044-2	S-2	T	Solid	3541	
460-78044-3	S-3	T	Solid	3541	
460-78044-4DL	S-4	T	Solid	3541	
460-78044-5	S-5	T	Solid	3541	
460-78044-6	S-6	T	Solid	3541	
460-78044-7	S-7	T	Solid	3541	
Analysis Batch:460-231786					
				8270D	
Prep Batch: 460-231898					
LCS 460-231898/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-231898/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-231898/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-231898/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-231898/1-A	Method Blank	T	Water	3510C	
460-78044-8	TWP-1	T	Water	3510C	
460-78044-9	TWP-4	T	Water	3510C	
460-78044-10	TWP-5	T	Water	3510C	
460-78044-11	TWP-7	T	Water	3510C	
Analysis Batch:460-232192					
LCS 460-231898/2-A	Lab Control Sample	T	Water	8270D	460-231898
LCS 460-231898/4-A	Lab Control Sample	T	Water	8270D	460-231898
LCSD 460-231898/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-231898
LCSD 460-231898/5-A	Lab Control Sample Duplicate	T	Water	8270D	460-231898
MB 460-231898/1-A	Method Blank	T	Water	8270D	460-231898
460-78044-8	TWP-1	T	Water	8270D	460-231898
460-78044-9	TWP-4	T	Water	8270D	460-231898
460-78044-10	TWP-5	T	Water	8270D	460-231898
460-78044-11	TWP-7	T	Water	8270D	460-231898

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-232407					
LCS 460-231764/2-A	Lab Control Sample	T	Solid	8270D	460-231764
LCS 460-231764/3-A	Lab Control Sample	T	Solid	8270D	460-231764
MB 460-231764/1-A	Method Blank	T	Solid	8270D	460-231764
460-78044-1	S-1	T	Solid	8270D	460-231764
460-78044-4DL	S-4	T	Solid	8270D	460-231764
460-78044-5	S-5	T	Solid	8270D	460-231764
460-78044-7	S-7	T	Solid	8270D	460-231764
Analysis Batch:460-232519					
MB 460-231898/1-A	Method Blank	T	Water	8270D SIM	460-231898
460-78044-8	TWP-1	T	Water	8270D SIM	460-231898
460-78044-9	TWP-4	T	Water	8270D SIM	460-231898
460-78044-10	TWP-5	T	Water	8270D SIM	460-231898
Analysis Batch:460-232560					
460-77914-E-3-A MS	Matrix Spike	T	Solid	8270D	460-231764
460-77914-E-3-B MSD	Matrix Spike Duplicate	T	Solid	8270D	460-231764
460-78044-2	S-2	T	Solid	8270D	460-231764
460-78044-3	S-3	T	Solid	8270D	460-231764
460-78044-6	S-6	T	Solid	8270D	460-231764
Analysis Batch:460-232632					
460-78044-11	TWP-7	T	Water	8270D SIM	460-231898

Report Basis

T = Total

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-231790					
LCS 460-231790/2-A	Lab Control Sample	T	Solid	3546	
MB 460-231790/1-A	Method Blank	T	Solid	3546	
460-77236-A-1-B MS	Matrix Spike	T	Solid	3546	
460-77236-A-1-C MSD	Matrix Spike Duplicate	T	Solid	3546	
460-78044-1	S-1	T	Solid	3546	
460-78044-2	S-2	T	Solid	3546	
460-78044-3	S-3	T	Solid	3546	
460-78044-4	S-4	T	Solid	3546	
460-78044-5	S-5	T	Solid	3546	
460-78044-6	S-6	T	Solid	3546	
460-78044-7	S-7	T	Solid	3546	
Prep Batch: 460-231796					
LCS 460-231796/2-A	Lab Control Sample	T	Solid	3546	
MB 460-231796/1-A	Method Blank	T	Solid	3546	
460-78044-1	S-1	T	Solid	3546	
460-78044-2	S-2	T	Solid	3546	
460-78044-3	S-3	T	Solid	3546	
460-78044-4	S-4	T	Solid	3546	
460-78044-5	S-5	T	Solid	3546	
460-78044-6	S-6	T	Solid	3546	
460-78044-7	S-7	T	Solid	3546	
460-78073-E-5-C MS	Matrix Spike	T	Solid	3546	
460-78073-E-5-D MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-231851					
LCS 460-231851/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-231851/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-231851/1-A	Method Blank	T	Water	3510C	
460-78044-8	TWP-1	T	Water	3510C	
460-78044-9	TWP-4	T	Water	3510C	
460-78044-10	TWP-5	T	Water	3510C	
460-78044-11	TWP-7	T	Water	3510C	
Prep Batch: 460-231852					
LCS 460-231852/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-231852/2-ARA	Lab Control Sample	T	Water	3510C	
LCSD 460-231852/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-231852/3-ARA	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-231852/1-A	Method Blank	T	Water	3510C	
MB 460-231852/1-ARA	Method Blank	T	Water	3510C	
460-78044-8RA	TWP-1	T	Water	3510C	
460-78044-9	TWP-4	T	Water	3510C	
460-78044-10	TWP-5	T	Water	3510C	
460-78044-11RA	TWP-7	T	Water	3510C	

Client: Hillmann Consulting LLC Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-231909					
LCS 460-231790/2-A	Lab Control Sample	T	Solid	8082A	460-231790
MB 460-231790/1-A	Method Blank	T	Solid	8082A	460-231790
460-77236-A-1-B MS	Matrix Spike	T	Solid	8082A	460-231790
460-77236-A-1-C MSD	Matrix Spike Duplicate	T	Solid	8082A	460-231790
460-78044-1	S-1	T	Solid	8082A	460-231790
460-78044-2	S-2	T	Solid	8082A	460-231790
460-78044-3	S-3	T	Solid	8082A	460-231790
460-78044-4	S-4	T	Solid	8082A	460-231790
460-78044-5	S-5	T	Solid	8082A	460-231790
460-78044-6	S-6	T	Solid	8082A	460-231790
460-78044-7	S-7	T	Solid	8082A	460-231790
Analysis Batch:460-231911					
LCS 460-231796/2-A	Lab Control Sample	T	Solid	8081B	460-231796
MB 460-231796/1-A	Method Blank	T	Solid	8081B	460-231796
460-78044-1	S-1	T	Solid	8081B	460-231796
460-78044-2	S-2	T	Solid	8081B	460-231796
460-78044-3	S-3	T	Solid	8081B	460-231796
460-78044-4	S-4	T	Solid	8081B	460-231796
460-78044-5	S-5	T	Solid	8081B	460-231796
460-78044-6	S-6	T	Solid	8081B	460-231796
460-78044-7	S-7	T	Solid	8081B	460-231796
460-78073-E-5-C MS	Matrix Spike	T	Solid	8081B	460-231796
460-78073-E-5-D MSD	Matrix Spike Duplicate	T	Solid	8081B	460-231796
Analysis Batch:460-232089					
460-78044-9	TWP-4	T	Water	8082A	460-231852
460-78044-10	TWP-5	T	Water	8082A	460-231852
Analysis Batch:460-232099					
LCS 460-231851/2-A	Lab Control Sample	T	Water	8081B	460-231851
LCSD 460-231851/3-A	Lab Control Sample Duplicate	T	Water	8081B	460-231851
MB 460-231851/1-A	Method Blank	T	Water	8081B	460-231851
460-78044-8	TWP-1	T	Water	8081B	460-231851
460-78044-9	TWP-4	T	Water	8081B	460-231851
460-78044-10	TWP-5	T	Water	8081B	460-231851
460-78044-11	TWP-7	T	Water	8081B	460-231851

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-232274					
LCS 460-231852/2-A	Lab Control Sample	T	Water	8082A	460-231852
LCS 460-231852/2-ARA	Lab Control Sample	T	Water	8082A	460-231852
LCSD 460-231852/3-A	Lab Control Sample Duplicate	T	Water	8082A	460-231852
LCSD 460-231852/3-ARA	Lab Control Sample Duplicate	T	Water	8082A	460-231852
MB 460-231852/1-A	Method Blank	T	Water	8082A	460-231852
MB 460-231852/1-ARA	Method Blank	T	Water	8082A	460-231852
460-78044-8RA	TWP-1	T	Water	8082A	460-231852
460-78044-11RA	TWP-7	T	Water	8082A	460-231852

Report Basis

T = Total

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-231813					
LCSSRM 460-231813/11-A ^50	LCS-Certified Reference Material	T	Solid	7471B	
MB 460-231813/10-A	Method Blank	T	Solid	7471B	
460-77502-D-10-H DU	Duplicate	T	Solid	7471B	
460-77502-D-10-I MS	Matrix Spike	T	Solid	7471B	
460-78044-1	S-1	T	Solid	7471B	
460-78044-2	S-2	T	Solid	7471B	
460-78044-3	S-3	T	Solid	7471B	
460-78044-4	S-4	T	Solid	7471B	
460-78044-5	S-5	T	Solid	7471B	
460-78044-6	S-6	T	Solid	7471B	
460-78044-7	S-7	T	Solid	7471B	
Prep Batch: 460-231816					
LCSSRM 460-231816/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-231816/1-A ^2	Method Blank	T	Solid	3050B	
460-77665-A-5-C DU ^4	Duplicate	T	Solid	3050B	
460-77665-A-5-D MS ^4	Matrix Spike	T	Solid	3050B	
460-78044-1	S-1	T	Solid	3050B	
460-78044-2	S-2	T	Solid	3050B	
460-78044-3	S-3	T	Solid	3050B	
460-78044-4	S-4	T	Solid	3050B	
460-78044-5	S-5	T	Solid	3050B	
460-78044-6	S-6	T	Solid	3050B	
460-78044-7	S-7	T	Solid	3050B	
Prep Batch: 460-231838					
LCS 460-231838/2-A ^5	Lab Control Sample	T	Water	3010A	
MB 460-231838/1-A ^5	Method Blank	T	Water	3010A	
460-78044-8	TWP-1	T	Water	3010A	
460-78044-9	TWP-4	T	Water	3010A	
460-78044-10	TWP-5	T	Water	3010A	
460-78044-11	TWP-7	T	Water	3010A	
460-78073-N-2-B DU ^5	Duplicate	T	Water	3010A	
460-78073-N-2-C MS ^5	Matrix Spike	T	Water	3010A	

Client: Hillmann Consulting LLC Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-231883					
LCSSRM 460-231813/11-A ^50	LCS-Certified Reference Material	T	Solid	7471B	460-231813
MB 460-231813/10-A	Method Blank	T	Solid	7471B	460-231813
460-77502-D-10-H DU	Duplicate	T	Solid	7471B	460-231813
460-77502-D-10-I MS	Matrix Spike	T	Solid	7471B	460-231813
460-78044-1	S-1	T	Solid	7471B	460-231813
460-78044-2	S-2	T	Solid	7471B	460-231813
460-78044-3	S-3	T	Solid	7471B	460-231813
460-78044-4	S-4	T	Solid	7471B	460-231813
460-78044-5	S-5	T	Solid	7471B	460-231813
460-78044-6	S-6	T	Solid	7471B	460-231813
460-78044-7	S-7	T	Solid	7471B	460-231813
Prep Batch: 460-231890					
LCS 460-231890/2-A	Lab Control Sample	T	Water	7470A	
MB 460-231890/1-A	Method Blank	T	Water	7470A	
460-77951-H-1-C DU	Duplicate	T	Water	7470A	
460-77951-H-1-D MS	Matrix Spike	T	Water	7470A	
460-78044-8	TWP-1	T	Water	7470A	
460-78044-9	TWP-4	T	Water	7470A	
460-78044-10	TWP-5	T	Water	7470A	
460-78044-11	TWP-7	T	Water	7470A	
Analysis Batch:460-231974					
LCS 460-231890/2-A	Lab Control Sample	T	Water	7470A	460-231890
MB 460-231890/1-A	Method Blank	T	Water	7470A	460-231890
460-77951-H-1-C DU	Duplicate	T	Water	7470A	460-231890
460-77951-H-1-D MS	Matrix Spike	T	Water	7470A	460-231890
460-78044-8	TWP-1	T	Water	7470A	460-231890
460-78044-9	TWP-4	T	Water	7470A	460-231890
460-78044-10	TWP-5	T	Water	7470A	460-231890
460-78044-11	TWP-7	T	Water	7470A	460-231890
Analysis Batch:460-232053					
LCSSRM 460-231816/2-A	LCS-Certified Reference Material	T	Solid	6010C	460-231816
MB 460-231816/1-A ^2	Method Blank	T	Solid	6010C	460-231816
460-77665-A-5-C DU ^4	Duplicate	T	Solid	6010C	460-231816
460-77665-A-5-D MS ^4	Matrix Spike	T	Solid	6010C	460-231816
460-78044-1	S-1	T	Solid	6010C	460-231816
460-78044-2	S-2	T	Solid	6010C	460-231816
460-78044-3	S-3	T	Solid	6010C	460-231816
460-78044-4	S-4	T	Solid	6010C	460-231816
460-78044-5	S-5	T	Solid	6010C	460-231816
460-78044-6	S-6	T	Solid	6010C	460-231816
460-78044-7	S-7	T	Solid	6010C	460-231816

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-232799					
LCS 460-231838/2-A ^5	Lab Control Sample	T	Water	6020	460-231838
MB 460-231838/1-A ^5	Method Blank	T	Water	6020	460-231838
460-78044-8	TWP-1	T	Water	6020	460-231838
460-78044-9	TWP-4	T	Water	6020	460-231838
460-78044-10	TWP-5	T	Water	6020	460-231838
460-78044-11	TWP-7	T	Water	6020	460-231838
460-78073-N-2-B DU ^5	Duplicate	T	Water	6020	460-231838
460-78073-N-2-C MS ^5	Matrix Spike	T	Water	6020	460-231838

Report Basis

T = Total

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-231696					
460-78044-1	S-1	T	Solid	Moisture	
460-78044-2	S-2	T	Solid	Moisture	
460-78044-3	S-3	T	Solid	Moisture	
460-78044-4	S-4	T	Solid	Moisture	
460-78044-5	S-5	T	Solid	Moisture	
460-78044-5DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-231718					
460-78044-6	S-6	T	Solid	Moisture	
460-78044-7	S-7	T	Solid	Moisture	
460-78061-A-6 DU	Duplicate	T	Solid	Moisture	
Prep Batch: 460-232505					
HLCS 460-232505/3-A	High Level Control Sample	T	Solid	9012B	
LLCS 460-232505/2-A	Low Level Control Sample	T	Solid	9012B	
MB 460-232505/1-A	Method Blank	T	Solid	9012B	
460-78044-1	S-1	T	Solid	9012B	
460-78044-1MS	Matrix Spike	T	Solid	9012B	
460-78044-1MSD	Matrix Spike Duplicate	T	Solid	9012B	
460-78044-2	S-2	T	Solid	9012B	
460-78044-3	S-3	T	Solid	9012B	
460-78044-4	S-4	T	Solid	9012B	
460-78044-5	S-5	T	Solid	9012B	
460-78044-6	S-6	T	Solid	9012B	
460-78044-7	S-7	T	Solid	9012B	
Prep Batch: 460-232529					
HLCS 460-232529/2-A	High Level Control Sample	T	Water	Distill/CN	
MB 460-232529/1-A	Method Blank	T	Water	Distill/CN	
460-77959-F-2-C MS	Matrix Spike	T	Water	Distill/CN	
460-77959-F-2-D MSD	Matrix Spike Duplicate	T	Water	Distill/CN	
460-78044-8	TWP-1	T	Water	Distill/CN	
460-78044-9	TWP-4	T	Water	Distill/CN	
460-78044-10	TWP-5	T	Water	Distill/CN	
460-78044-11	TWP-7	T	Water	Distill/CN	

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-232558					
HLCS 460-232505/3-A	High Level Control Sample	T	Solid	9012B	460-232505
LLCS 460-232505/2-A	Low Level Control Sample	T	Solid	9012B	460-232505
MB 460-232505/1-A	Method Blank	T	Solid	9012B	460-232505
HLCS 460-232529/2-A	High Level Control Sample	T	Water	335.4	460-232529
MB 460-232529/1-A	Method Blank	T	Water	335.4	460-232529
460-77959-F-2-C MS	Matrix Spike	T	Water	335.4	460-232529
460-77959-F-2-D MSD	Matrix Spike Duplicate	T	Water	335.4	460-232529
460-78044-1	S-1	T	Solid	9012B	460-232505
460-78044-1MS	Matrix Spike	T	Solid	9012B	460-232505
460-78044-1MSD	Matrix Spike Duplicate	T	Solid	9012B	460-232505
460-78044-2	S-2	T	Solid	9012B	460-232505
460-78044-3	S-3	T	Solid	9012B	460-232505
460-78044-4	S-4	T	Solid	9012B	460-232505
460-78044-5	S-5	T	Solid	9012B	460-232505
460-78044-6	S-6	T	Solid	9012B	460-232505
460-78044-7	S-7	T	Solid	9012B	460-232505
460-78044-8	TWP-1	T	Water	335.4	460-232529
460-78044-9	TWP-4	T	Water	335.4	460-232529
460-78044-10	TWP-5	T	Water	335.4	460-232529
460-78044-11	TWP-7	T	Water	335.4	460-232529

Report Basis

T = Total

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: 460-78044-1 **Client ID:** S-1

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-1-A		460-232119	460-231714	06/19/2014 15:20	1	TAL EDI	AVM
A:8260C	460-78044-B-1-A		460-232119	460-231714	06/22/2014 10:49	1	TAL EDI	AAT
P:3541	460-78044-F-1-A		460-232407	460-231764	06/19/2014 20:28	5	TAL EDI	VNP
A:8270D	460-78044-F-1-A		460-232407	460-231764	06/24/2014 14:29	5	TAL EDI	CAZ
P:3546	460-78044-F-1-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-1-C		460-231911	460-231796	06/20/2014 13:18	1	TAL EDI	TSF
P:3546	460-78044-F-1-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-1-B		460-231909	460-231790	06/20/2014 17:47	1	TAL EDI	CBB
P:3050B	460-78044-E-1-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-1-B ^4		460-232053	460-231816	06/20/2014 21:09	4	TAL EDI	YZH
P:7471B	460-78044-E-1-A ^5		460-231883	460-231813	06/20/2014 06:00	5	TAL EDI	TJS
A:7471B	460-78044-E-1-A ^5		460-231883	460-231813	06/20/2014 10:20	5	TAL EDI	TJS
P:9012B	460-78044-F-1-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-1-D		460-232558	460-232505	06/24/2014 14:21	1	TAL EDI	HTV
A:Moisture	460-78044-F-1		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Lab ID: 460-78044-1 MS **Client ID:** S-1

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012B	460-78044-F-1-E MS		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-1-E MS		460-232558	460-232505	06/24/2014 14:22	1	TAL EDI	HTV

Lab ID: 460-78044-1 MSD **Client ID:** S-1

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012B	460-78044-F-1-F MSD		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-1-F MSD		460-232558	460-232505	06/24/2014 14:23	1	TAL EDI	HTV

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: 460-78044-2 **Client ID:** S-2

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-2-A		460-232119	460-231714	06/19/2014 15:21	1	TAL EDI	AVM
A:8260C	460-78044-B-2-A		460-232119	460-231714	06/22/2014 11:13	1	TAL EDI	AAT
P:3541	460-78044-F-2-A		460-232560	460-231764	06/19/2014 20:28	2	TAL EDI	VNP
A:8270D	460-78044-F-2-A		460-232560	460-231764	06/25/2014 01:12	2	TAL EDI	CAZ
P:3546	460-78044-F-2-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-2-C		460-231911	460-231796	06/20/2014 13:30	1	TAL EDI	TSF
P:3546	460-78044-F-2-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-2-B		460-231909	460-231790	06/20/2014 18:06	1	TAL EDI	CBB
P:3050B	460-78044-E-2-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-2-B ^4		460-232053	460-231816	06/20/2014 21:12	4	TAL EDI	YZH
P:7471B	460-78044-E-2-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-2-A		460-231883	460-231813	06/20/2014 10:23	1	TAL EDI	TJS
P:9012B	460-78044-F-2-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-2-D		460-232558	460-232505	06/24/2014 14:28	1	TAL EDI	HTV
A:Moisture	460-78044-F-2		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Lab ID: 460-78044-3 **Client ID:** S-3

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-A-3-A		460-232468	460-231704	06/19/2014 15:03	50	TAL EDI	AVM
A:8260C	460-78044-A-3-A		460-232468	460-231704	06/24/2014 14:46	50	TAL EDI	EMM
P:3541	460-78044-F-3-A		460-232560	460-231764	06/19/2014 20:28	5	TAL EDI	VNP
A:8270D	460-78044-F-3-A		460-232560	460-231764	06/25/2014 02:00	5	TAL EDI	CAZ
P:3546	460-78044-F-3-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-3-C		460-231911	460-231796	06/20/2014 13:41	1	TAL EDI	TSF
P:3546	460-78044-F-3-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-3-B		460-231909	460-231790	06/20/2014 18:25	1	TAL EDI	CBB
P:3050B	460-78044-E-3-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-3-B ^4		460-232053	460-231816	06/20/2014 21:16	4	TAL EDI	YZH
P:7471B	460-78044-E-3-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-3-A		460-231883	460-231813	06/20/2014 10:25	1	TAL EDI	TJS
P:9012B	460-78044-F-3-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-3-D		460-232558	460-232505	06/24/2014 14:29	1	TAL EDI	HTV
A:Moisture	460-78044-F-3		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: 460-78044-4 **Client ID:** S-4

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-4-A		460-232119	460-231714	06/19/2014 15:24	1	TAL EDI	AVM
A:8260C	460-78044-B-4-A		460-232119	460-231714	06/22/2014 11:37	1	TAL EDI	AAT
P:3541	460-78044-F-4-A	DL	460-232407	460-231764	06/19/2014 20:28	50	TAL EDI	VNP
A:8270D	460-78044-F-4-A	DL	460-232407	460-231764	06/24/2014 14:54	50	TAL EDI	CAZ
P:3546	460-78044-F-4-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-4-C		460-231911	460-231796	06/20/2014 13:53	1	TAL EDI	TSF
P:3546	460-78044-F-4-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-4-B		460-231909	460-231790	06/20/2014 18:45	1	TAL EDI	CBB
P:3050B	460-78044-E-4-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-4-B ^4		460-232053	460-231816	06/20/2014 21:19	4	TAL EDI	YZH
P:7471B	460-78044-E-4-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-4-A		460-231883	460-231813	06/20/2014 10:32	1	TAL EDI	TJS
P:9012B	460-78044-F-4-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-4-D		460-232558	460-232505	06/24/2014 14:30	1	TAL EDI	HTV
A:Moisture	460-78044-F-4		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Lab ID: 460-78044-5 **Client ID:** S-5

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-5-A		460-232119	460-231714	06/19/2014 15:25	1	TAL EDI	AVM
A:8260C	460-78044-B-5-A		460-232119	460-231714	06/22/2014 12:01	1	TAL EDI	AAT
P:3541	460-78044-F-5-A		460-232407	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	460-78044-F-5-A		460-232407	460-231764	06/24/2014 12:26	1	TAL EDI	CAZ
P:3546	460-78044-F-5-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-5-C		460-231911	460-231796	06/20/2014 14:04	1	TAL EDI	TSF
P:3546	460-78044-F-5-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-5-B		460-231909	460-231790	06/20/2014 19:04	1	TAL EDI	CBB
P:3050B	460-78044-E-5-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-5-B ^4		460-232053	460-231816	06/20/2014 21:23	4	TAL EDI	YZH
P:7471B	460-78044-E-5-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-5-A		460-231883	460-231813	06/20/2014 10:34	1	TAL EDI	TJS
P:9012B	460-78044-F-5-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-5-D		460-232558	460-232505	06/24/2014 14:31	1	TAL EDI	HTV
A:Moisture	460-78044-F-5		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Lab ID: 460-78044-5 DU **Client ID:** S-5

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-78044-F-5 DU		460-231696		06/19/2014 14:30	1	TAL EDI	CJA

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: 460-78044-6 **Client ID:** S-6

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-6-A		460-232119	460-231714	06/19/2014 15:26	1	TAL EDI	AVM
A:8260C	460-78044-B-6-A		460-232119	460-231714	06/22/2014 12:26	1	TAL EDI	AAT
P:3541	460-78044-F-6-A		460-232560	460-231764	06/19/2014 20:28	2	TAL EDI	VNP
A:8270D	460-78044-F-6-A		460-232560	460-231764	06/25/2014 01:36	2	TAL EDI	CAZ
P:3546	460-78044-F-6-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-6-C		460-231911	460-231796	06/20/2014 14:16	1	TAL EDI	TSF
P:3546	460-78044-F-6-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-6-B		460-231909	460-231790	06/20/2014 19:23	1	TAL EDI	CBB
P:3050B	460-78044-E-6-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-6-B ^4		460-232053	460-231816	06/20/2014 21:26	4	TAL EDI	YZH
P:7471B	460-78044-E-6-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-6-A		460-231883	460-231813	06/20/2014 10:36	1	TAL EDI	TJS
P:9012B	460-78044-F-6-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-6-D		460-232558	460-232505	06/24/2014 14:32	1	TAL EDI	HTV
A:Moisture	460-78044-F-6		460-231718		06/19/2014 15:28	1	TAL EDI	CJA

Lab ID: 460-78044-7 **Client ID:** S-7

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-78044-B-7-A		460-232119	460-231714	06/19/2014 15:27	1	TAL EDI	AVM
A:8260C	460-78044-B-7-A		460-232119	460-231714	06/22/2014 12:50	1	TAL EDI	AAT
P:3541	460-78044-F-7-A		460-232407	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	460-78044-F-7-A		460-232407	460-231764	06/24/2014 11:37	1	TAL EDI	CAZ
P:3546	460-78044-F-7-C		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78044-F-7-C		460-231911	460-231796	06/20/2014 14:27	1	TAL EDI	TSF
P:3546	460-78044-F-7-B		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-78044-F-7-B		460-231909	460-231790	06/20/2014 19:42	1	TAL EDI	CBB
P:3050B	460-78044-E-7-B ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-78044-E-7-B ^4		460-232053	460-231816	06/20/2014 21:30	4	TAL EDI	YZH
P:7471B	460-78044-E-7-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	460-78044-E-7-A		460-231883	460-231813	06/20/2014 10:38	1	TAL EDI	TJS
P:9012B	460-78044-F-7-D		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	460-78044-F-7-D		460-232558	460-232505	06/24/2014 14:32	1	TAL EDI	HTV
A:Moisture	460-78044-F-7		460-231718		06/19/2014 15:28	1	TAL EDI	CJA

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: 460-78044-8 **Client ID:** TWP-1

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-78044-B-8		460-232261		06/23/2014 17:30	1	TAL EDI	CJM
A:8260C	460-78044-B-8		460-232261		06/23/2014 17:30	1	TAL EDI	CJM
P:5030C	460-78044-A-8		460-231807		06/20/2014 11:07	1	TAL EDI	CJM
A:8260C SIM	460-78044-A-8		460-231807		06/20/2014 11:07	1	TAL EDI	CJM
P:3510C	460-78044-F-8-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	460-78044-F-8-A		460-232192	460-231898	06/23/2014 10:03	1	TAL EDI	CAZ
P:3510C	460-78044-F-8-A		460-232519	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D SIM	460-78044-F-8-A		460-232519	460-231898	06/24/2014 14:35	1	TAL EDI	CAZ
P:3510C	460-78044-D-8-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	460-78044-D-8-A		460-232099	460-231851	06/21/2014 17:30	1	TAL EDI	TSF
P:3510C	460-78044-D-8-B	RA	460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	460-78044-D-8-B	RA	460-232274	460-231852	06/23/2014 07:29	1	TAL EDI	JHP
P:3010A	460-78044-H-8-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78044-H-8-A ^5		460-232799	460-231838	06/25/2014 18:41	5	TAL EDI	VAD
P:7470A	460-78044-H-8-B ^3		460-231974	460-231890	06/20/2014 12:42	3	TAL EDI	RBS
A:7470A	460-78044-H-8-B ^3		460-231974	460-231890	06/20/2014 16:48	3	TAL EDI	RBS
P:Distill/CN	460-78044-E-8-B		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-78044-E-8-B		460-232558	460-232529	06/24/2014 15:00	1	TAL EDI	HTV

Lab ID: 460-78044-9 **Client ID:** TWP-4

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-78044-B-9		460-232261		06/23/2014 17:50	1	TAL EDI	CJM
A:8260C	460-78044-B-9		460-232261		06/23/2014 17:50	1	TAL EDI	CJM
P:5030C	460-78044-A-9		460-231807		06/20/2014 11:32	1	TAL EDI	CJM
A:8260C SIM	460-78044-A-9		460-231807		06/20/2014 11:32	1	TAL EDI	CJM
P:3510C	460-78044-G-9-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	460-78044-G-9-A		460-232192	460-231898	06/23/2014 10:27	1	TAL EDI	CAZ
P:3510C	460-78044-G-9-A		460-232519	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D SIM	460-78044-G-9-A		460-232519	460-231898	06/24/2014 14:57	1	TAL EDI	CAZ
P:3510C	460-78044-D-9-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	460-78044-D-9-A		460-232099	460-231851	06/21/2014 17:42	1	TAL EDI	TSF
P:3510C	460-78044-D-9-B		460-232089	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	460-78044-D-9-B		460-232089	460-231852	06/21/2014 11:34	1	TAL EDI	JHP
P:3010A	460-78044-H-9-A ^25		460-232799	460-231838	06/20/2014 09:24	25	TAL EDI	QZY
A:6020	460-78044-H-9-A ^25		460-232799	460-231838	06/25/2014 18:09	25	TAL EDI	VAD
P:3010A	460-78044-H-9-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78044-H-9-A ^5		460-232799	460-231838	06/25/2014 18:14	5	TAL EDI	VAD
P:7470A	460-78044-H-9-B ^10		460-231974	460-231890	06/20/2014 12:42	10	TAL EDI	RBS
A:7470A	460-78044-H-9-B ^10		460-231974	460-231890	06/20/2014 16:50	10	TAL EDI	RBS
P:Distill/CN	460-78044-E-9-B		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-78044-E-9-B		460-232558	460-232529	06/24/2014 15:04	1	TAL EDI	HTV

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: **460-78044-10** **Client ID:** **TWP-5**

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-78044-C-10		460-232427		06/24/2014 13:32	1	TAL EDI	AAT
A:8260C	460-78044-C-10		460-232427		06/24/2014 13:32	1	TAL EDI	AAT
P:5030C	460-78044-A-10		460-231807		06/20/2014 11:58	1	TAL EDI	CJM
A:8260C SIM	460-78044-A-10		460-231807		06/20/2014 11:58	1	TAL EDI	CJM
P:3510C	460-78044-F-10-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	460-78044-F-10-A		460-232192	460-231898	06/23/2014 12:02	1	TAL EDI	CAZ
P:3510C	460-78044-F-10-A		460-232519	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D SIM	460-78044-F-10-A		460-232519	460-231898	06/24/2014 15:19	1	TAL EDI	CAZ
P:3510C	460-78044-D-10-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	460-78044-D-10-A		460-232099	460-231851	06/21/2014 17:53	1	TAL EDI	TSF
P:3510C	460-78044-D-10-B		460-232089	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	460-78044-D-10-B		460-232089	460-231852	06/21/2014 11:49	1	TAL EDI	JHP
P:3010A	460-78044-H-10-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78044-H-10-A ^5		460-232799	460-231838	06/25/2014 18:20	5	TAL EDI	VAD
P:3010A	460-78044-H-10-A ^50		460-232799	460-231838	06/20/2014 09:24	50	TAL EDI	QZY
A:6020	460-78044-H-10-A ^50		460-232799	460-231838	06/25/2014 18:25	50	TAL EDI	VAD
P:7470A	460-78044-H-10-B ^5		460-231974	460-231890	06/20/2014 12:42	5	TAL EDI	RBS
A:7470A	460-78044-H-10-B ^5		460-231974	460-231890	06/20/2014 16:51	5	TAL EDI	RBS
P:Distill/CN	460-78044-E-10-B		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-78044-E-10-B		460-232558	460-232529	06/24/2014 15:05	1	TAL EDI	HTV

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: **460-78044-11** **Client ID:** **TWP-7**

Sample Date/Time: 06/18/2014 00:00 Received Date/Time: 06/19/2014 12:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-78044-B-11		460-232261		06/23/2014 18:31	1	TAL EDI	CJM
A:8260C	460-78044-B-11		460-232261		06/23/2014 18:31	1	TAL EDI	CJM
P:5030C	460-78044-A-11		460-231807		06/20/2014 12:24	1	TAL EDI	CJM
A:8260C SIM	460-78044-A-11		460-231807		06/20/2014 12:24	1	TAL EDI	CJM
P:3510C	460-78044-F-11-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	460-78044-F-11-A		460-232192	460-231898	06/23/2014 12:26	1	TAL EDI	CAZ
P:3510C	460-78044-F-11-A		460-232632	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D SIM	460-78044-F-11-A		460-232632	460-231898	06/25/2014 04:06	1	TAL EDI	CAZ
P:3510C	460-78044-D-11-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	460-78044-D-11-A		460-232099	460-231851	06/21/2014 18:05	1	TAL EDI	TSF
P:3510C	460-78044-D-11-B	RA	460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	460-78044-D-11-B	RA	460-232274	460-231852	06/23/2014 07:43	1	TAL EDI	JHP
P:3010A	460-78044-H-11-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78044-H-11-A ^5		460-232799	460-231838	06/25/2014 18:30	5	TAL EDI	VAD
P:3010A	460-78044-H-11-A ^20		460-232799	460-231838	06/20/2014 09:24	20	TAL EDI	QZY
A:6020	460-78044-H-11-A ^20		460-232799	460-231838	06/25/2014 18:36	20	TAL EDI	VAD
P:7470A	460-78044-H-11-B ^10		460-231974	460-231890	06/20/2014 12:42	10	TAL EDI	RBS
A:7470A	460-78044-H-11-B ^10		460-231974	460-231890	06/20/2014 16:53	10	TAL EDI	RBS
P:Distill/CN	460-78044-E-11-B		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-78044-E-11-B		460-232558	460-232529	06/24/2014 15:06	1	TAL EDI	HTV

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

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:8260C	MB 460-232119/6		460-232119		06/22/2014 08:45	1	TAL EDI	AAT
P:5030C	MB 460-232261/7		460-232261		06/23/2014 09:53	1	TAL EDI	CJM
A:8260C	MB 460-232261/7		460-232261		06/23/2014 09:53	1	TAL EDI	CJM
P:5030C	MB 460-232427/6		460-232427		06/24/2014 06:54	1	TAL EDI	AAT
A:8260C	MB 460-232427/6		460-232427		06/24/2014 06:54	1	TAL EDI	AAT
A:8260C	MB 460-232468/7		460-232468		06/24/2014 13:32	50	TAL EDI	EMM
P:5030C	MB 460-231807/8		460-231807		06/20/2014 08:55	1	TAL EDI	CJM
A:8260C SIM	MB 460-231807/8		460-231807		06/20/2014 08:55	1	TAL EDI	CJM
P:3510C	MB 460-231898/1-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	MB 460-231898/1-A		460-232192	460-231898	06/23/2014 10:51	1	TAL EDI	CAZ
P:3541	MB 460-231764/1-A		460-232407	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	MB 460-231764/1-A		460-232407	460-231764	06/24/2014 04:42	1	TAL EDI	CAZ
P:3510C	MB 460-231898/1-A		460-232519	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D SIM	MB 460-231898/1-A		460-232519	460-231898	06/24/2014 14:12	1	TAL EDI	CAZ
P:3546	MB 460-231796/1-A		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	MB 460-231796/1-A		460-231911	460-231796	06/20/2014 12:32	1	TAL EDI	TSF
P:3510C	MB 460-231851/1-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	MB 460-231851/1-A		460-232099	460-231851	06/21/2014 16:32	1	TAL EDI	TSF
P:3546	MB 460-231790/1-A		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	MB 460-231790/1-A		460-231909	460-231790	06/20/2014 14:18	1	TAL EDI	CBB
P:3510C	MB 460-231852/1-A		460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	MB 460-231852/1-A		460-232274	460-231852	06/23/2014 08:42	1	TAL EDI	JHP
P:3510C	MB 460-231852/1-A	RA	460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	MB 460-231852/1-A	RA	460-232274	460-231852	06/23/2014 09:37	1	TAL EDI	JHP
P:3050B	MB 460-231816/1-A ^2		460-232053	460-231816	06/20/2014 07:12	2	TAL EDI	MDC
A:6010C	MB 460-231816/1-A ^2		460-232053	460-231816	06/20/2014 20:01	2	TAL EDI	YZH
P:3010A	MB 460-231838/1-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	MB 460-231838/1-A ^5		460-232799	460-231838	06/25/2014 15:35	5	TAL EDI	VAD
P:7470A	MB 460-231890/1-A		460-231974	460-231890	06/20/2014 12:42	1	TAL EDI	RBS
A:7470A	MB 460-231890/1-A		460-231974	460-231890	06/20/2014 15:50	1	TAL EDI	RBS
P:7471B	MB 460-231813/10-A		460-231883	460-231813	06/20/2014 06:00	1	TAL EDI	TJS
A:7471B	MB 460-231813/10-A		460-231883	460-231813	06/20/2014 10:04	1	TAL EDI	TJS
P:Distill/CN	MB 460-232529/1-A		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	MB 460-232529/1-A		460-232558	460-232529	06/24/2014 14:42	1	TAL EDI	HTV
P:9012B	MB 460-232505/1-A		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	MB 460-232505/1-A		460-232558	460-232505	06/24/2014 14:05	1	TAL EDI	HTV

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: LB3 **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:5035	LB3 460-231714/1-A		460-232119	460-231714	06/19/2014 15:19	1	TAL EDI	AVM
A:8260C	LB3 460-231714/1-A		460-232119	460-231714	06/22/2014 10:24	1	TAL EDI	AAT

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:8260C	LCS 460-232119/3		460-232119		06/22/2014 07:14	1	TAL EDI	AAT
P:5030C	LCS 460-232261/4		460-232261		06/23/2014 08:39	1	TAL EDI	CJM
A:8260C	LCS 460-232261/4		460-232261		06/23/2014 08:39	1	TAL EDI	CJM
P:5030C	LCS 460-232427/3		460-232427		06/24/2014 05:45	1	TAL EDI	AAT
A:8260C	LCS 460-232427/3		460-232427		06/24/2014 05:45	1	TAL EDI	AAT
A:8260C	LCS 460-232468/4		460-232468		06/24/2014 12:17	50	TAL EDI	EMM
P:5030C	LCS 460-231807/4		460-231807		06/20/2014 07:04	1	TAL EDI	CJM
A:8260C SIM	LCS 460-231807/4		460-231807		06/20/2014 07:04	1	TAL EDI	CJM
P:3510C	LCS 460-231898/4-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	LCS 460-231898/4-A		460-232192	460-231898	06/23/2014 09:15	1	TAL EDI	CAZ
P:3510C	LCS 460-231898/2-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	LCS 460-231898/2-A		460-232192	460-231898	06/23/2014 11:14	1	TAL EDI	CAZ
P:3541	LCS 460-231764/3-A		460-232407	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	LCS 460-231764/3-A		460-232407	460-231764	06/24/2014 05:31	1	TAL EDI	CAZ
P:3541	LCS 460-231764/2-A		460-232407	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	LCS 460-231764/2-A		460-232407	460-231764	06/24/2014 10:49	1	TAL EDI	CAZ
P:3546	LCS 460-231796/2-A		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	LCS 460-231796/2-A		460-231911	460-231796	06/20/2014 12:44	1	TAL EDI	TSF
P:3510C	LCS 460-231851/2-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	LCS 460-231851/2-A		460-232099	460-231851	06/21/2014 16:44	1	TAL EDI	TSF
P:3546	LCS 460-231790/2-A		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	LCS 460-231790/2-A		460-231909	460-231790	06/20/2014 14:37	1	TAL EDI	CBB
P:3510C	LCS 460-231852/2-A		460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	LCS 460-231852/2-A		460-232274	460-231852	06/23/2014 08:27	1	TAL EDI	JHP
P:3510C	LCS 460-231852/2-A	RA	460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	LCS 460-231852/2-A	RA	460-232274	460-231852	06/23/2014 09:12	1	TAL EDI	JHP
P:3010A	LCS 460-231838/2-A ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	LCS 460-231838/2-A ^5		460-232799	460-231838	06/25/2014 15:40	5	TAL EDI	VAD
P:7470A	LCS 460-231890/2-A		460-231974	460-231890	06/20/2014 12:42	1	TAL EDI	RBS
A:7470A	LCS 460-231890/2-A		460-231974	460-231890	06/20/2014 15:52	1	TAL EDI	RBS

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: LCSD **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:8260C	LCSD 460-232119/4		460-232119		06/22/2014 07:38	1	TAL EDI	AAT
A:8260C	LCSD 460-232468/5		460-232468		06/24/2014 12:42	50	TAL EDI	EMM
P:5030C	LCSD 460-231807/5		460-231807		06/20/2014 07:30	1	TAL EDI	CJM
A:8260C SIM	LCSD 460-231807/5		460-231807		06/20/2014 07:30	1	TAL EDI	CJM
P:3510C	LCSD 460-231898/5-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	LCSD 460-231898/5-A		460-232192	460-231898	06/23/2014 09:39	1	TAL EDI	CAZ
P:3510C	LCSD 460-231898/3-A		460-232192	460-231898	06/20/2014 13:06	1	TAL EDI	WAT
A:8270D	LCSD 460-231898/3-A		460-232192	460-231898	06/23/2014 14:24	1	TAL EDI	CAZ
P:3510C	LCSD 460-231851/3-A		460-232099	460-231851	06/20/2014 10:09	1	TAL EDI	HAW
A:8081B	LCSD 460-231851/3-A		460-232099	460-231851	06/21/2014 16:56	1	TAL EDI	TSF
P:3510C	LCSD 460-231852/3-A		460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	LCSD 460-231852/3-A		460-232274	460-231852	06/23/2014 08:13	1	TAL EDI	JHP
P:3510C	LCSD 460-231852/3-A	RA	460-232274	460-231852	06/20/2014 10:16	1	TAL EDI	HAW
A:8082A	LCSD 460-231852/3-A	RA	460-232274	460-231852	06/23/2014 08:57	1	TAL EDI	JHP

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 460-231816/2-A		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	LCSSRM 460-231816/2-A		460-232053	460-231816	06/20/2014 20:16	4	TAL EDI	YZH
P:7471B	LCSSRM 460-231813/11-A ^50		460-231883	460-231813	06/20/2014 06:00	50	TAL EDI	TJS
A:7471B	LCSSRM 460-231813/11-A ^50		460-231883	460-231813	06/20/2014 10:06	50	TAL EDI	TJS

Lab ID: LLCS **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:9012B	LLCS 460-232505/2-A		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	LLCS 460-232505/2-A		460-232558	460-232505	06/24/2014 14:06	1	TAL EDI	HTV

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: HLCS **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:Distill/CN	HLCS 460-232529/2-A		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	HLCS 460-232529/2-A		460-232558	460-232529	06/24/2014 14:43	1	TAL EDI	HTV
P:9012B	HLCS 460-232505/3-A		460-232558	460-232505	06/24/2014 07:00	1	TAL EDI	IAA
A:9012B	HLCS 460-232505/3-A		460-232558	460-232505	06/24/2014 14:07	1	TAL EDI	HTV

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 06/17/2014 15:45 Received Date/Time: 06/17/2014 18:04

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-77918-C-6 MS		460-232261		06/23/2014 13:49	10	TAL EDI	CJM
A:8260C	460-77918-C-6 MS		460-232261		06/23/2014 13:49	10	TAL EDI	CJM
P:5030C	460-77788-B-1 MS		460-232427		06/24/2014 12:00	10	TAL EDI	AAT
A:8260C	460-77788-B-1 MS		460-232427		06/24/2014 12:00	10	TAL EDI	AAT
P:3541	460-77914-E-3-A MS		460-232560	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	460-77914-E-3-A MS		460-232560	460-231764	06/25/2014 02:25	1	TAL EDI	CAZ
P:3546	460-78073-E-5-C MS		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78073-E-5-C MS		460-231911	460-231796	06/20/2014 12:55	1	TAL EDI	TSF
P:3546	460-77236-A-1-B MS		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-77236-A-1-B MS		460-231909	460-231790	06/20/2014 14:56	1	TAL EDI	CBB
P:3050B	460-77665-A-5-D MS ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-77665-A-5-D MS ^4		460-232053	460-231816	06/20/2014 20:30	4	TAL EDI	YZH
P:3010A	460-78073-N-2-C MS ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78073-N-2-C MS ^5		460-232799	460-231838	06/25/2014 15:51	5	TAL EDI	VAD
P:7470A	460-77951-H-1-D MS		460-231974	460-231890	06/20/2014 12:42	1	TAL EDI	RBS
A:7470A	460-77951-H-1-D MS		460-231974	460-231890	06/20/2014 15:58	1	TAL EDI	RBS
P:7471B	460-77502-D-10-I MS		460-231883	460-231813	06/20/2014 06:00	20	TAL EDI	TJS
A:7471B	460-77502-D-10-I MS		460-231883	460-231813	06/20/2014 10:15	20	TAL EDI	TJS
P:Distill/CN	460-77959-F-2-C MS		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-77959-F-2-C MS		460-232558	460-232529	06/24/2014 14:58	1	TAL EDI	HTV

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 06/17/2014 15:45 Received Date/Time: 06/17/2014 18:04

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-77918-C-6 MSD		460-232261		06/23/2014 14:10	10	TAL EDI	CJM
A:8260C	460-77918-C-6 MSD		460-232261		06/23/2014 14:10	10	TAL EDI	CJM
P:5030C	460-77788-B-1 MSD		460-232427		06/24/2014 12:23	10	TAL EDI	AAT
A:8260C	460-77788-B-1 MSD		460-232427		06/24/2014 12:23	10	TAL EDI	AAT
P:3541	460-77914-E-3-B MSD		460-232560	460-231764	06/19/2014 20:28	1	TAL EDI	VNP
A:8270D	460-77914-E-3-B MSD		460-232560	460-231764	06/25/2014 02:50	1	TAL EDI	CAZ
P:3546	460-78073-E-5-D MSD		460-231911	460-231796	06/20/2014 03:13	1	TAL EDI	ARA
A:8081B	460-78073-E-5-D MSD		460-231911	460-231796	06/20/2014 13:07	1	TAL EDI	TSF
P:3546	460-77236-A-1-C MSD		460-231909	460-231790	06/20/2014 02:54	1	TAL EDI	ARA
A:8082A	460-77236-A-1-C MSD		460-231909	460-231790	06/20/2014 15:15	1	TAL EDI	CBB
P:Distill/CN	460-77959-F-2-D MSD		460-232558	460-232529	06/24/2014 11:30	1	TAL EDI	IAA
A:335.4	460-77959-F-2-D MSD		460-232558	460-232529	06/24/2014 14:59	1	TAL EDI	HTV

Lab ID: DU **Client ID: N/A**

Sample Date/Time: 06/12/2014 09:45 Received Date/Time: 06/12/2014 14:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-77665-A-5-C DU ^4		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-77665-A-5-C DU ^4		460-232053	460-231816	06/20/2014 20:19	4	TAL EDI	YZH
P:3010A	460-78073-N-2-B DU ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78073-N-2-B DU ^5		460-232799	460-231838	06/25/2014 15:57	5	TAL EDI	VAD
P:7470A	460-77951-H-1-C DU		460-231974	460-231890	06/20/2014 12:42	1	TAL EDI	RBS
A:7470A	460-77951-H-1-C DU		460-231974	460-231890	06/20/2014 15:56	1	TAL EDI	RBS
P:7471B	460-77502-D-10-H DU		460-231883	460-231813	06/20/2014 06:00	20	TAL EDI	TJS
A:7471B	460-77502-D-10-H DU		460-231883	460-231813	06/20/2014 10:13	20	TAL EDI	TJS
A:Moisture	460-78061-A-6 DU		460-231718		06/19/2014 15:28	1	TAL EDI	CJA

Client: Hillmann Consulting LLC Job Number: 460-78044-1

Laboratory Chronicle

Lab ID: **SD** **Client ID:** **N/A**

Sample Date/Time: 06/12/2014 09:45 Received Date/Time: 06/12/2014 14:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-77665-A-5-B SD ^2		460-232053	460-231816	06/20/2014 07:12	20	TAL EDI	MDC
A:6010C	460-77665-A-5-B SD ^2		460-232053	460-231816	06/20/2014 20:26	20	TAL EDI	YZH
P:3050B	460-77665-A-5-B PDS		460-232053	460-231816	06/20/2014 07:12	4	TAL EDI	MDC
A:6010C	460-77665-A-5-B PDS		460-232053	460-231816	06/20/2014 20:33	4	TAL EDI	YZH
P:3010A	460-78073-N-2-A PDS ^5		460-232799	460-231838	06/20/2014 09:24	5	TAL EDI	QZY
A:6020	460-78073-N-2-A PDS ^5		460-232799	460-231838	06/25/2014 15:46	5	TAL EDI	VAD
P:3010A	460-78073-N-2-A SD ^25		460-232799	460-231838	06/20/2014 09:24	25	TAL EDI	QZY
A:6020	460-78073-N-2-A SD ^25		460-232799	460-231838	06/25/2014 16:08	25	TAL EDI	VAD
P:7470A	460-77951-H-1-B SD ^5		460-231974	460-231890	06/20/2014 12:42	5	TAL EDI	RBS
A:7470A	460-77951-H-1-B SD ^5		460-231974	460-231890	06/20/2014 16:00	5	TAL EDI	RBS
P:7471B	460-77502-D-10-G SD		460-231883	460-231813	06/20/2014 06:00	100	TAL EDI	TJS
A:7471B	460-77502-D-10-G SD		460-231883	460-231813	06/20/2014 11:09	100	TAL EDI	TJS

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
S-1	460-78044-1	97	91	91	82
S-2	460-78044-2	101	95	90	87
S-4	460-78044-4	100	94	88	83
S-5	460-78044-5	33 X	87	91	90
S-6	460-78044-6	100	93	92	82
S-7	460-78044-7	99	92	89	86
	MB 460-232119/6	101	102	94	93
	LB3 460-231714/1-A	95	88	89	85
	LCS 460-232119/3	88	86	89	88
	LCSD 460-232119/4	88	89	90	88

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
S-3	460-78044-3	77	78	75	82
	MB 460-232468/7	98	96	94	102
	LCS 460-232468/4	102	96	97	106
	LCSD 460-232468/5	102	98	97	103

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TWP-1	460-78044-8	99	94	96	103
TWP-4	460-78044-9	93	88	89	90
TWP-5	460-78044-10	93	94	96	92
TWP-7	460-78044-11	103	99	100	105
	MB 460-232261/7	89	89	90	91
	MB 460-232427/6	107	112	110	100
	LCS 460-232261/4	87	89	92	89
	LCS 460-232427/3	97	94	102	98
	460-77918-C-6 MS	102	96	106	105
	460-77788-B-1 MS	97	93	99	99
	460-77918-C-6 MSD	101	97	101	105
	460-77788-B-1 MSD	96	92	100	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K28513.D

Lab ID: LCS 460-232119/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.9	80	48-144	
Bromomethane	20.0	15.7	79	62-150	
Vinyl chloride	20.0	16.7	83	62-132	
Chloroethane	20.0	17.0	85	60-140	
Methylene Chloride	20.0	19.2	96	75-124	
Trichlorofluoromethane	20.0	16.4	82	63-147	
Acetone	100	83.4	83	58-139	
Carbon disulfide	20.0	18.9	94	73-127	
1,1-Dichloroethene	20.0	18.5	93	74-128	
1,1-Dichloroethane	20.0	19.2	96	78-125	
cis-1,2-Dichloroethene	20.0	18.9	95	82-121	
trans-1,2-Dichloroethene	20.0	19.2	96	83-124	
Chloroform	20.0	18.7	93	77-122	
1,2-Dichloroethane	20.0	19.2	96	79-120	
2-Butanone	100	89.5	90	58-140	
1,1,1-Trichloroethane	20.0	18.7	94	82-129	
m&p-Xylene	20.0	18.9	94	79-120	
Carbon tetrachloride	20.0	18.9	95	77-137	
o-Xylene	20.0	19.2	96	77-120	
Cyclohexane	20.0	20.1	100	66-128	
MTBE	20.0	20.7	104	75-124	
Freon TF	20.0	18.4	92	73-134	
Benzene	20.0	19.4	97	75-123	
Methyl acetate	100	110	110	61-137	
Bromoform	20.0	18.6	93	70-130	
Trichloroethene	20.0	18.3	92	78-122	
Isopropylbenzene	20.0	19.9	100	80-120	
trans-1,3-Dichloropropene	20.0	18.9	95	74-119	
2-Hexanone	100	107	107	52-134	
4-Methyl-2-pentanone	100	112	112	55-133	
cis-1,3-Dichloropropene	20.0	19.2	96	75-119	
Toluene	20.0	18.8	94	82-117	
Chlorobenzene	20.0	18.6	93	80-120	
Ethylbenzene	20.0	18.5	92	80-120	
1,2-Dichloropropane	20.0	18.4	92	72-123	
Methylcyclohexane	20.0	19.6	98	80-125	
Styrene	20.0	19.1	96	78-120	
Tetrachloroethene	20.0	18.3	91	80-127	
1,2-Dibromo-3-Chloropropane	20.0	23.2	116	61-125	
1,1,2,2-Tetrachloroethane	20.0	20.5	103	66-121	
1,3-Dichlorobenzene	20.0	19.2	96	78-120	
1,1,2-Trichloroethane	20.0	18.7	94	74-116	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K28513.D

Lab ID: LCS 460-232119/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	18.8	94	77-120	
1,2-Dichlorobenzene	20.0	19.4	97	77-120	
Dibromochloromethane	20.0	18.9	94	74-124	
1,2,4-Trichlorobenzene	20.0	19.3	97	81-127	
Dichlorodifluoromethane	20.0	15.7	79	52-145	
Bromodichloromethane	20.0	18.4	92	77-122	
1,2-Dibromoethane	20.0	19.0	95	78-117	
1,4-Dioxane	400	400	100	69-142	
1,2,3-Trichlorobenzene	20.0	19.3	97	81-123	
Bromochloromethane	20.0	18.6	93	82-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05240.D

Lab ID: LCS 460-232261/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.9	89	43-145	
Bromomethane	20.0	16.4	82	27-150	
Vinyl chloride	20.0	16.6	83	56-137	
Chloroethane	20.0	16.1	81	58-145	
Methylene Chloride	20.0	16.0	80	76-123	
Trichlorofluoromethane	20.0	15.6	78	65-142	
Acetone	100	85.4	85	26-150	
Carbon disulfide	20.0	15.1	75	61-126	
1,1-Dichloroethene	20.0	15.3	77	71-123	
1,1-Dichloroethane	20.0	17.7	88	75-126	
cis-1,2-Dichloroethene	20.0	16.3	81	78-121	
trans-1,2-Dichloroethene	20.0	16.7	84	79-120	
Chloroform	20.0	16.2	81	81-122	
1,2-Dichloroethane	20.0	17.0	85	75-127	
2-Butanone	100	91.0	91	52-140	
1,1,1-Trichloroethane	20.0	15.9	80	73-134	
Carbon tetrachloride	20.0	16.1	81	58-150	
Cyclohexane	20.0	18.7	93	62-135	
MTBE	20.0	16.6	83	73-125	
Freon TF	20.0	16.3	82	60-144	
Benzene	20.0	17.4	87	69-125	
Methyl acetate	100	85.9	86	62-140	
Bromoform	20.0	16.5	83	50-134	
Trichloroethene	20.0	17.9	90	74-120	
Isopropylbenzene	20.0	17.8	89	74-127	
trans-1,3-Dichloropropene	20.0	18.6	93	71-123	
2-Hexanone	100	105	105	49-131	
4-Methyl-2-pentanone	100	106	106	56-132	
cis-1,3-Dichloropropene	20.0	18.0	90	71-120	
Toluene	20.0	17.2	86	78-120	
Chlorobenzene	20.0	16.7	83	77-120	
Ethylbenzene	20.0	16.6	83	74-120	
1,2-Dichloropropane	20.0	17.0	85	70-120	
Methylcyclohexane	20.0	19.0	95	64-136	
Xylenes, Total	40.0	33.9	85	73-122	
Styrene	20.0	16.4	82	76-120	
Tetrachloroethene	20.0	17.0	85	70-136	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	55-133	
1,3-Dichlorobenzene	20.0	17.7	89	75-120	
1,1,2-Trichloroethane	20.0	17.4	87	68-121	
1,4-Dichlorobenzene	20.0	17.6	88	75-120	
1,2-Dichlorobenzene	20.0	16.8	84	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05240.D

Lab ID: LCS 460-232261/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dibromochloromethane	20.0	16.5	82	63-131	
1,2,4-Trichlorobenzene	20.0	18.5	93	76-129	
Dichlorodifluoromethane	20.0	15.7	78	40-150	
Bromodichloromethane	20.0	16.7	83	72-123	
1,2,3-Trichlorobenzene	20.0	20.3	102	72-135	
Bromochloromethane	20.0	16.5	82	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69902.D

Lab ID: LCS 460-232427/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.0	95	43-145	
Bromomethane	20.0	18.2	91	27-150	
Vinyl chloride	20.0	19.9	99	56-137	
Chloroethane	20.0	20.5	103	58-145	
Methylene Chloride	20.0	19.8	99	76-123	
Trichlorofluoromethane	20.0	18.0	90	65-142	
Acetone	100	99.6	100	26-150	
Carbon disulfide	20.0	19.0	95	61-126	
1,1-Dichloroethene	20.0	19.1	95	71-123	
1,1-Dichloroethane	20.0	18.7	93	75-126	
cis-1,2-Dichloroethene	20.0	20.1	101	78-121	
trans-1,2-Dichloroethene	20.0	18.7	94	79-120	
Chloroform	20.0	19.2	96	81-122	
1,2-Dichloroethane	20.0	19.3	97	75-127	
2-Butanone	100	92.1	92	52-140	
1,1,1-Trichloroethane	20.0	18.5	92	73-134	
Carbon tetrachloride	20.0	17.7	89	58-150	
Cyclohexane	20.0	19.1	96	62-135	
MTBE	20.0	21.5	107	73-125	
Freon TF	20.0	18.5	93	60-144	
Benzene	20.0	20.7	104	69-125	
Methyl acetate	100	109	109	62-140	
Bromoform	20.0	19.5	97	50-134	
Trichloroethene	20.0	19.3	96	74-120	
Isopropylbenzene	20.0	21.3	107	74-127	
trans-1,3-Dichloropropene	20.0	18.4	92	71-123	
2-Hexanone	100	113	113	49-131	
4-Methyl-2-pentanone	100	111	111	56-132	
cis-1,3-Dichloropropene	20.0	20.2	101	71-120	
Toluene	20.0	20.0	100	78-120	
Chlorobenzene	20.0	19.6	98	77-120	
Ethylbenzene	20.0	20.1	101	74-120	
1,2-Dichloropropane	20.0	18.1	90	70-120	
Methylcyclohexane	20.0	19.6	98	64-136	
Xylenes, Total	40.0	41.3	103	73-122	
Styrene	20.0	21.1	106	76-120	
Tetrachloroethene	20.0	20.0	100	70-136	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	55-133	
1,3-Dichlorobenzene	20.0	20.8	104	75-120	
1,1,2-Trichloroethane	20.0	21.3	106	68-121	
1,4-Dichlorobenzene	20.0	19.7	99	75-120	
1,2-Dichlorobenzene	20.0	20.9	104	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69902.D

Lab ID: LCS 460-232427/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dibromochloromethane	20.0	19.9	100	63-131	
1,2,4-Trichlorobenzene	20.0	20.3	101	76-129	
Dichlorodifluoromethane	20.0	17.3	87	40-150	
Bromodichloromethane	20.0	18.0	90	72-123	
1,2,3-Trichlorobenzene	20.0	22.5	112	72-135	
Bromochloromethane	20.0	20.7	104	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J14657.D

Lab ID: LCS 460-232468/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	974	97	50-144	
Bromomethane	1000	1210	121	10-150	
Vinyl chloride	1000	996	100	59-140	
Chloroethane	1000	1580	158	53-150	*
Methylene Chloride	1000	911	91	72-126	
Trichlorofluoromethane	1000	1120	112	52-146	
Acetone	5000	6730	135	46-150	
Carbon disulfide	1000	902	90	60-132	
1,1-Dichloroethene	1000	950	95	66-135	
1,1-Dichloroethane	1000	940	94	78-125	
cis-1,2-Dichloroethene	1000	919	92	81-122	
trans-1,2-Dichloroethene	1000	945	94	76-125	
Chloroform	1000	967	97	80-120	
1,2-Dichloroethane	1000	938	94	77-121	
2-Butanone	5000	6350	127	69-138	
1,1,1-Trichloroethane	1000	924	92	75-125	
m&p-Xylene	1000	899	90	80-120	
Carbon tetrachloride	1000	864	86	63-131	
o-Xylene	1000	906	91	80-120	
Cyclohexane	1000	884	88	58-142	
MTBE	1000	899	90	68-128	
Freon TF	1000	1070	107	51-145	
Benzene	1000	1000	100	74-126	
Methyl acetate	5000	4830	97	60-139	
Bromoform	1000	929	93	49-131	
Trichloroethene	1000	955	95	79-120	
Isopropylbenzene	1000	941	94	78-129	
trans-1,3-Dichloropropene	1000	844	84	70-125	
2-Hexanone	5000	6320	126	54-145	
4-Methyl-2-pentanone	5000	4880	98	58-140	
cis-1,3-Dichloropropene	1000	880	88	76-124	
Toluene	1000	993	99	79-121	
Chlorobenzene	1000	972	97	80-120	
Ethylbenzene	1000	932	93	80-120	
1,2-Dichloropropane	1000	879	88	75-126	
Methylcyclohexane	1000	829	83	54-150	
Styrene	1000	930	93	80-120	
Tetrachloroethene	1000	1060	106	78-125	
1,2-Dibromo-3-Chloropropane	1000	918	92	57-128	
1,1,2,2-Tetrachloroethane	1000	953	95	69-128	
1,3-Dichlorobenzene	1000	997	100	80-120	
1,1,2-Trichloroethane	1000	948	95	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J14657.D

Lab ID: LCS 460-232468/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	1000	996	100	80-120	
1,2-Dichlorobenzene	1000	1030	103	80-120	
Dibromochloromethane	1000	982	98	63-124	
1,2,4-Trichlorobenzene	1000	1080	108	67-135	
Dichlorodifluoromethane	1000	870	87	37-143	
Bromodichloromethane	1000	916	92	75-119	
1,2-Dibromoethane	1000	953	95	80-120	
1,4-Dioxane	20000	35800	179	50-150	*
1,2,3-Trichlorobenzene	1000	1100	110	60-144	
Bromochloromethane	1000	1010	101	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K28514.D

Lab ID: LCSD 460-232119/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.7	84	5	30	48-144	
Bromomethane	20.0	16.2	81	3	30	62-150	
Vinyl chloride	20.0	17.5	87	5	30	62-132	
Chloroethane	20.0	16.9	84	0	30	60-140	
Methylene Chloride	20.0	18.9	95	2	30	75-124	
Trichlorofluoromethane	20.0	16.7	84	2	30	63-147	
Acetone	100	74.9	75	11	30	58-139	
Carbon disulfide	20.0	17.7	89	6	30	73-127	
1,1-Dichloroethene	20.0	17.8	89	4	30	74-128	
1,1-Dichloroethane	20.0	18.7	93	3	30	78-125	
cis-1,2-Dichloroethene	20.0	18.3	92	3	30	82-121	
trans-1,2-Dichloroethene	20.0	18.9	94	2	30	83-124	
Chloroform	20.0	18.6	93	0	30	77-122	
1,2-Dichloroethane	20.0	18.9	95	1	30	79-120	
2-Butanone	100	83.7	84	7	30	58-140	
1,1,1-Trichloroethane	20.0	18.4	92	2	30	82-129	
m&p-Xylene	20.0	18.4	92	2	30	79-120	
Carbon tetrachloride	20.0	18.2	91	4	30	77-137	
o-Xylene	20.0	19.1	96	0	30	77-120	
Cyclohexane	20.0	19.4	97	3	30	66-128	
MTBE	20.0	20.7	104	0	30	75-124	
Freon TF	20.0	17.7	89	4	30	73-134	
Benzene	20.0	19.3	96	1	30	75-123	
Methyl acetate	100	117	117	7	30	61-137	
Bromoform	20.0	19.4	97	4	30	70-130	
Trichloroethene	20.0	18.1	90	1	30	78-122	
Isopropylbenzene	20.0	19.6	98	1	30	80-120	
trans-1,3-Dichloropropene	20.0	18.8	94	1	30	74-119	
2-Hexanone	100	116	116	8	30	52-134	
4-Methyl-2-pentanone	100	119	119	7	30	55-133	
cis-1,3-Dichloropropene	20.0	18.8	94	2	30	75-119	
Toluene	20.0	18.6	93	2	30	82-117	
Chlorobenzene	20.0	18.3	91	2	30	80-120	
Ethylbenzene	20.0	18.1	91	2	30	80-120	
1,2-Dichloropropane	20.0	18.0	90	2	30	72-123	
Methylcyclohexane	20.0	19.1	95	3	30	80-125	
Styrene	20.0	19.0	95	1	30	78-120	
Tetrachloroethene	20.0	18.2	91	0	30	80-127	
1,2-Dibromo-3-Chloropropane	20.0	24.2	121	4	30	61-125	
1,1,2,2-Tetrachloroethane	20.0	21.3	106	4	30	66-121	
1,3-Dichlorobenzene	20.0	18.9	95	1	30	78-120	
1,1,2-Trichloroethane	20.0	19.3	96	3	30	74-116	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K28514.D

Lab ID: LCSD 460-232119/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	18.3	92	3	30	77-120	
1,2-Dichlorobenzene	20.0	19.1	95	2	30	77-120	
Dibromochloromethane	20.0	18.9	94	0	30	74-124	
1,2,4-Trichlorobenzene	20.0	19.0	95	2	30	81-127	
Dichlorodifluoromethane	20.0	15.9	79	1	30	52-145	
Bromodichloromethane	20.0	18.1	90	2	30	77-122	
1,2-Dibromoethane	20.0	18.9	95	0	30	78-117	
1,4-Dioxane	400	391	98	2	30	69-142	
1,2,3-Trichlorobenzene	20.0	19.1	96	1	30	81-123	
Bromochloromethane	20.0	18.5	93	1	30	82-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J14658.D

Lab ID: LCSD 460-232468/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	921	92	6	30	50-144	
Bromomethane	1000	1120	112	7	30	10-150	
Vinyl chloride	1000	916	92	8	30	59-140	
Chloroethane	1000	1410	141	12	30	53-150	
Methylene Chloride	1000	923	92	1	30	72-126	
Trichlorofluoromethane	1000	1040	104	7	30	52-146	
Acetone	5000	6460	129	4	30	46-150	
Carbon disulfide	1000	882	88	2	30	60-132	
1,1-Dichloroethene	1000	926	93	2	30	66-135	
1,1-Dichloroethane	1000	908	91	3	30	78-125	
cis-1,2-Dichloroethene	1000	908	91	1	30	81-122	
trans-1,2-Dichloroethene	1000	926	93	2	30	76-125	
Chloroform	1000	960	96	1	30	80-120	
1,2-Dichloroethane	1000	950	95	1	30	77-121	
2-Butanone	5000	6250	125	2	30	69-138	
1,1,1-Trichloroethane	1000	922	92	0	30	75-125	
m&p-Xylene	1000	869	87	3	30	80-120	
Carbon tetrachloride	1000	875	87	1	30	63-131	
o-Xylene	1000	913	91	1	30	80-120	
Cyclohexane	1000	874	87	1	30	58-142	
MTBE	1000	882	88	2	30	68-128	
Freon TF	1000	1070	107	0	30	51-145	
Benzene	1000	969	97	3	30	74-126	
Methyl acetate	5000	4890	98	1	30	60-139	
Bromoform	1000	965	97	4	30	49-131	
Trichloroethene	1000	932	93	2	30	79-120	
Isopropylbenzene	1000	893	89	5	30	78-129	
trans-1,3-Dichloropropene	1000	838	84	1	30	70-125	
2-Hexanone	5000	6110	122	3	30	54-145	
4-Methyl-2-pentanone	5000	4770	95	2	30	58-140	
cis-1,3-Dichloropropene	1000	867	87	1	30	76-124	
Toluene	1000	953	95	4	30	79-121	
Chlorobenzene	1000	936	94	4	30	80-120	
Ethylbenzene	1000	880	88	6	30	80-120	
1,2-Dichloropropane	1000	880	88	0	30	75-126	
Methylcyclohexane	1000	820	82	1	30	54-150	
Styrene	1000	878	88	6	30	80-120	
Tetrachloroethene	1000	1030	103	3	30	78-125	
1,2-Dibromo-3-Chloropropane	1000	842	84	9	30	57-128	
1,1,2,2-Tetrachloroethane	1000	926	93	3	30	69-128	
1,3-Dichlorobenzene	1000	965	97	3	30	80-120	
1,1,2-Trichloroethane	1000	911	91	4	30	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J14658.D

Lab ID: LCSD 460-232468/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dichlorobenzene	1000	982	98	1	30	80-120	
1,2-Dichlorobenzene	1000	1010	101	2	30	80-120	
Dibromochloromethane	1000	993	99	1	30	63-124	
1,2,4-Trichlorobenzene	1000	1050	105	3	30	67-135	
Dichlorodifluoromethane	1000	832	83	5	30	37-143	
Bromodichloromethane	1000	900	90	2	30	75-119	
1,2-Dibromoethane	1000	947	95	1	30	80-120	
1,4-Dioxane	20000	36500	182	2	30	50-150	*
1,2,3-Trichlorobenzene	1000	1070	107	3	30	60-144	
Bromochloromethane	1000	969	97	4	30	82-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05253.D

Lab ID: 460-77918-C-6 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	0.10 U	197	99	43-145	
Bromomethane	200	0.18 U	198	99	27-150	
Vinyl chloride	200	0.14 U	197	98	56-137	
Chloroethane	200	0.17 U	188	94	58-145	
Methylene Chloride	200	0.18 U	192	96	76-123	
Trichlorofluoromethane	200	0.15 U	198	99	65-142	
Acetone	1000	2.7 U	836	84	26-150	
Carbon disulfide	200	0.13 U	166	83	61-126	
1,1-Dichloroethene	200	0.090 U	189	95	71-123	
1,1-Dichloroethane	200	0.13 U	198	99	75-126	
cis-1,2-Dichloroethene	200	0.18 U	196	98	78-121	
trans-1,2-Dichloroethene	200	0.13 U	198	99	79-120	
Chloroform	200	0.080 U	195	98	81-122	
1,2-Dichloroethane	200	0.19 U	194	97	75-127	
2-Butanone	1000	2.3 U	985	98	52-140	
1,1,1-Trichloroethane	200	0.060 U	194	97	73-134	
Carbon tetrachloride	200	0.060 U	195	98	58-150	
Cyclohexane	200	0.16 U	211	105	62-135	
MTBE	200	0.14 U	183	92	73-125	
Freon TF	200	0.080 U	206	103	60-144	
Benzene	200	0.080 U	202	101	69-125	
Methyl acetate	1000	0.34 U	948	95	62-140	
Bromoform	200	0.19 U	137	69	50-134	
Trichloroethene	200	0.090 U	198	99	74-120	
Isopropylbenzene	200	0.080 U	217	108	74-127	
trans-1,3-Dichloropropene	200	0.24 U	205	103	71-123	
2-Hexanone	1000	0.50 U	990	99	49-131	
4-Methyl-2-pentanone	1000	0.99 U	1060	106	56-132	
cis-1,3-Dichloropropene	200	0.18 U	200	100	71-120	
Toluene	200	0.15 U	202	101	78-120	
Chlorobenzene	200	0.11 U	209	104	77-120	
Ethylbenzene	200	0.10 U	199	100	74-120	
1,2-Dichloropropane	200	0.090 U	202	101	70-120	
Methylcyclohexane	200	0.14 U	222	111	64-136	
Xylenes, Total	400	0.13 U	407	102	73-122	
Styrene	200	0.12 U	191	95	76-120	
Tetrachloroethene	200	0.10 U	211	106	70-136	
1,1,2,2-Tetrachloroethane	200	0.16 U	219	109	55-133	
1,3-Dichlorobenzene	200	0.14 U	209	105	75-120	
1,1,2-Trichloroethane	200	0.19 U	205	102	68-121	
1,4-Dichlorobenzene	200	0.23 U	205	102	75-120	
1,2-Dichlorobenzene	200	0.21 U	204	102	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05253.D

Lab ID: 460-77918-C-6 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dibromochloromethane	200	0.20 U	162	81	63-131	
1,2,4-Trichlorobenzene	200	0.34 U	202	101	76-129	
Dichlorodifluoromethane	200	0.22 U	195	98	40-150	
Bromodichloromethane	200	0.12 U	177	88	72-123	
1,2,3-Trichlorobenzene	200	0.51 U	206	103	72-135	
Bromochloromethane	200	0.27 U	199	100	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69915.D

Lab ID: 460-77788-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	0.10 U	176	88	43-145	
Bromomethane	200	0.18 U	207	103	27-150	
Vinyl chloride	200	0.14 U	184	92	56-137	
Chloroethane	200	0.17 U	176	88	58-145	
Methylene Chloride	200	0.18 U	185	93	76-123	
Trichlorofluoromethane	200	0.15 U	175	88	65-142	
Acetone	1000	2.7 U	837	84	26-150	
Carbon disulfide	200	0.13 U	153	77	61-126	
1,1-Dichloroethene	200	0.090 U	175	88	71-123	
1,1-Dichloroethane	200	0.13 U	182	91	75-126	
cis-1,2-Dichloroethene	200	0.18 U	197	99	78-121	
trans-1,2-Dichloroethene	200	0.13 U	188	94	79-120	
Chloroform	200	0.62 J	182	91	81-122	
1,2-Dichloroethane	200	0.19 U	183	91	75-127	
2-Butanone	1000	2.3 U	964	96	52-140	
1,1,1-Trichloroethane	200	0.060 U	171	86	73-134	
Carbon tetrachloride	200	0.060 U	167	83	58-150	
Cyclohexane	200	0.16 U	179	89	62-135	
MTBE	200	0.14 U	200	100	73-125	
Freon TF	200	0.080 U	170	85	60-144	
Benzene	200	0.080 U	191	96	69-125	
Methyl acetate	1000	0.34 U	928	93	62-140	
Bromoform	200	0.19 U	180	90	50-134	
Trichloroethene	200	0.090 U	187	93	74-120	
Isopropylbenzene	200	0.080 U	204	102	74-127	
trans-1,3-Dichloropropene	200	0.24 U	181	90	71-123	
2-Hexanone	1000	0.50 U	1010	101	49-131	
4-Methyl-2-pentanone	1000	0.99 U	1010	101	56-132	
cis-1,3-Dichloropropene	200	0.18 U	182	91	71-120	
Toluene	200	0.15 U	193	96	78-120	
Chlorobenzene	200	0.11 U	190	95	77-120	
Ethylbenzene	200	0.10 U	195	98	74-120	
1,2-Dichloropropane	200	0.090 U	178	89	70-120	
Methylcyclohexane	200	0.14 U	185	93	64-136	
Xylenes, Total	400	0.13 U	400	100	73-122	
Styrene	200	0.12 U	201	100	76-120	
Tetrachloroethene	200	0.10 U	196	98	70-136	
1,1,2,2-Tetrachloroethane	200	0.16 U	213	106	55-133	
1,3-Dichlorobenzene	200	0.14 U	197	99	75-120	
1,1,2-Trichloroethane	200	0.19 U	207	103	68-121	
1,4-Dichlorobenzene	200	0.23 U	190	95	75-120	
1,2-Dichlorobenzene	200	0.21 U	198	99	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69915.D

Lab ID: 460-77788-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dibromochloromethane	200	0.20 U	190	95	63-131	
1,2,4-Trichlorobenzene	200	0.34 U	181	90	76-129	
Dichlorodifluoromethane	200	0.22 U	167	83	40-150	
Bromodichloromethane	200	0.12 U	170	85	72-123	
1,2,3-Trichlorobenzene	200	0.51 U	173	86	72-135	
Bromochloromethane	200	0.27 U	205	103	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05254.D

Lab ID: 460-77918-C-6 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	197	99	0	30	43-145	
Bromomethane	200	194	97	2	30	27-150	
Vinyl chloride	200	188	94	4	30	56-137	
Chloroethane	200	188	94	0	30	58-145	
Methylene Chloride	200	184	92	4	30	76-123	
Trichlorofluoromethane	200	190	95	4	30	65-142	
Acetone	1000	823	82	2	30	26-150	
Carbon disulfide	200	175	88	5	30	61-126	
1,1-Dichloroethene	200	185	92	2	30	71-123	
1,1-Dichloroethane	200	198	99	0	30	75-126	
cis-1,2-Dichloroethene	200	191	95	3	30	78-121	
trans-1,2-Dichloroethene	200	192	96	3	30	79-120	
Chloroform	200	195	97	0	30	81-122	
1,2-Dichloroethane	200	188	94	3	30	75-127	
2-Butanone	1000	1010	101	3	30	52-140	
1,1,1-Trichloroethane	200	191	95	2	30	73-134	
Carbon tetrachloride	200	192	96	2	30	58-150	
Cyclohexane	200	201	101	5	30	62-135	
MTBE	200	176	88	4	30	73-125	
Freon TF	200	203	101	1	30	60-144	
Benzene	200	193	97	5	30	69-125	
Methyl acetate	1000	877	88	8	30	62-140	
Bromoform	200	140	70	2	30	50-134	
Trichloroethene	200	193	97	3	30	74-120	
Isopropylbenzene	200	202	101	7	30	74-127	
trans-1,3-Dichloropropene	200	193	97	6	30	71-123	
2-Hexanone	1000	956	96	3	30	49-131	
4-Methyl-2-pentanone	1000	996	100	6	30	56-132	
cis-1,3-Dichloropropene	200	191	96	4	30	71-120	
Toluene	200	192	96	5	30	78-120	
Chlorobenzene	200	192	96	8	30	77-120	
Ethylbenzene	200	195	97	2	30	74-120	
1,2-Dichloropropane	200	189	95	7	30	70-120	
Methylcyclohexane	200	218	109	2	30	64-136	
Xylenes, Total	400	382	95	6	30	73-122	
Styrene	200	183	91	4	30	76-120	
Tetrachloroethene	200	197	99	7	30	70-136	
1,1,2,2-Tetrachloroethane	200	208	104	5	30	55-133	
1,3-Dichlorobenzene	200	204	102	2	30	75-120	
1,1,2-Trichloroethane	200	194	97	5	30	68-121	
1,4-Dichlorobenzene	200	201	101	2	30	75-120	
1,2-Dichlorobenzene	200	197	99	3	30	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05254.D

Lab ID: 460-77918-C-6 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibromochloromethane	200	158	79	2	30	63-131	
1,2,4-Trichlorobenzene	200	213	107	6	30	76-129	
Dichlorodifluoromethane	200	186	93	5	30	40-150	
Bromodichloromethane	200	181	90	2	30	72-123	
1,2,3-Trichlorobenzene	200	224	112	8	30	72-135	
Bromochloromethane	200	196	98	2	30	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69916.D

Lab ID: 460-77788-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	192	96	9	30	43-145	
Bromomethane	200	218	109	6	30	27-150	
Vinyl chloride	200	203	102	10	30	56-137	
Chloroethane	200	188	94	7	30	58-145	
Methylene Chloride	200	192	96	4	30	76-123	
Trichlorofluoromethane	200	185	93	6	30	65-142	
Acetone	1000	858	86	3	30	26-150	
Carbon disulfide	200	162	81	5	30	61-126	
1,1-Dichloroethene	200	184	92	5	30	71-123	
1,1-Dichloroethane	200	189	94	4	30	75-126	
cis-1,2-Dichloroethene	200	207	103	5	30	78-121	
trans-1,2-Dichloroethene	200	195	98	3	30	79-120	
Chloroform	200	188	94	3	30	81-122	
1,2-Dichloroethane	200	188	94	3	30	75-127	
2-Butanone	1000	964	96	0	30	52-140	
1,1,1-Trichloroethane	200	180	90	5	30	73-134	
Carbon tetrachloride	200	171	86	3	30	58-150	
Cyclohexane	200	188	94	5	30	62-135	
MTBE	200	213	106	6	30	73-125	
Freon TF	200	177	88	4	30	60-144	
Benzene	200	202	101	6	30	69-125	
Methyl acetate	1000	949	95	2	30	62-140	
Bromoform	200	184	92	2	30	50-134	
Trichloroethene	200	190	95	2	30	74-120	
Isopropylbenzene	200	212	106	4	30	74-127	
trans-1,3-Dichloropropene	200	185	93	2	30	71-123	
2-Hexanone	1000	1030	103	3	30	49-131	
4-Methyl-2-pentanone	1000	1050	105	4	30	56-132	
cis-1,3-Dichloropropene	200	182	91	0	30	71-120	
Toluene	200	200	100	4	30	78-120	
Chlorobenzene	200	198	99	4	30	77-120	
Ethylbenzene	200	203	101	4	30	74-120	
1,2-Dichloropropane	200	181	91	2	30	70-120	
Methylcyclohexane	200	192	96	4	30	64-136	
Xylenes, Total	400	419	105	5	30	73-122	
Styrene	200	207	103	3	30	76-120	
Tetrachloroethene	200	199	99	2	30	70-136	
1,1,2,2-Tetrachloroethane	200	221	110	4	30	55-133	
1,3-Dichlorobenzene	200	201	101	2	30	75-120	
1,1,2-Trichloroethane	200	205	103	1	30	68-121	
1,4-Dichlorobenzene	200	196	98	3	30	75-120	
1,2-Dichlorobenzene	200	204	102	3	30	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B69916.D

Lab ID: 460-77788-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibromochloromethane	200	194	97	2	30	63-131	
1,2,4-Trichlorobenzene	200	196	98	8	30	76-129	
Dichlorodifluoromethane	200	186	93	11	30	40-150	
Bromodichloromethane	200	173	87	2	30	72-123	
1,2,3-Trichlorobenzene	200	211	105	20	30	72-135	
Bromochloromethane	200	209	105	2	30	70-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: J14660.D Lab Sample ID: MB 460-232468/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 06/24/2014 13:32

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-232468/4	J14657.D	06/24/2014 12:17
	LCSD 460-232468/5	J14658.D	06/24/2014 12:42
S-3	460-78044-3	J14663.D	06/24/2014 14:46

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: K28516.D Lab Sample ID: MB 460-232119/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 06/22/2014 08:45

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-232119/3	K28513.D	06/22/2014 07:14
	LCSD 460-232119/4	K28514.D	06/22/2014 07:38
	LB3 460-231714/1-A	K28520.D	06/22/2014 10:24
S-1	460-78044-1	K28521.D	06/22/2014 10:49
S-2	460-78044-2	K28522.D	06/22/2014 11:13
S-4	460-78044-4	K28523.D	06/22/2014 11:37
S-5	460-78044-5	K28524.D	06/22/2014 12:01
S-6	460-78044-6	K28525.D	06/22/2014 12:26
S-7	460-78044-7	K28526.D	06/22/2014 12:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: A05243.D Lab Sample ID: MB 460-232261/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 06/23/2014 09:53

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-232261/4	A05240.D	06/23/2014 08:39
	460-77918-C-6 MS	A05253.D	06/23/2014 13:49
	460-77918-C-6 MSD	A05254.D	06/23/2014 14:10
TWP-1	460-78044-8	A05264.D	06/23/2014 17:30
TWP-4	460-78044-9	A05265.D	06/23/2014 17:50
TWP-7	460-78044-11	A05267.D	06/23/2014 18:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: B69905.D Lab Sample ID: MB 460-232427/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 06/24/2014 06:54

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-232427/3	B69902.D	06/24/2014 05:45
	460-77788-B-1 MS	B69915.D	06/24/2014 12:00
	460-77788-B-1 MSD	B69916.D	06/24/2014 12:23
TWP-5	460-78044-10	B69919.D	06/24/2014 13:32

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: A03858.D BFB Injection Date: 05/23/2014

Instrument ID: CVOAMS1 BFB Injection Time: 19:36

Analysis Batch No.: 226461

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	53.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.4	(0.6)1
174	50.0 - 120.00 % of mass 95	65.0	
175	5.0 - 9.0 % of mass 174	5.3	(8.1)1
176	95.0 - 101.0 % of mass 174	63.3	(97.4)1
177	5.0 - 9.0 % of mass 176	4.2	(6.6)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
	STD20 460-226461/5	A03862.D	05/23/2014	20:56
	STD50 460-226461/6	A03863.D	05/23/2014	21:16
	STD200 460-226461/7	A03864.D	05/23/2014	21:36
	STD500 460-226461/8	A03865.D	05/23/2014	21:56
	STD5 460-226461/15	A03872.D	05/24/2014	00:20
	STD1 460-226461/16	A03873.D	05/24/2014	00:40

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: A05237.D BFB Injection Date: 06/23/2014

Instrument ID: CVOAMS1 BFB Injection Time: 07:34

Analysis Batch No.: 232261

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.6	
75	30.0 - 60.0 % of mass 95	55.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.4	
173	Less than 2.0 % of mass 174	0.9	(1.5)1
174	50.0 - 120.00 % of mass 95	57.1	
175	5.0 - 9.0 % of mass 174	3.9	(6.8)1
176	95.0 - 101.0 % of mass 174	57.4	(100.5)1
177	5.0 - 9.0 % of mass 176	3.5	(6.1)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 460-232261/3	A05239.D	06/23/2014	08:16
	LCS 460-232261/4	A05240.D	06/23/2014	08:39
	MB 460-232261/7	A05243.D	06/23/2014	09:53
	460-77918-C-6 MS	A05253.D	06/23/2014	13:49
	460-77918-C-6 MSD	A05254.D	06/23/2014	14:10
TWP-1	460-78044-8	A05264.D	06/23/2014	17:30
TWP-4	460-78044-9	A05265.D	06/23/2014	17:50
TWP-7	460-78044-11	A05267.D	06/23/2014	18:31

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: B68815.D BFB Injection Date: 05/28/2014

Instrument ID: CVOAMS2 BFB Injection Time: 06:53

Analysis Batch No.: 226928

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.6	
75	30.0 - 60.0 % of mass 95	53.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	77.9	
175	5.0 - 9.0 % of mass 174	5.7	(7.3)1
176	95.0 - 101.0 % of mass 174	76.8	(98.7)1
177	5.0 - 9.0 % of mass 176	5.0	(6.5)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
	STD5 460-226928/5	B68819.D	05/28/2014	08:24
	STD20 460-226928/6	B68820.D	05/28/2014	08:47
	STD50 460-226928/7	B68821.D	05/28/2014	09:10
	STD200 460-226928/8	B68822.D	05/28/2014	09:33
	STD500 460-226928/9	B68823.D	05/28/2014	09:56
	STD1 460-226928/16	B68830.D	05/28/2014	12:37

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: B69900.D BFB Injection Date: 06/24/2014

Instrument ID: CVOAMS2 BFB Injection Time: 04:56

Analysis Batch No.: 232427

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	52.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	76.5	
175	5.0 - 9.0 % of mass 174	5.6	(7.3)1
176	95.0 - 101.0 % of mass 174	72.9	(95.4)1
177	5.0 - 9.0 % of mass 176	4.8	(6.5)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 460-232427/2	B69901.D	06/24/2014	05:22
	LCS 460-232427/3	B69902.D	06/24/2014	05:45
	MB 460-232427/6	B69905.D	06/24/2014	06:54
	460-77788-B-1 MS	B69915.D	06/24/2014	12:00
	460-77788-B-1 MSD	B69916.D	06/24/2014	12:23
TWP-5	460-78044-10	B69919.D	06/24/2014	13:32

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: J13736.D BFB Injection Date: 06/04/2014

Instrument ID: CVOAMS8 BFB Injection Time: 00:29

Analysis Batch No.: 228338

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
75	30.0 - 60.0 % of mass 95	52.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.1	(0.1)1
174	50.0 - 120.00 % of mass 95	63.7	
175	5.0 - 9.0 % of mass 174	4.7	(7.4)1
176	95.0 - 101.0 % of mass 174	62.7	(98.3)1
177	5.0 - 9.0 % of mass 176	3.6	(5.7)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
	STD1 460-228338/3	J13738.D	06/04/2014	01:21
	STD5 460-228338/4	J13739.D	06/04/2014	01:46
	STD20 460-228338/5	J13740.D	06/04/2014	02:11
	STD50 460-228338/6	J13741.D	06/04/2014	02:36
	STD200 460-228338/7	J13742.D	06/04/2014	03:01
	STD500 460-228338/8	J13743.D	06/04/2014	03:26

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: J14654.D BFB Injection Date: 06/24/2014

Instrument ID: CVOAMS8 BFB Injection Time: 10:26

Analysis Batch No.: 232468

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.9	
75	30.0 - 60.0 % of mass 95	55.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	68.4	
175	5.0 - 9.0 % of mass 174	5.6	(8.2)1
176	95.0 - 101.0 % of mass 174	67.9	(99.3)1
177	5.0 - 9.0 % of mass 176	3.6	(5.3)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 460-232468/3	J14656.D	06/24/2014	11:52
	LCS 460-232468/4	J14657.D	06/24/2014	12:17
	LCSD 460-232468/5	J14658.D	06/24/2014	12:42
	MB 460-232468/7	J14660.D	06/24/2014	13:32
S-3	460-78044-3	J14663.D	06/24/2014	14:46

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: K28240.D BFB Injection Date: 06/16/2014

Instrument ID: CVOAMS9 BFB Injection Time: 11:59

Analysis Batch No.: 230933

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	83.1	
175	5.0 - 9.0 % of mass 174	6.6	(7.9)1
176	95.0 - 101.0 % of mass 174	79.2	(95.3)1
177	5.0 - 9.0 % of mass 176	6.0	(7.6)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
	STD5 460-230933/4	K28243.D	06/16/2014	13:13
	STD20 460-230933/5	K28244.D	06/16/2014	13:37
	STD50 460-230933/6	K28245.D	06/16/2014	14:02
	STD200 460-230933/7	K28246.D	06/16/2014	14:26
	STD500 460-230933/8	K28247.D	06/16/2014	14:50
	STD1 460-230933/13	K28252.D	06/16/2014	16:51

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: K28511.D BFB Injection Date: 06/22/2014

Instrument ID: CVOAMS9 BFB Injection Time: 06:01

Analysis Batch No.: 232119

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	76.8	
175	5.0 - 9.0 % of mass 174	5.3	(6.9)1
176	95.0 - 101.0 % of mass 174	74.1	(96.4)1
177	5.0 - 9.0 % of mass 176	4.9	(6.6)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 460-232119/2	K28512.D	06/22/2014	06:50
	LCS 460-232119/3	K28513.D	06/22/2014	07:14
	LCSD 460-232119/4	K28514.D	06/22/2014	07:38
	MB 460-232119/6	K28516.D	06/22/2014	08:45
	LB3 460-231714/1-A	K28520.D	06/22/2014	10:24
S-1	460-78044-1	K28521.D	06/22/2014	10:49
S-2	460-78044-2	K28522.D	06/22/2014	11:13
S-4	460-78044-4	K28523.D	06/22/2014	11:37
S-5	460-78044-5	K28524.D	06/22/2014	12:01
S-6	460-78044-6	K28525.D	06/22/2014	12:26
S-7	460-78044-7	K28526.D	06/22/2014	12:50

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232261/3 Date Analyzed: 06/23/2014 08:16

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A05239.D Heated Purge: (Y/N) N

Calibration ID: 39409

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		378910	3.57	541881	5.41	32077	5.97
UPPER LIMIT		757820	4.07	1083762	5.91	64154	6.47
LOWER LIMIT		189455	3.07	270941	4.91	16039	5.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232261/4		425869	3.55	675580	5.41	29215	5.97
MB 460-232261/7		368988	3.56	569253	5.42	24285	5.97
460-77918-C-6 MS		283461	3.56	486272	5.42	23633	5.97
460-77918-C-6 MSD		285247	3.57	511842	5.42	22157	5.99
460-78044-8	TWP-1	299765	3.56	492001	5.42	20100	5.97
460-78044-9	TWP-4	306362	3.55	521235	5.41	19805	5.99
460-78044-11	TWP-7	255591	3.56	446434	5.42	18049	5.96

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232261/3 Date Analyzed: 06/23/2014 08:16

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A05239.D Heated Purge: (Y/N) N

Calibration ID: 39409

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		330625	7.88	165897	9.29		
UPPER LIMIT		661250	8.38	331794	9.79		
LOWER LIMIT		165313	7.38	82949	8.79		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232261/4		418565	7.88	212102	9.30		
MB 460-232261/7		347084	7.88	170514	9.30		
460-77918-C-6 MS		302500	7.88	158775	9.30		
460-77918-C-6 MSD		329879	7.88	166073	9.31		
460-78044-8	TWP-1	306317	7.88	151789	9.29		
460-78044-9	TWP-4	329900	7.88	172026	9.30		
460-78044-11	TWP-7	281988	7.88	144254	9.30		

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232427/2 Date Analyzed: 06/24/2014 05:22

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B69901.D Heated Purge: (Y/N) N

Calibration ID: 39444

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		295170	2.72	742031	5.04	32142	5.90
UPPER LIMIT		590340	3.22	1484062	5.54	64284	6.40
LOWER LIMIT		147585	2.22	371016	4.54	16071	5.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232427/3		312182	2.71	725122	5.04	32376	5.89
MB 460-232427/6		232152	2.71	521385	5.04	16644	5.90
460-77788-B-1 MS		303058	2.72	820507	5.05	30165	5.90
460-77788-B-1 MSD		312979	2.71	807553	5.04	30161	5.90
460-78044-10	TWP-5	274537	2.71	658959	5.04	21108	5.90

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232427/2 Date Analyzed: 06/24/2014 05:22

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B69901.D Heated Purge: (Y/N) N

Calibration ID: 39444

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		685984	8.63	500923	10.71		
UPPER LIMIT		1371968	9.13	1001846	11.21		
LOWER LIMIT		342992	8.13	250462	10.21		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232427/3		658542	8.63	474508	10.71		
MB 460-232427/6		454397	8.63	298865	10.71		
460-77788-B-1 MS		774568	8.64	556571	10.71		
460-77788-B-1 MSD		752916	8.64	543169	10.71		
460-78044-10	TWP-5	579382	8.64	394521	10.71		

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232468/3 Date Analyzed: 06/24/2014 11:52

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J14656.D Heated Purge: (Y/N) N

Calibration ID: 39675

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		446373	3.15	983565	5.32	50563	6.02
UPPER LIMIT		892746	3.65	1967130	5.82	101126	6.52
LOWER LIMIT		223187	2.65	491783	4.82	25282	5.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232468/4		383963	3.15	976773	5.32	50678	6.02
LCSD 460-232468/5		393962	3.15	959739	5.32	46656	6.02
MB 460-232468/7		362446	3.15	957825	5.32	40903	6.02
460-78044-3	S-3	406554	3.17	955564	5.32	48445	6.03

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232468/3 Date Analyzed: 06/24/2014 11:52

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J14656.D Heated Purge: (Y/N) N

Calibration ID: 39675

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		668103	8.78	306502	10.94		
UPPER LIMIT		1336206	9.28	613004	11.44		
LOWER LIMIT		334052	8.28	153251	10.44		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232468/4		650240	8.79	307938	10.94		
LCSD 460-232468/5		649383	8.78	306598	10.94		
MB 460-232468/7		637897	8.79	305843	10.94		
460-78044-3	S-3	637359	8.78	309932	10.94		

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232119/2 Date Analyzed: 06/22/2014 06:50

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K28512.D Heated Purge: (Y/N) Y

Calibration ID: 40141

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		383648	3.35	746794	5.56	35178	6.27
UPPER LIMIT		767296	3.85	1493588	6.06	70356	6.77
LOWER LIMIT		191824	2.85	373397	5.06	17589	5.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232119/3		368476	3.35	729619	5.56	35164	6.27
LCSD 460-232119/4		452483	3.35	746101	5.56	40278	6.27
MB 460-232119/6		430869	3.34	576066	5.55	30051	6.26
LB3 460-231714/1-A		260765	3.34	623132	5.56	18983	6.27
460-78044-1	S-1	264037	3.34	602392	5.56	19384	6.27
460-78044-2	S-2	294356	3.35	614013	5.56	20107	6.27
460-78044-4	S-4	272958	3.34	610833	5.56	18904	6.27
460-78044-5	S-5	268088	3.34	661665	5.56	23332	6.27
460-78044-6	S-6	271924	3.34	609273	5.55	19193	6.27
460-78044-7	S-7	265028	3.34	630925	5.56	19639	6.27

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232119/2 Date Analyzed: 06/22/2014 06:50

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K28512.D Heated Purge: (Y/N) Y

Calibration ID: 40141

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		521519	9.05	264554	11.08		
UPPER LIMIT		1043038	9.55	529108	11.58		
LOWER LIMIT		260760	8.55	132277	10.58		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-232119/3		508328	9.05	259031	11.08		
LCSD 460-232119/4		519364	9.05	268172	11.08		
MB 460-232119/6		390852	9.05	199259	11.08		
LB3 460-231714/1-A		419827	9.05	210089	11.08		
460-78044-1	S-1	396688	9.05	186665	11.08		
460-78044-2	S-2	411777	9.05	204638	11.08		
460-78044-4	S-4	414502	9.05	207839	11.08		
460-78044-5	S-5	447551	9.05	220399	11.08		
460-78044-6	S-6	394320	9.05	171573	11.08		
460-78044-7	S-7	420233	9.05	210472	11.08		

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 | Lab Sample ID: 460-78044-1

Matrix: Solid | Lab File ID: K28521.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.06(g) | Date Analyzed: 06/22/2014 10:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.0 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.25	U	1.6	0.25
74-83-9	Bromomethane	0.68	U	1.6	0.68
75-01-4	Vinyl chloride	0.54	U	1.6	0.54
75-00-3	Chloroethane	0.52	U	1.6	0.52
75-09-2	Methylene Chloride	0.33	J B	1.6	0.24
67-64-1	Acetone	16	B	7.9	2.7
75-15-0	Carbon disulfide	0.24	U	1.6	0.24
75-69-4	Trichlorofluoromethane	0.25	U	1.6	0.25
75-35-4	1,1-Dichloroethene	0.30	U	1.6	0.30
75-34-3	1,1-Dichloroethane	0.17	U	1.6	0.17
156-60-5	trans-1,2-Dichloroethene	0.21	U	1.6	0.21
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.6	0.17
67-66-3	Chloroform	0.38	U	1.6	0.38
78-93-3	2-Butanone	1.0	U	7.9	1.0
107-06-2	1,2-Dichloroethane	0.28	U	1.6	0.28
71-55-6	1,1,1-Trichloroethane	0.21	U	1.6	0.21
56-23-5	Carbon tetrachloride	0.24	U	1.6	0.24
71-43-2	Benzene	0.24	U	1.6	0.24
75-25-2	Bromoform	0.27	U	1.6	0.27
100-42-5	Styrene	0.44	U	1.6	0.44
179601-23-1	m&p-Xylene	0.93	U	1.6	0.93
95-47-6	o-Xylene	0.30	U	1.6	0.30
100-41-4	Ethylbenzene	0.27	U	1.6	0.27
108-90-7	Chlorobenzene	0.28	U	1.6	0.28
110-82-7	Cyclohexane	0.21	U	1.6	0.21
98-82-8	Isopropylbenzene	0.17	U	1.6	0.17
591-78-6	2-Hexanone	0.21	U	7.9	0.21
1634-04-4	MTBE	0.17	U	1.6	0.17
76-13-1	Freon TF	0.17	U	1.6	0.17
79-20-9	Methyl acetate	0.51	U	7.9	0.51
123-91-1	1,4-Dioxane	20	U	32	20
79-01-6	Trichloroethene	0.19	U	1.6	0.19
108-88-3	Toluene	0.22	U	1.6	0.22
10061-02-6	trans-1,3-Dichloropropene	0.16	U	1.6	0.16
108-10-1	4-Methyl-2-pentanone	0.32	U	7.9	0.32
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.6	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 | Lab Sample ID: 460-78044-1

Matrix: Solid | Lab File ID: K28521.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.06(g) | Date Analyzed: 06/22/2014 10:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.0 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.16	U	1.6	0.16
541-73-1	1,3-Dichlorobenzene	0.25	U	1.6	0.25
106-46-7	1,4-Dichlorobenzene	0.17	U	1.6	0.17
120-82-1	1,2,4-Trichlorobenzene	0.30	U	1.6	0.30
87-61-6	1,2,3-Trichlorobenzene	0.25	U	1.6	0.25
78-87-5	1,2-Dichloropropane	0.24	U	1.6	0.24
108-87-2	Methylcyclohexane	0.16	U	1.6	0.16
127-18-4	Tetrachloroethene	0.19	U	1.6	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	0.70	U	1.6	0.70
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.6	0.14
79-00-5	1,1,2-Trichloroethane	0.22	U	1.6	0.22
124-48-1	Dibromochloromethane	0.16	U	1.6	0.16
106-93-4	1,2-Dibromoethane	0.24	U	1.6	0.24
75-71-8	Dichlorodifluoromethane	0.35	U	1.6	0.35
74-97-5	Bromochloromethane	0.17	U	1.6	0.17
75-27-4	Bromodichloromethane	0.51	U	1.6	0.51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	82		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 Lab Sample ID: 460-78044-1

Matrix: Solid Lab File ID: K28521.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.06(g) Date Analyzed: 06/22/2014 10:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.0 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 11:22:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28521.D
Lims ID: 460-78044-B-1-A Lab Sample ID: 460-78044-1
Client ID: S-1
Sample Type: Client
Inject. Date: 22-Jun-2014 10:49:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-1-A
Misc. Info.: 460-0014879-011
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:22:05 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:05:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.985	2.990	-0.005	81	11367	10.0	
* 151 TBA-d9 (IS)	65	3.338	3.349	-0.011	48	264037	1000.0	
25 Methylene Chloride	84	3.349	3.354	-0.005	23	1012	0.2111	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	169710	48.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	89	160487	45.4	
* 59 Fluorobenzene	96	5.558	5.558	0.000	99	602392	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	94	19384	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	547041	45.7	
* 87 Chlorobenzene-d5	117	9.046	9.046	0.000	85	396688	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	94	142950	40.9	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	186665	50.0	

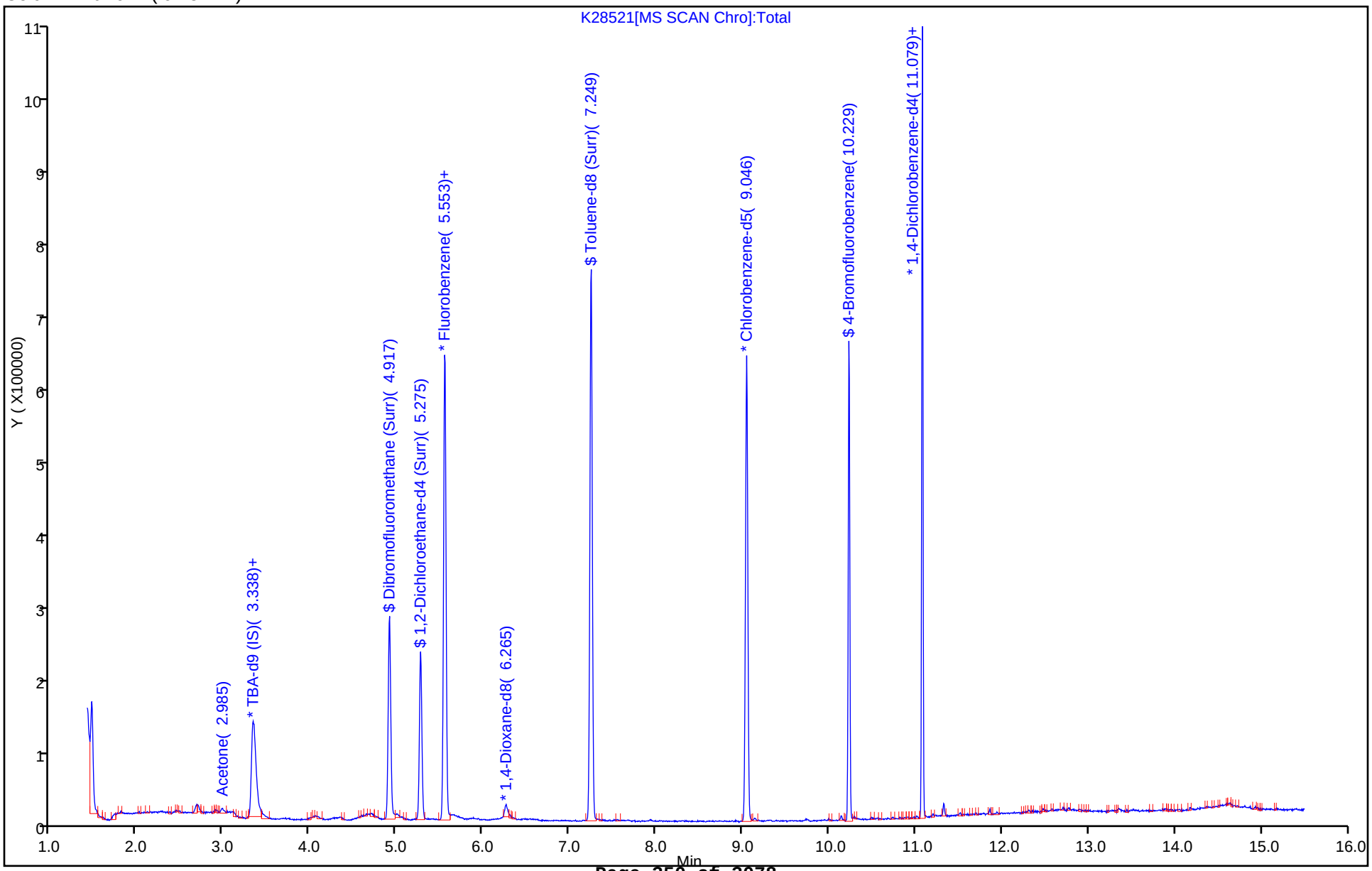
Report Date: 23-Jun-2014 11:22:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28521.D

Injection Date:	22-Jun-2014 10:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-1-A	Lab Sample ID:	460-78044-1	Worklist Smp#:	11
Client ID:	S-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



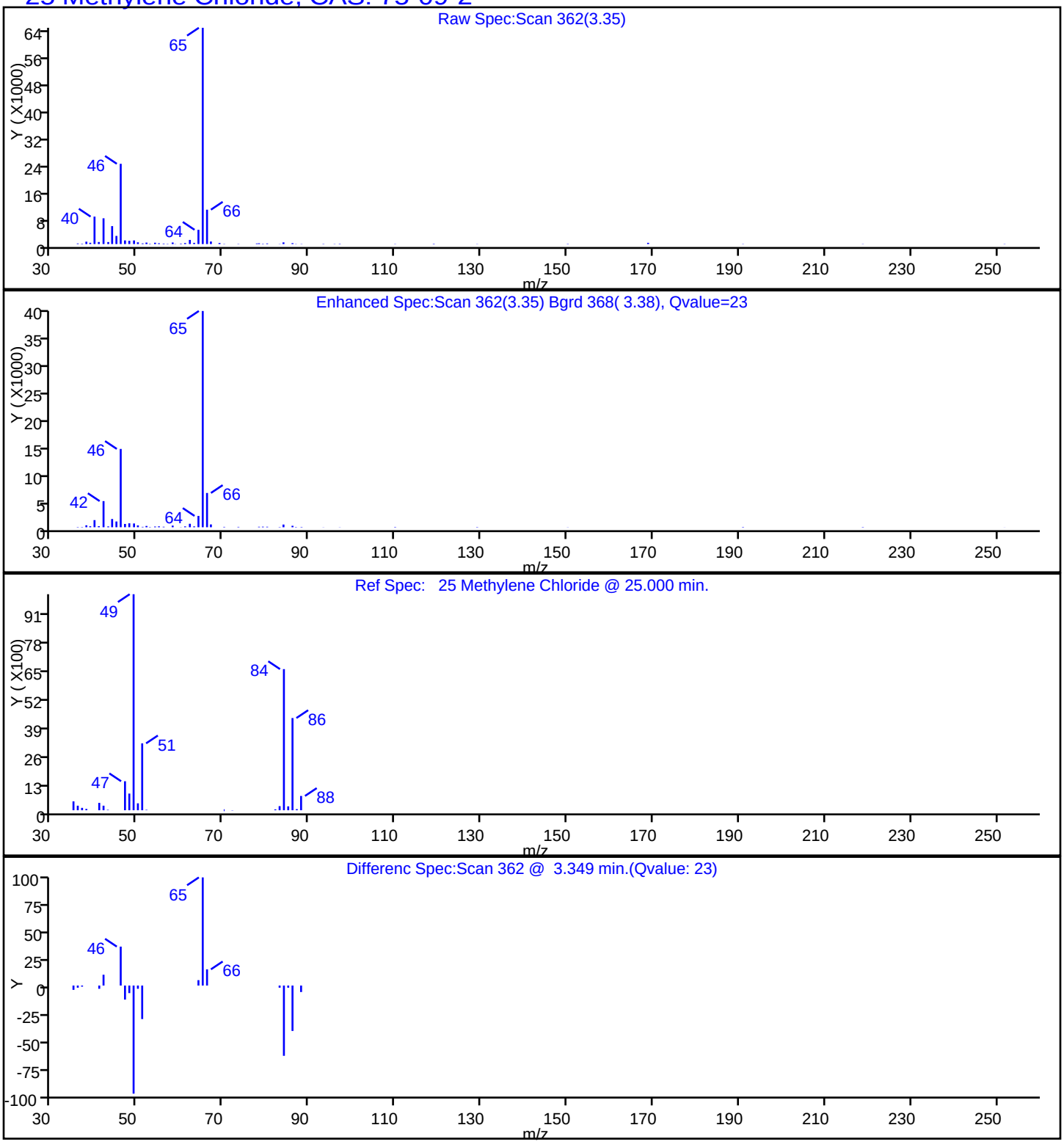
Report Date: 23-Jun-2014 11:22:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28521.D

Injection Date:	22-Jun-2014 10:49:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 Methylene Chloride, CAS: 75-09-2



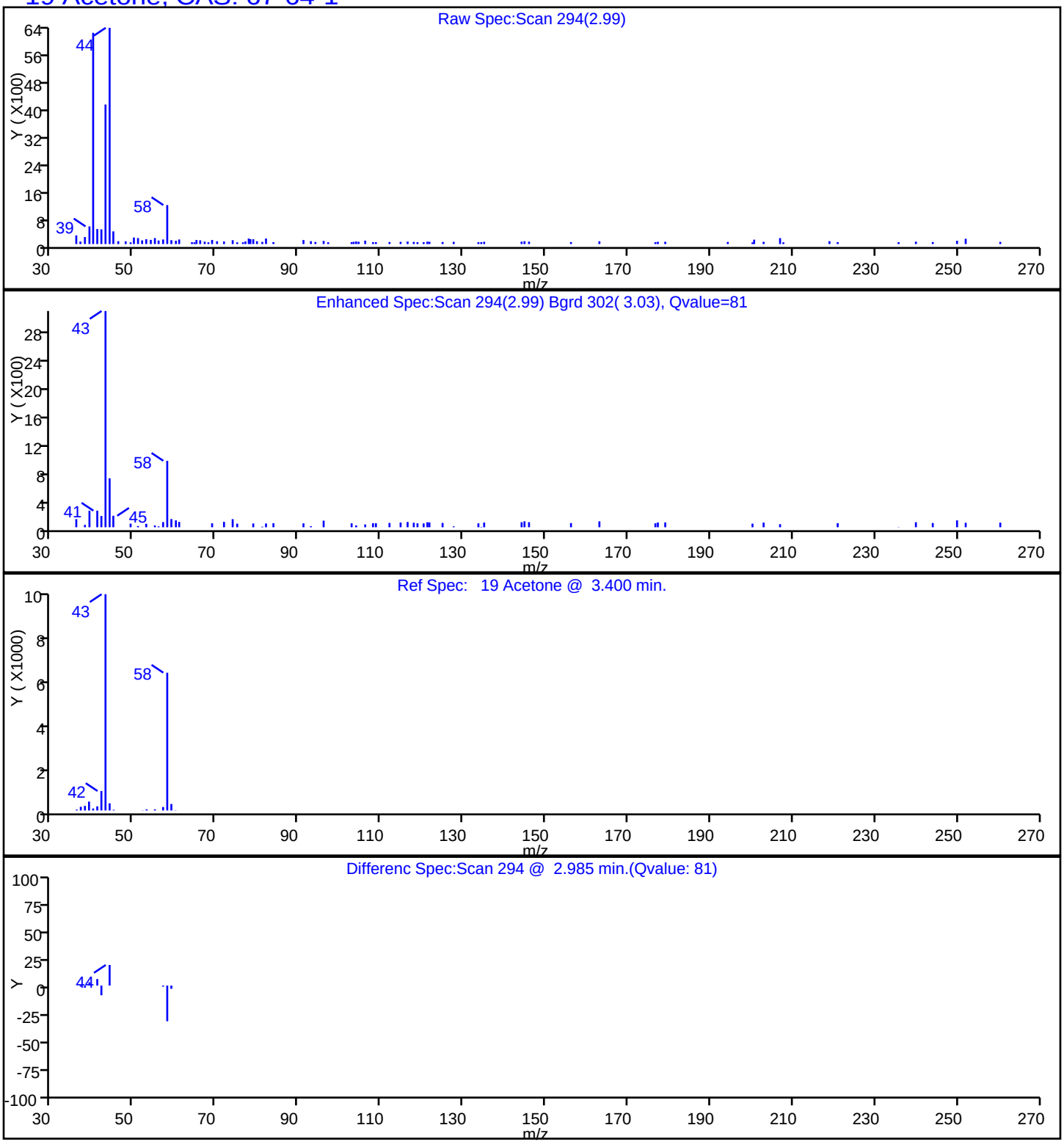
Report Date: 23-Jun-2014 11:22:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28521.D

Injection Date:	22-Jun-2014 10:49:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Matrix: Solid | Lab File ID: K28522.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.63(g) | Date Analyzed: 06/22/2014 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.9 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.27	U	1.7	0.27
74-83-9	Bromomethane	0.73	U	1.7	0.73
75-01-4	Vinyl chloride	0.58	U	1.7	0.58
75-00-3	Chloroethane	0.56	U	1.7	0.56
75-09-2	Methylene Chloride	0.32	J B	1.7	0.25
67-64-1	Acetone	32	B	8.5	2.9
75-15-0	Carbon disulfide	0.69	J	1.7	0.25
75-69-4	Trichlorofluoromethane	0.27	U	1.7	0.27
75-35-4	1,1-Dichloroethene	0.32	U	1.7	0.32
75-34-3	1,1-Dichloroethane	0.19	U	1.7	0.19
156-60-5	trans-1,2-Dichloroethene	0.22	U	1.7	0.22
156-59-2	cis-1,2-Dichloroethene	0.19	U	1.7	0.19
67-66-3	Chloroform	0.41	U	1.7	0.41
78-93-3	2-Butanone	2.9	J	8.5	1.1
107-06-2	1,2-Dichloroethane	0.31	U	1.7	0.31
71-55-6	1,1,1-Trichloroethane	0.22	U	1.7	0.22
56-23-5	Carbon tetrachloride	0.25	U	1.7	0.25
71-43-2	Benzene	0.25	U	1.7	0.25
75-25-2	Bromoform	0.29	U	1.7	0.29
100-42-5	Styrene	0.48	U	1.7	0.48
179601-23-1	m&p-Xylene	1.0	U	1.7	1.0
95-47-6	o-Xylene	0.32	U	1.7	0.32
100-41-4	Ethylbenzene	0.29	U	1.7	0.29
108-90-7	Chlorobenzene	0.31	U	1.7	0.31
110-82-7	Cyclohexane	0.22	U	1.7	0.22
98-82-8	Isopropylbenzene	0.19	U	1.7	0.19
591-78-6	2-Hexanone	0.22	U	8.5	0.22
1634-04-4	MTBE	0.19	U	1.7	0.19
76-13-1	Freon TF	0.19	U	1.7	0.19
79-20-9	Methyl acetate	0.54	U	8.5	0.54
123-91-1	1,4-Dioxane	22	U	34	22
79-01-6	Trichloroethene	0.20	U	1.7	0.20
108-88-3	Toluene	0.24	U	1.7	0.24
10061-02-6	trans-1,3-Dichloropropene	0.17	U	1.7	0.17
108-10-1	4-Methyl-2-pentanone	0.34	U	8.5	0.34
10061-01-5	cis-1,3-Dichloropropene	0.24	U	1.7	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Matrix: Solid | Lab File ID: K28522.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.63(g) | Date Analyzed: 06/22/2014 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.9 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.17	U	1.7	0.17
541-73-1	1,3-Dichlorobenzene	0.27	U	1.7	0.27
106-46-7	1,4-Dichlorobenzene	0.19	U	1.7	0.19
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.7	0.32
87-61-6	1,2,3-Trichlorobenzene	0.27	U	1.7	0.27
78-87-5	1,2-Dichloropropane	0.25	U	1.7	0.25
108-87-2	Methylcyclohexane	0.17	U	1.7	0.17
127-18-4	Tetrachloroethene	0.20	U	1.7	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1.7	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	1.7	0.15
79-00-5	1,1,2-Trichloroethane	0.24	U	1.7	0.24
124-48-1	Dibromochloromethane	0.17	U	1.7	0.17
106-93-4	1,2-Dibromoethane	0.25	U	1.7	0.25
75-71-8	Dichlorodifluoromethane	0.37	U	1.7	0.37
74-97-5	Bromochloromethane	0.19	U	1.7	0.19
75-27-4	Bromodichloromethane	0.54	U	1.7	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	87		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 Lab Sample ID: 460-78044-2

Matrix: Solid Lab File ID: K28522.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.63(g) Date Analyzed: 06/22/2014 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.9 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 11:22:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D
Lims ID: 460-78044-B-2-A Lab Sample ID: 460-78044-2
Client ID: S-2
Sample Type: Client
Inject. Date: 22-Jun-2014 11:13:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-2-A
Misc. Info.: 460-0014879-012
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:22:35 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:06:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.991	2.990	0.001	79	23584	18.6	
21 Carbon disulfide	76	3.092	3.092	0.000	89	7980	0.4086	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	44	294356	1000.0	
25 Methylene Chloride	84	3.344	3.354	-0.010	13	924	0.1891	
43 2-Butanone (MEK)	72	4.494	4.499	-0.005	94	646	1.74	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	180290	50.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.280	0.000	89	170673	47.4	
* 59 Fluorobenzene	96	5.559	5.558	0.001	99	614013	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	96	20107	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	557894	44.9	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	411777	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	95	157309	43.4	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	204638	50.0	

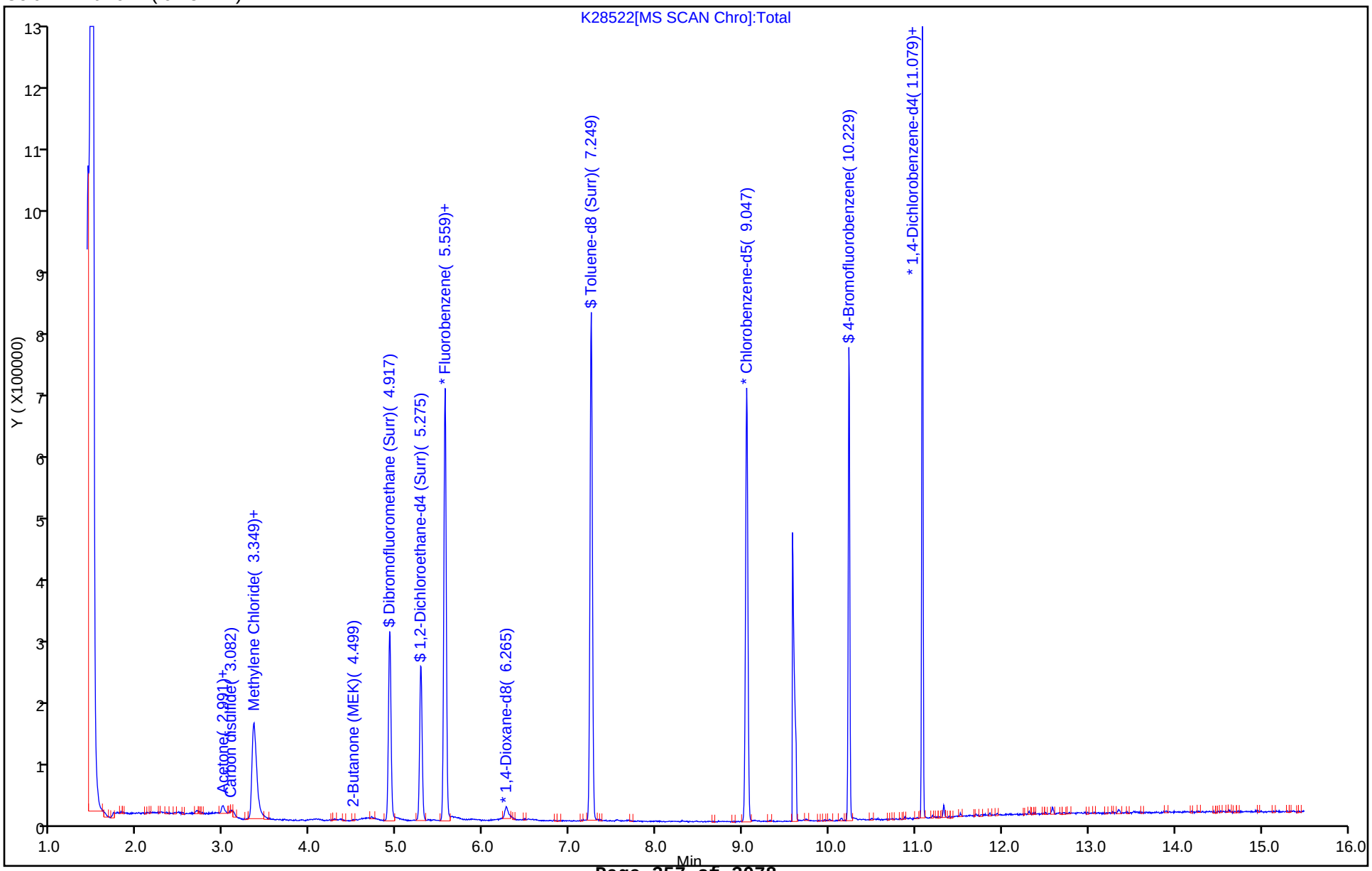
Report Date: 23-Jun-2014 11:22:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D

Injection Date:	22-Jun-2014 11:13:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-2-A	Lab Sample ID:	460-78044-2	Worklist Smp#:	12
Client ID:	S-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



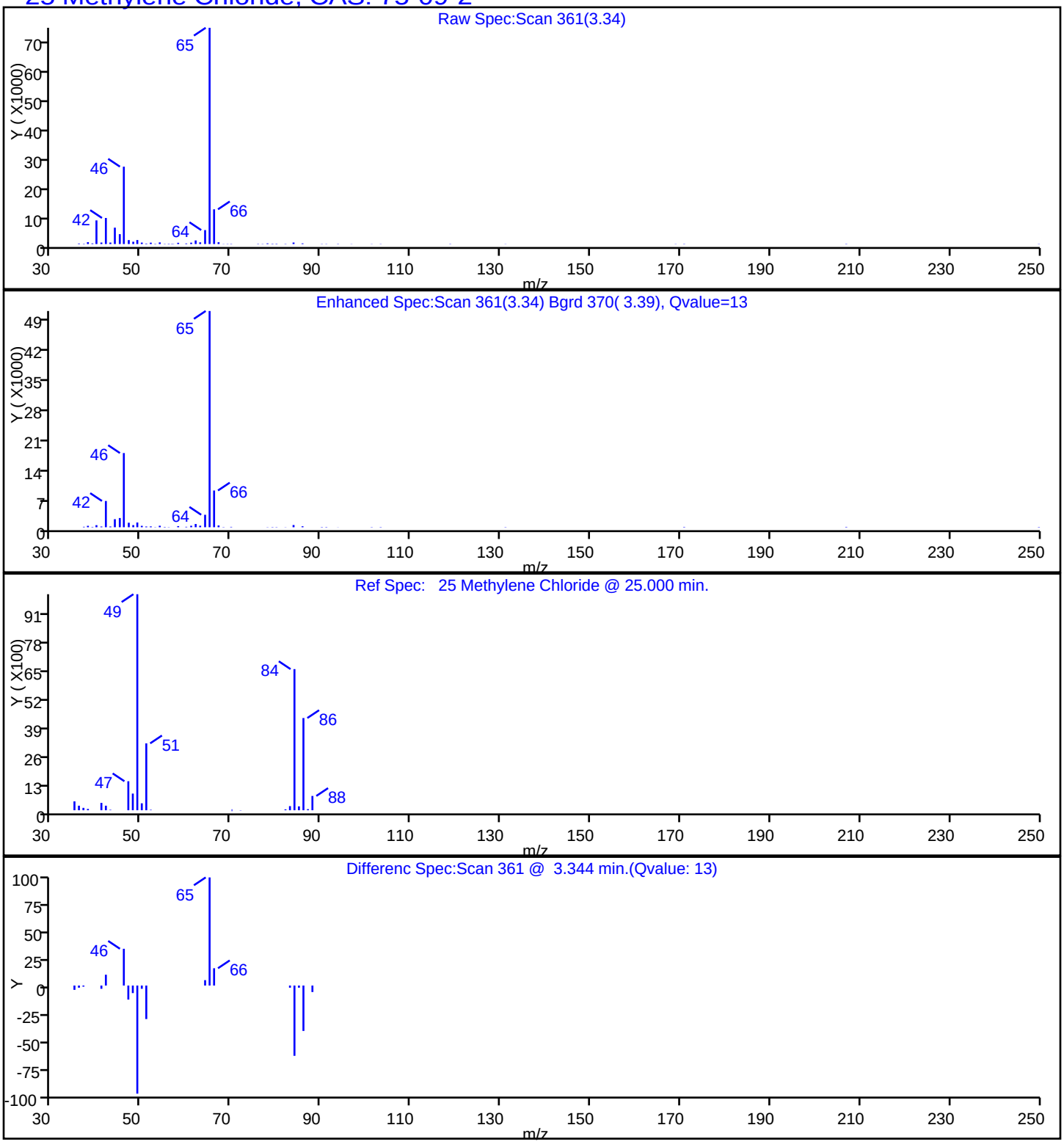
Report Date: 23-Jun-2014 11:22:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D

Injection Date:	22-Jun-2014 11:13:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 Methylene Chloride, CAS: 75-09-2



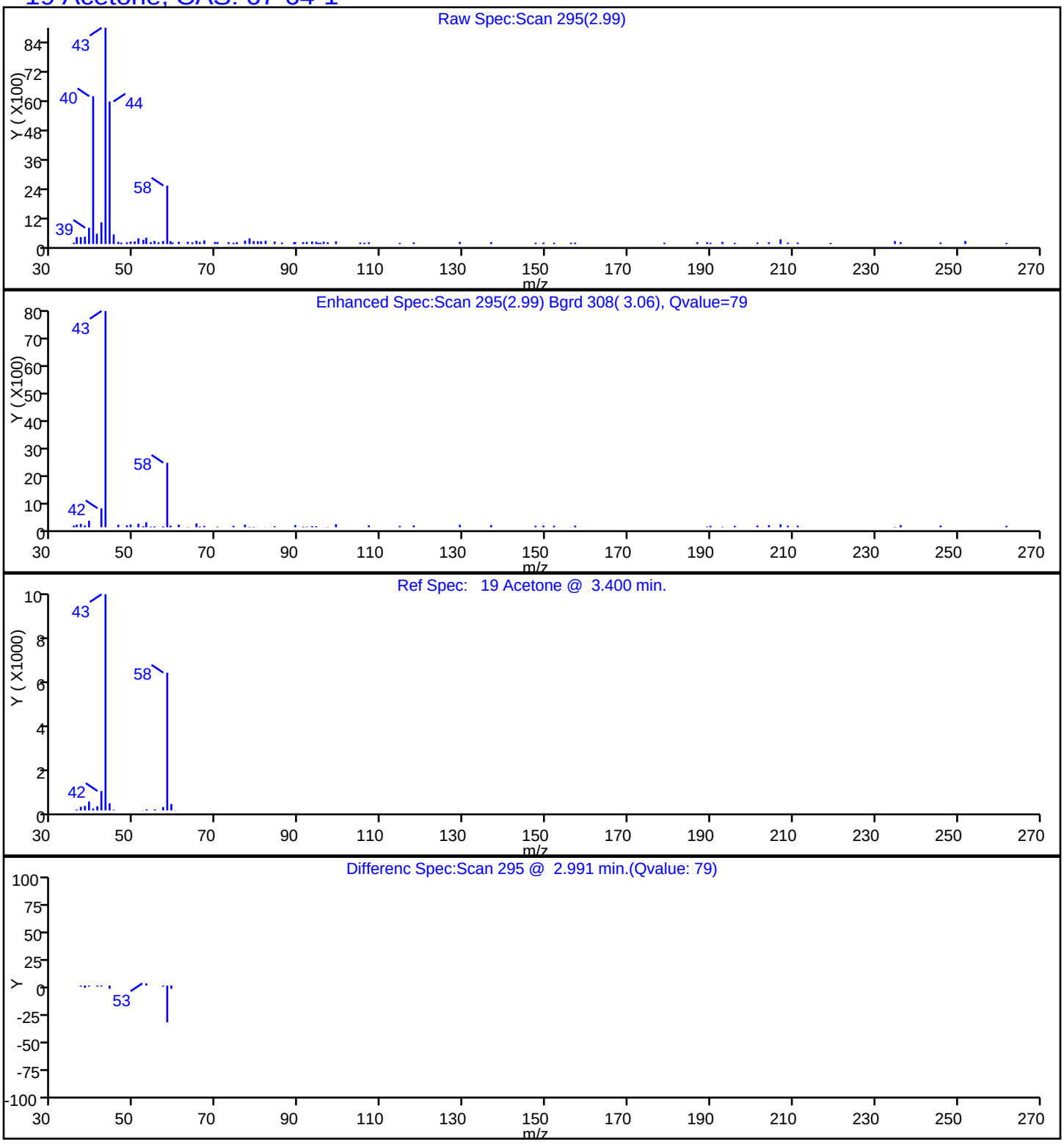
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D

Injection Date:	22-Jun-2014 11:13:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



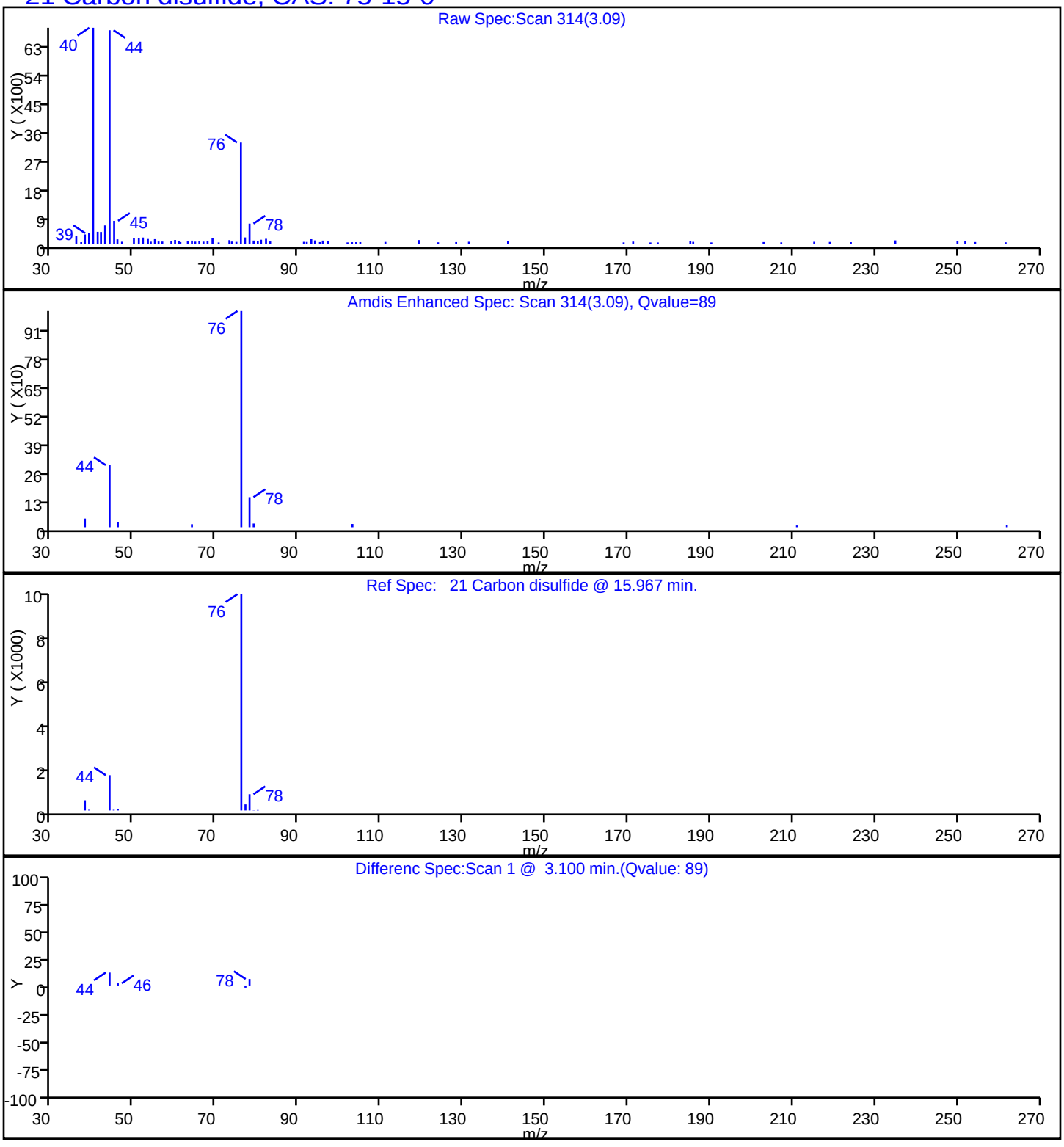
Report Date: 23-Jun-2014 11:22:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D

Injection Date:	22-Jun-2014 11:13:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



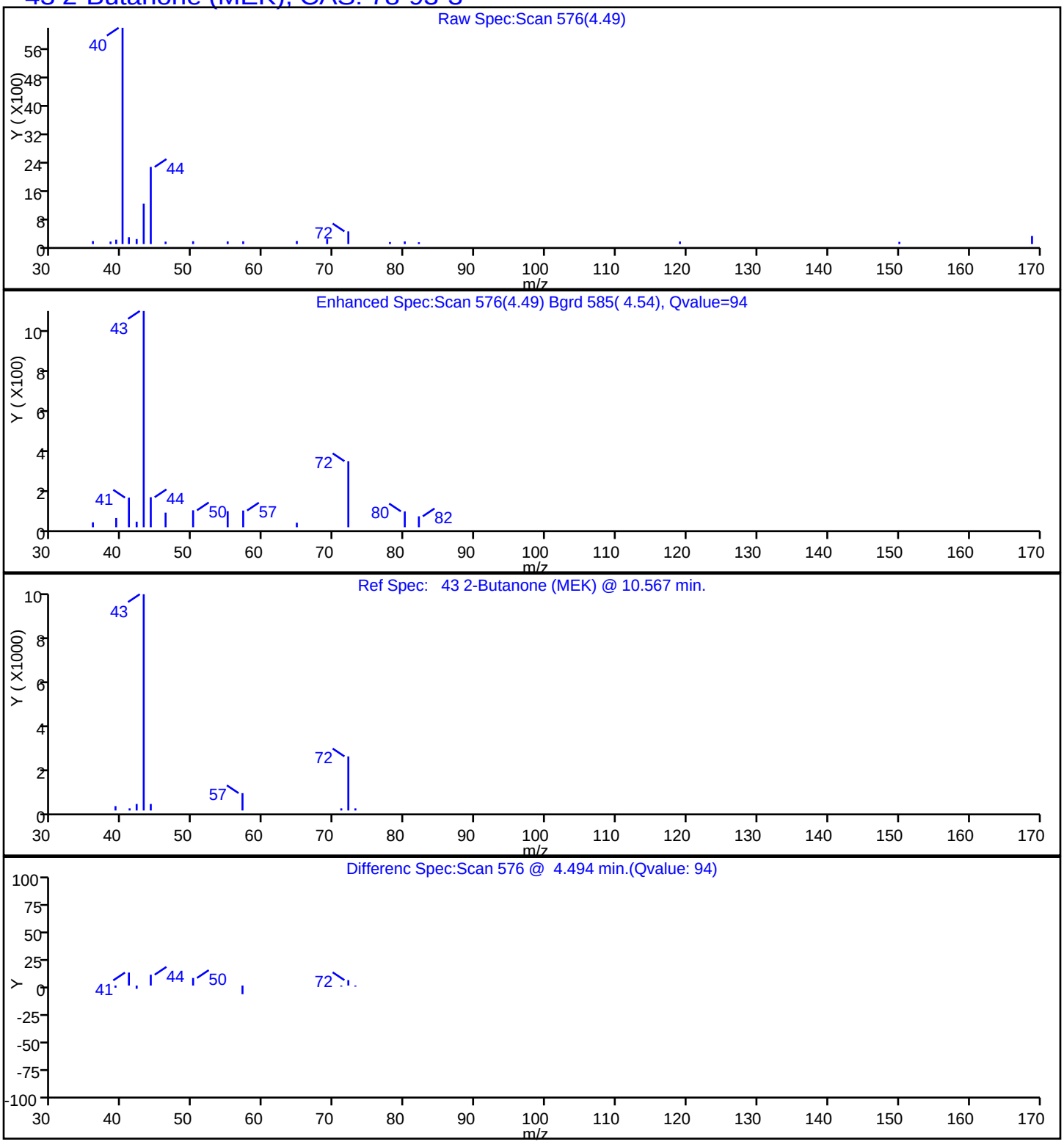
Report Date: 23-Jun-2014 11:22:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28522.D

Injection Date:	22-Jun-2014 11:13:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 Lab Sample ID: 460-78044-3

Matrix: Solid Lab File ID: J14663.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.23(g) Date Analyzed: 06/24/2014 14:46

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

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.6 Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15	U	160	15
74-83-9	Bromomethane	28	U	160	28
75-01-4	Vinyl chloride	23	U	160	23
75-00-3	Chloroethane	27	U *	160	27
75-09-2	Methylene Chloride	29	U	160	29
67-64-1	Acetone	420	U	780	420
75-15-0	Carbon disulfide	20	U	160	20
75-69-4	Trichlorofluoromethane	23	U	160	23
75-35-4	1,1-Dichloroethene	14	U	160	14
75-34-3	1,1-Dichloroethane	20	U	160	20
156-60-5	trans-1,2-Dichloroethene	20	U	160	20
156-59-2	cis-1,2-Dichloroethene	28	U	160	28
67-66-3	Chloroform	12	U	160	12
78-93-3	2-Butanone	360	U	780	360
107-06-2	1,2-Dichloroethane	30	U	160	30
71-55-6	1,1,1-Trichloroethane	9.7	U	160	9.7
56-23-5	Carbon tetrachloride	8.9	U	160	8.9
71-43-2	Benzene	280		160	13
75-25-2	Bromoform	30	U	160	30
100-42-5	Styrene	180		160	19
179601-23-1	m&p-Xylene	640		160	38
95-47-6	o-Xylene	3800		160	20
100-41-4	Ethylbenzene	6600		160	15
108-90-7	Chlorobenzene	17	U	160	17
110-82-7	Cyclohexane	25	U	160	25
98-82-8	Isopropylbenzene	4800		160	12
591-78-6	2-Hexanone	78	U	780	78
1634-04-4	MTBE	22	U	160	22
76-13-1	Freon TF	13	U	160	13
79-20-9	Methyl acetate	53	U	780	53
123-91-1	1,4-Dioxane	5600	U *	3900	5600
79-01-6	Trichloroethene	14	U	160	14
108-88-3	Toluene	430		160	23
10061-02-6	trans-1,3-Dichloropropene	38	U	160	38
108-10-1	4-Methyl-2-pentanone	150	U	780	150
10061-01-5	cis-1,3-Dichloropropene	29	U	160	29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Matrix: Solid | Lab File ID: J14663.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.23(g) | Date Analyzed: 06/24/2014 14:46

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

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.6 | Level: (low/med) Medium

Analysis Batch No.: 232468 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	32	U	160	32
541-73-1	1,3-Dichlorobenzene	21	U	160	21
106-46-7	1,4-Dichlorobenzene	36	U	160	36
120-82-1	1,2,4-Trichlorobenzene	54	U	160	54
87-61-6	1,2,3-Trichlorobenzene	80	U	160	80
78-87-5	1,2-Dichloropropane	13	U	160	13
108-87-2	Methylcyclohexane	84	J	160	21
127-18-4	Tetrachloroethene	15	U	160	15
96-12-8	1,2-Dibromo-3-Chloropropane	63	U	160	63
79-34-5	1,1,2,2-Tetrachloroethane	25	U	160	25
79-00-5	1,1,2-Trichloroethane	29	U	160	29
124-48-1	Dibromochloromethane	31	U	160	31
106-93-4	1,2-Dibromoethane	43	U	160	43
75-71-8	Dichlorodifluoromethane	34	U	160	34
74-97-5	Bromochloromethane	43	U	160	43
75-27-4	Bromodichloromethane	20	U	160	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		75-135
2037-26-5	Toluene-d8 (Surr)	75		59-150
460-00-4	Bromofluorobenzene	82		72-133
1868-53-7	Dibromofluoromethane (Surr)	77		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 Lab Sample ID: 460-78044-3

Matrix: Solid Lab File ID: J14663.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 4.23(g) Date Analyzed: 06/24/2014 14:46

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

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 24.6 Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 244000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
611-14-3	Benzene, 1-ethyl-2-methyl-	10.54	13000	J N
622-96-8	Benzene, 1-ethyl-4-methyl-	10.97	11000	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.38	11000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.91	18000	J N
65051-83-4	Benzene, (1-methyl-2-cyclopropen-1-yl)-	11.97	30000	J N
2177-47-1	2-Methylindene	12.04	19000	J N
91-20-3	Naphthalene	12.35	21000	J N
2177-48-2	1H-Indene, 1,3-dimethyl-	12.81	14000	J N
91-57-6	Naphthalene, 2-methyl-	13.16	15000	J N
90-12-0	Naphthalene, 1-methyl-	13.33	92000	J N

Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D
Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 24-Jun-2014 14:46:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-78044-A-3-A
Misc. Info.: 460-0014962-009
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:48:50 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: martineze Date: 24-Jun-2014 17:45:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.169	3.150	0.019	44	406554	1000.0	
$ 152 Dibromofluoromethane (Surr	113	4.697	4.695	0.002	94	178515	38.5	
53 Benzene	78	5.026	5.030	-0.004	92	33859	1.80	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.050	5.048	0.002	90	271547	39.0	
* 59 Fluorobenzene	96	5.320	5.318	0.002	97	955564	50.0	
63 Methylcyclohexane	83	5.796	5.794	0.002	78	3022	0.5362	
* 150 1,4-Dioxane-d8	96	6.031	6.023	0.008	81	48445	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.989	6.992	-0.003	98	660741	37.7	
77 Toluene	91	7.065	7.069	-0.004	92	48699	2.75	
* 87 Chlorobenzene-d5	117	8.781	8.784	-0.003	88	637359	50.0	
89 Ethylbenzene	106	8.922	8.920	0.002	99	239930	41.9	
91 m-Xylene & p-Xylene	106	9.080	9.078	0.002	95	28661	4.08	
92 o-Xylene	106	9.533	9.531	0.002	89	167422	24.3	
94 Styrene	104	9.562	9.560	0.002	80	14379	1.17	
98 Isopropylbenzene	105	9.879	9.877	0.002	97	472593	30.8	
$ 99 4-Bromofluorobenzene	174	10.061	10.059	0.002	79	167943	41.2	
* 116 1,4-Dichlorobenzene-d4	152	10.937	10.941	-0.004	87	309932	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D
Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 24-Jun-2014 14:46:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-78044-A-3-A
Misc. Info.: 460-0014962-009
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:48:50 Calib Date: 04-Jun-2014 03:26:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: martineze Date: 24-Jun-2014 17:45:24

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	611-14-3 Benzene, 1-ethyl-2-methyl-							
10.543	3329834	82.2	116	94	9130	C9H12	120	
	622-96-8 Benzene, 1-ethyl-4-methyl-							
10.966	2970609	73.4	116	91	9135	C9H12	120	I
	933-98-2 Benzene, 1-ethyl-2,3-dimethyl-							
11.383	2761399	68.2	116	96	14369	C10H14	134	
	76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl							
11.906	4547452	112.3	116	96	14434	C10H14	134	
	65051-83-4 Benzene, (1-methyl-2-cyclopropen-1-yl)-							
11.971	7695488	190.0	116	97	12694	C10H10	130	
	2177-47-1 2-Methylindene							
12.041	4964706	122.6	116	96	12660	C10H10	130	I
	91-20-3 Naphthalene							
12.353	5333801	131.7	116	95	11563	C10H8	128	
	2177-48-2 1H-Indene, 1,3-dimethyl-							
12.811	3721603	91.9	116	93	19596	C11H12	144	
	91-57-6 Naphthalene, 2-methyl-							
13.164	3786803	93.5	116	96	18501	C11H10	142	
	90-12-0 Naphthalene, 1-methyl-							
13.328	23713429	585.6	116	96	18499	C11H10	142	

Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.937	2024760	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

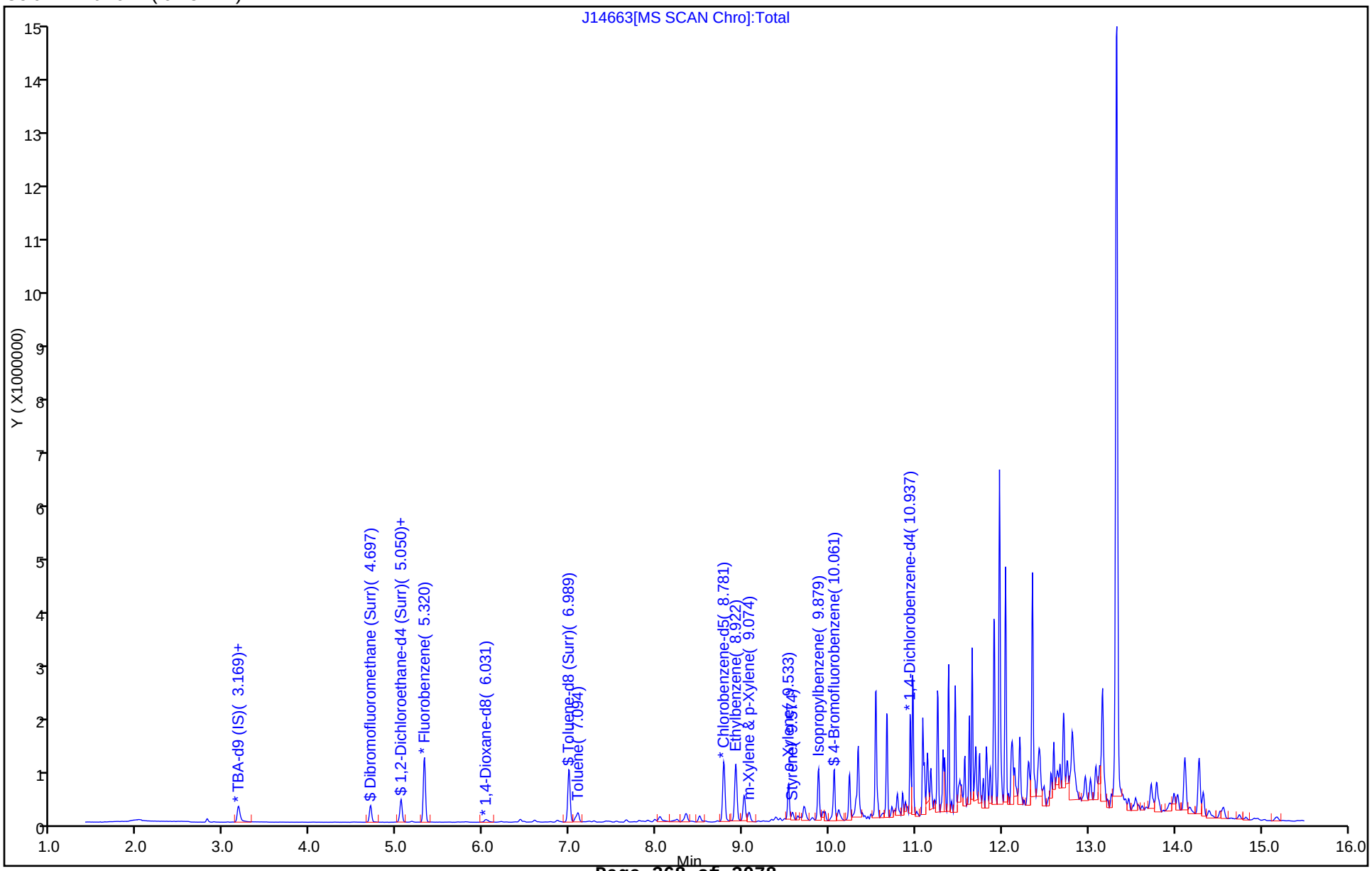
Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3	Worklist Smp#:	9
Client ID:	S-3				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



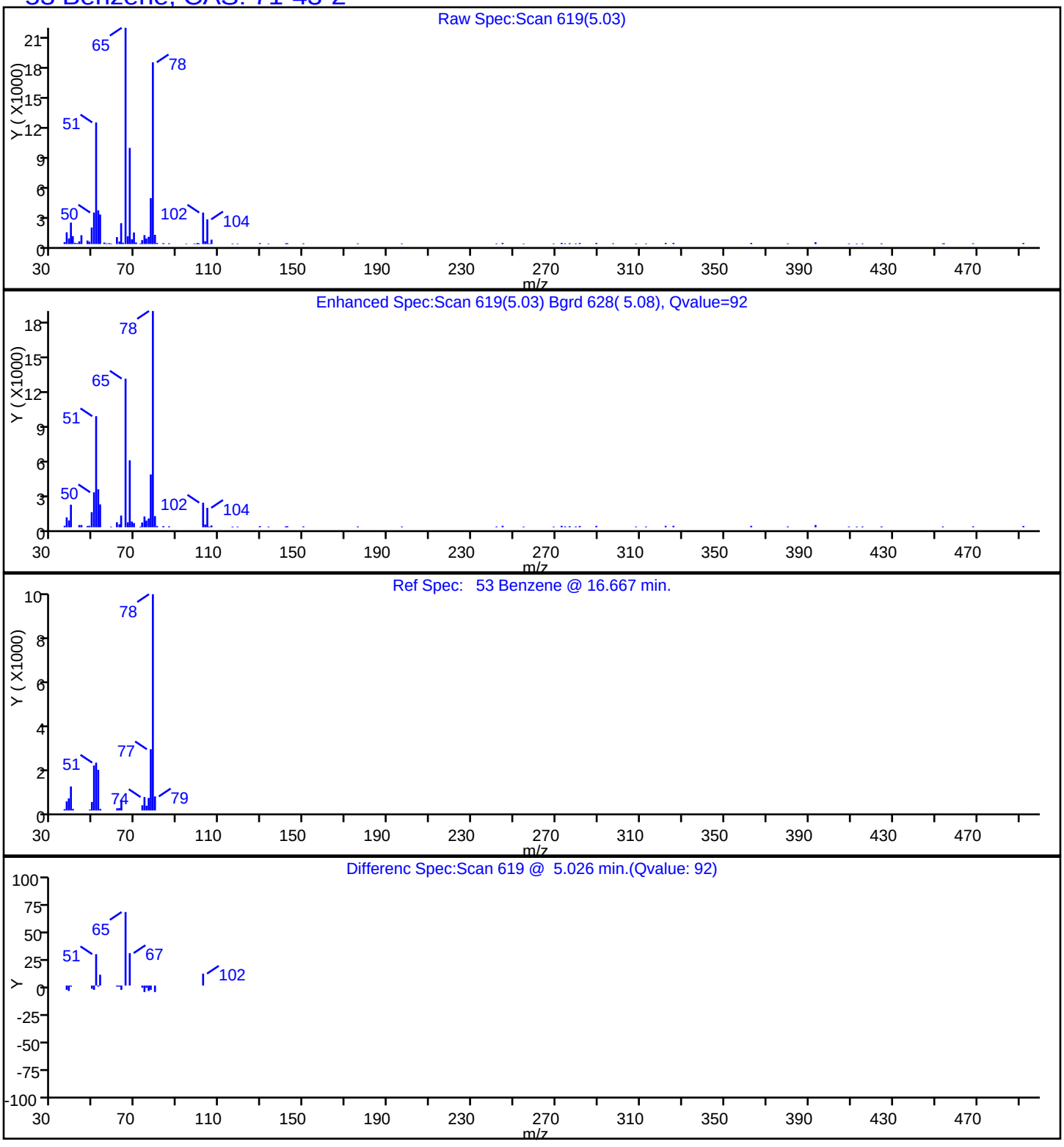
Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

53 Benzene, CAS: 71-43-2



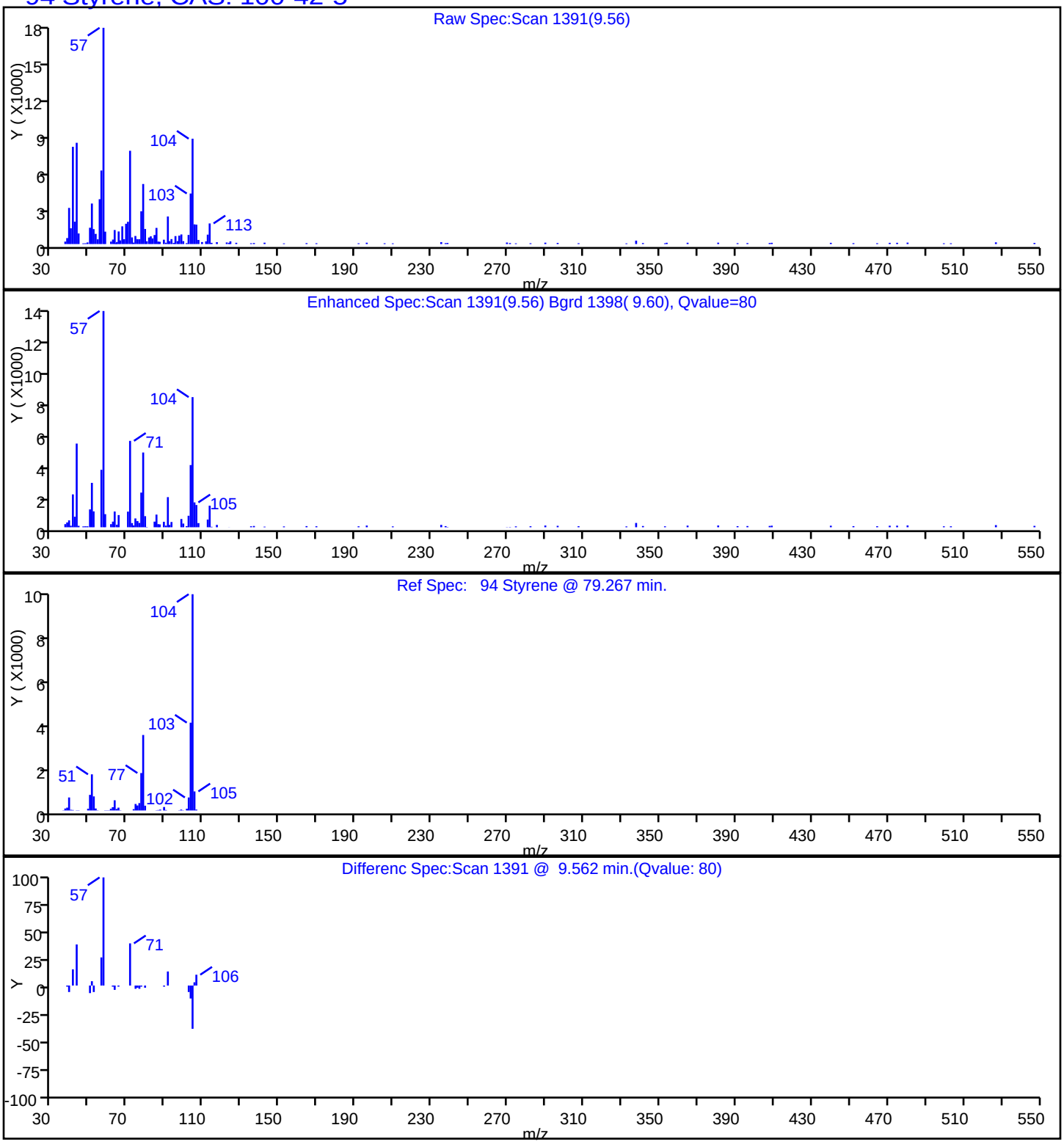
Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3
Client ID:	S-3		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

94 Styrene, CAS: 100-42-5



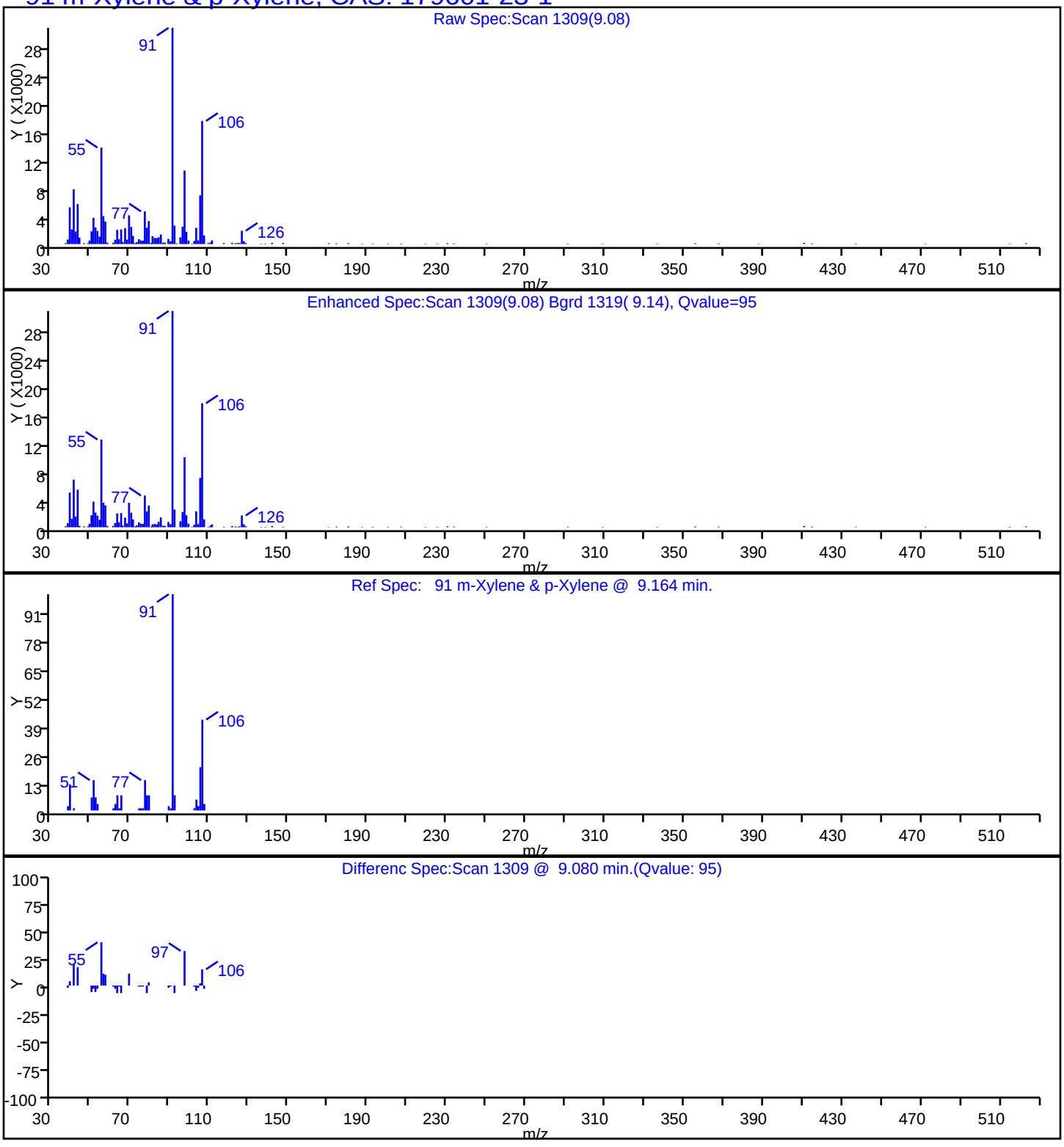
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3
Client ID:	S-3		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

91 m-Xylene & p-Xylene, CAS: 179601-23-1



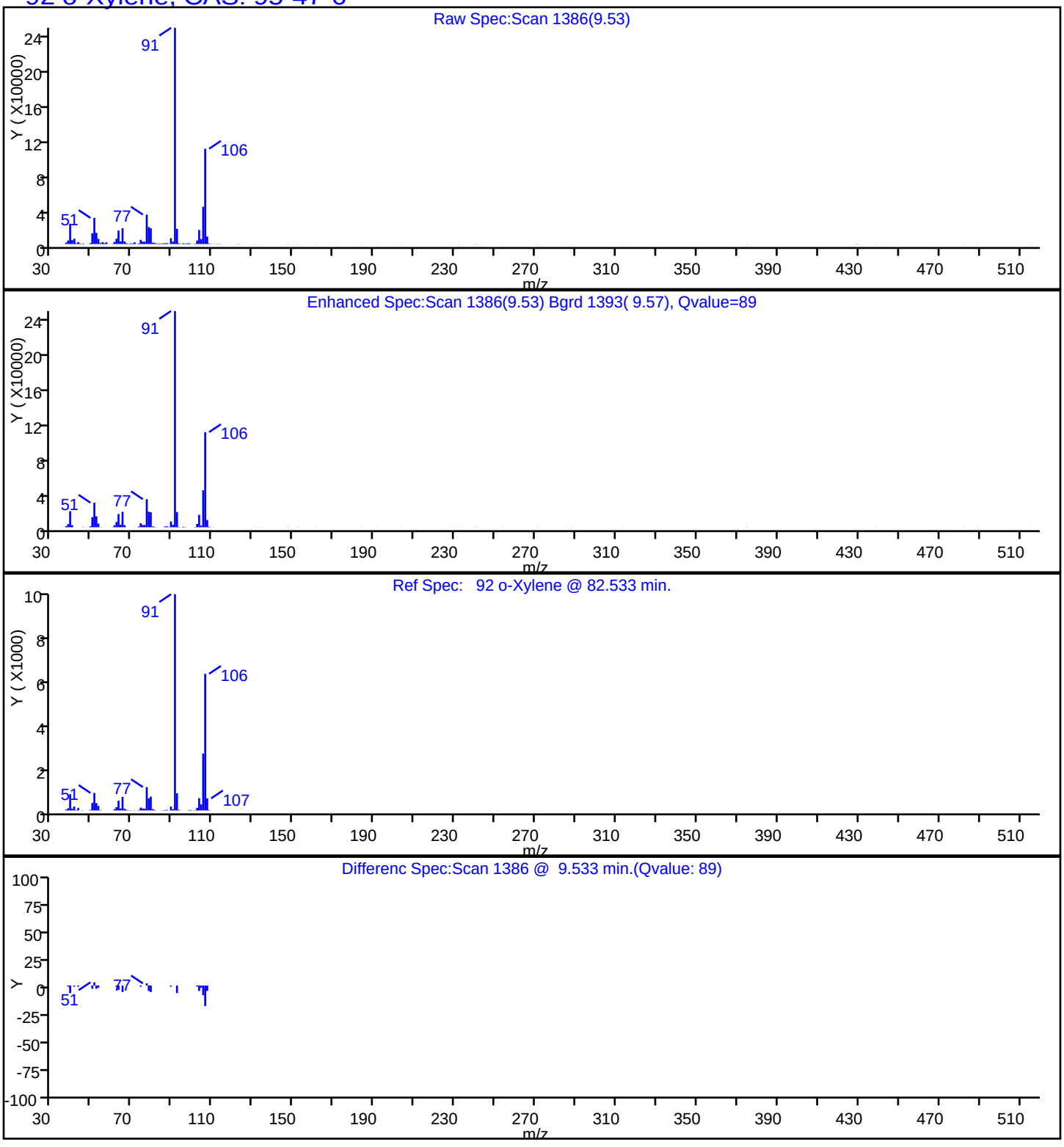
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TestAmerica Edison

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Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6

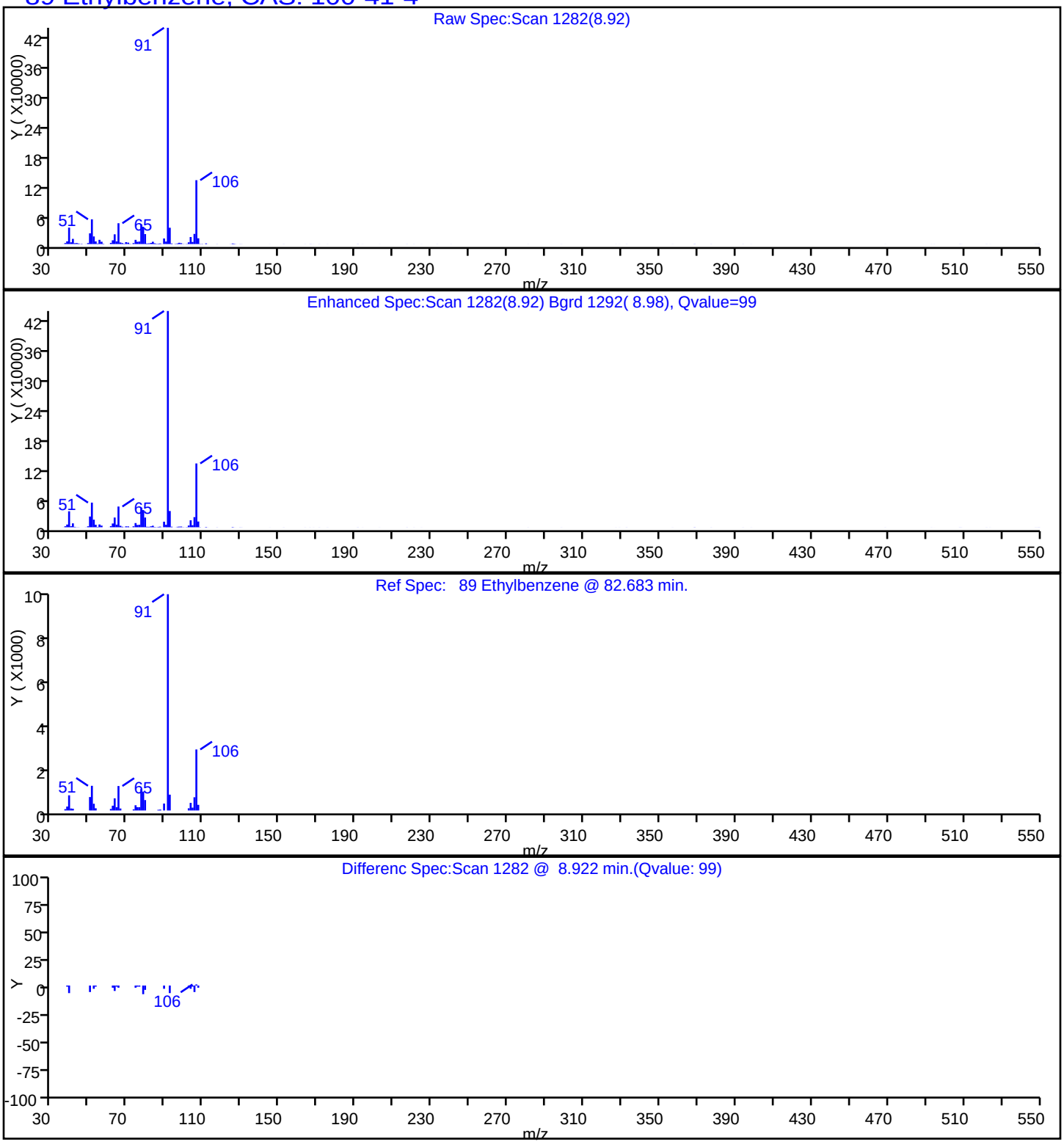


Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D				
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Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



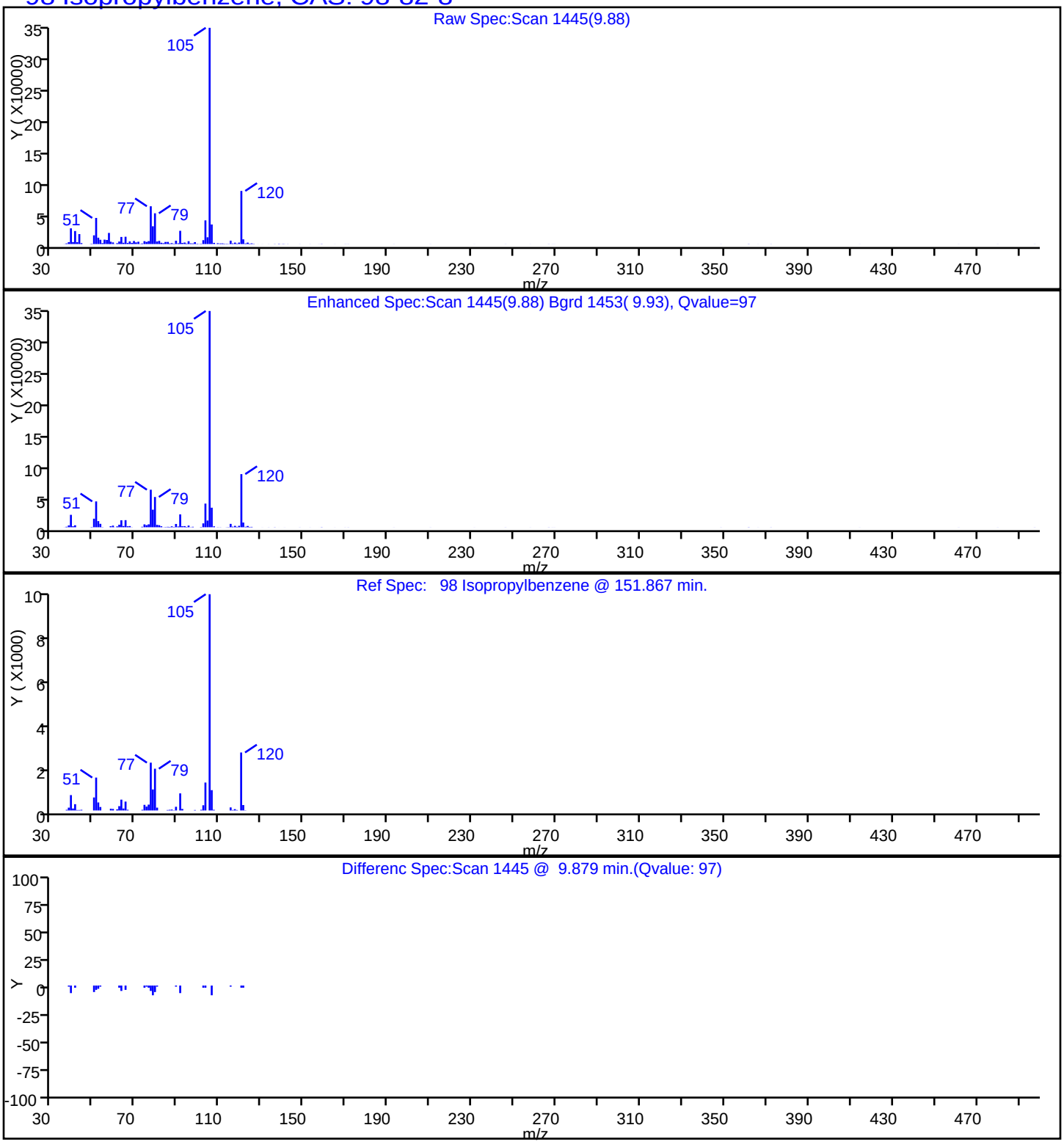
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TestAmerica Edison

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Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



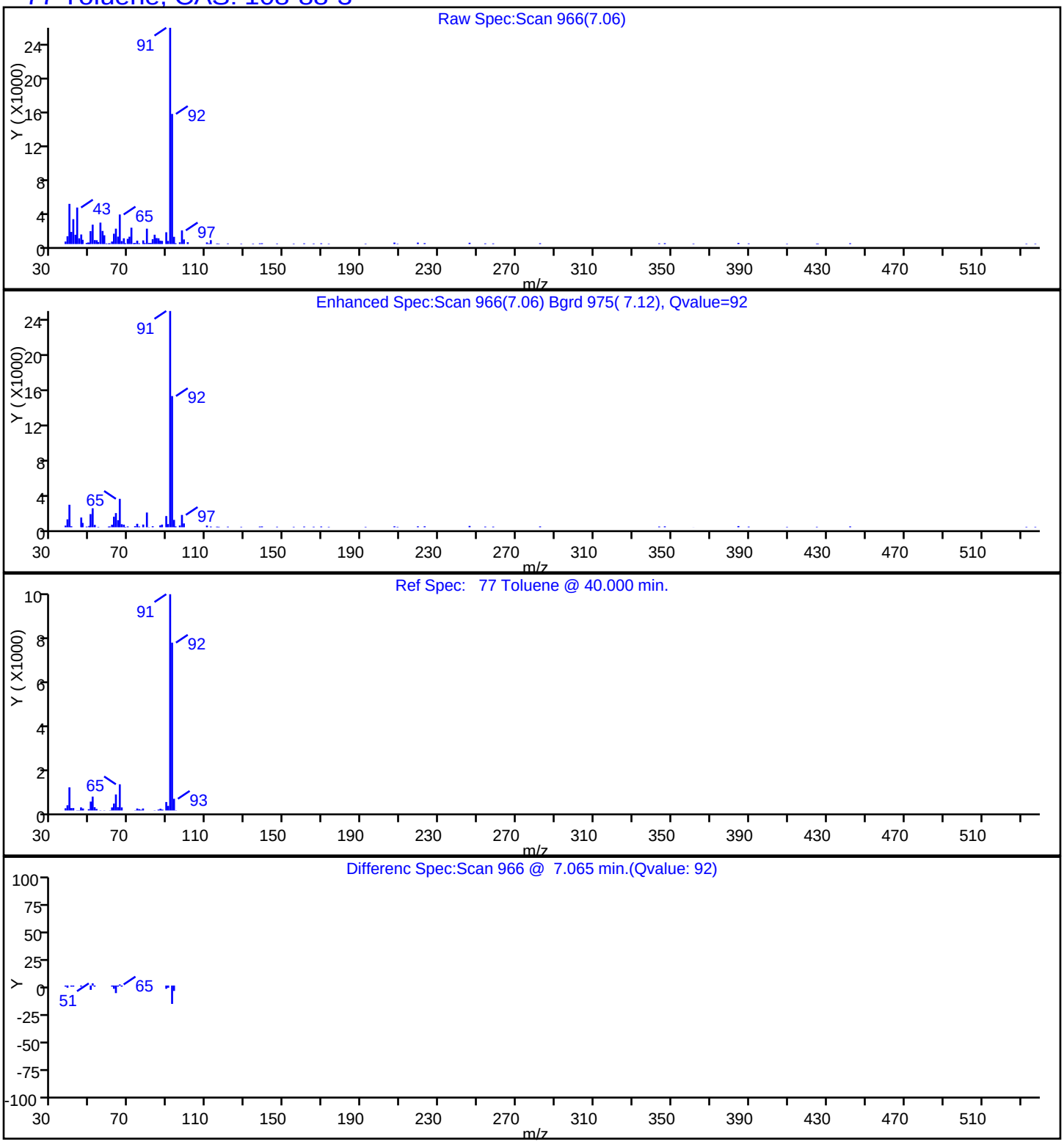
Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date:	24-Jun-2014 14:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-78044-A-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



Report Date: 24-Jun-2014 17:58:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

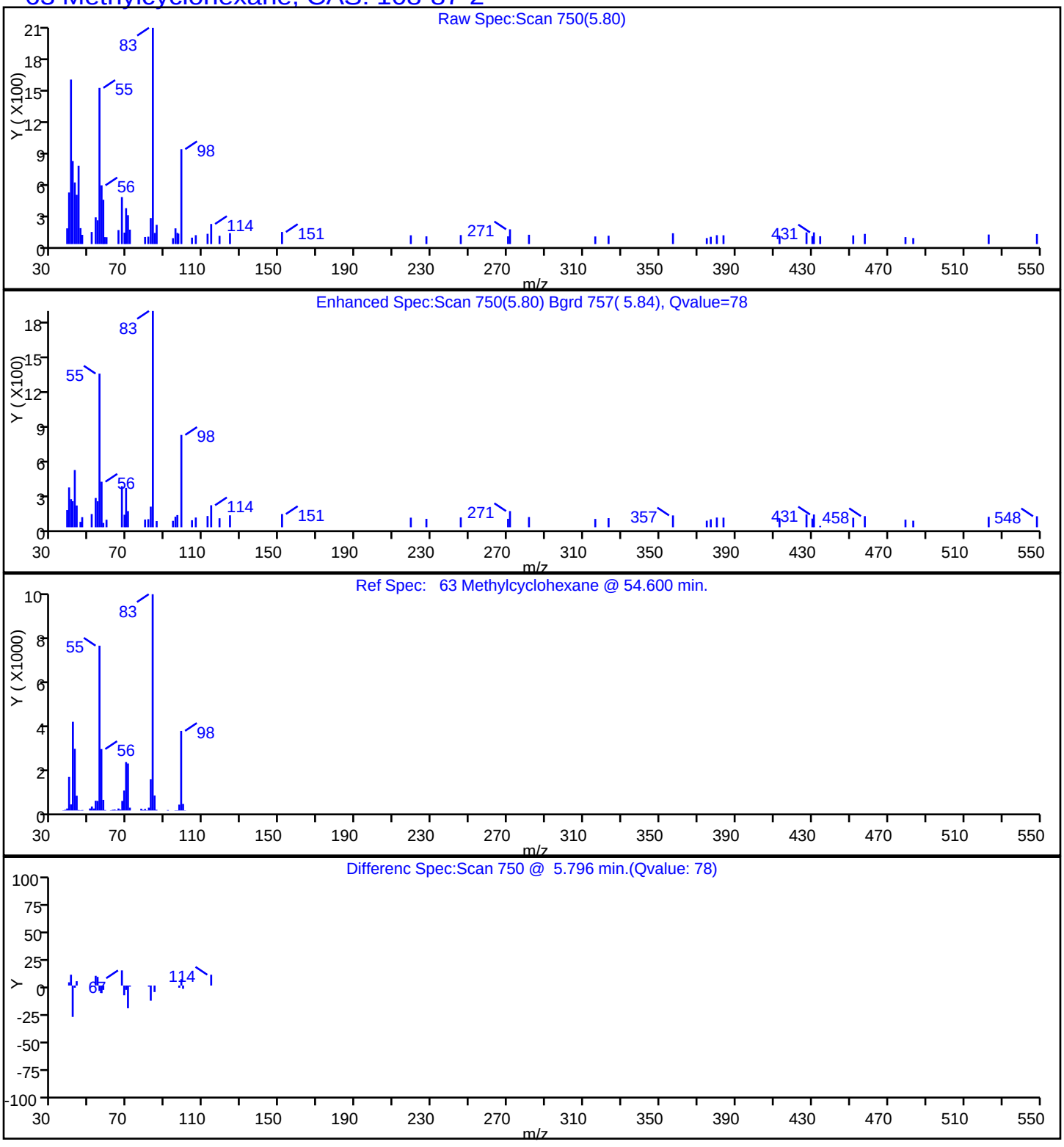
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

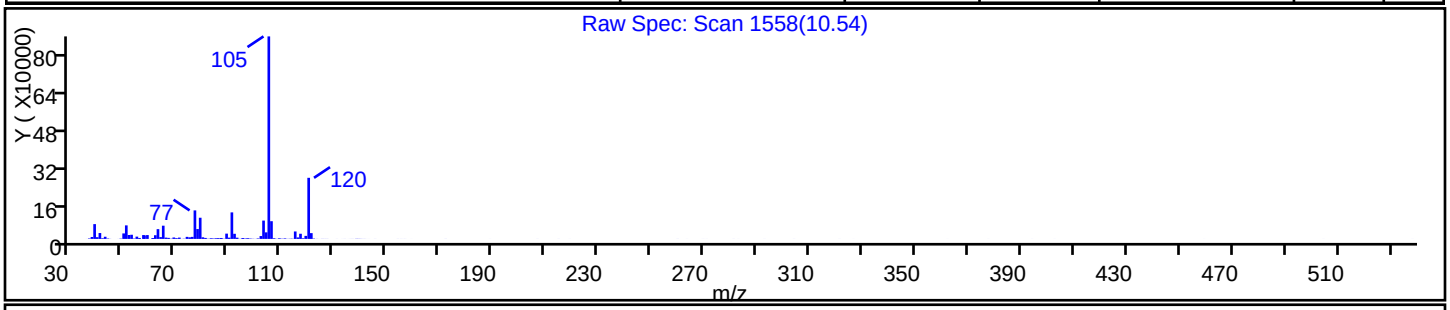
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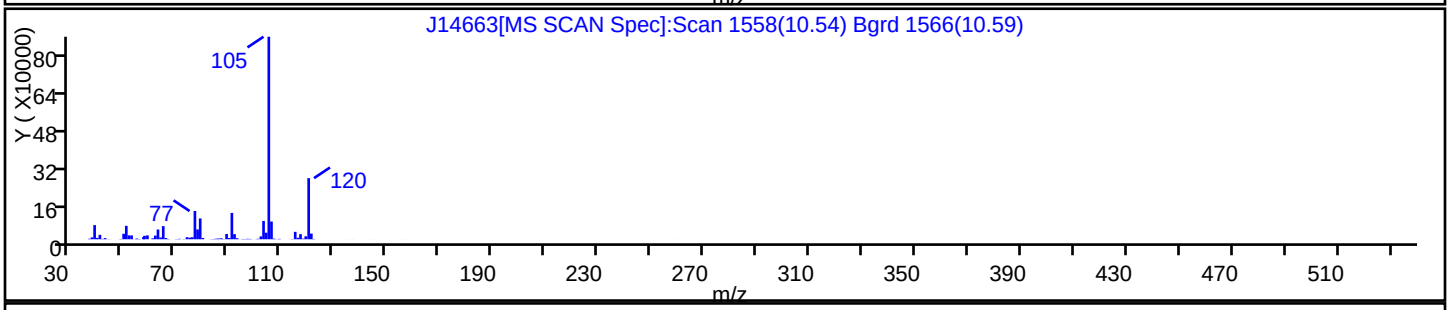
Purge Vol: 5.000 mL Dil. Factor: 50.0000

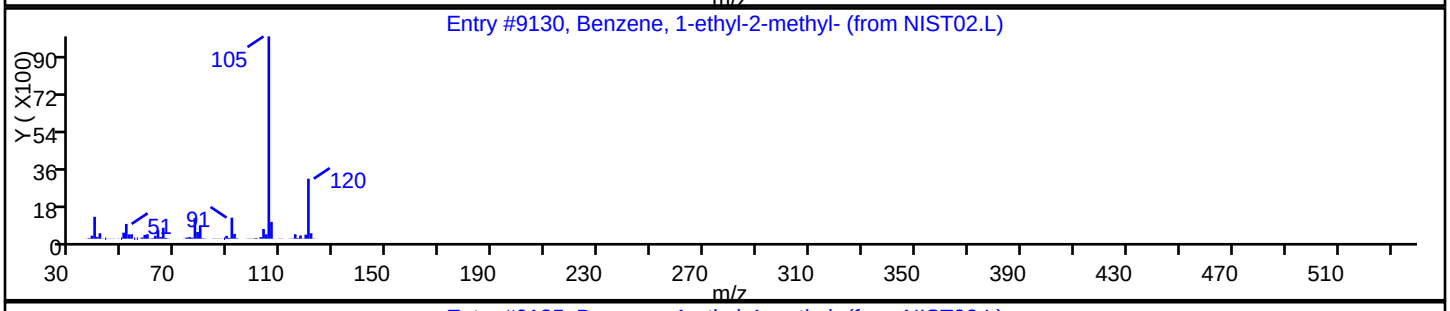
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

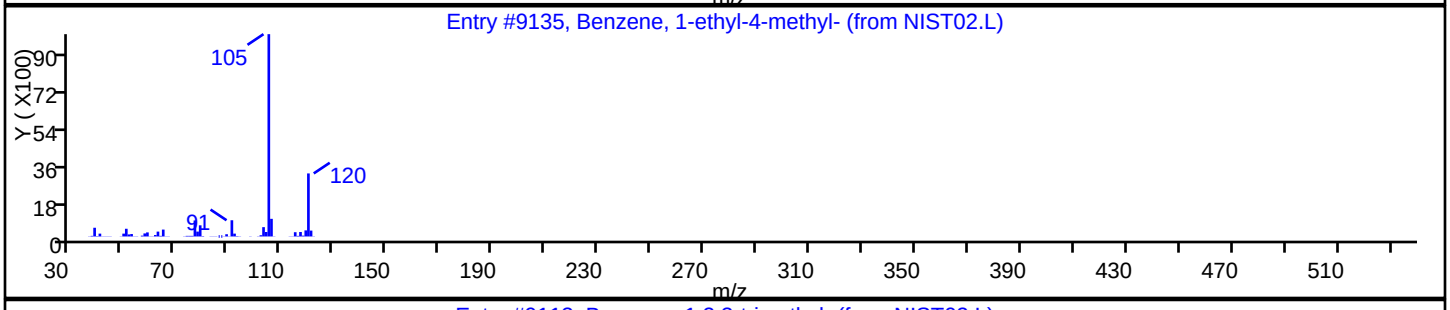
Column: Detector MS SCAN

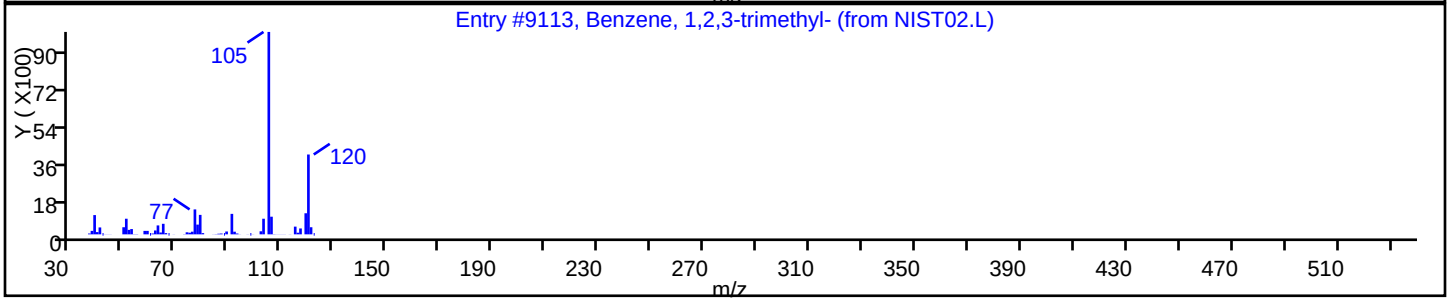
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02	9130	C9H12	120	94
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9135	C9H12	120	91
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	91











Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

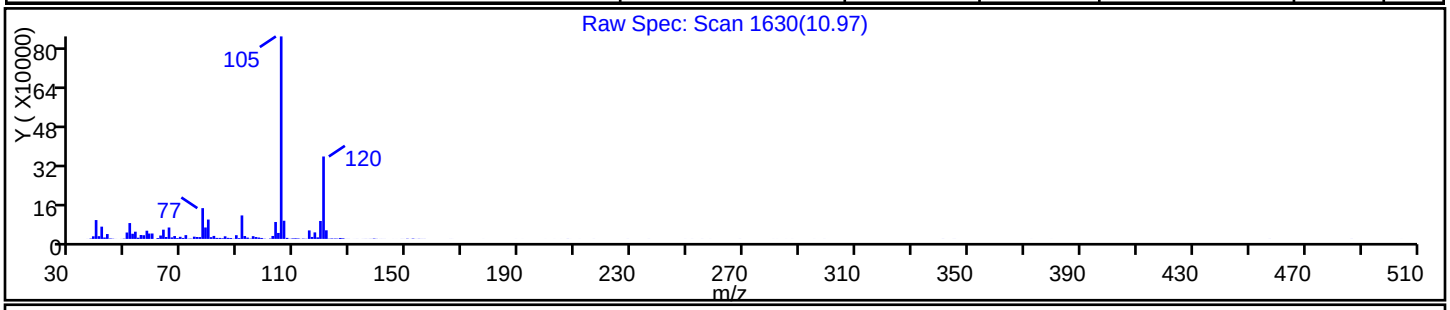
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

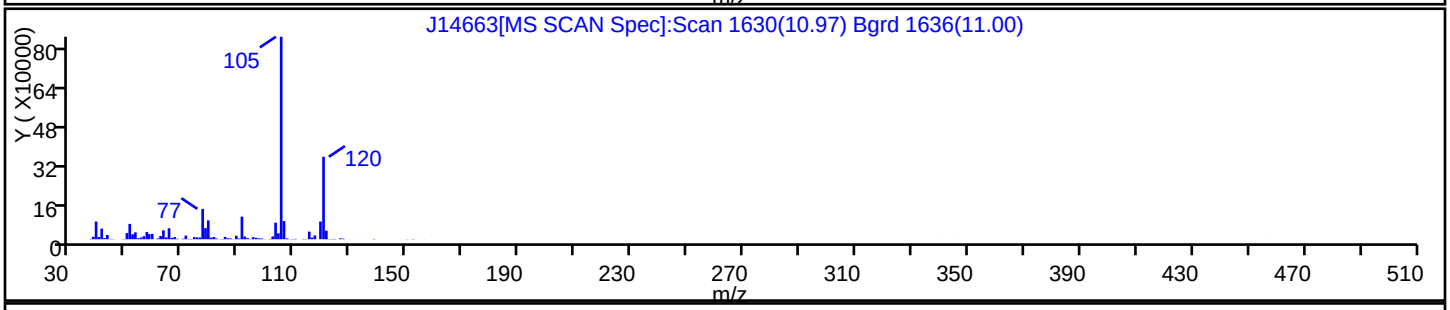
Purge Vol: 5.000 mL Dil. Factor: 50.0000

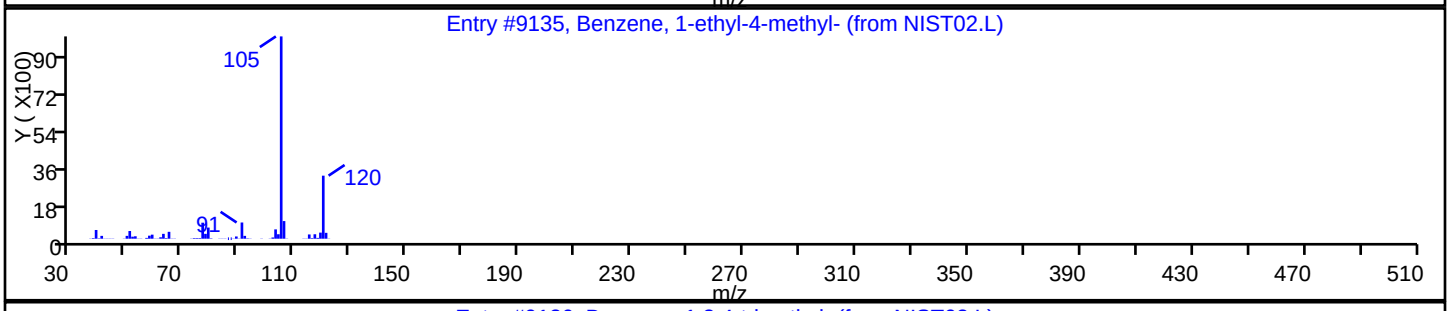
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

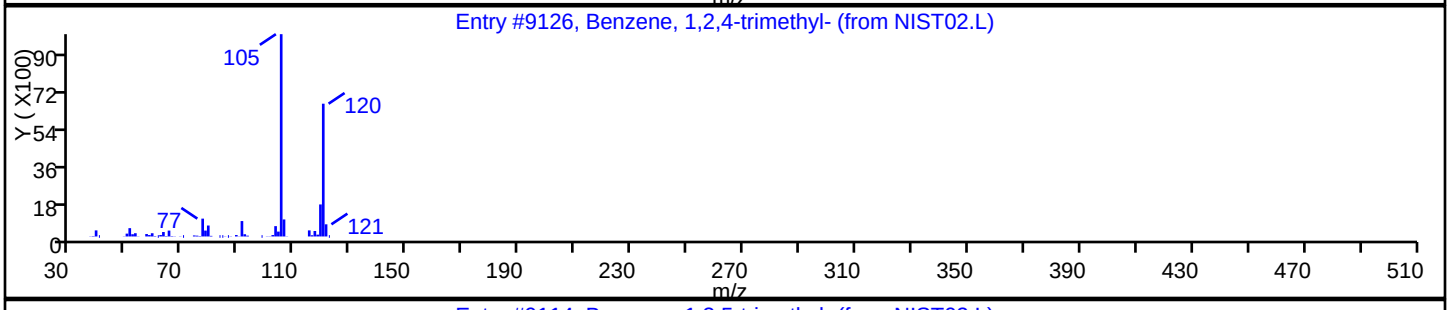
Column: Detector MS SCAN

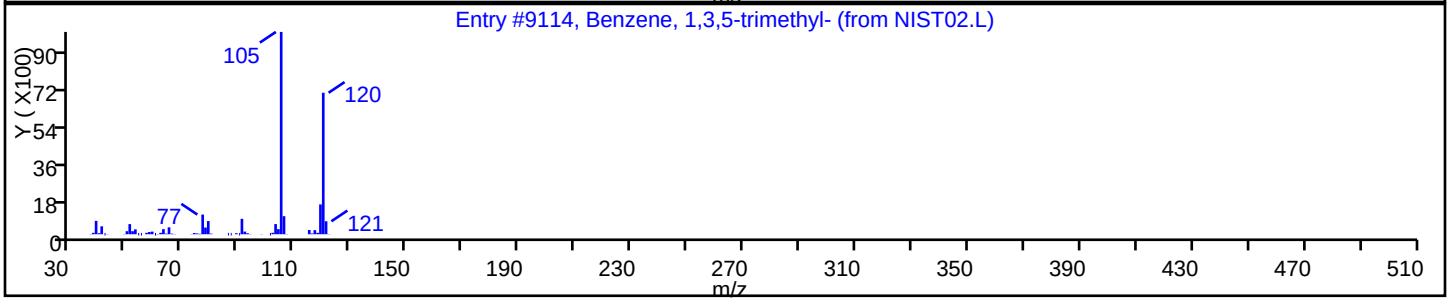
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02	9135	C9H12	120	91
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9114	C9H12	120	94











Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

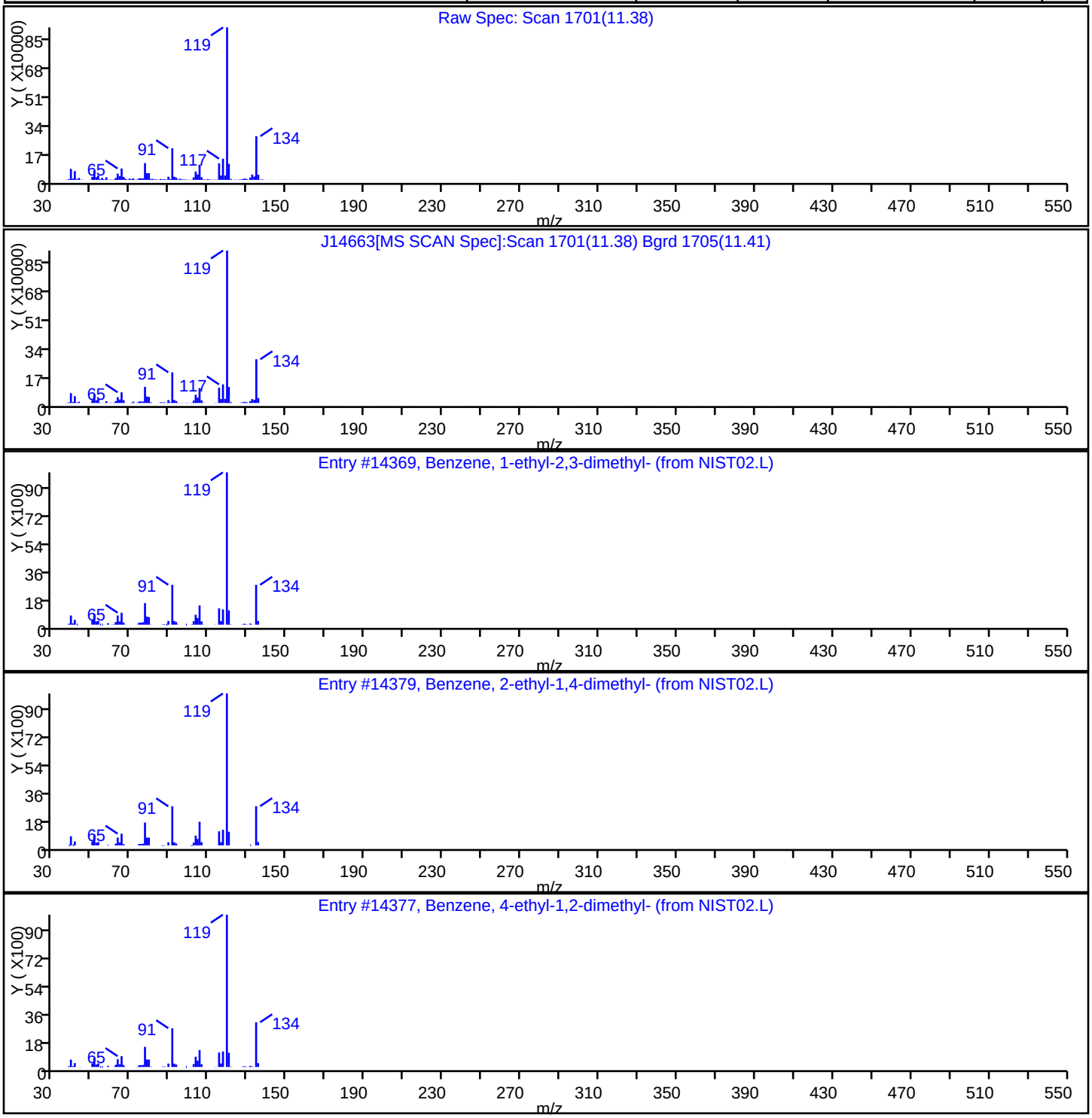
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02	14369	C10H14	134	96
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	96
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	96



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

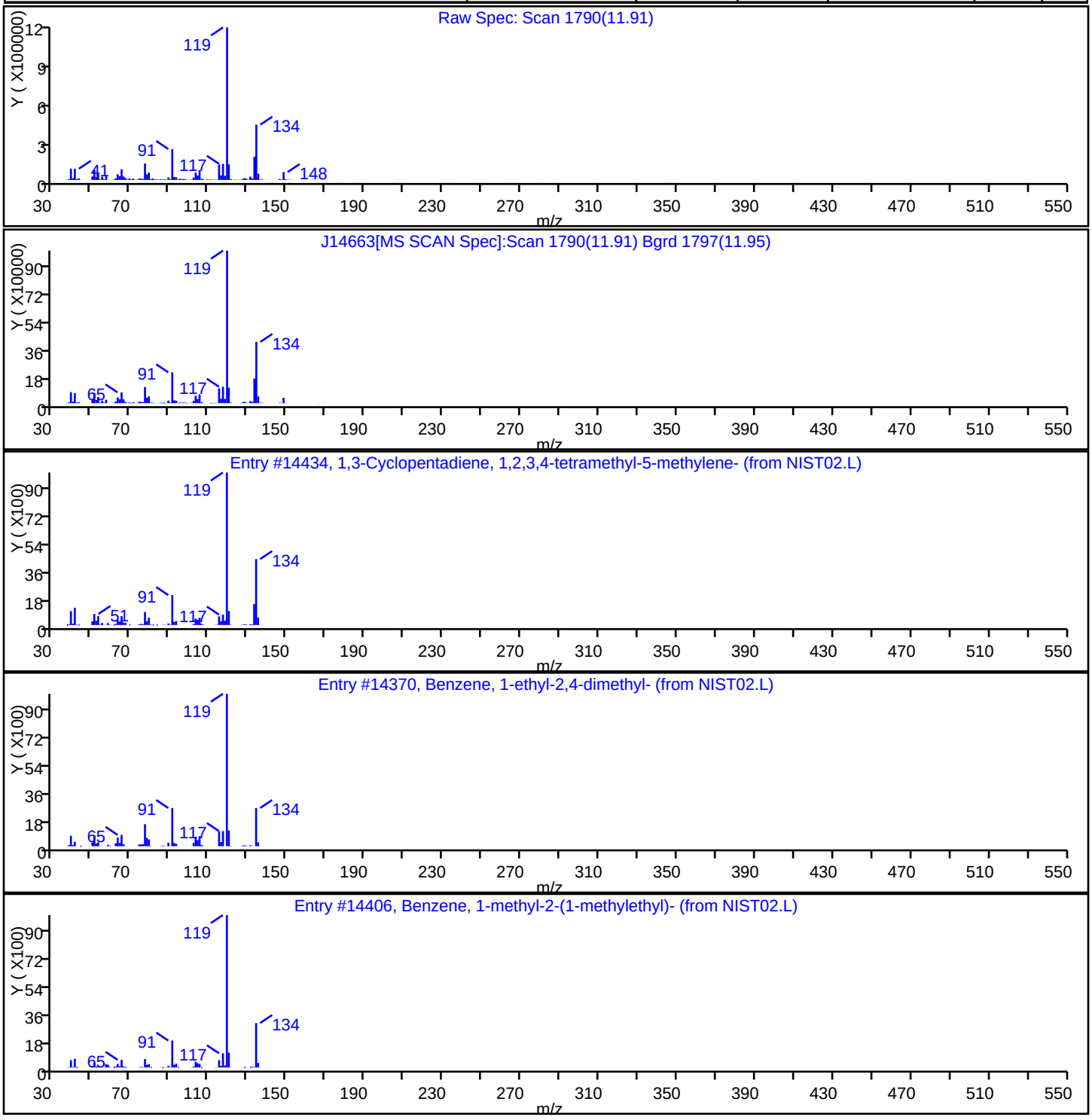
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02	14434	C10H14	134	96
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	94



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

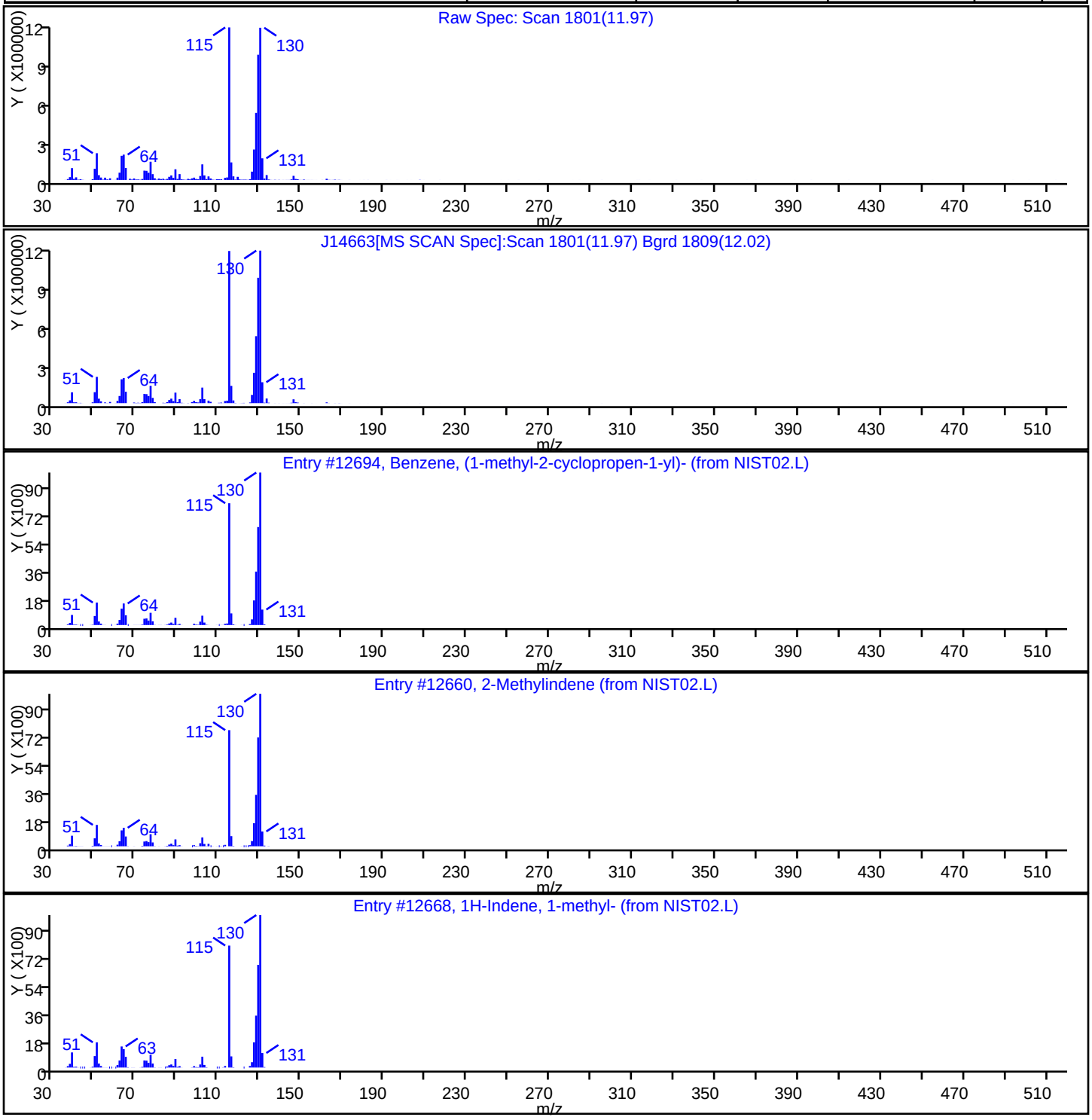
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (1-methyl-2-cyclopropen-1-yl)-	65051-83-4	NIST02	12694	C10H10	130	97
2-Methylindene	2177-47-1	NIST02.L	12660	C10H10	130	97
1H-Indene, 1-methyl-	767-59-9	NIST02.L	12668	C10H10	130	96



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

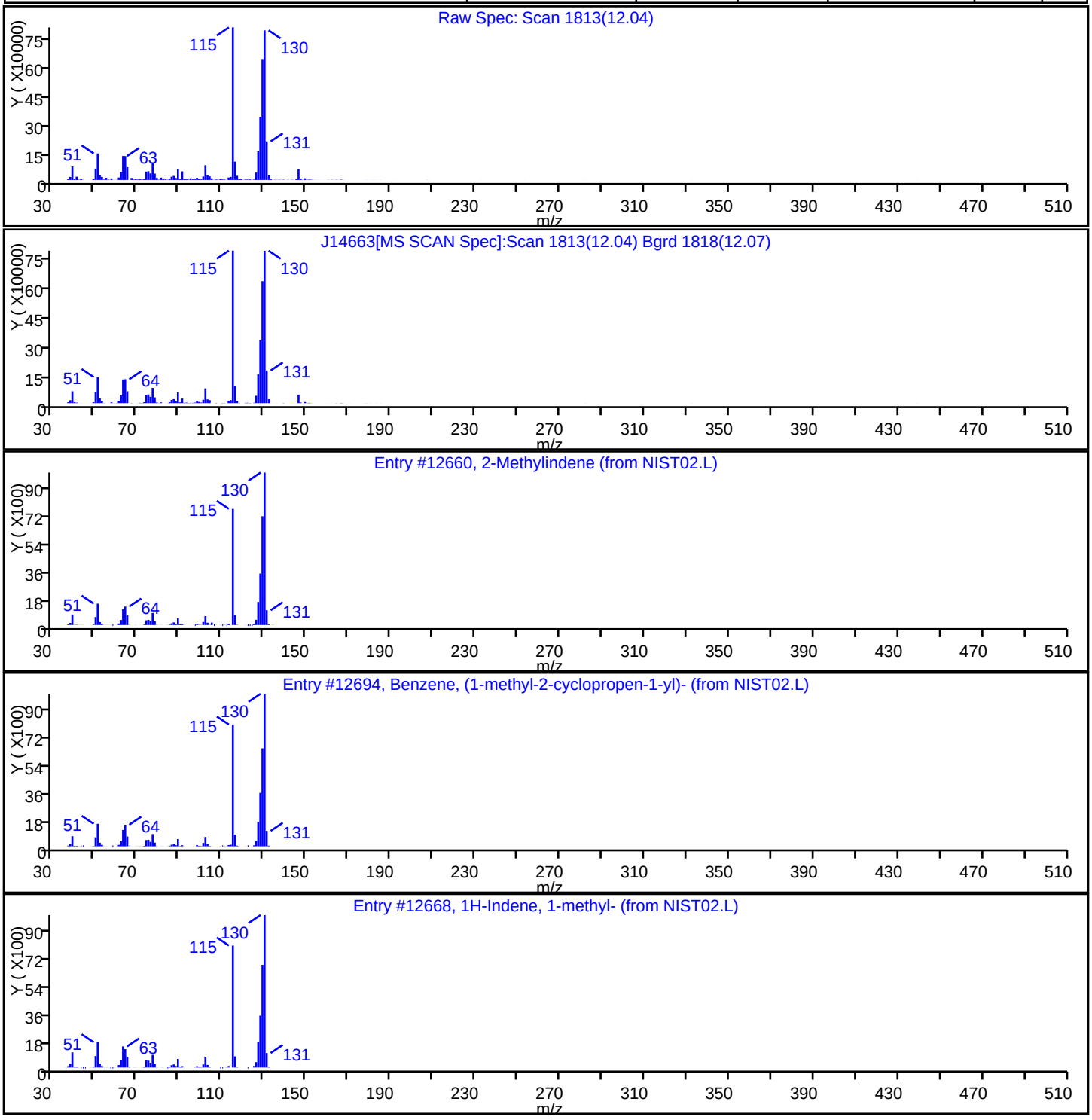
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Methylindene	2177-47-1	NIST02	12660	C10H10	130	96
Benzene, (1-methyl-2-cyclopropen-1-yl)-	65051-83-4	NIST02.L	12694	C10H10	130	96
1H-Indene, 1-methyl-	767-59-9	NIST02.L	12668	C10H10	130	96



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

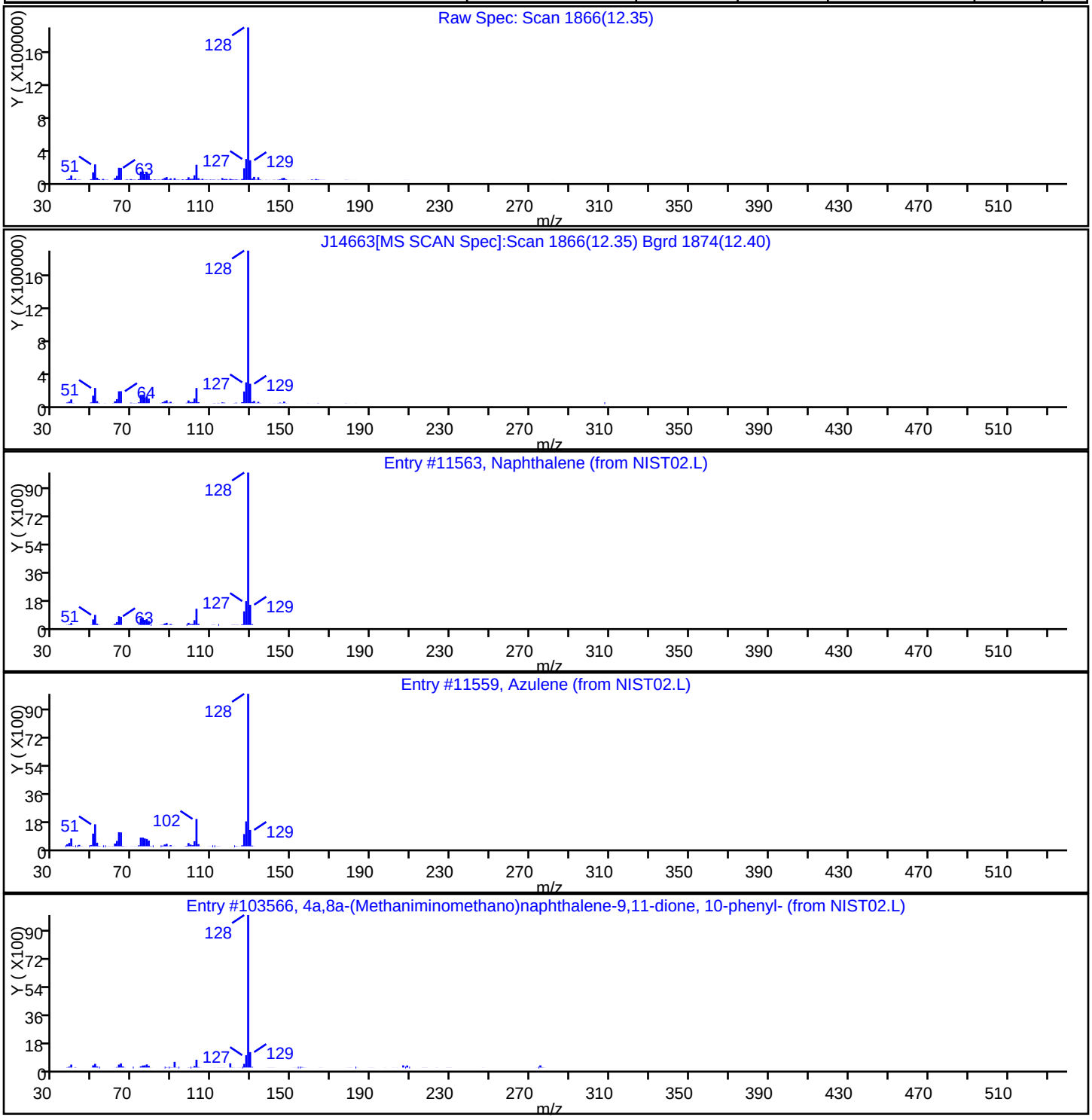
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02	11563	C10H8	128	95
Azulene	275-51-4	NIST02.L	11559	C10H8	128	94
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.L	103566	C18H13NO2	275	83



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

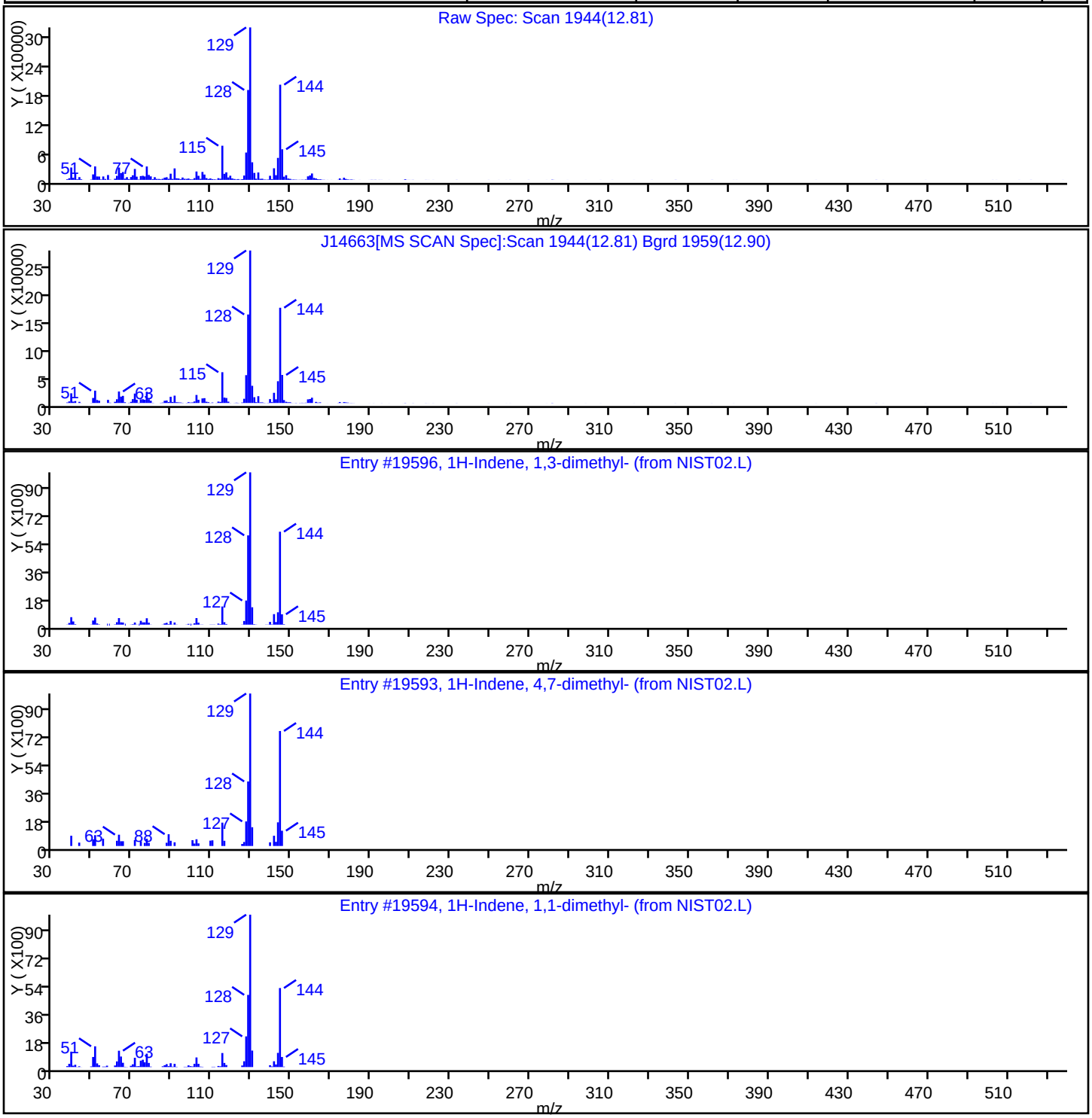
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 1,3-dimethyl-	2177-48-2	NIST02	19596	C11H12	144	93
1H-Indene, 4,7-dimethyl-	6974-97-6	NIST02.L	19593	C11H12	144	91
1H-Indene, 1,1-dimethyl-	18636-55-0	NIST02.L	19594	C11H12	144	90



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

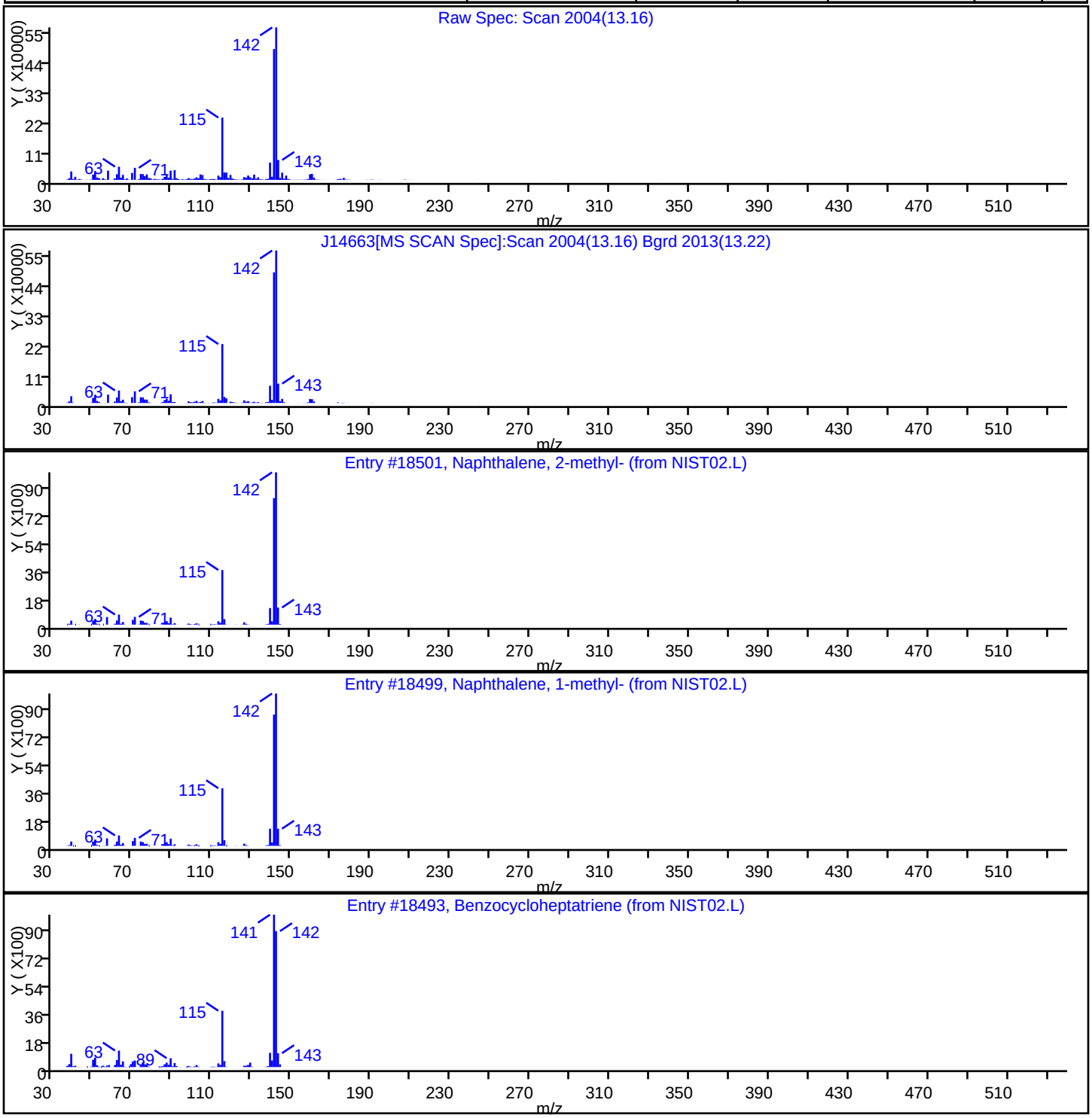
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	94



Report Date: 24-Jun-2014 17:58:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14663.D

Injection Date: 24-Jun-2014 14:46:30 Instrument ID: CVOAMS8

Lims ID: 460-78044-A-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

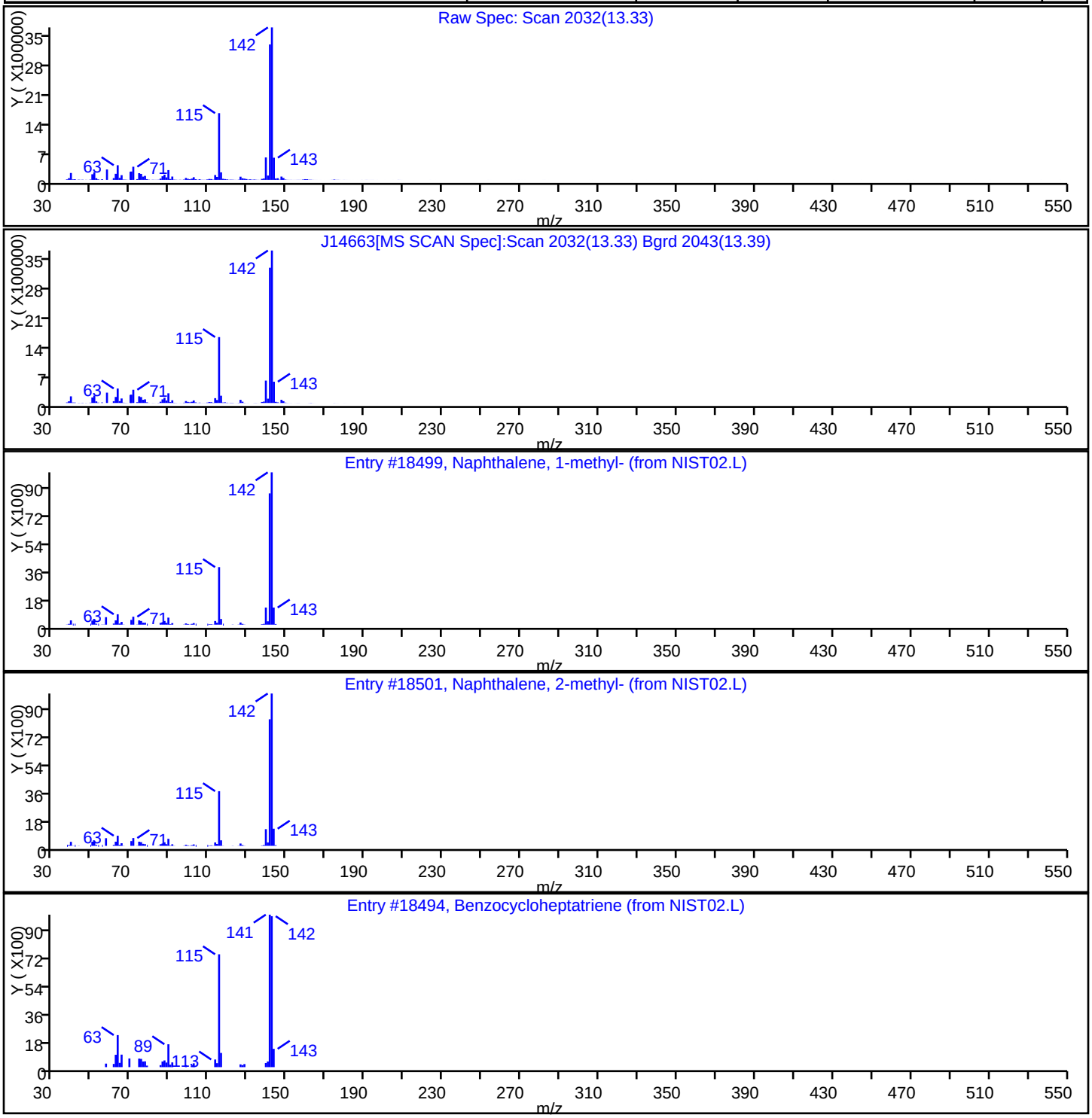
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 | Lab Sample ID: 460-78044-4

Matrix: Solid | Lab File ID: K28523.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.13(g) | Date Analyzed: 06/22/2014 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.7 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.52	U	1.2	0.52
75-01-4	Vinyl chloride	0.41	U	1.2	0.41
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.43	J B	1.2	0.18
67-64-1	Acetone	45	B	6.1	2.1
75-15-0	Carbon disulfide	0.22	J	1.2	0.18
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.29	U	1.2	0.29
78-93-3	2-Butanone	1.7	J	6.1	0.76
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
179601-23-1	m&p-Xylene	0.72	U	1.2	0.72
95-47-6	o-Xylene	0.23	U	1.2	0.23
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	6.1	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	6.1	0.39
123-91-1	1,4-Dioxane	15	U	24	15
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.24	U	6.1	0.24
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 | Lab Sample ID: 460-78044-4

Matrix: Solid | Lab File ID: K28523.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.13(g) | Date Analyzed: 06/22/2014 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.7 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1.2	0.53
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	83		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 Lab Sample ID: 460-78044-4

Matrix: Solid Lab File ID: K28523.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.13(g) Date Analyzed: 06/22/2014 11:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 3 TIC Result Total: 101

CAS NO.	COMPOUND NAME	RT	RESULT	Q
91-20-3	Naphthalene	12.50	68	J N
91-57-6	Naphthalene, 2-methyl-	13.35	17	J N
90-12-0	Naphthalene, 1-methyl-	13.52	16	J N

Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D
Lims ID: 460-78044-B-4-A Lab Sample ID: 460-78044-4
Client ID: S-4
Sample Type: Client
Inject. Date: 22-Jun-2014 11:37:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-4-A
Misc. Info.: 460-0014879-013
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:23:10 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:07:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.985	2.990	-0.005	86	43120	36.8	
21 Carbon disulfide	76	3.082	3.092	-0.010	36	3488	0.1795	
* 151 TBA-d9 (IS)	65	3.344	3.349	-0.005	51	272958	1000.0	
25 Methylene Chloride	84	3.354	3.354	0.000	15	1707	0.3512	
43 2-Butanone (MEK)	72	4.499	4.499	0.000	86	476	1.38	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	177309	50.0	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	90	168924	47.1	
* 59 Fluorobenzene	96	5.559	5.558	0.001	98	610833	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	95	18904	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	98	552183	44.1	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	414502	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	93	152129	41.7	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	207839	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D				
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Sample Type:	Client				
Inject. Date:	22-Jun-2014 11:37:30	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-78044-B-4-A				
Misc. Info.:	460-0014879-013				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	23-Jun-2014 11:23:10	Calib Date:	16-Jun-2014 16:51:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: tupayachia		Date:	23-Jun-2014 09:07:37		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	91-20-3 Naphthalene							
12.502	1384407	56.1	87	97	11563	C10H8	128	
	91-57-6 Naphthalene, 2-methyl-							
13.348	337018	13.7	87	96	18501	C11H10	142	
	90-12-0 Naphthalene, 1-methyl-							
13.519	324557	13.2	87	96	18499	C11H10	142	I

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	9.047	1233233	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

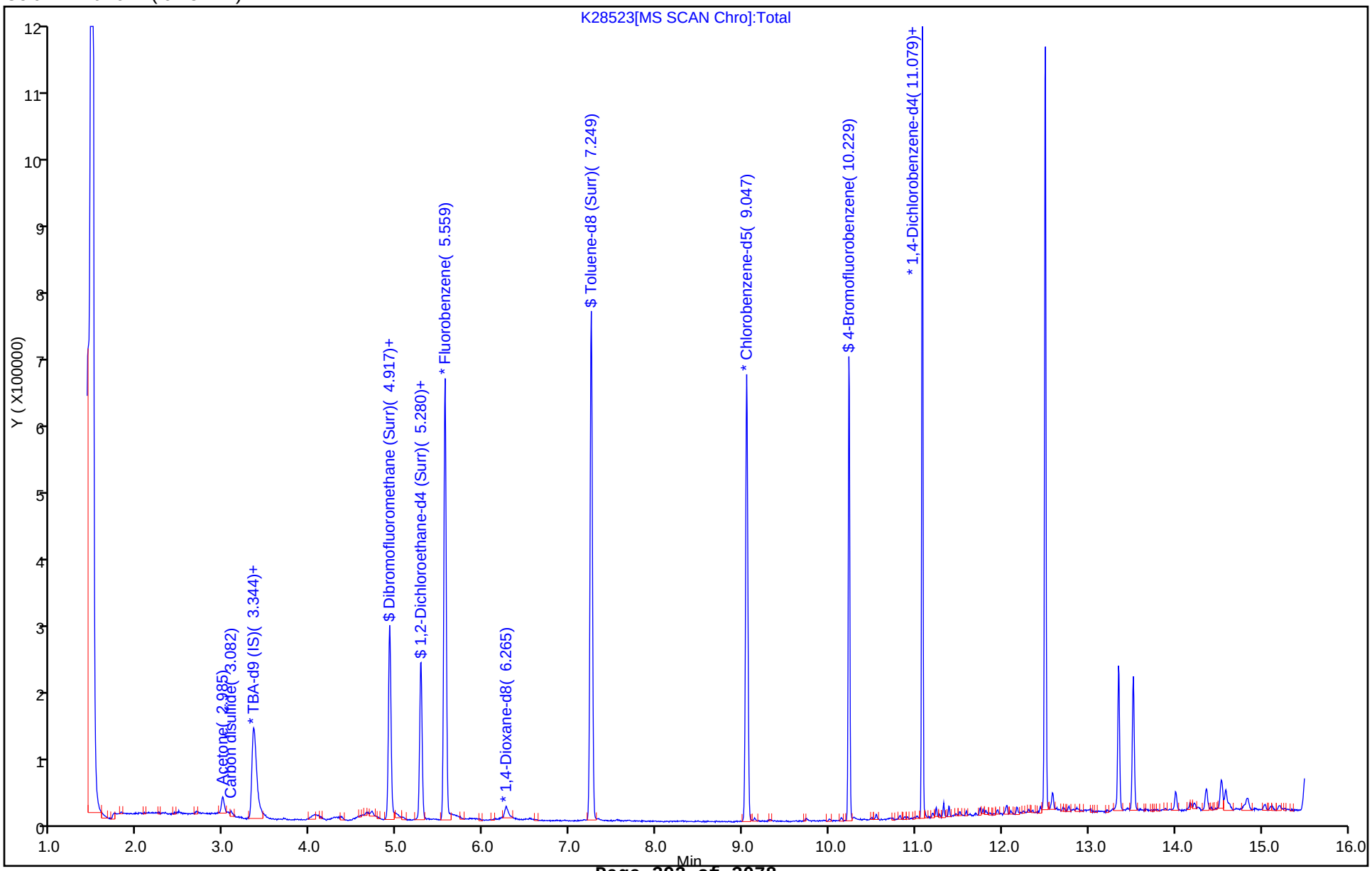
Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date:	22-Jun-2014 11:37:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4	Worklist Smp#:	13
Client ID:	S-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



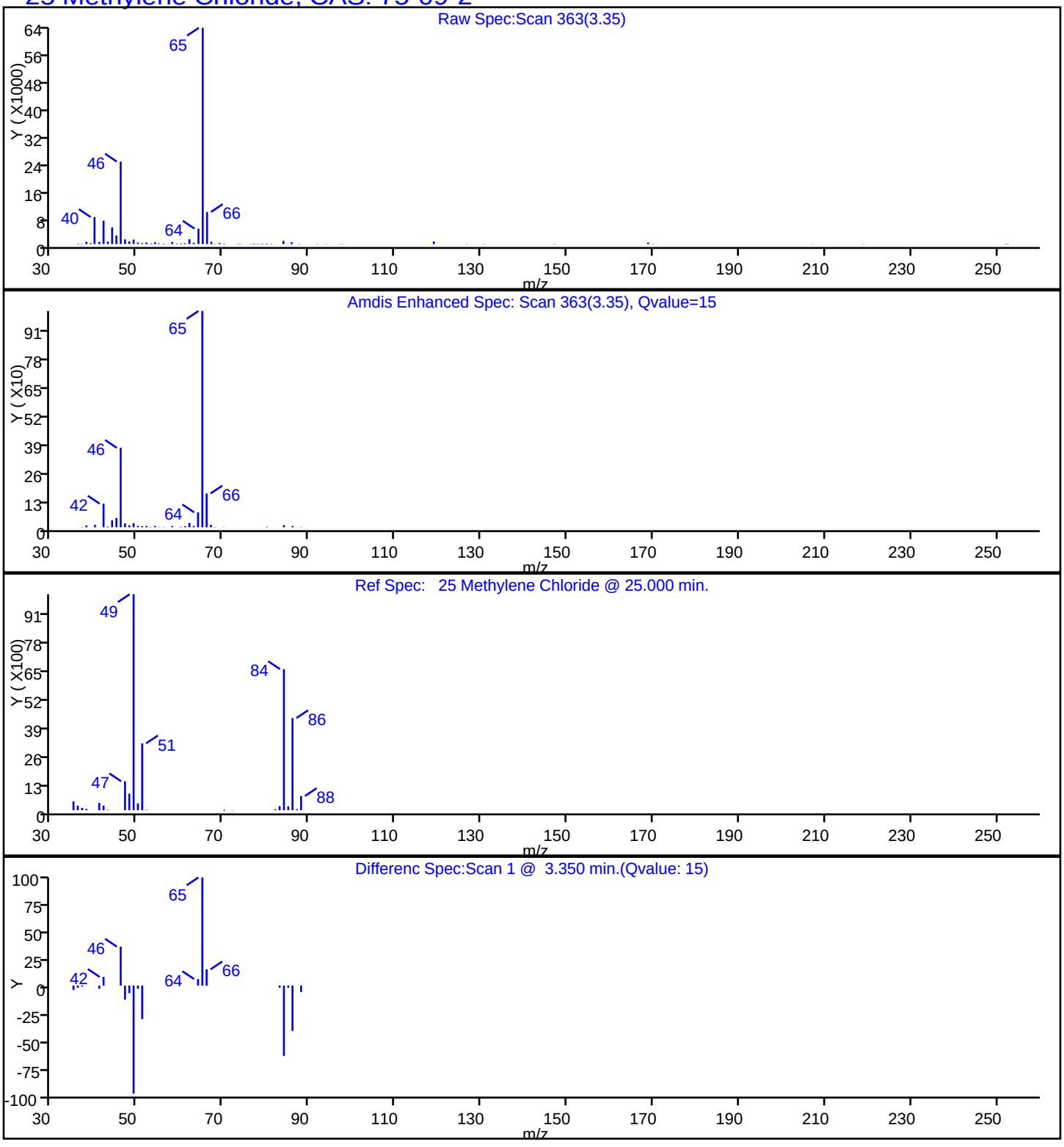
Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date:	22-Jun-2014 11:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 Methylene Chloride, CAS: 75-09-2



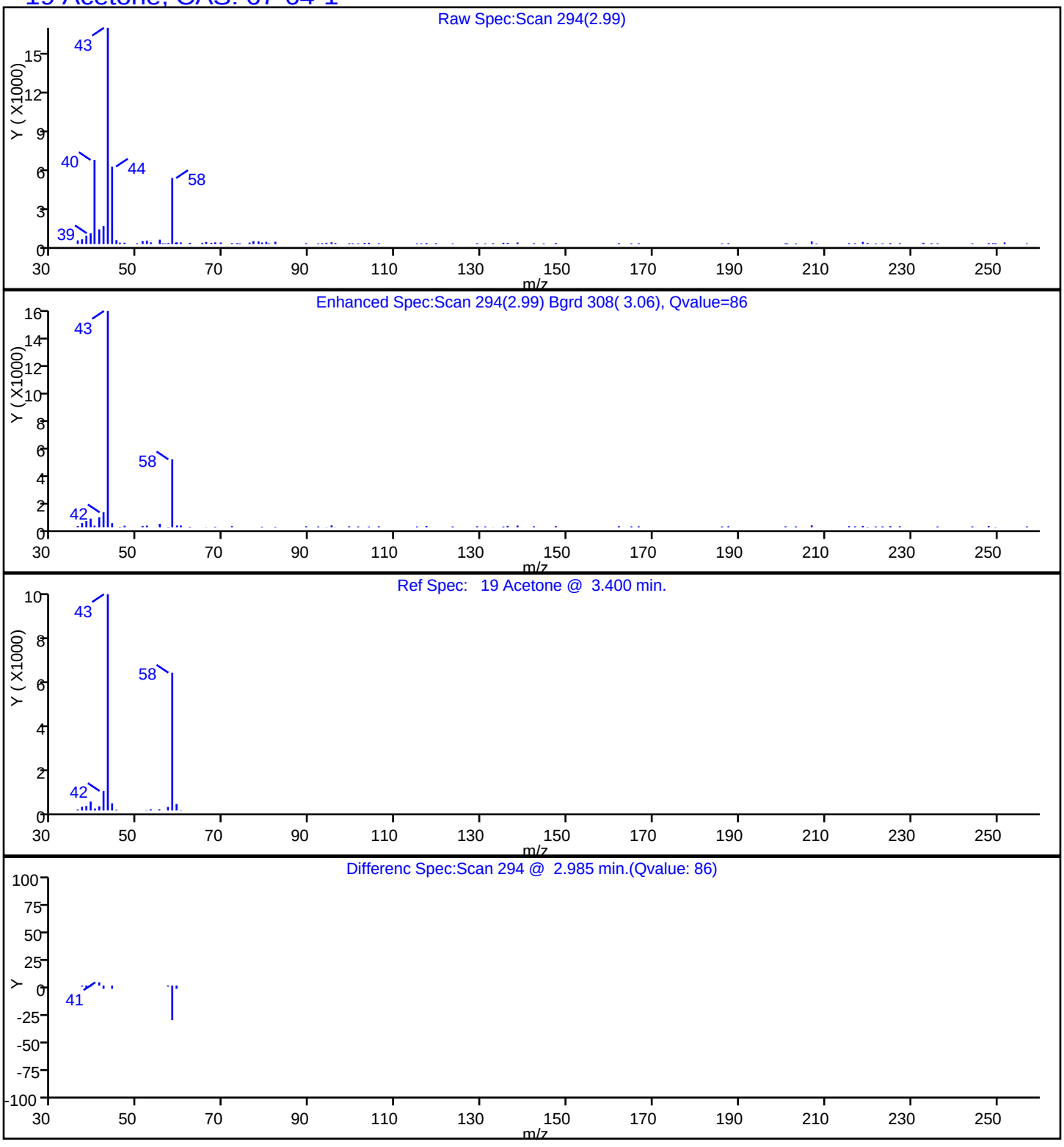
Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date:	22-Jun-2014 11:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



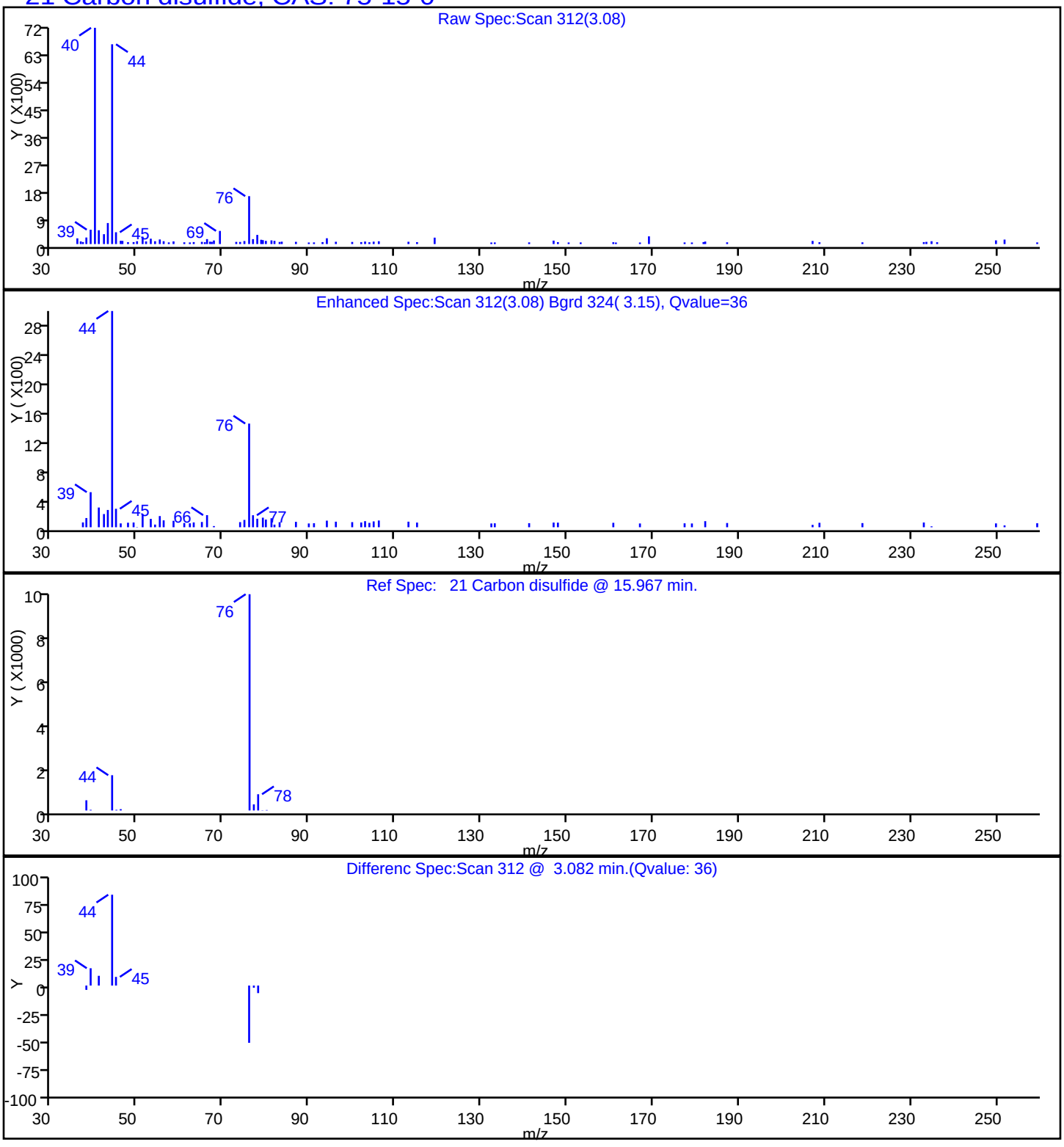
Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date:	22-Jun-2014 11:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



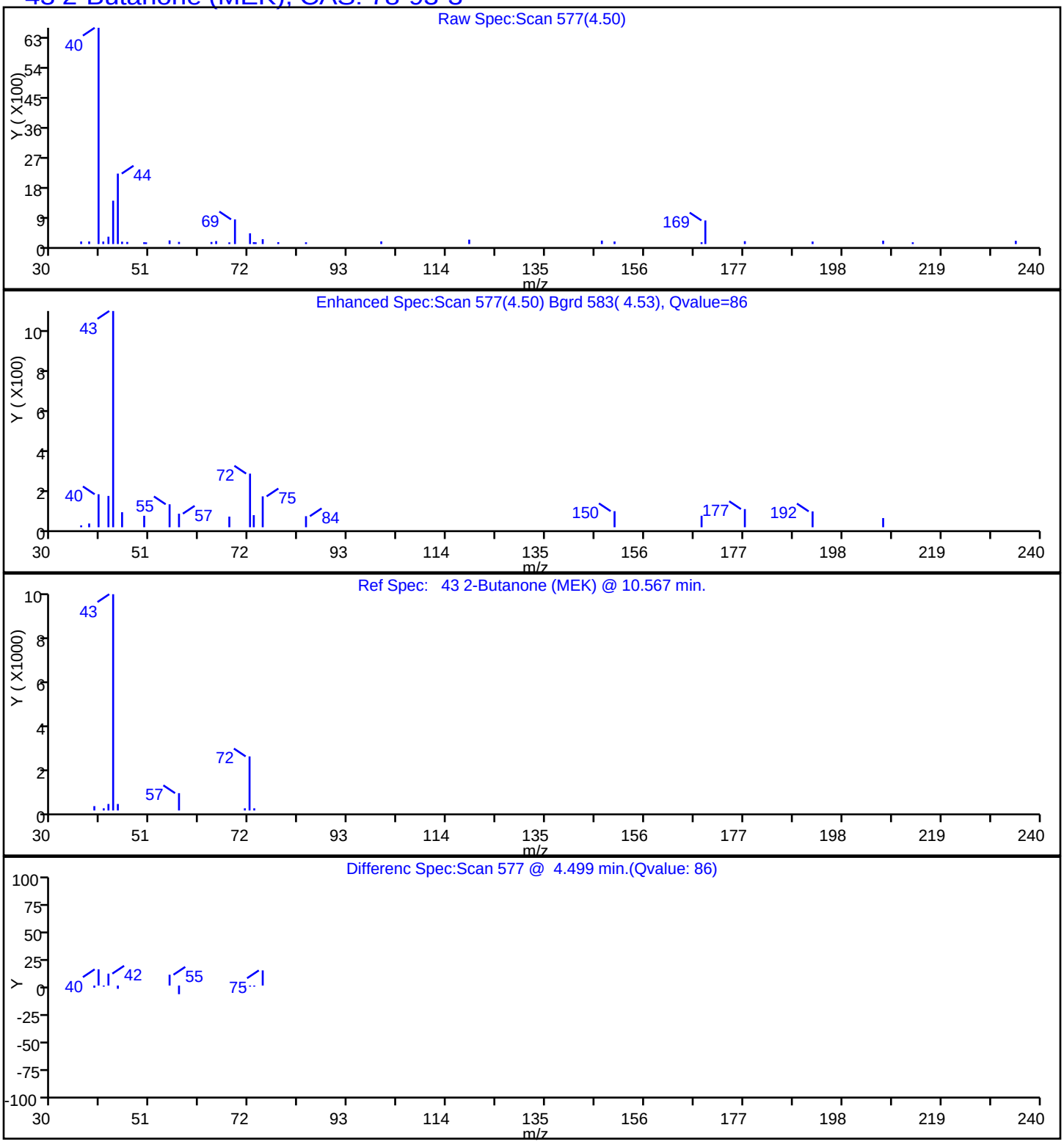
Report Date: 23-Jun-2014 11:23:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date:	22-Jun-2014 11:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3



Report Date: 23-Jun-2014 11:23:11 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date: 22-Jun-2014 11:37:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-4-A Lab Sample ID: 460-78044-4

Client ID: S-4

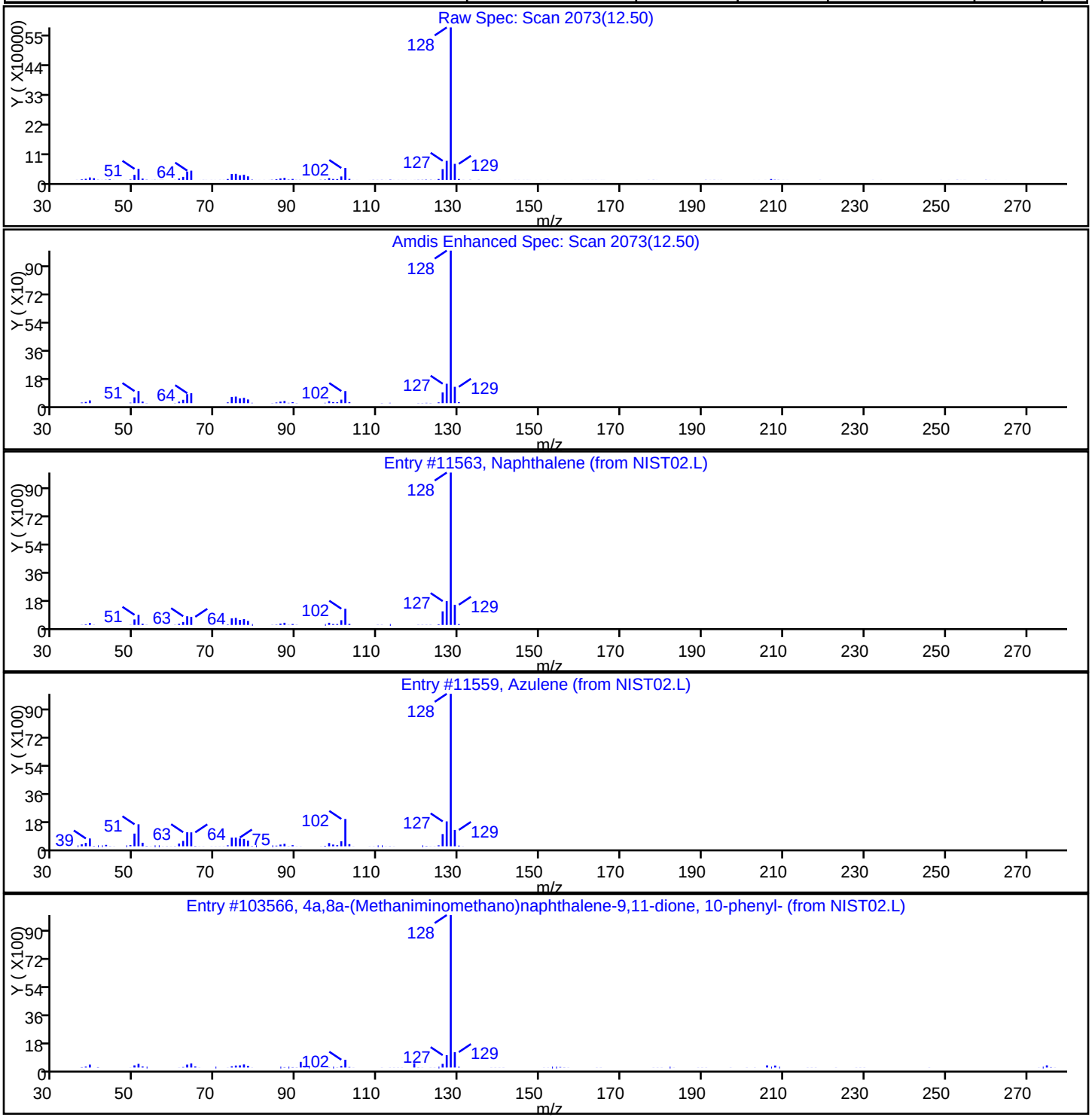
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02	11563	C10H8	128	97
Azulene	275-51-4	NIST02.L	11559	C10H8	128	91
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.L	103566	C18H13NO2	275	78



Report Date: 23-Jun-2014 11:23:11 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date: 22-Jun-2014 11:37:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-4-A Lab Sample ID: 460-78044-4

Client ID: S-4

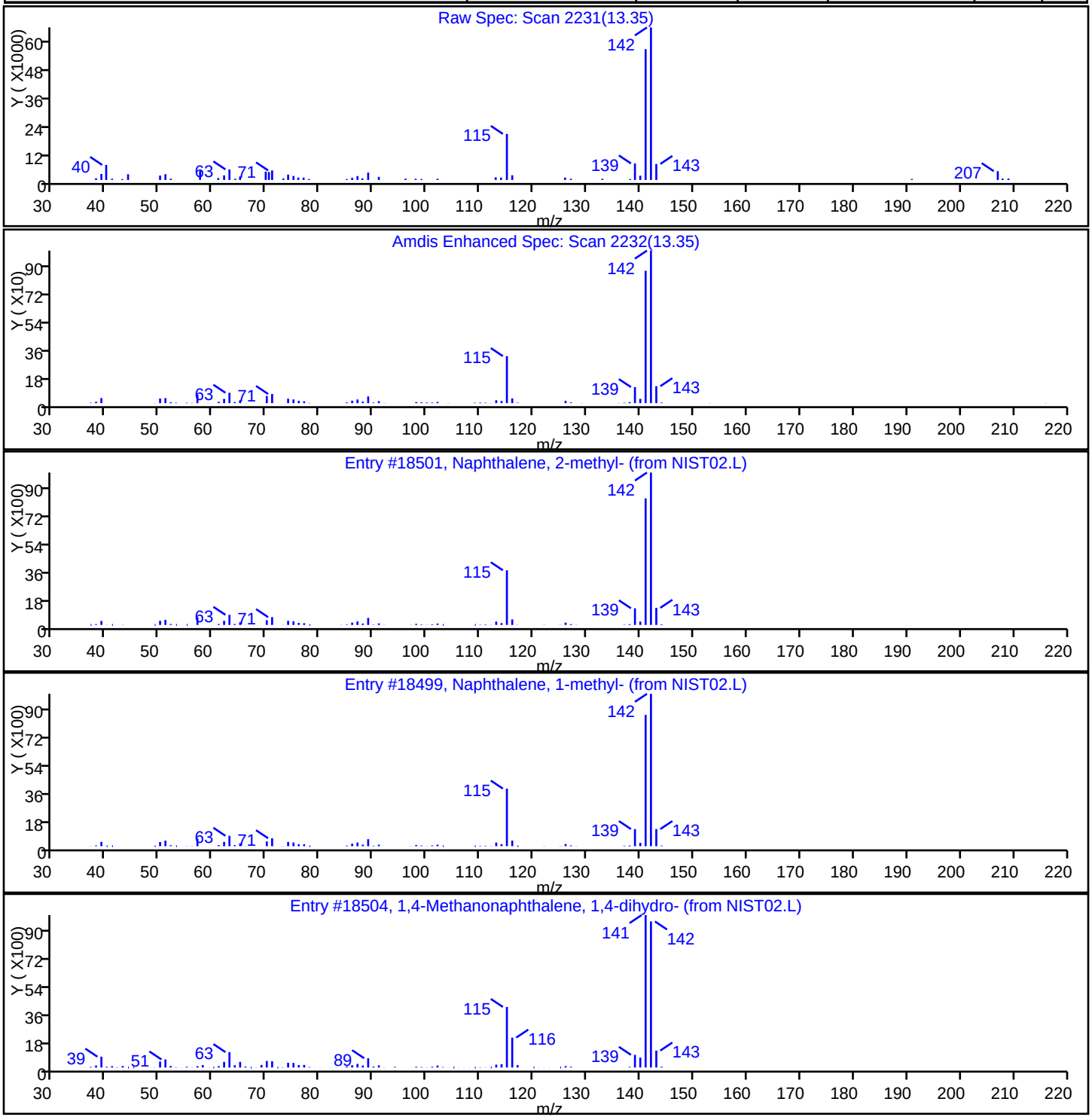
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	94
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91



Report Date: 23-Jun-2014 11:23:11 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28523.D

Injection Date: 22-Jun-2014 11:37:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-4-A Lab Sample ID: 460-78044-4

Client ID: S-4

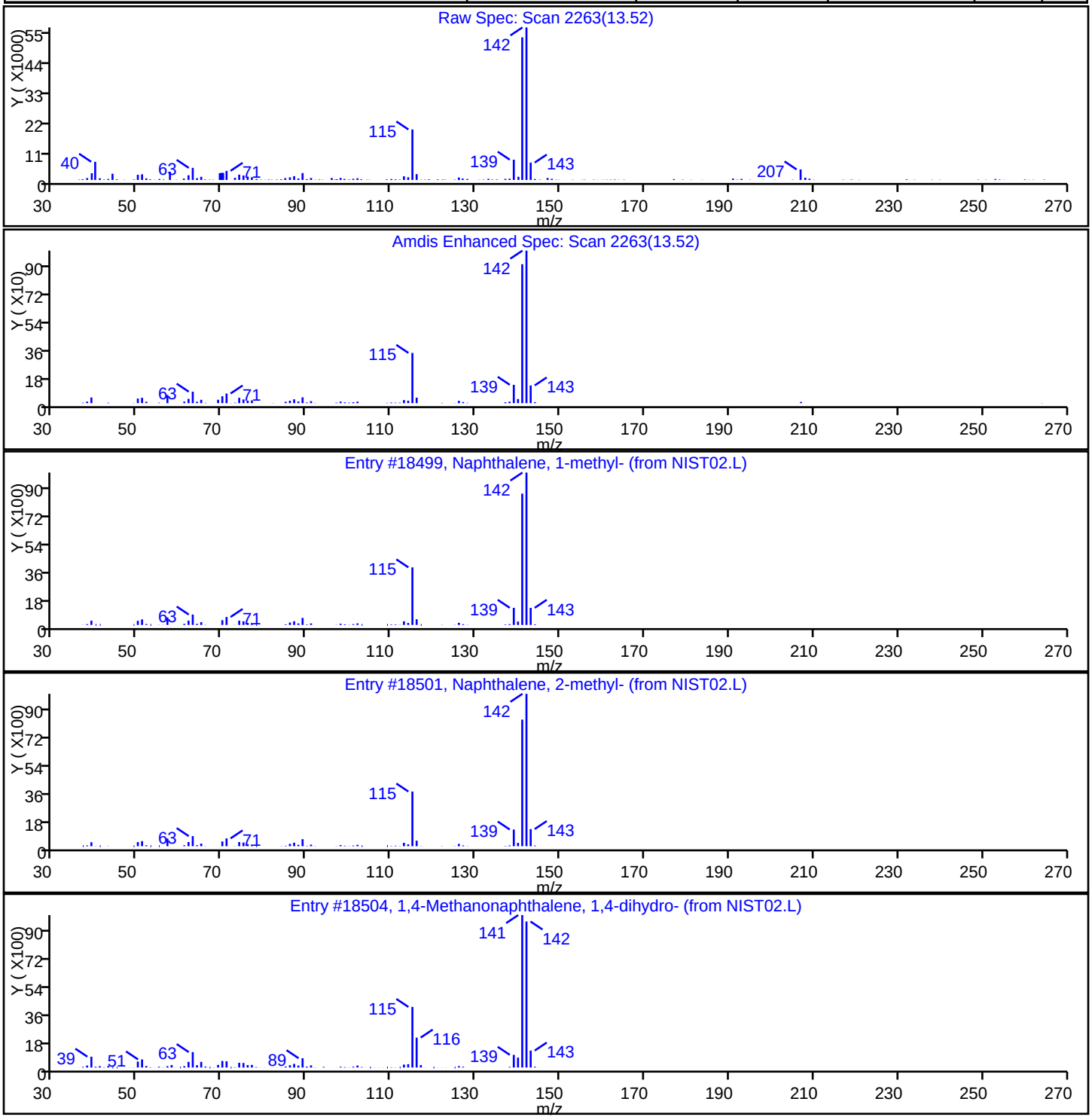
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 Lab Sample ID: 460-78044-5

Matrix: Solid Lab File ID: K28524.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.83(g) Date Analyzed: 06/22/2014 12:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.6 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.27	U	1.7	0.27
74-83-9	Bromomethane	0.73	U	1.7	0.73
75-01-4	Vinyl chloride	0.58	U	1.7	0.58
75-00-3	Chloroethane	0.56	U	1.7	0.56
75-09-2	Methylene Chloride	0.26	U	1.7	0.26
67-64-1	Acetone	53	B	8.5	2.9
75-15-0	Carbon disulfide	2.9		1.7	0.26
75-69-4	Trichlorofluoromethane	0.27	U	1.7	0.27
75-35-4	1,1-Dichloroethene	0.32	U	1.7	0.32
75-34-3	1,1-Dichloroethane	0.19	U	1.7	0.19
156-60-5	trans-1,2-Dichloroethene	0.22	U	1.7	0.22
156-59-2	cis-1,2-Dichloroethene	0.19	U	1.7	0.19
67-66-3	Chloroform	0.41	U	1.7	0.41
78-93-3	2-Butanone	1.1	U	8.5	1.1
107-06-2	1,2-Dichloroethane	0.31	U	1.7	0.31
71-55-6	1,1,1-Trichloroethane	0.22	U	1.7	0.22
56-23-5	Carbon tetrachloride	0.26	U	1.7	0.26
71-43-2	Benzene	0.28	J	1.7	0.26
75-25-2	Bromoform	0.29	U	1.7	0.29
100-42-5	Styrene	0.48	U	1.7	0.48
179601-23-1	m&p-Xylene	1.0	U	1.7	1.0
95-47-6	o-Xylene	0.32	U	1.7	0.32
100-41-4	Ethylbenzene	0.29	U	1.7	0.29
108-90-7	Chlorobenzene	0.31	U	1.7	0.31
110-82-7	Cyclohexane	0.22	U	1.7	0.22
98-82-8	Isopropylbenzene	0.19	U	1.7	0.19
591-78-6	2-Hexanone	0.22	U	8.5	0.22
1634-04-4	MTBE	0.19	U	1.7	0.19
76-13-1	Freon TF	0.19	U	1.7	0.19
79-20-9	Methyl acetate	0.55	U	8.5	0.55
123-91-1	1,4-Dioxane	22	U	34	22
79-01-6	Trichloroethene	0.20	U	1.7	0.20
108-88-3	Toluene	0.24	U	1.7	0.24
10061-02-6	trans-1,3-Dichloropropene	0.17	U	1.7	0.17
108-10-1	4-Methyl-2-pentanone	0.34	U	8.5	0.34
10061-01-5	cis-1,3-Dichloropropene	0.24	U	1.7	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Matrix: Solid | Lab File ID: K28524.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.83(g) | Date Analyzed: 06/22/2014 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.6 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.17	U	1.7	0.17
541-73-1	1,3-Dichlorobenzene	0.27	U	1.7	0.27
106-46-7	1,4-Dichlorobenzene	0.19	U	1.7	0.19
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.7	0.32
87-61-6	1,2,3-Trichlorobenzene	0.27	U	1.7	0.27
78-87-5	1,2-Dichloropropane	0.26	U	1.7	0.26
108-87-2	Methylcyclohexane	0.17	U	1.7	0.17
127-18-4	Tetrachloroethene	0.20	U	1.7	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1.7	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	1.7	0.15
79-00-5	1,1,2-Trichloroethane	0.24	U	1.7	0.24
124-48-1	Dibromochloromethane	0.17	U	1.7	0.17
106-93-4	1,2-Dibromoethane	0.26	U	1.7	0.26
75-71-8	Dichlorodifluoromethane	0.38	U	1.7	0.38
74-97-5	Bromochloromethane	0.19	U	1.7	0.19
75-27-4	Bromodichloromethane	0.55	U	1.7	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	90		70-130
1868-53-7	Dibromofluoromethane (Surr)	33	X	70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 Lab Sample ID: 460-78044-5

Matrix: Solid Lab File ID: K28524.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 3.83(g) Date Analyzed: 06/22/2014 12:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 23.6 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 359

CAS NO.	COMPOUND NAME	RT	RESULT	Q
75-28-5	Isobutane	1.73	19	J N
	Unknown	1.86	15	J
78-78-4	Butane, 2-methyl-	2.29	84	J N
109-66-0	Pentane	2.49	16	J N
107-83-5	Pentane, 2-methyl-	3.26	54	J N
96-14-0	Pentane, 3-methyl-	3.48	55	J N
591-76-4	Hexane, 2-methyl-	4.82	27	J N
589-34-4	Hexane, 3-methyl-	5.00	49	J N
142-82-5	Heptane	5.43	14	J N
589-81-1	Heptane, 3-methyl-	6.85	26	J N

Report Date: 23-Jun-2014 11:24:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D
Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 22-Jun-2014 12:01:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-5-A
Misc. Info.: 460-0014879-014
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:24:02 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:10:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.985	2.990	-0.005	85	35671	31.0	
21 Carbon disulfide	76	3.092	3.092	0.000	98	35430	1.68	
* 151 TBA-d9 (IS)	65	3.344	3.349	-0.005	53	268088	1000.0	
$ 152 Dibromofluoromethane (Surr	113	4.916	4.922	-0.006	96	63745	16.6	
53 Benzene	78	5.264	5.269	-0.005	1	3074	0.1658	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.280	0.000	90	169384	43.6	
* 59 Fluorobenzene	96	5.558	5.558	0.000	98	661665	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	97	23332	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	98	612525	45.4	
* 87 Chlorobenzene-d5	117	9.046	9.046	0.000	84	447551	50.0	
$ 99 4-Bromofluorobenzene	174	10.229	10.234	-0.005	88	177511	45.0	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	220399	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D
Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 22-Jun-2014 12:01:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-5-A
Misc. Info.: 460-0014879-014
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:24:02 Calib Date: 16-Jun-2014 16:51:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:10:03

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
75-28-5 Isobutane								
1.728	332158	10.8	59	80	226	C4H10	58	
Unknown								
1.862	260886	8.51	59					
78-78-4 Butane, 2-methyl-								
2.290	1500871	49.0	59	94	701	C5H12	72	
109-66-0 Pentane								
2.488	278573	9.09	59	91	696	C5H12	72	
107-83-5 Pentane, 2-methyl-								
3.263	967867	31.6	59	91	1798	C6H14	86	
96-14-0 Pentane, 3-methyl-								
3.477	988937	32.3	59	91	1802	C6H14	86	
591-76-4 Hexane, 2-methyl-								
4.815	477994	15.6	59	83	3898	C7H16	100	
589-34-4 Hexane, 3-methyl-								
4.997	871070	28.4	59	95	3897	C7H16	100	
142-82-5 Heptane								
5.425	249253	8.13	59	90	3893	C7H16	100	
589-81-1 Heptane, 3-methyl-								
6.853	464390	15.1	59	74	7430	C8H18	114	

Report Date: 23-Jun-2014 11:24:02 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	5.558	1532876	50.0

QC Flag Legend

Processing Flags

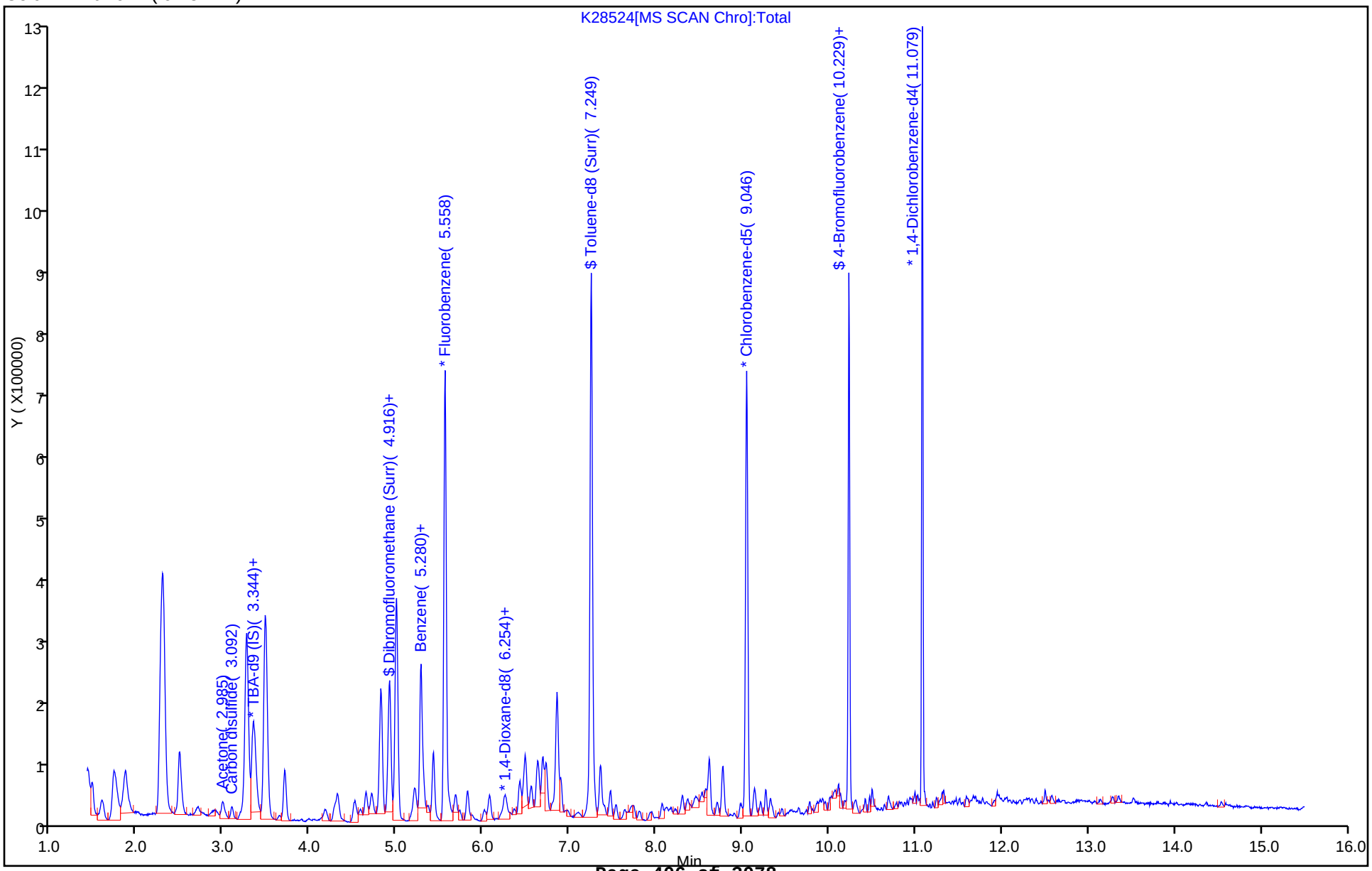
Report Date: 23-Jun-2014 11:24:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date:	22-Jun-2014 12:01:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-5-A	Lab Sample ID:	460-78044-5	Worklist Smp#:	14
Client ID:	S-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



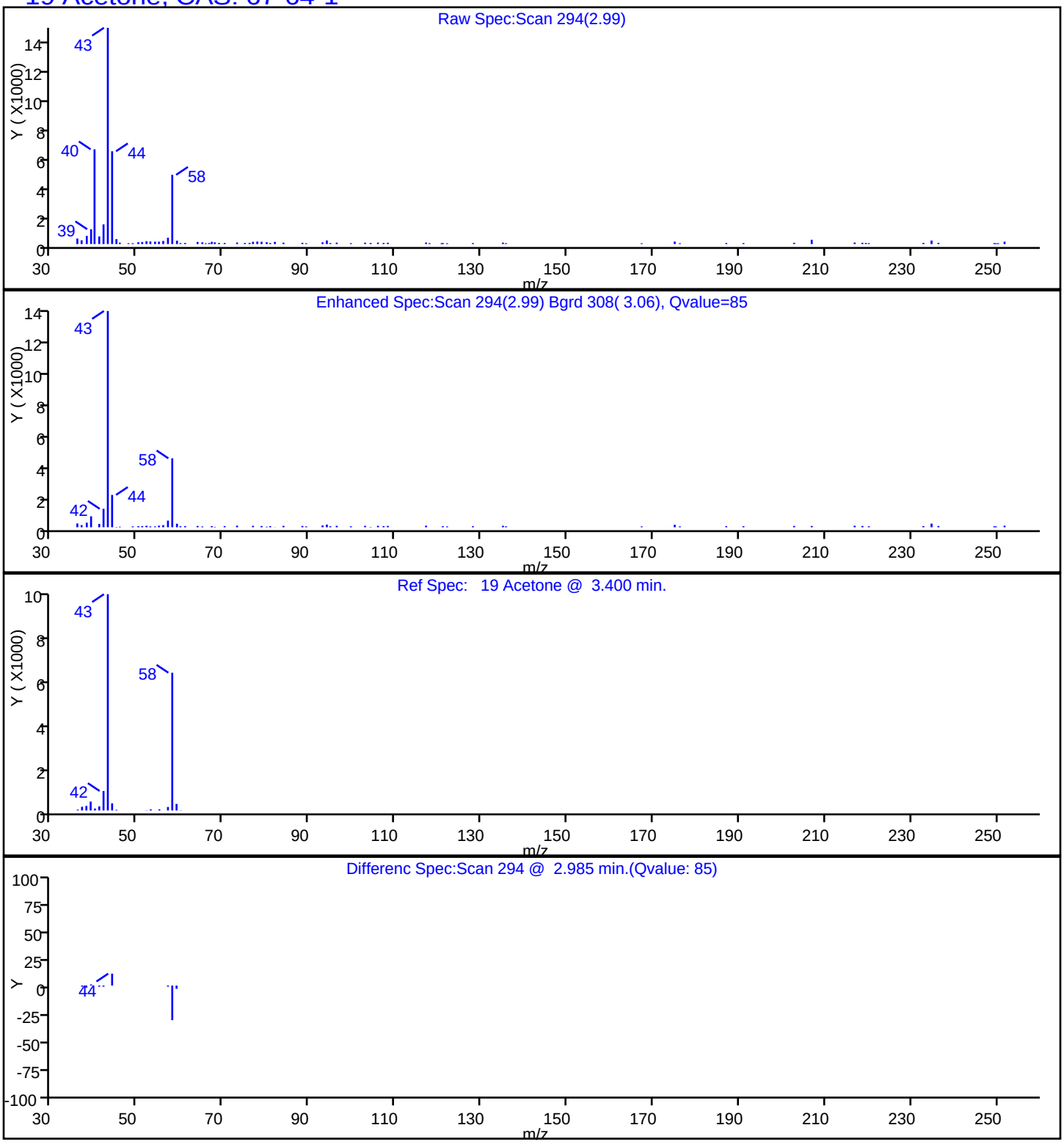
Report Date: 23-Jun-2014 11:24:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date:	22-Jun-2014 12:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



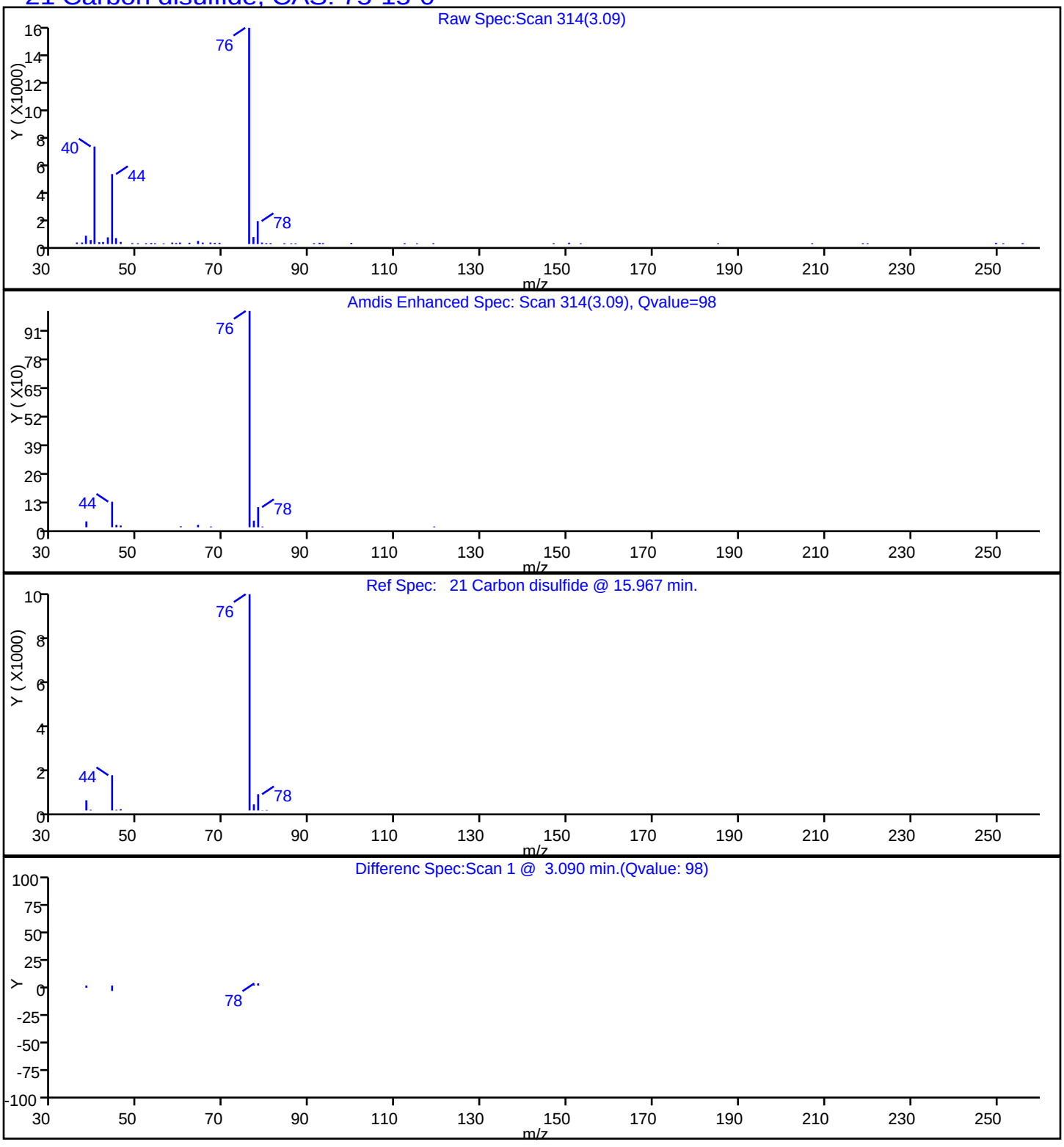
Report Date: 23-Jun-2014 11:24:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date:	22-Jun-2014 12:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



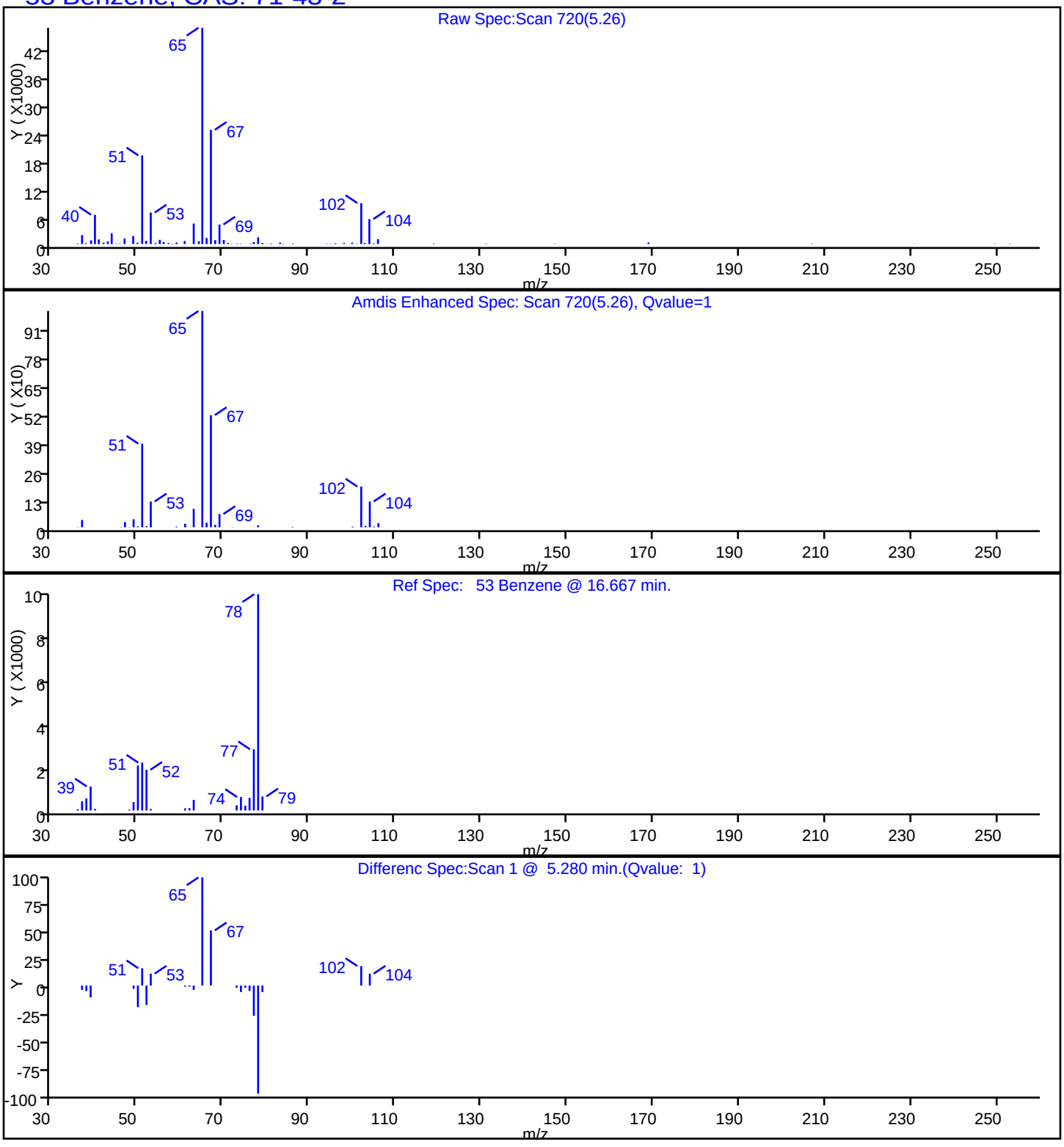
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date:	22-Jun-2014 12:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

53 Benzene, CAS: 71-43-2



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

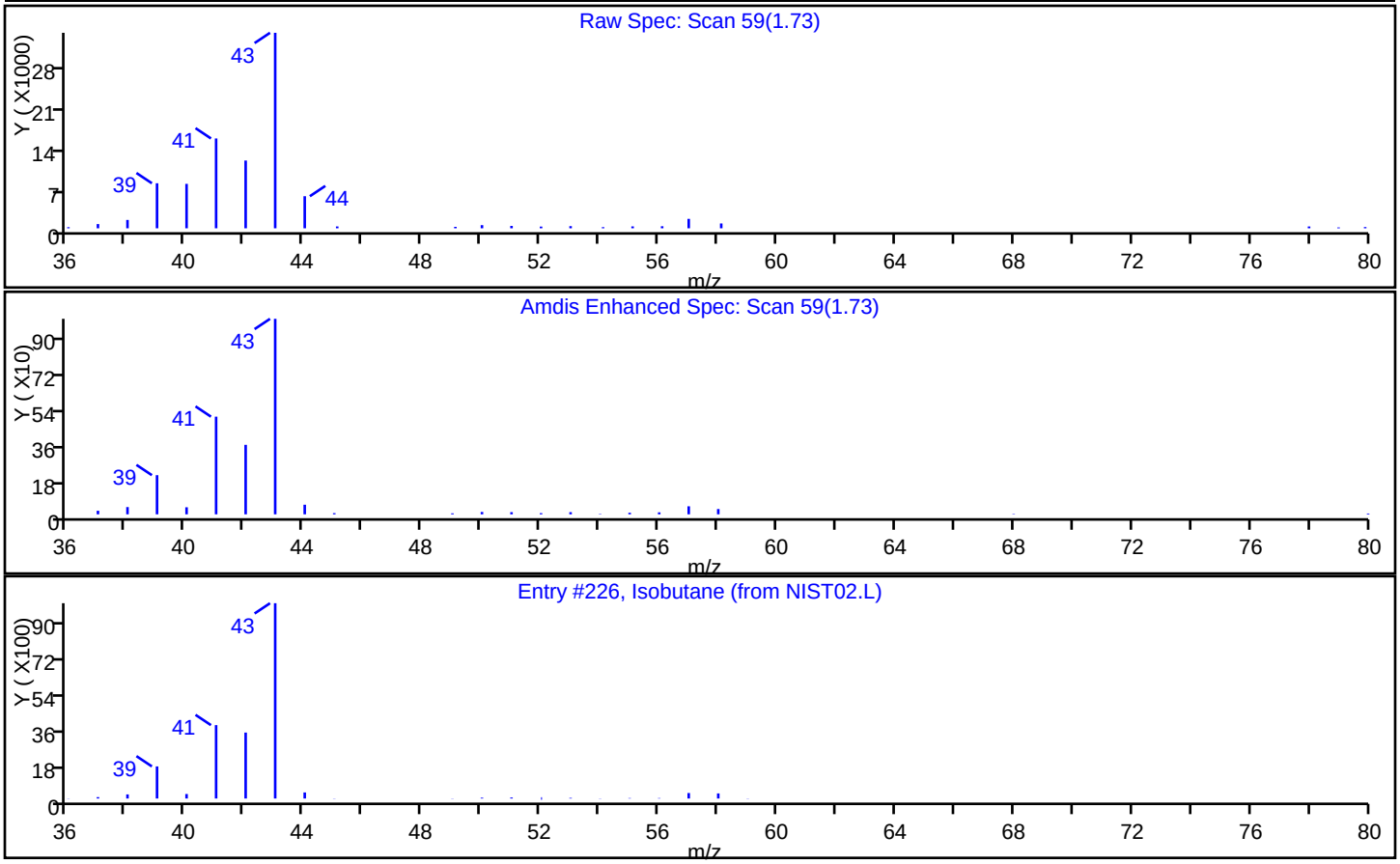
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Isobutane	75-28-5	NIST02	226	C4H10	58	80



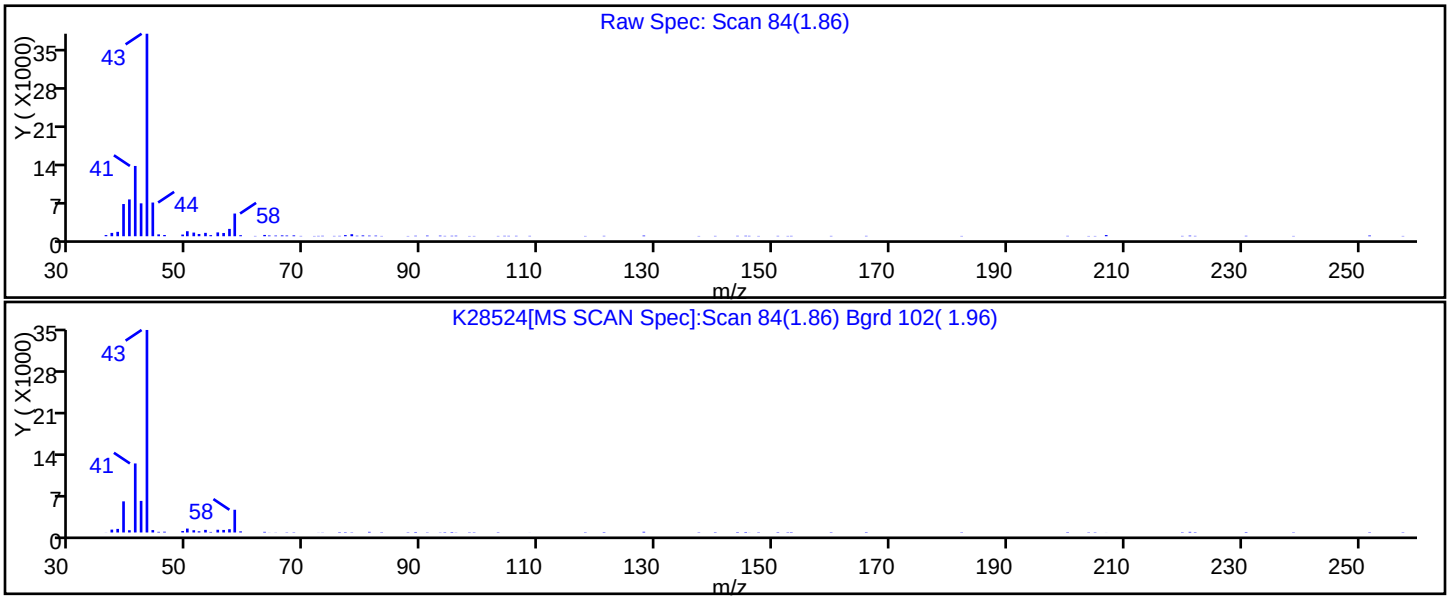
Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date:	22-Jun-2014 12:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 50



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

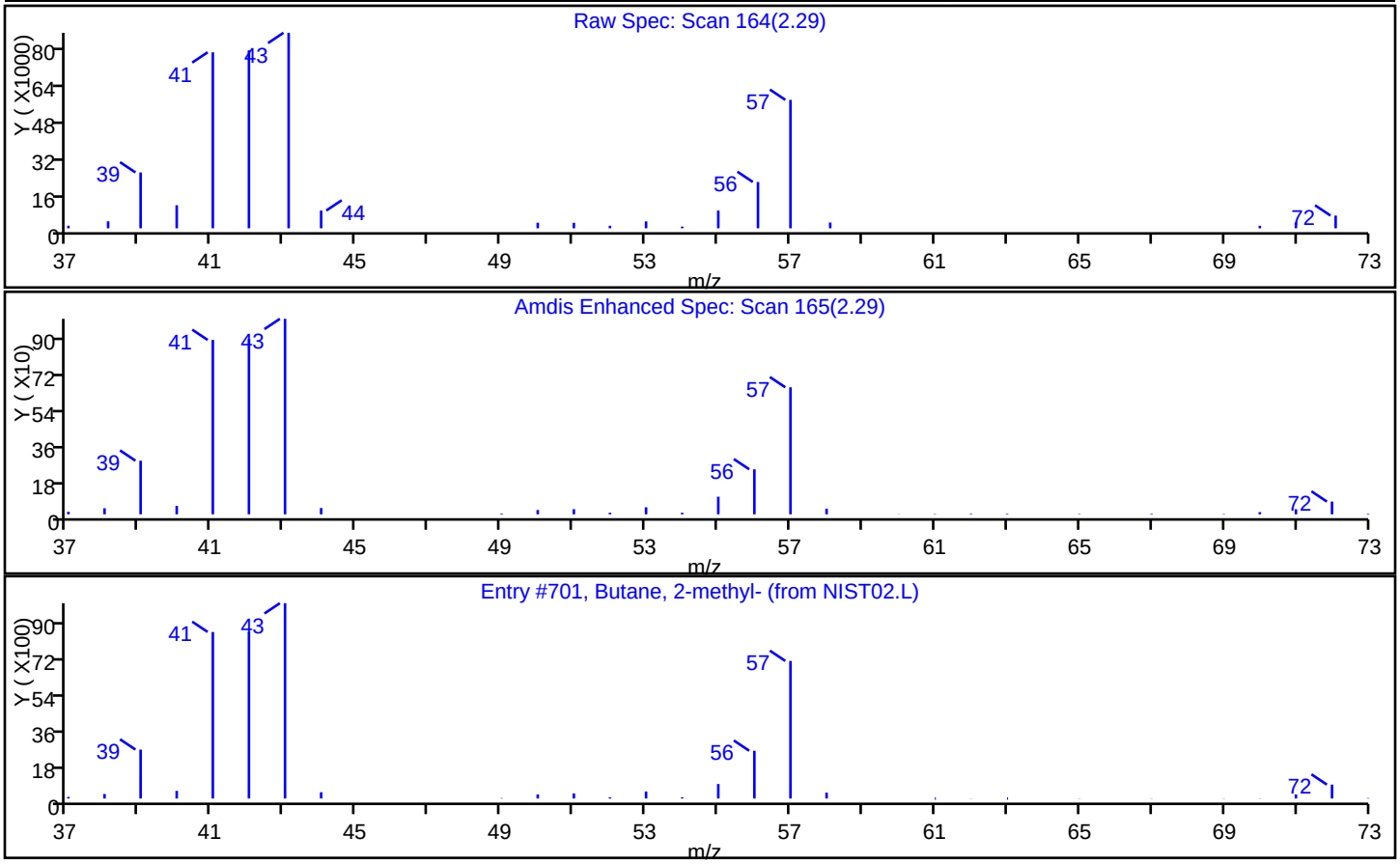
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02	701	C5H12	72	94



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

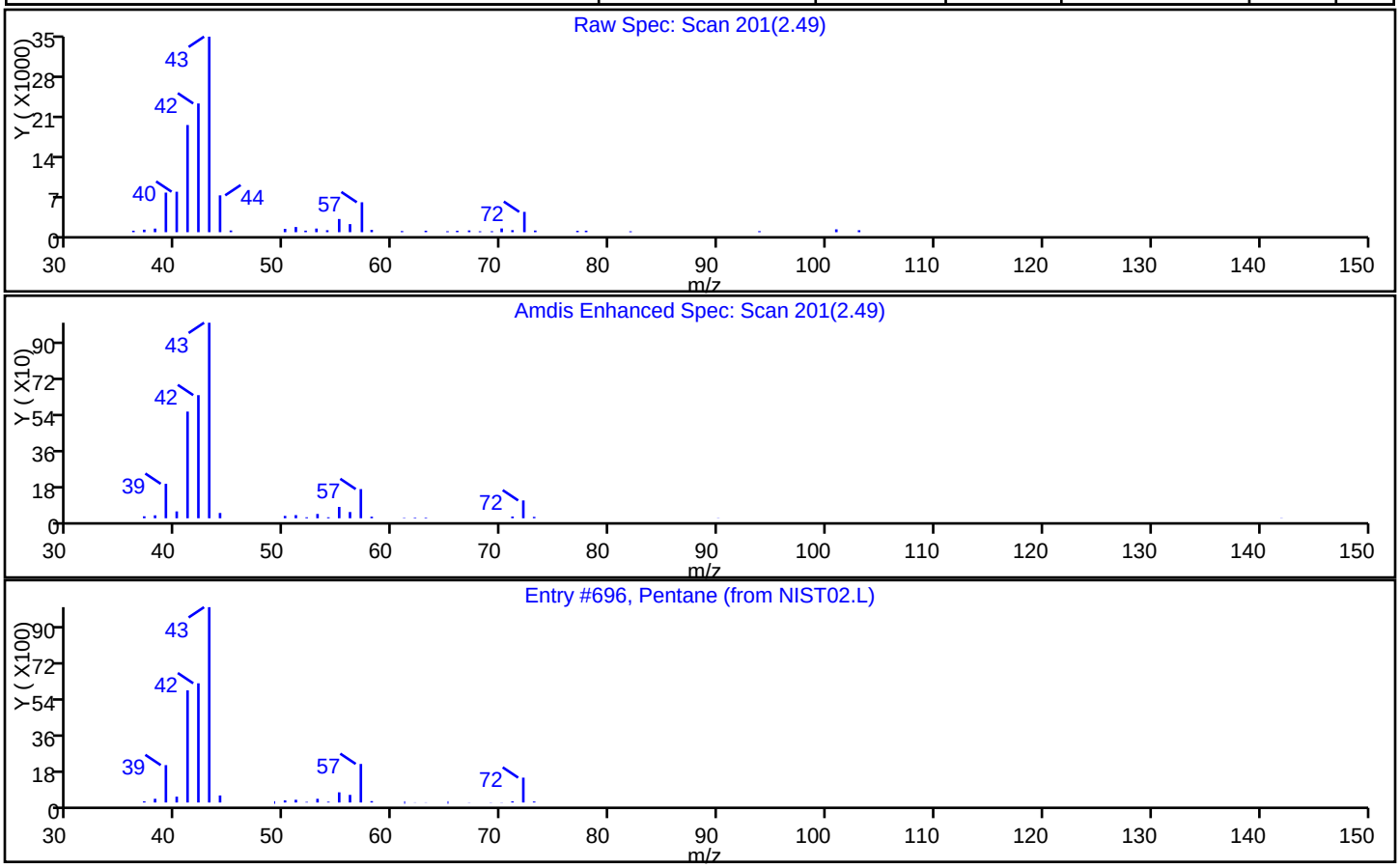
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST02	696	C5H12	72	91



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

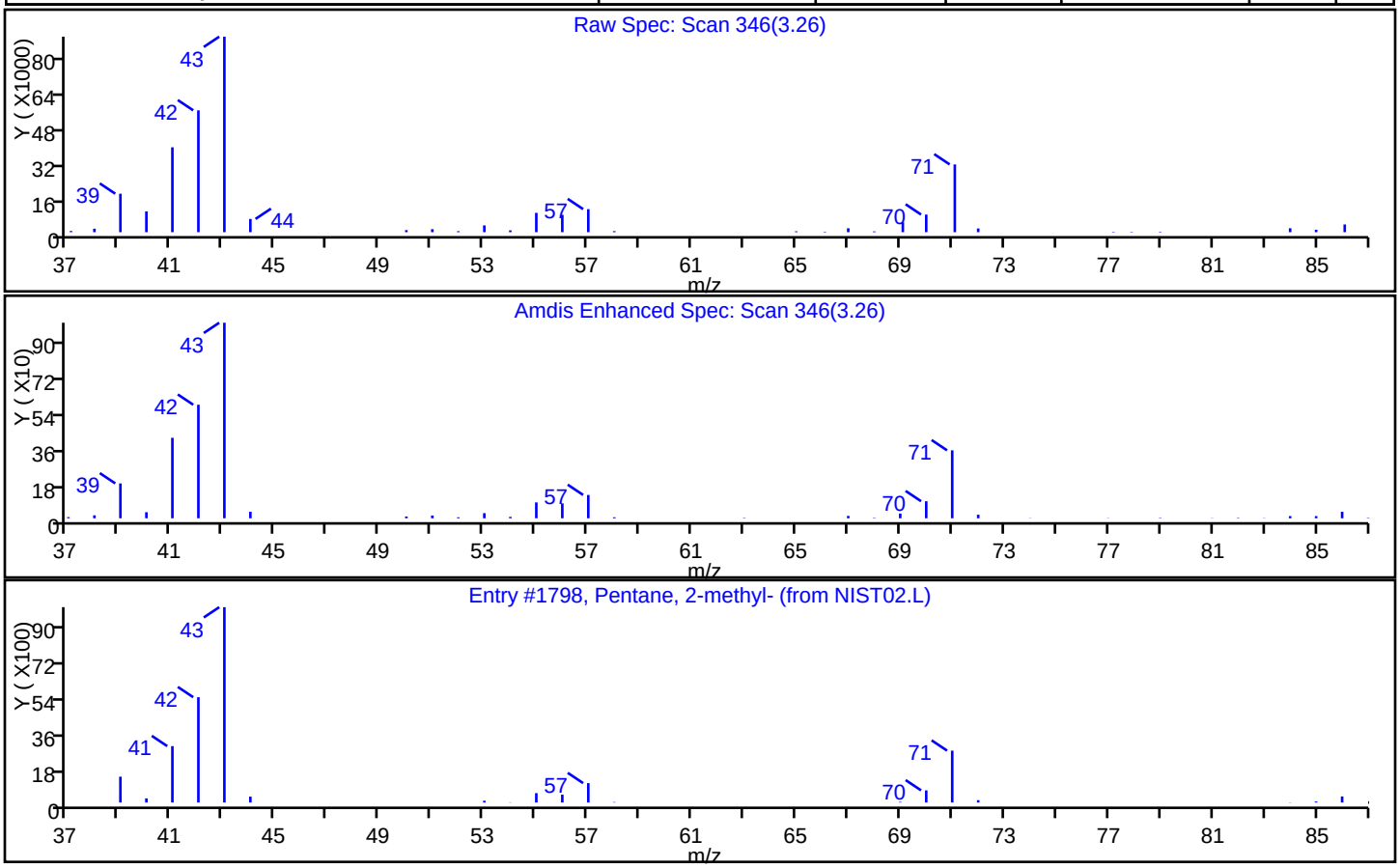
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2-methyl-	107-83-5	NIST02	1798	C6H14	86	91



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

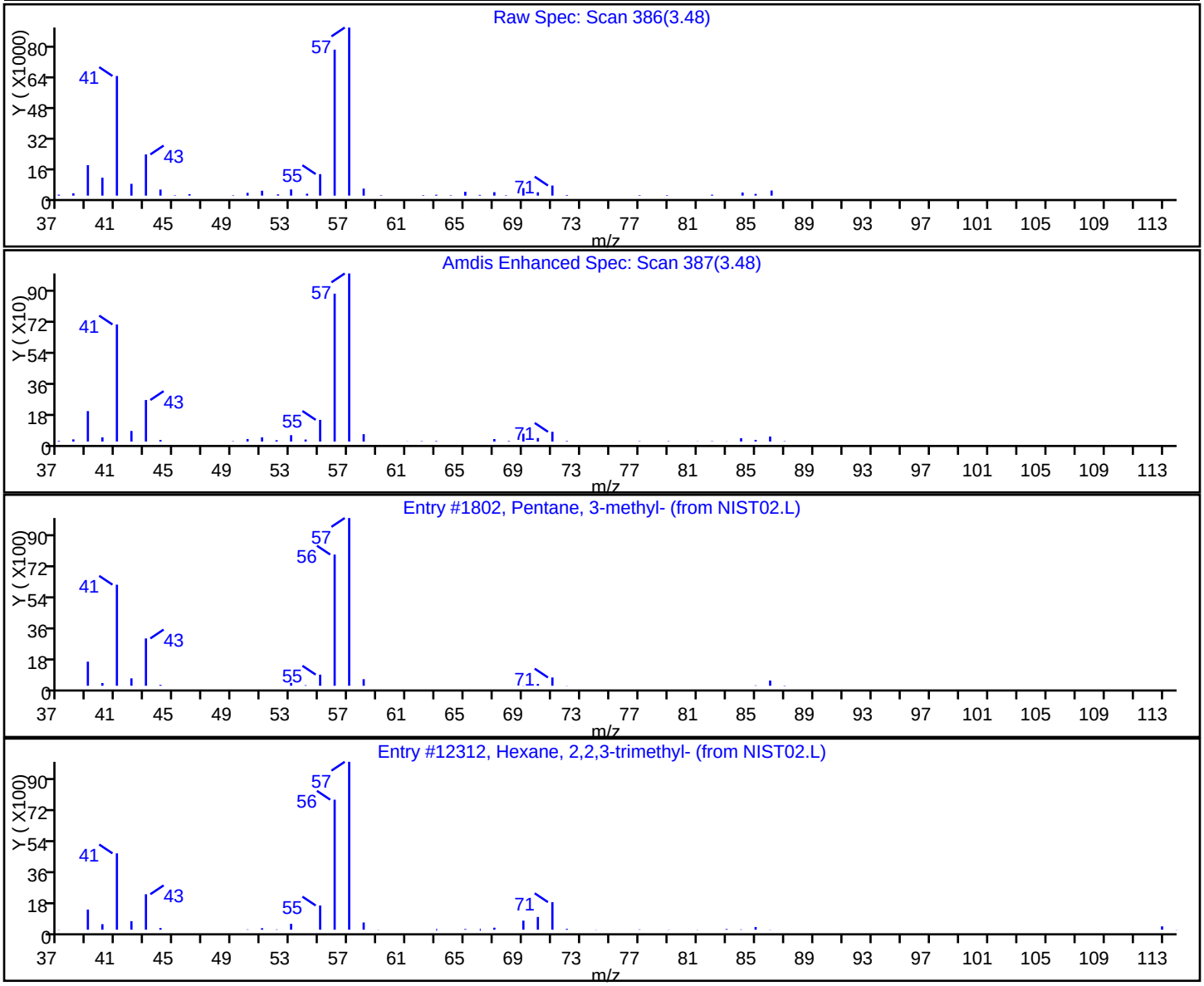
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 3-methyl-	96-14-0	NIST02	1802	C6H14	86	91
Hexane, 2,2,3-trimethyl-	16747-25-4	NIST02.L	12312	C9H20	128	78



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

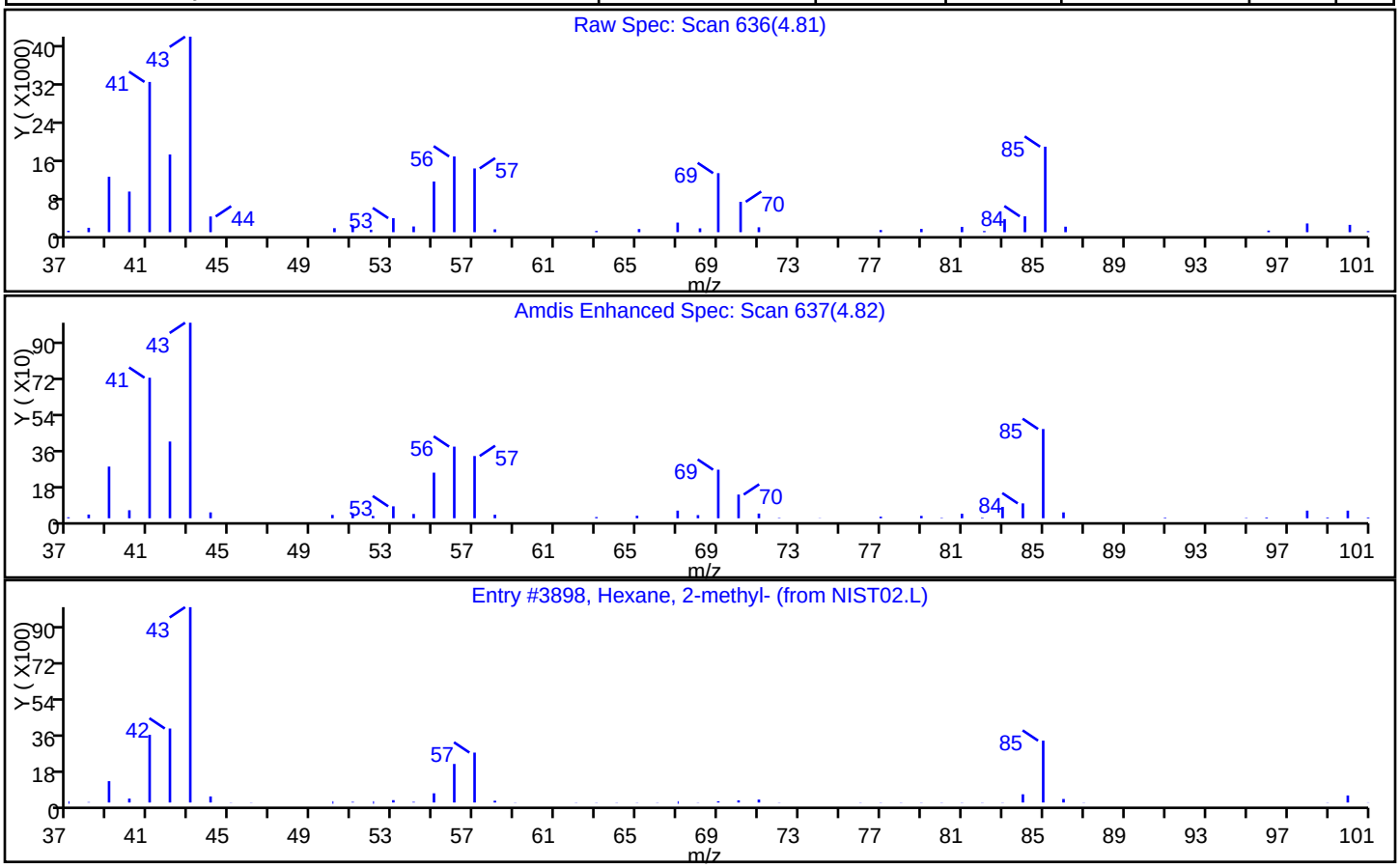
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2-methyl-	591-76-4	NIST02	3898	C7H16	100	83



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

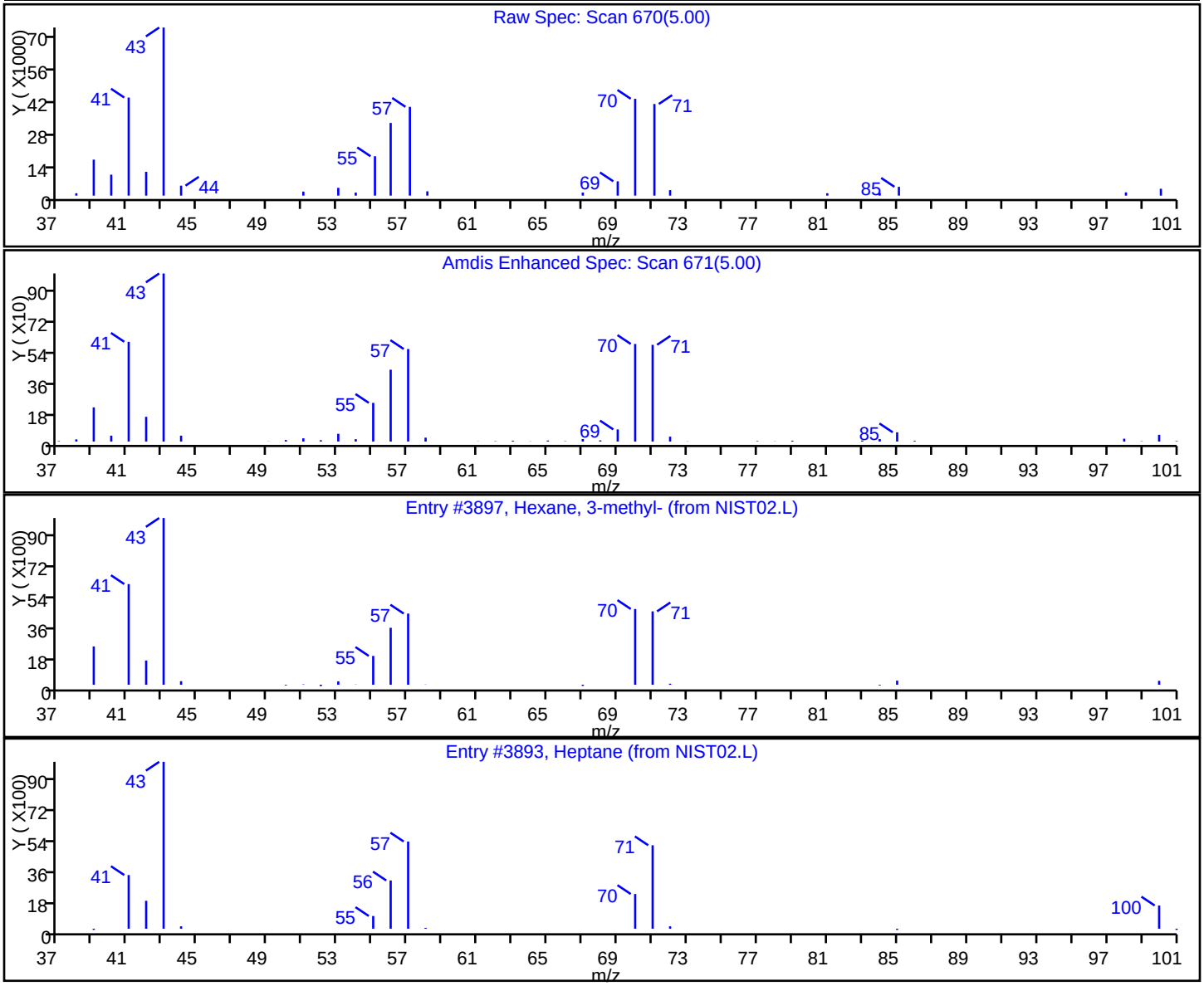
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 3-methyl-	589-34-4	NIST02	3897	C7H16	100	95
Heptane	142-82-5	NIST02.L	3893	C7H16	100	72



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

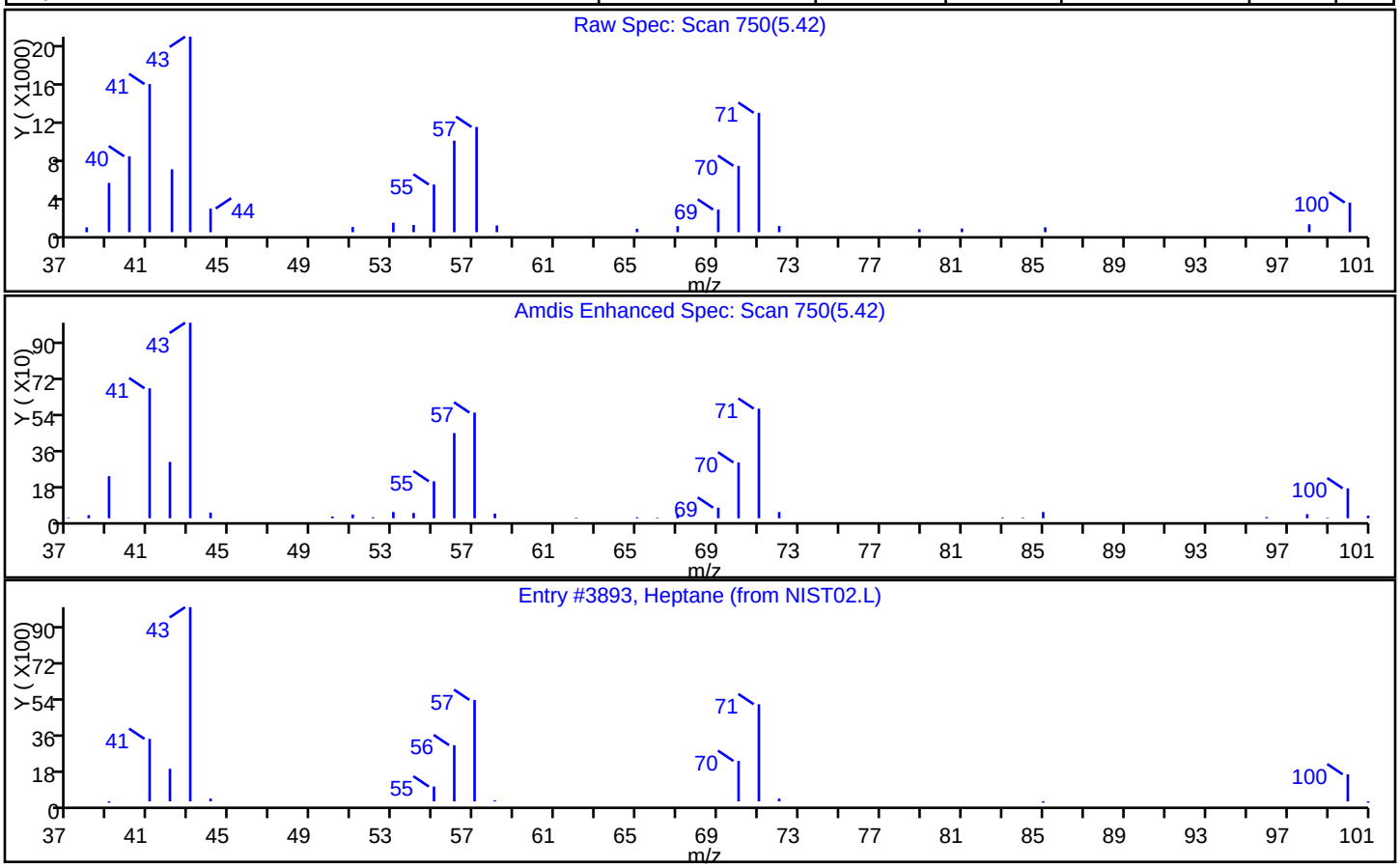
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane	142-82-5	NIST02	3893	C7H16	100	90



Report Date: 23-Jun-2014 11:24:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28524.D

Injection Date: 22-Jun-2014 12:01:30 Instrument ID: CVOAMS9

Lims ID: 460-78044-B-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

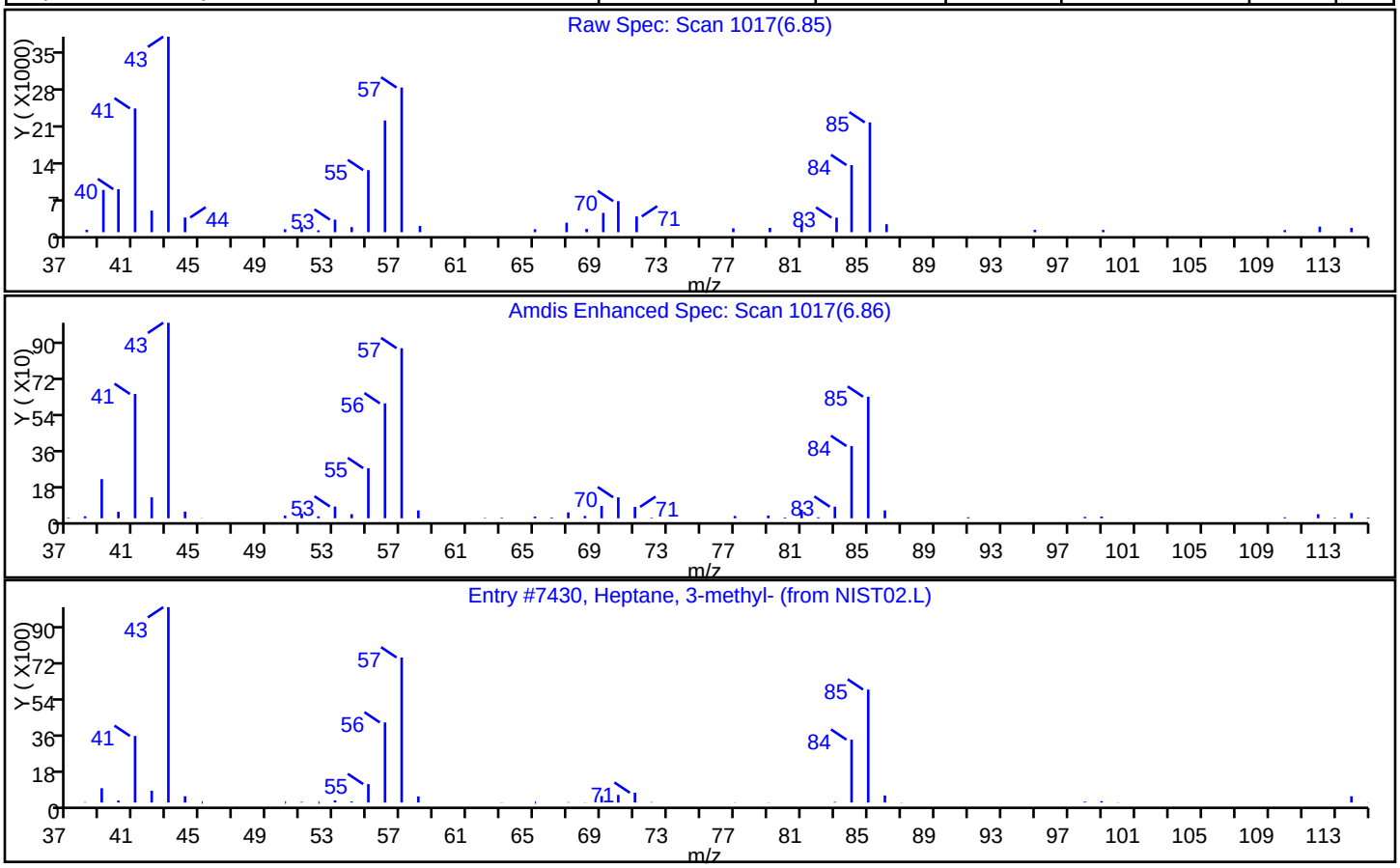
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 3-methyl-	589-81-1	NIST02	7430	C8H18	114	74



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Matrix: Solid Lab File ID: K28525.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.48(g) Date Analyzed: 06/22/2014 12:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
75-00-3	Chloroethane	0.36	U	1.1	0.36
75-09-2	Methylene Chloride	0.16	U	1.1	0.16
67-64-1	Acetone	14	B	5.5	1.9
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	1.2	J	5.5	0.69
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
179601-23-1	m&p-Xylene	0.65	U	1.1	0.65
95-47-6	o-Xylene	0.21	U	1.1	0.21
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	5.5	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	5.5	0.35
123-91-1	1,4-Dioxane	14	U	22	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	5.5	0.22
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Matrix: Solid Lab File ID: K28525.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.48(g) Date Analyzed: 06/22/2014 12:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
79-34-5	1,1,2,2-Tetrachloroethane	0.099	U	1.1	0.099
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	82		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Matrix: Solid Lab File ID: K28525.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5.48(g) Date Analyzed: 06/22/2014 12:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 11:24:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28525.D
Lims ID: 460-78044-B-6-A Lab Sample ID: 460-78044-6
Client ID: S-6
Sample Type: Client
Inject. Date: 22-Jun-2014 12:26:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-6-A
Misc. Info.: 460-0014879-015
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:24:44 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:10:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.975	2.990	-0.015	77	14511	12.4	
* 151 TBA-d9 (IS)	65	3.344	3.349	-0.005	47	271924	1000.0	
43 2-Butanone (MEK)	72	4.494	4.499	-0.005	95	388	1.13	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	176100	49.8	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	89	166964	46.7	
* 59 Fluorobenzene	96	5.553	5.558	-0.005	99	609273	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	98	19193	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	549568	46.2	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	394320	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	95	142591	41.1	
* 116 1,4-Dichlorobenzene-d4	152	11.080	11.079	0.001	96	171573	50.0	

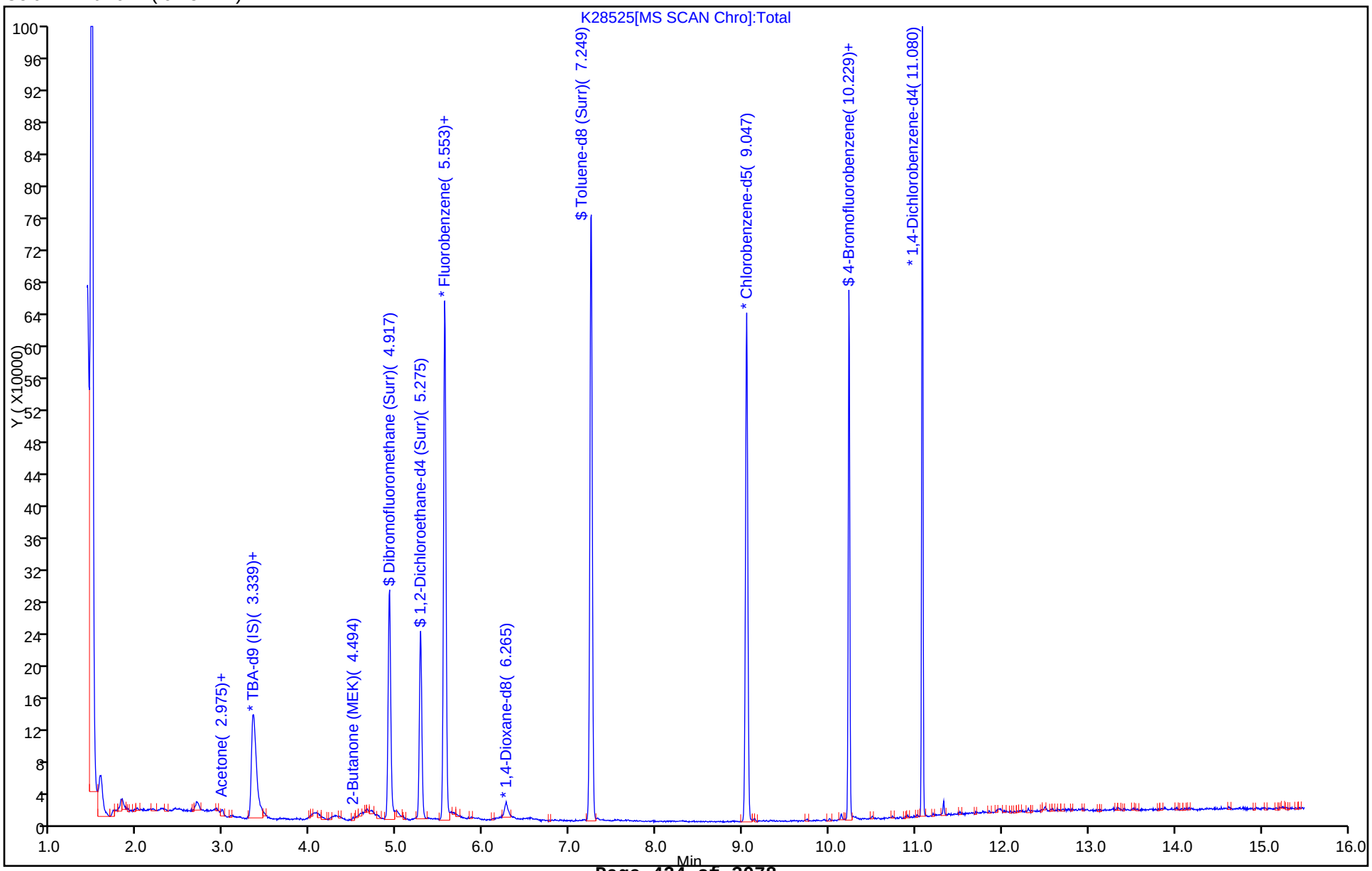
Report Date: 23-Jun-2014 11:24:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28525.D

Injection Date:	22-Jun-2014 12:26:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-6-A	Lab Sample ID:	460-78044-6	Worklist Smp#:	15
Client ID:	S-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



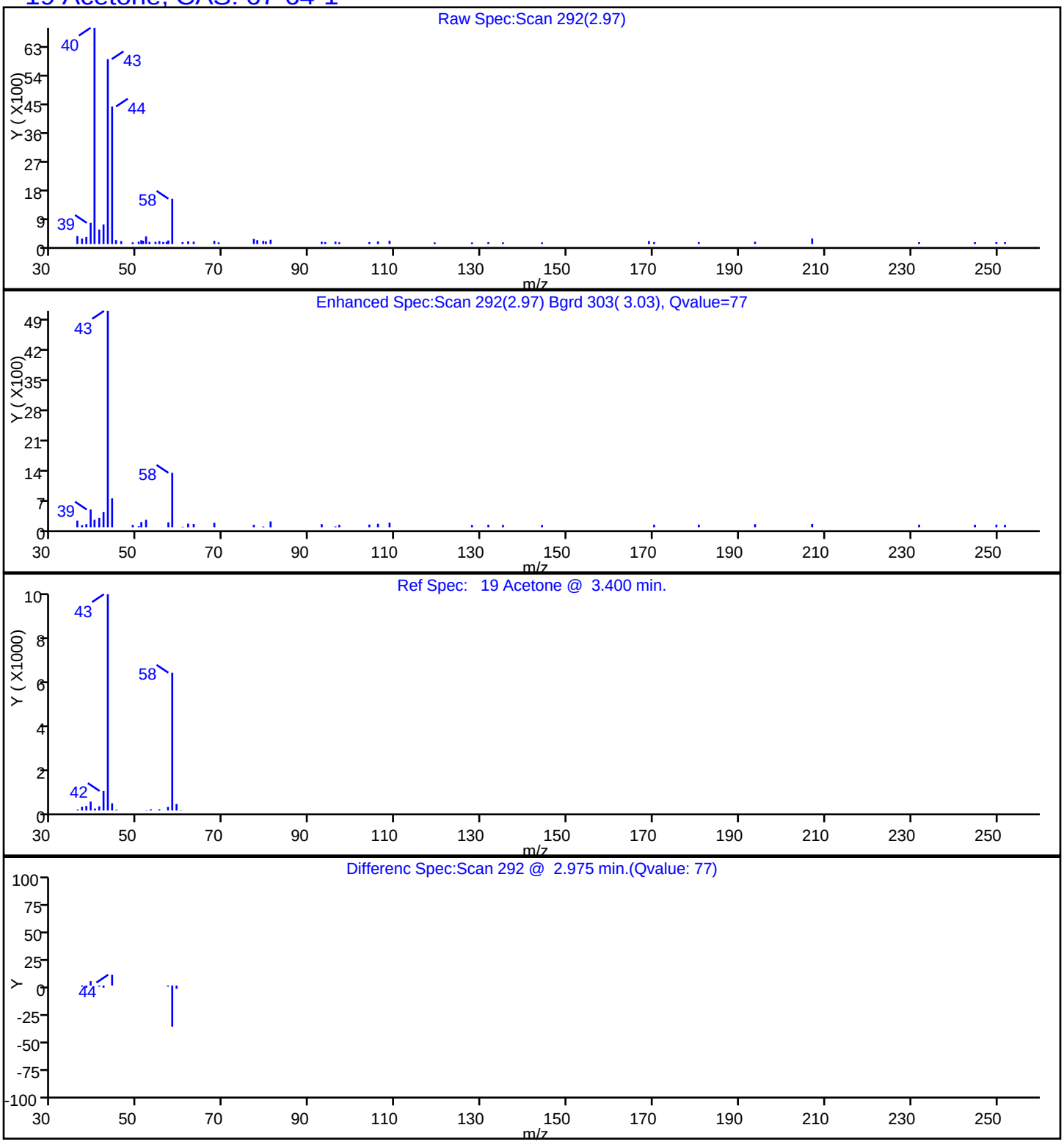
Report Date: 23-Jun-2014 11:24:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28525.D

Injection Date:	22-Jun-2014 12:26:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



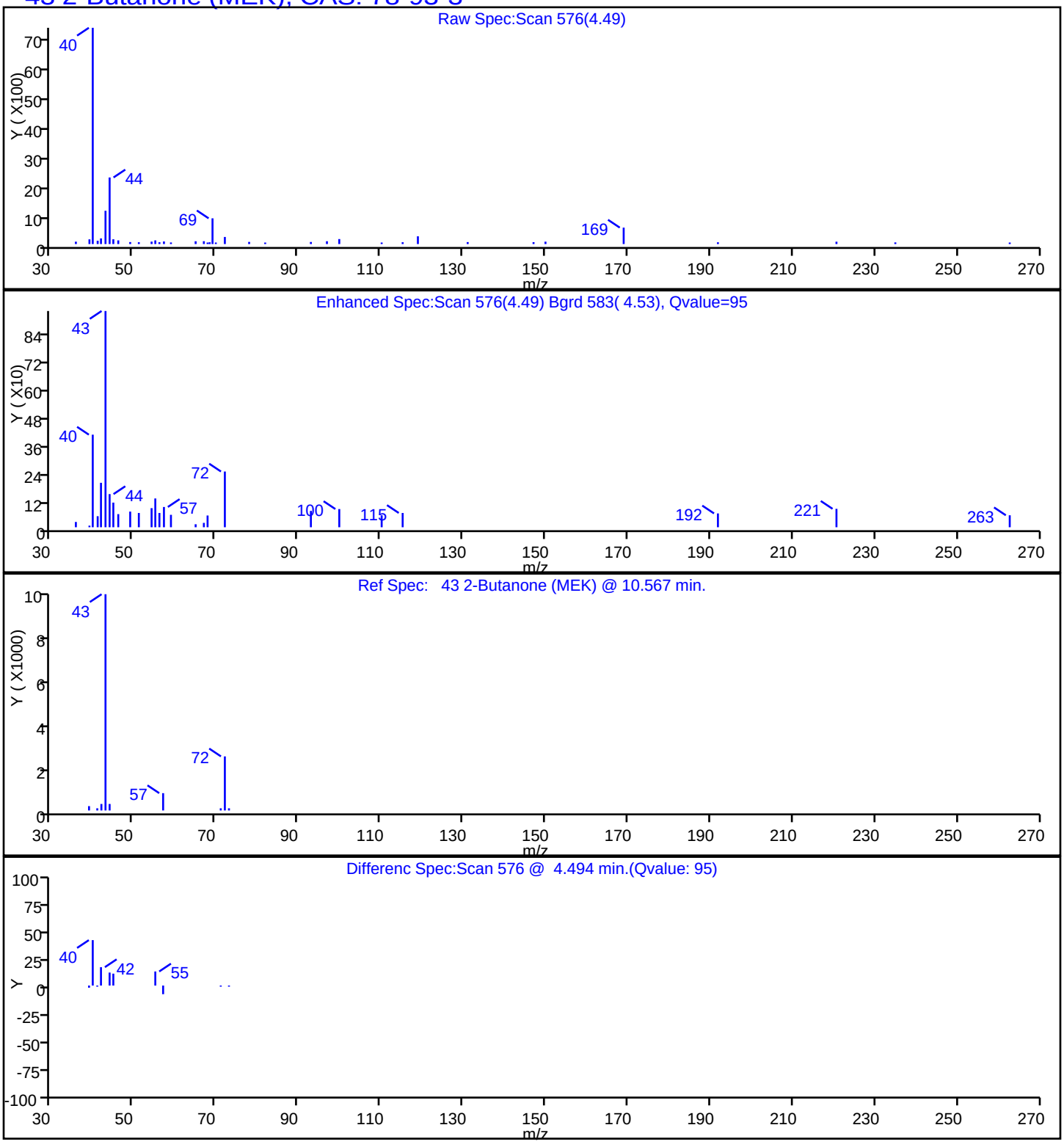
Report Date: 23-Jun-2014 11:24:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28525.D

Injection Date:	22-Jun-2014 12:26:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 | Lab Sample ID: 460-78044-7

Matrix: Solid | Lab File ID: K28526.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 2.21(g) | Date Analyzed: 06/22/2014 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.41	U	2.5	0.41
74-83-9	Bromomethane	1.1	U	2.5	1.1
75-01-4	Vinyl chloride	0.86	U	2.5	0.86
75-00-3	Chloroethane	0.84	U	2.5	0.84
75-09-2	Methylene Chloride	0.40	J B	2.5	0.38
67-64-1	Acetone	30	B	13	4.3
75-15-0	Carbon disulfide	0.59	J	2.5	0.38
75-69-4	Trichlorofluoromethane	0.41	U	2.5	0.41
75-35-4	1,1-Dichloroethene	0.48	U	2.5	0.48
75-34-3	1,1-Dichloroethane	0.28	U	2.5	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	2.5	0.33
156-59-2	cis-1,2-Dichloroethene	0.28	U	2.5	0.28
67-66-3	Chloroform	0.61	U	2.5	0.61
78-93-3	2-Butanone	3.5	J	13	1.6
107-06-2	1,2-Dichloroethane	0.46	U	2.5	0.46
71-55-6	1,1,1-Trichloroethane	0.33	U	2.5	0.33
56-23-5	Carbon tetrachloride	0.38	U	2.5	0.38
71-43-2	Benzene	0.38	U	2.5	0.38
75-25-2	Bromoform	0.43	U	2.5	0.43
100-42-5	Styrene	0.71	U	2.5	0.71
179601-23-1	m&p-Xylene	1.5	U	2.5	1.5
95-47-6	o-Xylene	0.48	U	2.5	0.48
100-41-4	Ethylbenzene	0.43	U	2.5	0.43
108-90-7	Chlorobenzene	0.46	U	2.5	0.46
110-82-7	Cyclohexane	0.33	U	2.5	0.33
98-82-8	Isopropylbenzene	0.28	U	2.5	0.28
591-78-6	2-Hexanone	0.33	U	13	0.33
1634-04-4	MTBE	0.28	U	2.5	0.28
76-13-1	Freon TF	0.28	U	2.5	0.28
79-20-9	Methyl acetate	0.81	U	13	0.81
123-91-1	1,4-Dioxane	32	U	51	32
79-01-6	Trichloroethene	0.30	U	2.5	0.30
108-88-3	Toluene	0.35	U	2.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.25	U	2.5	0.25
108-10-1	4-Methyl-2-pentanone	0.51	U	13	0.51
10061-01-5	cis-1,3-Dichloropropene	0.35	U	2.5	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: K28526.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 2.21(g) Date Analyzed: 06/22/2014 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.25	U	2.5	0.25
541-73-1	1,3-Dichlorobenzene	0.41	U	2.5	0.41
106-46-7	1,4-Dichlorobenzene	0.28	U	2.5	0.28
120-82-1	1,2,4-Trichlorobenzene	0.48	U	2.5	0.48
87-61-6	1,2,3-Trichlorobenzene	0.41	U	2.5	0.41
78-87-5	1,2-Dichloropropane	0.38	U	2.5	0.38
108-87-2	Methylcyclohexane	0.25	U	2.5	0.25
127-18-4	Tetrachloroethene	0.30	U	2.5	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	2.5	1.1
79-34-5	1,1,2,2-Tetrachloroethane	0.23	U	2.5	0.23
79-00-5	1,1,2-Trichloroethane	0.35	U	2.5	0.35
124-48-1	Dibromochloromethane	0.25	U	2.5	0.25
106-93-4	1,2-Dibromoethane	0.38	U	2.5	0.38
75-71-8	Dichlorodifluoromethane	0.56	U	2.5	0.56
74-97-5	Bromochloromethane	0.28	U	2.5	0.28
75-27-4	Bromodichloromethane	0.81	U	2.5	0.81

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	86		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: K28526.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 2.21(g) Date Analyzed: 06/22/2014 12:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 11:25:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D
Lims ID: 460-78044-B-7-A Lab Sample ID: 460-78044-7
Client ID: S-7
Sample Type: Client
Inject. Date: 22-Jun-2014 12:50:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-7-A
Misc. Info.: 460-0014879-016
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:25:12 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:11:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	2.985	2.990	-0.005	81	13418	11.8	
21 Carbon disulfide	76	3.092	3.092	0.000	98	4678	0.2331	
* 151 TBA-d9 (IS)	65	3.344	3.349	-0.005	48	265028	1000.0	
25 Methylene Chloride	84	3.354	3.354	0.000	17	797	0.1588	
43 2-Butanone (MEK)	72	4.494	4.499	-0.005	88	465	1.39	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	181598	49.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.280	0.000	89	169473	45.8	
* 59 Fluorobenzene	96	5.559	5.558	0.001	99	630925	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	95	19639	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	98	565097	44.6	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	420233	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	95	158283	42.8	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	210472	50.0	

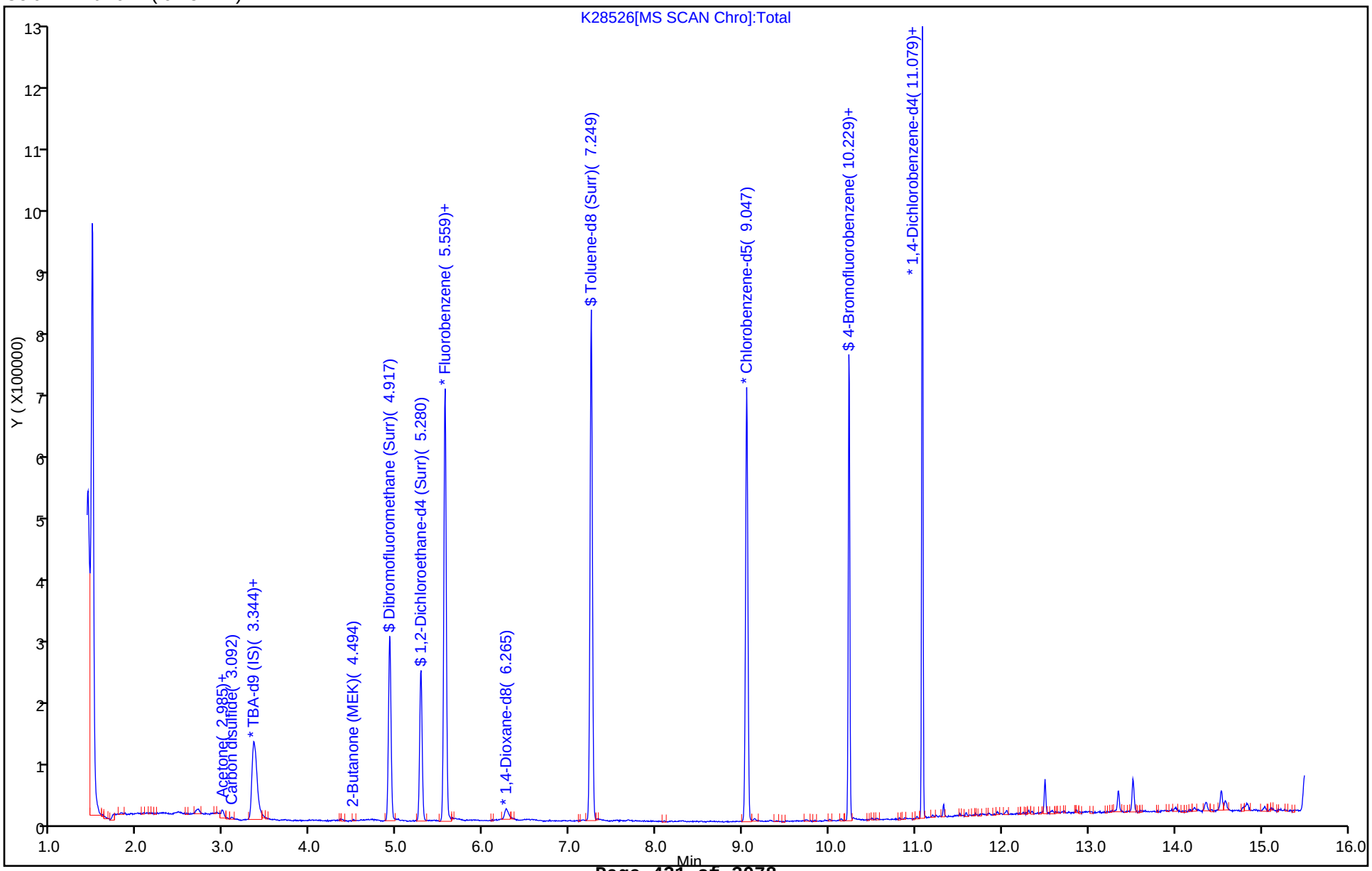
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D

Injection Date:	22-Jun-2014 12:50:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-78044-B-7-A	Lab Sample ID:	460-78044-7	Worklist Smp#:	16
Client ID:	S-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



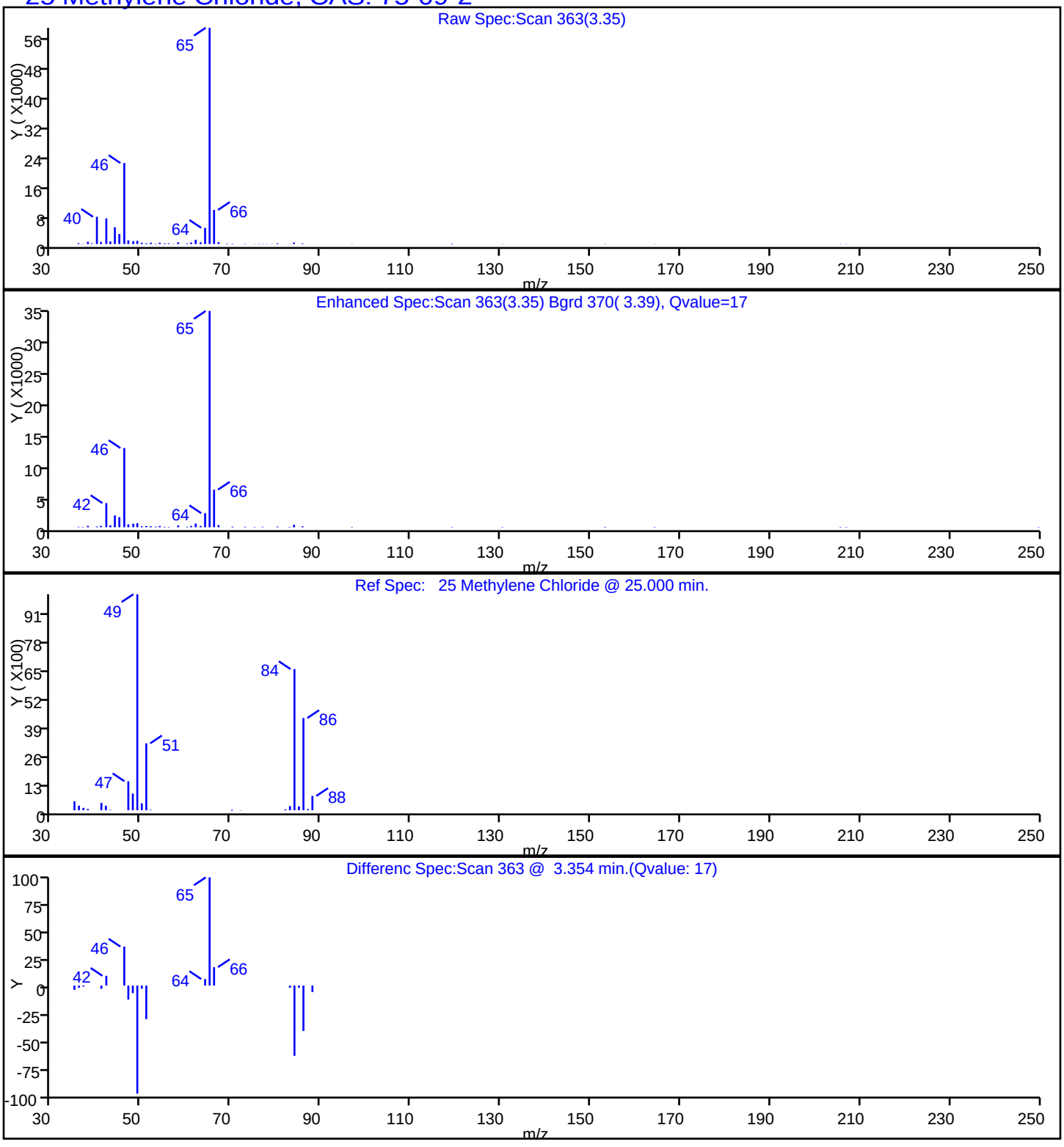
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D

Injection Date:	22-Jun-2014 12:50:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 Methylene Chloride, CAS: 75-09-2



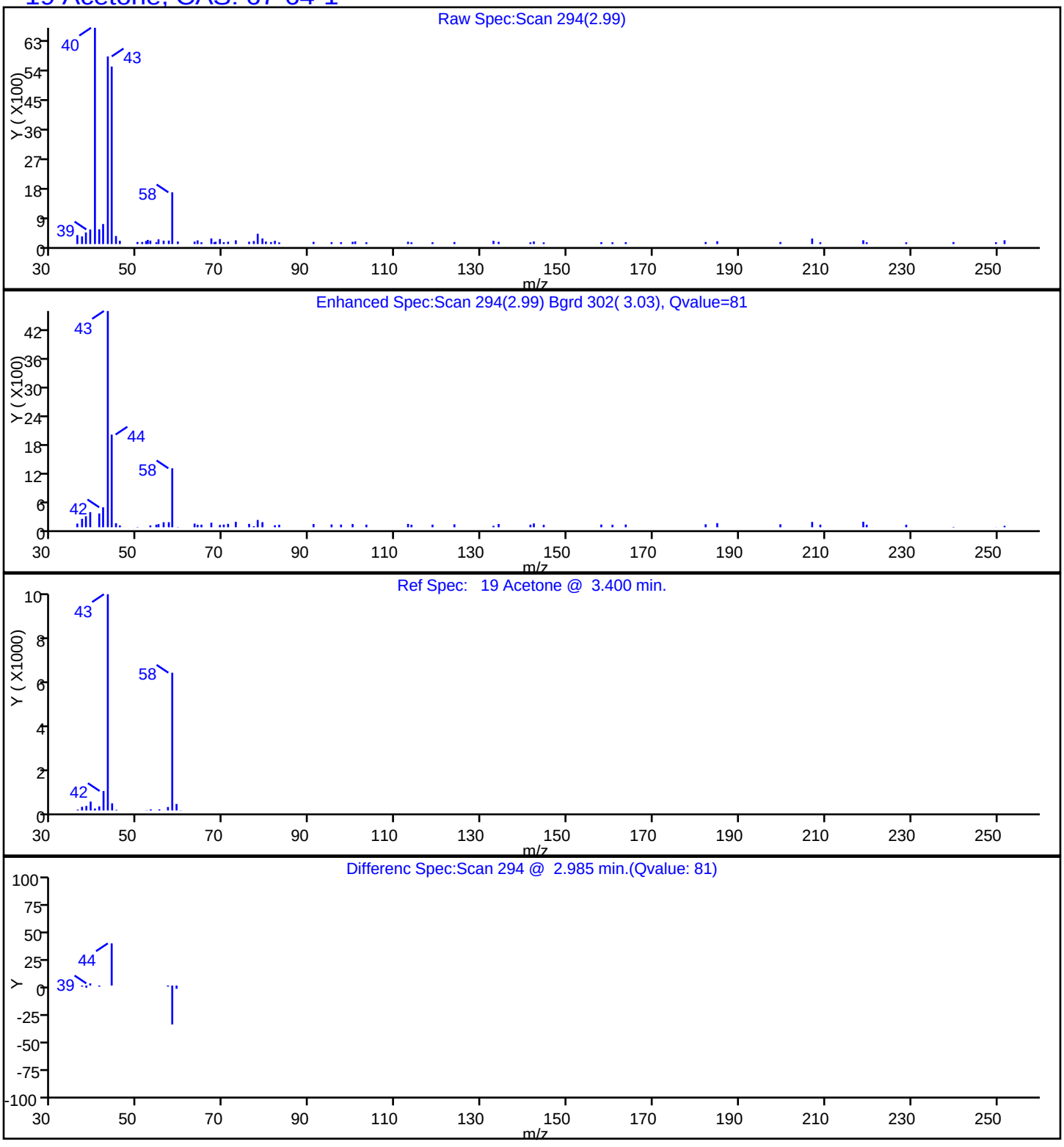
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D

Injection Date:	22-Jun-2014 12:50:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



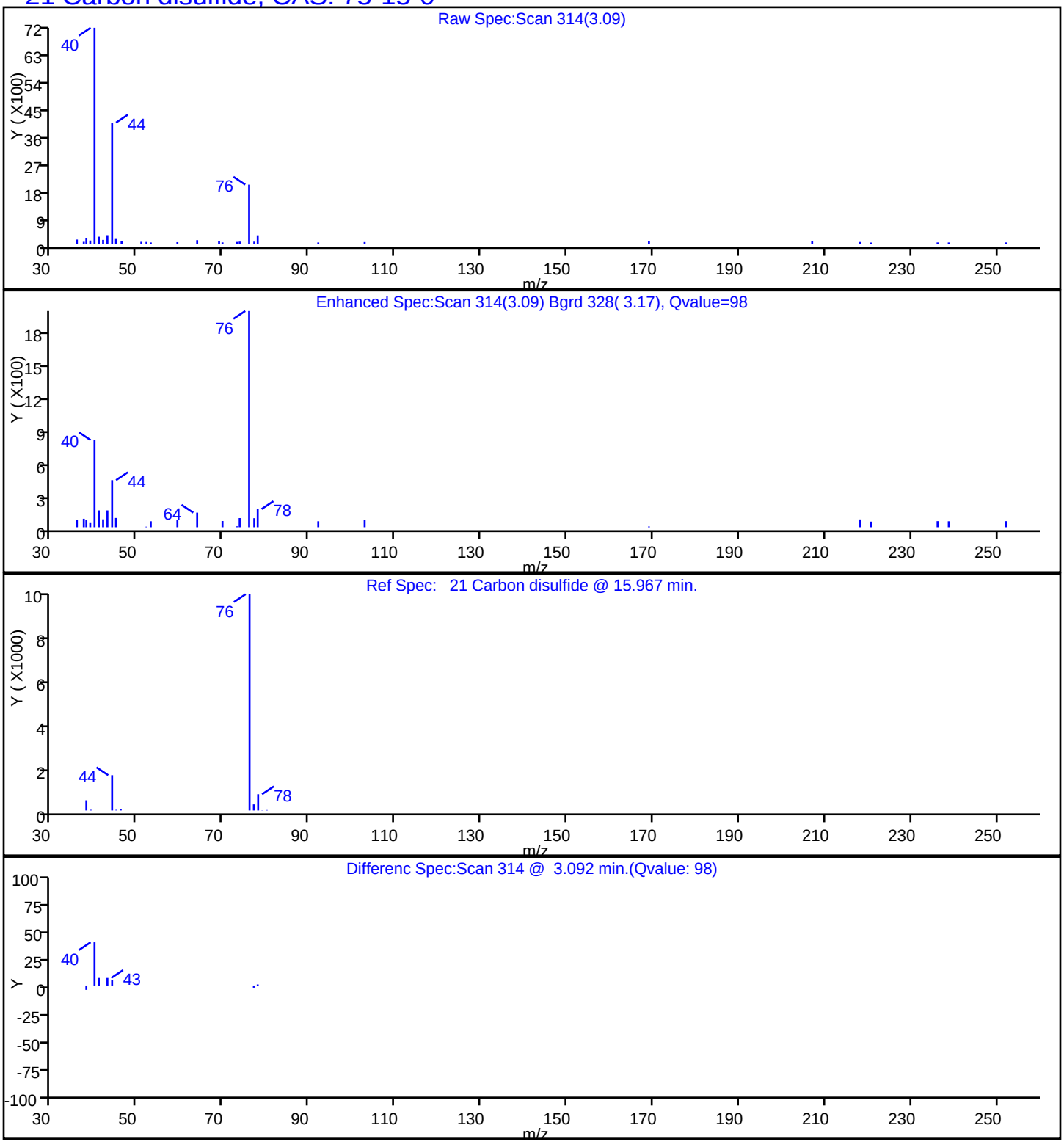
Report Date: 23-Jun-2014 11:25:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D

Injection Date:	22-Jun-2014 12:50:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



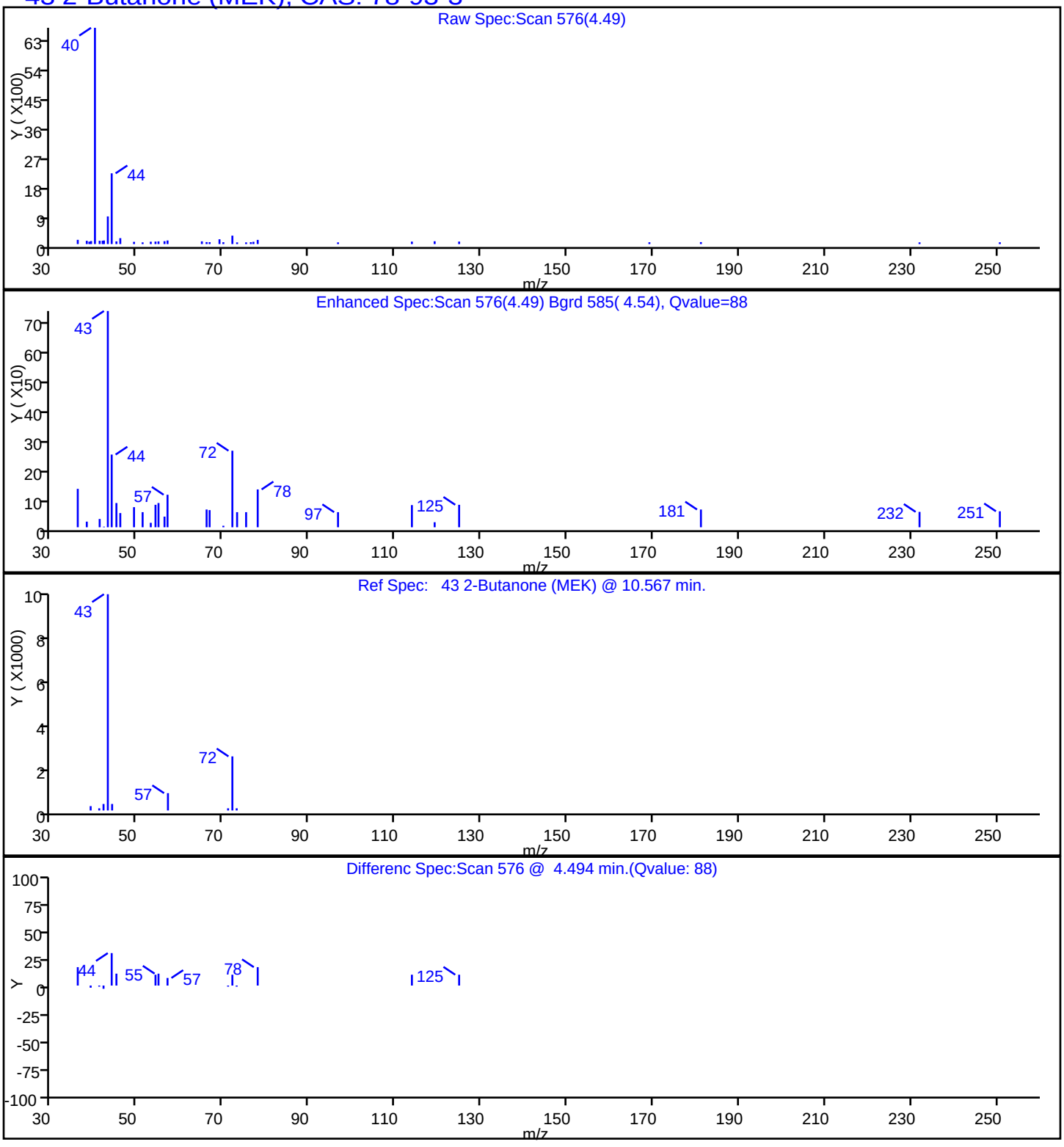
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28526.D

Injection Date:	22-Jun-2014 12:50:30	Instrument ID:	CVOAMS9		
Lims ID:	460-78044-B-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: A05264.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 17:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
76-13-1	Freon TF	0.080	U	1.0	0.080
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.33	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
1634-04-4	MTBE	0.45	J	1.0	0.14
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
71-43-2	Benzene	0.080	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
591-78-6	2-Hexanone	0.50	U	5.0	0.50
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 | Lab Sample ID: 460-78044-8

Matrix: Water | Lab File ID: A05264.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 17:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.28	J	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.19	J	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: A05264.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 17:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 24-Jun-2014 10:38:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D
Lims ID: 460-78044-B-8 Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 23-Jun-2014 17:30:30 ALS Bottle#: 17 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-8
Misc. Info.: 460-0014903-028
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:38:27 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 24-Jun-2014 07:12:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Carbon disulfide	76	3.267	3.261	0.006	64	4366	0.3252	
* 28 TBA-d9 (IS)	65	3.559	3.566	-0.007	65	299765	1000.0	
30 Methyl tert-butyl ether	73	3.694	3.700	-0.006	70	5135	0.4458	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	51	132200	49.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.205	5.206	-0.001	66	190273	47.2	
* 62 Fluorobenzene	96	5.419	5.413	0.006	97	492001	50.0	
* 69 1,4-Dioxane-d8	96	5.974	5.974	0.000	1	20100	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.784	6.778	0.006	98	502020	48.2	
80 Toluene	91	6.839	6.839	0.000	63	3784	0.2845	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	89	306317	50.0	
92 Ethylbenzene	106	7.943	7.943	0.000	63	829	0.1883	
$ 101 4-Bromofluorobenzene	174	8.626	8.626	0.000	84	124027	51.3	
* 117 1,4-Dichlorobenzene-d4	152	9.290	9.290	0.000	97	151789	50.0	

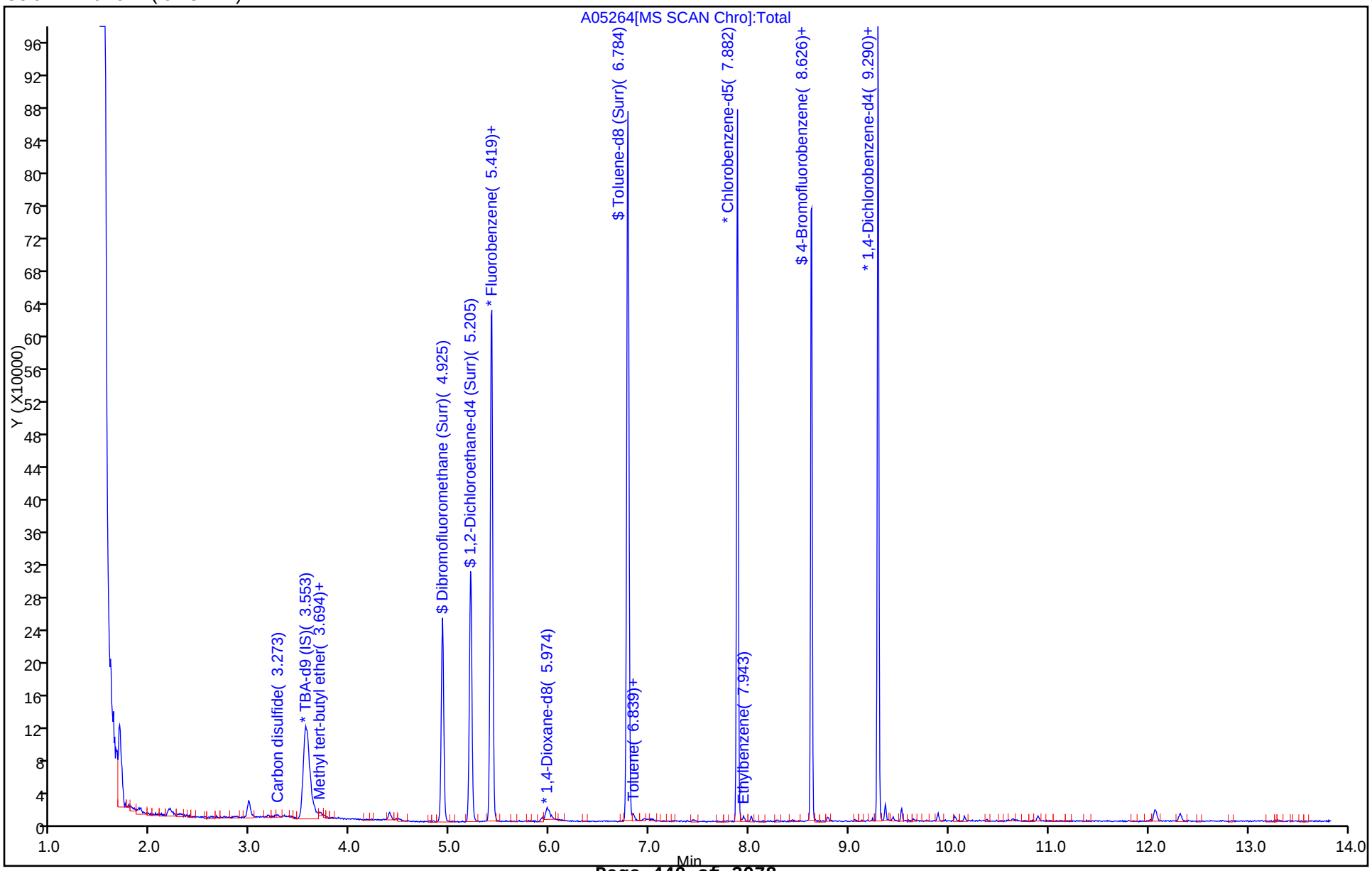
Report Date: 24-Jun-2014 10:38:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D

Injection Date:	23-Jun-2014 17:30:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-78044-B-8	Lab Sample ID:	460-78044-8	Worklist Smp#:	28
Client ID:	TWP-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



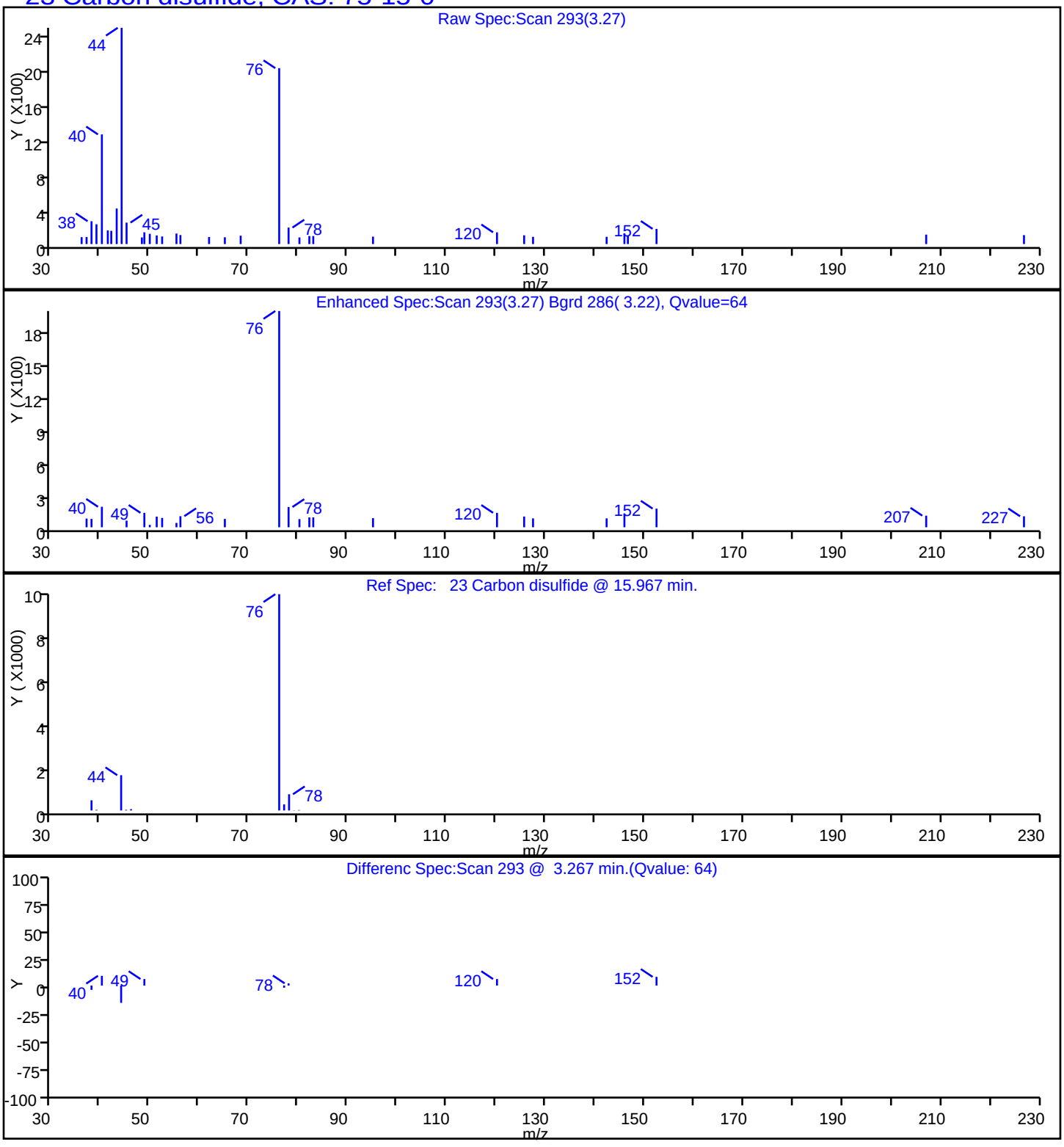
Report Date: 24-Jun-2014 10:38:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D

Injection Date:	23-Jun-2014 17:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-8	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	17	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0



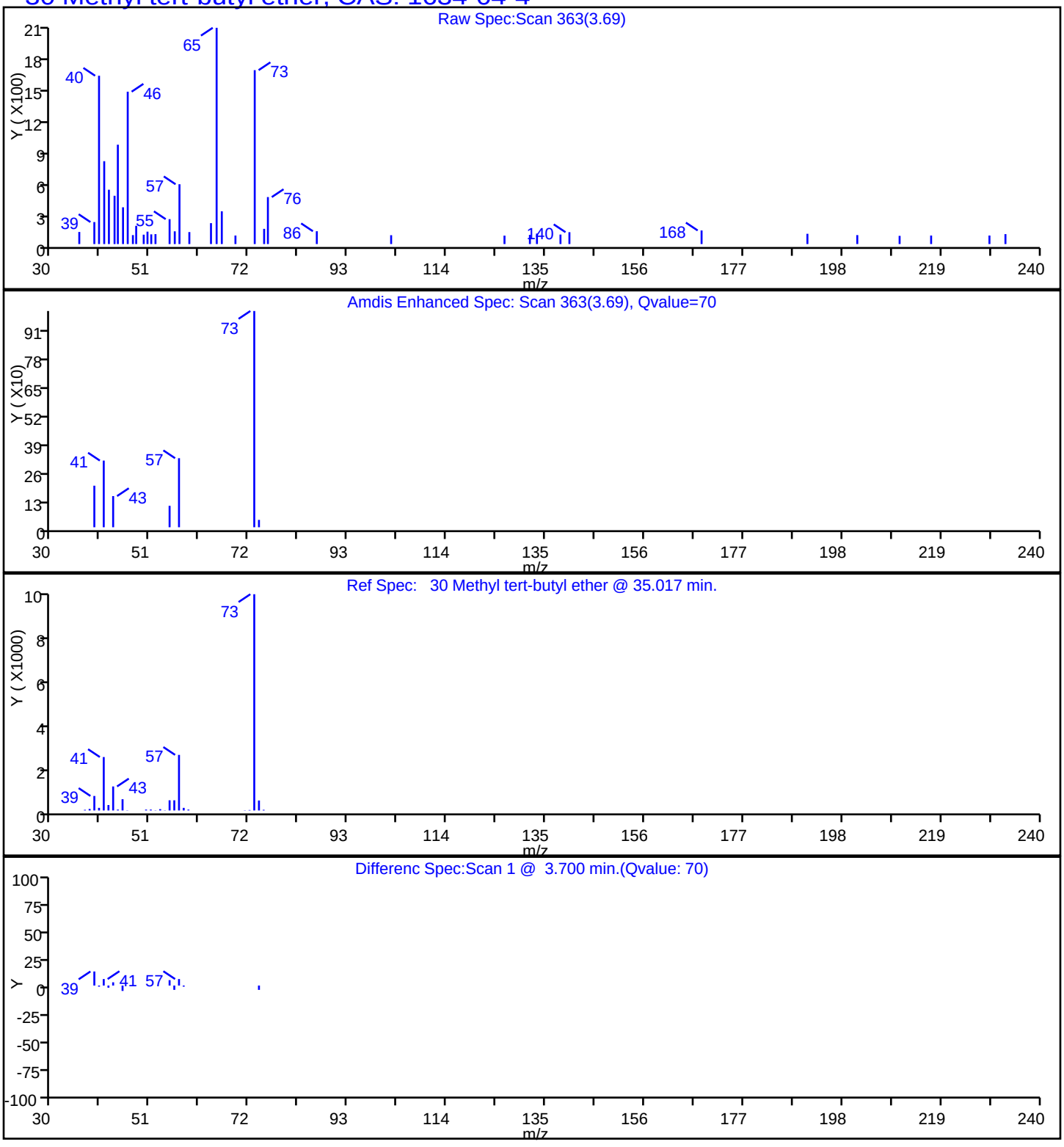
Report Date: 24-Jun-2014 10:38:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D

Injection Date:	23-Jun-2014 17:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-8	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	17	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methyl tert-butyl ether, CAS: 1634-04-4



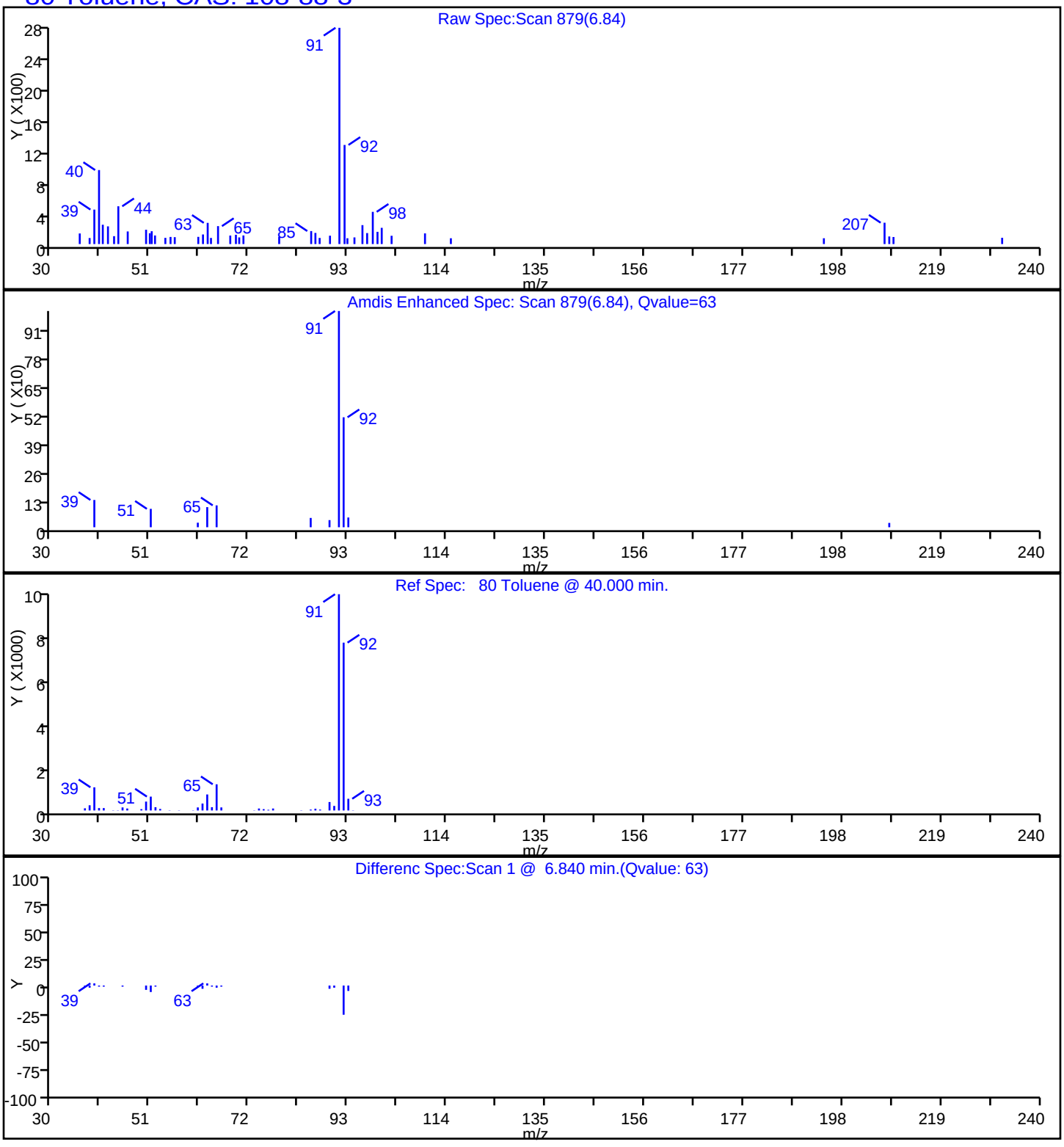
Report Date: 24-Jun-2014 10:38:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D

Injection Date:	23-Jun-2014 17:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-8	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	17	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Toluene, CAS: 108-88-3



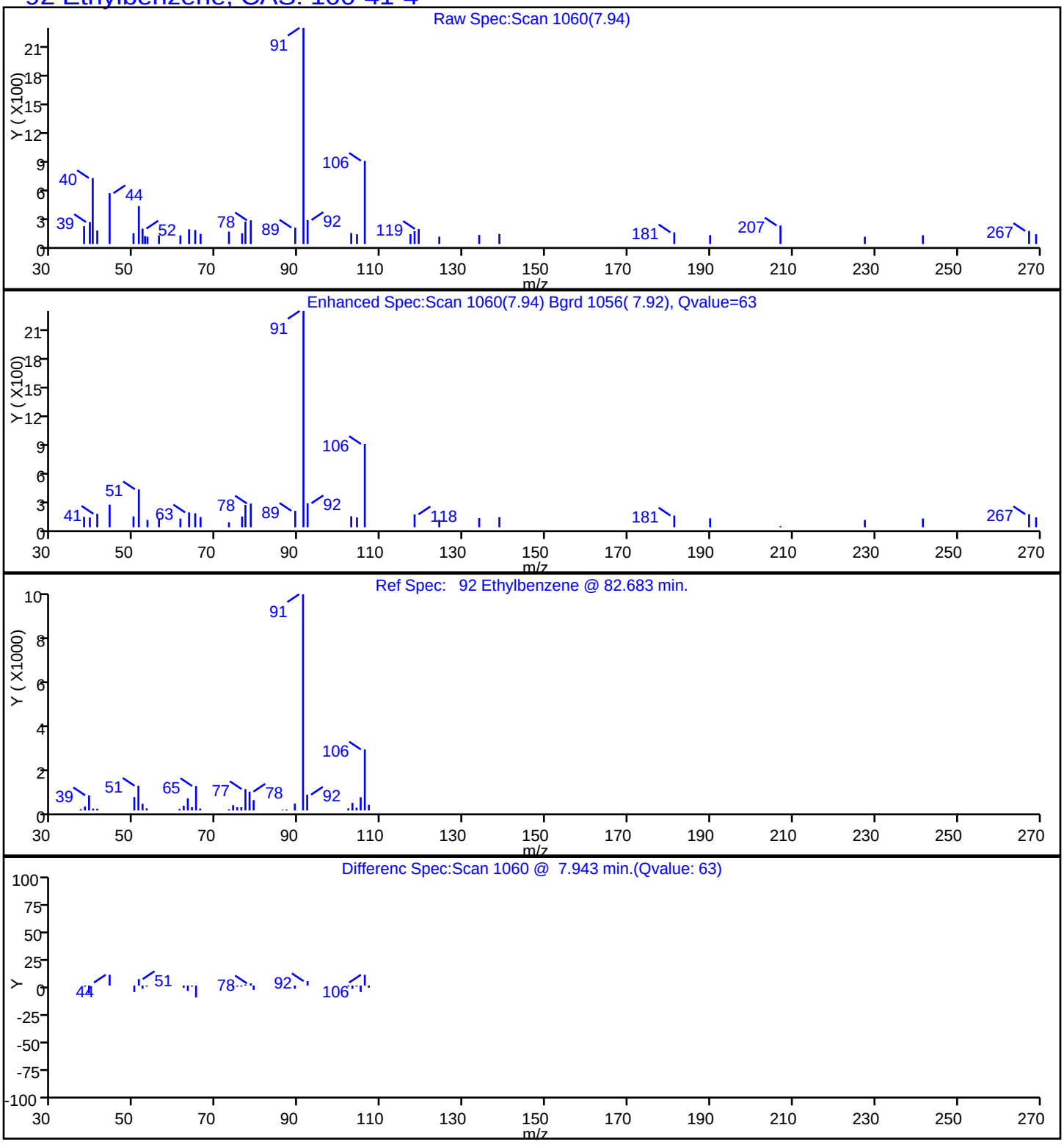
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05264.D

Injection Date:	23-Jun-2014 17:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-8	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	17	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 Ethylbenzene, CAS: 100-41-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: A05265.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 17:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
76-13-1	Freon TF	0.080	U	1.0	0.080
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	1.0		1.0	0.13
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
1634-04-4	MTBE	0.17	J	1.0	0.14
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
71-43-2	Benzene	0.22	J	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
591-78-6	2-Hexanone	0.50	U	5.0	0.50
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 | Lab Sample ID: 460-78044-9

Matrix: Water | Lab File ID: A05265.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 17:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.41	J	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.16	J	1.0	0.10
1330-20-7	Xylenes, Total	0.60	J	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: A05265.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 17:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

Number TICs Found: 1 TIC Result Total: 37

CAS NO.	COMPOUND NAME	RT	RESULT	Q
91-20-3	Naphthalene	10.90	37	J N

Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D
Lims ID: 460-78044-B-9 Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 23-Jun-2014 17:50:30 ALS Bottle#: 18 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-9
Misc. Info.: 460-0014903-029
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:37:49 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 24-Jun-2014 07:12:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Carbon disulfide	76	3.267	3.261	0.006	98	14891	1.05	
* 28 TBA-d9 (IS)	65	3.547	3.566	-0.019	74	306362	1000.0	
30 Methyl tert-butyl ether	73	3.700	3.700	0.000	1	2074	0.1699	M
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	60	132823	46.7	
55 Benzene	78	5.199	5.193	0.006	19	3435	0.2226	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.206	0.000	63	188377	44.1	
* 62 Fluorobenzene	96	5.413	5.413	0.000	97	521235	50.0	
* 69 1,4-Dioxane-d8	96	5.986	5.974	0.012	1	19805	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.785	6.778	0.007	97	496415	44.3	
80 Toluene	91	6.839	6.839	0.000	80	5871	0.4098	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	89	329900	50.0	
92 Ethylbenzene	106	7.949	7.943	0.006	83	770	0.1624	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	2055	0.3544	
96 o-Xylene	106	8.284	8.284	0.000	81	1456	0.2446	
$ 101 4-Bromofluorobenzene	174	8.626	8.626	0.000	82	122827	44.8	
* 117 1,4-Dichlorobenzene-d4	152	9.296	9.290	0.006	97	172026	50.0	
S 137 Xylenes, Total	100				0		0.5990	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D				
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Sample Type:	Client				
Inject. Date:	23-Jun-2014 17:50:30	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-78044-B-9				
Misc. Info.:	460-0014903-029				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	24-Jun-2014 10:37:49	Calib Date:	24-May-2014 00:40:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	30				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK022				
First Level Reviewer: moroneyc		Date:	24-Jun-2014 07:12:41		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
91-20-3 Naphthalene								
10.900	869181	36.6	117	95	11563	C10H8	128	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	9.296	1186978	50.0

QC Flag Legend

Processing Flags

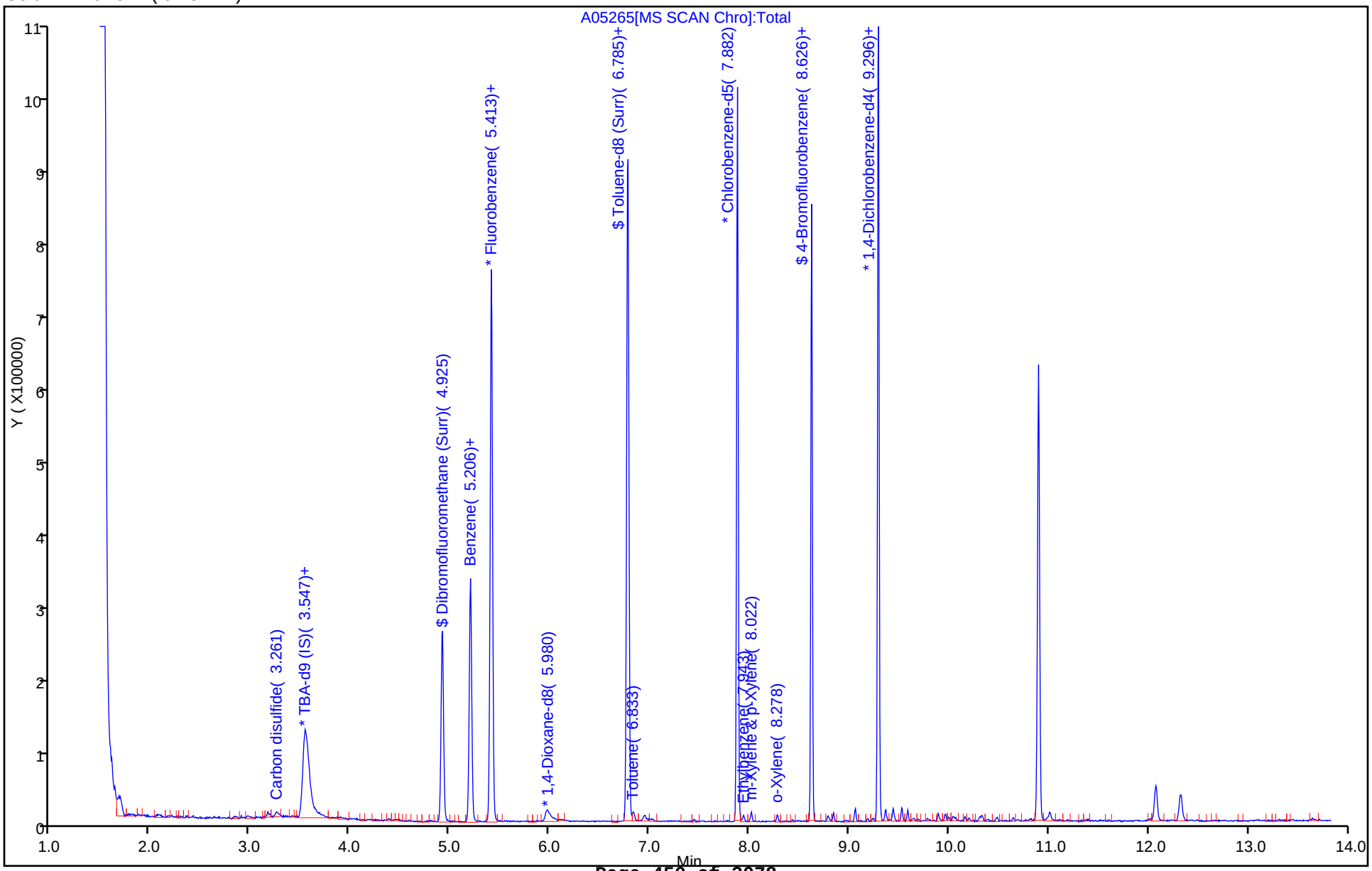
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9	Worklist Smp#:	29
Client ID:	TWP-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



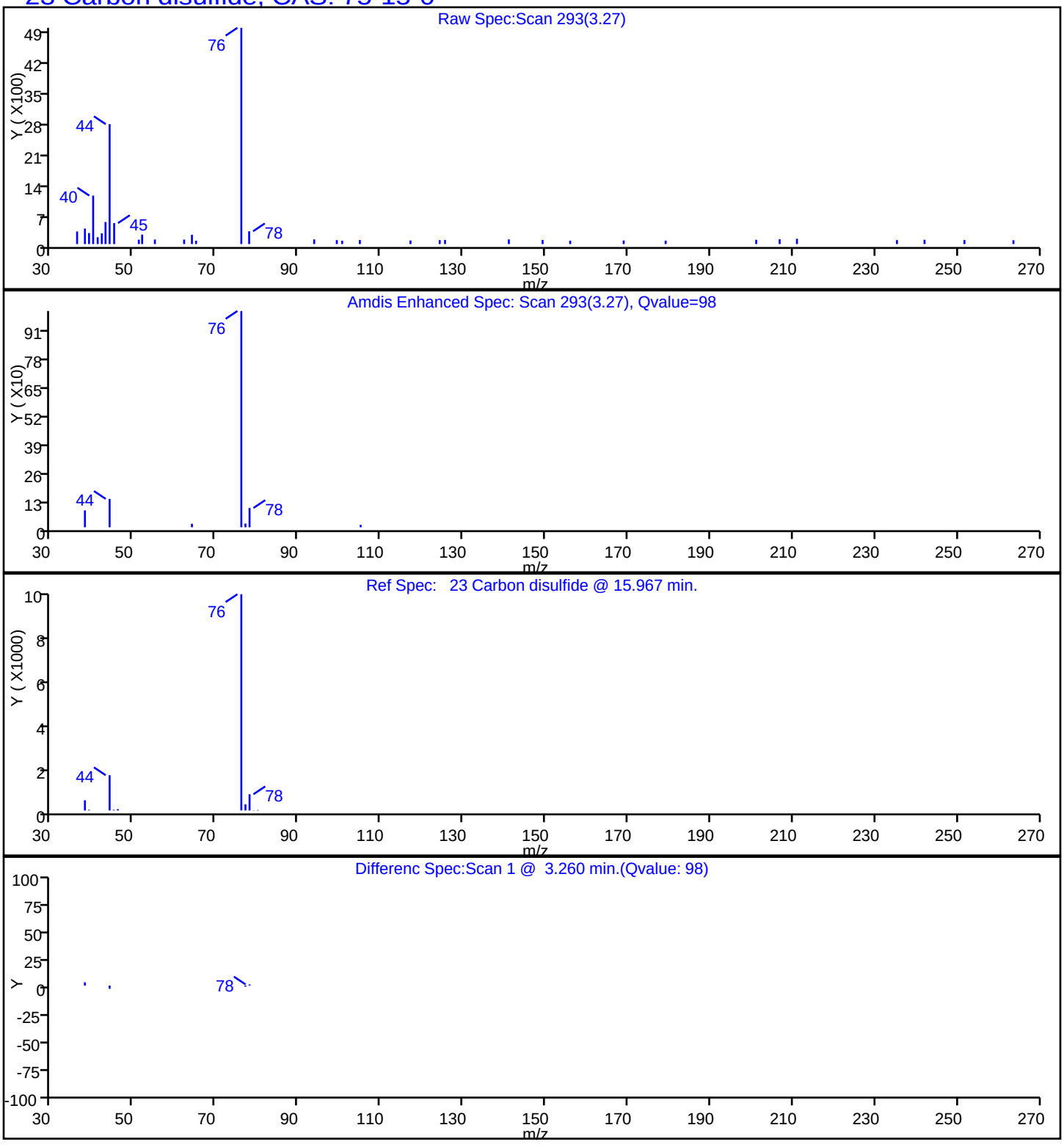
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0



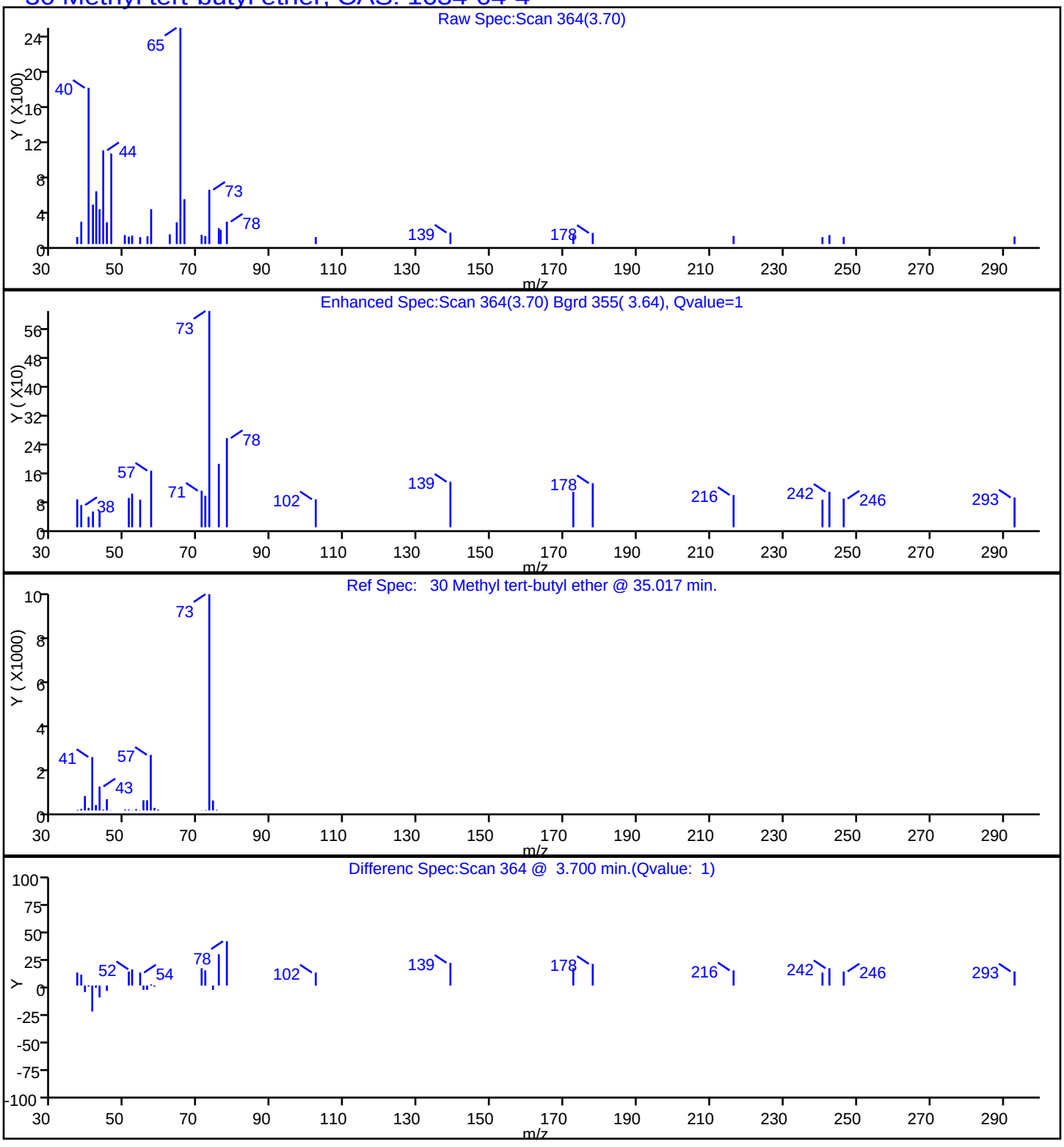
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methyl tert-butyl ether, CAS: 1634-04-4



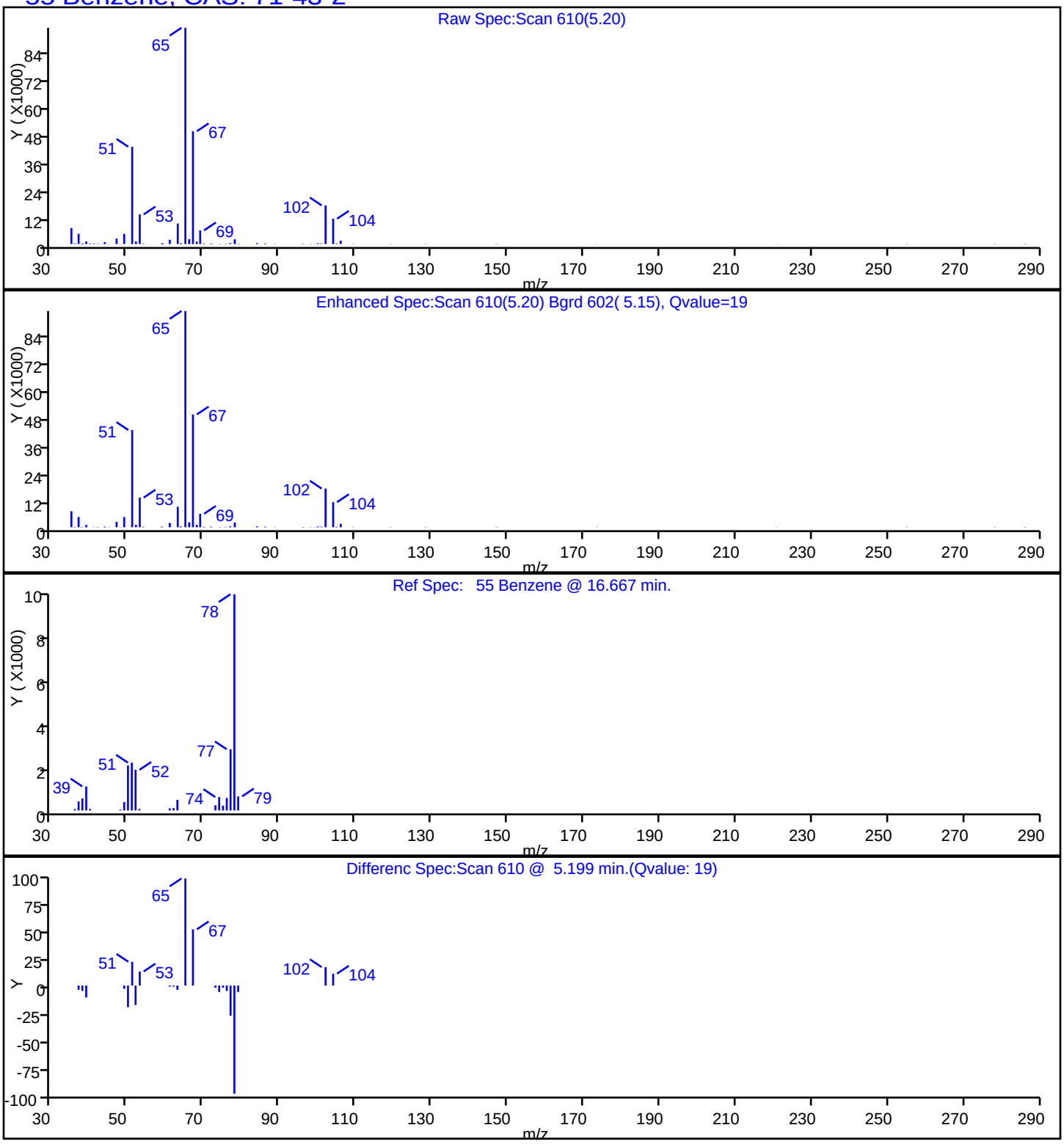
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



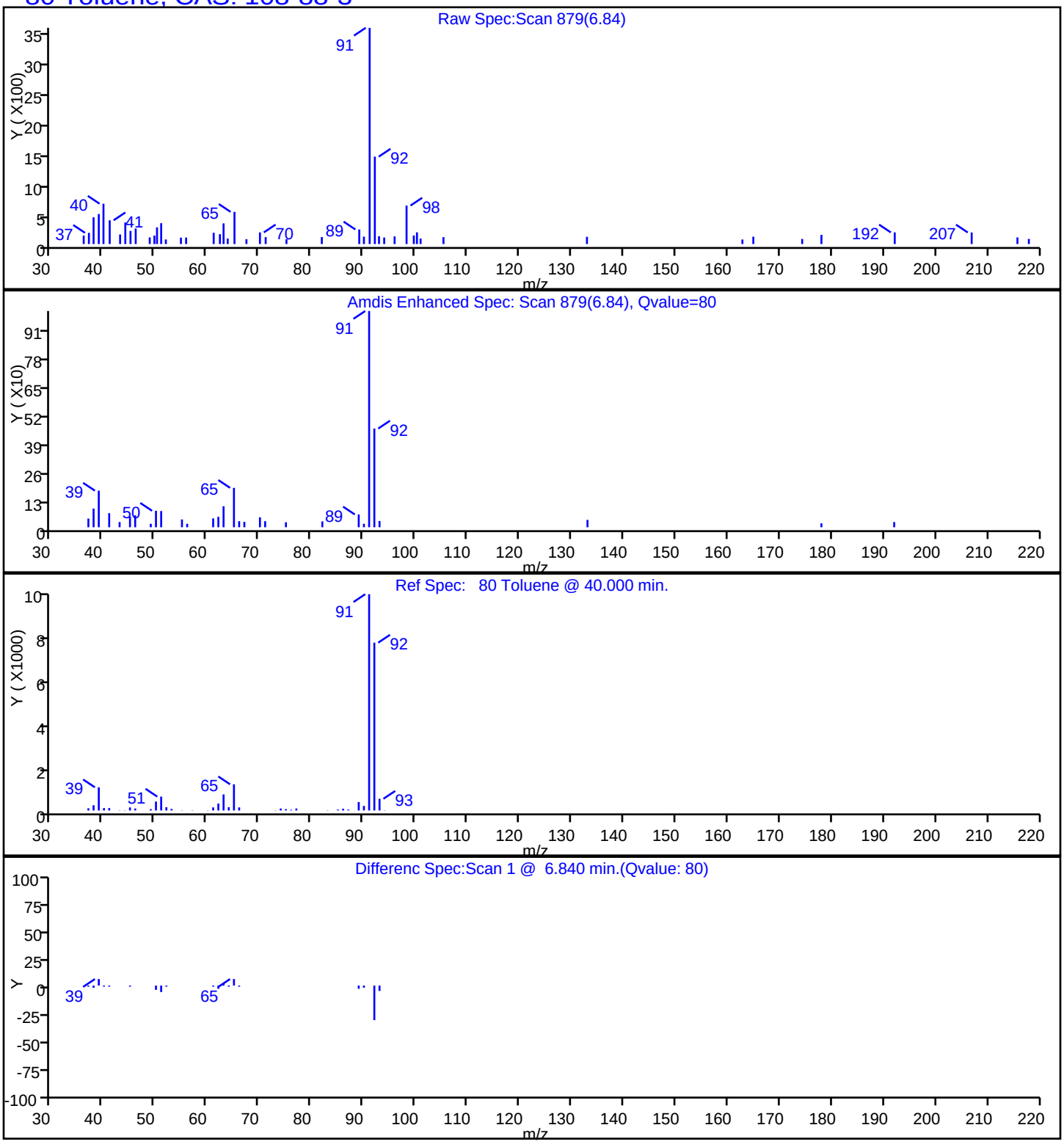
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Toluene, CAS: 108-88-3



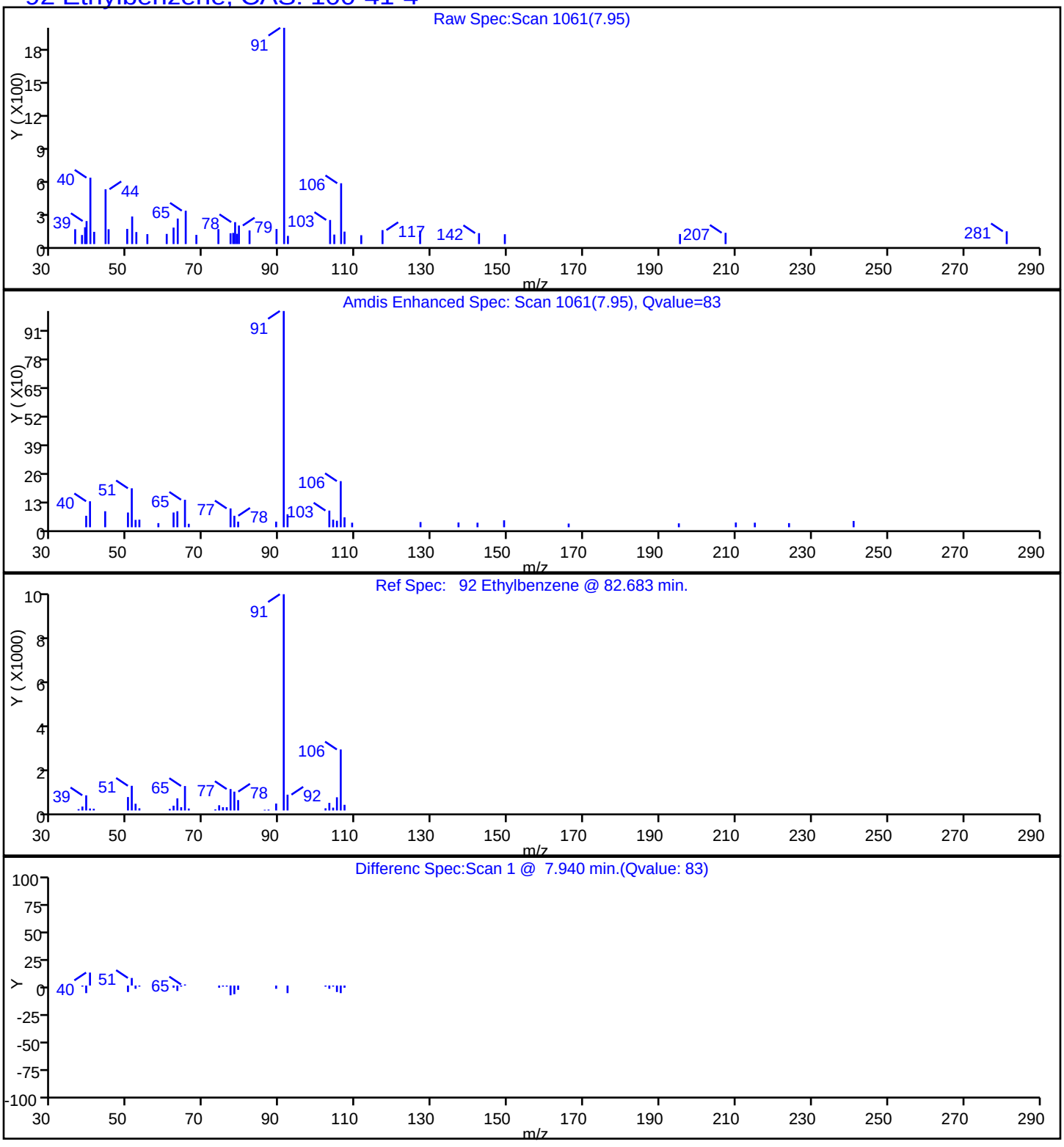
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 Ethylbenzene, CAS: 100-41-4

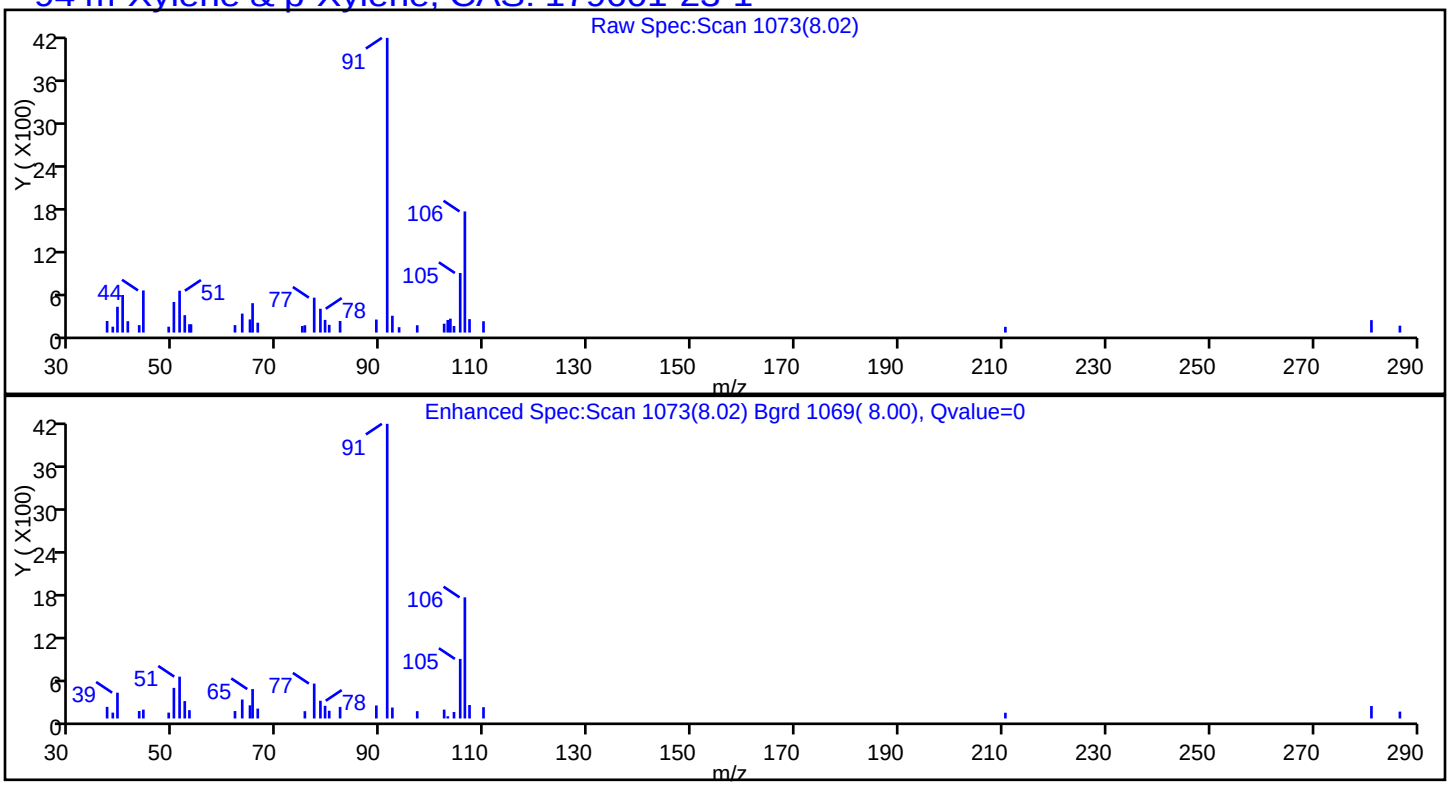


Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D				
Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 m-Xylene & p-Xylene, CAS: 179601-23-1



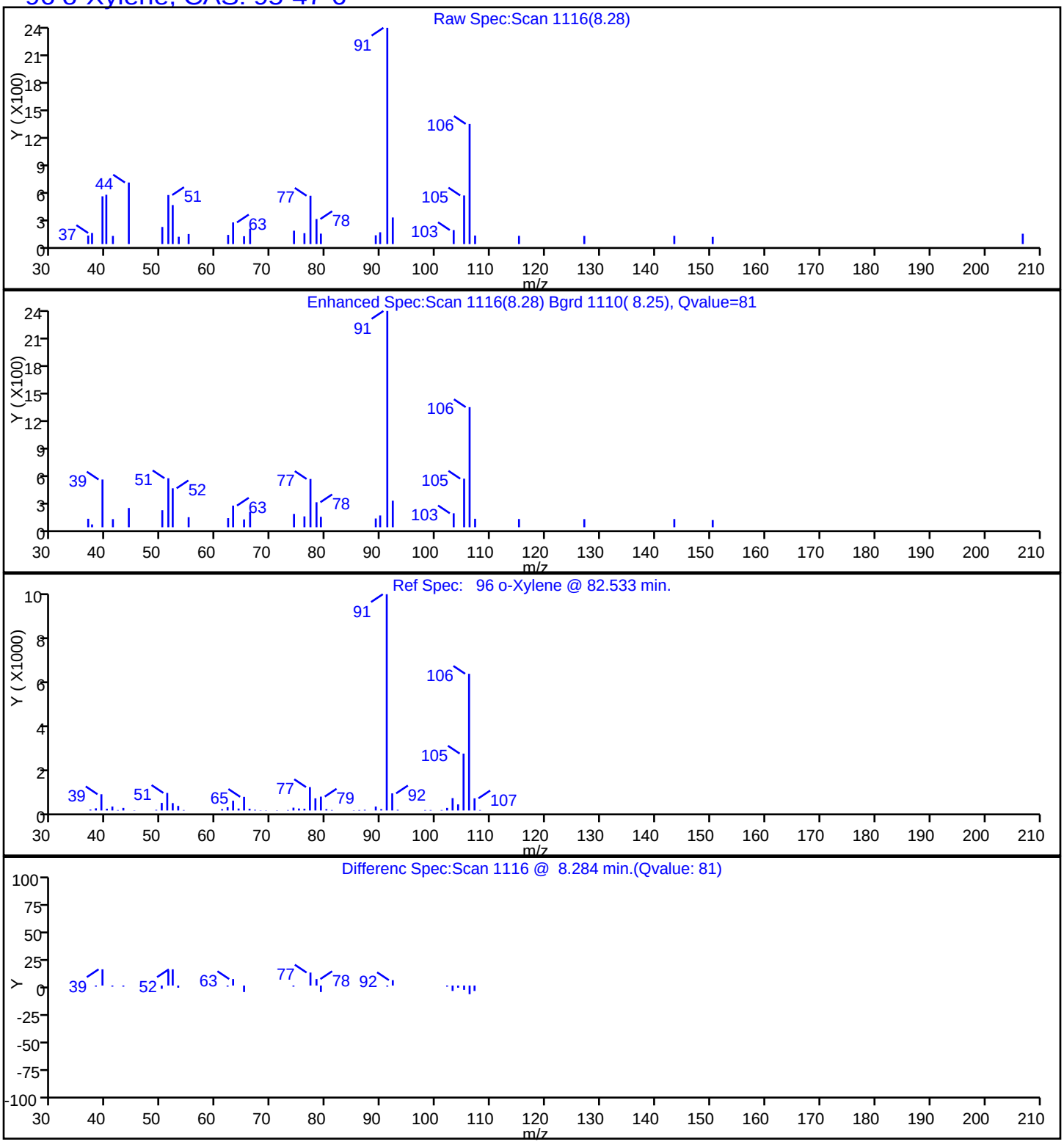
Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

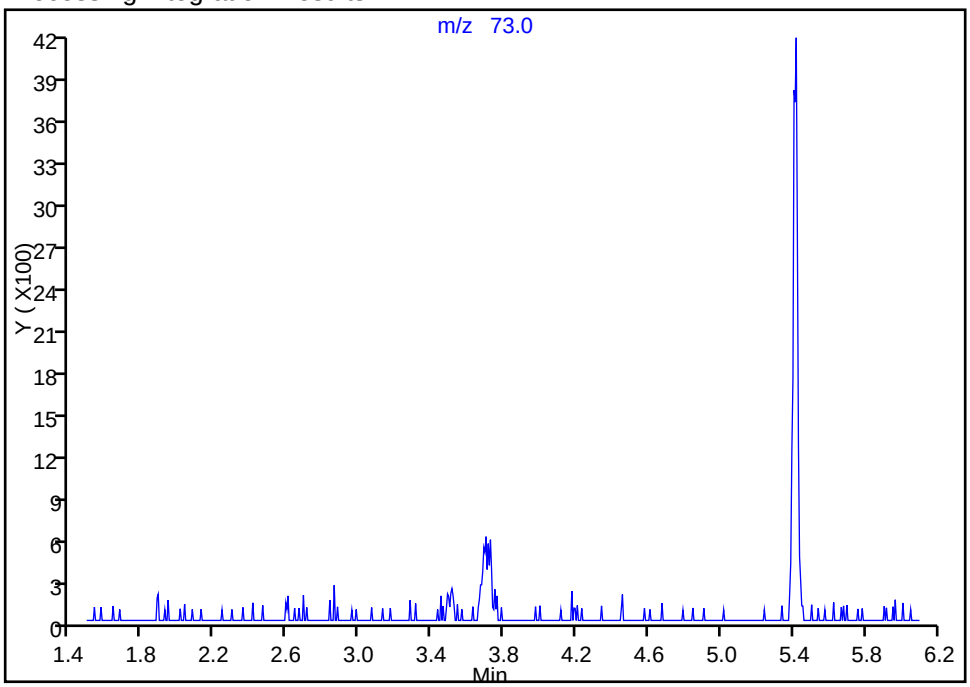
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D				
Injection Date:	23-Jun-2014 17:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-9	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methyl tert-butyl ether, CAS: 1634-04-4

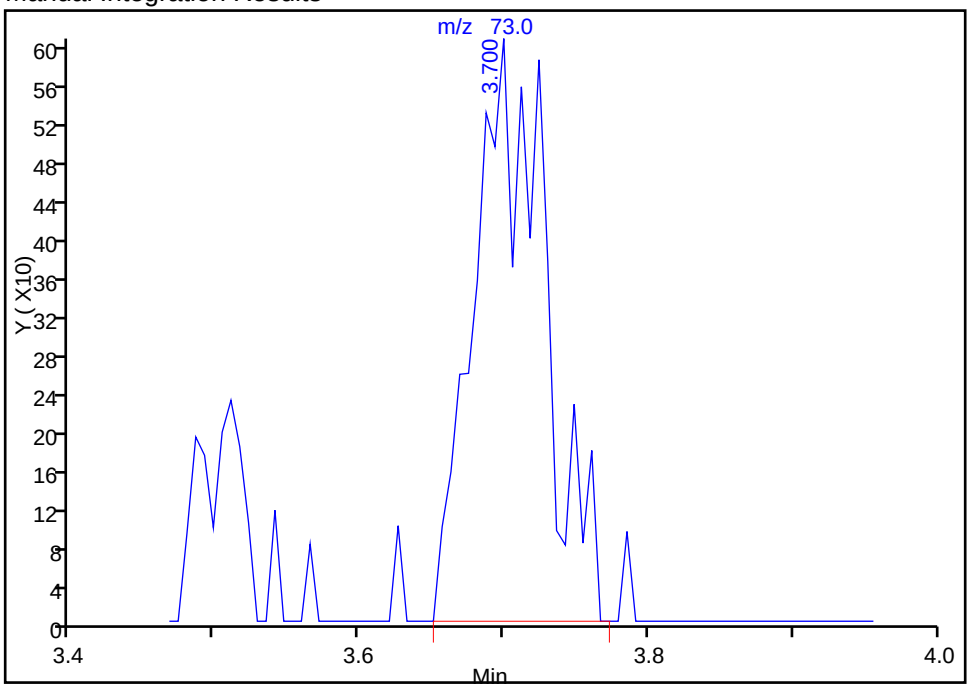
Not Detected
Expected RT: 3.70

Processing Integration Results



Manual Integration Results

RT: 3.70
Response: 2074
Amount: 0.169950



Reviewer: delpolitov, 24-Jun-2014 10:37:49
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 24-Jun-2014 10:37:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05265.D

Injection Date: 23-Jun-2014 17:50:30 Instrument ID: CVOAMS1

Lims ID: 460-78044-B-9 Lab Sample ID: 460-78044-9

Client ID: TWP-4

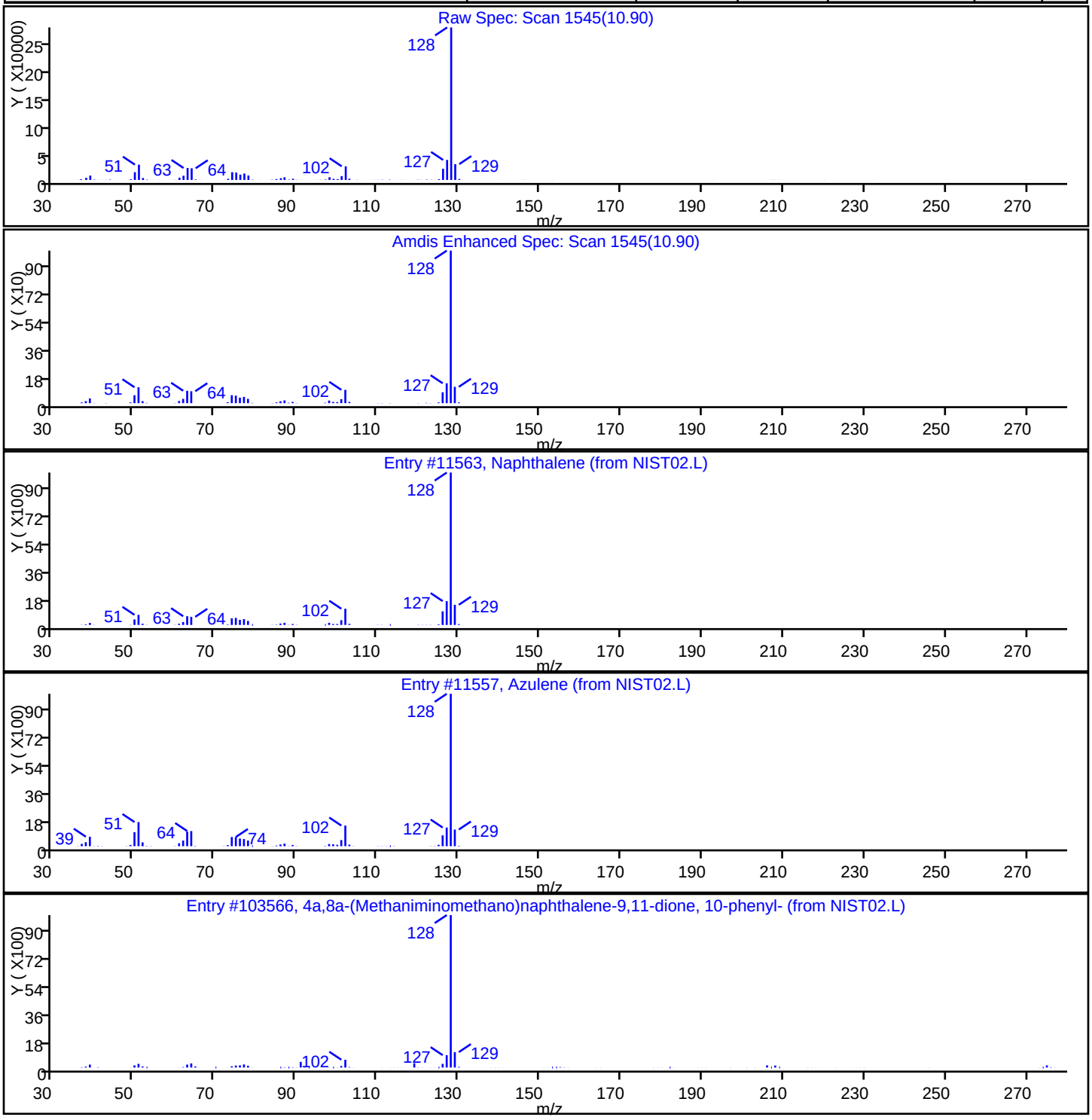
Operator ID: VOA GC/MS1 ALS Bottle#: 18 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02	11563	C10H8	128	95
Azulene	275-51-4	NIST02.L	11557	C10H8	128	94
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.L	103566	C18H13NO2	275	74



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Matrix: Water Lab File ID: B69919.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 13:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
76-13-1	Freon TF	0.080	U	1.0	0.080
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
1634-04-4	MTBE	0.14	U	1.0	0.14
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
71-43-2	Benzene	0.080	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
591-78-6	2-Hexanone	0.50	U	5.0	0.50
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Matrix: Water Lab File ID: B69919.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 13:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.15	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	92		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Matrix: Water Lab File ID: B69919.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 13:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 24-Jun-2014 13:57:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69919.D
Lims ID: 460-78044-C-10 Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 24-Jun-2014 13:32:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-C-10
Misc. Info.: 460-0014950-020
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 13:57:35 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 13:57:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.707	2.706	0.000	56	274537	1000.0	
$ 57 Dibromofluoromethane (Surr	113	4.336	4.336	0.000	97	213160	46.3	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.723	4.723	0.000	91	266802	46.8	
* 58 Fluorobenzene	96	5.044	5.044	0.000	98	658959	50.0	
* 65 1,4-Dioxane-d8	96	5.900	5.891	0.009	79	21108	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.044	7.035	0.009	98	643169	48.2	
* 87 Chlorobenzene-d5	117	8.640	8.632	0.008	87	579382	50.0	
$ 97 4-Bromofluorobenzene	174	9.751	9.743	0.008	91	257918	45.9	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	97	394521	50.0	

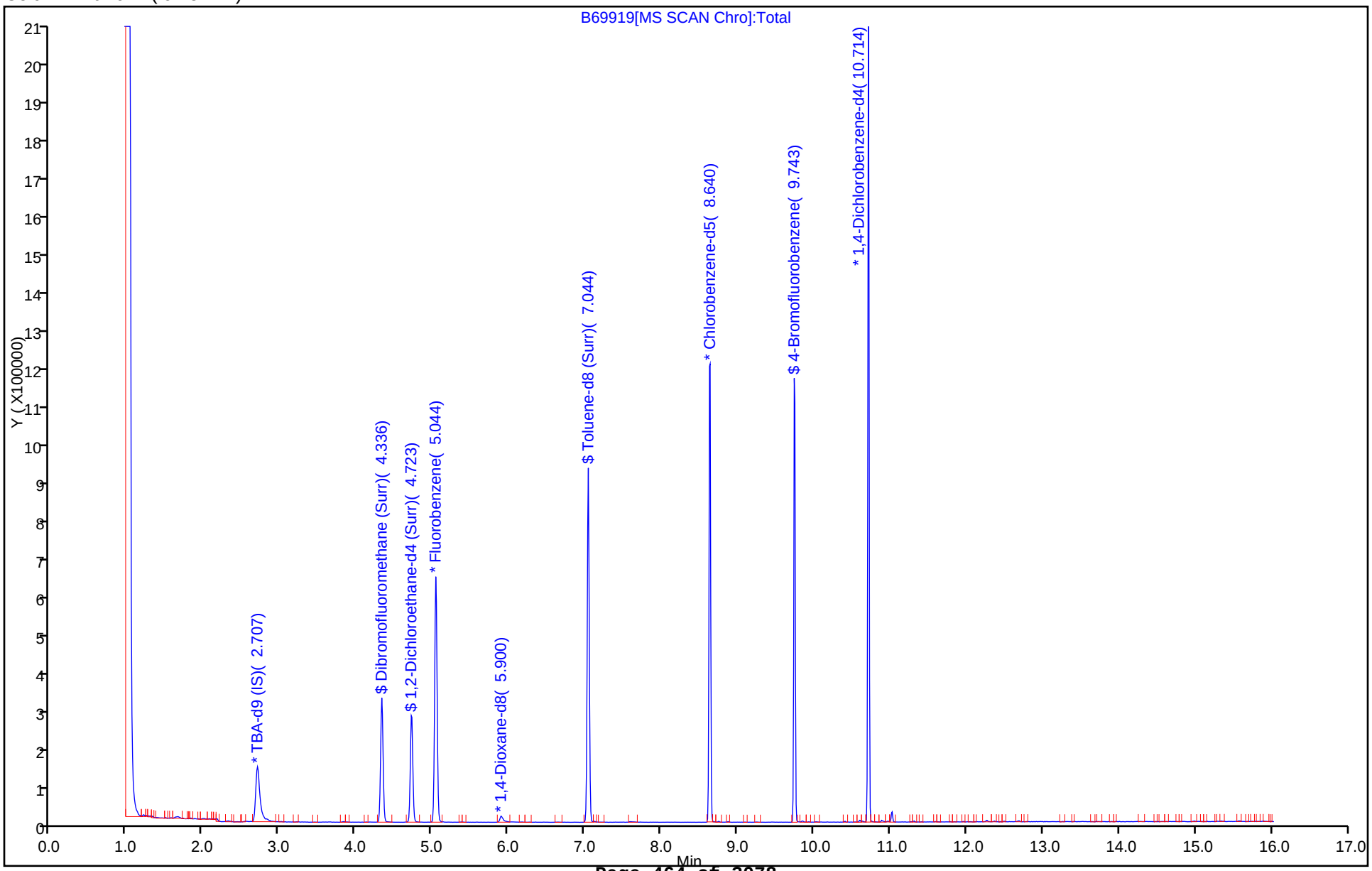
Report Date: 24-Jun-2014 13:57:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69919.D

Injection Date:	24-Jun-2014 13:32:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-78044-C-10	Lab Sample ID:	460-78044-10	Worklist Smp#:	20
Client ID:	TWP-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Matrix: Water Lab File ID: A05267.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 18:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
76-13-1	Freon TF	0.080	U	1.0	0.080
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.59	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
1634-04-4	MTBE	0.14	U	1.0	0.14
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
71-43-2	Benzene	0.10	J	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
591-78-6	2-Hexanone	0.50	U	5.0	0.50
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: A05267.D

Analysis Method: 8260C | Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 18:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.20	J	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.16	J	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Matrix: Water Lab File ID: A05267.D

Analysis Method: 8260C Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 18:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 24-Jun-2014 10:38:57 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D
Lims ID: 460-78044-B-11 Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 23-Jun-2014 18:31:30 ALS Bottle#: 20 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-B-11
Misc. Info.: 460-0014903-031
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:38:57 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 24-Jun-2014 07:13:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Carbon disulfide	76	3.267	3.261	0.006	98	7145	0.5866	
* 28 TBA-d9 (IS)	65	3.560	3.566	-0.006	79	255591	1000.0	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	61	125897	51.7	
55 Benzene	78	5.193	5.193	0.000	1	1355	0.1027	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.206	0.000	57	181109	49.5	
* 62 Fluorobenzene	96	5.419	5.413	0.006	97	446434	50.0	
* 69 1,4-Dioxane-d8	96	5.962	5.974	-0.012	1	18049	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.785	6.778	0.007	98	479878	50.1	
80 Toluene	91	6.846	6.839	0.007	63	2433	0.1987	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	89	281988	50.0	
92 Ethylbenzene	106	7.949	7.943	0.006	52	668	0.1649	
$ 101 4-Bromofluorobenzene	174	8.626	8.626	0.000	82	120291	52.4	
* 117 1,4-Dichlorobenzene-d4	152	9.296	9.290	0.006	98	144254	50.0	

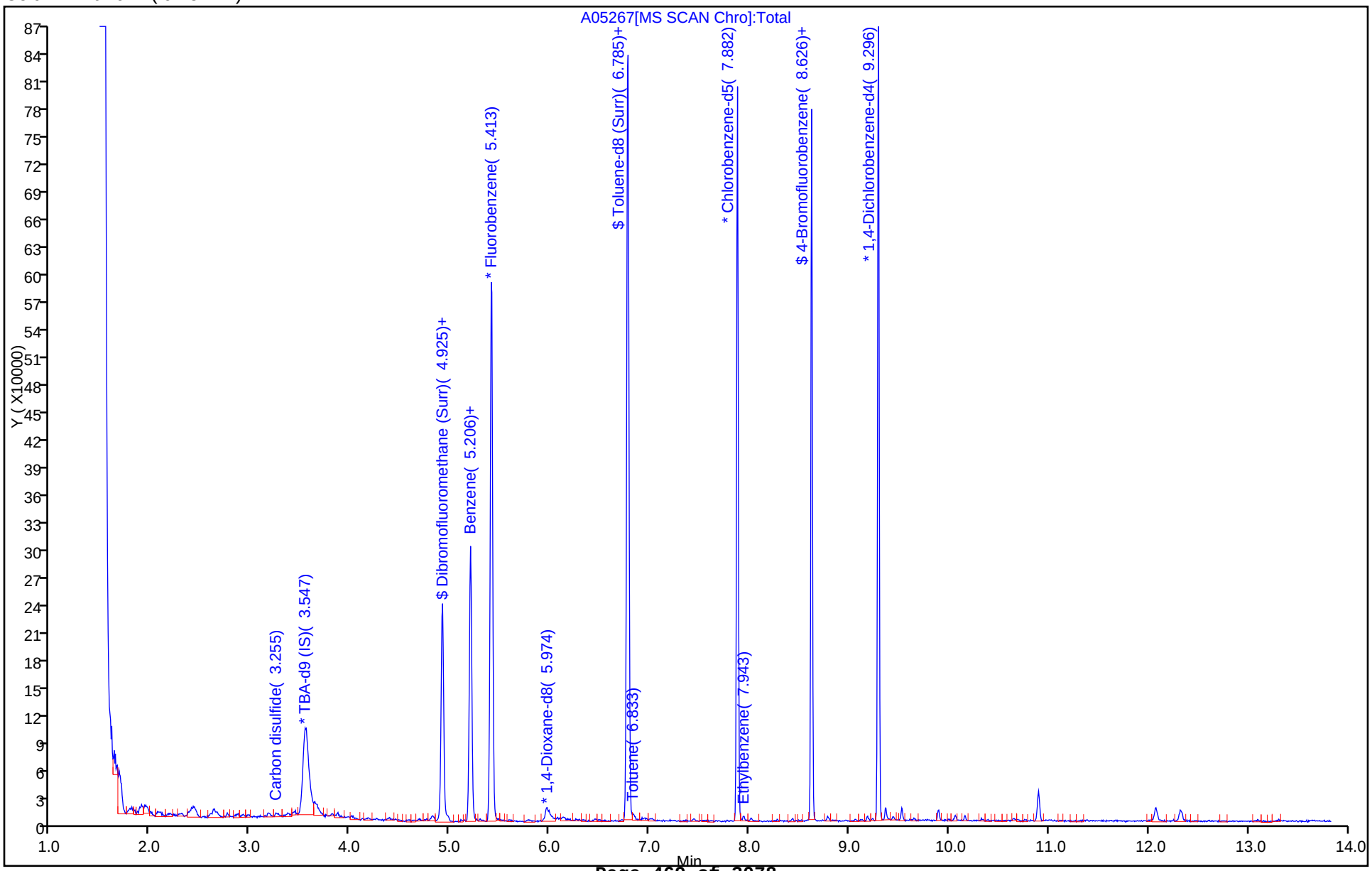
Report Date: 24-Jun-2014 10:38:57 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D

Injection Date:	23-Jun-2014 18:31:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-78044-B-11	Lab Sample ID:	460-78044-11	Worklist Smp#:	31
Client ID:	TWP-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



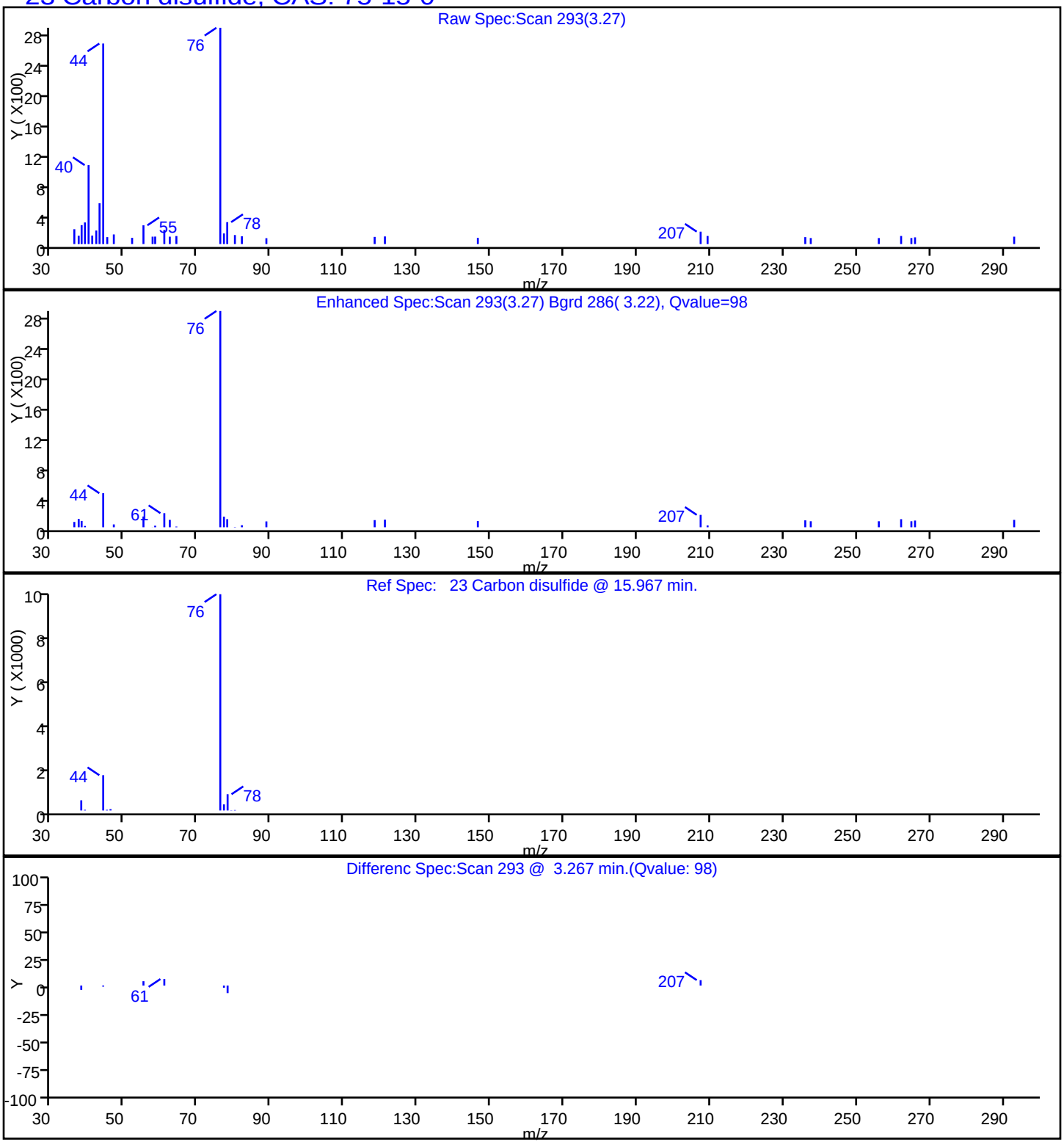
Report Date: 24-Jun-2014 10:38:57 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D

Injection Date:	23-Jun-2014 18:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-11	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0



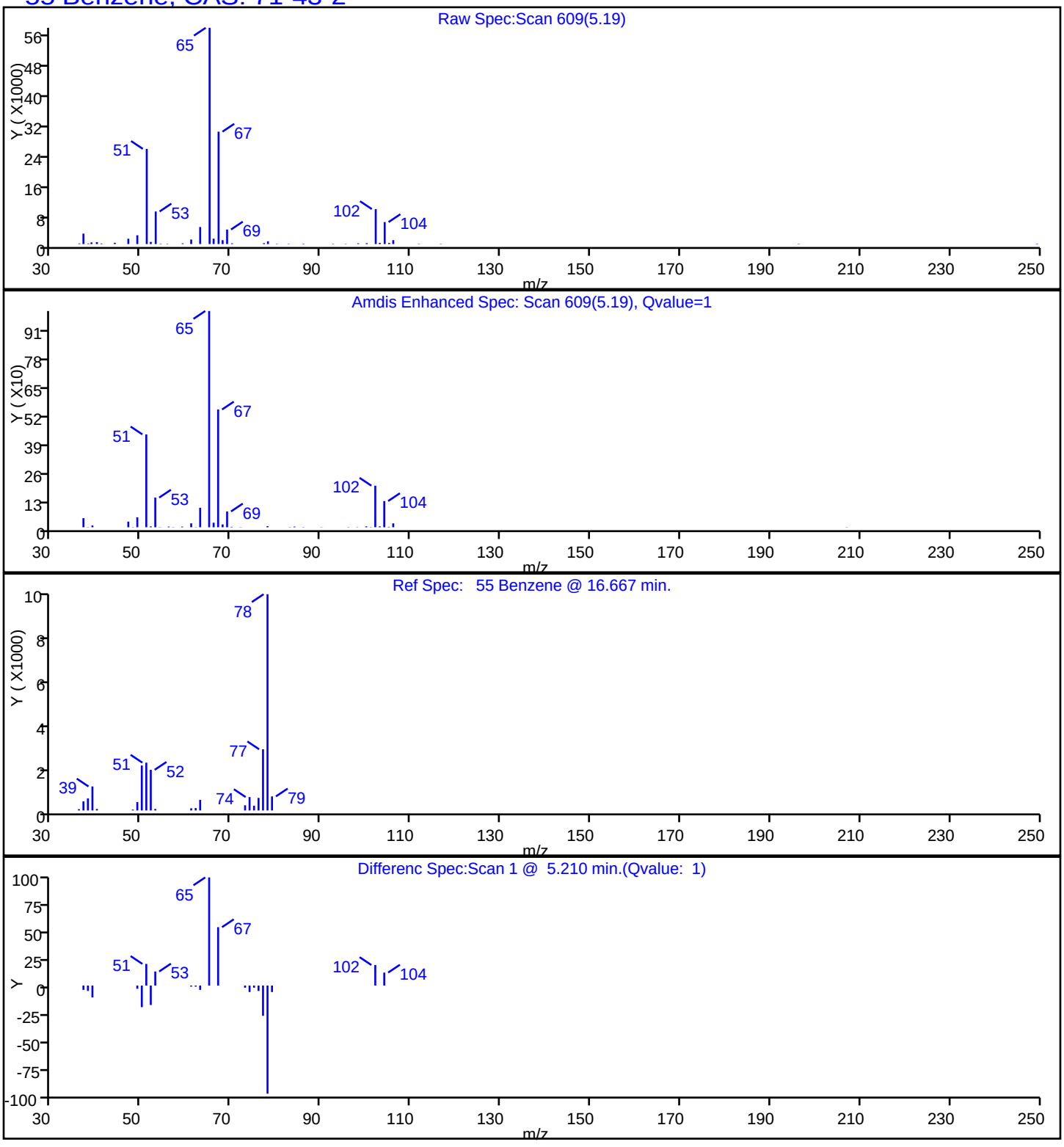
Report Date: 24-Jun-2014 10:38:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D

Injection Date:	23-Jun-2014 18:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-11	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



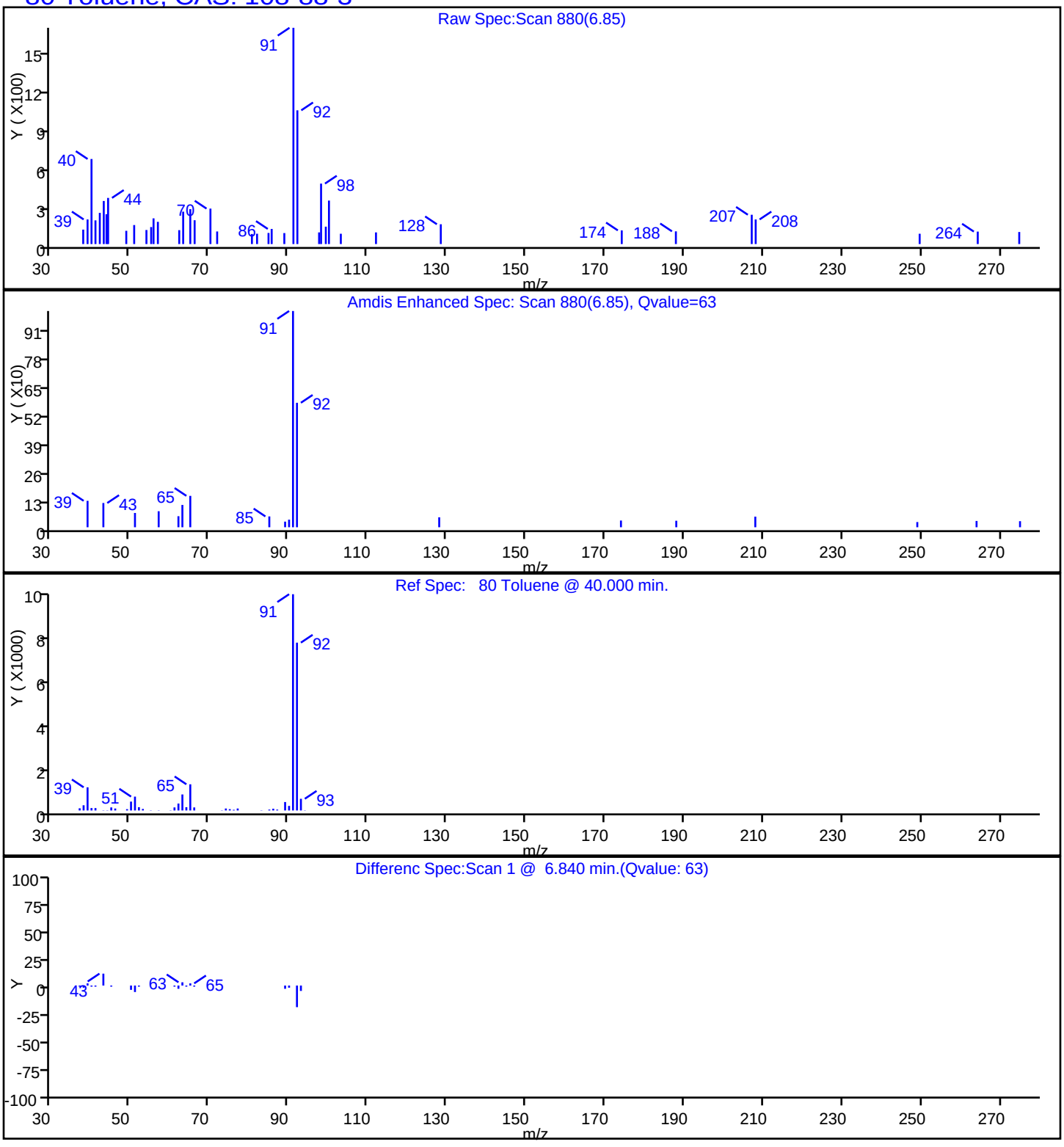
Report Date: 24-Jun-2014 10:38:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D

Injection Date:	23-Jun-2014 18:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-11	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Toluene, CAS: 108-88-3



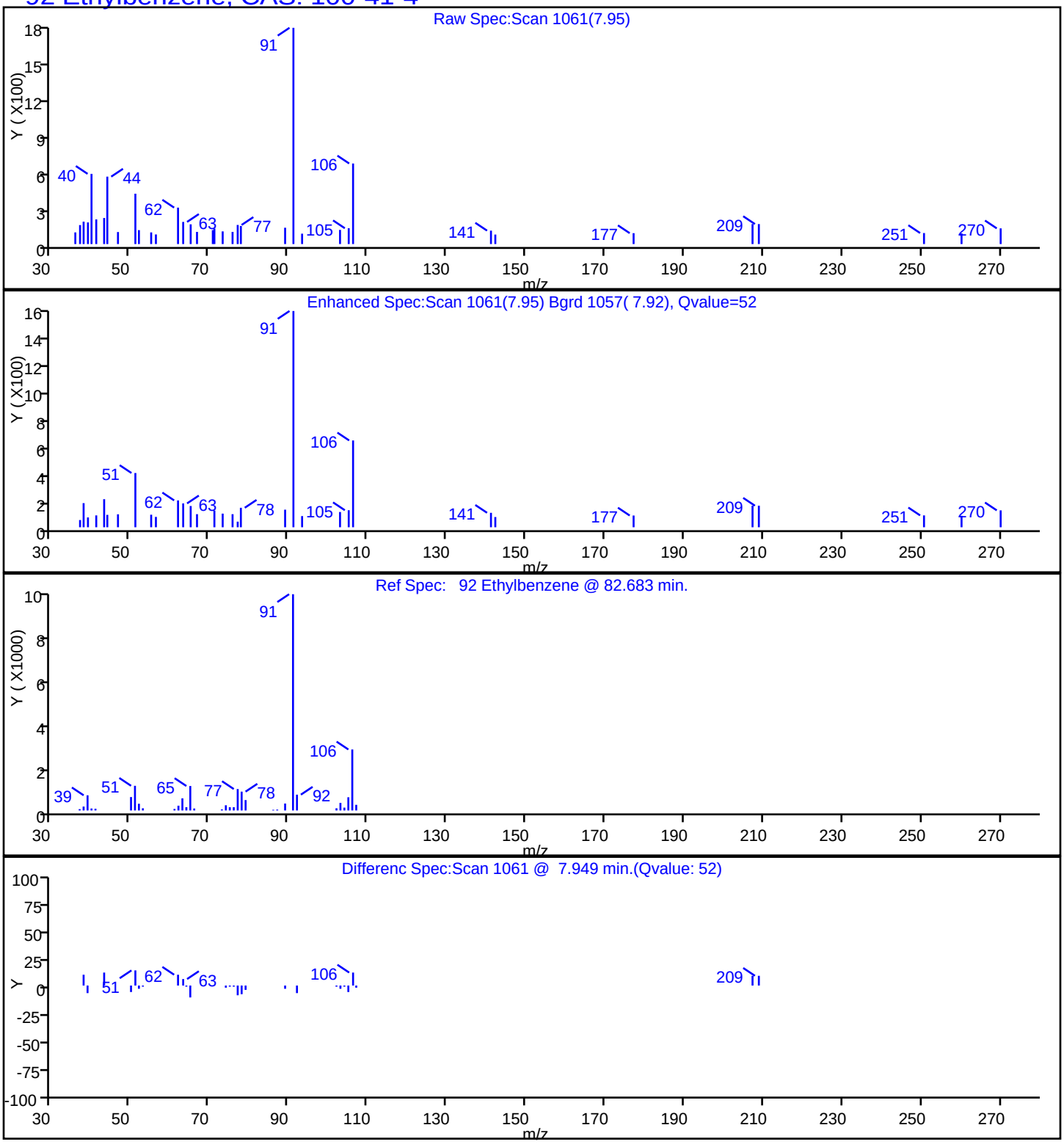
Report Date: 24-Jun-2014 10:38:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05267.D

Injection Date:	23-Jun-2014 18:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-78044-B-11	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 Ethylbenzene, CAS: 100-41-4



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-226461/16	A03873.D
Level 2	STD5 460-226461/15	A03872.D
Level 3	STD20 460-226461/5	A03862.D
Level 4	STD50 460-226461/6	A03863.D
Level 5	STD200 460-226461/7	A03864.D
Level 6	STD500 460-226461/8	A03865.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								
Chlorotrifluoroethene	0.0932 0.1081	0.1196	0.1270	0.1269	0.1151	Ave		0.1150				11.0		20.0			
Dichlorodifluoromethane	0.5833 0.6018	0.7355	0.6431	0.6747	0.6193	Ave		0.6430			0.1000	8.6		20.0			
Chloromethane	0.7935 0.7137	0.8795	0.7636	0.7838	0.7332	Ave		0.7779			0.1000	7.5		20.0			
Vinyl chloride	0.6276 0.6445	0.7535	0.6627	0.6899	0.6647	Ave		0.6738			0.1000	6.6		20.0			
Butadiene	0.5358 0.6256	0.7212	0.6270	0.6648	0.6382	Ave		0.6354				9.5		20.0			
Bromomethane	0.3291 0.3045	0.3740	0.3348	0.3329	0.3133	Ave		0.3314			0.1000	7.2		20.0			
Chloroethane	0.3823 0.3440	0.4189	0.3769	0.3816	0.3610	Ave		0.3774			0.1000	6.7		20.0			
Dichlorofluoromethane	0.9093 0.8737	0.9749	0.9093	0.9351	0.8946	Ave		0.9162				3.8		20.0			
Trichlorofluoromethane	0.5554 0.5796	0.6868	0.5894	0.6219	0.5939	Ave		0.6045			0.1000	7.6		20.0			
Pentane	0.0797 0.0785	0.0713	0.0868	0.0884	0.0826	Ave		0.0812				7.6		20.0			
Ethanol	0.0935 0.0500	0.0463	0.0332	0.0445	0.0411	QuaF		0.0363	0						1.0000		0.9900
Ethyl ether	0.4764 0.3446	0.4057	0.4028	0.3870	0.3714	Ave		0.3980				11.0		20.0			
2-Methyl-1,3-butadiene	0.6604 0.7160	0.6359	0.7713	0.7833	0.6896	Ave		0.7094				8.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2658 0.2638	0.2892	0.2954	0.2992	0.2826	Ave		0.2827				5.3		20.0			
Acrolein	1.3359 1.5026	1.9283	1.6052	1.3971	1.5653	Ave		1.5557				13.0		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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								
Freon TF	0.2669 0.3500	0.3246	0.3762	0.3805	0.3554	Ave		0.3423			0.1000	12.0		20.0			
1,1-Dichloroethene	0.3864 0.3258	0.3474	0.3597	0.3487	0.3359	Ave		0.3506			0.1000	6.0		20.0			
Acetone	0.2493 0.1601	0.1965	0.1680	0.1955	0.1648	Ave		0.1890			0.1000	18.0		20.0			
Iodomethane	15.216 16.126	15.362	17.401	15.842	16.706	Ave		16.109				5.2		20.0			
Carbon disulfide	1.3920 1.3857	1.3009	1.3227	1.3862	1.3977	Ave		1.3642			0.1000	3.0		20.0			
Isopropyl alcohol	1.0274 0.7922	0.7633	0.5391	0.6895	0.6041	QuaF		0.5048	0.0001						0.9990		0.9900
Allyl chloride	0.2691 0.2084	0.2532	0.2429	0.2395	0.2384	Ave		0.2419				8.3		20.0			
Cyclopentene	0.9430 1.1920	1.0762	1.2386	1.2664	1.2301	Ave		1.1577				11.0		20.0			
Methyl acetate	0.4448 0.3936	0.4453	0.4019	0.4363	0.4090	Ave		0.4218			0.1000	5.5		20.0			
Acetonitrile	1.7218 1.5608	1.6903	1.6909	2.2615	1.9959	Ave		1.8202				14.0		20.0			
Methylene Chloride	0.5004 0.3823	0.4098	0.4067	0.4072	0.3941	Ave		0.4167			0.1000	10.0		20.0			
2-Methyl-2-propanol	1.8556 1.0642	1.0929	0.8859	1.0763	0.9328	QuaF		0.8748	0						1.0000		0.9900
MTBE	1.1466 1.1291	1.1704	1.1856	1.1893	1.2029	Ave		1.1706			0.1000	2.4		20.0			
trans-1,2-Dichloroethene	0.4110 0.3342	0.3589	0.3627	0.3639	0.3557	Ave		0.3644			0.1000	6.9		20.0			
Acrylonitrile	0.1890 0.1660	0.1802	0.1795	0.1844	0.1820	Ave		0.1802				4.3		20.0			
Hexane	0.4903 0.3930	0.3732	0.4576	0.4349	0.4351	Ave		0.4307				9.9		20.0			
Isopropyl ether	1.4207 1.5549	1.4774	1.5596	1.5901	1.5937	Ave		1.5327				4.5		20.0			
1,1-Dichloroethane	0.7193 0.7367	0.7358	0.7811	0.7734	0.7622	Ave		0.7514			0.2000	3.2		20.0			
Vinyl acetate	0.9746 0.8878	0.9374	0.8721	0.3718	0.9683	QuaF		0.9317	0						0.9940		0.9900
2-Chloro-1,3-butadiene	0.3139 0.3094	0.2955	0.3279	0.3313	0.3242	Ave		0.3170				4.2		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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								
Tert-butyl ethyl ether	1.1968 1.3183	1.2962	1.3159	1.3413	1.3332	Ave		1.3003				4.1		20.0			
2,2-Dichloropropane	0.5285 0.5566	0.5456	0.5559	0.5620	0.5887	Ave		0.5562				3.6		20.0			
cis-1,2-Dichloroethene	0.4250 0.3605	0.3723	0.3889	0.3776	0.3782	Ave		0.3838			0.1000	5.8		20.0			
2-Butanone	1.5115 1.4412	1.2980	1.3550	1.4020	1.4926	Ave		1.4167			0.1000	5.8		20.0			
Allyl alcohol	0.1635 0.1085	0.0994	0.1025	0.1037	0.1172	QuaF		0.1201	0						1.0000		0.9900
Ethyl acetate	0.0382 0.0357	0.0398	0.0320	0.0356	0.0366	Ave		0.0363				7.3		20.0			
Methyl acrylate	0.3975 0.3562	0.3347	0.3283	0.3608	0.3866	Ave		0.3607				7.6		20.0			
Propionitrile	0.0633 0.0550	0.0590	0.0566	0.0609	0.0569	Ave		0.0586				5.2		20.0			
Bromochloromethane	0.1684 0.1554	0.1568	0.1685	0.1615	0.1599	Ave		0.1618				3.5		20.0			
Tetrahydrofuran	5.8793 6.0512	5.3964	5.6173	5.6410	6.2008	Ave		5.7977				5.2		20.0			
Methacrylonitrile	0.1535 0.1714	0.1621	0.1559	0.1707	0.1735	Ave		0.1645				5.2		20.0			
Chloroform	0.6371 0.6379	0.5899	0.6260	0.6356	0.6445	Ave		0.6285			0.2000	3.2		20.0			
Cyclohexane	0.4997 0.8279	0.6605	0.8187	0.8348	0.8265	Ave		0.7447			0.1000	18.0		20.0			
1,1,1-Trichloroethane	0.4688 0.5308	0.4556	0.5255	0.5314	0.5365	Ave		0.5081			0.1000	7.1		20.0			
Carbon tetrachloride	0.3108 0.4312	0.3496	0.4143	0.4295	0.4330	Ave		0.3947			0.1000	13.0		20.0			
1,1-Dichloropropene	0.4380 0.4822	0.4479	0.4861	0.4881	0.4967	Ave		0.4732				5.1		20.0			
Isobutyl alcohol	0.4767 0.5254	0.3615	0.2130	0.3541	0.4322	QuaF		0.3619	0						1.0000		0.9900
2,2,4-Trimethylpentane	1.0009 1.5995	1.0594	1.4214	1.5467	1.5981	Ave		1.3710				20.0		20.0			
Benzene	2.3063 2.2269	2.3469	2.3350	2.4224	2.3979	Ave		2.3392			0.5000	3.0		20.0			
Isopropyl acetate	1.2360 1.5112	1.3061	1.3529	1.4374	1.4739	Ave		1.3863				7.6		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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								
Tert-amyl methyl ether	0.9649 1.3055	1.1019	1.2571	1.2372	1.3881	Ave		1.2091				13.0		20.0			
1,2-Dichloroethane	0.5432 0.5347	0.5032	0.5061	0.5335	0.5404	Ave		0.5269			0.1000	3.3		20.0			
n-Heptane	0.1943 0.2933	0.2665	0.3095	0.3217	0.3196	Ave		0.2842				17.0		20.0			
2,4,4-Trimethyl-1-pentene	0.6244 1.1534	0.7757	1.0888	1.1840	1.2298	QuaF		1.2641	0						1.0000		0.9900
n-Butanol	0.3527 0.2940	0.2187	0.2129	0.2383	0.2669	Ave		0.2639				20.0		20.0			
Trichloroethene	0.3106 0.3382	0.3092	0.3311	0.3701	0.3473	Ave		0.3344			0.2000	6.9		20.0			
Ethyl acrylate	0.7384 1.1278	0.8995	1.0240	1.0901	1.1031	Ave		0.9972				15.0		20.0			
Methylcyclohexane	0.3673 0.6491	0.5358	0.6491	0.6699	0.6587	Ave		0.5883			0.1000	20.0		20.0			
1,2-Dichloropropane	0.4280 0.3912	0.3928	0.3807	0.3942	0.3972	Ave		0.3974			0.1000	4.0		20.0			
Methyl methacrylate	0.0764 0.0874	0.0745	0.0757	0.0837	0.0850	Ave		0.0805				6.9		20.0			
n-Propyl acetate	0.4988 0.6291	0.5123	0.5444	0.5844	0.5996	Ave		0.5615				9.1		20.0			
1,4-Dioxane	3.9752 0.6918	1.1262	1.2097	1.0355	0.8119	QuaF		0.9223	0						0.9990		0.9900
Dibromomethane	0.2219 0.2010	0.2058	0.1886	0.2020	0.2030	Ave		0.2037				5.3		20.0			
Bromodichloromethane	0.3910 0.4798	0.3984	0.4155	0.4512	0.4765	Ave		0.4354			0.2000	9.0		20.0			
2-Chloroethyl vinyl ether	0.1611 0.2147	0.1869	0.1832	0.2047	0.2081	Ave		0.1931				10.0		20.0			
2-Nitropropane	0.0711 0.1102	0.0801	0.0816	0.0950	0.1065	Ave		0.0908				17.0		20.0			
Epichlorohydrin	0.0544 0.0515	0.0517	0.0501	0.0547	0.0514	Ave		0.0523				3.5		20.0			
cis-1,3-Dichloropropene	0.7472 0.8963	0.7417	0.7906	0.8813	0.9121	Ave		0.8282			0.2000	9.3		20.0			
4-Methyl-2-pentanone	0.6201 0.6190	0.6594	0.6658	0.7243	0.7333	Ave		0.6703			0.1000	7.4		20.0			
Toluene	2.1471 2.1343	2.0866	2.1272	2.2500	2.2824	Ave		2.1713			0.4000	3.5		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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								
trans-1,3-Dichloropropene	0.6825 0.7488	0.5872	0.6503	0.7174	0.7396	Ave		0.6876			0.1000	8.9		20.0			
Ethyl methacrylate	0.4139 0.5140	0.4227	0.4339	0.4700	0.4913	Ave		0.4576				8.8		20.0			
1,1,2-Trichloroethane	0.3906 0.3712	0.3757	0.3668	0.3912	0.3783	Ave		0.3790			0.1000	2.6		20.0			
Tetrachloroethene	0.3667 0.4228	0.3960	0.4157	0.4408	0.4368	Ave		0.4131			0.2000	6.7		20.0			
1,3-Dichloropropane	0.7663 0.7928	0.7817	0.7642	0.8054	0.7975	Ave		0.7847				2.2		20.0			
2-Hexanone	0.4190 0.4221	0.3987	0.4034	0.4441	0.4403	Ave		0.4213			0.1000	4.4		20.0			
n-Butyl acetate	0.1379 0.1282	0.1368	0.1322	0.1324	0.1296	Ave		0.1328				2.9		20.0			
Dibromochloromethane	0.3813 0.4406	0.3671	0.3827	0.4188	0.4360	Ave		0.4044			0.1000	7.8		20.0			
Ethylene Dibromide	0.3637 0.3857	0.3820	0.3870	0.4028	0.3954	Ave		0.3861			0.1000	3.4		20.0			
Chlorobenzene	1.1910 1.2913	1.2459	1.2322	1.2876	1.3083	Ave		1.2594			0.5000	3.5		20.0			
Ethylbenzene	0.6133 0.7630	0.6945	0.7178	0.7542	0.7680	Ave		0.7184			0.1000	8.2		20.0			
1,1,1,2-Tetrachloroethane	0.3745 0.4851	0.4157	0.4266	0.4650	0.4847	Ave		0.4419				10.0		20.0			
m-Xylene & p-Xylene	0.7294 0.9285	0.8540	0.8867	0.9271	0.9466	Ave		0.8787			0.1000	9.2		20.0			
n-Butyl acrylate	0.3595 0.4274	0.3669	0.3899	0.4197	0.4298	Ave		0.3989				7.8		20.0			
o-Xylene	0.7683 0.9437	0.8476	0.9321	0.9624	0.9593	Ave		0.9023			0.3000	8.6		20.0			
Styrene	1.3133 1.5801	1.3641	1.4826	1.5787	1.6322	Ave		1.4918			0.3000	8.7		20.0			
Amyl acetate (mixed isomers)	2.1501 2.5448	2.1470	2.2389	2.3852	2.5556	Ave		2.3369				8.0		20.0			
Bromoform	0.2208 0.2642	0.2367	0.2301	0.2529	0.2646	Ave		0.2449			0.1000	7.5		20.0			
Isopropylbenzene	1.8200 2.0307	2.1722	2.3893	2.5580	2.6694	Ave		2.2733			0.1000	14.0		20.0			
Camphene	0.1911 0.2740	0.2217	0.2638	0.2923	0.2906	Ave		0.2556				16.0		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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	1.2573 1.2182	1.1947	1.1479	1.0988	1.2260	Ave		1.1905			0.3000	4.9		20.0			
Bromobenzene	0.9537 0.9773	0.9064	0.9151	0.9446	0.9704	Ave		0.9446				3.0		20.0			
N-Propylbenzene	4.9556 4.2756	5.3446	5.7917	6.1053	6.3794	Ave		5.4754				14.0		20.0			
1,2,3-Trichloropropane	0.3137 0.3155	0.3017	0.3168	0.3343	0.3222	Ave		0.3174				3.4		20.0			
trans-1,4-Dichloro-2-butene	0.3502 0.4233	0.3968	0.3894	0.4182	0.4242	Ave		0.4003				7.1		20.0			
4-Ethyltoluene	3.9846 3.7947	4.2307	4.7056	4.9488	5.2367	Ave		4.4835				13.0		20.0			
2-Chlorotoluene	3.7767 4.0280	3.8108	3.9162	4.3360	4.4680	Ave		4.0560				7.0		20.0			
1,3,5-Trimethylbenzene	3.1470 3.6731	3.5976	3.8198	4.1484	4.4263	Ave		3.8020				12.0		20.0			
Butyl Methacrylate	1.0865 1.7836	1.2524	1.4215	1.5581	1.7360	Ave		1.4730				19.0		20.0			
4-Chlorotoluene	3.1871 3.3647	3.2401	3.4313	3.5991	3.7784	Ave		3.4335				6.5		20.0			
tert-Butylbenzene	2.3613 3.2308	2.5909	2.8829	3.2354	3.4974	Ave		2.9664				15.0		20.0			
1,2,4-Trimethylbenzene	3.2666 3.5916	3.7731	3.9365	4.2669	4.4820	Ave		3.8861				11.0		20.0			
sec-Butylbenzene	3.7325 4.1212	4.2822	4.7887	5.2512	5.5634	Ave		4.6232				15.0		20.0			
4-Isopropyltoluene	3.2243 3.7875	3.6630	3.9724	4.3515	4.6437	Ave		3.9404				13.0		20.0			
1,3-Dichlorobenzene	1.8855 2.0102	1.8683	1.9223	1.9778	2.0333	Ave		1.9496			0.6000	3.5		20.0			
1,4-Dichlorobenzene	2.0511 2.1044	1.9777	1.9604	2.0271	2.0882	Ave		2.0348			0.5000	2.9		20.0			
Benzyl chloride	1.9285 2.3270	1.9014	1.8923	2.2139	2.3376	Ave		2.1001				10.0		20.0			
Indan	1.3787 1.4790	1.3399	1.4372	1.5559	1.6179	Ave		1.4681				7.2		20.0			
p-Diethylbenzene	2.4745 2.8725	2.3575	2.6348	2.8445	2.9655	Ave		2.6916				9.0		20.0			
n-Butylbenzene	2.3008 2.6091	2.2450	2.3807	2.6490	2.7241	Ave		2.4848				8.1		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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								
1,2-Dichlorobenzene	2.2025 1.9596	1.9249	1.8691	2.0003	1.9911	Ave		1.9912			0.4000	5.7		20.0			
1,2,4,5-Tetramethylbenzene	3.9489 3.7408	3.3413	3.5250	3.9844	4.0444	Ave		3.7641				7.5		20.0			
1,2-Dibromo-3-Chloropropane	0.3770 0.2051	0.2160	0.1856	0.2192	0.2076	QuaF		0.2102	0		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	2.0082 1.3475	1.4487	1.3163	1.4333	1.4106	Ave		1.4941				17.0		20.0			
Camphor	0.2749 0.1147	0.1115	0.0814	0.0959	0.1020	QuaF		0.0934	0						1.0000		0.9900
1,2,4-Trichlorobenzene	2.6526 1.1422	1.3835	1.0687	1.2249	1.1807	QuaF		1.2069	0		0.2000				1.0000		0.9900
Hexachlorobutadiene	0.7419 0.5310	0.5903	0.5309	0.6014	0.5779	Ave		0.5956				13.0		20.0			
Naphthalene	8.6833 2.7251	3.7499	2.3856	2.8584	2.6978	QuaF		2.6984	0.0001						1.0000		0.9900
1,2,3-Trichlorobenzene	3.6944 0.8823	1.5575	0.8286	0.9683	0.9171	QuaF		0.9434	0						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2615 0.2632	0.2683	0.2811	0.2909	0.2711	Ave		0.2727				4.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3749 0.4468	0.3866	0.3961	0.4231	0.4291	Ave		0.4094				6.8		20.0			
Toluene-d8 (Surr)	1.6371 1.5863	1.7117	1.7110	1.8386	1.7099	Ave		1.6991				5.0		20.0			
Bromofluorobenzene	0.7792 0.7560	0.7887	0.8118	0.8475	0.7940	Ave		0.7962				3.9		20.0			

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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-226461/16	A03873.D
Level 2	STD5 460-226461/15	A03872.D
Level 3	STD20 460-226461/5	A03862.D
Level 4	STD50 460-226461/6	A03863.D
Level 5	STD200 460-226461/7	A03864.D
Level 6	STD500 460-226461/8	A03865.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
Chlorotrifluoroethene	FB	Ave	1326 886270	8549	33724	85651	358038	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	8298 4933739	52590	170824	455229	1926645	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	11288 5851721	62885	202841	528883	2280882	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8928 5284161	53872	176027	465547	2067823	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	7621 5129077	51562	166546	448546	1985408	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4681 2496772	26744	88927	224610	974679	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5438 2820282	29953	100107	257476	1122993	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	12935 7163347	69706	241543	630960	2783210	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	7900 4752247	49103	156574	419638	1847544	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2267 1287004	10195	46111	119274	513863	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	2250 610179	5531	13249	48420	187583	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	6777 2825199	29008	107002	261164	1155466	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	9394 5869780	45468	204882	528527	2145310	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3781 2162840	20678	78460	201920	879106	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	2573 293649	18419	25632	60791	142718	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	3796 2869688	23212	99938	256776	1105514	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
1,1-Dichloroethene	FB	Ave	5497 2670829	24838	95535	235279	1044825	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	17729 6562595	70237	223189	659488	2563268	5.00 2500	25.0	100	250	1000
Iodomethane	TBA	Ave	7327 3939220	36683	138937	344655	1523271	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	19801 11360410	93017	351339	935364	4348310	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	4947 1935211	18228	43042	150013	550834	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	3828 1708260	18104	64517	161634	741639	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	13414 9772518	76945	329023	854508	3826858	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	31639 16134787	159199	533768	1472149	6362491	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	8291 3812683	40364	135007	492009	1819824	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	7118 3134374	29302	108024	274738	1225978	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	8935 2599729	26097	70731	234159	850484	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	16310 9256672	83680	314946	802501	3742146	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5846 2740212	25659	96354	245535	1106625	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	26881 13611375	128850	476855	1244044	5660888	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	6974 3221664	26687	121557	293422	1353690	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	20209 12747646	105630	414281	1072901	4958084	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10232 6039539	52607	207496	521826	2371088	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	QuaF	27726 14557446	134054	463339	501809	6024492	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	4465 2536859	21125	87090	223518	1008525	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	17024 10807857	92679	349556	905071	4147640	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7518 4563236	39013	147664	379218	1831439	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
cis-1,2-Dichloroethene	FB	Ave	6045 2955735	26620	103307	254819	1176689	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	3639 1760317	15498	54091	152507	680489	5.00 2500	25.0	100	250	1000
Allyl alcohol	TBA	QuaF	1968 662369	5936	20453	56382	267127	25.0 12500	125	500	1250	5000
Ethyl acetate	FB	Ave	1087 586159	5689	17011	48090	227852	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	5654 2920397	23933	87205	243458	1202586	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	9001 4511701	42196	150224	410783	1770078	10.0 5000	50.0	200	500	2000
Bromochloromethane	FB	Ave	2395 1273987	11210	44763	108994	497582	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	TBA	Ave	5662 2956415	25773	89700	245444	1130755	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	21831 14049398	115928	414099	1151562	5396169	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	9063 5230178	42174	166288	428906	2005104	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	7108 6787950	47223	217468	563317	2571301	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6668 4351875	32576	139586	358567	1669062	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4421 3534865	24997	110038	289806	1347198	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6231 3953596	32027	129112	329381	1545256	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	QuaF	5738 3208910	21582	42507	192563	985160	25.0 12500	125	500	1250	5000
2,2,4-Trimethylpentane	FB	Ave	14238 13113891	75743	377566	1043637	4971684	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	20213 12328981	100682	389351	1017546	4793133	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	17582 12389539	93387	359380	969895	4585343	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	13726 10703473	78786	333936	834804	4318431	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7727 4383873	35982	134438	360003	1681278	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	2764 2404893	19057	82214	217093	994136	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
2,4,4-Trimethyl-1-pentene	FB	QuaF	17764 18912473	110929	578447	1597797	7651780	2.00 1000	10.0	40.0	100	400
n-Butanol	TBA	Ave	4246 1795295	13059	42488	129597	608290	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4418 2772652	22111	87963	249742	1080420	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	10503 9246147	64311	272019	735575	3431821	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5225 5321858	38310	172409	452013	2049143	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	6088 3207505	28088	101133	266014	1235569	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2174 1432871	10654	40208	113018	529036	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	7096 5158088	36629	144622	394327	1865420	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	QuaF	2495 428756	3665	14387	34239	150762	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	3157 1647698	14714	50111	136327	631679	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5562 3933614	28488	110360	304446	1482497	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2291 1760340	13366	48672	138111	647253	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2024 1806703	11456	43353	128256	662371	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	CBZ	Ave	9527 5698420	44381	167217	459338	2056316	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	6549 4962105	31820	131831	370215	1823213	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	27174 17134584	141433	555098	1521221	7328705	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	18818 11816607	89518	354699	945145	4562131	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5982 4145470	25193	108441	301341	1478323	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	5888 4213919	30223	115260	317147	1528468	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3423 2055239	16116	61164	164320	756217	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3214 2340641	16990	69313	185165	873183	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
1,3-Dichloropropane	CBZ	Ave	6716 4389536	33536	127428	338310	1594106	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	18361 11684355	85524	336315	932813	4400364	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBZ	Ave	1209 709952	5870	22036	55606	258973	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3342 2439204	15747	63813	175913	871481	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	3188 2135599	16387	64528	169185	790333	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10438 7149303	53449	205461	540884	2615101	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5375 4224115	29794	119692	316787	1535043	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3282 2685529	17833	71132	195334	968924	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	6393 5140742	36639	147862	389434	1892101	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	3151 2366351	15742	65022	176280	859140	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6734 5224982	36364	155432	404265	1917513	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11510 8747978	58519	247214	663166	3262453	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	9816 7407162	49703	200975	536281	2692714	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1935 1462975	10156	38363	106231	528866	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	15951 11243112	93187	398409	1074501	5335640	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1675 1516766	9511	43991	122790	580795	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5740 3545797	27657	103047	247054	1291770	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	4354 2844689	20983	82148	212371	1022479	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22624 12444998	123726	519897	1372704	6721702	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1432 918315	6984	28441	75153	339447	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1599 1231969	9186	34957	94019	446949	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
4-Ethyltoluene	DCB	Ave	18191 11045245	97940	422404	1112663	5517616	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17242 11724360	88219	351540	974896	4707722	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	14367 10691307	83282	342890	932714	4663781	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4960 5191416	28992	127607	350311	1829148	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14550 9793827	75007	308015	809219	3981159	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10780 9403880	59979	258788	727431	3685074	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14913 10454078	87345	353365	959349	4722461	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	17040 11995774	99132	429866	1180664	5861864	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	14720 11024444	84796	356587	978387	4892840	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8608 5851035	43251	172557	444683	2142403	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9364 6125256	45782	175978	455771	2200227	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	8804 6773208	44016	169863	497764	2463062	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	19612 12125696	95799	381758	1049837	5033209	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	11297 8361029	54576	236514	639547	3124620	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10504 7594420	51971	213704	595601	2870240	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	10055 5703789	44560	167779	449734	2097940	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	18028 10888297	77350	316427	895837	4261357	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	QuaF	1721 596938	5000	16664	49293	218748	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9168 3922139	33537	118162	322257	1486250	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	6274 1668922	12903	36534	107840	537578	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	QuaF	12110 3324591	32027	95933	275407	1243998	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.: 460-78044-1 Analy Batch No.: 226461

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2014 20:56 Calibration End Date: 05/24/2014 00:40 Calibration ID: 39409

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
Hexachlorobutadiene	DCB	Ave	3387 1545542	13665	47658	135221	608905	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	39642 7931950	86809	214149	642668	2842530	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	16866 2568221	36055	74382	217720	966308	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	185994 215795	191812	186681	196279	210856	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	266678 366280	276400	263043	285497	333748	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	717412 878275	734316	713264	772300	854443	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	177869 220064	182587	182171	190550	209160	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Report Date: 27-May-2014 08:56:17 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03862.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 23-May-2014 20:56:30 ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0013753-005
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:16 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: delpolitov Date: 27-May-2014 08:22:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.657	1.657	0.000	79	33724	20.0	22.1	
3 Dichlorodifluoromethane	85	1.688	1.688	0.000	87	170824	20.0	20.0	
4 Chloromethane	50	1.859	1.859	0.000	89	202841	20.0	19.6	
6 Vinyl chloride	62	1.980	1.980	0.000	83	176027	20.0	19.7	
5 Butadiene	54	1.987	1.987	0.000	98	166546	20.0	19.7	
9 Bromomethane	94	2.310	2.310	0.000	98	88927	20.0	20.2	
10 Chloroethane	64	2.395	2.395	0.000	96	100107	20.0	20.0	
12 Dichlorofluoromethane	67	2.608	2.608	0.000	88	241543	20.0	19.9	
13 Trichlorofluoromethane	101	2.627	2.627	0.000	36	156574	20.0	19.5	
11 Pentane	72	2.633	2.633	0.000	97	46111	40.0	42.8	
16 Ethanol	46	2.846	2.846	0.000	83	13249	1000.0	902.3	
14 Ethyl ether	59	2.858	2.858	0.000	91	107002	20.0	20.2	
15 2-Methyl-1,3-butadiene	67	2.877	2.877	0.000	95	204882	20.0	21.7	
8 1,2-Dichloro-1,1,2-trifluo	117	2.932	2.932	0.000	88	78460	20.0	20.9	
17 Acrolein	56	3.053	3.053	0.000	26	25632	40.0	41.3	
19 1,1,2-Trichloro-1,2,2-trif	101	3.066	3.066	0.000	88	99938	20.0	22.0	
20 1,1-Dichloroethene	96	3.078	3.078	0.000	84	95535	20.0	20.5	
21 Acetone	43	3.188	3.188	0.000	83	223189	100.0	88.9	
22 Iodomethane	142	3.236	3.236	0.000	100	138937	20.0	21.6	
23 Carbon disulfide	76	3.267	3.267	0.000	100	351339	20.0	19.4	
138 Isopropyl alcohol	45	3.279	3.279	0.000	1	43042	200.0	208.7	
141 3-Chloro-1-propene	76	3.413	3.413	0.000	0	64517	20.0	20.1	
25 Cyclopentene	67	3.425	3.425	0.000	81	329023	20.0	21.4	
24 Methyl acetate	43	3.431	3.431	0.000	98	533768	100.0	95.3	
26 Acetonitrile	41	3.498	3.498	0.000	94	135007	200.0	185.8	
27 Methylene Chloride	84	3.541	3.541	0.000	89	108024	20.0	19.5	
* 28 TBA-d9 (IS)	65	3.559	3.559	0.000	78	399210	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.620	3.620	0.000	49	70731	200.0	200.8	
30 Methyl tert-butyl ether	73	3.706	3.706	0.000	97	314946	20.0	20.3	
31 trans-1,2-Dichloroethene	96	3.724	3.724	0.000	88	96354	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.809	3.809	0.000	93	476855	200.0	199.3	
33 Hexane	43	3.876	3.876	0.000	92	121557	20.0	21.3	
34 Isopropyl ether	45	4.078	4.078	0.000	95	414281	20.0	20.4	
35 1,1-Dichloroethane	63	4.108	4.108	0.000	91	207496	20.0	20.8	
36 Vinyl acetate	43	4.120	4.120	0.000	100	463339	40.0	37.5	M
37 2-Chloro-1,3-butadiene	88	4.145	4.145	0.000	90	87090	20.0	20.7	
39 Tert-butyl ethyl ether	59	4.364	4.364	0.000	88	349556	20.0	20.2	
40 2,2-Dichloropropane	77	4.547	4.547	0.000	86	147664	20.0	20.0	
41 cis-1,2-Dichloroethene	96	4.565	4.565	0.000	89	103307	20.0	20.3	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	95	54091	100.0	95.6	
38 Allyl alcohol	57	4.590	4.590	0.000	1	20453	500.0	428.1	
42 Ethyl acetate	70	4.590	4.590	0.000	94	17011	40.0	35.2	
44 Methyl acrylate	55	4.626	4.626	0.000	91	87205	20.0	18.2	
45 Propionitrile	54	4.699	4.699	0.000	97	150224	200.0	193.0	
47 Chlorobromomethane	128	4.754	4.754	0.000	91	44763	20.0	20.8	
46 Tetrahydrofuran	42	4.767	4.767	0.000	48	89700	40.0	38.8	
48 Methacrylonitrile	67	4.785	4.785	0.000	96	414099	200.0	189.5	
49 Chloroform	83	4.797	4.797	0.000	77	166288	20.0	19.9	
50 Cyclohexane	56	4.913	4.913	0.000	96	217468	20.0	22.0	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	86	139586	20.0	20.7	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.925	0.000	82	186681	50.0	51.5	
53 Carbon tetrachloride	117	5.016	5.016	0.000	89	110038	20.0	21.0	
54 1,1-Dichloropropene	75	5.041	5.041	0.000	91	129112	20.0	20.5	
57 Isobutyl alcohol	43	5.126	5.126	0.000	92	42507	500.0	291.1	
155 Isooctane	57	5.163	5.163	0.000	0	377566	20.0	20.7	
55 Benzene	78	5.199	5.199	0.000	96	389351	20.0	20.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.205	5.205	0.000	91	263043	50.0	48.4	
58 Isopropyl acetate	43	5.236	5.236	0.000	87	359380	20.0	19.5	
59 Tert-amyl methyl ether	73	5.242	5.242	0.000	86	333936	20.0	20.8	
60 1,2-Dichloroethane	62	5.266	5.266	0.000	90	134438	20.0	19.2	
61 n-Heptane	57	5.303	5.303	0.000	93	82214	20.0	21.8	
* 62 Fluorobenzene	96	5.419	5.419	0.000	97	664079	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.577	5.577	0.000	93	578447	40.0	34.6	
140 n-Butanol	56	5.626	5.626	0.000	4	42488	500.0	403.3	
64 Trichloroethene	95	5.693	5.693	0.000	90	87963	20.0	19.8	
65 Ethyl acrylate	55	5.791	5.791	0.000	97	272019	20.0	20.5	
66 Methylcyclohexane	83	5.797	5.797	0.000	94	172409	20.0	22.1	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	89	101133	20.0	19.2	
* 69 1,4-Dioxane-d8	96	5.968	5.968	0.000	80	29733	1000.0	1000.0	
68 Methyl methacrylate	100	5.974	5.974	0.000	91	40208	40.0	37.6	
70 n-Propyl acetate	43	6.016	6.016	0.000	79	144622	20.0	19.4	
71 1,4-Dioxane	88	6.022	6.022	0.000	7	14387	400.0	531.7	
72 Dibromomethane	93	6.041	6.041	0.000	89	50111	20.0	18.5	
73 Dichlorobromomethane	83	6.163	6.163	0.000	92	110360	20.0	19.1	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	84	48672	20.0	19.0	
75 2-Nitropropane	41	6.461	6.461	0.000	89	43353	40.0	36.0	
76 Epichlorohydrin	57	6.547	6.547	0.000	98	167217	400.0	383.5	
77 cis-1,3-Dichloropropene	75	6.589	6.589	0.000	87	131831	20.0	19.1	
78 4-Methyl-2-pentanone (MIBK	43	6.717	6.717	0.000	99	555098	100.0	99.3	
$ 79 Toluene-d8 (Surr)	98	6.784	6.784	0.000	97	713264	50.0	50.4	
80 Toluene	91	6.839	6.839	0.000	93	354699	20.0	19.6	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	92	108441	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	91	115260	20.0	19.0	
83 1,1,2-Trichloroethane	83	7.217	7.217	0.000	91	61164	20.0	19.4	
84 Tetrachloroethene	166	7.254	7.254	0.000	81	69313	20.0	20.1	
85 1,3-Dichloropropane	76	7.351	7.351	0.000	92	127428	20.0	19.5	
86 2-Hexanone	43	7.376	7.376	0.000	99	336315	100.0	95.8	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	22036	20.0	19.9	
88 Chlorodibromomethane	129	7.492	7.492	0.000	94	63813	20.0	18.9	
89 Ethylene Dibromide	107	7.589	7.589	0.000	98	64528	20.0	20.0	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	80	416866	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	82	205461	20.0	19.6	
92 Ethylbenzene	106	7.949	7.949	0.000	99	119692	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	7.961	7.961	0.000	84	71132	20.0	19.3	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	147862	20.0	20.2	
95 n-Butyl acrylate	73	8.241	8.241	0.000	94	65022	20.0	19.6	
96 o-Xylene	106	8.284	8.284	0.000	89	155432	20.0	20.7	
97 Styrene	104	8.296	8.296	0.000	91	247214	20.0	19.9	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	89	200975	20.0	19.2	
99 Bromoform	173	8.437	8.437	0.000	93	38363	20.0	18.8	
100 Isopropylbenzene	105	8.491	8.491	0.000	97	398409	20.0	21.0	
$ 101 4-Bromofluorobenzene	174	8.619	8.619	0.000	80	182171	50.0	51.0	
102 Camphene	41	8.638	8.638	0.000	97	43991	20.0	20.6	
104 Bromobenzene	156	8.711	8.711	0.000	89	82148	20.0	19.4	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	72	103047	20.0	19.3	
105 N-Propylbenzene	91	8.735	8.735	0.000	93	519897	20.0	21.2	
106 1,2,3-Trichloropropane	110	8.754	8.754	0.000	87	28441	20.0	20.0	
139 trans-1,4-Dichloro-2-buten	53	8.754	8.754	0.000	69	34957	20.0	19.5	
107 4-Ethyltoluene	105	8.802	8.802	0.000	97	422404	20.0	21.0	
108 2-Chlorotoluene	91	8.808	8.808	0.000	95	351540	20.0	19.3	
109 1,3,5-Trimethylbenzene	105	8.839	8.839	0.000	75	342890	20.0	20.1	
110 Butyl Methacrylate	87	8.869	8.869	0.000	97	127607	20.0	19.3	
111 4-Chlorotoluene	91	8.875	8.875	0.000	97	308015	20.0	20.0	
112 tert-Butylbenzene	119	9.016	9.016	0.000	87	258788	20.0	19.4	
113 1,2,4-Trimethylbenzene	105	9.052	9.052	0.000	97	353365	20.0	20.3	
114 sec-Butylbenzene	105	9.144	9.144	0.000	98	429866	20.0	20.7	
115 4-Isopropyltoluene	119	9.217	9.217	0.000	90	356587	20.0	20.2	
116 1,3-Dichlorobenzene	146	9.241	9.241	0.000	92	172557	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	9.284	9.284	0.000	96	224416	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.296	9.296	0.000	87	175978	20.0	19.3	
119 Benzyl chloride	91	9.381	9.381	0.000	97	169863	20.0	18.0	
120 2,3-Dihydroindene	117	9.430	9.430	0.000	88	381758	20.0	19.6	
121 p-Diethylbenzene	119	9.442	9.442	0.000	86	236514	20.0	19.6	
122 n-Butylbenzene	92	9.461	9.461	0.000	96	213704	20.0	19.2	
123 1,2-Dichlorobenzene	146	9.528	9.528	0.000	91	167779	20.0	18.8	
124 1,2,4,5-Tetramethylbenzene	119	9.948	9.948	0.000	96	316427	20.0	18.7	
125 1,2-Dibromo-3-Chloropropan	75	10.052	10.052	0.000	85	16664	20.0	17.7	
126 1,3,5-Trichlorobenzene	180	10.150	10.150	0.000	94	118162	20.0	17.6	
127 Camphor	95	10.582	10.582	0.000	95	36534	100.0	86.5	
128 1,2,4-Trichlorobenzene	180	10.650	10.650	0.000	90	95933	20.0	17.7	
129 Hexachlorobutadiene	225	10.729	10.729	0.000	91	47658	20.0	17.8	
130 Naphthalene	128	10.881	10.881	0.000	98	214149	20.0	17.7	
133 1,2,3-Trichlorobenzene	180	11.101	11.101	0.000	92	74382	20.0	17.6	
S 136 1,2-Dichloroethene, Total	100				0			40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.8	
S 147 Total BTEX	1				0			100.4	

QC Flag Legend

Review Flags
M - Manually Integrated

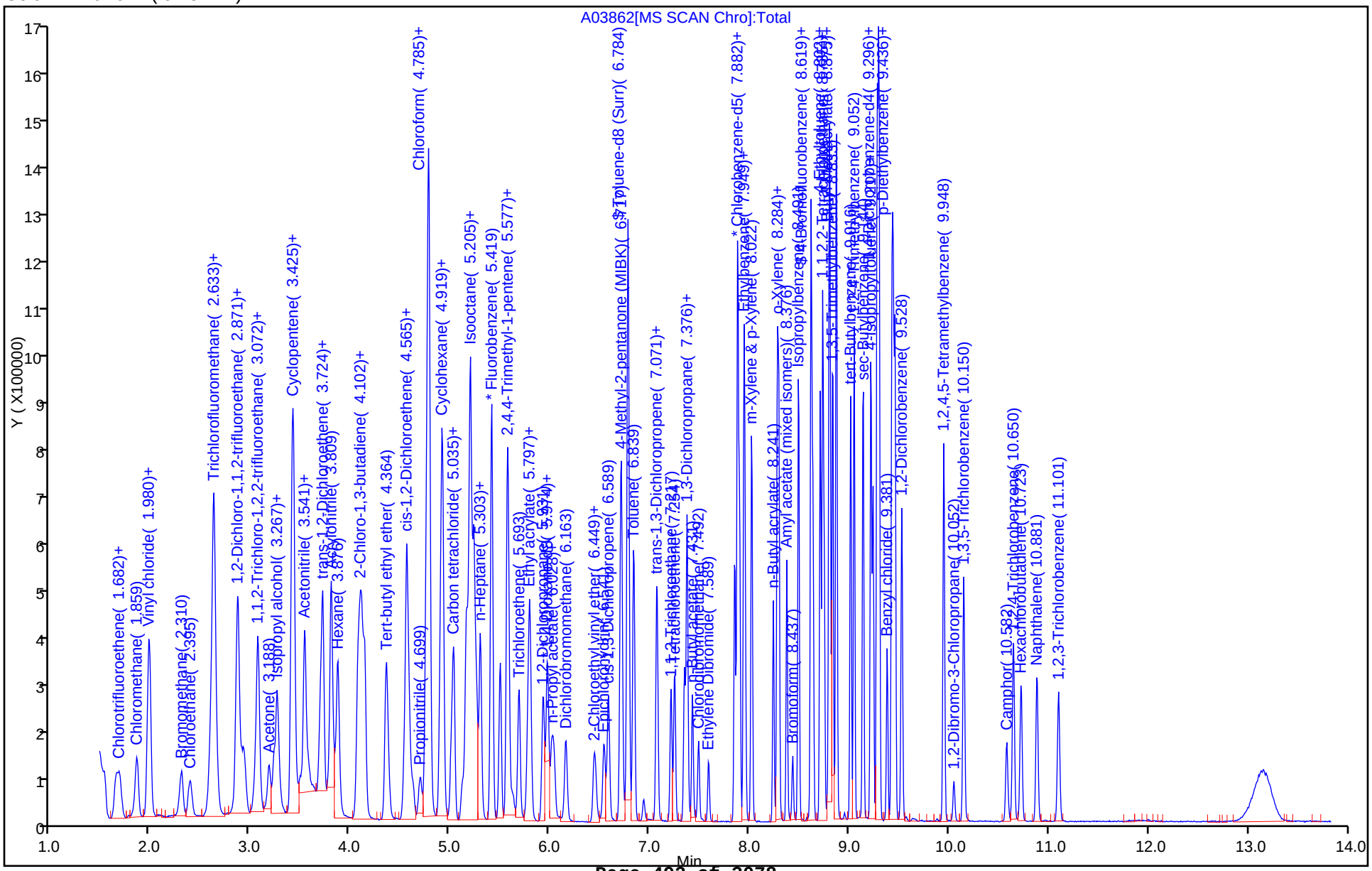
Report Date: 27-May-2014 08:56:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03862.D

Injection Date:	23-May-2014 20:56:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

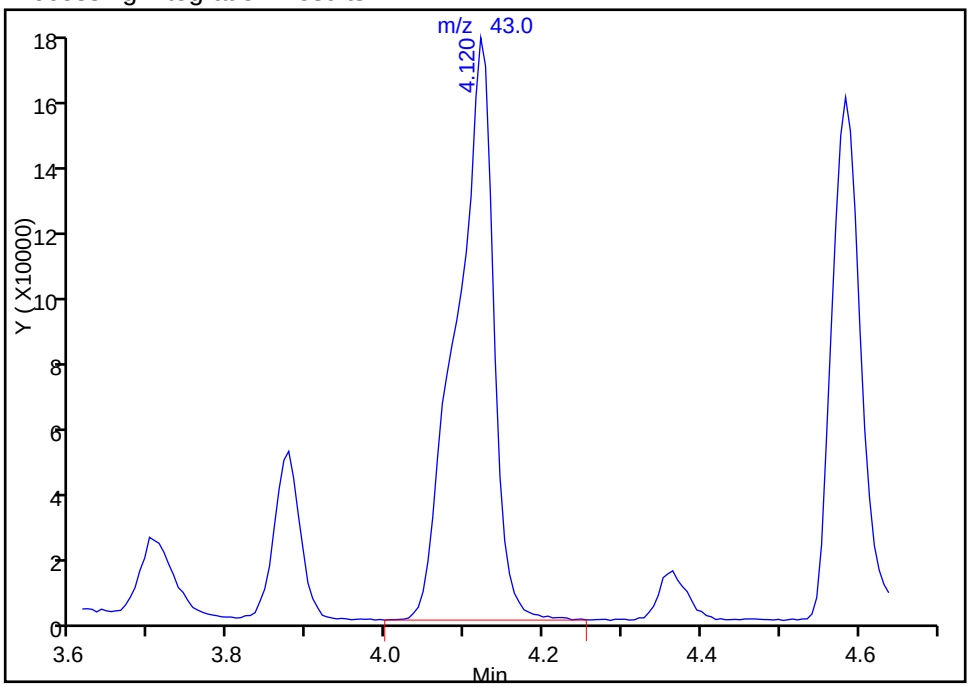
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03862.D
Injection Date: 23-May-2014 20:56:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

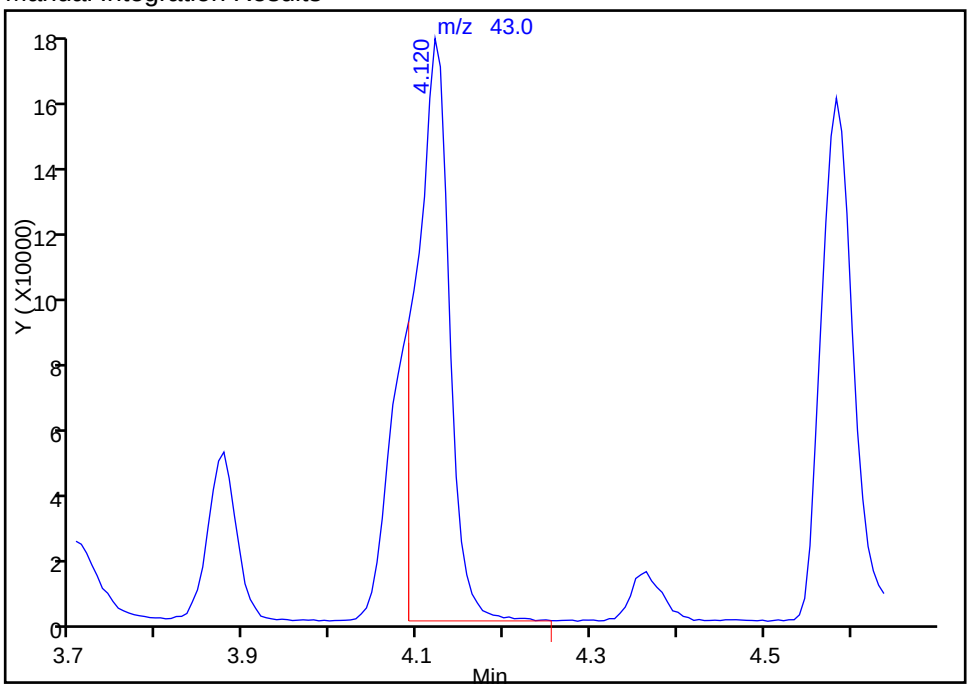
Processing Integration Results

RT: 4.12
Response: 588191
Amount: 58.741430



Manual Integration Results

RT: 4.12
Response: 463339
Amount: 37.506556



Reviewer: delpolitov, 27-May-2014 08:27:14
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03863.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-May-2014 21:16:30 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0013753-006
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:21 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: delpolitov Date: 27-May-2014 08:40:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.645	1.657	-0.012	77	85651	50.0	55.2	
3 Dichlorodifluoromethane	85	1.676	1.688	-0.012	86	455229	50.0	52.5	
4 Chloromethane	50	1.852	1.859	-0.007	89	528883	50.0	50.4	
6 Vinyl chloride	62	1.974	1.980	-0.006	83	465547	50.0	51.2	
5 Butadiene	54	1.980	1.987	-0.007	98	448546	50.0	52.3	
9 Bromomethane	94	2.297	2.310	-0.013	98	224610	50.0	50.2	
10 Chloroethane	64	2.389	2.395	-0.006	97	257476	50.0	50.5	
12 Dichlorofluoromethane	67	2.602	2.608	-0.006	89	630960	50.0	51.0	
13 Trichlorofluoromethane	101	2.621	2.627	-0.006	35	419638	50.0	51.4	
11 Pentane	72	2.627	2.633	-0.006	97	119274	100.0	108.8	
16 Ethanol	46	2.846	2.846	0.000	80	48420	2500.0	2936.9	
14 Ethyl ether	59	2.846	2.858	-0.012	86	261164	50.0	48.6	
15 2-Methyl-1,3-butadiene	67	2.864	2.877	-0.013	95	528527	50.0	55.2	
8 1,2-Dichloro-1,1,2-trifluo	117	2.925	2.932	-0.007	87	201920	50.0	52.9	
17 Acrolein	56	3.035	3.053	-0.018	93	60791	100.0	89.8	
19 1,1,2-Trichloro-1,2,2-trif	101	3.059	3.066	-0.007	90	256776	50.0	55.6	
20 1,1-Dichloroethene	96	3.066	3.078	-0.012	84	235279	50.0	49.7	
21 Acetone	43	3.175	3.188	-0.013	85	659488	250.0	258.5	
22 Iodomethane	142	3.230	3.236	-0.006	99	344655	50.0	49.2	
23 Carbon disulfide	76	3.261	3.267	-0.006	100	935364	50.0	50.8	
138 Isopropyl alcohol	45	3.279	3.279	0.000	69	150013	500.0	637.0	
141 3-Chloro-1-propene	76	3.407	3.413	-0.006	91	161634	50.0	49.5	
25 Cyclopentene	67	3.419	3.425	-0.006	81	854508	50.0	54.7	
24 Methyl acetate	43	3.425	3.431	-0.006	98	1472149	250.0	258.6	
26 Acetonitrile	41	3.492	3.498	-0.006	94	492009	500.0	621.2	M
27 Methylene Chloride	84	3.535	3.541	-0.006	92	274738	50.0	48.9	
* 28 TBA-d9 (IS)	65	3.553	3.559	-0.006	57	435108	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.614	3.620	-0.006	88	234159	500.0	599.7	
30 Methyl tert-butyl ether	73	3.700	3.706	-0.006	96	802501	50.0	50.8	
31 trans-1,2-Dichloroethene	96	3.718	3.724	-0.006	88	245535	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.803	3.809	-0.006	95	1244044	500.0	511.6	
33 Hexane	43	3.864	3.876	-0.012	92	293422	50.0	50.5	
34 Isopropyl ether	45	4.071	4.078	-0.007	97	1072901	50.0	51.9	
35 1,1-Dichloroethane	63	4.102	4.108	-0.006	94	521826	50.0	51.5	
36 Vinyl acetate	43	4.114	4.120	-0.006	99	501809	100.0	40.0	
37 2-Chloro-1,3-butadiene	88	4.139	4.145	-0.006	93	223518	50.0	52.2	
39 Tert-butyl ethyl ether	59	4.358	4.364	-0.006	88	905071	50.0	51.6	
40 2,2-Dichloropropane	77	4.547	4.547	0.000	78	379218	50.0	50.5	
41 cis-1,2-Dichloroethene	96	4.559	4.565	-0.006	85	254819	50.0	49.2	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	95	152507	250.0	247.4	
38 Allyl alcohol	57	4.584	4.590	-0.006	1	56382	1250.0	1088.3	
42 Ethyl acetate	70	4.584	4.590	-0.006	95	48090	100.0	98.1	
44 Methyl acrylate	55	4.626	4.626	0.000	93	243458	50.0	50.0	
45 Propionitrile	54	4.699	4.699	0.000	97	410783	500.0	519.4	
47 Chlorobromomethane	128	4.754	4.754	0.000	89	108994	50.0	49.9	
46 Tetrahydrofuran	42	4.754	4.767	-0.012	95	245444	100.0	97.3	
48 Methacrylonitrile	67	4.779	4.785	-0.006	97	1151562	500.0	518.7	
49 Chloroform	83	4.791	4.797	-0.006	80	428906	50.0	50.6	
50 Cyclohexane	56	4.907	4.913	-0.006	97	563317	50.0	56.1	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	90	358567	50.0	52.3	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.925	0.000	76	196279	50.0	53.3	
53 Carbon tetrachloride	117	5.016	5.016	0.000	87	289806	50.0	54.4	
54 1,1-Dichloropropene	75	5.035	5.041	-0.006	90	329381	50.0	51.6	
57 Isobutyl alcohol	43	5.132	5.126	0.006	95	192563	1250.0	1173.0	
155 Isooctane	57	5.163	5.163	0.000	99	1043637	50.0	56.4	
55 Benzene	78	5.193	5.199	-0.006	97	1017546	50.0	51.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.205	5.205	0.000	79	285497	50.0	51.7	
58 Isopropyl acetate	43	5.230	5.236	-0.006	92	969895	50.0	51.8	
59 Tert-amyl methyl ether	73	5.236	5.242	-0.006	71	834804	50.0	51.2	
60 1,2-Dichloroethane	62	5.266	5.266	0.000	90	360003	50.0	50.6	
61 n-Heptane	57	5.303	5.303	0.000	94	217093	50.0	56.6	
* 62 Fluorobenzene	96	5.413	5.419	-0.006	97	674758	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.577	5.577	0.000	93	1597797	100.0	94.4	
140 n-Butanol	56	5.632	5.626	0.006	82	129597	1250.0	1128.6	
64 Trichloroethene	95	5.687	5.693	-0.006	89	249742	50.0	55.3	
65 Ethyl acrylate	55	5.785	5.791	-0.006	96	735575	50.0	54.7	
66 Methylcyclohexane	83	5.797	5.797	0.000	94	452013	50.0	56.9	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	90	266014	50.0	49.6	
* 69 1,4-Dioxane-d8	96	5.980	5.968	0.012	84	33066	1000.0	1000.0	
68 Methyl methacrylate	100	5.974	5.974	0.000	85	113018	100.0	104.1	
70 n-Propyl acetate	43	6.016	6.016	0.000	79	394327	50.0	52.0	
71 1,4-Dioxane	88	6.022	6.022	0.000	21	34239	1000.0	1156.2	
72 Dibromomethane	93	6.041	6.041	0.000	91	136327	50.0	49.6	
73 Dichlorobromomethane	83	6.156	6.163	-0.007	93	304446	50.0	51.8	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	94	138111	50.0	53.0	
75 2-Nitropropane	41	6.461	6.461	0.000	98	128256	100.0	104.7	
76 Epichlorohydrin	57	6.547	6.547	0.000	91	459338	1000.0	1045.4	
77 cis-1,3-Dichloropropene	75	6.589	6.589	0.000	91	370215	50.0	53.2	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.717	-0.006	99	1521221	250.0	270.1	
$ 79 Toluene-d8 (Surr)	98	6.784	6.784	0.000	97	772300	50.0	54.1	
80 Toluene	91	6.839	6.839	0.000	93	945145	50.0	51.8	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	93	301341	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	93	317147	50.0	51.4	
83 1,1,2-Trichloroethane	83	7.211	7.217	-0.006	91	164320	50.0	51.6	
84 Tetrachloroethene	166	7.248	7.254	-0.006	81	185165	50.0	53.3	
85 1,3-Dichloropropane	76	7.351	7.351	0.000	97	338310	50.0	51.3	
86 2-Hexanone	43	7.376	7.376	0.000	100	932813	250.0	263.6	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	55606	50.0	49.8	
88 Chlorodibromomethane	129	7.492	7.492	0.000	95	175913	50.0	51.8	
89 Ethylene Dibromide	107	7.589	7.589	0.000	98	169185	50.0	52.2	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	79	420058	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	88	540884	50.0	51.1	
92 Ethylbenzene	106	7.949	7.949	0.000	99	316787	50.0	52.5	
93 1,1,1,2-Tetrachloroethane	131	7.961	7.961	0.000	89	195334	50.0	52.6	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	389434	50.0	52.8	
95 n-Butyl acrylate	73	8.241	8.241	0.000	95	176280	50.0	52.6	
96 o-Xylene	106	8.284	8.284	0.000	88	404265	50.0	53.3	
97 Styrene	104	8.296	8.296	0.000	91	663166	50.0	52.9	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	88	536281	50.0	51.0	
99 Bromoform	173	8.436	8.437	-0.001	93	106231	50.0	51.6	
100 Isopropylbenzene	105	8.497	8.491	0.006	97	1074501	50.0	56.3	
$ 101 4-Bromofluorobenzene	174	8.619	8.619	0.000	78	190550	50.0	53.2	
102 Camphene	41	8.638	8.638	0.000	97	122790	50.0	57.2	
104 Bromobenzene	156	8.711	8.711	0.000	88	212371	50.0	50.0	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	93	247054	50.0	46.1	
105 N-Propylbenzene	91	8.735	8.735	0.000	90	1372704	50.0	55.8	
106 1,2,3-Trichloropropane	110	8.753	8.754	-0.001	87	75153	50.0	52.7	
139 trans-1,4-Dichloro-2-buten	53	8.753	8.754	-0.001	74	94019	50.0	52.2	
107 4-Ethyltoluene	105	8.802	8.802	0.000	97	1112663	50.0	55.2	
108 2-Chlorotoluene	91	8.808	8.808	0.000	95	974896	50.0	53.5	
109 1,3,5-Trimethylbenzene	105	8.839	8.839	0.000	73	932714	50.0	54.6	
110 Butyl Methacrylate	87	8.875	8.869	0.006	97	350311	50.0	52.9	
111 4-Chlorotoluene	91	8.875	8.875	0.000	97	809219	50.0	52.4	
112 tert-Butylbenzene	119	9.022	9.016	0.006	92	727431	50.0	54.5	
113 1,2,4-Trimethylbenzene	105	9.052	9.052	0.000	98	959349	50.0	54.9	
114 sec-Butylbenzene	105	9.144	9.144	0.000	98	1180664	50.0	56.8	
115 4-Isopropyltoluene	119	9.223	9.217	0.006	95	978387	50.0	55.2	
116 1,3-Dichlorobenzene	146	9.241	9.241	0.000	91	444683	50.0	50.7	
* 117 1,4-Dichlorobenzene-d4	152	9.284	9.284	0.000	95	224837	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.302	9.296	0.006	88	455771	50.0	49.8	
119 Benzyl chloride	91	9.381	9.381	0.000	97	497764	50.0	52.7	
120 2,3-Dihydroindene	117	9.430	9.430	0.000	79	1049837	50.0	53.0	
121 p-Diethylbenzene	119	9.448	9.442	0.006	90	639547	50.0	52.8	
122 n-Butylbenzene	92	9.461	9.461	0.000	96	595601	50.0	53.3	
123 1,2-Dichlorobenzene	146	9.534	9.528	0.006	92	449734	50.0	50.2	
124 1,2,4,5-Tetramethylbenzene	119	9.954	9.948	0.006	94	895837	50.0	52.9	
125 1,2-Dibromo-3-Chloropropan	75	10.052	10.052	0.000	86	49293	50.0	52.3	
126 1,3,5-Trichlorobenzene	180	10.156	10.150	0.006	95	322257	50.0	48.0	
127 Camphor	95	10.582	10.582	0.000	96	107840	250.0	251.1	
128 1,2,4-Trichlorobenzene	180	10.649	10.650	-0.001	92	275407	50.0	51.0	
129 Hexachlorobutadiene	225	10.729	10.729	0.000	89	135221	50.0	50.5	
130 Naphthalene	128	10.887	10.881	0.006	99	642668	50.0	52.9	
133 1,2,3-Trichlorobenzene	180	11.107	11.101	0.006	91	217720	50.0	51.7	
S 136 1,2-Dichloroethene, Total	100				0			99.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	106.1	
S 147 Total BTEX	1				0			262.2	

QC Flag Legend

Review Flags
M - Manually Integrated

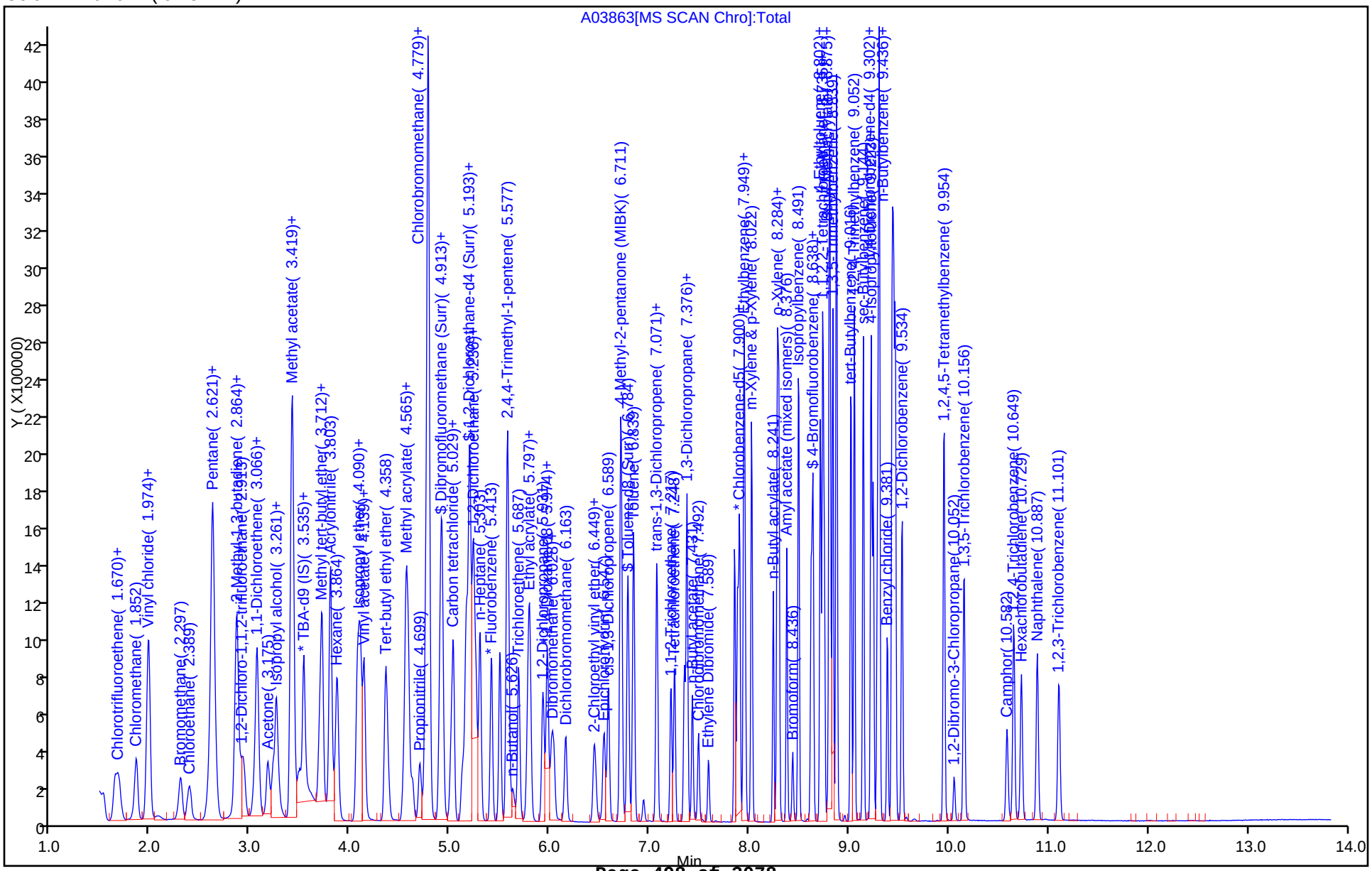
Report Date: 27-May-2014 08:56:22 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03863.D

Injection Date:	23-May-2014 21:16:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

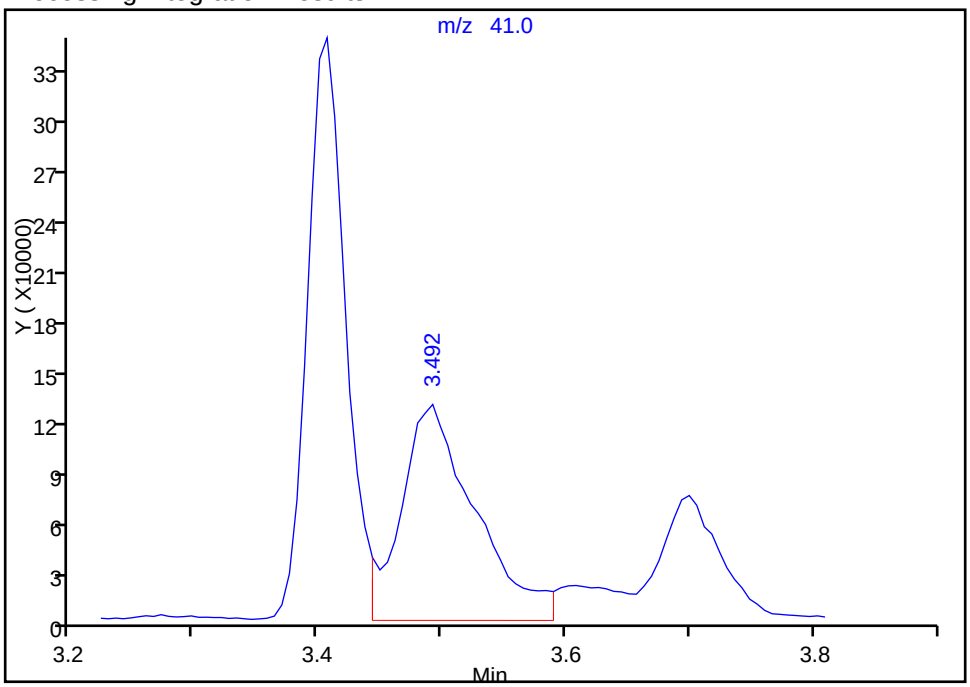
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03863.D
Injection Date: 23-May-2014 21:16:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

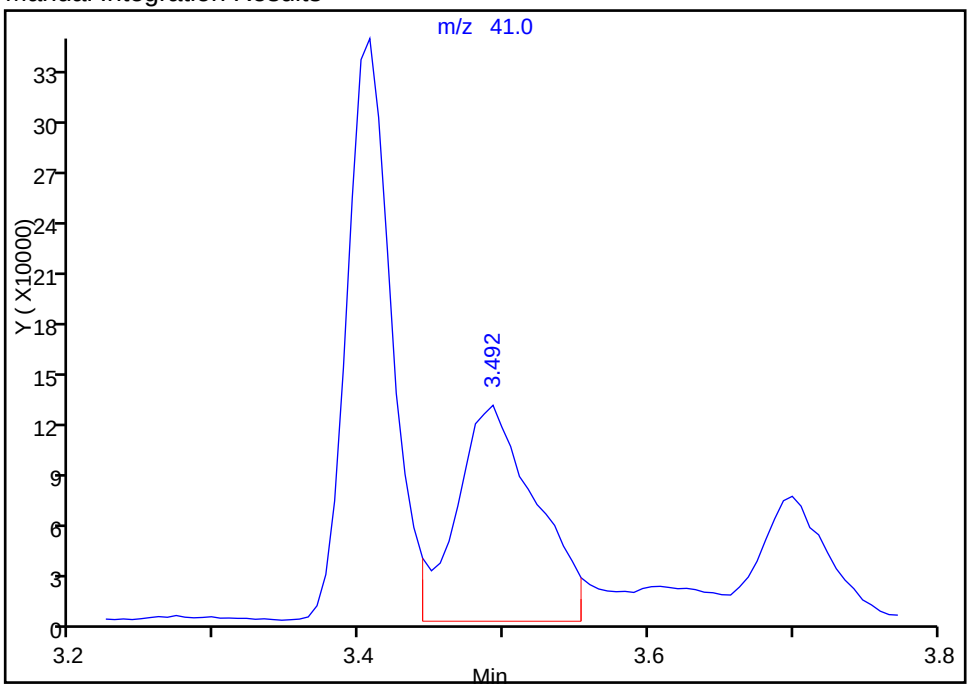
Processing Integration Results

RT: 3.49
Response: 532324
Amount: 555.4379



Manual Integration Results

RT: 3.49
Response: 492009
Amount: 621.2316



Reviewer: delpolitov, 27-May-2014 08:38:49
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Report Date: 27-May-2014 08:56:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03864.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-May-2014 21:36:30 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0013753-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:23 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: boykink Date: 23-May-2014 22:36:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.651	1.657	-0.006	83	358038	200.0	200.2	
3 Dichlorodifluoromethane	85	1.682	1.688	-0.006	87	1926645	200.0	192.6	
4 Chloromethane	50	1.865	1.859	0.006	89	2280882	200.0	188.5	
6 Vinyl chloride	62	1.981	1.980	0.001	83	2067823	200.0	197.3	
5 Butadiene	54	1.993	1.987	0.006	97	1985408	200.0	200.9	
9 Bromomethane	94	2.316	2.310	0.006	99	974679	200.0	189.1	
10 Chloroethane	64	2.401	2.395	0.006	97	1122993	200.0	191.3	
12 Dichlorofluoromethane	67	2.609	2.608	0.001	90	2783210	200.0	195.3	
13 Trichlorofluoromethane	101	2.627	2.627	0.000	85	1847544	200.0	196.5	
11 Pentane	72	2.633	2.633	0.000	96	513863	400.0	406.8	
16 Ethanol	46	2.852	2.846	0.006	79	187583	10000	9873.2	
14 Ethyl ether	59	2.852	2.858	-0.006	89	1155466	200.0	186.6	
15 2-Methyl-1,3-butadiene	67	2.871	2.877	-0.006	97	2145310	200.0	194.4	
8 1,2-Dichloro-1,1,2-trifluo	117	2.932	2.932	0.000	87	879106	200.0	199.9	
17 Acrolein	56	3.048	3.053	-0.005	93	142718	200.0	201.2	
19 1,1,2-Trichloro-1,2,2-trif	101	3.066	3.066	0.000	89	1105514	200.0	207.6	
20 1,1-Dichloroethene	96	3.072	3.078	-0.006	84	1044825	200.0	191.6	
21 Acetone	43	3.182	3.188	-0.006	83	2563268	1000.0	871.8	
22 Iodomethane	142	3.237	3.236	0.001	100	1523271	200.0	207.4	
23 Carbon disulfide	76	3.267	3.267	0.000	100	4348310	200.0	204.9	
138 Isopropyl alcohol	45	3.279	3.279	0.000	78	550834	2000.0	1958.2	
141 3-Chloro-1-propene	76	3.407	3.413	-0.006	94	741639	200.0	197.1	
25 Cyclopentene	67	3.426	3.425	0.001	89	3826858	200.0	212.5	
24 Methyl acetate	43	3.432	3.431	0.001	98	6362491	1000.0	969.7	
26 Acetonitrile	41	3.499	3.498	0.001	99	1819824	2000.0	2193.0	
27 Methylene Chloride	84	3.541	3.541	0.000	90	1225978	200.0	189.1	
* 28 TBA-d9 (IS)	65	3.547	3.559	-0.012	19	455894	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.627	3.620	0.007	96	850484	2000.0	1965.9	
30 Methyl tert-butyl ether	73	3.706	3.706	0.000	97	3742146	200.0	205.5	
31 trans-1,2-Dichloroethene	96	3.724	3.724	0.000	88	1106625	200.0	195.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.803	3.809	-0.006	94	5660888	2000.0	2019.9	
33 Hexane	43	3.871	3.876	-0.005	92	1353690	200.0	202.1	
34 Isopropyl ether	45	4.078	4.078	0.000	96	4958084	200.0	208.0	
35 1,1-Dichloroethane	63	4.102	4.108	-0.006	90	2371088	200.0	202.9	
36 Vinyl acetate	43	4.121	4.120	0.000	100	6024492	400.0	423.6	M
37 2-Chloro-1,3-butadiene	88	4.145	4.145	0.000	90	1008525	200.0	204.5	
39 Tert-butyl ethyl ether	59	4.364	4.364	0.000	87	4147640	200.0	205.1	
40 2,2-Dichloropropane	77	4.553	4.547	0.006	83	1831439	200.0	211.7	
41 cis-1,2-Dichloroethene	96	4.566	4.565	0.001	84	1176689	200.0	197.1	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	94	680489	1000.0	1053.6	
38 Allyl alcohol	57	4.584	4.590	-0.006	27	267127	5000.0	5077.8	
42 Ethyl acetate	70	4.584	4.590	-0.006	96	227852	400.0	403.1	
44 Methyl acrylate	55	4.633	4.626	0.007	93	1202586	200.0	214.4	
45 Propionitrile	54	4.700	4.699	0.001	97	1770078	2000.0	1941.6	
47 Chlorobromomethane	128	4.755	4.754	0.001	92	497582	200.0	197.8	
46 Tetrahydrofuran	42	4.761	4.767	-0.005	93	1130755	400.0	427.8	
48 Methacrylonitrile	67	4.785	4.785	0.000	96	5396169	2000.0	2108.9	
49 Chloroform	83	4.797	4.797	0.000	76	2005104	200.0	205.1	
50 Cyclohexane	56	4.913	4.913	0.000	97	2571301	200.0	222.0	
51 1,1,1-Trichloroethane	97	4.925	4.919	0.006	91	1669062	200.0	211.2	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.925	0.000	65	210856	50.0	49.7	
53 Carbon tetrachloride	117	5.017	5.016	0.001	88	1347198	200.0	219.4	
54 1,1-Dichloropropene	75	5.035	5.041	-0.006	89	1545256	200.0	209.9	
57 Isobutyl alcohol	43	5.133	5.126	0.006	96	985160	5000.0	5048.2	
155 Isooctane	57	5.169	5.163	0.006	100	4971684	200.0	233.1	
55 Benzene	78	5.200	5.199	0.001	98	4793133	200.0	205.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.205	0.001	64	333748	50.0	52.4	
58 Isopropyl acetate	43	5.236	5.236	0.000	94	4585343	200.0	212.6	
59 Tert-amyl methyl ether	73	5.242	5.242	0.000	82	4318431	200.0	229.6	
60 1,2-Dichloroethane	62	5.267	5.266	0.001	89	1681278	200.0	205.1	
61 n-Heptane	57	5.303	5.303	0.000	96	994136	200.0	224.9	
* 62 Fluorobenzene	96	5.419	5.419	0.000	97	777739	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.584	5.577	0.007	94	7651780	400.0	403.3	
140 n-Butanol	56	5.632	5.626	0.006	80	608290	5000.0	5055.9	
64 Trichloroethene	95	5.693	5.693	0.000	88	1080420	200.0	207.7	
65 Ethyl acrylate	55	5.785	5.791	-0.006	96	3431821	200.0	221.3	
66 Methylcyclohexane	83	5.797	5.797	0.000	93	2049143	200.0	223.9	
67 1,2-Dichloropropane	63	5.937	5.931	0.006	90	1235569	200.0	199.9	
* 69 1,4-Dioxane-d8	96	5.980	5.968	0.012	83	46424	1000.0	1000.0	
68 Methyl methacrylate	100	5.980	5.974	0.006	93	529036	400.0	422.7	
70 n-Propyl acetate	43	6.023	6.016	0.007	79	1865420	200.0	213.6	
71 1,4-Dioxane	88	6.023	6.022	0.001	20	150762	4000.0	3903.4	
72 Dibromomethane	93	6.041	6.041	0.000	88	631679	200.0	199.3	
73 Dichlorobromomethane	83	6.163	6.163	0.000	95	1482497	200.0	218.9	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	95	647253	200.0	215.5	
75 2-Nitropropane	41	6.462	6.461	0.001	98	662371	400.0	469.2	
76 Epichlorohydrin	57	6.547	6.547	0.000	98	2056316	4000.0	3934.1	
77 cis-1,3-Dichloropropene	75	6.590	6.589	0.001	93	1823213	200.0	220.3	
78 4-Methyl-2-pentanone (MIBK	43	6.718	6.717	0.001	98	7328705	1000.0	1094.0	
$ 79 Toluene-d8 (Surr)	98	6.785	6.784	0.001	97	854443	50.0	50.3	
80 Toluene	91	6.846	6.839	0.007	93	4562131	200.0	210.2	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	93	1478323	200.0	215.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	92	1528468	200.0	214.7	
83 1,1,2-Trichloroethane	83	7.217	7.217	0.000	92	756217	200.0	199.7	
84 Tetrachloroethene	166	7.254	7.254	0.000	82	873183	200.0	211.5	
85 1,3-Dichloropropane	76	7.352	7.351	0.001	97	1594106	200.0	203.3	
86 2-Hexanone	43	7.376	7.376	0.000	100	4400364	1000.0	1045.2	
87 n-Butyl acetate	73	7.431	7.431	0.000	98	258973	200.0	195.0	
88 Chlorodibromomethane	129	7.492	7.492	0.000	95	871481	200.0	215.6	
89 Ethylene Dibromide	107	7.595	7.589	0.006	98	790333	200.0	204.8	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	77	499713	50.0	50.0	
91 Chlorobenzene	112	7.906	7.900	0.006	88	2615101	200.0	207.8	
92 Ethylbenzene	106	7.949	7.949	0.000	100	1535043	200.0	213.8	
93 1,1,1,2-Tetrachloroethane	131	7.961	7.961	0.000	85	968924	200.0	219.4	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	1892101	200.0	215.4	
95 n-Butyl acrylate	73	8.242	8.241	0.001	94	859140	200.0	215.5	
96 o-Xylene	106	8.284	8.284	0.000	89	1917513	200.0	212.6	
97 Styrene	104	8.297	8.296	0.001	91	3262453	200.0	218.8	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	88	2692714	200.0	218.7	
99 Bromoform	173	8.437	8.437	0.000	93	528866	200.0	216.1	
100 Isopropylbenzene	105	8.492	8.491	0.001	97	5335640	200.0	234.8	
$ 101 4-Bromofluorobenzene	174	8.620	8.619	0.001	79	209160	50.0	49.9	
102 Camphene	41	8.638	8.638	0.000	97	580795	200.0	227.4	
104 Bromobenzene	156	8.711	8.711	0.000	90	1022479	200.0	205.5	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	72	1291770	200.0	206.0	
105 N-Propylbenzene	91	8.735	8.735	0.000	91	6721702	200.0	233.0	
106 1,2,3-Trichloropropane	110	8.748	8.754	-0.006	87	339447	200.0	203.0	
139 trans-1,4-Dichloro-2-buten	53	8.748	8.754	-0.006	70	446949	200.0	211.9	
107 4-Ethyltoluene	105	8.803	8.802	0.001	91	5517616	200.0	233.6	
108 2-Chlorotoluene	91	8.809	8.808	0.001	94	4707722	200.0	220.3	
109 1,3,5-Trimethylbenzene	105	8.833	8.839	-0.006	77	4663781	200.0	232.8	
110 Butyl Methacrylate	87	8.870	8.869	0.001	97	1829148	200.0	235.7	
111 4-Chlorotoluene	91	8.876	8.875	0.001	97	3981159	200.0	220.1	
112 tert-Butylbenzene	119	9.016	9.016	0.000	90	3685074	200.0	235.8	
113 1,2,4-Trimethylbenzene	105	9.052	9.052	0.000	97	4722461	200.0	230.7	
114 sec-Butylbenzene	105	9.138	9.144	-0.006	98	5861864	200.0	240.7	
115 4-Isopropyltoluene	119	9.217	9.217	0.000	92	4892840	200.0	235.7	
116 1,3-Dichlorobenzene	146	9.241	9.241	0.000	93	2142403	200.0	208.6	
* 117 1,4-Dichlorobenzene-d4	152	9.284	9.284	0.000	81	263413	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.296	9.296	0.000	89	2200227	200.0	205.2	
119 Benzyl chloride	91	9.382	9.381	0.001	97	2463062	200.0	222.6	
120 2,3-Dihydroindene	117	9.430	9.430	0.000	88	5033209	200.0	220.4	
121 p-Diethylbenzene	119	9.443	9.442	0.001	88	3124620	200.0	220.4	
122 n-Butylbenzene	92	9.461	9.461	0.000	97	2870240	200.0	219.3	
123 1,2-Dichlorobenzene	146	9.528	9.528	0.000	91	2097940	200.0	200.0	
124 1,2,4,5-Tetramethylbenzene	119	9.949	9.948	0.001	95	4261357	200.0	214.9	
125 1,2-Dibromo-3-Chloropropan	75	10.052	10.052	0.000	91	218748	200.0	199.5	
126 1,3,5-Trichlorobenzene	180	10.150	10.150	0.000	92	1486250	200.0	188.8	
127 Camphor	95	10.577	10.582	-0.005	95	537578	1000.0	1001.3	
128 1,2,4-Trichlorobenzene	180	10.644	10.650	-0.006	89	1243998	200.0	199.9	
129 Hexachlorobutadiene	225	10.723	10.729	-0.006	89	608905	200.0	194.1	
130 Naphthalene	128	10.881	10.881	0.000	98	2842530	200.0	199.2	
133 1,2,3-Trichlorobenzene	180	11.101	11.101	0.000	92	966308	200.0	199.6	
S 136 1,2-Dichloroethene, Total	100				0			392.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	428.1	
S 147 Total BTEX	1				0			1057.1	

QC Flag Legend

Review Flags
M - Manually Integrated

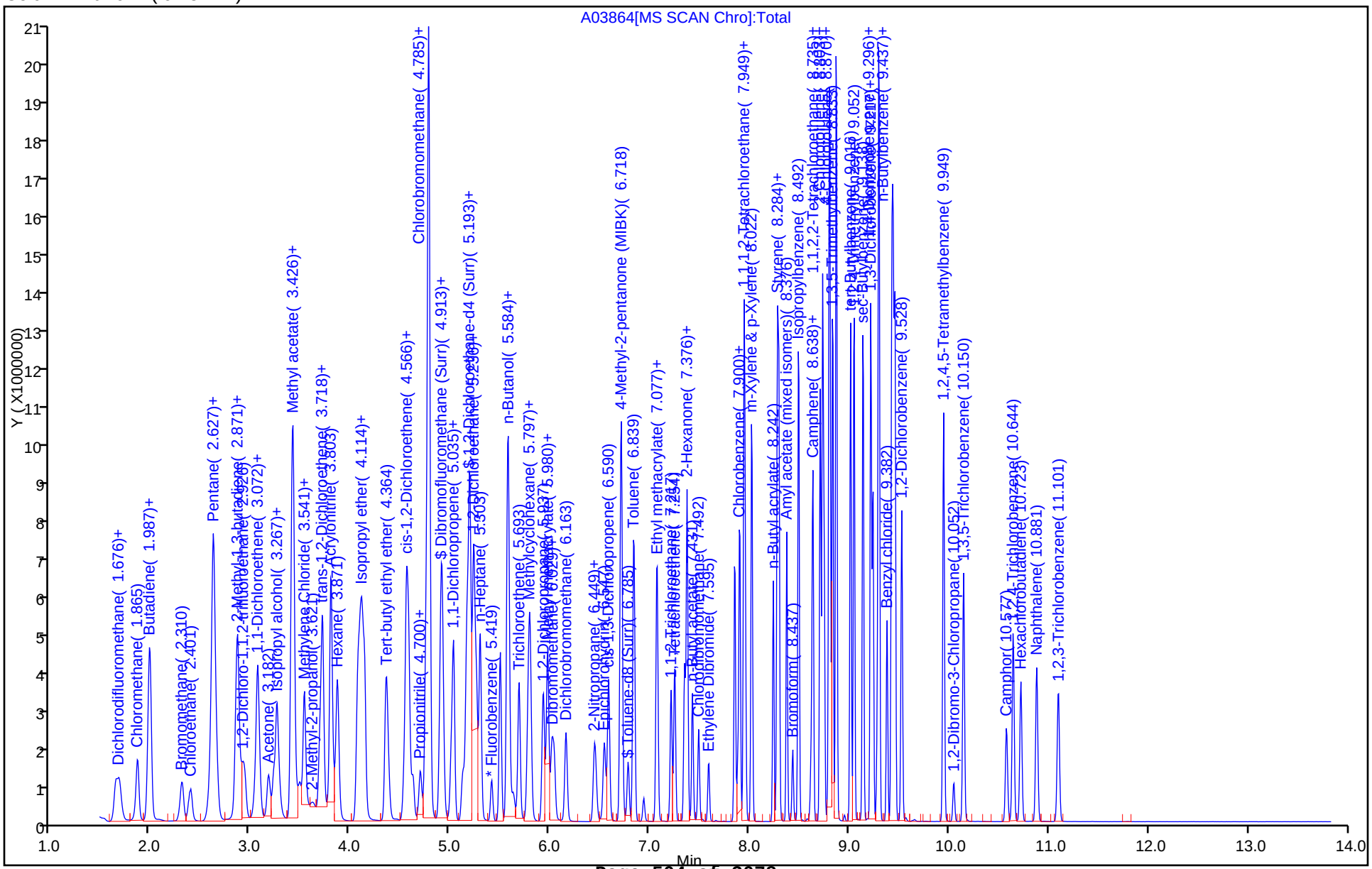
Report Date: 27-May-2014 08:56:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03864.D

Injection Date:	23-May-2014 21:36:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

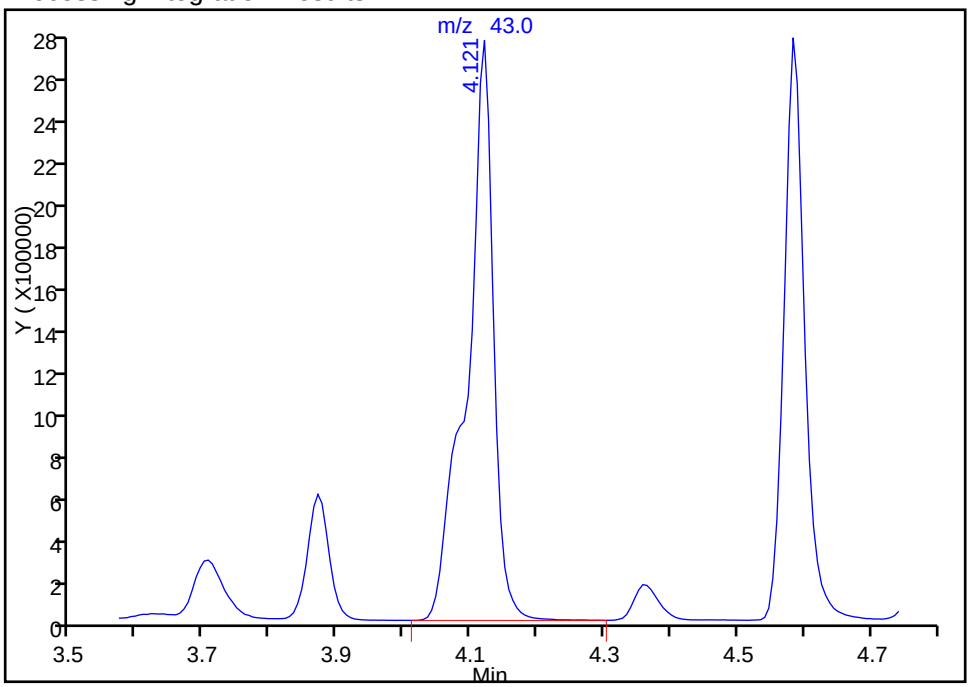
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03864.D
Injection Date: 23-May-2014 21:36:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

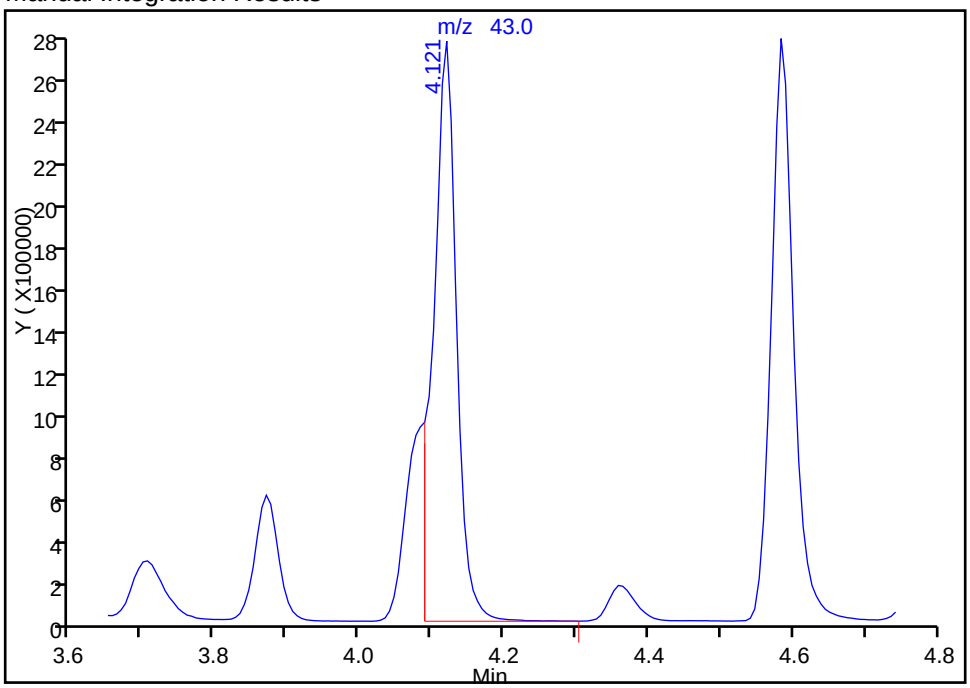
Processing Integration Results

RT: 4.12
Response: 7485161
Amount: 419.3540



Manual Integration Results

RT: 4.12
Response: 6024492
Amount: 423.6187



Reviewer: delpolitov, 27-May-2014 08:26:59
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

Report Date: 27-May-2014 08:56:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03865.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-May-2014 21:56:30 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0013753-008
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:26 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: boykink Date: 23-May-2014 22:35:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.639	1.657	-0.018	80	886270	500.0	470.1	
3 Dichlorodifluoromethane	85	1.670	1.688	-0.018	87	4933739	500.0	468.0	
4 Chloromethane	50	1.859	1.859	0.000	89	5851721	500.0	458.8	
6 Vinyl chloride	62	1.975	1.980	-0.005	83	5284161	500.0	478.3	
5 Butadiene	54	1.981	1.987	-0.006	94	5129077	500.0	492.3	
9 Bromomethane	94	2.304	2.310	-0.006	98	2496772	500.0	459.4	
10 Chloroethane	64	2.389	2.395	-0.006	97	2820282	500.0	455.7	
12 Dichlorofluoromethane	67	2.602	2.608	-0.006	90	7163347	500.0	476.8	
13 Trichlorofluoromethane	101	2.615	2.627	-0.012	86	4752247	500.0	479.4	
11 Pentane	72	2.621	2.633	-0.012	96	1287004	1000.0	966.5	
16 Ethanol	46	2.840	2.846	-0.006	82	610179	25000	25012	
14 Ethyl ether	59	2.840	2.858	-0.018	88	2825199	500.0	432.9	
15 2-Methyl-1,3-butadiene	67	2.859	2.877	-0.019	96	5869780	500.0	504.6	
8 1,2-Dichloro-1,1,2-trifluo	117	2.926	2.932	-0.006	87	2162840	500.0	466.6	
17 Acrolein	56	3.029	3.053	-0.024	93	293649	400.0	386.3	
19 1,1,2-Trichloro-1,2,2-trif	101	3.054	3.066	-0.012	89	2869688	500.0	511.3	
20 1,1-Dichloroethene	96	3.066	3.078	-0.012	84	2670829	500.0	464.5	
21 Acetone	43	3.169	3.188	-0.019	85	6562595	2500.0	2117.4	
22 Iodomethane	142	3.224	3.236	-0.012	100	3939220	500.0	500.5	
23 Carbon disulfide	76	3.255	3.267	-0.012	100	11360410	500.0	507.9	
138 Isopropyl alcohol	45	3.267	3.279	-0.012	76	1935211	5000.0	5003.8	
141 3-Chloro-1-propene	76	3.401	3.413	-0.012	91	1708260	500.0	430.6	
25 Cyclopentene	67	3.413	3.425	-0.012	79	9772518	500.0	514.8	
24 Methyl acetate	43	3.419	3.431	-0.012	98	16134787	2500.0	2332.6	
26 Acetonitrile	41	3.480	3.498	-0.018	99	3812683	5000.0	4287.3	
27 Methylene Chloride	84	3.529	3.541	-0.012	87	3134374	500.0	458.7	
* 28 TBA-d9 (IS)	65	3.547	3.559	-0.012	11	488563	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.614	3.620	-0.006	89	2599729	5000.0	5003.7	
30 Methyl tert-butyl ether	73	3.694	3.706	-0.012	97	9256672	500.0	482.2	
31 trans-1,2-Dichloroethene	96	3.712	3.724	-0.012	88	2740212	500.0	458.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.797	3.809	-0.012	92	13611375	5000.0	4607.2	
33 Hexane	43	3.864	3.876	-0.012	93	3221664	500.0	456.2	
34 Isopropyl ether	45	4.072	4.078	-0.006	96	12747646	500.0	507.2	
35 1,1-Dichloroethane	63	4.096	4.108	-0.012	91	6039539	500.0	490.2	
36 Vinyl acetate	43	4.108	4.120	-0.012	100	14557446	1000.0	996.7	M
37 2-Chloro-1,3-butadiene	88	4.139	4.145	-0.006	89	2536859	500.0	488.0	
39 Tert-butyl ethyl ether	59	4.358	4.364	-0.006	87	10807857	500.0	506.9	
40 2,2-Dichloropropane	77	4.553	4.547	0.006	74	4563236	500.0	500.3	
41 cis-1,2-Dichloroethene	96	4.559	4.565	-0.006	83	2955735	500.0	469.7	
43 2-Butanone (MEK)	72	4.578	4.584	-0.006	95	1760317	2500.0	2543.2	
38 Allyl alcohol	57	4.578	4.590	-0.012	27	662369	12500	12488	
42 Ethyl acetate	70	4.578	4.590	-0.012	96	586159	1000.0	983.8	
44 Methyl acrylate	55	4.620	4.626	-0.006	94	2920397	500.0	493.8	
45 Propionitrile	54	4.700	4.699	0.001	97	4511701	5000.0	4694.7	
47 Chlorobromomethane	128	4.748	4.754	-0.006	90	1273987	500.0	480.3	
46 Tetrahydrofuran	42	4.754	4.767	-0.012	72	2956415	1000.0	1043.7	
48 Methacrylonitrile	67	4.779	4.785	-0.006	95	14049398	5000.0	5208.7	
49 Chloroform	83	4.791	4.797	-0.006	91	5230178	500.0	507.5	
50 Cyclohexane	56	4.907	4.913	-0.006	97	6787950	500.0	555.9	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	91	4351875	500.0	522.4	
$ 52 Dibromofluoromethane (Surr	113	4.919	4.925	-0.006	20	215795	50.0	48.3	
53 Carbon tetrachloride	117	5.017	5.016	0.001	86	3534865	500.0	546.1	
54 1,1-Dichloropropene	75	5.035	5.041	-0.006	91	3953596	500.0	509.6	
57 Isobutyl alcohol	43	5.126	5.126	0.000	91	3208910	12500	12495	
155 Isooctane	57	5.169	5.163	0.006	99	13113891	500.0	583.3	
55 Benzene	78	5.193	5.199	-0.006	98	12328981	500.0	476.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.205	0.001	63	366280	50.0	54.6	
58 Isopropyl acetate	43	5.230	5.236	-0.006	93	12389539	500.0	545.1	
59 Tert-amyl methyl ether	73	5.236	5.242	-0.006	90	10703473	500.0	539.9	
60 1,2-Dichloroethane	62	5.260	5.266	-0.006	90	4383873	500.0	507.4	
61 n-Heptane	57	5.297	5.303	-0.006	95	2404893	500.0	516.1	
* 62 Fluorobenzene	96	5.413	5.419	-0.006	97	819858	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.577	5.577	0.000	89	18912473	1000.0	999.5	
140 n-Butanol	56	5.632	5.626	0.006	78	1795295	12500	13924	
64 Trichloroethene	95	5.687	5.693	-0.006	89	2772652	500.0	505.6	
65 Ethyl acrylate	55	5.779	5.791	-0.012	97	9246147	500.0	565.5	
66 Methylcyclohexane	83	5.797	5.797	0.000	90	5321858	500.0	551.7	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	90	3207505	500.0	492.3	
* 69 1,4-Dioxane-d8	96	6.041	5.968	0.073	53	61976	1000.0	1000.0	M
68 Methyl methacrylate	100	5.974	5.974	0.000	94	1432871	1000.0	1086.1	
70 n-Propyl acetate	43	6.016	6.016	0.000	99	5158088	500.0	560.3	
71 1,4-Dioxane	88	6.023	6.022	0.001	22	428756	10000	10022	
72 Dibromomethane	93	6.041	6.041	0.000	90	1647698	500.0	493.2	
73 Dichlorobromomethane	83	6.157	6.163	-0.006	94	3933614	500.0	551.0	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	85	1760340	500.0	555.9	
75 2-Nitropropane	41	6.461	6.461	0.000	97	1806703	1000.0	1214.1	
76 Epichlorohydrin	57	6.547	6.547	0.000	91	5698420	10000	9840.1	
77 cis-1,3-Dichloropropene	75	6.589	6.589	0.000	92	4962105	500.0	541.1	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.717	-0.006	94	17134584	2500.0	2308.6	
$ 79 Toluene-d8 (Surr)	98	6.785	6.784	0.001	96	878275	50.0	46.7	
80 Toluene	91	6.839	6.839	0.000	93	11816607	500.0	491.5	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	93	4145470	500.0	544.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	92	4213919	500.0	561.6	
83 1,1,2-Trichloroethane	83	7.217	7.217	0.000	92	2055239	500.0	489.8	
84 Tetrachloroethene	166	7.254	7.254	0.000	82	2340641	500.0	511.7	
85 1,3-Dichloropropane	76	7.352	7.351	0.001	98	4389536	500.0	505.2	
86 2-Hexanone	43	7.376	7.376	0.000	96	11684355	2500.0	2504.9	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	709952	500.0	482.6	
88 Chlorodibromomethane	129	7.492	7.492	0.000	95	2439204	500.0	544.7	
89 Ethylene Dibromide	107	7.589	7.589	0.000	97	2135599	500.0	499.5	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	81	553648	50.0	50.0	
91 Chlorobenzene	112	7.906	7.900	0.006	88	7149303	500.0	512.7	
92 Ethylbenzene	106	7.949	7.949	0.000	96	4224115	500.0	531.0	
93 1,1,1,2-Tetrachloroethane	131	7.961	7.961	0.000	85	2685529	500.0	548.8	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	5140742	500.0	528.3	
95 n-Butyl acrylate	73	8.242	8.241	0.001	95	2366351	500.0	535.8	
96 o-Xylene	106	8.284	8.284	0.000	88	5224982	500.0	523.0	
97 Styrene	104	8.296	8.296	0.000	87	8747978	500.0	529.6	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	89	7407162	500.0	544.5	
99 Bromoform	173	8.437	8.437	0.000	93	1462975	500.0	539.5	
100 Isopropylbenzene	105	8.492	8.491	0.001	97	11243112	500.0	446.7	
$ 101 4-Bromofluorobenzene	174	8.620	8.619	0.001	68	220064	50.0	47.5	
102 Camphene	41	8.638	8.638	0.000	97	1516766	500.0	536.0	
104 Bromobenzene	156	8.711	8.711	0.000	91	2844689	500.0	517.3	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	72	3545797	500.0	511.6	
105 N-Propylbenzene	91	8.729	8.735	-0.006	92	12444998	500.0	390.4	
106 1,2,3-Trichloropropane	110	8.748	8.754	-0.006	87	918315	500.0	497.1	
139 trans-1,4-Dichloro-2-buten	53	8.748	8.754	-0.006	71	1231969	500.0	528.6	
107 4-Ethyltoluene	105	8.796	8.802	-0.006	84	11045245	500.0	423.2	
108 2-Chlorotoluene	91	8.802	8.808	-0.006	96	11724360	500.0	496.6	
109 1,3,5-Trimethylbenzene	105	8.833	8.839	-0.006	93	10691307	500.0	483.0	
110 Butyl Methacrylate	87	8.870	8.869	0.001	97	5191416	500.0	605.4	
111 4-Chlorotoluene	91	8.876	8.875	0.001	96	9793827	500.0	490.0	
112 tert-Butylbenzene	119	9.016	9.016	0.000	86	9403880	500.0	544.6	
113 1,2,4-Trimethylbenzene	105	9.046	9.052	-0.006	95	10454078	500.0	462.1	
114 sec-Butylbenzene	105	9.132	9.144	-0.012	97	11995774	500.0	445.7	
115 4-Isopropyltoluene	119	9.211	9.217	-0.006	95	11024444	500.0	480.6	
116 1,3-Dichlorobenzene	146	9.235	9.241	-0.006	90	5851035	500.0	515.5	
* 117 1,4-Dichlorobenzene-d4	152	9.278	9.284	-0.006	77	291072	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.296	9.296	0.000	89	6125256	500.0	517.1	
119 Benzyl chloride	91	9.382	9.381	0.001	97	6773208	500.0	554.0	
120 2,3-Dihydroindene	117	9.424	9.430	-0.006	79	12125696	500.0	503.7	
121 p-Diethylbenzene	119	9.443	9.442	0.001	90	8361029	500.0	533.6	
122 n-Butylbenzene	92	9.461	9.461	0.000	92	7594420	500.0	525.0	
123 1,2-Dichlorobenzene	146	9.528	9.528	0.000	92	5703789	500.0	492.1	
124 1,2,4,5-Tetramethylbenzene	119	9.942	9.948	-0.006	96	10888297	500.0	496.9	
125 1,2-Dibromo-3-Chloropropan	75	10.046	10.052	-0.006	88	596938	500.0	500.1	
126 1,3,5-Trichlorobenzene	180	10.144	10.150	-0.006	91	3922139	500.0	450.9	
127 Camphor	95	10.577	10.582	-0.006	96	1668922	2500.0	2499.8	
128 1,2,4-Trichlorobenzene	180	10.644	10.650	-0.006	89	3324591	500.0	500.0	
129 Hexachlorobutadiene	225	10.723	10.729	-0.006	89	1545542	500.0	445.8	
130 Naphthalene	128	10.875	10.881	-0.006	98	7931950	500.0	500.1	
133 1,2,3-Trichlorobenzene	180	11.095	11.101	-0.006	91	2568221	500.0	500.1	
S 136 1,2-Dichloroethene, Total	100				0			928.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1051.3	
S 147 Total BTEX	1				0			2549.8	

QC Flag Legend

Review Flags
M - Manually Integrated

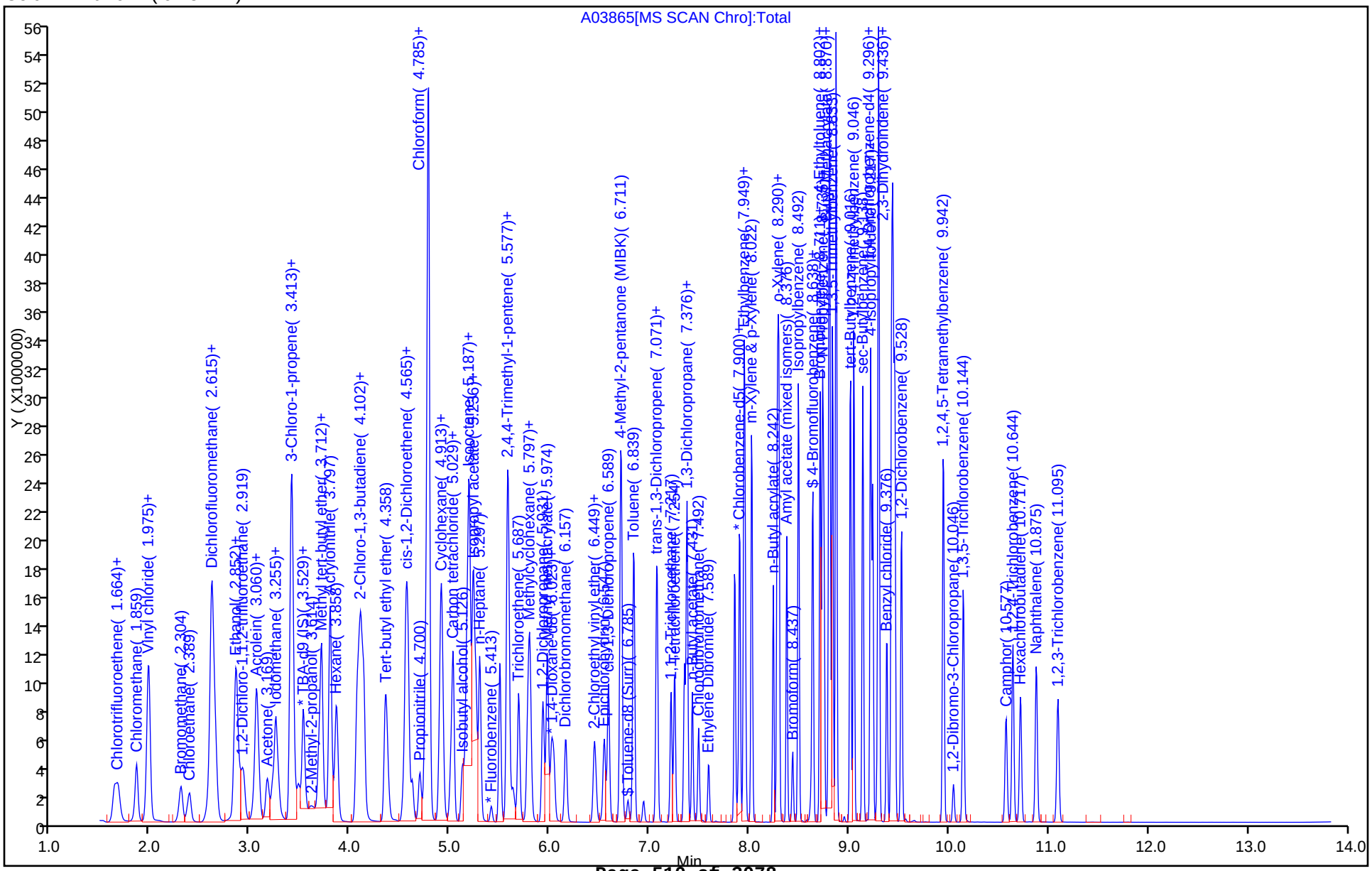
Report Date: 27-May-2014 08:56:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03865.D

Injection Date:	23-May-2014 21:56:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

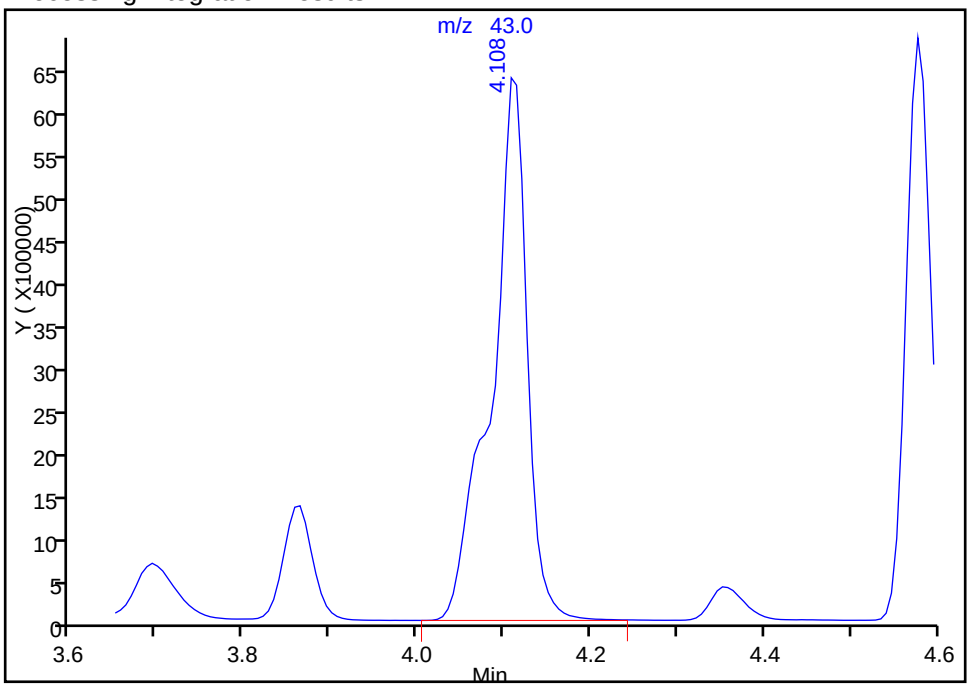
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03865.D
Injection Date: 23-May-2014 21:56:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

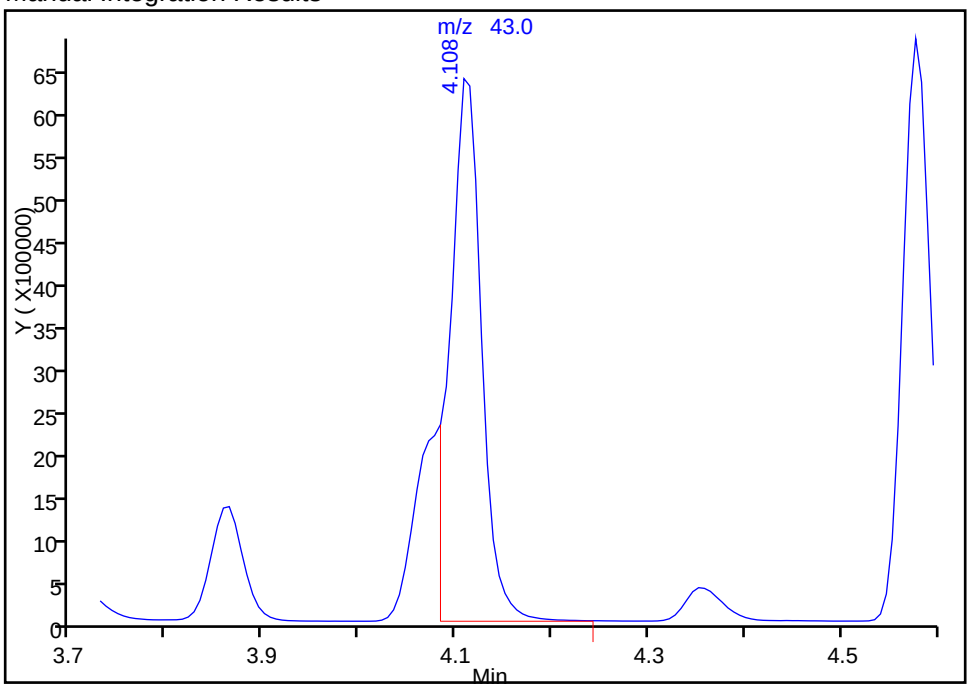
Processing Integration Results

RT: 4.11
Response: 18225963
Amount: 998.7299



Manual Integration Results

RT: 4.11
Response: 14557446
Amount: 996.6653



Reviewer: delpolitov, 27-May-2014 08:29:39
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

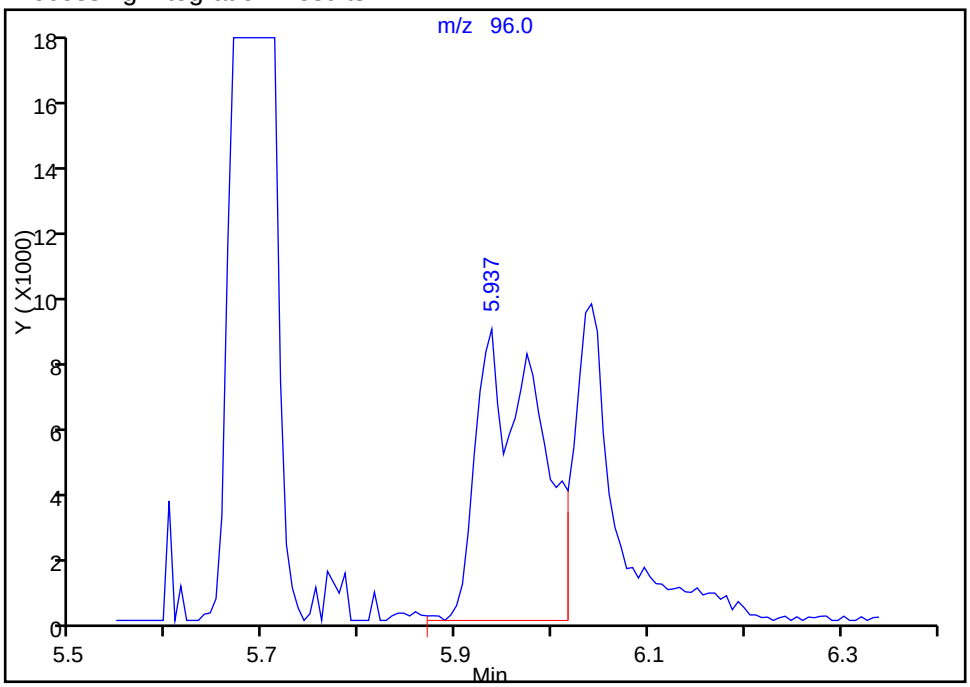
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03865.D
Injection Date: 23-May-2014 21:56:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

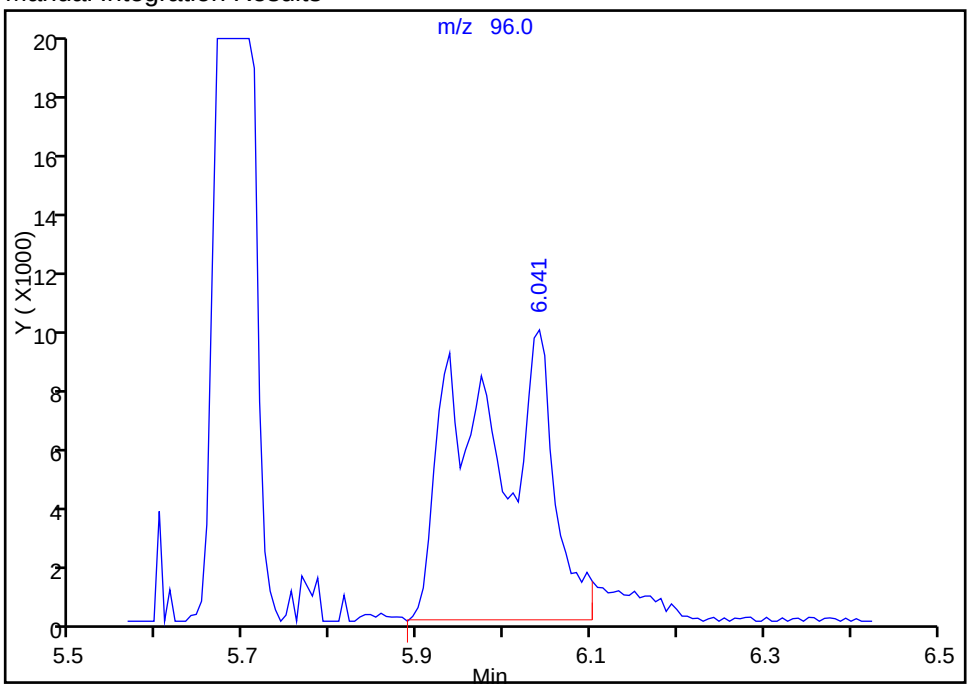
Processing Integration Results

RT: 5.94
Response: 39757
Amount: 1000.0000



Manual Integration Results

RT: 6.04
Response: 61976
Amount: 1000.0000



Reviewer: delpolitov, 27-May-2014 08:30:16
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 27-May-2014 08:56:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03872.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-May-2014 00:20:30 ALS Bottle#: 11 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0013753-015
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:29 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: boykink Date: 24-May-2014 03:36:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.639	1.657	-0.018	73	8549	5.00	5.20	
3 Dichlorodifluoromethane	85	1.670	1.688	-0.018	85	52590	5.00	5.72	
4 Chloromethane	50	1.846	1.859	-0.013	89	62885	5.00	5.65	
6 Vinyl chloride	62	1.962	1.980	-0.018	83	53872	5.00	5.59	
5 Butadiene	54	1.968	1.987	-0.019	89	51562	5.00	5.67	
9 Bromomethane	94	2.292	2.310	-0.018	95	26744	5.00	5.64	
10 Chloroethane	64	2.371	2.395	-0.024	94	29953	5.00	5.55	
12 Dichlorofluoromethane	67	2.602	2.608	-0.006	89	69706	5.00	5.32	
13 Trichlorofluoromethane	101	2.621	2.627	-0.006	43	49103	5.00	5.68	
11 Pentane	72	2.621	2.633	-0.012	96	10195	10.0	8.78	
16 Ethanol	46	2.828	2.846	-0.018	88	5531	250.0	317.6	
14 Ethyl ether	59	2.846	2.858	-0.012	94	29008	5.00	5.10	
15 2-Methyl-1,3-butadiene	67	2.865	2.877	-0.012	96	45468	5.00	4.48	M
8 1,2-Dichloro-1,1,2-trifluo	117	2.926	2.932	-0.006	90	20678	5.00	5.12	
17 Acrolein	56	3.035	3.053	-0.018	90	18419	20.0	24.8	
19 1,1,2-Trichloro-1,2,2-trif	101	3.054	3.066	-0.012	73	23212	5.00	4.74	
20 1,1-Dichloroethene	96	3.066	3.078	-0.012	83	24838	5.00	4.95	
21 Acetone	43	3.182	3.188	-0.006	80	70237	25.0	26.0	
22 Iodomethane	142	3.236	3.236	0.000	98	36683	5.00	4.77	
23 Carbon disulfide	76	3.261	3.267	-0.006	99	93017	5.00	4.77	
138 Isopropyl alcohol	45	3.279	3.279	0.000	1	18228	50.0	75.0	
141 3-Chloro-1-propene	76	3.401	3.413	-0.012	95	18104	5.00	5.23	
25 Cyclopentene	67	3.413	3.425	-0.012	78	76945	5.00	4.65	
24 Methyl acetate	43	3.425	3.431	-0.006	98	159199	25.0	26.4	
26 Acetonitrile	41	3.493	3.498	-0.006	94	40364	50.0	46.4	M
27 Methylene Chloride	84	3.535	3.541	-0.006	87	29302	5.00	4.92	
* 28 TBA-d9 (IS)	65	3.547	3.559	-0.012	90	477592	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.608	3.620	-0.012	88	26097	50.0	62.3	
30 Methyl tert-butyl ether	73	3.694	3.706	-0.012	96	83680	5.00	5.00	
31 trans-1,2-Dichloroethene	96	3.718	3.724	-0.006	89	25659	5.00	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.797	3.809	-0.012	94	128850	50.0	50.0	
33 Hexane	43	3.864	3.876	-0.012	93	26687	5.00	4.33	
34 Isopropyl ether	45	4.078	4.078	0.000	92	105630	5.00	4.82	
35 1,1-Dichloroethane	63	4.096	4.108	-0.012	92	52607	5.00	4.90	
36 Vinyl acetate	43	4.114	4.120	-0.006	98	134054	10.0	10.1	
37 2-Chloro-1,3-butadiene	88	4.139	4.145	-0.006	87	21125	5.00	4.66	
39 Tert-butyl ethyl ether	59	4.352	4.364	-0.012	84	92679	5.00	4.98	
40 2,2-Dichloropropane	77	4.547	4.547	0.000	75	39013	5.00	4.90	
41 cis-1,2-Dichloroethene	96	4.559	4.565	-0.006	84	26620	5.00	4.85	
43 2-Butanone (MEK)	72	4.578	4.584	-0.006	94	15498	25.0	22.9	
38 Allyl alcohol	57	4.590	4.590	0.000	13	5936	125.0	103.6	
42 Ethyl acetate	70	4.584	4.590	-0.006	91	5689	10.0	10.9	
44 Methyl acrylate	55	4.626	4.626	0.000	70	23933	5.00	4.64	
45 Propionitrile	54	4.700	4.699	0.001	96	42196	50.0	50.3	
47 Chlorobromomethane	128	4.754	4.754	0.000	79	11210	5.00	4.85	
46 Tetrahydrofuran	42	4.761	4.767	-0.005	41	25773	10.0	9.31	
48 Methacrylonitrile	67	4.779	4.785	-0.006	96	115928	50.0	49.3	
49 Chloroform	83	4.791	4.797	-0.006	91	42174	5.00	4.69	
50 Cyclohexane	56	4.907	4.913	-0.006	95	47223	5.00	4.43	
51 1,1,1-Trichloroethane	97	4.913	4.919	-0.006	41	32576	5.00	4.48	
$ 52 Dibromofluoromethane (Surr	113	4.919	4.925	-0.006	98	191812	50.0	49.2	
53 Carbon tetrachloride	117	5.010	5.016	-0.006	83	24997	5.00	4.43	
54 1,1-Dichloropropene	75	5.029	5.041	-0.012	91	32027	5.00	4.73	
57 Isobutyl alcohol	43	5.132	5.126	0.006	14	21582	125.0	124.3	M
155 Isooctane	57	5.163	5.163	0.000	98	75743	5.00	3.86	
55 Benzene	78	5.193	5.199	-0.006	88	100682	5.00	5.02	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.205	0.001	75	276400	50.0	47.2	
58 Isopropyl acetate	43	5.230	5.236	-0.006	89	93387	5.00	4.71	
59 Tert-amyl methyl ether	73	5.236	5.242	-0.006	72	78786	5.00	4.56	
60 1,2-Dichloroethane	62	5.260	5.266	-0.006	82	35982	5.00	4.78	
61 n-Heptane	57	5.303	5.303	0.000	95	19057	5.00	4.69	
* 62 Fluorobenzene	96	5.413	5.419	-0.006	97	714995	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.571	5.577	-0.006	93	110929	10.0	6.14	
140 n-Butanol	56	5.626	5.626	0.000	52	13059	125.0	103.6	
64 Trichloroethene	95	5.687	5.693	-0.006	87	22111	5.00	4.62	
65 Ethyl acrylate	55	5.785	5.791	-0.006	94	64311	5.00	4.51	
66 Methylcyclohexane	83	5.797	5.797	0.000	94	38310	5.00	4.55	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	88	28088	5.00	4.94	
* 69 1,4-Dioxane-d8	96	5.968	5.968	0.000	78	32542	1000.0	1000.0	
68 Methyl methacrylate	100	5.980	5.974	0.006	90	10654	10.0	9.26	
70 n-Propyl acetate	43	6.016	6.016	0.000	73	36629	5.00	4.56	
71 1,4-Dioxane	88	6.022	6.022	0.000	8	3665	100.0	122.5	
72 Dibromomethane	93	6.041	6.041	0.000	87	14714	5.00	5.05	
73 Dichlorobromomethane	83	6.157	6.163	-0.006	94	28488	5.00	4.58	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	83	13366	5.00	4.84	
75 2-Nitropropane	41	6.461	6.461	0.000	89	11456	10.0	8.83	
76 Epichlorohydrin	57	6.541	6.547	-0.006	97	44381	100.0	98.9	
77 cis-1,3-Dichloropropene	75	6.589	6.589	0.000	88	31820	5.00	4.48	
78 4-Methyl-2-pentanone (MIBK	43	6.717	6.717	0.000	99	141433	25.0	24.6	
$ 79 Toluene-d8 (Surr)	98	6.785	6.784	0.001	97	734316	50.0	50.4	
80 Toluene	91	6.839	6.839	0.000	93	89518	5.00	4.81	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	90	25193	5.00	4.27	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	89	30223	5.00	4.62	
83 1,1,2-Trichloroethane	83	7.211	7.217	-0.006	90	16116	5.00	4.96	
84 Tetrachloroethene	166	7.248	7.254	-0.006	81	16990	5.00	4.79	
85 1,3-Dichloropropane	76	7.352	7.351	0.001	97	33536	5.00	4.98	
86 2-Hexanone	43	7.376	7.376	0.000	96	85524	25.0	23.7	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	5870	5.00	5.15	
88 Chlorodibromomethane	129	7.492	7.492	0.000	92	15747	5.00	4.54	
89 Ethylene Dibromide	107	7.589	7.589	0.000	93	16387	5.00	4.95	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	88	429007	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	87	53449	5.00	4.95	
92 Ethylbenzene	106	7.949	7.949	0.000	99	29794	5.00	4.83	
93 1,1,1,2-Tetrachloroethane	131	7.955	7.961	-0.006	80	17833	5.00	4.70	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	36639	5.00	4.86	
95 n-Butyl acrylate	73	8.242	8.241	0.001	93	15742	5.00	4.60	
96 o-Xylene	106	8.278	8.284	-0.006	89	36364	5.00	4.70	
97 Styrene	104	8.296	8.296	0.000	91	58519	5.00	4.57	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	89	49703	5.00	4.59	
99 Bromoform	173	8.437	8.437	0.000	90	10156	5.00	4.83	
100 Isopropylbenzene	105	8.492	8.491	0.001	97	93187	5.00	4.78	
$ 101 4-Bromofluorobenzene	174	8.620	8.619	0.001	82	182587	50.0	49.5	
102 Camphene	41	8.638	8.638	0.000	95	9511	5.00	4.34	
104 Bromobenzene	156	8.711	8.711	0.000	91	20983	5.00	4.80	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	75	27657	5.00	5.02	
105 N-Propylbenzene	91	8.735	8.735	0.000	92	123726	5.00	4.88	
106 1,2,3-Trichloropropane	110	8.748	8.754	-0.006	86	6984	5.00	4.75	
139 trans-1,4-Dichloro-2-buten	53	8.748	8.754	-0.006	67	9186	5.00	4.96	
107 4-Ethyltoluene	105	8.796	8.802	-0.006	98	97940	5.00	4.72	
108 2-Chlorotoluene	91	8.809	8.808	0.001	94	88219	5.00	4.70	
109 1,3,5-Trimethylbenzene	105	8.833	8.839	-0.006	82	83282	5.00	4.73	
110 Butyl Methacrylate	87	8.870	8.869	0.001	91	28992	5.00	4.25	
111 4-Chlorotoluene	91	8.870	8.875	-0.005	97	75007	5.00	4.72	
112 tert-Butylbenzene	119	9.016	9.016	0.000	88	59979	5.00	4.37	
113 1,2,4-Trimethylbenzene	105	9.046	9.052	-0.006	98	87345	5.00	4.85	
114 sec-Butylbenzene	105	9.138	9.144	-0.006	99	99132	5.00	4.63	
115 4-Isopropyltoluene	119	9.217	9.217	0.000	90	84796	5.00	4.65	
116 1,3-Dichlorobenzene	146	9.235	9.241	-0.006	91	43251	5.00	4.79	
* 117 1,4-Dichlorobenzene-d4	152	9.278	9.284	-0.006	97	231496	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.296	9.296	0.000	76	45782	5.00	4.86	
119 Benzyl chloride	91	9.375	9.381	-0.006	97	44016	5.00	4.53	
120 2,3-Dihydroindene	117	9.424	9.430	-0.006	90	95799	5.00	4.56	
121 p-Diethylbenzene	119	9.443	9.442	0.001	87	54576	5.00	4.38	
122 n-Butylbenzene	92	9.455	9.461	-0.006	92	51971	5.00	4.52	
123 1,2-Dichlorobenzene	146	9.528	9.528	0.000	92	44560	5.00	4.83	
124 1,2,4,5-Tetramethylbenzene	119	9.942	9.948	-0.006	95	77350	5.00	4.44	
125 1,2-Dibromo-3-Chloropropan	75	10.046	10.052	-0.006	78	5000	5.00	5.14	
126 1,3,5-Trichlorobenzene	180	10.144	10.150	-0.006	89	33537	5.00	4.85	
127 Camphor	95	10.576	10.582	-0.006	94	12903	25.0	29.8	
128 1,2,4-Trichlorobenzene	180	10.644	10.650	-0.006	91	32027	5.00	5.74	
129 Hexachlorobutadiene	225	10.717	10.729	-0.012	87	13665	5.00	4.96	
130 Naphthalene	128	10.875	10.881	-0.006	98	86809	5.00	6.95	
133 1,2,3-Trichlorobenzene	180	11.095	11.101	-0.006	90	36055	5.00	8.26	
S 136 1,2-Dichloroethene, Total	100				0			9.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	9.56	
S 147 Total BTEX	1				0			24.2	

QC Flag Legend

Review Flags
M - Manually Integrated

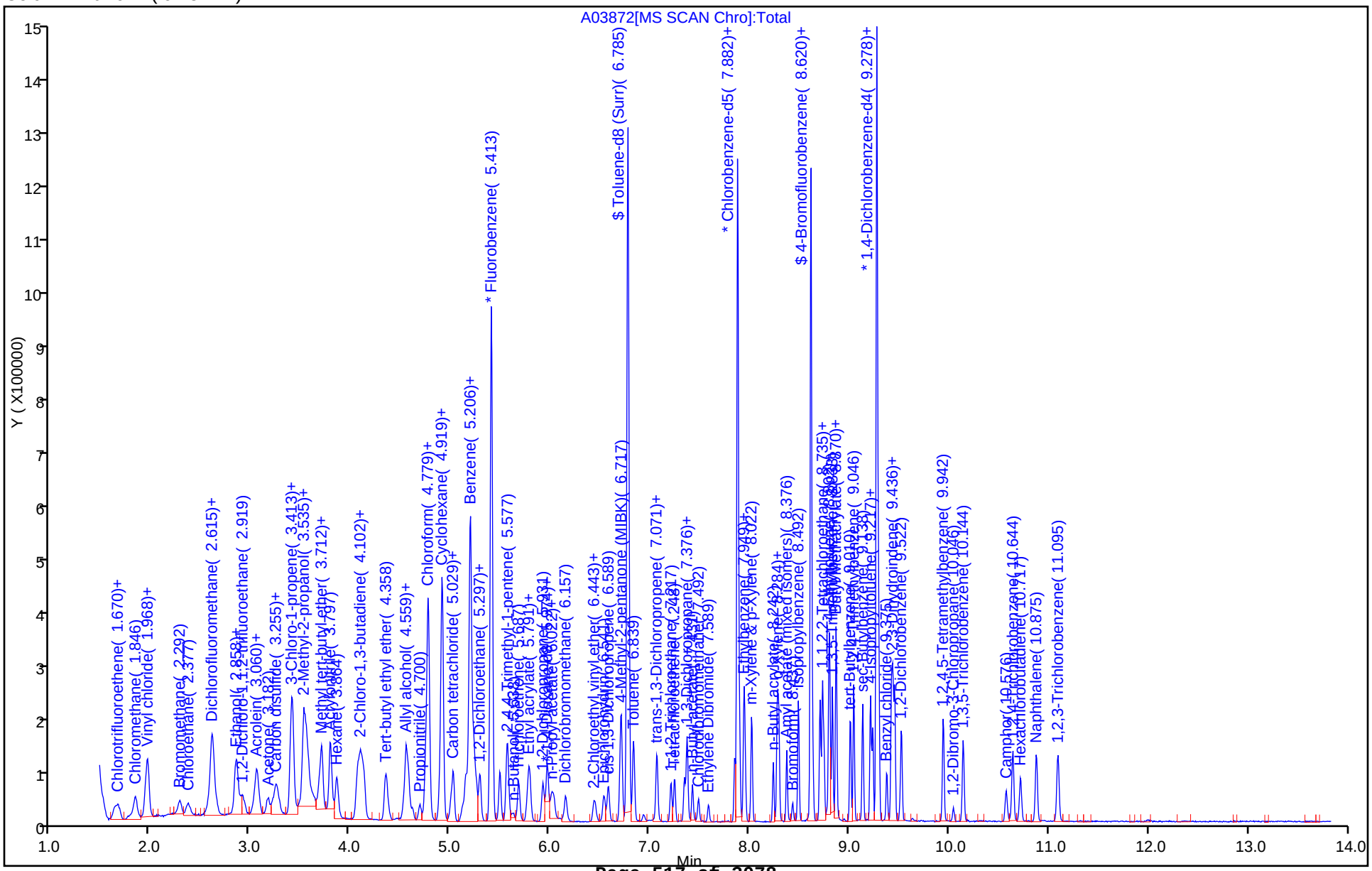
Report Date: 27-May-2014 08:56:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03872.D

Injection Date:	24-May-2014 00:20:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD5			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

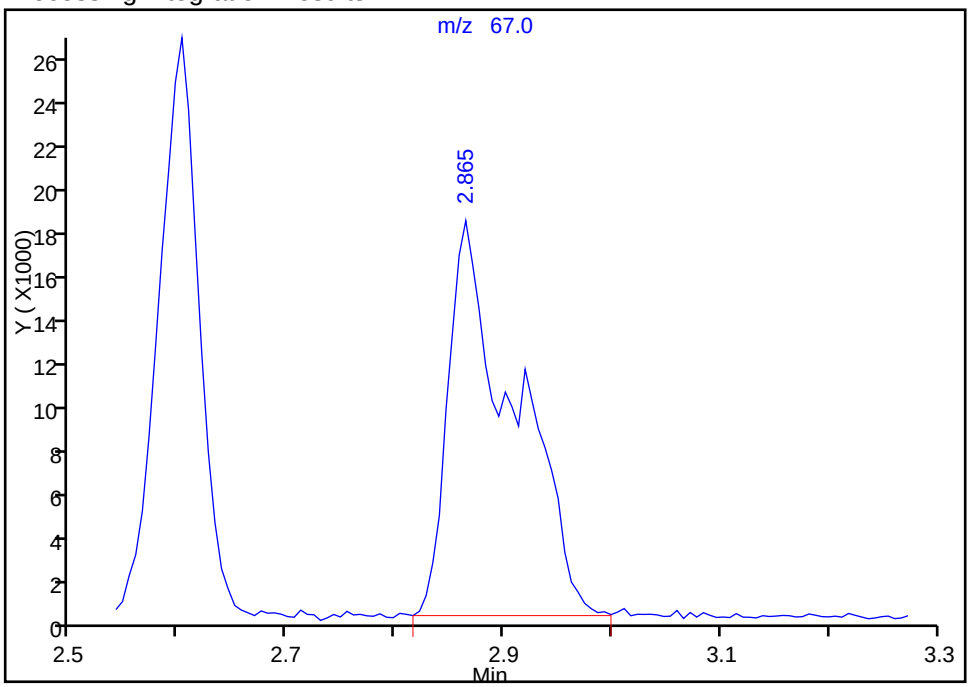
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03872.D
Injection Date: 24-May-2014 00:20:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 11 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

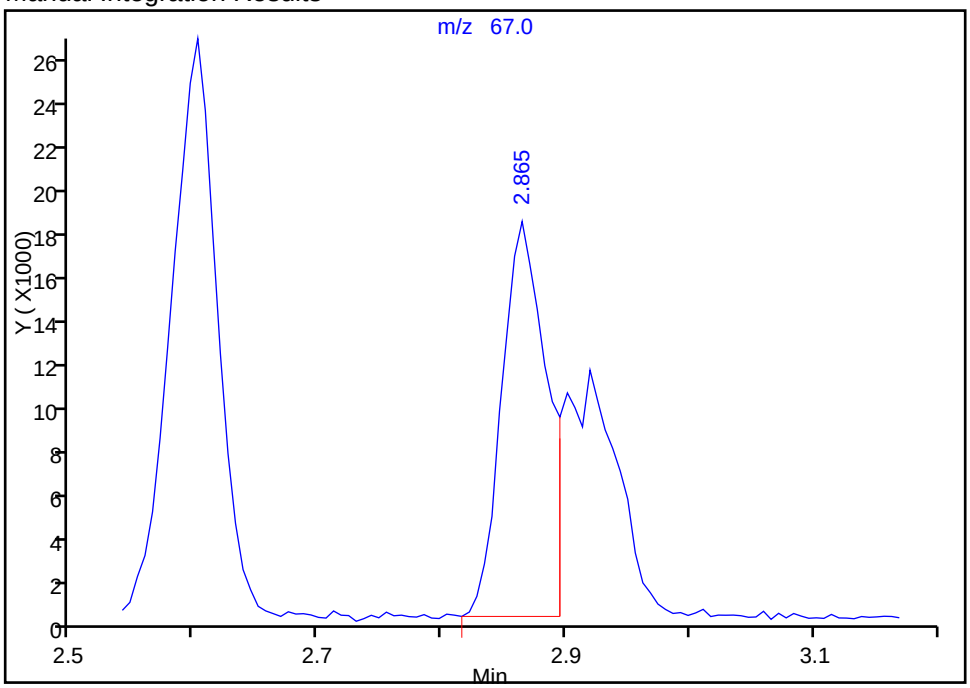
Processing Integration Results

RT: 2.86
Response: 76080
Amount: 4.791125



Manual Integration Results

RT: 2.86
Response: 45468
Amount: 4.482051



Reviewer: delpolitov, 27-May-2014 08:32:04
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

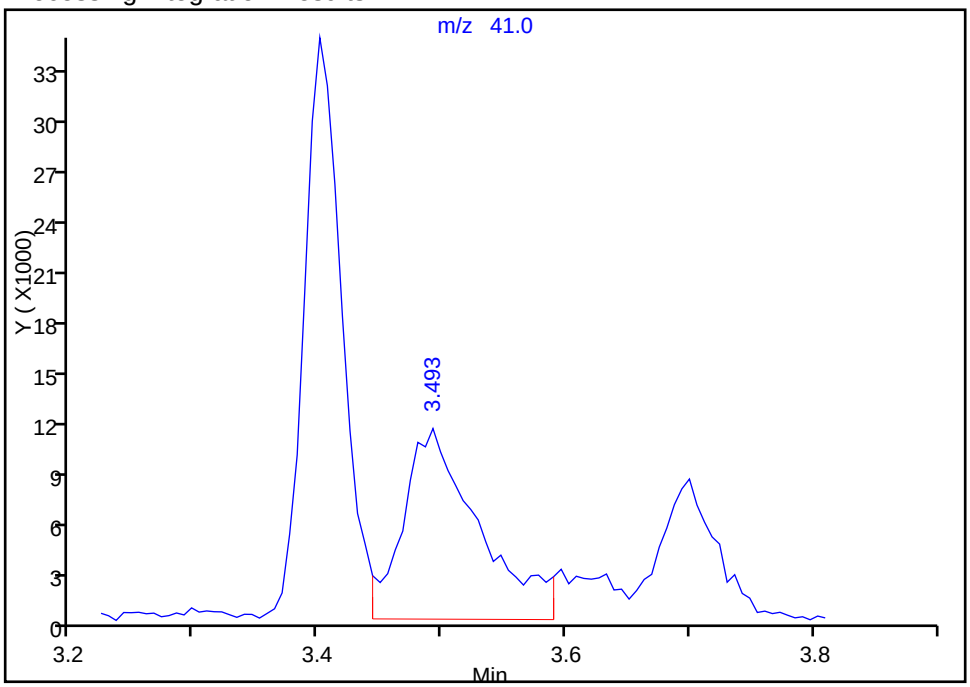
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03872.D
Injection Date: 24-May-2014 00:20:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 11 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

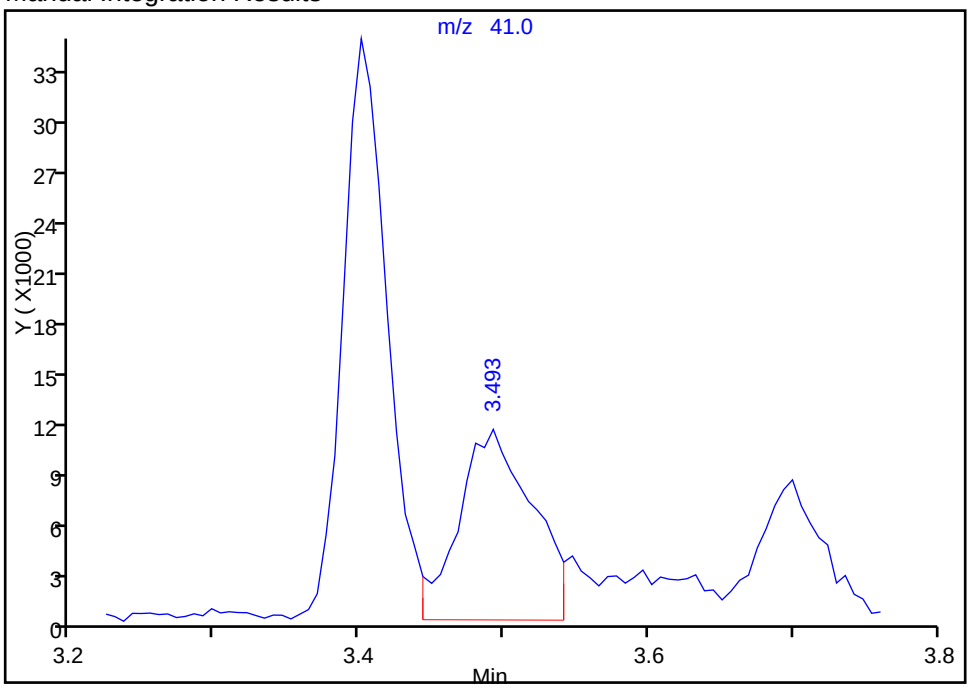
Processing Integration Results

RT: 3.49
Response: 48092
Amount: 50.419397



Manual Integration Results

RT: 3.49
Response: 40364
Amount: 46.431713



Reviewer: delpolitov, 27-May-2014 08:38:21
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

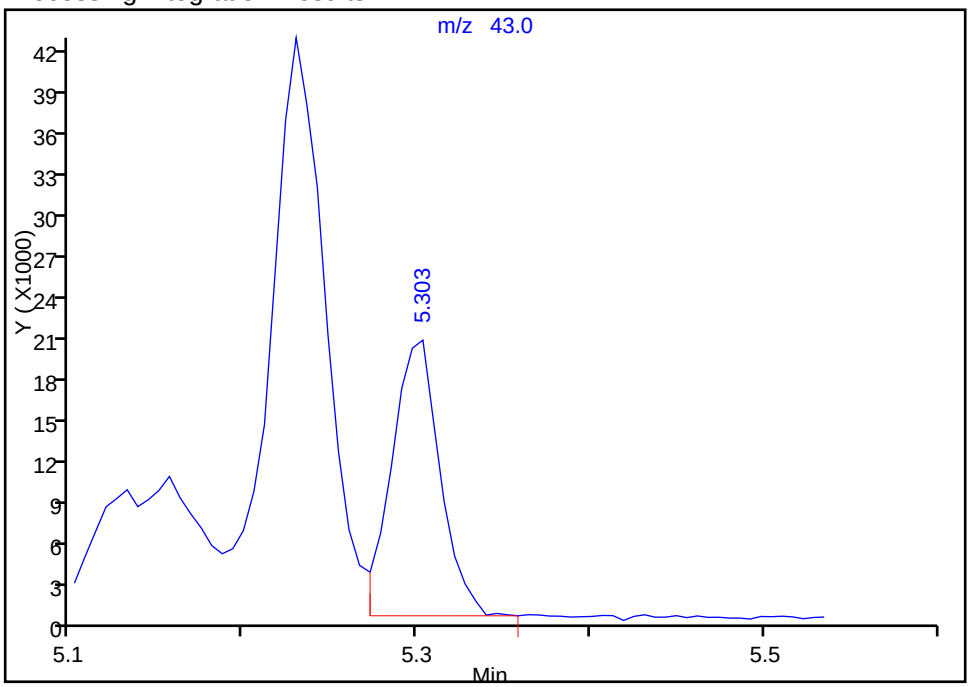
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03872.D
Injection Date: 24-May-2014 00:20:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 11 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isobutyl alcohol, CAS: 78-83-1

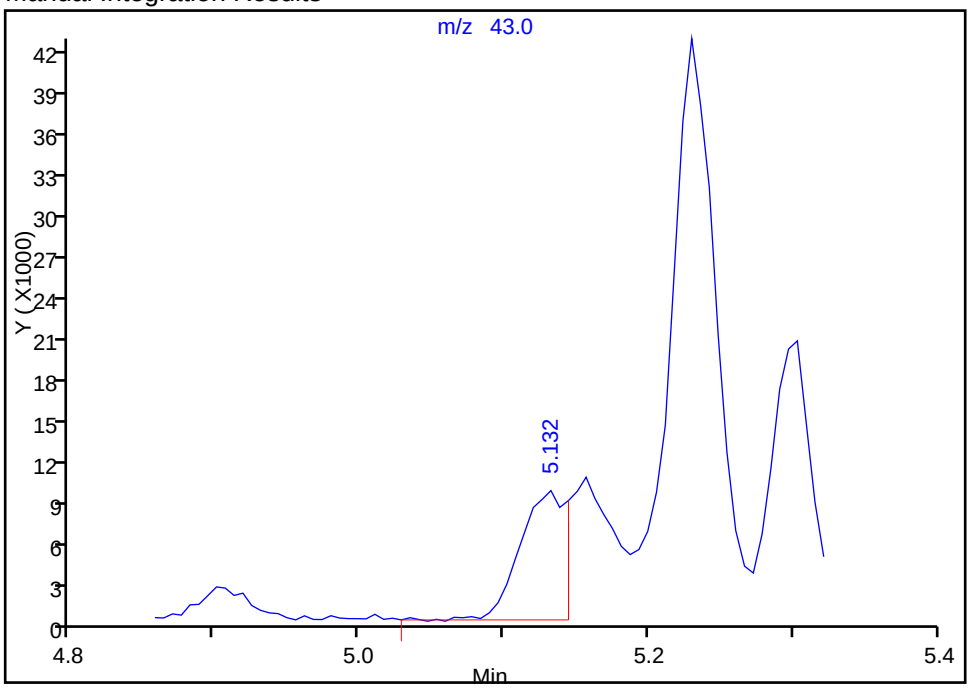
Processing Integration Results

RT: 5.30
Response: 38855
Amount: 262.5373



Manual Integration Results

RT: 5.13
Response: 21582
Amount: 124.3044



Reviewer: delpolitov, 27-May-2014 08:32:04
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Report Date: 27-May-2014 08:56:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-May-2014 00:40:30 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0013753-016
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2014 08:56:33 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: boykink Date: 24-May-2014 03:27:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.633	1.657	-0.024	54	1326	1.00	0.8107	
3 Dichlorodifluoromethane	85	1.676	1.688	-0.012	81	8298	1.00	0.9073	
4 Chloromethane	50	1.853	1.859	-0.006	83	11288	1.00	1.02	
6 Vinyl chloride	62	1.968	1.980	-0.012	74	8928	1.00	0.9315	
5 Butadiene	54	1.950	1.987	-0.037	89	7621	1.00	0.8432	
9 Bromomethane	94	2.292	2.310	-0.018	86	4681	1.00	0.99	
10 Chloroethane	64	2.365	2.395	-0.030	87	5438	1.00	1.01	
12 Dichlorofluoromethane	67	2.602	2.608	-0.006	78	12935	1.00	0.99	
13 Trichlorofluoromethane	101	2.621	2.627	-0.006	45	7900	1.00	0.9187	
11 Pentane	72	2.615	2.633	-0.018	91	2267	2.00	1.96	
16 Ethanol	46	2.852	2.846	0.006	77	2250	50.0	128.5	M
14 Ethyl ether	59	2.846	2.858	-0.012	79	6777	1.00	1.20	
15 2-Methyl-1,3-butadiene	67	2.865	2.877	-0.012	90	9394	1.00	0.9309	
8 1,2-Dichloro-1,1,2-trifluo	117	2.907	2.932	-0.025	1	3781	1.00	0.9403	
17 Acrolein	56	3.041	3.053	-0.012	37	2573	4.00	3.43	M
19 1,1,2-Trichloro-1,2,2-trif	101	3.054	3.066	-0.012	43	3796	1.00	0.7797	M
20 1,1-Dichloroethene	96	3.060	3.078	-0.018	80	5497	1.00	1.10	
21 Acetone	43	3.176	3.188	-0.012	53	17729	5.00	6.59	
22 Iodomethane	142	3.230	3.236	-0.006	99	7327	1.00	0.9446	
23 Carbon disulfide	76	3.261	3.267	-0.006	97	19801	1.00	1.02	
138 Isopropyl alcohol	45	3.297	3.279	0.018	40	4947	10.0	20.3	M
141 3-Chloro-1-propene	76	3.395	3.413	-0.018	83	3828	1.00	1.11	
25 Cyclopentene	67	3.419	3.425	-0.006	65	13414	1.00	0.8145	
24 Methyl acetate	43	3.419	3.431	-0.012	97	31639	5.00	5.27	
26 Acetonitrile	41	3.486	3.498	-0.012	61	8291	10.0	9.46	M
27 Methylene Chloride	84	3.535	3.541	-0.006	76	7118	1.00	1.20	
* 28 TBA-d9 (IS)	65	3.547	3.559	-0.012	90	481521	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.614	3.620	-0.006	22	8935	10.0	21.2	
30 Methyl tert-butyl ether	73	3.706	3.706	0.000	86	16310	1.00	0.9794	
31 trans-1,2-Dichloroethene	96	3.712	3.724	-0.012	83	5846	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.803	3.809	-0.006	94	26881	10.0	10.5	
33 Hexane	43	3.864	3.876	-0.012	88	6974	1.00	1.14	
34 Isopropyl ether	45	4.072	4.078	-0.006	86	20209	1.00	0.9269	
35 1,1-Dichloroethane	63	4.102	4.108	-0.006	84	10232	1.00	0.9573	
36 Vinyl acetate	43	4.114	4.120	-0.006	98	27726	2.00	2.09	
37 2-Chloro-1,3-butadiene	88	4.133	4.145	-0.012	79	4465	1.00	0.99	
39 Tert-butyl ethyl ether	59	4.352	4.364	-0.012	82	17024	1.00	0.9204	
40 2,2-Dichloropropane	77	4.553	4.547	0.006	52	7518	1.00	0.9502	
41 cis-1,2-Dichloroethene	96	4.559	4.565	-0.006	90	6045	1.00	1.11	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	89	3639	5.00	5.33	
38 Allyl alcohol	57	4.578	4.590	-0.012	1	1968	25.0	34.0	
42 Ethyl acetate	70	4.590	4.590	0.000	92	1087	2.00	2.10	M
44 Methyl acrylate	55	4.626	4.626	0.000	81	5654	1.00	1.10	
45 Propionitrile	54	4.694	4.699	-0.005	82	9001	10.0	10.8	
47 Chlorobromomethane	128	4.755	4.754	0.000	72	2395	1.00	1.04	
46 Tetrahydrofuran	42	4.767	4.767	0.001	36	5662	2.00	2.03	
48 Methacrylonitrile	67	4.779	4.785	-0.006	95	21831	10.0	9.33	
49 Chloroform	83	4.791	4.797	-0.006	79	9063	1.00	1.01	
50 Cyclohexane	56	4.901	4.913	-0.012	37	7108	1.00	0.6710	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	24	6668	1.00	0.9226	
$ 52 Dibromofluoromethane (Surr	113	4.919	4.925	-0.006	90	185994	50.0	48.0	
53 Carbon tetrachloride	117	5.011	5.016	-0.005	82	4421	1.00	0.7874	
54 1,1-Dichloropropene	75	5.035	5.041	-0.006	76	6231	1.00	0.9257	
57 Isobutyl alcohol	43	5.132	5.126	0.006	78	5738	25.0	32.9	M
155 Isooctane	57	5.163	5.163	0.000	96	14238	1.00	0.7301	
55 Benzene	78	5.193	5.199	-0.006	46	20213	1.00	0.9859	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.205	0.001	69	266678	50.0	45.8	
58 Isopropyl acetate	43	5.230	5.236	-0.006	86	17582	1.00	0.8916	
59 Tert-amyl methyl ether	73	5.236	5.242	-0.006	54	13726	1.00	0.7980	
60 1,2-Dichloroethane	62	5.267	5.266	0.001	63	7727	1.00	1.03	
61 n-Heptane	57	5.297	5.303	-0.006	80	2764	1.00	0.6838	
* 62 Fluorobenzene	96	5.413	5.419	-0.006	97	711243	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.578	5.577	0.001	87	17764	2.00	0.9879	
140 n-Butanol	56	5.632	5.626	0.006	68	4246	25.0	33.4	
64 Trichloroethene	95	5.687	5.693	-0.006	82	4418	1.00	0.9287	
65 Ethyl acrylate	55	5.779	5.791	-0.012	73	10503	1.00	0.7405	
66 Methylcyclohexane	83	5.791	5.797	-0.006	76	5225	1.00	0.6244	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	78	6088	1.00	1.08	
* 69 1,4-Dioxane-d8	96	5.974	5.968	0.006	52	31382	1000.0	1000.0	
68 Methyl methacrylate	100	5.968	5.974	-0.006	84	2174	2.00	1.90	
70 n-Propyl acetate	43	6.016	6.016	0.000	65	7096	1.00	0.8885	
71 1,4-Dioxane	88	6.023	6.022	0.001	3	2495	20.0	86.4	
72 Dibromomethane	93	6.041	6.041	0.000	73	3157	1.00	1.09	
73 Dichlorobromomethane	83	6.157	6.163	-0.006	86	5562	1.00	0.8980	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	75	2291	1.00	0.8340	
75 2-Nitropropane	41	6.455	6.461	-0.006	73	2024	2.00	1.57	
76 Epichlorohydrin	57	6.547	6.547	0.000	96	9527	20.0	20.8	
77 cis-1,3-Dichloropropene	75	6.583	6.589	-0.006	84	6549	1.00	0.9022	
78 4-Methyl-2-pentanone (MIBK	43	6.718	6.717	0.001	97	27174	5.00	4.63	
$ 79 Toluene-d8 (Surr)	98	6.785	6.784	0.001	97	717412	50.0	48.2	
80 Toluene	91	6.839	6.839	0.000	90	18818	1.00	0.9889	
81 trans-1,3-Dichloropropene	75	7.071	7.071	0.000	83	5982	1.00	0.99	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	83	5888	1.00	0.9045	
83 1,1,2-Trichloroethane	83	7.211	7.217	-0.006	83	3423	1.00	1.03	
84 Tetrachloroethene	166	7.248	7.254	-0.006	81	3214	1.00	0.8876	
85 1,3-Dichloropropane	76	7.352	7.351	0.001	87	6716	1.00	0.9766	
86 2-Hexanone	43	7.376	7.376	0.000	97	18361	5.00	4.97	
87 n-Butyl acetate	73	7.437	7.431	0.006	90	1209	1.00	1.04	
88 Chlorodibromomethane	129	7.492	7.492	0.000	81	3342	1.00	0.9429	
89 Ethylene Dibromide	107	7.589	7.589	0.000	85	3188	1.00	0.9421	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	90	438219	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	80	10438	1.00	0.9457	
92 Ethylbenzene	106	7.943	7.949	-0.006	97	5375	1.00	0.8536	
93 1,1,1,2-Tetrachloroethane	131	7.955	7.961	-0.006	74	3282	1.00	0.8474	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	6393	1.00	0.8301	
95 n-Butyl acrylate	73	8.242	8.241	0.001	90	3151	1.00	0.9013	
96 o-Xylene	106	8.278	8.284	-0.006	88	6734	1.00	0.8516	
97 Styrene	104	8.296	8.296	0.000	93	11510	1.00	0.8803	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	85	9816	1.00	0.9201	
99 Bromoform	173	8.431	8.437	-0.006	73	1935	1.00	0.9016	
100 Isopropylbenzene	105	8.492	8.491	0.001	96	15951	1.00	0.8006	
$ 101 4-Bromofluorobenzene	174	8.620	8.619	0.001	83	177869	50.0	48.9	
102 Camphene	41	8.638	8.638	0.000	82	1675	1.00	0.7478	
104 Bromobenzene	156	8.711	8.711	0.000	90	4354	1.00	1.01	
103 1,1,2,2-Tetrachloroethane	83	8.711	8.711	0.000	78	5740	1.00	1.06	
105 N-Propylbenzene	91	8.729	8.735	-0.006	88	22624	1.00	0.9051	
106 1,2,3-Trichloropropane	110	8.748	8.754	-0.006	77	1432	1.00	0.9884	
139 trans-1,4-Dichloro-2-buten	53	8.748	8.754	-0.006	49	1599	1.00	0.8749	
107 4-Ethyltoluene	105	8.796	8.802	-0.006	94	18191	1.00	0.8887	
108 2-Chlorotoluene	91	8.802	8.808	-0.006	88	17242	1.00	0.9312	
109 1,3,5-Trimethylbenzene	105	8.833	8.839	-0.006	73	14367	1.00	0.8277	
110 Butyl Methacrylate	87	8.870	8.869	0.001	87	4960	1.00	0.7376	
111 4-Chlorotoluene	91	8.870	8.875	-0.005	95	14550	1.00	0.9282	
112 tert-Butylbenzene	119	9.010	9.016	-0.006	88	10780	1.00	0.7960	
113 1,2,4-Trimethylbenzene	105	9.046	9.052	-0.006	96	14913	1.00	0.8406	
114 sec-Butylbenzene	105	9.138	9.144	-0.006	97	17040	1.00	0.8073	
115 4-Isopropyltoluene	119	9.211	9.217	-0.006	83	14720	1.00	0.8183	
116 1,3-Dichlorobenzene	146	9.235	9.241	-0.006	86	8608	1.00	0.9671	
* 117 1,4-Dichlorobenzene-d4	152	9.278	9.284	-0.006	97	228266	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.290	9.296	-0.006	67	9364	1.00	1.01	
119 Benzyl chloride	91	9.376	9.381	-0.005	91	8804	1.00	0.9183	
120 2,3-Dihydroindene	117	9.424	9.430	-0.006	92	19612	1.00	0.9391	
121 p-Diethylbenzene	119	9.437	9.442	-0.005	81	11297	1.00	0.9194	
122 n-Butylbenzene	92	9.455	9.461	-0.006	95	10504	1.00	0.9260	
123 1,2-Dichlorobenzene	146	9.522	9.528	-0.006	87	10055	1.00	1.11	
124 1,2,4,5-Tetramethylbenzene	119	9.943	9.948	-0.006	96	18028	1.00	1.05	
125 1,2-Dibromo-3-Chloropropan	75	10.052	10.052	0.000	58	1721	1.00	1.79	
126 1,3,5-Trichlorobenzene	180	10.144	10.150	-0.006	93	9168	1.00	1.34	
127 Camphor	95	10.570	10.582	-0.012	86	6274	5.00	14.7	
128 1,2,4-Trichlorobenzene	180	10.644	10.650	-0.006	91	12110	1.00	2.20	
129 Hexachlorobutadiene	225	10.717	10.729	-0.012	80	3387	1.00	1.25	
130 Naphthalene	128	10.875	10.881	-0.006	98	39642	1.00	3.22	
133 1,2,3-Trichlorobenzene	180	11.095	11.101	-0.006	89	16866	1.00	3.92	
S 136 1,2-Dichloroethene, Total	100				0			2.24	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.68	
S 147 Total BTEX	1				0			4.51	

QC Flag Legend

Review Flags
M - Manually Integrated

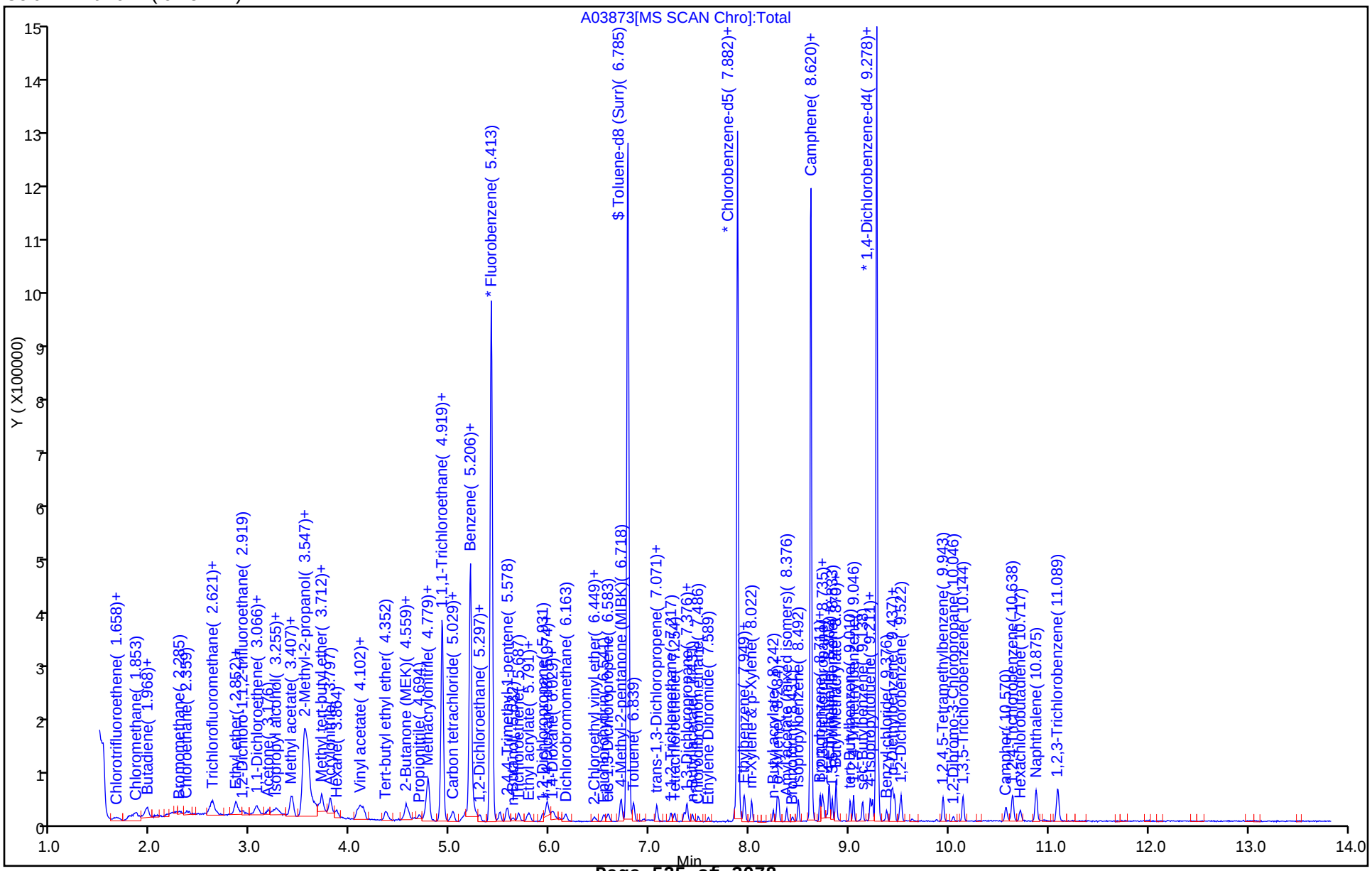
Report Date: 27-May-2014 08:56:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Injection Date:	24-May-2014 00:40:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD1			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

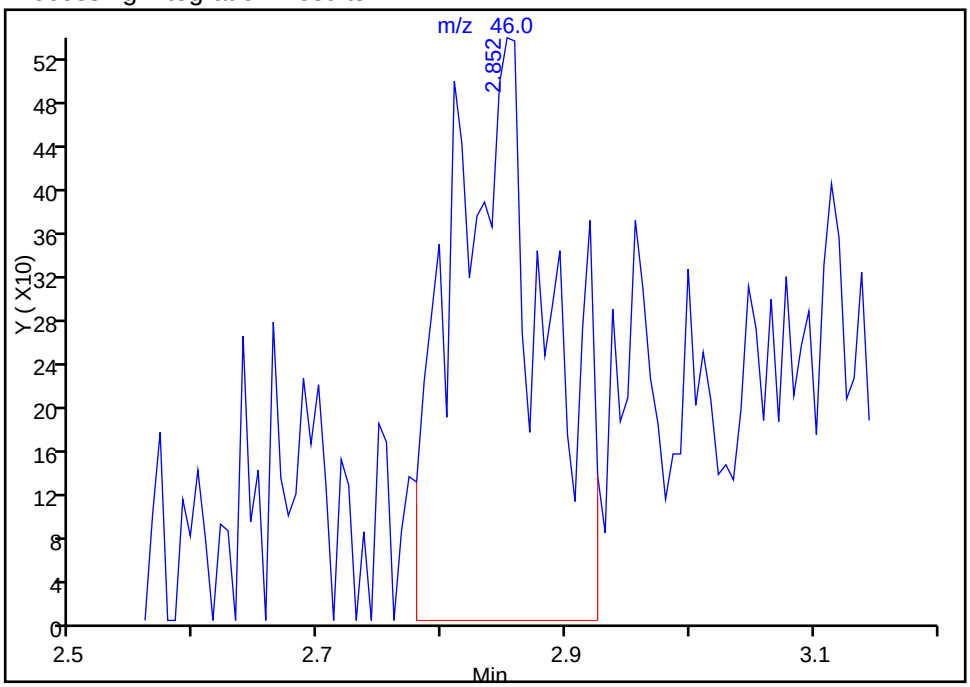
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

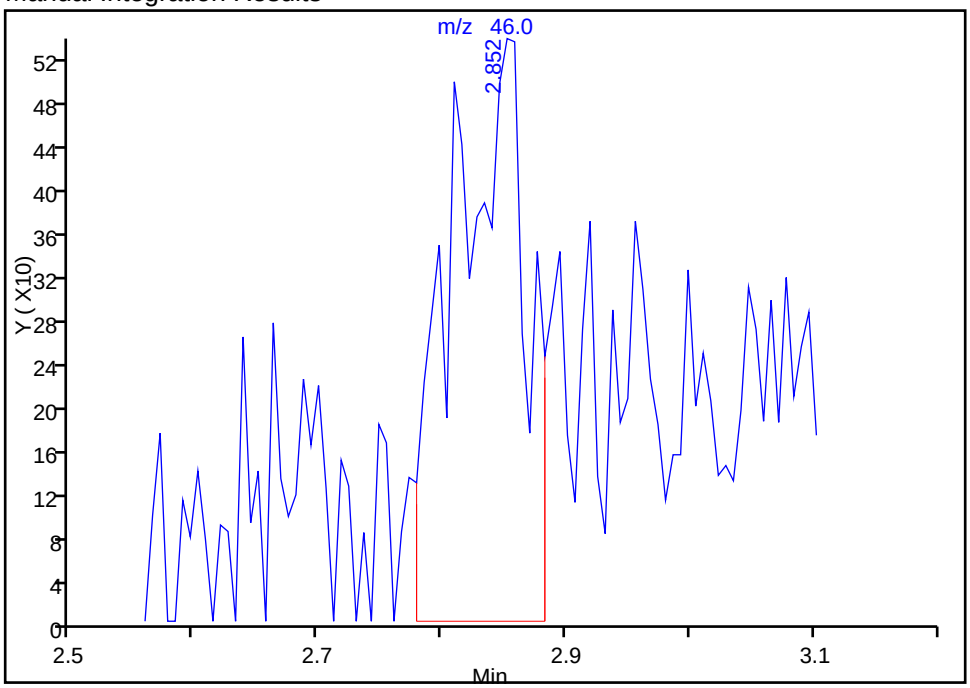
Processing Integration Results

RT: 2.85
Response: 2867
Amount: 25.492939



Manual Integration Results

RT: 2.85
Response: 2250
Amount: 128.5150



Reviewer: delpolitov, 27-May-2014 08:37:51
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

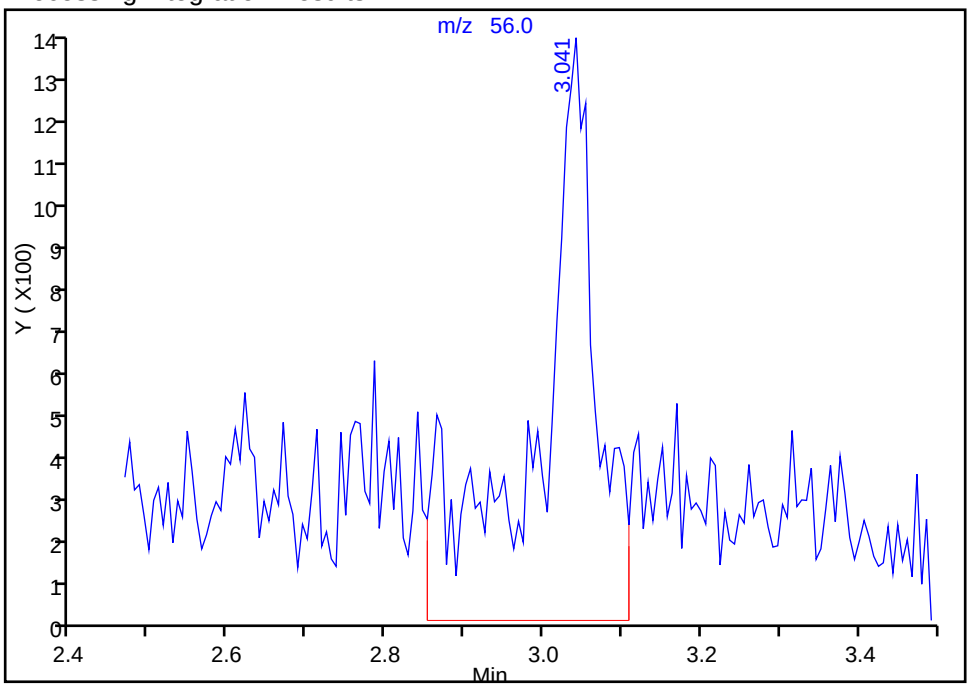
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 Acrolein, CAS: 107-02-8

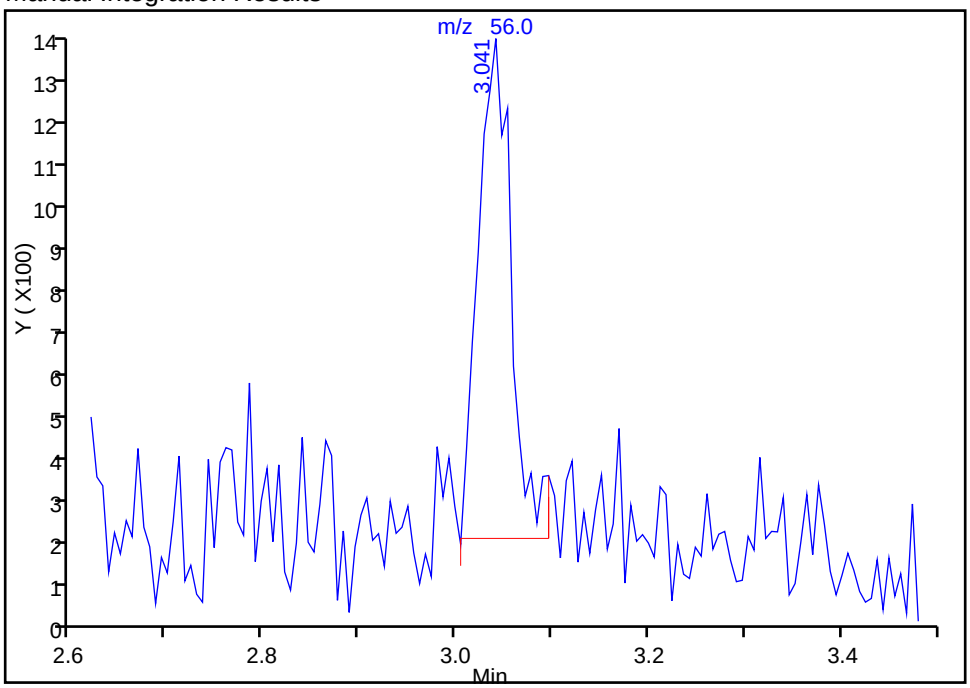
Processing Integration Results

RT: 3.04
Response: 6948
Amount: 3.991541



Manual Integration Results

RT: 3.04
Response: 2573
Amount: 3.434713



Reviewer: delpolitov, 27-May-2014 08:37:51
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

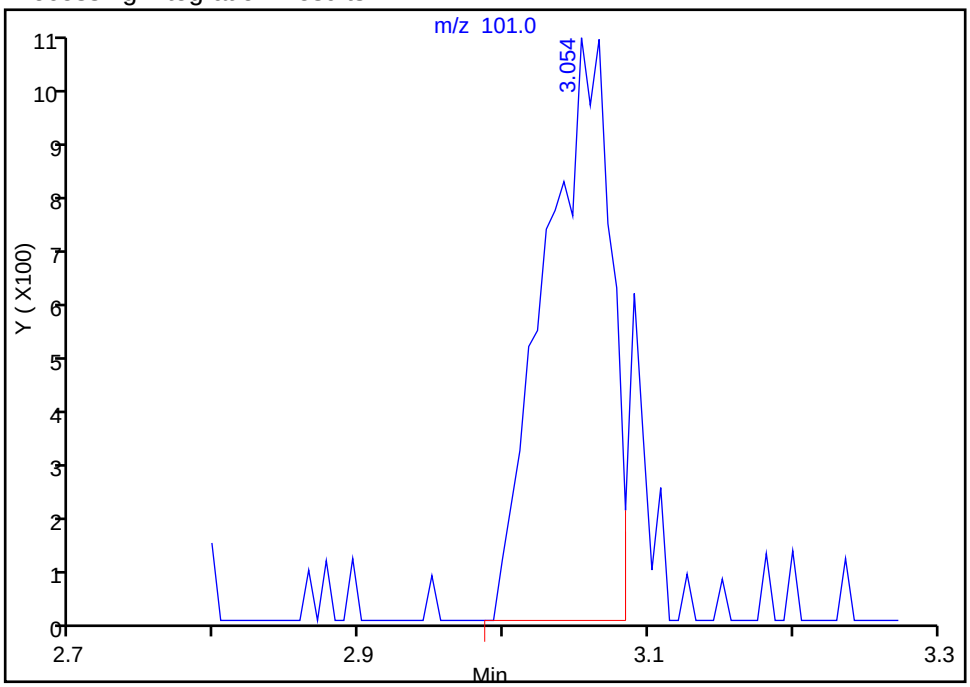
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

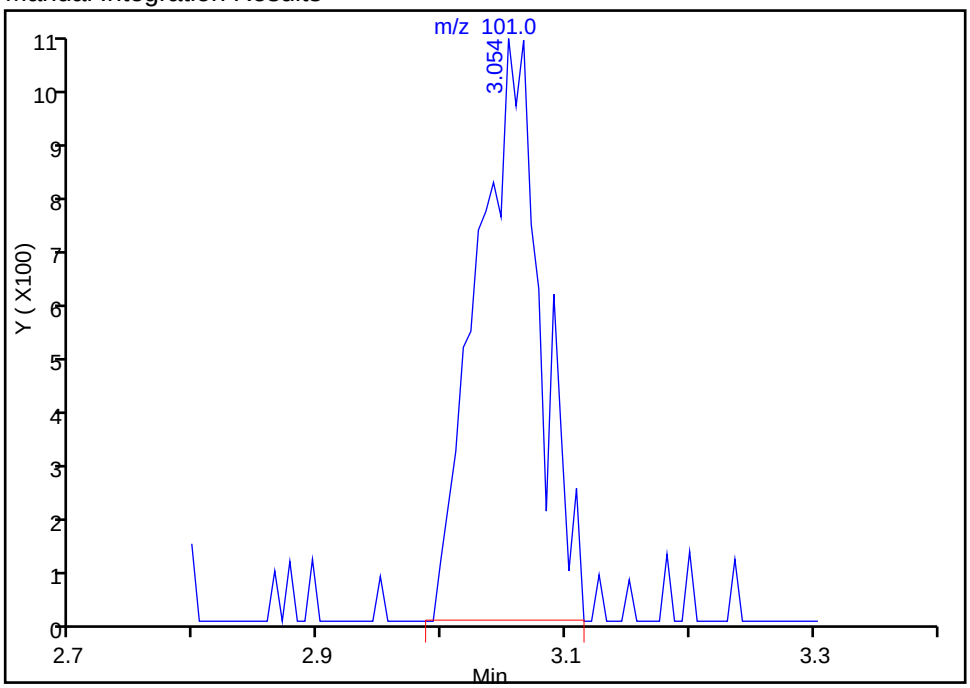
Processing Integration Results

RT: 3.05
Response: 3353
Amount: 1.004499



Manual Integration Results

RT: 3.05
Response: 3796
Amount: 0.779652



Reviewer: delpolitov, 27-May-2014 08:37:51
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

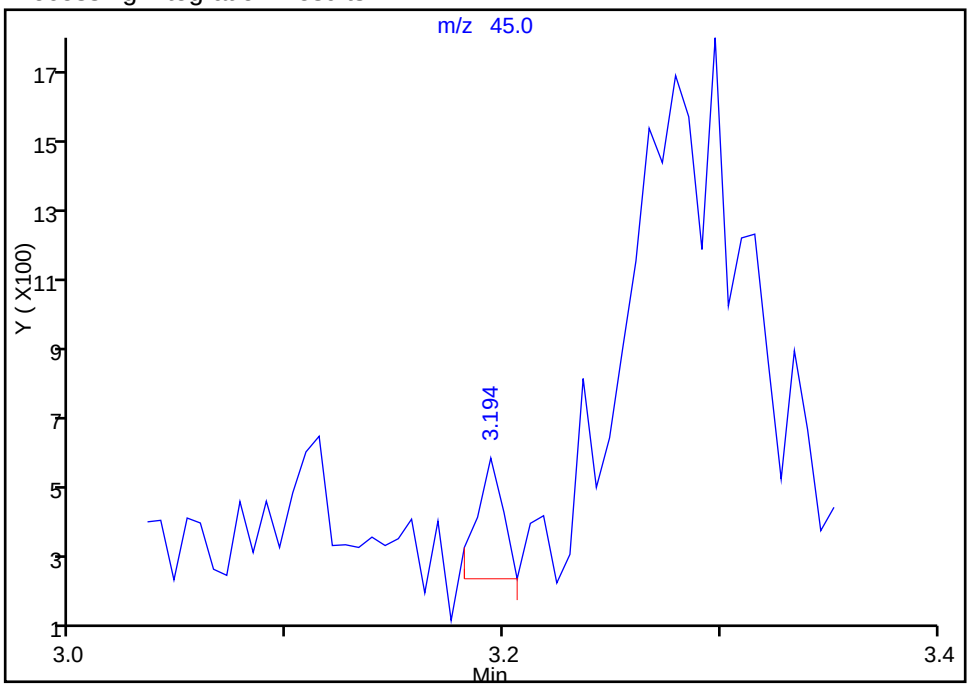
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

138 Isopropyl alcohol, CAS: 67-63-0

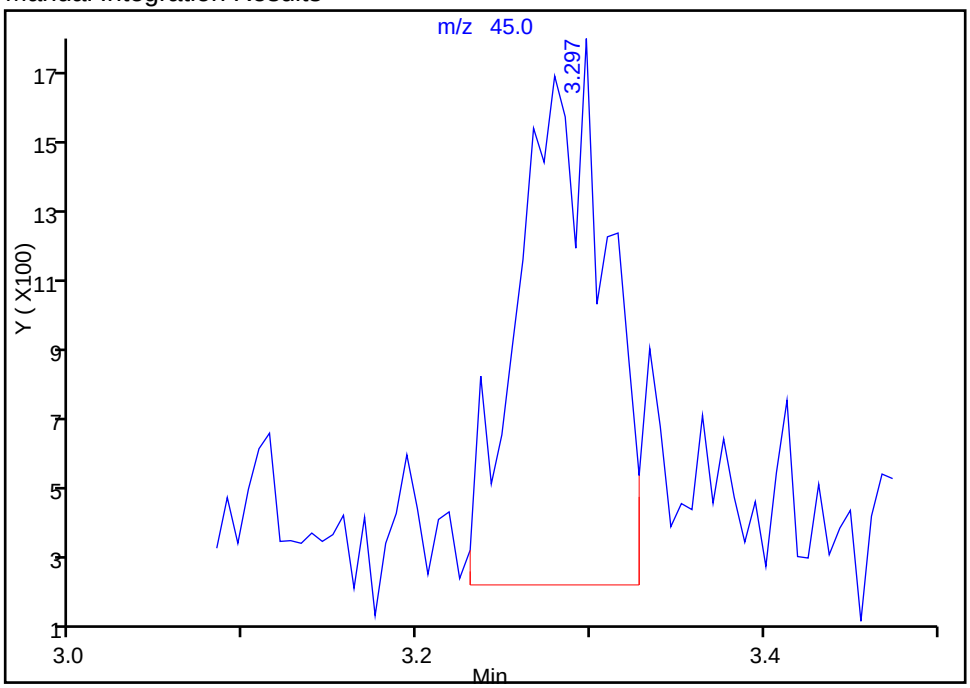
Processing Integration Results

RT: 3.19
Response: 268
Amount: -44.425715



Manual Integration Results

RT: 3.30
Response: 4947
Amount: 20.306634



Reviewer: delpolitov, 27-May-2014 08:34:40
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

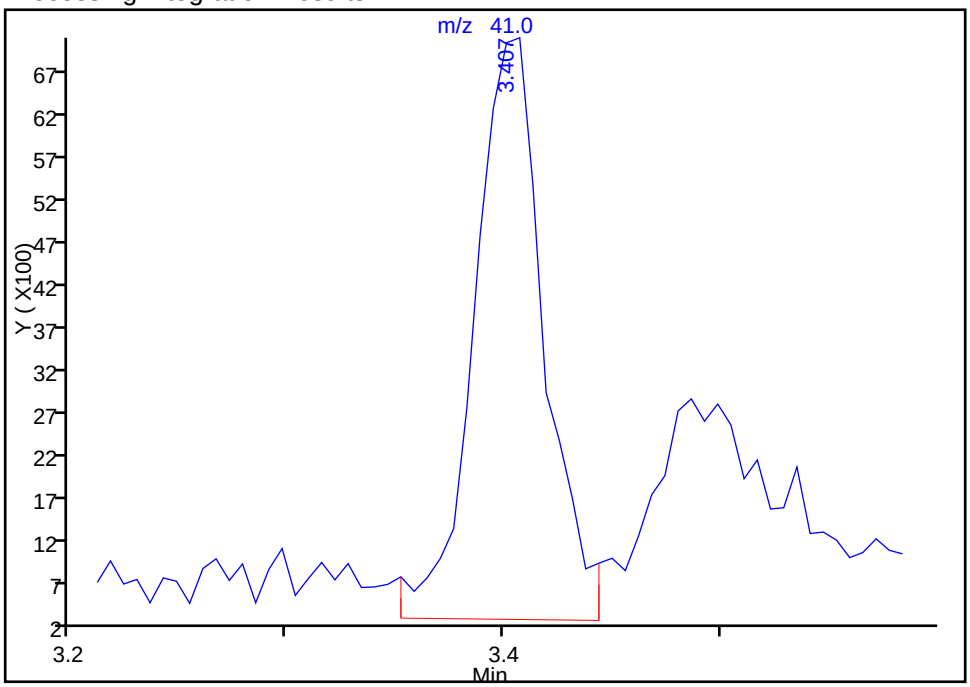
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

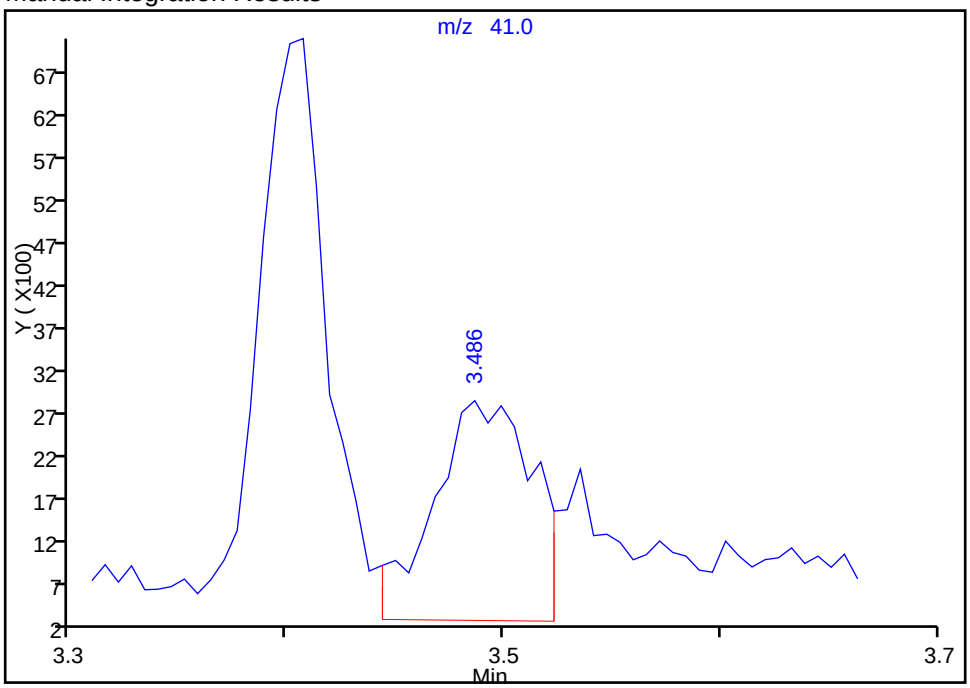
Processing Integration Results

RT: 3.41
Response: 15323
Amount: 18.521604



Manual Integration Results

RT: 3.49
Response: 8291
Amount: 9.459523



Reviewer: delpolitov, 27-May-2014 08:37:51
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

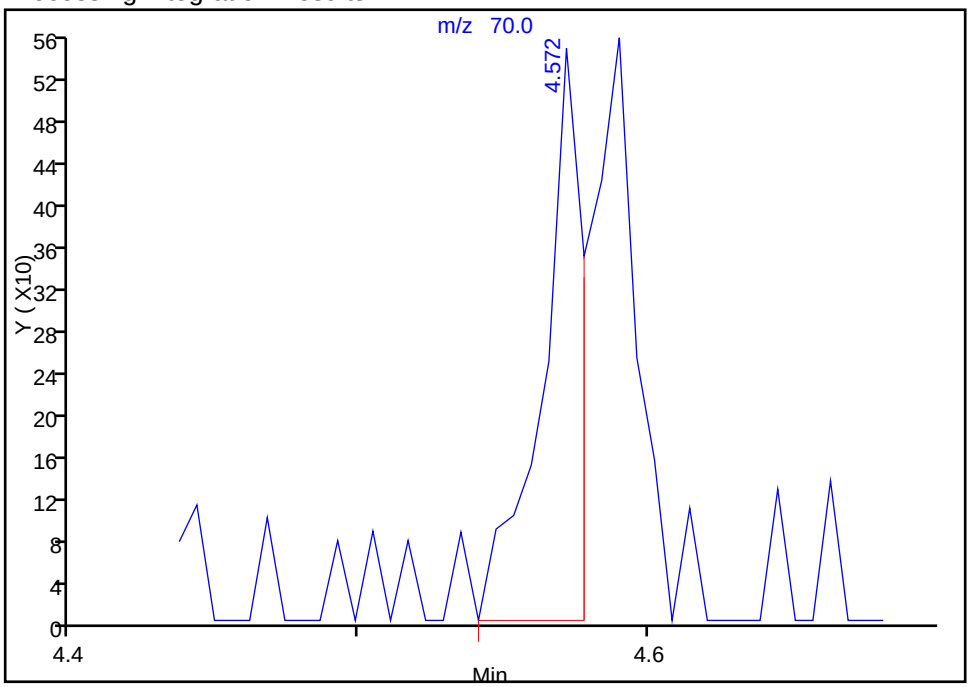
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Ethyl acetate, CAS: 141-78-6

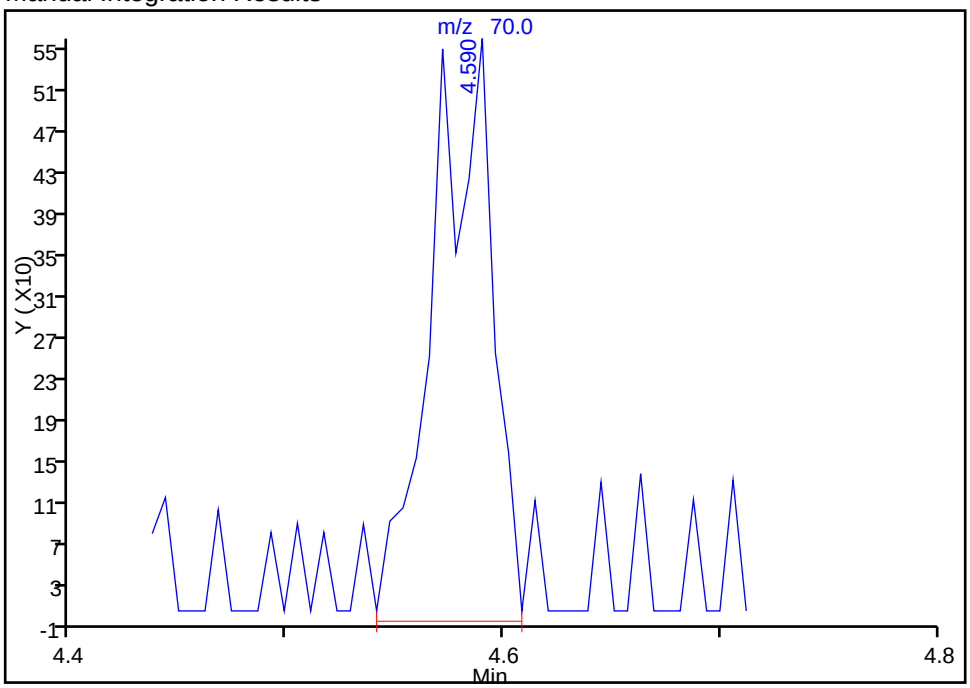
Processing Integration Results

RT: 4.57
Response: 539
Amount: 1.940949



Manual Integration Results

RT: 4.59
Response: 1087
Amount: 2.103038



Reviewer: delpolitov, 27-May-2014 08:34:40
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

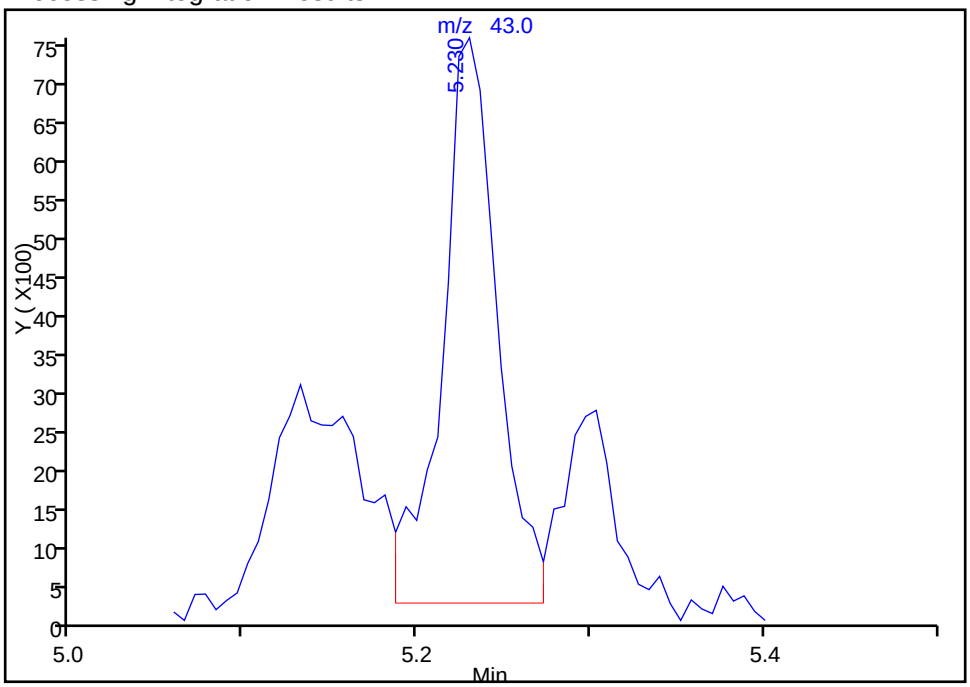
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D
Injection Date: 24-May-2014 00:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isobutyl alcohol, CAS: 78-83-1

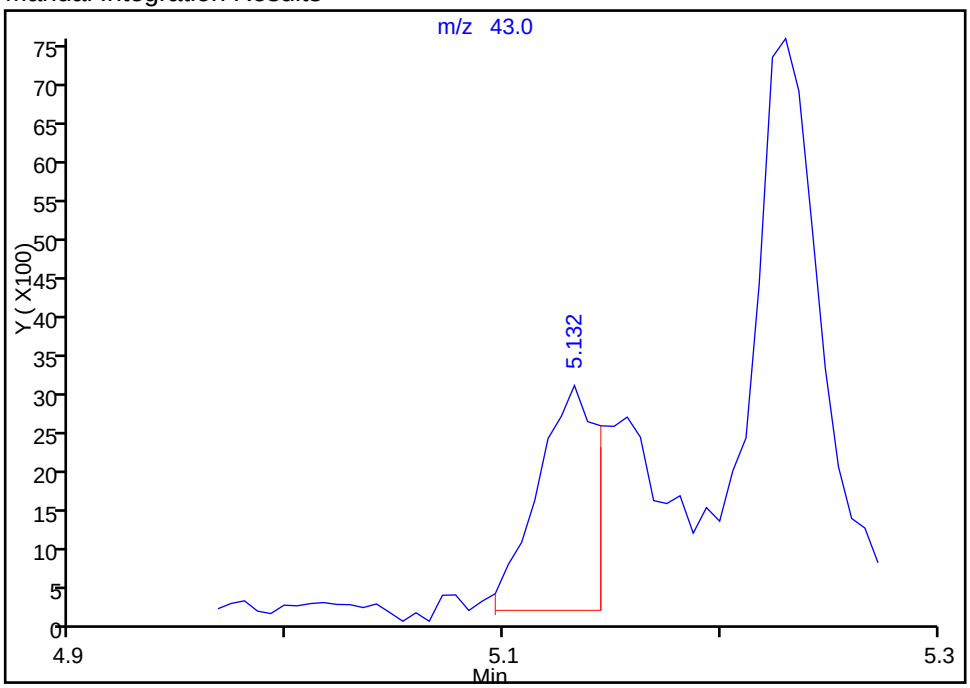
Processing Integration Results

RT: 5.23
Response: 16422
Amount: 148.9005



Manual Integration Results

RT: 5.13
Response: 5738
Amount: 32.887491



Reviewer: delpolitov, 27-May-2014 08:34:40
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-226928/16	B68830.D
Level 2	STD5 460-226928/5	B68819.D
Level 3	STD20 460-226928/6	B68820.D
Level 4	STD50 460-226928/7	B68821.D
Level 5	STD200 460-226928/8	B68822.D
Level 6	STD500 460-226928/9	B68823.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								
Chlorotrifluoroethene	0.0992 0.0883	0.0926	0.0963	0.0932	0.0894	Ave		0.0932				4.4		20.0			
Dichlorodifluoromethane	0.7873 0.6152	0.6992	0.6533	0.6731	0.6513	Ave		0.6799			0.1000	8.7		20.0			
Chloromethane	0.4334 0.2948	0.3529	0.3096	0.3230	0.3048	Ave		0.3364			0.1000	15.0		20.0			
Vinyl chloride	0.4713 0.3758	0.4181	0.3776	0.3991	0.3826	Ave		0.4041			0.1000	9.1		20.0			
Butadiene	0.3635 0.2759	0.2940	0.2662	0.2949	0.2853	Ave		0.2966				12.0		20.0			
Bromomethane	0.5516 0.2880	0.4154	0.3772	0.3610	0.3292	QuaF		0.3588	0		0.1000				1.0000		0.9900
Chloroethane	0.3166 0.2024	0.2650	0.2298	0.2255	0.2120	Ave		0.2419			0.1000	18.0		20.0			
Trichlorofluoromethane	0.8393 0.5389	0.7612	0.7099	0.6892	0.6245	Ave		0.6938			0.1000	15.0		20.0			
Dichlorofluoromethane	0.8552 0.6202	0.7776	0.7202	0.7164	0.6709	Ave		0.7268				11.0		20.0			
Pentane	0.0566 0.0440	0.0500	0.0521	0.0499	0.0467	Ave		0.0499				8.7		20.0			
Ethanol	0.0529 0.0313	0.0437	0.0406	0.0358	0.0293	QuaF		0.0293	0						0.9990		0.9900
Ethyl ether	0.2755 0.1831	0.2239	0.2129	0.2025	0.1885	Ave		0.2144				16.0		20.0			
2-Methyl-1,3-butadiene	0.3119 0.2266	0.2458	0.2514	0.2446	0.2345	Ave		0.2525				12.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.4153 0.2756	0.3612	0.3540	0.3341	0.3011	Ave		0.3402				14.0		20.0			
Acrolein	0.9842 0.6836	0.9105	0.8088	0.6728	0.7085	Ave		0.7948				16.0		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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								
Freon TF	0.3677 0.3359	0.3649	0.3883	0.3598	0.3383	Ave		0.3591			0.1000	5.5		20.0			
1,1-Dichloroethene	0.3292 0.2830	0.3041	0.3088	0.2911	0.2824	Ave		0.2998			0.1000	6.0		20.0			
Acetone	5.9776 2.7582	3.8400	3.5444	3.1670	2.9788	QuaF		3.1478	0		0.1000				1.0000		0.9900
Iodomethane	0.7731 0.6490	0.6669	0.6709	0.6439	0.6362	Ave		0.6733				7.5		20.0			
Carbon disulfide	0.9319 0.9304	0.7222	0.8034	0.8619	0.8987	Ave		0.8581			0.1000	9.6		20.0			
Isopropyl alcohol	0.4727 0.4435	0.4791	0.4814	0.4006	0.4294	Ave		0.4511				7.2		20.0			
Allyl chloride	0.1503 0.1494	0.1380	0.1438	0.1441	0.1482	Ave		0.1457				3.2		20.0			
Cyclopentene	0.6746 0.6411	0.5727	0.6427	0.6439	0.6427	Ave		0.6363				5.3		20.0			
Methyl acetate	0.1413 0.1062	0.1285	0.1226	0.1185	0.1123	Ave		0.1216			0.1000	10.0		20.0			
Acetonitrile	0.0186 0.0159	0.0227	0.0166	0.0177	0.0160	Ave		0.0179				14.0		20.0			
Methylene Chloride	0.3796 0.2816	0.3227	0.3076	0.2879	0.2805	Ave		0.3100			0.1000	12.0		20.0			
2-Methyl-2-propanol	1.5807 1.1604	1.1786	1.2138	1.1653	1.1838	Ave		1.2471				13.0		20.0			
MTBE	0.7371 0.7546	0.7112	0.7405	0.7474	0.7520	Ave		0.7405			0.1000	2.1		20.0			
trans-1,2-Dichloroethene	0.3883 0.2943	0.3015	0.3023	0.3022	0.2954	Ave		0.3140			0.1000	12.0		20.0			
Acrylonitrile	0.0557 0.0510	0.0542	0.0579	0.0550	0.0533	Ave		0.0545				4.3		20.0			
Hexane	0.1641 0.1201	0.1178	0.1350	0.1356	0.1307	Ave		0.1339				12.0		20.0			
1,1-Dichloroethane	0.5391 0.4816	0.5086	0.5142	0.5002	0.4871	Ave		0.5051			0.2000	4.1		20.0			
Isopropyl ether	0.5648 0.5575	0.5293	0.5673	0.6005	0.5750	Ave		0.5657				4.1		20.0			
2-Chloro-1,3-butadiene	0.2005 0.2615	0.2168	0.2520	0.2602	0.2604	Ave		0.2419				11.0		20.0			
Vinyl acetate	0.3487 0.2639	0.4294	0.4416	0.4758	0.4549	Ave		0.4024				20.0		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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								
Allyl alcohol	0.0264 0.1075	0.0703	0.1101	0.1107	0.0944	QuaF		0.0893	0						0.9990		0.9900
Tert-butyl ethyl ether	0.6356 0.7102	0.6337	0.6554	0.7072	0.7003	Ave		0.6737				5.4		20.0			
2,2-Dichloropropane	0.5960 0.5127	0.4702	0.5143	0.5178	0.5240	Ave		0.5225				7.8		20.0			
cis-1,2-Dichloroethene	0.3283 0.3141	0.2885	0.3112	0.3200	0.3148	Ave		0.3128			0.1000	4.3		20.0			
2-Butanone	0.9797 1.1839	1.0639	1.2895	1.2496	1.2666	Ave		1.1722			0.1000	11.0		20.0			
Ethyl acetate	1.0169 1.0303	0.9161	1.0459	1.1062	1.0939	Ave		1.0349				6.6		20.0			
Methyl acrylate	0.0858 0.1373	0.1442	0.1315	0.1374	0.1411	Ave		0.1295				17.0		20.0			
Propionitrile	1.2188 1.1372	1.3114	1.2463	1.2623	1.2222	Ave		1.2330				4.7		20.0			
Bromochloromethane	0.1698 0.1706	0.1611	0.1762	0.1681	0.1707	Ave		0.1694				2.9		20.0			
Tetrahydrofuran	0.8936 1.2547	0.9861	1.3216	1.2856	1.3437	Ave		1.1809				16.0		20.0			
Methacrylonitrile	0.0636 0.0717	0.0770	0.0775	0.0778	0.0737	Ave		0.0735				7.4		20.0			
Chloroform	0.7248 0.5926	0.6691	0.6618	0.6377	0.6113	Ave		0.6495			0.2000	7.2		20.0			
Cyclohexane	0.3151 0.3518	0.2977	0.3740	0.3786	0.3685	Ave		0.3476			0.1000	9.7		20.0			
1,1,1-Trichloroethane	0.6667 0.6061	0.5916	0.6208	0.6336	0.6268	Ave		0.6243			0.1000	4.1		20.0			
Carbon tetrachloride	0.6281 0.5616	0.5039	0.5634	0.5709	0.5801	Ave		0.5680			0.1000	7.0		20.0			
1,1-Dichloropropene	0.4088 0.3887	0.3282	0.3785	0.3932	0.3959	Ave		0.3822				7.4		20.0			
Benzene	1.1330 1.0413	1.0448	1.0402	1.0379	1.0130	Ave		1.0517			0.5000	3.9		20.0			
Isobutyl alcohol	0.4152 0.4565	0.2580	0.4565	0.4802	0.4839	Ave		0.4251				20.0		20.0			
Tert-amyl methyl ether	0.6649 0.8077	0.7027	0.7619	0.8031	0.7987	Ave		0.7565				7.9		20.0			
1,2-Dichloroethane	0.5530 0.4564	0.5503	0.5354	0.5149	0.4841	Ave		0.5157			0.1000	7.5		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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								
Isopropyl acetate	0.4457 0.4973	0.4912	0.5231	0.5330	0.5224	Ave		0.5021				6.4		20.0			
n-Heptane	0.1073 0.0883	0.0779	0.0980	0.0998	0.0973	Ave		0.0948				11.0		20.0			
2,4,4-Trimethyl-1-pentene	0.3425 0.3825	0.2769	0.3829	0.4098	0.4103	Ave		0.3675				14.0		20.0			
Trichloroethene	0.3405 0.3598	0.3208	0.3317	0.3383	0.3335	Ave		0.3374			0.2000	3.8		20.0			
n-Butanol	0.1414 0.2075	0.1487	0.1617	0.1789	0.1950	Ave		0.1722				15.0		20.0			
Methylcyclohexane	0.3417 0.3574	0.2793	0.3732	0.3824	0.3822	Ave		0.3527			0.1000	11.0		20.0			
Ethyl acrylate	0.1462 0.2454	0.1975	0.2069	0.2325	0.2462	Ave		0.2124				18.0		20.0			
1,2-Dichloropropane	0.2452 0.2399	0.2517	0.2455	0.2494	0.2442	Ave		0.2460			0.1000	1.7		20.0			
Dibromomethane	0.2155 0.1969	0.2210	0.2191	0.2098	0.2044	Ave		0.2111				4.4		20.0			
Methyl methacrylate	0.0437 0.0616	0.0525	0.0570	0.0622	0.0613	Ave		0.0564				13.0		20.0			
1,4-Dioxane	0.8047 0.8122	1.1180	1.1275	1.1517	0.8415	Ave		0.9759				18.0		20.0			
n-Propyl acetate	0.2043 0.2320	0.2137	0.2208	0.2400	0.2381	Ave		0.2248				6.4		20.0			
Bromodichloromethane	0.4241 0.4876	0.4164	0.4499	0.4711	0.4907	Ave		0.4566			0.2000	7.0		20.0			
2-Nitropropane	0.0378 0.0539	0.0413	0.0397	0.0468	0.0548	Ave		0.0457				16.0		20.0			
2-Chloroethyl vinyl ether	0.0797 0.1368	0.0977	0.1128	0.1317	0.1395	QuaF		0.1393	0						1.0000		0.9900
Epichlorohydrin	0.0125 0.0172	0.0142	0.0163	0.0175	0.0173	Ave		0.0158				13.0		20.0			
cis-1,3-Dichloropropene	0.3562 0.4969	0.3665	0.4271	0.4723	0.4854	Ave		0.4341			0.2000	14.0		20.0			
4-Methyl-2-pentanone	0.1347 0.1755	0.1573	0.1822	0.1893	0.1804	Ave		0.1699			0.1000	12.0		20.0			
Toluene	1.4101 1.2625	1.2566	1.2514	1.2690	1.2399	Ave		1.2816			0.4000	5.0		20.0			
trans-1,3-Dichloropropene	0.3498 0.4637	0.3346	0.3789	0.4277	0.4545	Ave		0.4015			0.1000	14.0		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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								
Ethyl methacrylate	0.1862 0.3379	0.2065	0.2815	0.3221	0.3316	QuaF		0.3253	0						1.0000		0.9900
1,1,2-Trichloroethane	0.2338 0.2051	0.2218	0.2272	0.2264	0.2109	Ave		0.2209			0.1000	4.9		20.0			
Tetrachloroethene	0.3864 0.3786	0.3315	0.3650	0.3722	0.3666	Ave		0.3667			0.2000	5.2		20.0			
1,3-Dichloropropane	0.4255 0.4372	0.4388	0.4519	0.4619	0.4436	Ave		0.4431				2.8		20.0			
2-Hexanone	0.0910 0.1318	0.1069	0.1354	0.1444	0.1344	Ave		0.1240			0.1000	17.0		20.0			
Dibromochloromethane	0.2789 0.4073	0.2929	0.3371	0.3613	0.3904	Ave		0.3446			0.1000	15.0		20.0			
n-Butyl acetate	0.0375 0.0569	0.0455	0.0482	0.0557	0.0553	Ave		0.0499				15.0		20.0			
Ethylene Dibromide	0.2752 0.3013	0.2851	0.2938	0.3051	0.2992	Ave		0.2933			0.1000	3.8		20.0			
Chlorobenzene	1.1758 0.9311	1.0498	1.0062	0.9943	0.9386	Ave		1.0160			0.5000	8.9		20.0			
Ethylbenzene	0.5228 0.4897	0.4700	0.5165	0.5286	0.4925	Ave		0.5033			0.1000	4.5		20.0			
1,1,1,2-Tetrachloroethane	0.3945 0.4090	0.3704	0.3878	0.4046	0.4050	Ave		0.3952				3.7		20.0			
m-Xylene & p-Xylene	0.5715 0.6124	0.5430	0.6363	0.6577	0.6219	Ave		0.6071			0.1000	7.0		20.0			
o-Xylene	0.4869 0.6113	0.5137	0.6339	0.6615	0.6304	Ave		0.5896			0.3000	12.0		20.0			
n-Butyl acrylate	0.1454 0.2269	0.1852	0.2325	0.2548	0.2369	Ave		0.2136				19.0		20.0			
Styrene	0.8036 1.0294	0.9529	1.1422	1.1524	1.0712	Ave		1.0253			0.3000	13.0		20.0			
Bromoform	0.2036 0.2635	0.1907	0.2089	0.2292	0.2516	Ave		0.2246			0.1000	13.0		20.0			
Amyl acetate (mixed isomers)	0.3874 0.7080	0.5109	0.5943	0.6991	0.7025	QuaF		0.6961	0						1.0000		0.9900
Isopropylbenzene	1.3421 1.5600	1.4542	1.8309	1.8868	1.8013	Ave		1.6459			0.1000	14.0		20.0			
Camphene	0.1305 0.0866	0.1022	0.1070	0.1061	0.0965	Ave		0.1048				14.0		20.0			
Bromobenzene	0.7378 0.6948	0.6486	0.6859	0.7191	0.6940	Ave		0.6967				4.4		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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	0.5612 0.4432	0.5388	0.5407	0.5683	0.5281	Ave		0.5300			0.3000	8.5		20.0			
N-Propylbenzene	2.7222 2.3135	2.5193	2.9818	3.0838	2.9246	Ave		2.7575				11.0		20.0			
1,2,3-Trichloropropane	0.1900 0.1716	0.1964	0.1899	0.1891	0.1774	Ave		0.1857				5.0		20.0			
trans-1,4-Dichloro-2-butene	0.1357 0.1519	0.1133	0.1399	0.1554	0.1548	Ave		0.1418				11.0		20.0			
2-Chlorotoluene	2.1587 2.0918	2.1726	2.3304	2.3777	2.2174	Ave		2.2248				4.9		20.0			
4-Ethyltoluene	2.2017 2.2543	2.4456	2.6932	2.7601	2.6119	Ave		2.4944				9.3		20.0			
1,3,5-Trimethylbenzene	1.7786 2.0670	1.9235	2.2834	2.3641	2.3244	Ave		2.1235				11.0		20.0			
4-Chlorotoluene	2.2175 2.1483	2.0985	2.2603	2.2551	2.1176	Ave		2.1829				3.2		20.0			
Butyl Methacrylate	0.3994 0.7707	0.5288	0.6539	0.7699	0.7784	QuaF		0.7784	0						1.0000		0.9900
tert-Butylbenzene	1.3371 1.7972	1.3575	1.7825	1.8766	1.8584	Ave		1.6682				15.0		20.0			
1,2,4-Trimethylbenzene	1.8667 2.1389	2.0514	2.5128	2.5569	2.4626	Ave		2.2649				13.0		20.0			
sec-Butylbenzene	1.9432 2.2111	1.9863	2.5155	2.6426	2.5316	Ave		2.3050				13.0		20.0			
1,3-Dichlorobenzene	1.3077 1.2415	1.3237	1.3937	1.3938	1.2748	Ave		1.3225			0.6000	4.7		20.0			
4-Isopropyltoluene	1.7528 2.0295	1.7673	2.3059	2.3839	2.2328	Ave		2.0787				13.0		20.0			
1,4-Dichlorobenzene	1.6881 1.2776	1.4621	1.4368	1.4417	1.3187	Ave		1.4375			0.5000	10.0		20.0			
Benzyl chloride	0.7439 1.1776	0.7858	0.9061	1.0753	1.1367	Ave		0.9709				19.0		20.0			
Indan	2.0412 2.1065	2.4367	2.6047	2.6204	2.4346	Ave		2.3740				10.0		20.0			
p-Diethylbenzene	1.1205 1.2304	1.2113	1.3871	1.4155	1.3177	Ave		1.2804				8.8		20.0			
n-Butylbenzene	2.4685 2.1190	2.3626	2.6784	2.6451	2.3823	Ave		2.4427				8.4		20.0			
1,2-Dichlorobenzene	1.4438 1.2494	1.4038	1.4321	1.4090	1.3020	Ave		1.3733			0.4000	5.7		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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								
1,2,4,5-Tetramethylbenzene	1.4301 2.0624	1.6914	2.1873	2.4328	2.3735	Ave		2.0296				19.0		20.0			
1,2-Dibromo-3-Chloropropane	0.0977 0.1167	0.0991	0.0963	0.1076	0.1115	Ave		0.1048			0.0500	8.0		20.0			
1,3,5-Trichlorobenzene	1.1043 0.8980	0.9804	1.0250	1.0600	0.9638	Ave		1.0053				7.3		20.0			
Camphor	0.0367 0.0750	0.0359	0.0405	0.0532	0.0583	QuaF		0.0474	0						1.0000		0.9900
1,2,4-Trichlorobenzene	1.0653 0.8235	0.7833	0.9084	0.9517	0.8809	Ave		0.9022			0.2000	11.0		20.0			
Hexachlorobutadiene	0.5290 0.3143	0.3087	0.3487	0.3540	0.3338	QuaF		0.3483	0						1.0000		0.9900
Naphthalene	1.2738 1.7063	1.0522	1.4356	1.6875	1.6531	Ave		1.4681				18.0		20.0			
1,2,3-Trichlorobenzene	1.0115 0.6558	0.5456	0.6555	0.6986	0.6581	QuaF		0.6648	0						1.0000		0.9900
Dibromofluoromethane (Surr)	0.3476 0.3430	0.3518	0.3525	0.3492	0.3499	Ave		0.3490				1.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4309 0.4176	0.4489	0.4384	0.4378	0.4240	Ave		0.4329				2.6		20.0			
Toluene-d8 (Surr)	1.1363 1.1642	1.1492	1.1432	1.1651	1.1459	Ave		1.1506				1.0		20.0			
Bromofluorobenzene	0.4753 0.4791	0.4822	0.4948	0.4974	0.4776	Ave		0.4844				1.9		20.0			

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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-226928/16	B68830.D
Level 2	STD5 460-226928/5	B68819.D
Level 3	STD20 460-226928/6	B68820.D
Level 4	STD50 460-226928/7	B68821.D
Level 5	STD200 460-226928/8	B68822.D
Level 6	STD500 460-226928/9	B68823.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
Chlorotrifluoroethene	FB	Ave	1217 792547	5823	26388	69738	296589	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	9658 5521475	43949	179103	503565	2161731	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5317 2646143	22183	84871	241671	1011637	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5782 3372678	26281	103502	298615	1269781	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4459 2476429	18478	72972	220641	946952	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	6766 2584667	26108	103390	270093	1092604	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3884 1816984	16659	63001	168710	703666	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	10296 4836762	47844	194603	515591	2072723	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	10491 5566808	48879	197442	535985	2226621	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1388 789329	6285	28590	74665	310269	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	525 235698	2262	9004	21829	77766	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	3379 1643381	14076	58374	151466	625717	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3826 2034206	15451	68926	183018	778196	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	5094 2473892	22703	97034	249983	999389	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	782 82432	3769	7178	16418	37662	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	4510 3014763	22934	106443	269168	1122963	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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
1,1-Dichloroethene	FB	Ave	4038 2540410	19116	84641	217774	937467	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	5937 2078629	19869	78636	193191	791738	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	9484 5824589	41915	183901	481730	2111631	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11432 8350757	45392	220235	644821	2983016	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	Ave	939 668511	4958	21361	48879	228260	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	1844 1341234	8675	39425	107830	491888	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	8275 5754023	35998	176174	481709	2133218	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	8667 4765620	40376	168085	443450	1863358	5.00 2500	25.0	100	250	1000
Acetonitrile	FB	Ave	2284 1428632	14252	45468	132732	529883	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4657 2527785	20286	84335	215412	931113	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	Ave	3140 1749026	12197	53858	142169	629275	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	9042 6772533	44704	202995	559165	2496034	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4763 2641781	18952	82873	226094	980621	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	6838 4575161	34081	158752	411181	1770221	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	2013 1078000	7406	37018	101476	433698	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6613 4322446	31970	140947	374238	1616892	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	6928 5004087	33268	155515	449223	1908343	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	2459 2346907	13625	69070	194633	864144	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	8556 4737899	53976	242115	711850	3019843	2.00 1000	10.0	40.0	100	400
Allyl alcohol	TBA	QuaF	131 405112	1819	12215	33751	125421	25.0 12500	125	500	1250	5000
Tert-butyl ethyl ether	FB	Ave	7797 6374328	39832	179653	529054	2324331	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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
2,2-Dichloropropane	FB	Ave	7311 4601453	29555	140990	387409	1739060	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4027 2818773	18133	85310	239426	1044907	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	973 892254	5505	28609	76225	336639	5.00 2500	25.0	100	250	1000
Ethyl acetate	TBA	Ave	404 310585	1896	9282	26992	116303	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	1052 1232420	9066	36044	102799	468273	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	2421 1713984	13571	55299	154001	649727	10.0 5000	50.0	200	500	2000
Bromochloromethane	FB	Ave	2083 1530982	10124	48312	125738	566451	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	TBA	Ave	355 378244	2041	11728	31369	142854	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	7800 6432012	48387	212439	582368	2446080	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	8891 5319003	42054	181407	477073	2029000	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3865 3157194	18714	102512	283255	1223111	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8178 5439902	37188	170192	474031	2080548	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7705 5040445	31671	154454	427082	1925435	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5015 3488992	20628	103772	294144	1314076	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	13025 9018797	64155	285768	776115	3357147	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	2062 1720281	6676	50637	146474	643066	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	8156 7248987	44169	208858	600817	2651077	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6783 4096476	34592	146764	385199	1606863	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	5467 4463824	30874	143393	398774	1733977	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1316 792931	4895	26852	74689	323087	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	8403 6865496	34808	209912	613178	2723868	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
Trichloroethene	FB	Ave	4177 3228935	20162	90923	253111	1106862	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	Ave	702 781835	3847	17935	54559	259131	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	4192 3207397	17558	102311	286061	1268686	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	1793 2202144	12417	56723	173916	817194	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3008 2153477	15818	67307	186581	810487	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2643 1767538	13889	60075	156950	678497	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1073 1105929	6597	31260	93009	406951	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	602 301886	1878	8798	26536	98037	50.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Ave	2506 2082356	13431	60535	179542	790253	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5203 4376606	26171	123330	352435	1628592	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	927 967417	5197	21761	69997	363555	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	978 1227998	6140	30922	98534	463055	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	2878 2980879	17428	89410	261676	1143904	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4095 4304091	22508	117341	353194	1608762	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	7741 7600240	48300	250304	707634	2989391	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	16210 10934730	77165	343786	948914	4109084	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4021 4015816	20544	104092	319859	1506297	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	QuaF	2141 2926824	12679	77339	240889	1099120	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2688 1776835	13621	62426	169311	698994	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4442 3279029	20355	100268	278296	1214987	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4891 3786569	26945	124153	345395	1470073	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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
2-Hexanone	CBZ	Ave	5233 5708269	32825	185977	540061	2227015	5.00 2500	25.0	100	250	1000
Dibromochloromethane	CBZ	Ave	3206 3527308	17983	92613	270148	1293743	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	431 492902	2797	13229	41644	183330	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	3164 2609520	17506	80700	228118	991602	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	13517 8064275	64462	276422	743544	3110617	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6010 4241139	28859	141896	395285	1632170	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4535 3542778	22743	106536	302587	1342384	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	6570 5303716	33344	174788	491842	2061133	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	5597 5294634	31543	174131	494621	2089322	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	1672 1965279	11375	63868	190528	784983	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	9238 8916051	58515	313780	861718	3550073	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2340 2282326	11711	57389	171361	833865	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	QuaF	3335 4138112	23790	122796	378870	1619133	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	15429 13511967	89295	502964	1410904	5969660	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1500 750279	6275	29383	79370	319766	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	6352 4060799	30200	141737	389728	1599443	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4831 2590295	25087	111730	307973	1217058	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	23435 13521731	117306	616124	1671276	6740300	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1636 1002778	9144	39244	102486	408825	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1168 887684	5275	28904	84231	356773	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	18584 12226449	101160	481529	1288625	5110407	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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
4-Ethyltoluene	DCB	Ave	18954 13175823	113871	556492	1495845	6019619	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	15312 12081367	89562	471818	1281242	5357102	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	19090 12556175	97711	467038	1222170	4880513	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	QuaF	3438 4504868	24620	135118	417243	1793916	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	11511 10504425	63210	368307	1017017	4283115	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16070 12501749	95520	519210	1385719	5675570	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	16729 12923500	92485	519765	1432181	5834624	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11258 7256108	61633	287986	755359	2938087	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	15090 11862193	82291	476462	1291985	5145825	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	14533 7467394	68078	296885	781345	3039291	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6404 6883053	36589	187222	582760	2619661	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	17573 12312280	113458	538212	1420164	5611056	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	9646 7191728	56399	286623	767164	3036917	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	21251 12385444	110010	553427	1433552	5490553	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	12430 7302229	65362	295919	763597	3000746	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	12312 12054511	78753	451950	1318459	5470209	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	841 681916	4616	19889	58302	256970	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9507 5248588	45650	211793	574496	2221300	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	1578 2193133	8351	41817	144147	672301	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	9171 4813380	36472	187692	515775	2030111	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	QuaF	4554 1837238	14375	72060	191838	769412	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.: 460-78044-1 Analy Batch No.: 226928

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/28/2014 08:24 Calibration End Date: 05/28/2014 12:37 Calibration ID: 39444

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
Naphthalene	DCB	Ave	10966 9972851	48991	296645	914553	3809985	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	8708 3832979	25404	135455	378592	1516777	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	213211 307821	221094	241588	261274	290339	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	264300 374818	282139	300461	327544	351786	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	653132 1008306	705666	785131	871258	949450	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	273177 415001	296132	339852	371910	395713	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Report Date: 28-May-2014 18:27:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68819.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-May-2014 08:24:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0013868-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:27:10 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 28-May-2014 09:23:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.118	-0.016	72	5823	5.00	4.97	
2 Dichlorodifluoromethane	85	1.126	1.126	0.000	88	43949	5.00	5.14	
3 Chloromethane	50	1.241	1.242	-0.001	87	22183	5.00	5.25	
4 Vinyl chloride	62	1.332	1.332	0.000	98	26281	5.00	5.17	
5 Butadiene	54	1.332	1.332	0.000	89	18478	5.00	4.96	
7 Bromomethane	94	1.571	1.571	0.000	97	26108	5.00	5.80	
8 Chloroethane	64	1.645	1.645	0.000	94	16659	5.00	5.48	
9 Trichlorofluoromethane	101	1.818	1.809	0.009	65	47844	5.00	5.49	
10 Dichlorofluoromethane	67	1.818	1.818	0.000	88	48879	5.00	5.35	
19 Pentane	72	1.842	1.842	0.000	92	6285	10.0	10.0	
139 Ethanol	46	2.040	2.032	0.008	55	2262	250.0	373.2	
11 Ethyl ether	59	2.040	2.040	0.000	74	14076	5.00	5.22	
13 2-Methyl-1,3-butadiene	53	2.048	2.048	0.000	95	15451	5.00	4.87	
14 1,2-Dichloro-1,1,2-trifluo	117	2.097	2.098	-0.001	76	22703	5.00	5.31	
16 1,1,2-Trichloro-1,2,2-trif	101	2.204	2.196	0.008	56	22934	5.00	5.08	
15 Acrolein	56	2.204	2.196	0.008	18	3769	20.0	22.9	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	90	19116	5.00	5.07	
18 Acetone	43	2.336	2.328	0.008	81	19869	25.0	30.5	
20 Iodomethane	142	2.352	2.353	-0.001	95	41915	5.00	4.95	
21 Carbon disulfide	76	2.369	2.369	0.000	99	45392	5.00	4.21	
135 Isopropyl alcohol	45	2.451	2.451	0.000	74	4958	50.0	53.1	
22 Cyclopentene	67	2.542	2.542	0.000	79	35998	5.00	4.50	
141 3-Chloro-1-propene	76	2.542	2.542	0.000	20	8675	5.00	4.74	
23 Methyl acetate	43	2.575	2.575	0.000	96	40376	25.0	26.4	
24 Acetonitrile	41	2.632	2.624	0.008	93	14252	50.0	63.3	
25 Methylene Chloride	84	2.665	2.665	0.000	78	20286	5.00	5.21	
* 26 TBA-d9 (IS)	65	2.723	2.715	0.008	47	206970	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.780	2.781	-0.001	90	12197	50.0	47.3	
28 Methyl tert-butyl ether	73	2.854	2.846	0.008	89	44704	5.00	4.80	
29 trans-1,2-Dichloroethene	96	2.854	2.855	-0.001	83	18952	5.00	4.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	88	34081	50.0	49.7	
32 Hexane	43	3.027	3.027	0.000	86	7406	5.00	4.40	
34 1,1-Dichloroethane	63	3.282	3.283	-0.001	92	31970	5.00	5.03	
33 Isopropyl ether	45	3.282	3.283	-0.001	81	33268	5.00	4.68	
36 2-Chloro-1,3-butadiene	88	3.324	3.324	0.000	82	13625	5.00	4.48	
35 Vinyl acetate	43	3.324	3.324	0.000	98	53976	10.0	10.7	
136 Allyl alcohol	57	3.389	3.373	0.016	10	1819	125.0	98.3	
37 Tert-butyl ethyl ether	59	3.628	3.620	0.008	88	39832	5.00	4.70	
38 2,2-Dichloropropane	77	3.809	3.818	-0.009	91	29555	5.00	4.50	
39 cis-1,2-Dichloroethene	96	3.850	3.842	0.008	88	18133	5.00	4.61	
40 2-Butanone (MEK)	72	3.891	3.892	-0.001	93	5505	25.0	22.7	
41 Ethyl acetate	70	3.916	3.916	0.000	91	1896	10.0	8.85	
42 Methyl acrylate	55	3.965	3.957	0.008	75	9066	5.00	5.57	
43 Propionitrile	54	4.040	4.040	0.000	70	13571	50.0	53.2	
45 Chlorobromomethane	128	4.089	4.097	-0.008	69	10124	5.00	4.75	
44 Tetrahydrofuran	72	4.089	4.097	-0.008	40	2041	10.0	8.35	
46 Methacrylonitrile	67	4.147	4.147	0.000	82	48387	50.0	52.3	
47 Chloroform	83	4.171	4.171	0.000	89	42054	5.00	5.15	
48 Cyclohexane	56	4.278	4.278	0.000	82	18714	5.00	4.28	
49 1,1,1-Trichloroethane	97	4.311	4.311	0.000	89	37188	5.00	4.74	
$ 57 Dibromofluoromethane (Surr	113	4.352	4.352	0.000	97	221094	50.0	50.4	
50 Carbon tetrachloride	117	4.435	4.443	-0.008	88	31671	5.00	4.44	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	89	20628	5.00	4.29	
52 Benzene	78	4.706	4.706	0.000	98	64155	5.00	4.97	
138 Isobutyl alcohol	43	4.731	4.723	0.008	16	6676	125.0	75.9	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	83	282139	50.0	51.8	
140 Tert-amyl methyl ether	73	4.830	4.822	0.008	86	44169	5.00	4.64	
54 1,2-Dichloroethane	62	4.830	4.830	0.000	87	34592	5.00	5.34	
55 Isopropyl acetate	43	4.854	4.854	0.000	95	30874	5.00	4.89	
56 n-Heptane	57	4.937	4.929	0.008	75	4895	5.00	4.11	
* 58 Fluorobenzene	96	5.060	5.060	0.000	98	628551	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.332	5.332	0.000	86	34808	10.0	7.53	
60 Trichloroethene	95	5.472	5.472	0.000	89	20162	5.00	4.75	
61 n-Butanol	56	5.529	5.521	0.008	85	3847	125.0	108.0	
62 Methylcyclohexane	83	5.611	5.603	0.008	91	17558	5.00	3.96	
63 Ethyl acrylate	55	5.694	5.694	0.000	90	12417	5.00	4.65	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	77	15818	5.00	5.12	
* 65 1,4-Dioxane-d8	96	5.916	5.916	0.000	70	16798	1000.0	1000.0	
68 Dibromomethane	93	5.965	5.965	0.000	90	13889	5.00	5.23	
66 Methyl methacrylate	100	5.982	5.982	0.000	81	6597	10.0	9.31	
67 1,4-Dioxane	88	5.982	5.990	-0.008	27	1878	100.0	114.6	M
69 n-Propyl acetate	43	6.072	6.072	0.000	95	13431	5.00	4.75	
70 Dichlorobromomethane	83	6.179	6.179	0.000	94	26171	5.00	4.56	
71 2-Nitropropane	41	6.615	6.607	0.008	88	5197	10.0	9.04	
72 2-Chloroethyl vinyl ether	63	6.640	6.649	-0.009	88	6140	5.00	3.51	
73 Epichlorohydrin	57	6.747	6.747	0.000	97	17428	100.0	89.7	
74 cis-1,3-Dichloropropene	75	6.796	6.797	-0.001	87	22508	5.00	4.22	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	91	48300	25.0	23.1	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	98	705666	50.0	49.9	
77 Toluene	91	7.134	7.134	0.000	93	77165	5.00	4.90	
78 trans-1,3-Dichloropropene	75	7.521	7.521	0.000	93	20544	5.00	4.17	
79 Ethyl methacrylate	69	7.587	7.587	0.000	87	12679	5.00	3.17	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	84	13621	5.00	5.02	
81 Tetrachloroethene	166	7.718	7.718	0.000	81	20355	5.00	4.52	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	92	26945	5.00	4.95	
83 2-Hexanone	43	7.990	7.990	0.000	96	32825	25.0	21.6	
84 Chlorodibromomethane	129	8.080	8.081	-0.001	93	17983	5.00	4.25	
85 n-Butyl acetate	73	8.105	8.105	0.000	95	2797	5.00	4.57	
86 Ethylene Dibromide	107	8.196	8.196	0.000	95	17506	5.00	4.86	
* 87 Chlorobenzene-d5	117	8.648	8.648	0.000	87	614065	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	92	64462	5.00	5.17	
89 Ethylbenzene	106	8.763	8.764	-0.001	99	28859	5.00	4.67	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	83	22743	5.00	4.69	
91 m-Xylene & p-Xylene	106	8.887	8.887	0.000	99	33344	5.00	4.47	
92 o-Xylene	106	9.257	9.257	0.000	92	31543	5.00	4.36	
137 n-Butyl acrylate	73	9.274	9.274	0.000	94	11375	5.00	4.34	
93 Styrene	104	9.282	9.282	0.000	91	58515	5.00	4.65	
95 Bromoform	173	9.463	9.463	0.000	90	11711	5.00	4.25	
94 Amyl acetate (mixed isomer	43	9.479	9.480	-0.001	93	23790	5.00	3.67	
96 Isopropylbenzene	105	9.586	9.587	-0.001	97	89295	5.00	4.42	
$ 97 4-Bromofluorobenzene	174	9.759	9.759	0.000	89	296132	50.0	49.8	
98 Camphene	41	9.767	9.768	-0.001	79	6275	5.00	4.87	
99 Bromobenzene	156	9.866	9.866	0.000	98	30200	5.00	4.65	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	87	25087	5.00	5.08	
101 N-Propylbenzene	91	9.940	9.940	0.000	98	117306	5.00	4.57	
102 1,2,3-Trichloropropane	110	9.965	9.965	0.000	87	9144	5.00	5.29	
103 trans-1,4-Dichloro-2-buten	53	9.981	9.982	-0.001	22	5275	5.00	3.99	
104 2-Chlorotoluene	91	10.031	10.031	0.000	95	101160	5.00	4.88	
105 4-Ethyltoluene	105	10.047	10.047	0.000	96	113871	5.00	4.90	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	91	89562	5.00	4.53	
107 4-Chlorotoluene	91	10.130	10.130	0.000	97	97711	5.00	4.81	
108 Butyl Methacrylate	87	10.204	10.204	0.000	93	24620	5.00	3.40	
109 tert-Butylbenzene	119	10.368	10.360	0.008	87	63210	5.00	4.07	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	97	95520	5.00	4.53	
111 sec-Butylbenzene	105	10.549	10.549	0.000	98	92485	5.00	4.31	
113 1,3-Dichlorobenzene	146	10.664	10.665	-0.001	94	61633	5.00	5.00	
112 4-Isopropyltoluene	119	10.664	10.665	-0.001	94	82291	5.00	4.25	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	98	465622	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.747	10.747	0.000	93	68078	5.00	5.09	
118 Benzyl chloride	91	10.870	10.870	0.000	97	36589	5.00	4.05	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	92	113458	5.00	5.13	
120 p-Diethylbenzene	119	10.977	10.977	0.000	85	56399	5.00	4.73	
121 n-Butylbenzene	91	10.994	10.994	0.000	98	110010	5.00	4.84	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	91	65362	5.00	5.11	
123 1,2,4,5-Tetramethylbenzene	119	11.594	11.595	-0.001	95	78753	5.00	4.17	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	83	4616	5.00	4.73	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	95	45650	5.00	4.88	
126 Camphor	95	12.220	12.220	0.000	87	8351	25.0	18.8	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	88	36472	5.00	4.34	
128 Hexachlorobutadiene	225	12.376	12.376	0.000	93	14375	5.00	4.44	
130 Naphthalene	128	12.500	12.500	0.000	99	48991	5.00	3.58	
131 1,2,3-Trichlorobenzene	180	12.705	12.706	-0.001	92	25404	5.00	4.10	
S 133 1,2-Dichloroethene, Total	100				0			9.41	
S 134 Xylenes, Total	100				0		10.0	8.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			23.4	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 28-May-2014 18:27:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68819.D

Injection Date: 28-May-2014 08:24:30 Instrument ID: CVOAMS2 Operator ID:

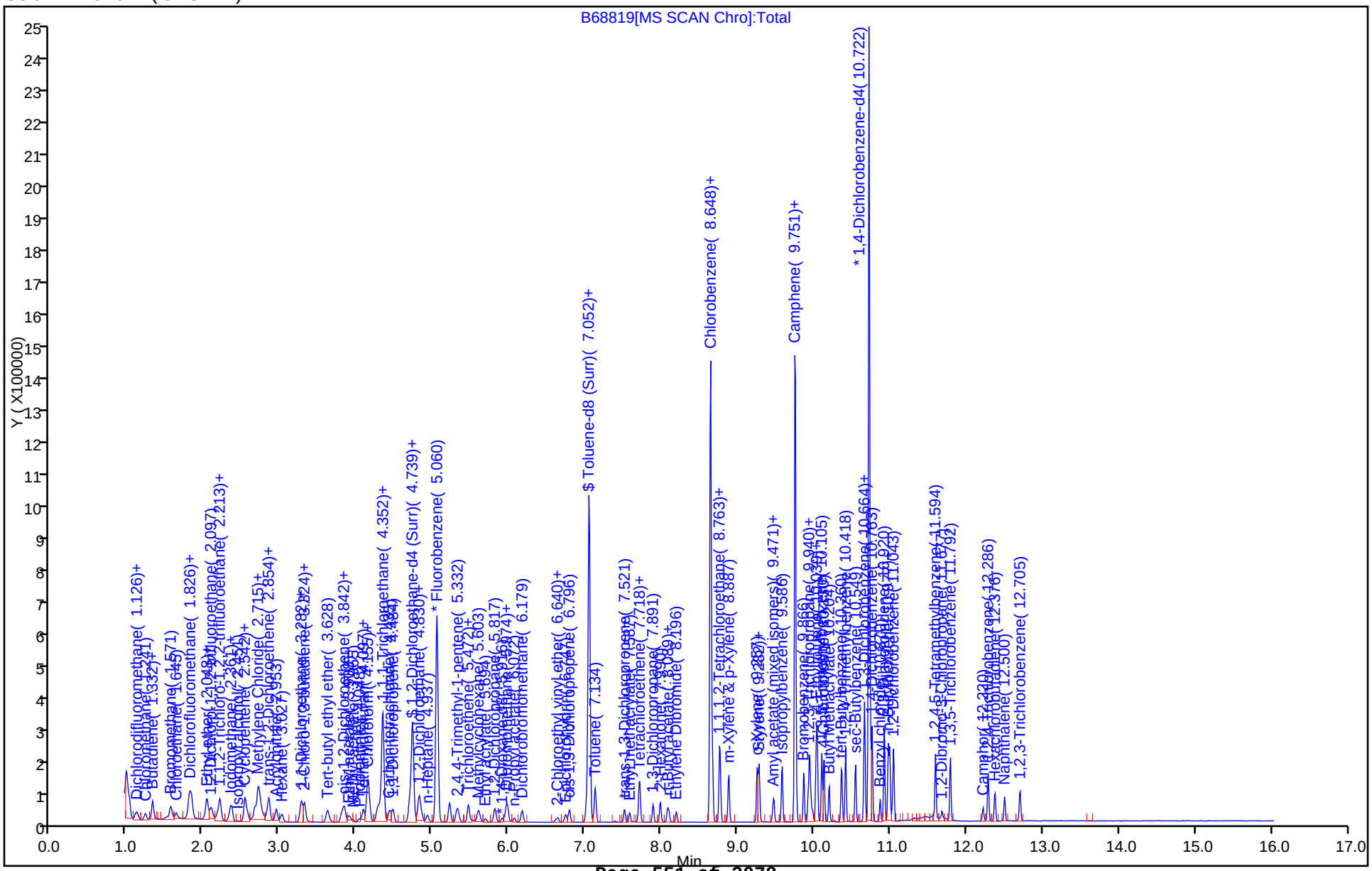
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

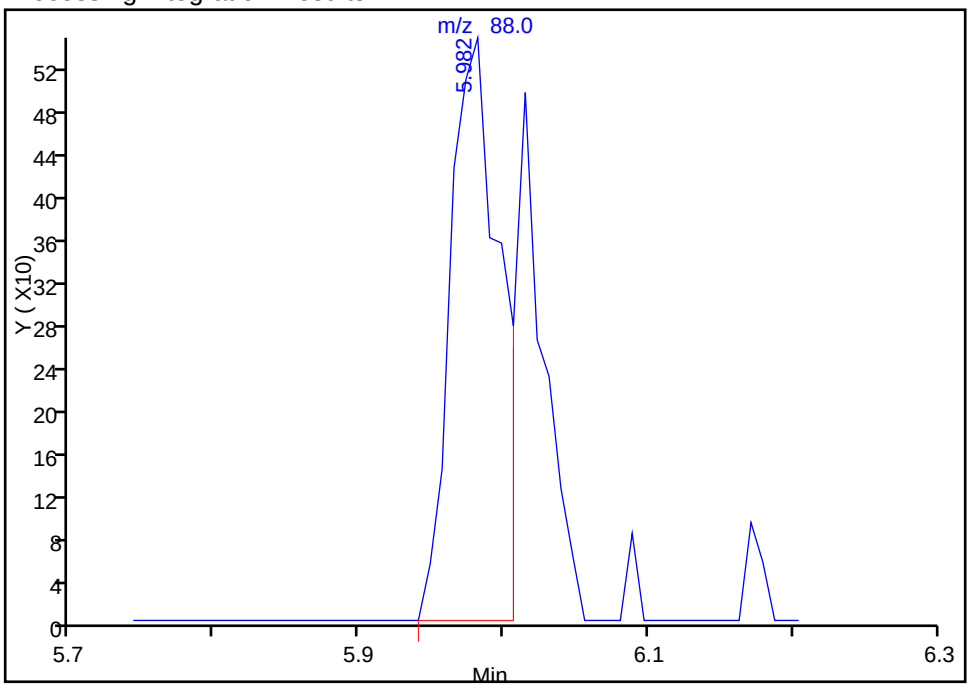
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68819.D
Injection Date: 28-May-2014 08:24:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 1,4-Dioxane, CAS: 123-91-1

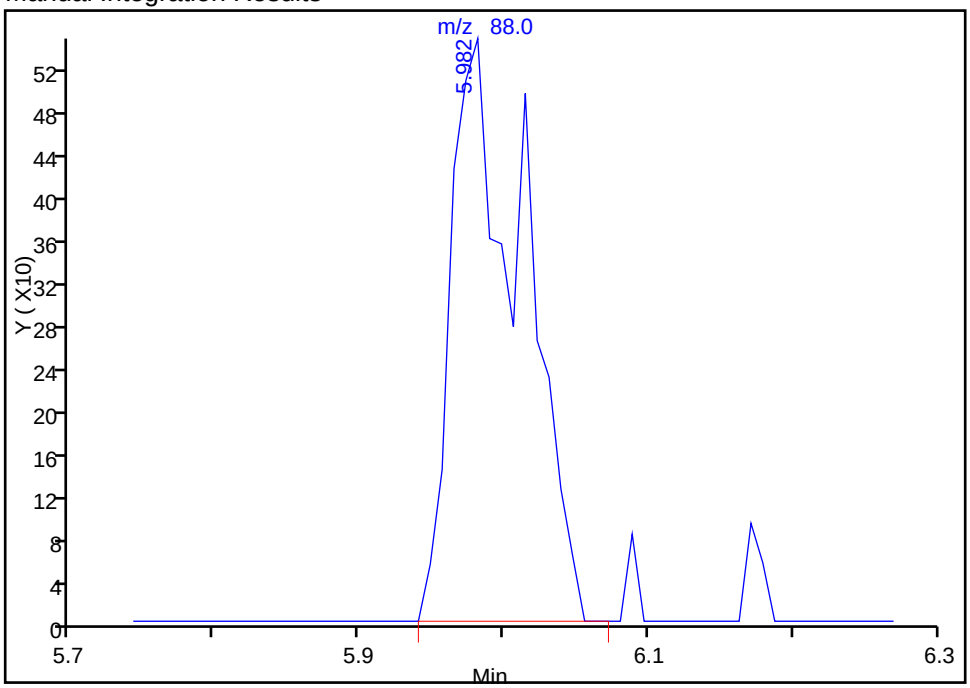
Processing Integration Results

RT: 5.98
Response: 1304
Amount: NaN



Manual Integration Results

RT: 5.98
Response: 1878
Amount: 114.5560



Reviewer: delpolitov, 28-May-2014 17:07:28
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 28-May-2014 18:27:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68820.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 28-May-2014 08:47:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0013868-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:27:15 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 28-May-2014 09:22:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.118	1.118	0.000	64	26388	20.0	20.7	
2 Dichlorodifluoromethane	85	1.126	1.126	0.000	88	179103	20.0	19.2	
3 Chloromethane	50	1.242	1.242	0.000	89	84871	20.0	18.4	
4 Vinyl chloride	62	1.332	1.332	0.000	83	103502	20.0	18.7	
5 Butadiene	54	1.332	1.332	0.000	87	72972	20.0	17.9	
7 Bromomethane	94	1.571	1.571	0.000	98	103390	20.0	21.2	
8 Chloroethane	64	1.645	1.645	0.000	99	63001	20.0	19.0	
9 Trichlorofluoromethane	101	1.809	1.809	0.000	69	194603	20.0	20.5	
10 Dichlorofluoromethane	67	1.818	1.818	0.000	88	197442	20.0	19.8	
19 Pentane	72	1.842	1.842	0.000	92	28590	40.0	41.8	
139 Ethanol	46	2.032	2.032	0.000	68	9004	1000.0	1382.0	
11 Ethyl ether	59	2.040	2.040	0.000	91	58374	20.0	19.9	
13 2-Methyl-1,3-butadiene	53	2.048	2.048	0.000	95	68926	20.0	19.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.098	2.098	0.000	82	97034	20.0	20.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.196	2.196	0.000	95	106443	20.0	21.6	
15 Acrolein	56	2.196	2.196	0.000	34	7178	40.0	40.7	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	90	84641	20.0	20.6	
18 Acetone	43	2.328	2.328	0.000	78	78636	100.0	113.2	
20 Iodomethane	142	2.353	2.353	0.000	96	183901	20.0	19.9	
21 Carbon disulfide	76	2.369	2.369	0.000	99	220235	20.0	18.7	
135 Isopropyl alcohol	45	2.451	2.451	0.000	74	21361	200.0	213.4	
22 Cyclopentene	67	2.542	2.542	0.000	81	176174	20.0	20.2	
141 3-Chloro-1-propene	76	2.542	2.542	0.000	16	39425	20.0	19.7	
23 Methyl acetate	43	2.575	2.575	0.000	97	168085	100.0	100.9	
24 Acetonitrile	41	2.624	2.624	0.000	98	45468	200.0	185.1	
25 Methylene Chloride	84	2.665	2.665	0.000	77	84335	20.0	19.8	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	48	221859	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.781	2.781	0.000	93	53858	200.0	194.7	
28 Methyl tert-butyl ether	73	2.846	2.846	0.000	95	202995	20.0	20.0	
29 trans-1,2-Dichloroethene	96	2.855	2.855	0.000	88	82873	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	91	158752	200.0	212.4	
32 Hexane	43	3.027	3.027	0.000	86	37018	20.0	20.2	
34 1,1-Dichloroethane	63	3.283	3.283	0.000	93	140947	20.0	20.4	
33 Isopropyl ether	45	3.283	3.283	0.000	93	155515	20.0	20.1	
36 2-Chloro-1,3-butadiene	88	3.324	3.324	0.000	81	69070	20.0	20.8	
35 Vinyl acetate	43	3.324	3.324	0.000	99	242115	40.0	43.9	
136 Allyl alcohol	57	3.373	3.373	0.000	44	12215	500.0	610.8	
37 Tert-butyl ethyl ether	59	3.620	3.620	0.000	90	179653	20.0	19.5	
38 2,2-Dichloropropane	77	3.818	3.818	0.000	92	140990	20.0	19.7	
39 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	90	85310	20.0	19.9	
40 2-Butanone (MEK)	72	3.892	3.892	0.000	97	28609	100.0	110.0	
41 Ethyl acetate	70	3.916	3.916	0.000	87	9282	40.0	40.4	
42 Methyl acrylate	55	3.957	3.957	0.000	67	36044	20.0	20.3	
43 Propionitrile	54	4.040	4.040	0.000	95	55299	200.0	202.1	
45 Chlorobromomethane	128	4.097	4.097	0.000	69	48312	20.0	20.8	
44 Tetrahydrofuran	72	4.097	4.097	0.000	46	11728	40.0	44.8	
46 Methacrylonitrile	67	4.147	4.147	0.000	85	212439	200.0	210.7	
47 Chloroform	83	4.171	4.171	0.000	86	181407	20.0	20.4	
48 Cyclohexane	56	4.278	4.278	0.000	86	102512	20.0	21.5	
49 1,1,1-Trichloroethane	97	4.311	4.311	0.000	92	170192	20.0	19.9	
$ 57 Dibromofluoromethane (Surr	113	4.352	4.352	0.000	97	241588	50.0	50.5	
50 Carbon tetrachloride	117	4.443	4.443	0.000	88	154454	20.0	19.8	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	87	103772	20.0	19.8	
52 Benzene	78	4.706	4.706	0.000	98	285768	20.0	19.8	
138 Isobutyl alcohol	43	4.723	4.723	0.000	44	50637	500.0	537.0	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	82	300461	50.0	50.6	
140 Tert-amyl methyl ether	73	4.822	4.822	0.000	74	208858	20.0	20.1	
54 1,2-Dichloroethane	62	4.830	4.830	0.000	92	146764	20.0	20.8	
55 Isopropyl acetate	43	4.854	4.854	0.000	96	143393	20.0	20.8	
56 n-Heptane	57	4.929	4.929	0.000	79	26852	20.0	20.7	
* 58 Fluorobenzene	96	5.060	5.060	0.000	98	685326	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.332	5.332	0.000	87	209912	40.0	41.7	
60 Trichloroethene	95	5.472	5.472	0.000	92	90923	20.0	19.7	
61 n-Butanol	56	5.521	5.521	0.000	88	17935	500.0	469.5	
62 Methylcyclohexane	83	5.603	5.603	0.000	94	102311	20.0	21.2	
63 Ethyl acrylate	55	5.694	5.694	0.000	98	56723	20.0	19.5	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	79	67307	20.0	20.0	
* 65 1,4-Dioxane-d8	96	5.916	5.916	0.000	65	19507	1000.0	1000.0	
68 Dibromomethane	93	5.965	5.965	0.000	93	60075	20.0	20.8	
66 Methyl methacrylate	100	5.982	5.982	0.000	82	31260	40.0	40.4	
67 1,4-Dioxane	88	5.990	5.990	0.000	30	8798	400.0	462.1	M
69 n-Propyl acetate	43	6.072	6.072	0.000	97	60535	20.0	19.6	
70 Dichlorobromomethane	83	6.179	6.179	0.000	95	123330	20.0	19.7	
71 2-Nitropropane	41	6.607	6.607	0.000	97	21761	40.0	34.7	
72 2-Chloroethyl vinyl ether	63	6.649	6.649	0.000	93	30922	20.0	16.2	
73 Epichlorohydrin	57	6.747	6.747	0.000	97	89410	400.0	411.4	
74 cis-1,3-Dichloropropene	75	6.797	6.797	0.000	87	117341	20.0	19.7	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	95	250304	100.0	107.3	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	97	785131	50.0	49.7	
77 Toluene	91	7.134	7.134	0.000	93	343786	20.0	19.5	
78 trans-1,3-Dichloropropene	75	7.521	7.521	0.000	95	104092	20.0	18.9	
79 Ethyl methacrylate	69	7.587	7.587	0.000	86	77339	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	88	62426	20.0	20.6	
81 Tetrachloroethene	166	7.718	7.718	0.000	88	100268	20.0	19.9	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	92	124153	20.0	20.4	
83 2-Hexanone	43	7.990	7.990	0.000	95	185977	100.0	109.2	
84 Chlorodibromomethane	129	8.081	8.081	0.000	96	92613	20.0	19.6	
85 n-Butyl acetate	73	8.105	8.105	0.000	97	13229	20.0	19.3	
86 Ethylene Dibromide	107	8.196	8.196	0.000	99	80700	20.0	20.0	
* 87 Chlorobenzene-d5	117	8.648	8.648	0.000	87	686789	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	85	276422	20.0	19.8	
89 Ethylbenzene	106	8.764	8.764	0.000	99	141896	20.0	20.5	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	84	106536	20.0	19.6	
91 m-Xylene & p-Xylene	106	8.887	8.887	0.000	99	174788	20.0	21.0	
92 o-Xylene	106	9.257	9.257	0.000	92	174131	20.0	21.5	
137 n-Butyl acrylate	73	9.274	9.274	0.000	97	63868	20.0	21.8	
93 Styrene	104	9.282	9.282	0.000	90	313780	20.0	22.3	
95 Bromoform	173	9.463	9.463	0.000	95	57389	20.0	18.6	
94 Amyl acetate (mixed isomer	43	9.480	9.480	0.000	93	122796	20.0	17.1	
96 Isopropylbenzene	105	9.587	9.587	0.000	97	502964	20.0	22.2	
$ 97 4-Bromofluorobenzene	174	9.759	9.759	0.000	90	339852	50.0	51.1	
98 Camphene	41	9.768	9.768	0.000	88	29383	20.0	20.4	
99 Bromobenzene	156	9.866	9.866	0.000	97	141737	20.0	19.7	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	91	111730	20.0	20.4	
101 N-Propylbenzene	91	9.940	9.940	0.000	98	616124	20.0	21.6	
102 1,2,3-Trichloropropane	110	9.965	9.965	0.000	80	39244	20.0	20.5	
103 trans-1,4-Dichloro-2-buten	53	9.982	9.982	0.000	58	28904	20.0	19.7	
104 2-Chlorotoluene	91	10.031	10.031	0.000	93	481529	20.0	20.9	
105 4-Ethyltoluene	105	10.047	10.047	0.000	94	556492	20.0	21.6	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	91	471818	20.0	21.5	
107 4-Chlorotoluene	91	10.130	10.130	0.000	97	467038	20.0	20.7	
108 Butyl Methacrylate	87	10.204	10.204	0.000	92	135118	20.0	16.8	
109 tert-Butylbenzene	119	10.360	10.360	0.000	90	368307	20.0	21.4	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	97	519210	20.0	22.2	
111 sec-Butylbenzene	105	10.549	10.549	0.000	97	519765	20.0	21.8	
113 1,3-Dichlorobenzene	146	10.665	10.665	0.000	93	287986	20.0	21.1	
112 4-Isopropyltoluene	119	10.665	10.665	0.000	94	476462	20.0	22.2	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	96	516572	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.747	10.747	0.000	88	296885	20.0	20.0	
118 Benzyl chloride	91	10.870	10.870	0.000	98	187222	20.0	18.7	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	89	538212	20.0	21.9	
120 p-Diethylbenzene	119	10.977	10.977	0.000	84	286623	20.0	21.7	
121 n-Butylbenzene	91	10.994	10.994	0.000	96	553427	20.0	21.9	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	93	295919	20.0	20.9	
123 1,2,4,5-Tetramethylbenzene	119	11.595	11.595	0.000	96	451950	20.0	21.6	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	95	19889	20.0	18.4	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	94	211793	20.0	20.4	
126 Camphor	95	12.220	12.220	0.000	91	41817	100.0	83.7	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	93	187692	20.0	20.1	
128 Hexachlorobutadiene	225	12.376	12.376	0.000	94	72060	20.0	20.1	
130 Naphthalene	128	12.500	12.500	0.000	99	296645	20.0	19.6	
131 1,2,3-Trichlorobenzene	180	12.706	12.706	0.000	95	135455	20.0	19.7	
S 133 1,2-Dichloroethene, Total	100				0			39.2	
S 134 Xylenes, Total	100				0		40.0	42.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			102.3	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 28-May-2014 18:27:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68820.D

Injection Date: 28-May-2014 08:47:30 Instrument ID: CVOAMS2 Operator ID:

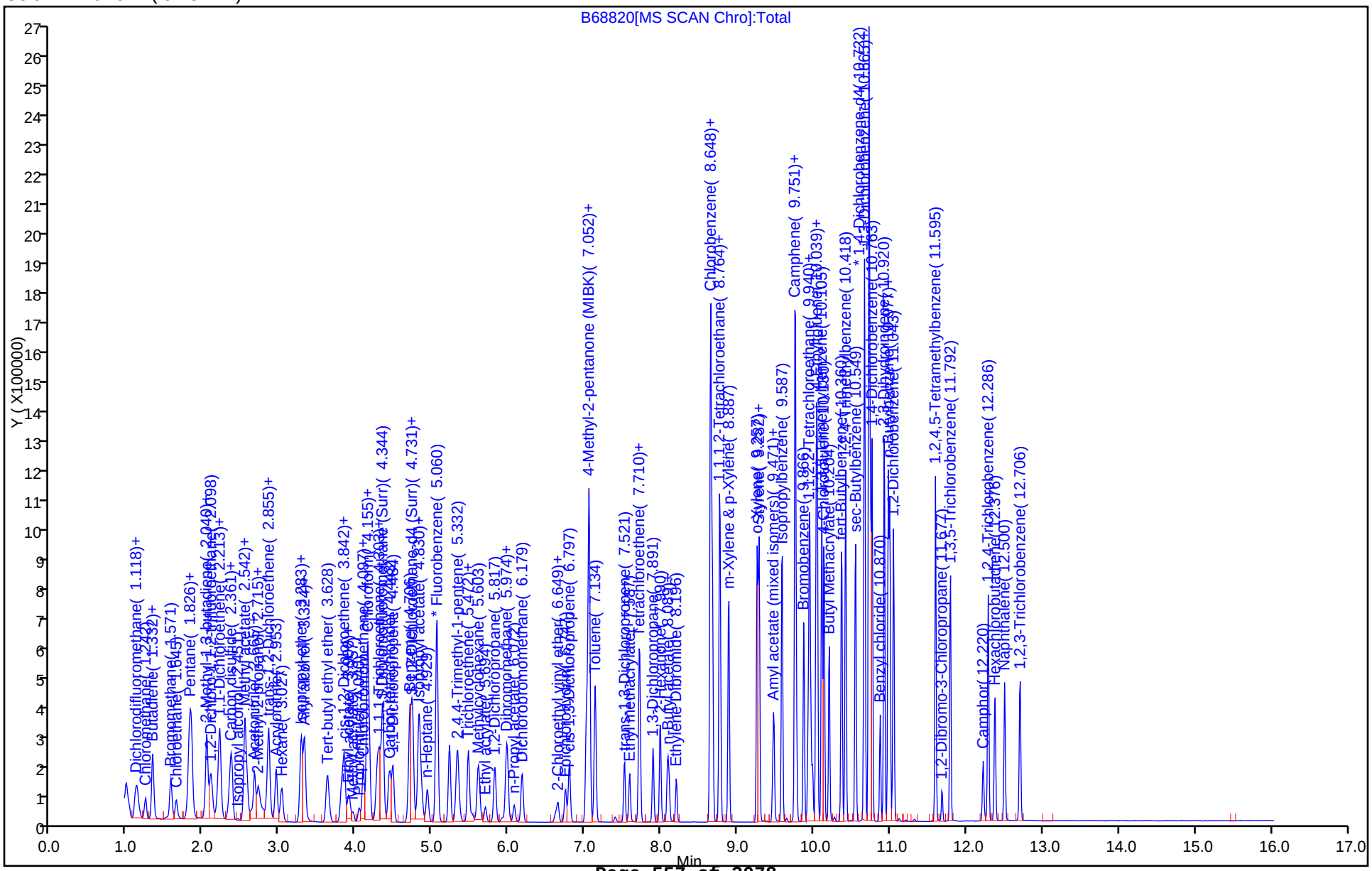
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

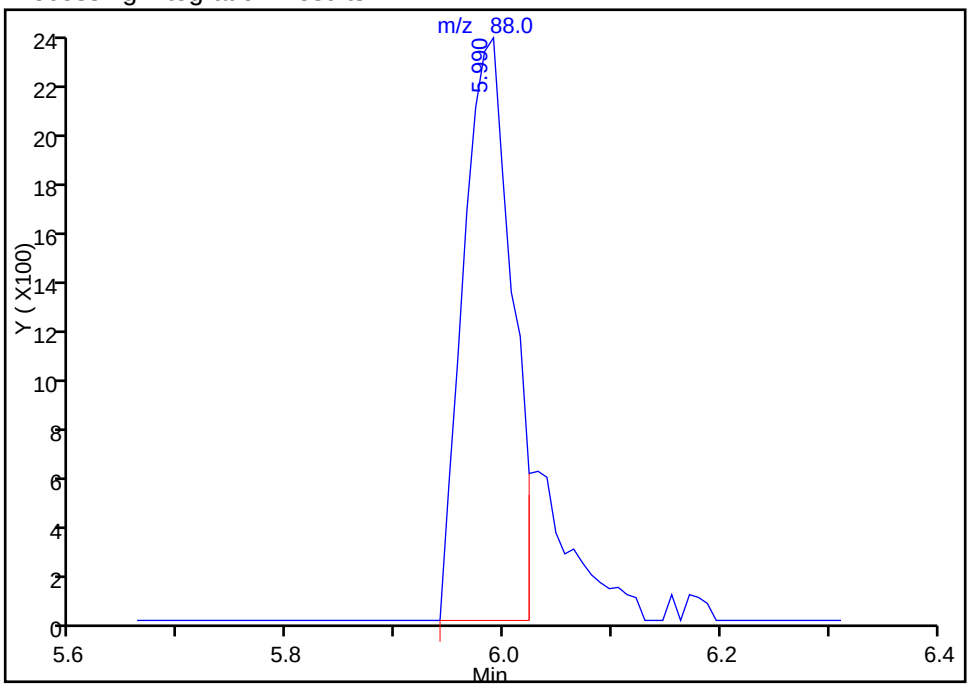
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68820.D
Injection Date: 28-May-2014 08:47:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 1,4-Dioxane, CAS: 123-91-1

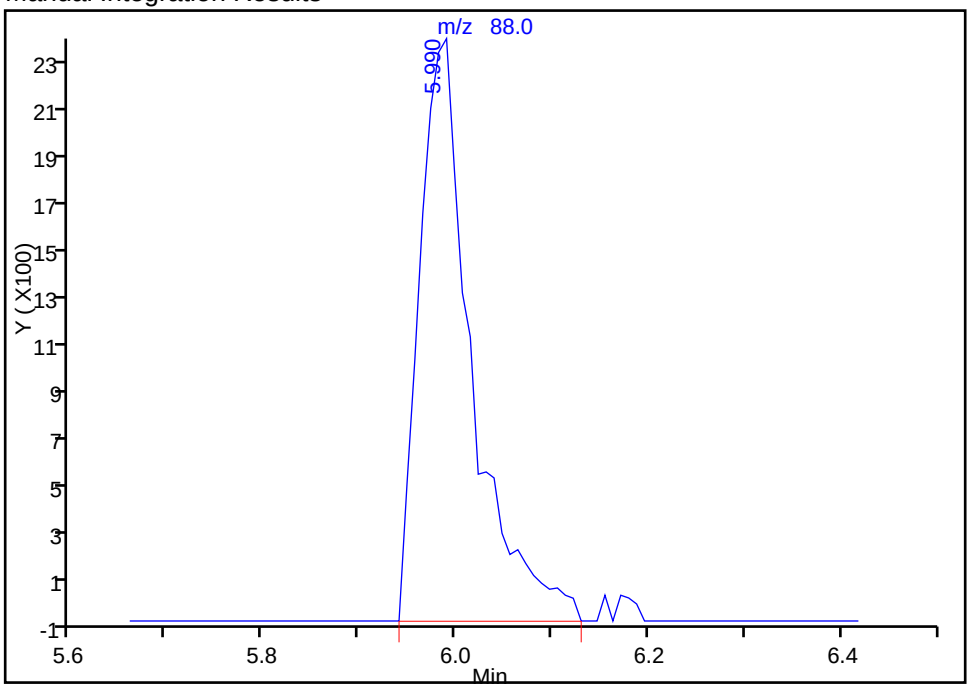
Processing Integration Results

RT: 5.99
Response: 7263
Amount: 579.0238



Manual Integration Results

RT: 5.99
Response: 8798
Amount: 462.1398



Reviewer: delpolitov, 28-May-2014 17:05:14
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 28-May-2014 18:27:19 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68821.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-May-2014 09:10:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0013868-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:27:18 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 28-May-2014 09:40:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.118	-0.016	81	69738	50.0	50.0	
2 Dichlorodifluoromethane	85	1.126	1.126	0.000	88	503565	50.0	49.5	
3 Chloromethane	50	1.241	1.242	-0.001	88	241671	50.0	48.0	
4 Vinyl chloride	62	1.332	1.332	0.000	83	298615	50.0	49.4	
5 Butadiene	54	1.340	1.332	0.008	87	220641	50.0	49.7	
7 Bromomethane	94	1.579	1.571	0.008	99	270093	50.0	51.3	
8 Chloroethane	64	1.645	1.645	0.000	97	168710	50.0	46.6	
9 Trichlorofluoromethane	101	1.818	1.809	0.009	85	515591	50.0	49.7	
10 Dichlorofluoromethane	67	1.818	1.818	0.000	88	535985	50.0	49.3	
19 Pentane	72	1.842	1.842	0.000	92	74665	100.0	100.0	
139 Ethanol	46	2.031	2.032	-0.001	74	21829	2500.0	3032.8	
11 Ethyl ether	59	2.040	2.040	0.000	91	151466	50.0	47.2	
13 2-Methyl-1,3-butadiene	53	2.048	2.048	0.000	95	183018	50.0	48.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.097	2.098	-0.001	81	249983	50.0	49.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.204	2.196	0.008	97	269168	50.0	50.1	
15 Acrolein	56	2.204	2.196	0.008	25	16418	100.0	84.7	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	90	217774	50.0	48.6	
18 Acetone	43	2.328	2.328	0.000	84	193191	250.0	254.7	
20 Iodomethane	142	2.352	2.353	-0.001	96	481730	50.0	47.8	
21 Carbon disulfide	76	2.377	2.369	0.008	99	644821	50.0	50.2	
135 Isopropyl alcohol	45	2.451	2.451	0.000	88	48879	500.0	444.0	
22 Cyclopentene	67	2.542	2.542	0.000	82	481709	50.0	50.6	
141 3-Chloro-1-propene	76	2.542	2.542	0.000	17	107830	50.0	49.5	
23 Methyl acetate	43	2.575	2.575	0.000	97	443450	250.0	243.8	
24 Acetonitrile	41	2.624	2.624	0.000	92	132732	500.0	495.1	
25 Methylene Chloride	84	2.665	2.665	0.000	77	215412	50.0	46.4	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	86	244007	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.789	2.781	0.008	91	142169	500.0	467.2	
28 Methyl tert-butyl ether	73	2.846	2.846	0.000	94	559165	50.0	50.5	
29 trans-1,2-Dichloroethene	96	2.854	2.855	-0.001	86	226094	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	90	411181	500.0	504.0	
32 Hexane	43	3.027	3.027	0.000	87	101476	50.0	50.7	
34 1,1-Dichloroethane	63	3.282	3.283	-0.001	93	374238	50.0	49.5	
33 Isopropyl ether	45	3.282	3.283	-0.001	89	449223	50.0	53.1	
36 2-Chloro-1,3-butadiene	88	3.324	3.324	0.000	78	194633	50.0	53.8	
35 Vinyl acetate	43	3.324	3.324	0.000	99	711850	100.0	118.2	
136 Allyl alcohol	57	3.373	3.373	0.000	81	33751	1250.0	1512.5	
37 Tert-butyl ethyl ether	59	3.620	3.620	0.000	89	529054	50.0	52.5	
38 2,2-Dichloropropane	77	3.817	3.818	-0.001	92	387409	50.0	49.6	
39 cis-1,2-Dichloroethene	96	3.850	3.842	0.008	91	239426	50.0	51.2	
40 2-Butanone (MEK)	72	3.891	3.892	-0.001	99	76225	250.0	266.5	
41 Ethyl acetate	70	3.916	3.916	0.000	97	26992	100.0	106.9	
42 Methyl acrylate	55	3.957	3.957	0.000	66	102799	50.0	53.0	
43 Propionitrile	54	4.040	4.040	0.000	95	154001	500.0	511.9	
45 Chlorobromomethane	128	4.097	4.097	0.000	70	125738	50.0	49.6	
44 Tetrahydrofuran	72	4.097	4.097	0.000	55	31369	100.0	108.9	
46 Methacrylonitrile	67	4.147	4.147	-0.001	87	582368	500.0	529.2	
47 Chloroform	83	4.171	4.171	0.000	86	477073	50.0	49.1	
48 Cyclohexane	56	4.278	4.278	0.000	87	283255	50.0	54.5	
49 1,1,1-Trichloroethane	97	4.311	4.311	0.000	93	474031	50.0	50.7	
$ 57 Dibromofluoromethane (Surr	113	4.352	4.352	0.000	96	261274	50.0	50.0	
50 Carbon tetrachloride	117	4.443	4.443	0.000	90	427082	50.0	50.3	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	90	294144	50.0	51.4	
52 Benzene	78	4.706	4.706	0.000	97	776115	50.0	49.3	
138 Isobutyl alcohol	43	4.723	4.723	0.000	46	146474	1250.0	1412.2	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	93	327544	50.0	50.6	
140 Tert-amyl methyl ether	73	4.821	4.822	-0.001	74	600817	50.0	53.1	
54 1,2-Dichloroethane	62	4.830	4.830	0.000	92	385199	50.0	49.9	
55 Isopropyl acetate	43	4.854	4.854	0.000	96	398774	50.0	53.1	
56 n-Heptane	57	4.937	4.929	0.008	80	74689	50.0	52.7	
* 58 Fluorobenzene	96	5.060	5.060	0.000	98	748131	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.332	5.332	0.000	88	613178	100.0	111.5	
60 Trichloroethene	95	5.471	5.472	-0.001	93	253111	50.0	50.1	
61 n-Butanol	56	5.521	5.521	0.000	90	54559	1250.0	1298.6	
62 Methylcyclohexane	83	5.603	5.603	0.000	94	286061	50.0	54.2	
63 Ethyl acrylate	55	5.694	5.694	0.000	98	173916	50.0	54.7	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	80	186581	50.0	50.7	
* 65 1,4-Dioxane-d8	96	5.916	5.916	0.000	44	23041	1000.0	1000.0	
68 Dibromomethane	93	5.965	5.965	0.000	94	156950	50.0	49.7	
66 Methyl methacrylate	100	5.982	5.982	0.000	84	93009	100.0	110.2	
67 1,4-Dioxane	88	5.990	5.990	0.000	31	26536	1000.0	1180.1	
69 n-Propyl acetate	43	6.072	6.072	0.000	97	179542	50.0	53.4	
70 Dichlorobromomethane	83	6.179	6.179	0.000	95	352435	50.0	51.6	
71 2-Nitropropane	41	6.615	6.607	0.008	99	69997	100.0	102.3	
72 2-Chloroethyl vinyl ether	63	6.640	6.649	-0.009	91	98534	50.0	47.3	
73 Epichlorohydrin	57	6.739	6.747	-0.008	98	261676	1000.0	1105.7	
74 cis-1,3-Dichloropropene	75	6.796	6.797	-0.001	90	353194	50.0	54.4	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	95	707634	250.0	278.5	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	98	871258	50.0	50.6	
77 Toluene	91	7.134	7.134	0.000	93	948914	50.0	49.5	
78 trans-1,3-Dichloropropene	75	7.521	7.521	0.000	94	319859	50.0	53.3	
79 Ethyl methacrylate	69	7.587	7.587	0.000	86	240889	50.0	49.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	88	169311	50.0	51.3	
81 Tetrachloroethene	166	7.718	7.718	0.000	87	278296	50.0	50.7	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	90	345395	50.0	52.1	
83 2-Hexanone	43	7.982	7.990	-0.008	96	540061	250.0	291.2	
84 Chlorodibromomethane	129	8.080	8.081	-0.001	96	270148	50.0	52.4	
85 n-Butyl acetate	73	8.105	8.105	0.000	97	41644	50.0	55.9	
86 Ethylene Dibromide	107	8.196	8.196	0.000	98	228118	50.0	52.0	
* 87 Chlorobenzene-d5	117	8.648	8.648	0.000	87	747777	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	92	743544	50.0	48.9	
89 Ethylbenzene	106	8.763	8.764	-0.001	99	395285	50.0	52.5	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	86	302587	50.0	51.2	
91 m-Xylene & p-Xylene	106	8.887	8.887	0.000	98	491842	50.0	54.2	
92 o-Xylene	106	9.257	9.257	0.000	92	494621	50.0	56.1	
137 n-Butyl acrylate	73	9.265	9.274	-0.009	96	190528	50.0	59.6	
93 Styrene	104	9.282	9.282	0.000	92	861718	50.0	56.2	
95 Bromoform	173	9.463	9.463	0.000	96	171361	50.0	51.0	
94 Amyl acetate (mixed isomer	43	9.479	9.480	-0.001	92	378870	50.0	50.1	
96 Isopropylbenzene	105	9.586	9.587	-0.001	96	1410904	50.0	57.3	
$ 97 4-Bromofluorobenzene	174	9.751	9.759	-0.008	85	371910	50.0	51.3	
98 Camphene	41	9.767	9.768	-0.001	96	79370	50.0	50.6	
99 Bromobenzene	156	9.866	9.866	0.000	97	389728	50.0	51.6	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	91	307973	50.0	53.6	
101 N-Propylbenzene	91	9.940	9.940	0.000	98	1671276	50.0	55.9	
102 1,2,3-Trichloropropane	110	9.965	9.965	0.000	83	102486	50.0	50.9	
103 trans-1,4-Dichloro-2-buten	53	9.981	9.982	-0.001	55	84231	50.0	54.8	
104 2-Chlorotoluene	91	10.031	10.031	0.000	95	1288625	50.0	53.4	
105 4-Ethyltoluene	105	10.047	10.047	0.000	97	1495845	50.0	55.3	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	91	1281242	50.0	55.7	
107 4-Chlorotoluene	91	10.130	10.130	0.000	97	1222170	50.0	51.7	
108 Butyl Methacrylate	87	10.204	10.204	0.000	90	417243	50.0	49.5	
109 tert-Butylbenzene	119	10.360	10.360	0.000	88	1017017	50.0	56.2	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	97	1385719	50.0	56.4	
111 sec-Butylbenzene	105	10.549	10.549	0.000	98	1432181	50.0	57.3	
113 1,3-Dichlorobenzene	146	10.664	10.665	-0.001	93	755359	50.0	52.7	
112 4-Isopropyltoluene	119	10.664	10.665	-0.001	95	1291985	50.0	57.3	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	94	541958	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.739	10.747	-0.009	92	781345	50.0	50.1	
118 Benzyl chloride	91	10.870	10.870	0.000	98	582760	50.0	55.4	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	89	1420164	50.0	55.2	
120 p-Diethylbenzene	119	10.977	10.977	0.000	84	767164	50.0	55.3	
121 n-Butylbenzene	91	10.994	10.994	0.000	97	1433552	50.0	54.1	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	94	763597	50.0	51.3	
123 1,2,4,5-Tetramethylbenzene	119	11.594	11.595	-0.001	95	1318459	50.0	59.9	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	97	58302	50.0	51.3	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	97	574496	50.0	52.7	
126 Camphor	95	12.220	12.220	0.000	91	144147	250.0	264.1	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	93	515775	50.0	52.7	
128 Hexachlorobutadiene	225	12.376	12.376	0.000	95	191838	50.0	51.3	
130 Naphthalene	128	12.500	12.500	0.000	99	914553	50.0	57.5	
131 1,2,3-Trichlorobenzene	180	12.705	12.706	-0.001	93	378592	50.0	52.6	
S 133 1,2-Dichloroethene, Total	100				0			99.3	
S 134 Xylenes, Total	100				0		100.0	110.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			261.6	

Report Date: 28-May-2014 18:27:19 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68821.D

Injection Date: 28-May-2014 09:10:30 Instrument ID: CVOAMS2 Operator ID:

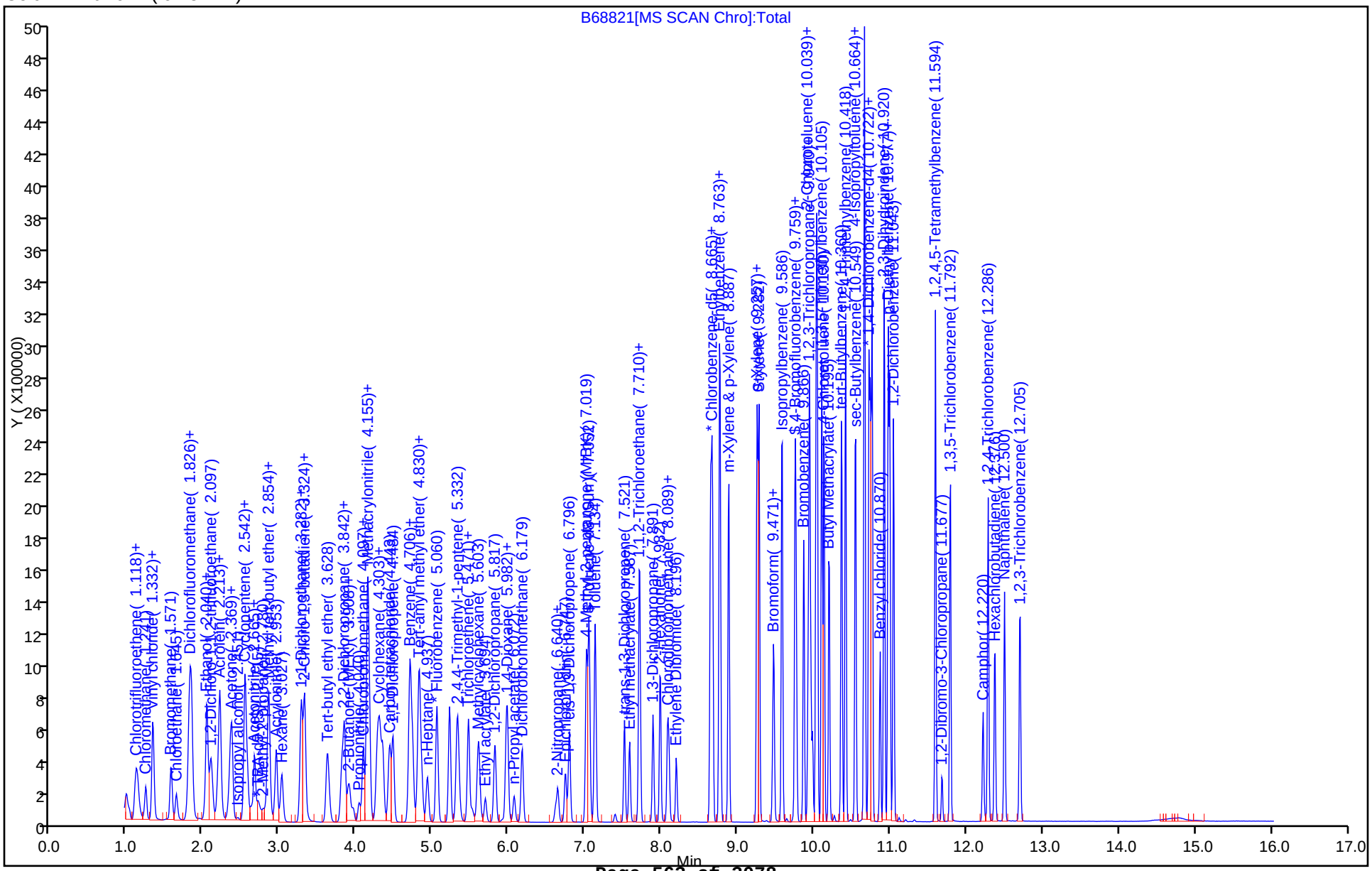
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68822.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-May-2014 09:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0013868-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:27:21 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 28-May-2014 10:51:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.110	1.118	-0.008	88	296589	200.0	191.8	
2 Dichlorodifluoromethane	85	1.126	1.126	0.000	88	2161731	200.0	191.6	
3 Chloromethane	50	1.250	1.242	0.008	88	1011637	200.0	181.2	
4 Vinyl chloride	62	1.332	1.332	0.000	83	1269781	200.0	189.3	
5 Butadiene	54	1.340	1.332	0.008	89	946952	200.0	192.4	
7 Bromomethane	94	1.579	1.571	0.008	99	1092604	200.0	199.2	
8 Chloroethane	64	1.645	1.645	0.000	97	703666	200.0	175.3	
9 Trichlorofluoromethane	101	1.818	1.809	0.009	85	2072723	200.0	180.0	
10 Dichlorofluoromethane	67	1.818	1.818	0.000	88	2226621	200.0	184.6	
19 Pentane	72	1.842	1.842	0.000	92	310269	400.0	374.8	
139 Ethanol	46	2.023	2.032	-0.009	73	77766	10000	9743.9	
11 Ethyl ether	59	2.040	2.040	0.000	90	625717	200.0	175.9	
13 2-Methyl-1,3-butadiene	53	2.040	2.048	-0.008	95	778196	200.0	185.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.097	2.098	-0.001	82	999389	200.0	177.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.204	2.196	0.008	97	1122963	200.0	188.4	
15 Acrolein	56	2.196	2.196	0.000	18	37662	200.0	178.3	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	90	937467	200.0	188.4	
18 Acetone	43	2.328	2.328	0.000	79	791738	1000.0	995.5	
20 Iodomethane	142	2.352	2.353	-0.001	96	2111631	200.0	189.0	
21 Carbon disulfide	76	2.369	2.369	0.000	99	2983016	200.0	209.5	
135 Isopropyl alcohol	45	2.443	2.451	-0.008	91	228260	2000.0	1903.6	
22 Cyclopentene	67	2.542	2.542	0.000	82	2133218	200.0	202.0	
141 3-Chloro-1-propene	76	2.533	2.542	-0.009	21	491888	200.0	203.5	
23 Methyl acetate	43	2.566	2.575	-0.009	96	1863358	1000.0	923.6	
24 Acetonitrile	41	2.624	2.624	0.000	96	529883	2000.0	1782.0	
25 Methylene Chloride	84	2.665	2.665	0.000	75	931113	200.0	181.0	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	48	265792	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.789	2.781	0.008	92	629275	2000.0	1898.4	
28 Methyl tert-butyl ether	73	2.846	2.846	0.000	94	2496034	200.0	203.1	
29 trans-1,2-Dichloroethene	96	2.854	2.855	-0.001	85	980621	200.0	188.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	91	1770221	2000.0	1956.3	
32 Hexane	43	3.027	3.027	0.000	87	433698	200.0	195.2	
34 1,1-Dichloroethane	63	3.282	3.283	-0.001	93	1616892	200.0	192.9	
33 Isopropyl ether	45	3.282	3.283	-0.001	89	1908343	200.0	203.3	
36 2-Chloro-1,3-butadiene	88	3.324	3.324	0.000	77	864144	200.0	215.3	
35 Vinyl acetate	43	3.324	3.324	0.000	99	3019843	400.0	452.2	
136 Allyl alcohol	57	3.373	3.373	0.000	84	125421	5000.0	4896.9	
37 Tert-butyl ethyl ether	59	3.620	3.620	0.000	90	2324331	200.0	207.9	
38 2,2-Dichloropropane	77	3.817	3.818	-0.001	91	1739060	200.0	200.6	
39 cis-1,2-Dichloroethene	96	3.850	3.842	0.008	92	1044907	200.0	201.3	
40 2-Butanone (MEK)	72	3.891	3.892	-0.001	100	336639	1000.0	1080.5	
41 Ethyl acetate	70	3.916	3.916	0.000	97	116303	400.0	422.8	
42 Methyl acrylate	55	3.957	3.957	0.000	88	468273	200.0	217.8	
43 Propionitrile	54	4.040	4.040	0.000	95	649727	2000.0	1982.5	
45 Chlorobromomethane	128	4.097	4.097	0.000	69	566451	200.0	201.5	
44 Tetrahydrofuran	72	4.089	4.097	-0.008	56	142854	400.0	455.1	
46 Methacrylonitrile	67	4.155	4.147	0.008	86	2446080	2000.0	2004.1	
47 Chloroform	83	4.171	4.171	0.000	86	2029000	200.0	188.2	
48 Cyclohexane	56	4.278	4.278	0.000	86	1223111	200.0	212.0	
49 1,1,1-Trichloroethane	97	4.311	4.311	0.000	91	2080548	200.0	200.8	
$ 57 Dibromofluoromethane (Surr	113	4.352	4.352	0.000	96	290339	50.0	50.1	
50 Carbon tetrachloride	117	4.435	4.443	-0.008	90	1925435	200.0	204.3	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	96	1314076	200.0	207.2	
52 Benzene	78	4.706	4.706	0.000	97	3357147	200.0	192.6	
138 Isobutyl alcohol	43	4.723	4.723	0.000	91	643066	5000.0	5691.9	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	88	351786	50.0	49.0	
140 Tert-amyl methyl ether	73	4.821	4.822	-0.001	90	2651077	200.0	211.2	
54 1,2-Dichloroethane	62	4.830	4.830	0.000	91	1606863	200.0	187.8	
55 Isopropyl acetate	43	4.854	4.854	0.000	96	1733977	200.0	208.1	
56 n-Heptane	57	4.937	4.929	0.008	81	323087	200.0	205.4	
* 58 Fluorobenzene	96	5.060	5.060	0.000	98	829776	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.332	5.332	0.000	89	2723868	400.0	446.6	
60 Trichloroethene	95	5.471	5.472	-0.001	94	1106862	200.0	197.7	
61 n-Butanol	56	5.521	5.521	0.000	87	259131	5000.0	5662.3	
62 Methylcyclohexane	83	5.603	5.603	0.000	93	1268686	200.0	216.7	
63 Ethyl acrylate	55	5.694	5.694	0.000	98	817194	200.0	231.8	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	80	810487	200.0	198.5	
* 65 1,4-Dioxane-d8	96	5.916	5.916	0.000	43	29125	1000.0	1000.0	
68 Dibromomethane	93	5.965	5.965	0.000	96	678497	200.0	193.7	
66 Methyl methacrylate	100	5.982	5.982	0.000	81	406951	400.0	434.9	
67 1,4-Dioxane	88	5.982	5.990	-0.008	30	98037	4000.0	3449.1	
69 n-Propyl acetate	43	6.072	6.072	0.000	97	790253	200.0	211.8	
70 Dichlorobromomethane	83	6.179	6.179	0.000	95	1628592	200.0	214.9	
71 2-Nitropropane	41	6.615	6.607	0.008	99	363555	400.0	479.3	
72 2-Chloroethyl vinyl ether	63	6.640	6.649	-0.009	90	463055	200.0	201.7	
73 Epichlorohydrin	57	6.747	6.747	0.000	98	1143904	4000.0	4362.4	
74 cis-1,3-Dichloropropene	75	6.796	6.797	-0.001	88	1608762	200.0	223.6	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	94	2989391	1000.0	1061.8	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	99	949450	50.0	49.8	
77 Toluene	91	7.134	7.134	0.000	93	4109084	200.0	193.5	
78 trans-1,3-Dichloropropene	75	7.521	7.521	0.000	94	1506297	200.0	226.4	
79 Ethyl methacrylate	69	7.587	7.587	0.000	86	1099120	200.0	200.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	89	698994	200.0	191.0	
81 Tetrachloroethene	166	7.718	7.718	0.000	89	1214987	200.0	199.9	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	90	1470073	200.0	200.2	
83 2-Hexanone	43	7.982	7.990	-0.008	95	2227015	1000.0	1083.8	
84 Chlorodibromomethane	129	8.080	8.081	-0.001	96	1293743	200.0	226.5	
85 n-Butyl acetate	73	8.105	8.105	0.000	98	183330	200.0	221.9	
86 Ethylene Dibromide	107	8.196	8.196	0.000	99	991602	200.0	204.0	
* 87 Chlorobenzene-d5	117	8.648	8.648	0.000	85	828534	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	92	3110617	200.0	184.8	
89 Ethylbenzene	106	8.763	8.764	-0.001	99	1632170	200.0	195.7	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	88	1342384	200.0	205.0	
91 m-Xylene & p-Xylene	106	8.887	8.887	0.000	98	2061133	200.0	204.9	
92 o-Xylene	106	9.257	9.257	0.000	92	2089322	200.0	213.8	
137 n-Butyl acrylate	73	9.265	9.274	-0.009	97	784983	200.0	221.8	
93 Styrene	104	9.282	9.282	0.000	92	3550073	200.0	209.0	
95 Bromoform	173	9.463	9.463	0.000	96	833865	200.0	224.1	
94 Amyl acetate (mixed isomer	43	9.479	9.480	-0.001	92	1619133	200.0	200.5	
96 Isopropylbenzene	105	9.586	9.587	-0.001	96	5969660	200.0	218.9	
$ 97 4-Bromofluorobenzene	174	9.751	9.759	-0.008	85	395713	50.0	49.3	
98 Camphene	41	9.767	9.768	-0.001	96	319766	200.0	184.1	
99 Bromobenzene	156	9.866	9.866	0.000	98	1599443	200.0	199.2	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	92	1217058	200.0	199.3	
101 N-Propylbenzene	91	9.940	9.940	0.000	98	6740300	200.0	212.1	
102 1,2,3-Trichloropropane	110	9.965	9.965	0.000	84	408825	200.0	191.0	
103 trans-1,4-Dichloro-2-buten	53	9.981	9.982	-0.001	61	356773	200.0	218.3	
104 2-Chlorotoluene	91	10.031	10.031	0.000	95	5110407	200.0	199.3	
105 4-Ethyltoluene	105	10.047	10.047	0.000	97	6019619	200.0	209.4	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	91	5357102	200.0	218.9	
107 4-Chlorotoluene	91	10.138	10.130	0.008	97	4880513	200.0	194.0	
108 Butyl Methacrylate	87	10.204	10.204	0.000	89	1793916	200.0	200.8	
109 tert-Butylbenzene	119	10.368	10.360	0.008	90	4283115	200.0	222.8	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	97	5675570	200.0	217.5	
111 sec-Butylbenzene	105	10.549	10.549	0.000	98	5834624	200.0	219.7	
113 1,3-Dichlorobenzene	146	10.664	10.665	-0.001	94	2938087	200.0	192.8	
112 4-Isopropyltoluene	119	10.664	10.665	-0.001	94	5145825	200.0	214.8	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	86	576171	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.747	10.747	0.000	94	3039291	200.0	183.5	
118 Benzyl chloride	91	10.870	10.870	0.000	98	2619661	200.0	234.1	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	89	5611056	200.0	205.1	
120 p-Diethylbenzene	119	10.977	10.977	0.000	86	3036917	200.0	205.8	
121 n-Butylbenzene	91	10.994	10.994	0.000	97	5490553	200.0	195.1	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	94	3000746	200.0	189.6	
123 1,2,4,5-Tetramethylbenzene	119	11.594	11.595	-0.001	95	5470209	200.0	233.9	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	97	256970	200.0	212.8	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	97	2221300	200.0	191.8	
126 Camphor	95	12.220	12.220	0.000	91	672301	1000.0	998.0	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	93	2030111	200.0	195.3	
128 Hexachlorobutadiene	225	12.376	12.376	0.000	95	769412	200.0	199.5	
130 Naphthalene	128	12.500	12.500	0.000	99	3809985	200.0	225.2	
131 1,2,3-Trichlorobenzene	180	12.705	12.706	-0.001	93	1516777	200.0	199.1	
S 133 1,2-Dichloroethene, Total	100				0			389.5	
S 134 Xylenes, Total	100				0		400.0	418.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			1000.5	

Report Date: 28-May-2014 18:27:22 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68822.D

Injection Date: 28-May-2014 09:33:30 Instrument ID: CVOAMS2 Operator ID:

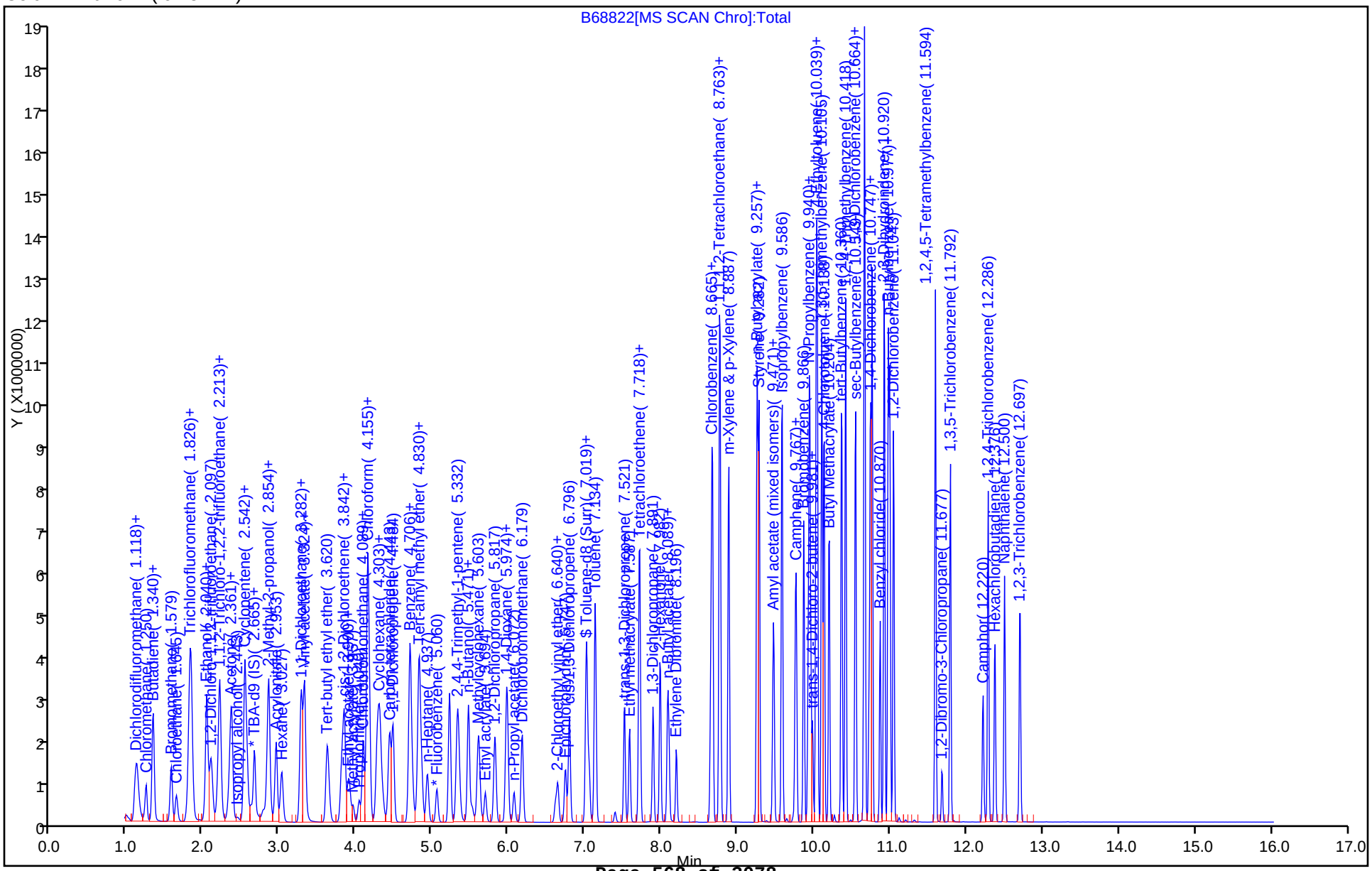
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68823.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 28-May-2014 09:56:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0013868-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:28:42 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: delpolitov Date: 28-May-2014 18:26:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.118	-0.016	66	792547	500.0	473.9	
2 Dichlorodifluoromethane	85	1.118	1.126	-0.008	88	5521475	500.0	452.4	
3 Chloromethane	50	1.242	1.242	0.000	88	2646143	500.0	438.2	
4 Vinyl chloride	62	1.332	1.332	0.000	83	3372678	500.0	465.0	
5 Butadiene	54	1.340	1.332	0.008	85	2476429	500.0	465.1	
7 Bromomethane	94	1.571	1.571	0.000	99	2584667	500.0	500.2	
8 Chloroethane	64	1.637	1.645	-0.008	97	1816984	500.0	418.4	
9 Trichlorofluoromethane	101	1.810	1.809	0.001	73	4836762	500.0	388.4	
10 Dichlorofluoromethane	67	1.810	1.818	-0.008	90	5566808	500.0	426.7	
19 Pentane	72	1.834	1.842	-0.008	94	789329	1000.0	881.4	
139 Ethanol	46	2.023	2.032	-0.009	74	235698	25000	25033	
11 Ethyl ether	59	2.032	2.040	-0.008	90	1643381	500.0	427.0	
13 2-Methyl-1,3-butadiene	53	2.032	2.048	-0.016	95	2034206	500.0	448.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.098	2.098	0.000	83	2473892	500.0	405.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.196	2.196	0.000	97	3014763	500.0	467.6	
15 Acrolein	56	2.196	2.196	0.000	39	82432	400.0	344.1	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	91	2540410	500.0	472.1	
18 Acetone	43	2.320	2.328	-0.008	85	2078629	2500.0	2500.8	
20 Iodomethane	142	2.344	2.353	-0.009	98	5824589	500.0	481.9	
21 Carbon disulfide	76	2.369	2.369	0.000	99	8350757	500.0	542.1	
135 Isopropyl alcohol	45	2.443	2.451	-0.008	98	668511	5000.0	4915.7	
22 Cyclopentene	67	2.534	2.542	-0.008	81	5754023	500.0	503.8	
141 3-Chloro-1-propene	76	2.534	2.542	-0.008	19	1341234	500.0	513.0	
23 Methyl acetate	43	2.567	2.575	-0.008	96	4765620	2500.0	2183.8	
24 Acetonitrile	41	2.616	2.624	-0.008	93	1428632	5000.0	4441.9	
25 Methylene Chloride	84	2.665	2.665	0.000	73	2527785	500.0	454.2	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	51	301451	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.781	2.781	0.000	94	1749026	5000.0	4652.4	
28 Methyl tert-butyl ether	73	2.838	2.846	-0.008	95	6772533	500.0	509.5	
29 trans-1,2-Dichloroethene	96	2.855	2.855	0.000	84	2641781	500.0	468.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	89	4575161	5000.0	4674.5	
32 Hexane	43	3.019	3.027	-0.008	87	1078000	500.0	448.5	
34 1,1-Dichloroethane	63	3.274	3.283	-0.009	94	4322446	500.0	476.7	
33 Isopropyl ether	45	3.274	3.283	-0.009	90	5004087	500.0	492.8	
36 2-Chloro-1,3-butadiene	88	3.324	3.324	0.000	91	2346907	500.0	540.6	
35 Vinyl acetate	43	3.316	3.324	-0.008	80	4737899	1000.0	655.9	M
136 Allyl alcohol	57	3.365	3.373	-0.008	88	405112	12500	12512	
37 Tert-butyl ethyl ether	59	3.620	3.620	0.000	90	6374328	500.0	527.1	
38 2,2-Dichloropropane	77	3.818	3.818	0.000	90	4601453	500.0	490.6	
39 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	91	2818773	500.0	502.0	
40 2-Butanone (MEK)	72	3.892	3.892	0.000	100	892254	2500.0	2525.1	
41 Ethyl acetate	70	3.916	3.916	0.000	98	310585	1000.0	995.6	
42 Methyl acrylate	55	3.957	3.957	0.000	66	1232420	500.0	530.0	
43 Propionitrile	54	4.040	4.040	0.000	94	1713984	5000.0	4611.3	
45 Chlorobromomethane	128	4.089	4.097	-0.008	69	1530982	500.0	503.5	
44 Tetrahydrofuran	72	4.089	4.097	-0.008	55	378244	1000.0	1062.6	
46 Methacrylonitrile	67	4.155	4.147	0.008	84	6432012	5000.0	4872.2	
47 Chloroform	83	4.171	4.171	0.000	88	5319003	500.0	456.2	
48 Cyclohexane	56	4.278	4.278	0.000	85	3157194	500.0	506.0	
49 1,1,1-Trichloroethane	97	4.311	4.311	0.000	88	5439902	500.0	485.4	
$ 57 Dibromofluoromethane (Surr	113	4.353	4.352	0.000	95	307821	50.0	49.1	
50 Carbon tetrachloride	117	4.435	4.443	-0.008	90	5040445	500.0	494.4	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	96	3488992	500.0	508.5	
52 Benzene	78	4.706	4.706	0.000	97	9018797	500.0	495.0	
138 Isobutyl alcohol	43	4.731	4.723	0.008	88	1720281	12500	13425	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	90	374818	50.0	48.2	
140 Tert-amyl methyl ether	73	4.822	4.822	0.000	97	7248987	500.0	533.8	
54 1,2-Dichloroethane	62	4.830	4.830	0.000	91	4096476	500.0	442.5	
55 Isopropyl acetate	43	4.855	4.854	0.000	95	4463824	500.0	495.2	
56 n-Heptane	57	4.929	4.929	0.000	87	792931	500.0	466.1	
* 58 Fluorobenzene	96	5.060	5.060	0.000	98	897522	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.332	5.332	0.000	90	6865496	1000.0	1040.8	
60 Trichloroethene	95	5.472	5.472	0.000	94	3228935	500.0	533.1	
61 n-Butanol	56	5.521	5.521	0.000	86	781835	12500	15063	
62 Methylcyclohexane	83	5.603	5.603	0.000	92	3207397	500.0	506.6	
63 Ethyl acrylate	55	5.694	5.694	0.000	98	2202144	500.0	577.5	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	82	2153477	500.0	487.7	
* 65 1,4-Dioxane-d8	96	5.966	5.916	0.050	36	37171	1000.0	1000.0	M
68 Dibromomethane	93	5.966	5.965	0.001	95	1767538	500.0	466.4	
66 Methyl methacrylate	100	5.982	5.982	0.000	79	1105929	1000.0	1092.7	
67 1,4-Dioxane	88	5.982	5.990	-0.008	30	301886	10000	8321.8	
69 n-Propyl acetate	43	6.073	6.072	0.000	97	2082356	500.0	516.0	
70 Dichlorobromomethane	83	6.179	6.179	0.000	95	4376606	500.0	533.9	
71 2-Nitropropane	41	6.616	6.607	0.009	99	967417	1000.0	1179.0	
72 2-Chloroethyl vinyl ether	63	6.640	6.649	-0.009	89	1227998	500.0	499.8	
73 Epichlorohydrin	57	6.747	6.747	0.000	98	2980879	10000	10875	
74 cis-1,3-Dichloropropene	75	6.797	6.797	0.000	88	4304091	500.0	572.4	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	93	7600240	2500.0	2582.4	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	96	1008306	50.0	50.6	
77 Toluene	91	7.134	7.134	0.000	93	10934730	500.0	492.6	
78 trans-1,3-Dichloropropene	75	7.513	7.521	-0.008	94	4015816	500.0	577.4	
79 Ethyl methacrylate	69	7.587	7.587	0.000	85	2926824	500.0	499.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	88	1776835	500.0	464.4	
81 Tetrachloroethene	166	7.718	7.718	0.000	90	3279029	500.0	516.2	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	89	3786569	500.0	493.3	
83 2-Hexanone	43	7.990	7.990	0.000	93	5708269	2500.0	2657.5	
84 Chlorodibromomethane	129	8.081	8.081	0.000	96	3527308	500.0	590.9	
85 n-Butyl acetate	73	8.105	8.105	0.000	98	492902	500.0	570.8	
86 Ethylene Dibromide	107	8.196	8.196	0.000	98	2609520	500.0	513.7	
* 87 Chlorobenzene-d5	117	8.648	8.648	0.000	60	866124	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	93	8064275	500.0	458.2	
89 Ethylbenzene	106	8.764	8.764	0.000	98	4241139	500.0	486.4	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	88	3542778	500.0	517.5	
91 m-Xylene & p-Xylene	106	8.887	8.887	0.000	98	5303716	500.0	504.3	
92 o-Xylene	106	9.257	9.257	0.000	94	5294634	500.0	518.4	
137 n-Butyl acrylate	73	9.274	9.274	0.000	96	1965279	500.0	531.1	
93 Styrene	104	9.282	9.282	0.000	93	8916051	500.0	502.0	
95 Bromoform	173	9.463	9.463	0.000	96	2282326	500.0	586.7	
94 Amyl acetate (mixed isomer	43	9.480	9.480	0.000	92	4138112	500.0	499.9	
96 Isopropylbenzene	105	9.578	9.587	-0.009	97	13511967	500.0	473.9	
$ 97 4-Bromofluorobenzene	174	9.759	9.759	0.000	86	415001	50.0	49.5	
98 Camphene	41	9.768	9.768	0.000	95	750279	500.0	413.2	
99 Bromobenzene	156	9.866	9.866	0.000	97	4060799	500.0	498.6	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	91	2590295	500.0	418.1	
101 N-Propylbenzene	91	9.940	9.940	0.000	97	13521731	500.0	419.5	
102 1,2,3-Trichloropropane	110	9.965	9.965	0.000	90	1002778	500.0	461.9	
103 trans-1,4-Dichloro-2-buten	53	9.982	9.982	0.000	58	887684	500.0	535.4	
104 2-Chlorotoluene	91	10.031	10.031	0.000	96	12226449	500.0	470.1	
105 4-Ethyltoluene	105	10.047	10.047	0.000	93	13175823	500.0	451.9	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	93	12081367	500.0	486.7	
107 4-Chlorotoluene	91	10.138	10.130	0.008	98	12556175	500.0	492.1	
108 Butyl Methacrylate	87	10.204	10.204	0.000	88	4504868	500.0	499.9	
109 tert-Butylbenzene	119	10.368	10.360	0.008	90	10504425	500.0	538.7	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	97	12501749	500.0	472.2	
111 sec-Butylbenzene	105	10.541	10.549	-0.008	98	12923500	500.0	479.6	
113 1,3-Dichlorobenzene	146	10.665	10.665	0.000	95	7256108	500.0	469.4	
112 4-Isopropyltoluene	119	10.673	10.665	0.008	94	11862193	500.0	488.2	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	84	584482	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.747	10.747	0.000	94	7467394	500.0	444.4	
118 Benzyl chloride	91	10.870	10.870	0.000	98	6883053	500.0	606.5	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	91	12312280	500.0	443.7	
120 p-Diethylbenzene	119	10.977	10.977	0.000	90	7191728	500.0	480.5	
121 n-Butylbenzene	91	10.994	10.994	0.000	97	12385444	500.0	433.8	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	94	7302229	500.0	454.9	
123 1,2,4,5-Tetramethylbenzene	119	11.595	11.595	0.000	97	12054511	500.0	508.1	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	97	681916	500.0	556.6	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	94	5248588	500.0	446.6	
126 Camphor	95	12.220	12.220	0.000	90	2193133	2500.0	2500.2	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	93	4813380	500.0	456.4	
128 Hexachlorobutadiene	225	12.376	12.376	0.000	94	1837238	500.0	500.1	
130 Naphthalene	128	12.500	12.500	0.000	99	9972851	500.0	581.1	
131 1,2,3-Trichlorobenzene	180	12.706	12.706	0.000	93	3832979	500.0	500.1	
S 133 1,2-Dichloroethene, Total	100				0			970.7	
S 134 Xylenes, Total	100				0		1000.0	1022.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			2496.7	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 28-May-2014 18:28:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68823.D

Injection Date: 28-May-2014 09:56:30 Instrument ID: CVOAMS2 Operator ID:

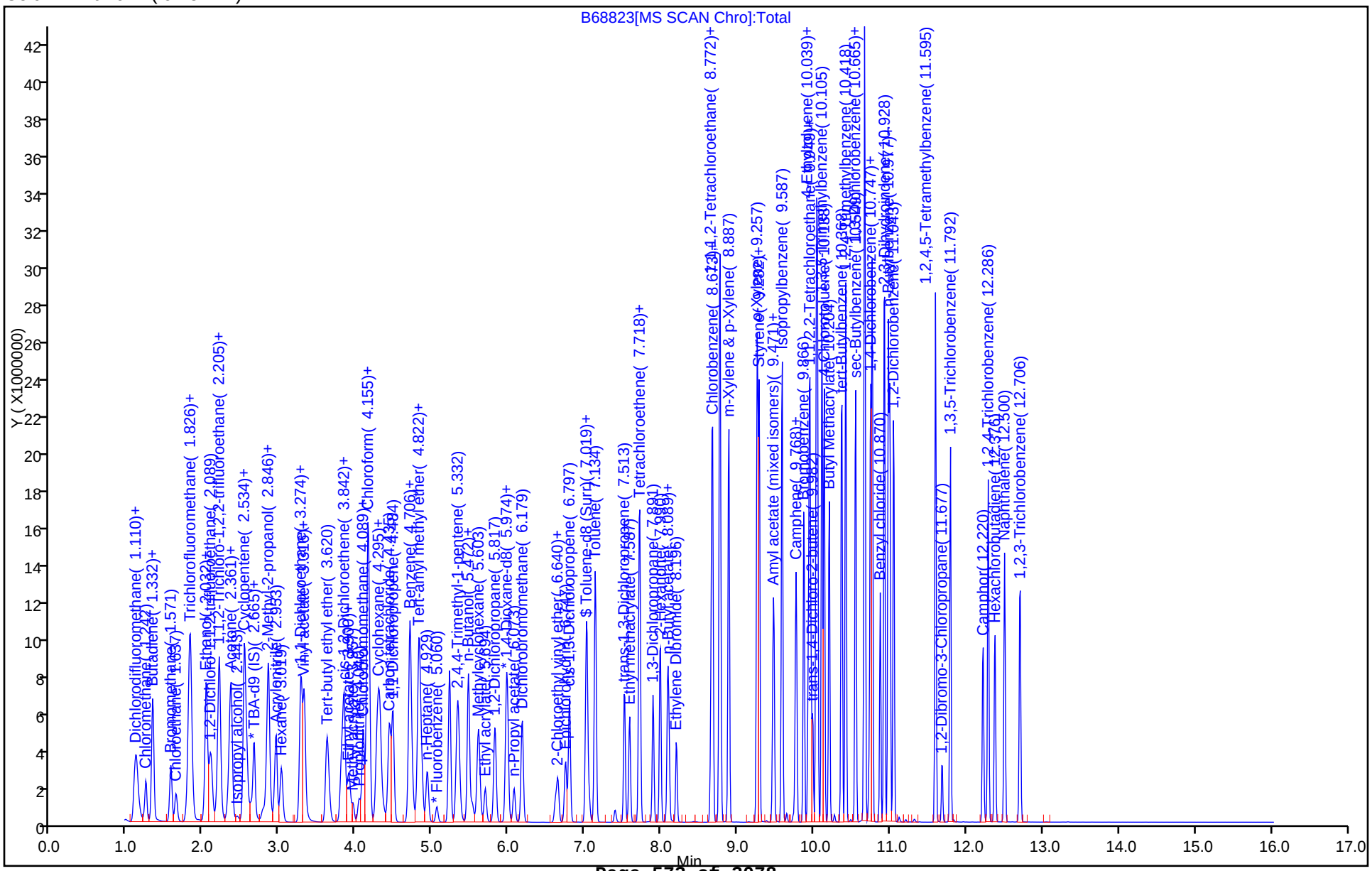
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

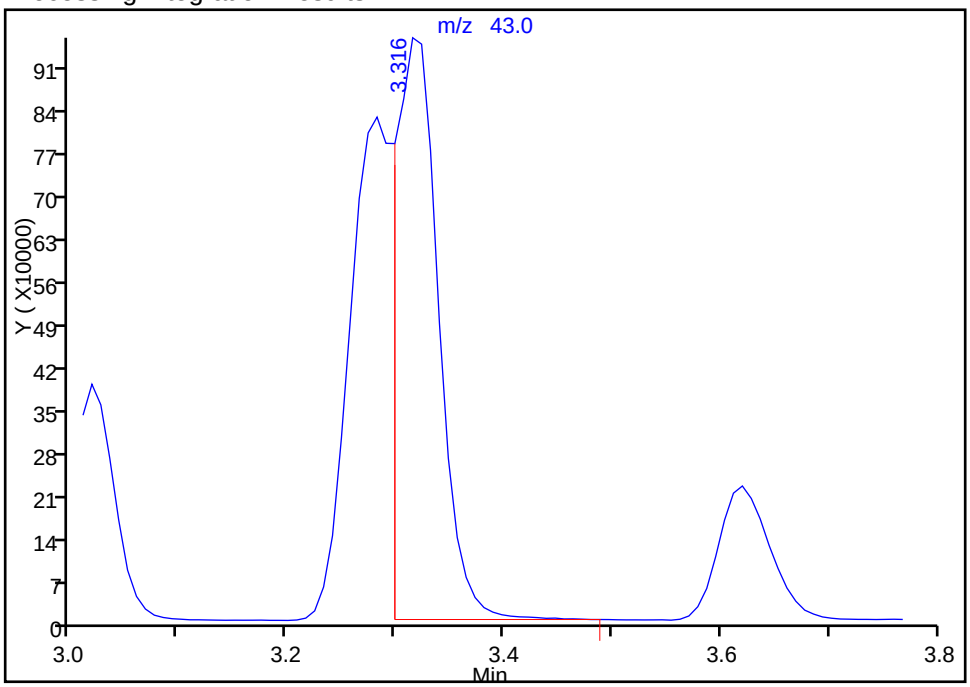
TestAmerica Edison

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Injection Date: 28-May-2014 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Vinyl acetate, CAS: 108-05-4

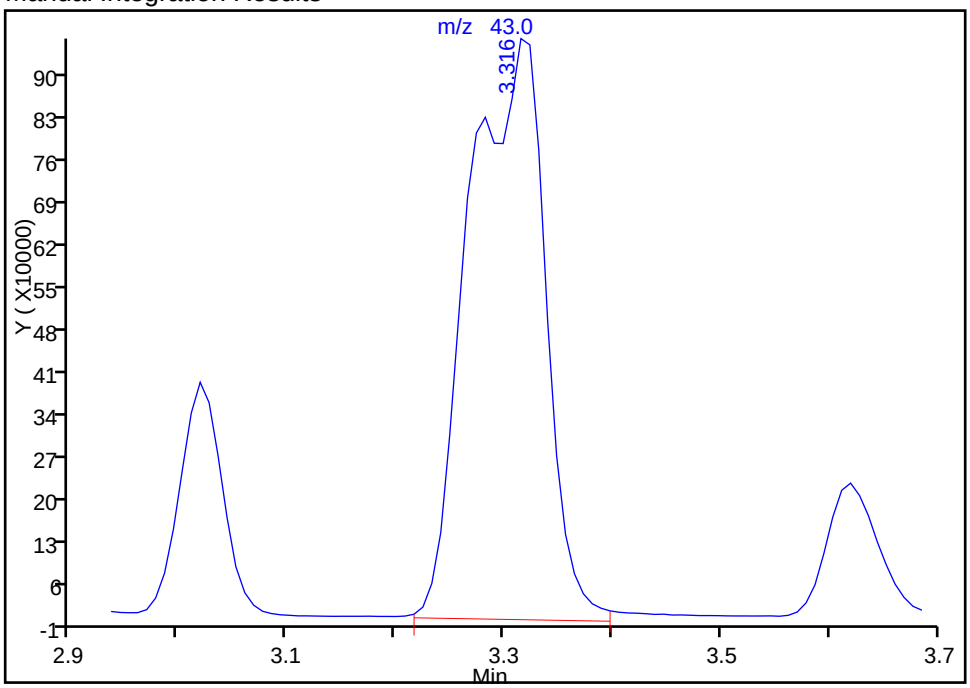
Processing Integration Results

RT: 3.32
Response: 2651129
Amount: 298.4740



Manual Integration Results

RT: 3.32
Response: 4737899
Amount: 655.9416



Reviewer: tupayachia, 28-May-2014 10:53:34
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

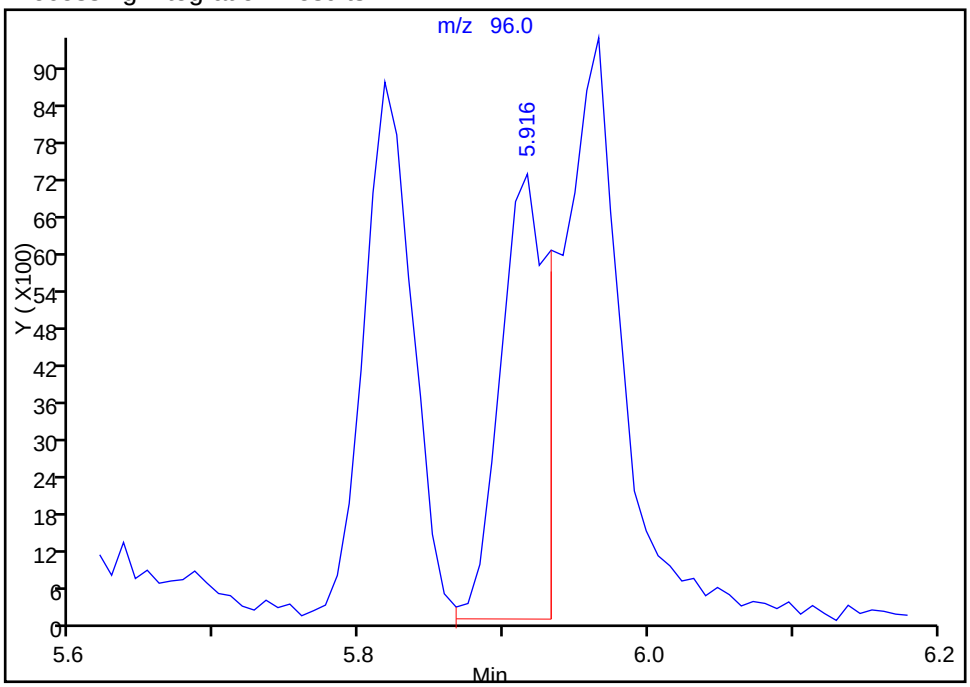
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68823.D
Injection Date: 28-May-2014 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 65 1,4-Dioxane-d8, CAS: 17647-74-4

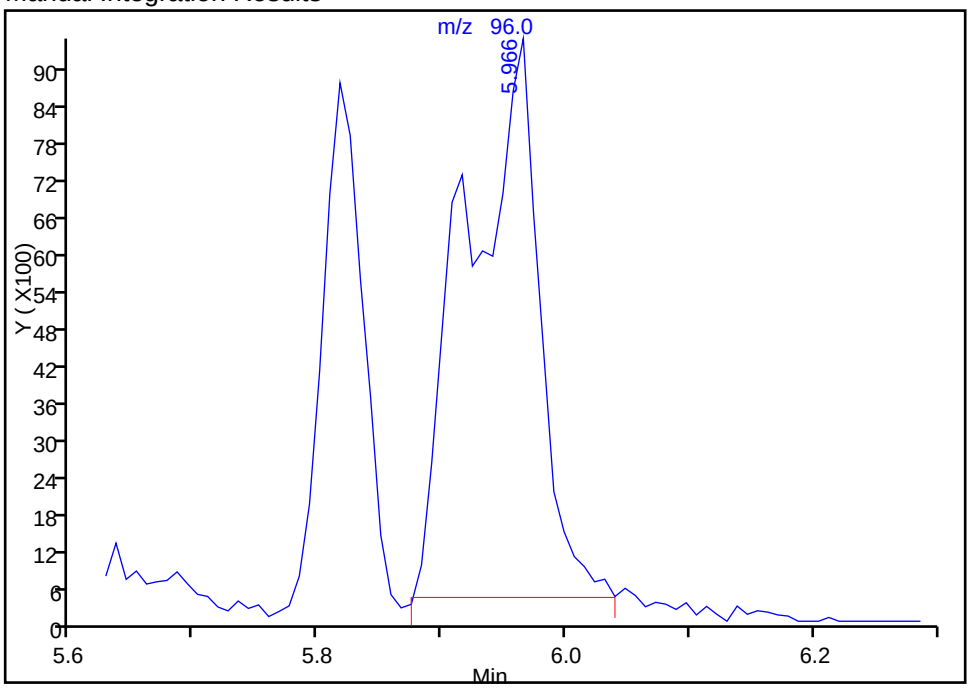
Processing Integration Results

RT: 5.92
Response: 16917
Amount: 1000.0000



Manual Integration Results

RT: 5.97
Response: 37171
Amount: 1000.0000



Reviewer: delpolitov, 28-May-2014 17:10:57
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 28-May-2014 18:26:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-May-2014 12:37:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0013868-016
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:26:57 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: delpolitov Date: 28-May-2014 17:13:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.110	1.118	-0.008	46	1217	1.00	1.06	
2 Dichlorodifluoromethane	85	1.135	1.126	0.009	84	9658	1.00	1.16	
3 Chloromethane	50	1.233	1.242	-0.009	81	5317	1.00	1.29	
4 Vinyl chloride	62	1.324	1.332	-0.008	76	5782	1.00	1.17	
5 Butadiene	54	1.324	1.332	-0.008	83	4459	1.00	1.23	
7 Bromomethane	94	1.554	1.571	-0.017	92	6766	1.00	1.54	
8 Chloroethane	64	1.637	1.645	-0.008	49	3884	1.00	1.31	
9 Trichlorofluoromethane	101	1.801	1.809	-0.008	75	10296	1.00	1.21	
10 Dichlorofluoromethane	67	1.809	1.818	-0.009	81	10491	1.00	1.18	
19 Pentane	72	1.851	1.842	0.009	92	1388	2.00	2.27	
139 Ethanol	46	2.032	2.032	0.000	57	525	50.0	90.3	
11 Ethyl ether	59	2.040	2.040	0.000	80	3379	1.00	1.28	
13 2-Methyl-1,3-butadiene	53	2.040	2.048	-0.008	89	3826	1.00	1.24	
14 1,2-Dichloro-1,1,2-trifluo	117	2.098	2.098	0.000	64	5094	1.00	1.22	
16 1,1,2-Trichloro-1,2,2-trif	101	2.204	2.196	0.008	53	4510	1.00	1.02	
15 Acrolein	56	2.196	2.196	0.000	8	782	4.00	4.95	
17 1,1-Dichloroethene	96	2.213	2.213	0.000	87	4038	1.00	1.10	
18 Acetone	43	2.328	2.328	0.000	65	5937	5.00	9.50	
20 Iodomethane	142	2.344	2.353	-0.009	94	9484	1.00	1.15	
21 Carbon disulfide	76	2.369	2.369	0.000	97	11432	1.00	1.09	
135 Isopropyl alcohol	45	2.460	2.451	0.009	46	939	10.0	10.5	
22 Cyclopentene	67	2.542	2.542	0.000	77	8275	1.00	1.06	
141 3-Chloro-1-propene	76	2.534	2.542	-0.008	1	1844	1.00	1.03	
23 Methyl acetate	43	2.567	2.575	-0.008	89	8667	5.00	5.81	
24 Acetonitrile	41	2.624	2.624	0.000	47	2284	10.0	10.4	
25 Methylene Chloride	84	2.665	2.665	0.000	67	4657	1.00	1.22	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	68	198641	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.789	2.781	0.008	83	3140	10.0	12.7	M
28 Methyl tert-butyl ether	73	2.838	2.846	-0.008	79	9042	1.00	1.00	
29 trans-1,2-Dichloroethene	96	2.855	2.855	0.000	79	4763	1.00	1.24	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.953	2.953	0.000	87	6838	10.0	10.2	
32 Hexane	43	3.027	3.027	0.000	72	2013	1.00	1.23	
34 1,1-Dichloroethane	63	3.274	3.283	-0.009	86	6613	1.00	1.07	
33 Isopropyl ether	45	3.283	3.283	0.000	94	6928	1.00	1.00	
36 2-Chloro-1,3-butadiene	88	3.316	3.324	-0.008	66	2459	1.00	0.8288	
35 Vinyl acetate	43	3.324	3.324	0.000	85	8556	2.00	1.73	
136 Allyl alcohol	57	3.357	3.373	-0.016	1	131	25.0	7.39	M
37 Tert-butyl ethyl ether	59	3.628	3.620	0.008	81	7797	1.00	0.9434	
38 2,2-Dichloropropane	77	3.801	3.818	-0.017	70	7311	1.00	1.14	M
39 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	84	4027	1.00	1.05	
40 2-Butanone (MEK)	72	3.908	3.892	0.016	83	973	5.00	4.18	
41 Ethyl acetate	70	3.916	3.916	0.000	72	404	2.00	1.97	
42 Methyl acrylate	55	3.957	3.957	0.000	27	1052	1.00	0.6620	
43 Propionitrile	54	4.031	4.040	-0.009	90	2421	10.0	9.88	
45 Chlorobromomethane	128	4.089	4.097	-0.008	67	2083	1.00	1.00	
44 Tetrahydrofuran	72	4.097	4.097	0.000	40	355	2.00	1.51	
46 Methacrylonitrile	67	4.147	4.147	0.000	83	7800	10.0	8.65	
47 Chloroform	83	4.171	4.171	0.000	80	8891	1.00	1.12	
48 Cyclohexane	56	4.278	4.278	0.000	81	3865	1.00	0.9064	
49 1,1,1-Trichloroethane	97	4.303	4.311	-0.008	81	8178	1.00	1.07	
$ 57 Dibromofluoromethane (Surr	113	4.344	4.352	-0.008	97	213211	50.0	49.8	
50 Carbon tetrachloride	117	4.435	4.443	-0.008	73	7705	1.00	1.11	
51 1,1-Dichloropropene	75	4.484	4.484	0.000	77	5015	1.00	1.07	
52 Benzene	78	4.698	4.706	-0.008	94	13025	1.00	1.08	
138 Isobutyl alcohol	43	4.731	4.723	0.008	16	2062	25.0	24.4	M
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.739	4.739	0.000	92	264300	50.0	49.8	
140 Tert-amyl methyl ether	73	4.822	4.822	0.000	84	8156	1.00	0.8789	
54 1,2-Dichloroethane	62	4.822	4.830	-0.008	76	6783	1.00	1.07	
55 Isopropyl acetate	43	4.854	4.854	0.000	40	5467	1.00	0.8876	M
56 n-Heptane	57	4.920	4.929	-0.009	73	1316	1.00	1.13	
* 58 Fluorobenzene	96	5.052	5.060	-0.008	98	613346	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.324	5.332	-0.008	85	8403	2.00	1.86	
60 Trichloroethene	95	5.463	5.472	-0.009	83	4177	1.00	1.01	
61 n-Butanol	56	5.521	5.521	0.000	74	702	25.0	20.5	
62 Methylcyclohexane	83	5.595	5.603	-0.008	78	4192	1.00	0.9689	
63 Ethyl acrylate	55	5.702	5.694	0.008	21	1793	1.00	0.6880	
64 1,2-Dichloropropane	63	5.817	5.817	0.000	77	3008	1.00	1.00	
* 65 1,4-Dioxane-d8	96	5.908	5.916	-0.008	78	14962	1000.0	1000.0	
68 Dibromomethane	93	5.957	5.965	-0.008	82	2643	1.00	1.02	
66 Methyl methacrylate	100	5.974	5.982	-0.008	67	1073	2.00	1.55	
67 1,4-Dioxane	88	5.982	5.990	-0.008	23	602	50.0	41.2	M
69 n-Propyl acetate	43	6.072	6.072	0.000	75	2506	1.00	0.9087	
70 Dichlorobromomethane	83	6.171	6.179	-0.008	93	5203	1.00	0.9289	
71 2-Nitropropane	41	6.607	6.607	0.000	74	927	2.00	1.65	
72 2-Chloroethyl vinyl ether	63	6.649	6.649	0.000	53	978	1.00	0.5722	
73 Epichlorohydrin	57	6.747	6.747	0.000	77	2878	20.0	15.8	
74 cis-1,3-Dichloropropene	75	6.797	6.797	0.000	74	4095	1.00	0.8206	
75 4-Methyl-2-pentanone (MIBK	43	7.019	7.019	0.000	49	7741	5.00	3.96	
$ 76 Toluene-d8 (Surr)	98	7.052	7.052	0.000	98	653132	50.0	49.4	
77 Toluene	91	7.134	7.134	0.000	85	16210	1.00	1.10	
78 trans-1,3-Dichloropropene	75	7.513	7.521	-0.008	75	4021	1.00	0.8711	
79 Ethyl methacrylate	69	7.578	7.587	-0.009	56	2141	1.00	0.5725	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.710	7.710	0.000	72	2688	1.00	1.06	
81 Tetrachloroethene	166	7.710	7.718	-0.008	80	4442	1.00	1.05	
82 1,3-Dichloropropane	76	7.891	7.891	0.000	89	4891	1.00	0.9601	
83 2-Hexanone	43	7.982	7.990	-0.008	88	5233	5.00	3.67	
84 Chlorodibromomethane	129	8.081	8.081	0.000	71	3206	1.00	0.8092	
85 n-Butyl acetate	73	8.105	8.105	0.000	81	431	1.00	0.7521	
86 Ethylene Dibromide	107	8.196	8.196	0.000	79	3164	1.00	0.9385	
* 87 Chlorobenzene-d5	117	8.640	8.648	-0.008	89	574788	50.0	50.0	
88 Chlorobenzene	112	8.673	8.673	0.000	83	13517	1.00	1.16	
89 Ethylbenzene	106	8.764	8.764	0.000	98	6010	1.00	1.04	
90 1,1,1,2-Tetrachloroethane	131	8.772	8.772	0.000	78	4535	1.00	1.00	
91 m-Xylene & p-Xylene	106	8.879	8.887	-0.008	97	6570	1.00	0.9413	
92 o-Xylene	106	9.257	9.257	0.000	91	5597	1.00	0.8258	
137 n-Butyl acrylate	73	9.266	9.274	-0.008	88	1672	1.00	0.6809	
93 Styrene	104	9.282	9.282	0.000	86	9238	1.00	0.7838	
95 Bromoform	173	9.463	9.463	0.000	76	2340	1.00	0.9064	
94 Amyl acetate (mixed isomer	43	9.471	9.480	-0.009	85	3335	1.00	0.5565	
96 Isopropylbenzene	105	9.578	9.587	-0.009	94	15429	1.00	0.8155	
$ 97 4-Bromofluorobenzene	174	9.751	9.759	-0.008	86	273177	50.0	49.1	
98 Camphene	41	9.759	9.768	-0.009	42	1500	1.00	1.24	
99 Bromobenzene	156	9.866	9.866	0.000	95	6352	1.00	1.06	
100 1,1,2,2-Tetrachloroethane	83	9.924	9.924	0.000	84	4831	1.00	1.06	
101 N-Propylbenzene	91	9.940	9.940	0.000	98	23435	1.00	0.9872	
102 1,2,3-Trichloropropane	110	9.957	9.965	-0.008	75	1636	1.00	1.02	
103 trans-1,4-Dichloro-2-buten	53	9.982	9.982	0.000	1	1168	1.00	0.9566	
104 2-Chlorotoluene	91	10.031	10.031	0.000	89	18584	1.00	0.9703	
105 4-Ethyltoluene	105	10.039	10.047	-0.008	90	18954	1.00	0.8826	
106 1,3,5-Trimethylbenzene	105	10.105	10.105	0.000	89	15312	1.00	0.8376	
107 4-Chlorotoluene	91	10.130	10.130	0.000	95	19090	1.00	1.02	
108 Butyl Methacrylate	87	10.196	10.204	-0.008	86	3438	1.00	0.5131	
109 tert-Butylbenzene	119	10.360	10.360	0.000	87	11511	1.00	0.8015	
110 1,2,4-Trimethylbenzene	105	10.418	10.418	0.000	94	16070	1.00	0.8242	
111 sec-Butylbenzene	105	10.541	10.549	-0.008	96	16729	1.00	0.8430	
113 1,3-Dichlorobenzene	146	10.656	10.665	-0.009	91	11258	1.00	0.9888	
112 4-Isopropyltoluene	119	10.665	10.665	0.000	86	15090	1.00	0.8432	
* 115 1,4-Dichlorobenzene-d4	152	10.722	10.722	0.000	97	430448	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.739	10.747	-0.008	71	14533	1.00	1.17	
118 Benzyl chloride	91	10.862	10.870	-0.008	85	6404	1.00	0.7662	
119 2,3-Dihydroindene	117	10.920	10.920	0.000	91	17573	1.00	0.8598	
120 p-Diethylbenzene	119	10.977	10.977	0.000	74	9646	1.00	0.8751	
121 n-Butylbenzene	91	10.994	10.994	0.000	92	21251	1.00	1.01	
122 1,2-Dichlorobenzene	146	11.043	11.043	0.000	89	12430	1.00	1.05	
123 1,2,4,5-Tetramethylbenzene	119	11.595	11.595	0.000	94	12312	1.00	0.7046	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.677	0.000	55	841	1.00	0.9321	
125 1,3,5-Trichlorobenzene	180	11.792	11.792	0.000	92	9507	1.00	1.10	
126 Camphor	95	12.212	12.220	-0.008	69	1578	5.00	3.86	
127 1,2,4-Trichlorobenzene	180	12.286	12.286	0.000	87	9171	1.00	1.18	
128 Hexachlorobutadiene	225	12.368	12.376	-0.008	86	4554	1.00	1.52	
130 Naphthalene	128	12.500	12.500	0.000	95	10966	1.00	0.8677	
131 1,2,3-Trichlorobenzene	180	12.697	12.706	-0.009	92	8708	1.00	1.52	
S 133 1,2-Dichloroethene, Total	100				0			2.29	
S 134 Xylenes, Total	100				0		2.00	1.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			4.98	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 28-May-2014 18:26:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2 Operator ID:

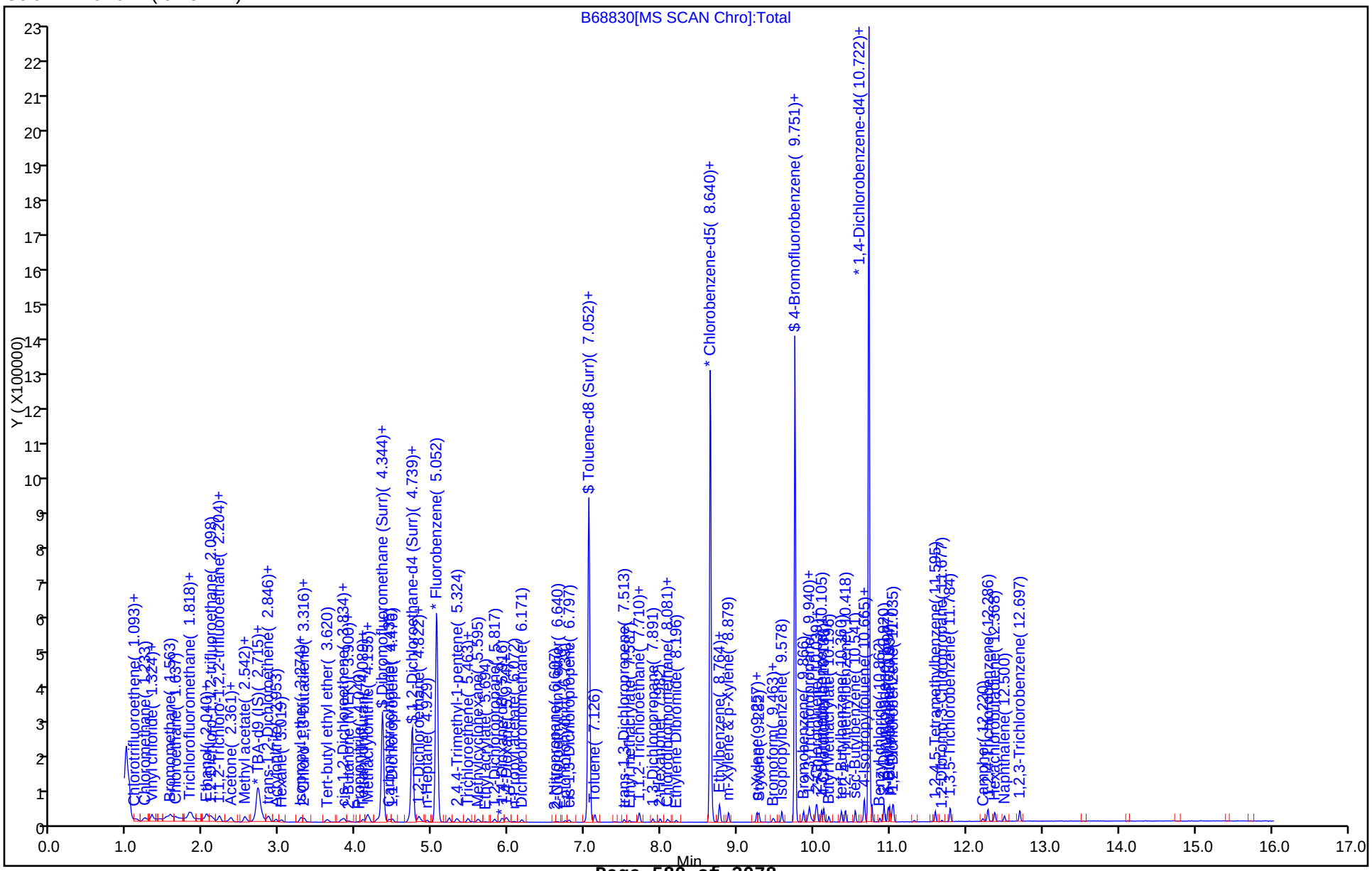
Lims ID: STD1 Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

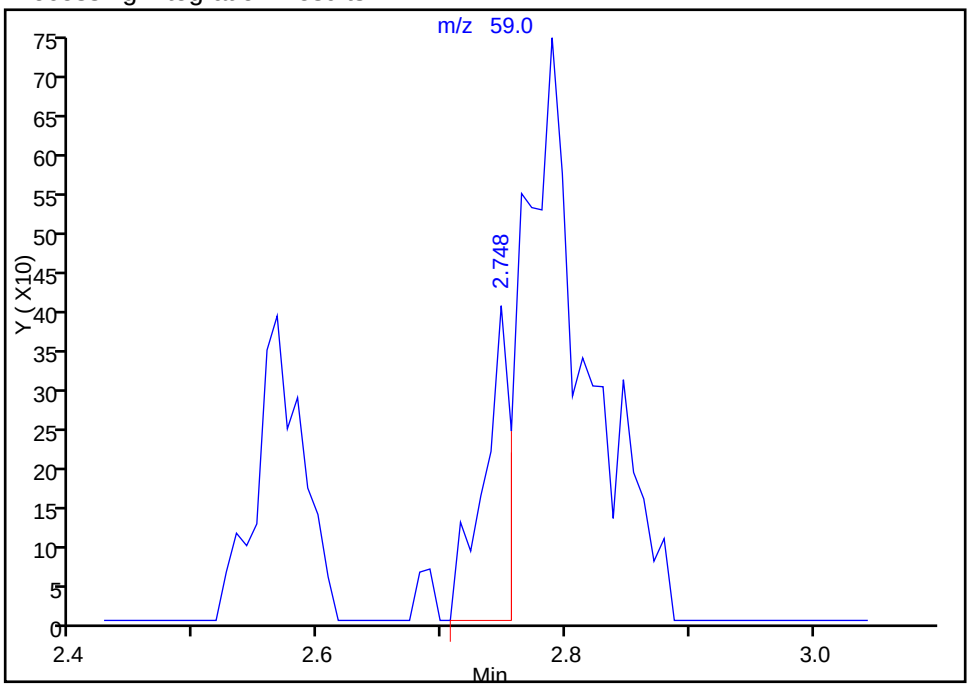
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

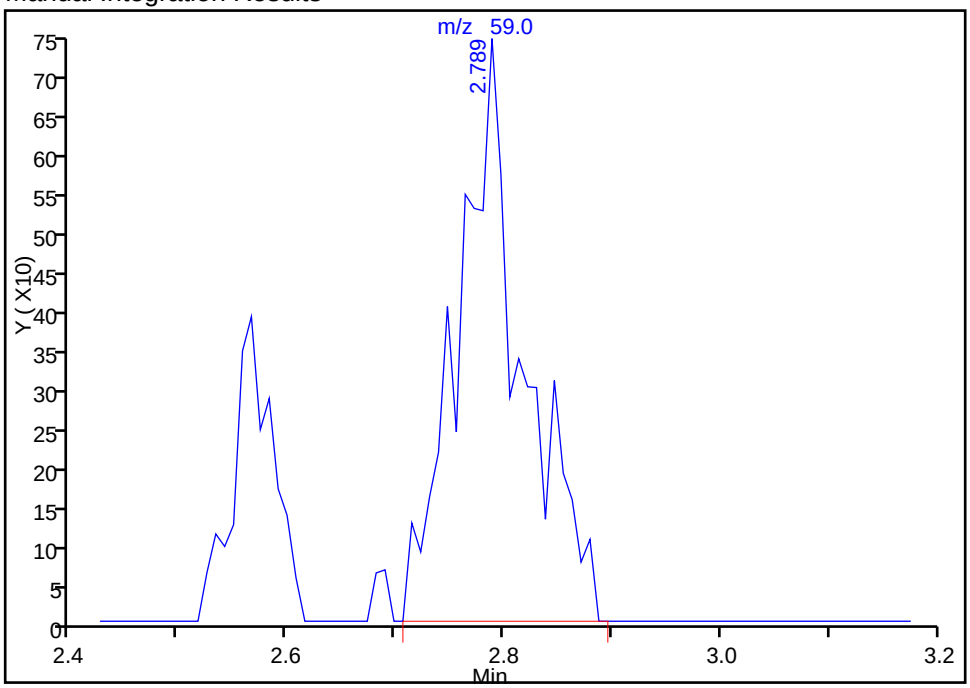
Processing Integration Results

RT: 2.75
Response: 612
Amount: 6.002951



Manual Integration Results

RT: 2.79
Response: 3140
Amount: 12.675303



Reviewer: delpolitov, 28-May-2014 17:13:29
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

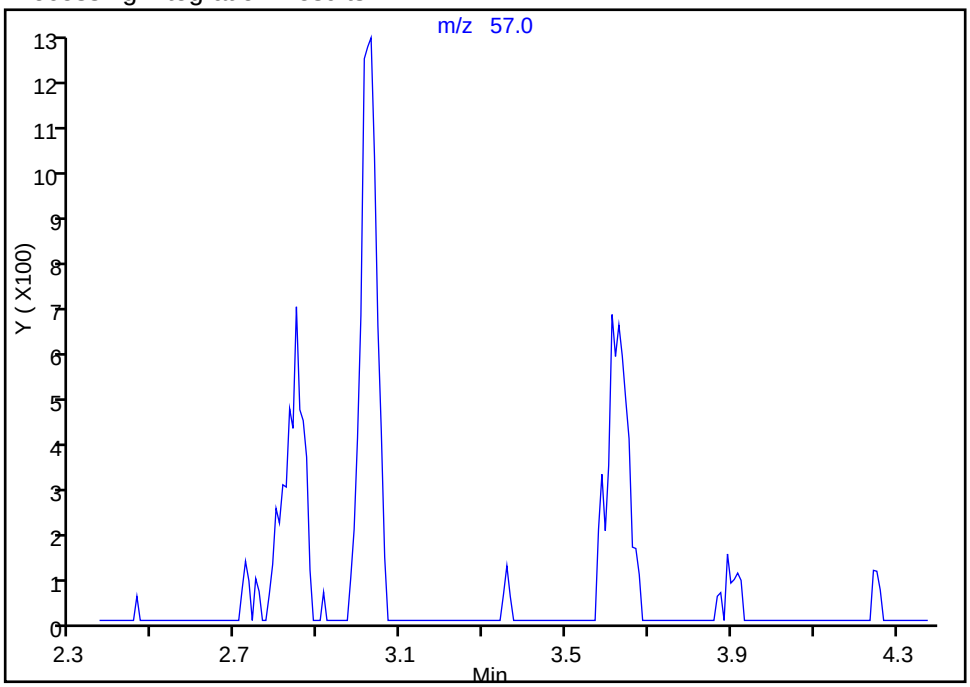
TestAmerica Edison

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Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

136 Allyl alcohol, CAS: 107-18-6

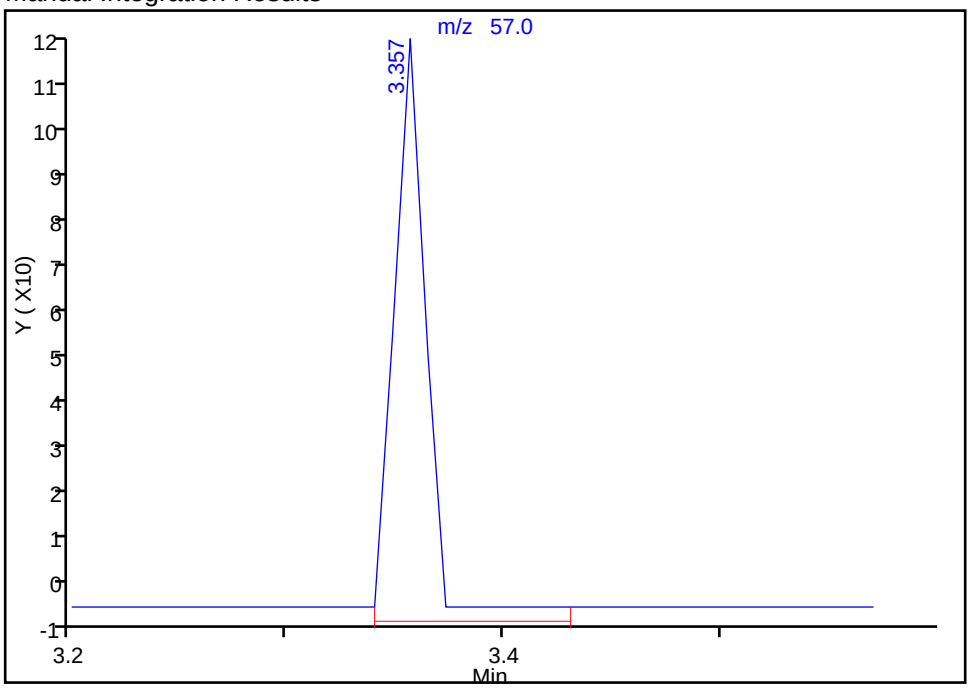
Not Detected
Expected RT: 3.37

Processing Integration Results



Manual Integration Results

RT: 3.36
Response: 131
Amount: 7.387752



Reviewer: delpolitov, 28-May-2014 17:13:29
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

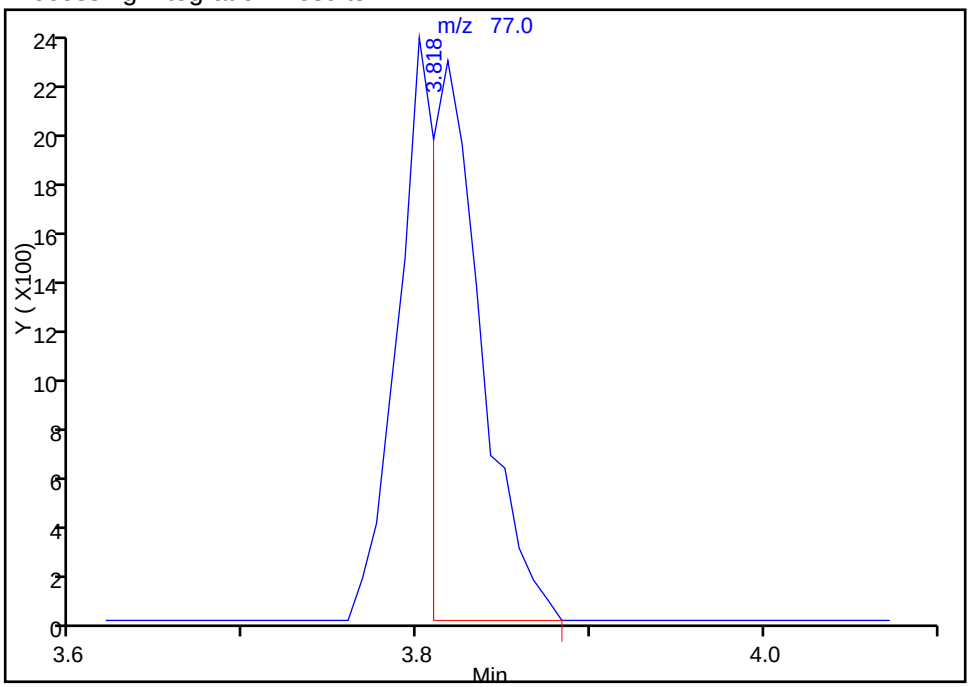
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 2,2-Dichloropropane, CAS: 594-20-7

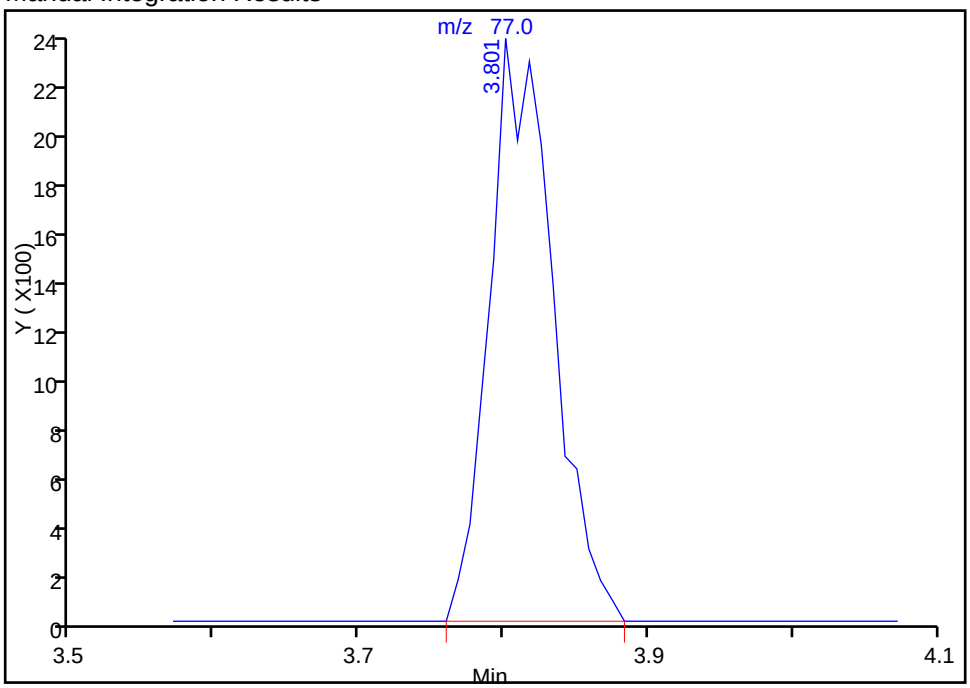
Processing Integration Results

RT: 3.82
Response: 4655
Amount: 0.805122



Manual Integration Results

RT: 3.80
Response: 7311
Amount: 1.140659



Reviewer: delpolitov, 28-May-2014 17:13:29
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

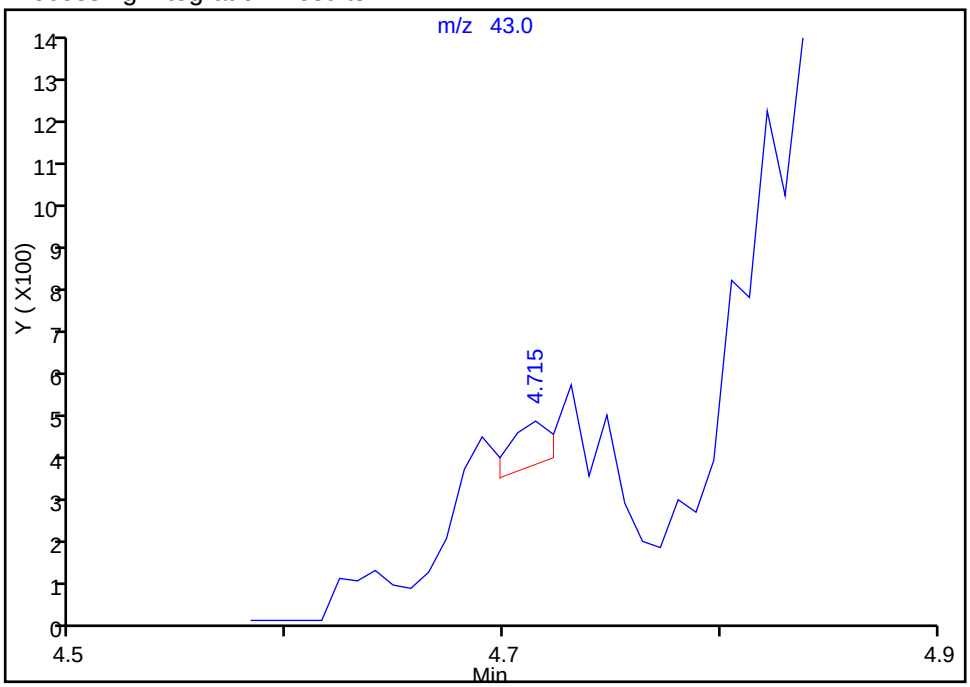
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

138 Isobutyl alcohol, CAS: 78-83-1

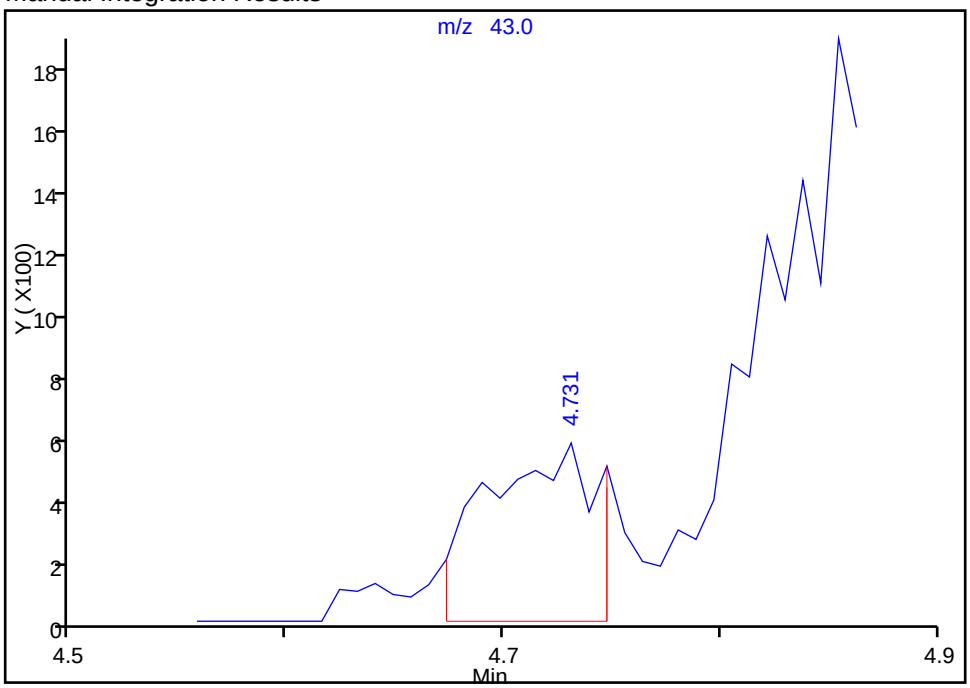
Processing Integration Results

RT: 4.71
Response: 148
Amount: 37.992967



Manual Integration Results

RT: 4.73
Response: 2062
Amount: 24.420992



Reviewer: delpolitov, 28-May-2014 17:13:29
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

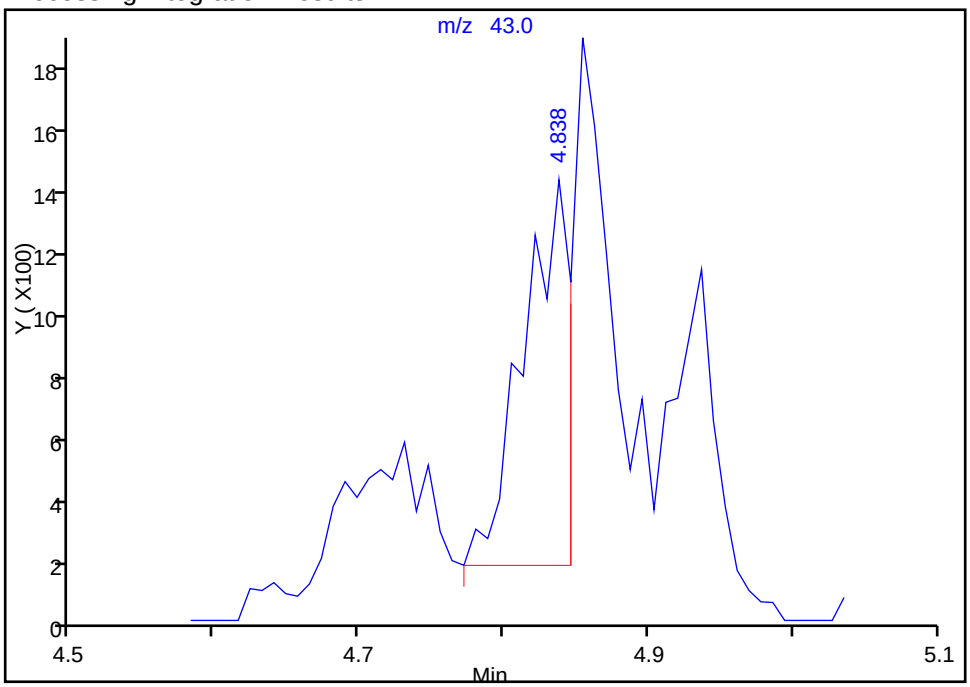
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 Isopropyl acetate, CAS: 108-21-4

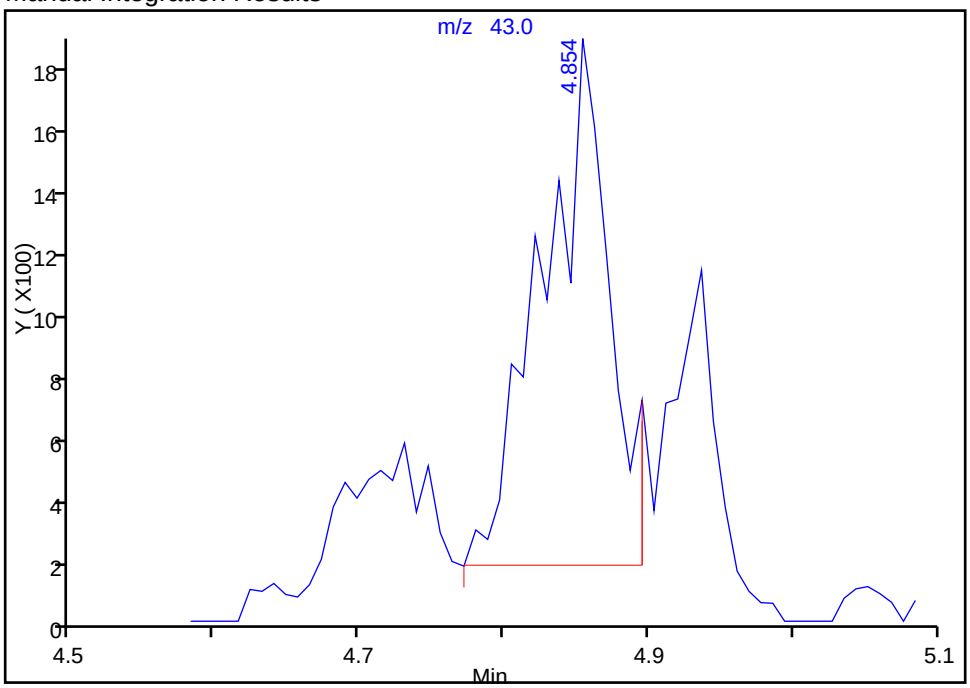
Processing Integration Results

RT: 4.84
Response: 2801
Amount: 0.864506



Manual Integration Results

RT: 4.85
Response: 5467
Amount: 0.887569



Reviewer: delpolitov, 28-May-2014 17:13:29
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

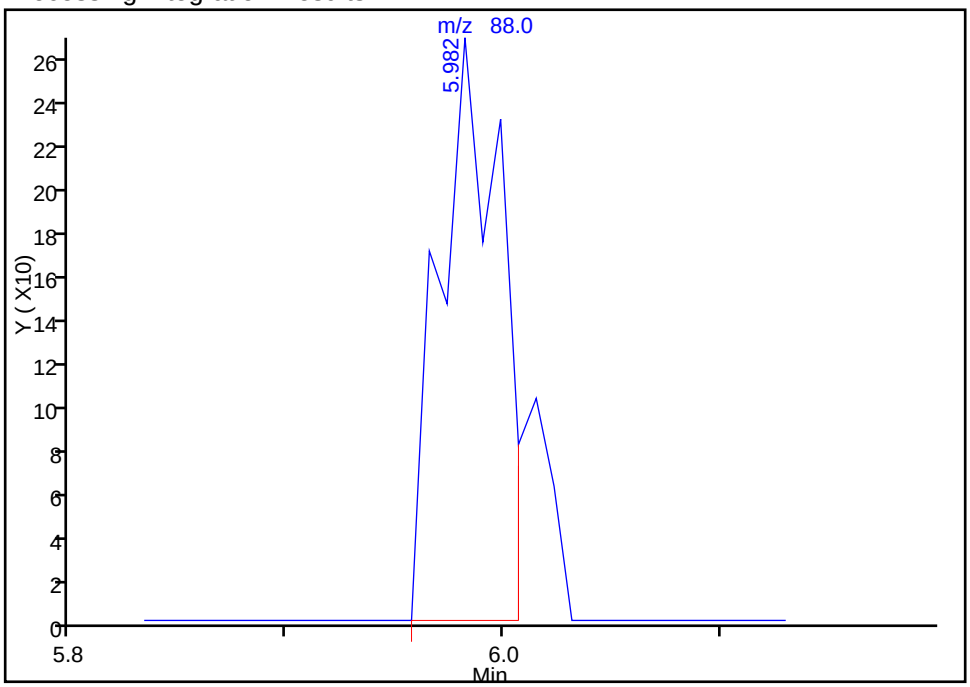
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D
Injection Date: 28-May-2014 12:37:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 1,4-Dioxane, CAS: 123-91-1

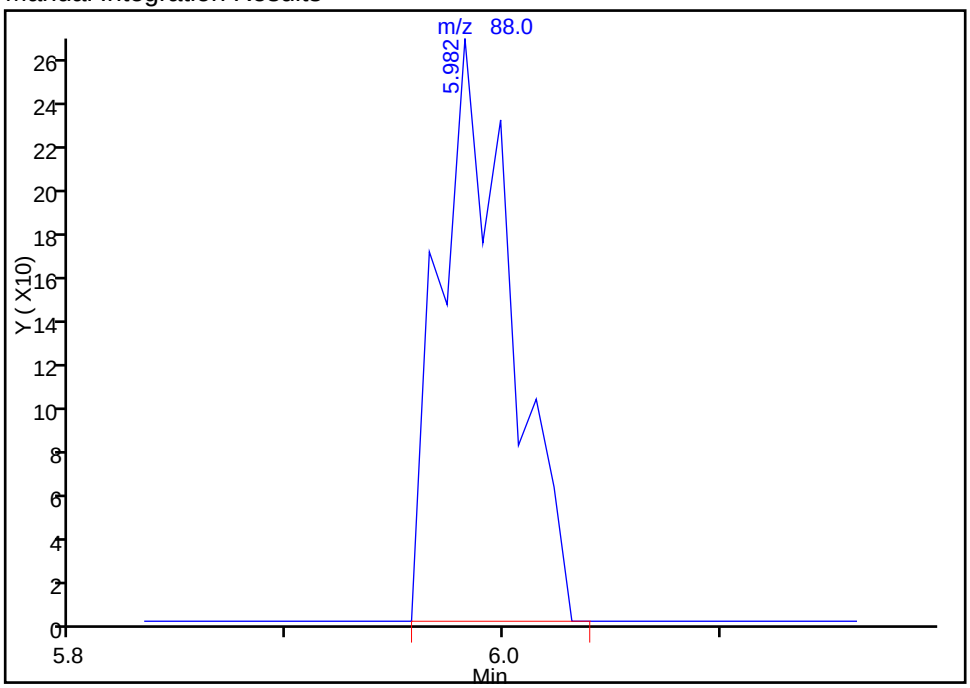
Processing Integration Results

RT: 5.98
Response: 522
Amount: -62.072762



Manual Integration Results

RT: 5.98
Response: 602
Amount: 41.227474



Reviewer: delpolitov, 28-May-2014 17:41:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-228338/3	J13738.D
Level 2	STD5 460-228338/4	J13739.D
Level 3	STD20 460-228338/5	J13740.D
Level 4	STD50 460-228338/6	J13741.D
Level 5	STD200 460-228338/7	J13742.D
Level 6	STD500 460-228338/8	J13743.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								
Chlorotrifluoroethene	0.0624 0.0491	0.0569	0.0509	0.0495	0.0502	Ave		0.0532				10.0		20.0			
Dichlorodifluoromethane	0.3618 0.2987	0.3331	0.3111	0.3109	0.3109	Ave		0.3211			0.1000	7.1		20.0			
Chloromethane	0.3636 0.2855	0.3339	0.3074	0.2897	0.2808	Ave		0.3101			0.1000	11.0		20.0			
Vinyl chloride	0.3081 0.2505	0.2868	0.2716	0.2664	0.2568	Ave		0.2734			0.1000	7.7		20.0			
Butadiene	0.2952 0.2201	0.2657	0.2405	0.2320	0.2283	Ave		0.2470				11.0		20.0			
Bromomethane	0.1413 0.1037	0.1670	0.1305	0.1158	0.1046	Ave		0.1271			0.1000	19.0		20.0			
Chloroethane	4.4086 4.5915	5.5638	4.8205	4.8712	4.5532	Ave		4.8015			0.1000	8.6		20.0			
Dichlorofluoromethane	0.4397 0.3472	0.4256	0.3971	0.3804	0.3644	Ave		0.3924				9.1		20.0			
Trichlorofluoromethane	0.3016 0.2662	0.3083	0.2949	0.2829	0.2796	Ave		0.2889			0.1000	5.4		20.0			
Pentane	1.2053 0.8854	1.1229	1.0052	0.9777	0.9254	Ave		1.0203				12.0		20.0			
Ethanol	0.0281 0.0156	0.0173	0.0180	0.0171	0.0147	QuaF		0.0146	0						0.9990		0.9900
Ethyl ether	0.2383 0.1529	0.1958	0.1680	0.1648	0.1587	Ave		0.1798				18.0		20.0			
2-Methyl-1,3-butadiene	0.2784 0.1629	0.2172	0.1832	0.1821	0.1735	QuaF		0.1812	0						1.0000		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	0.2050 0.1453	0.1708	0.1577	0.1629	0.1645	Ave		0.1677				12.0		20.0			
Freon TF	0.2042 0.2074	0.1799	0.2011	0.2042	0.2060	Ave		0.2005			0.1000	5.1		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
Acrolein	0.6964 0.8252	0.8438	0.7525	0.8096	0.8147	Ave		0.7904				7.0		20.0			
1,1-Dichloroethene	0.2844 0.2173	0.2354	0.2089	0.2084	0.2128	Ave		0.2279			0.1000	13.0		20.0			
Acetone	8.1364 3.2652	5.0865	4.1664	4.0308	3.4990	QuaF		3.7261	0		0.1000				1.0000		0.9900
Iodomethane	0.3204 0.3228	0.3256	0.3031	0.3044	0.3143	Ave		0.3151				3.0		20.0			
Carbon disulfide	1.0516 0.7551	0.8910	0.8354	0.8435	0.8341	Ave		0.8684			0.1000	11.0		20.0			
Isopropyl alcohol	0.7977 0.4547	0.5135	0.4867	0.4994	0.4309	QuaF		0.4278	0						1.0000		0.9900
Allyl chloride	0.1720 0.1471	0.1699	0.1549	0.1437	0.1497	Ave		0.1562				7.7		20.0			
Methyl acetate	0.3372 0.1839	0.3072	0.2784	0.2682	0.2393	Ave		0.2690			0.1000	20.0		20.0			
Cyclopentene	0.8468 0.6345	0.7531	0.7322	0.7038	0.6897	Ave		0.7267				9.8		20.0			
Acetonitrile	1.6792 1.1323	1.3620	1.3004	1.2319	1.1691	Ave		1.3125				15.0		20.0			
Methylene Chloride	0.3352 0.2554	0.2997	0.2584	0.2562	0.2558	Ave		0.2768			0.1000	12.0		20.0			
2-Methyl-2-propanol	3.0039 0.7436	1.2565	0.8669	0.8232	0.7174	QuaF		0.7210	0						1.0000		0.9900
MTBE	0.8824 0.7367	0.8861	0.7959	0.7859	0.7738	Ave		0.8101			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	0.2989 0.2399	0.2545	0.2243	0.2283	0.2342	Ave		0.2467			0.1000	11.0		20.0			
Acrylonitrile	0.1380 0.0924	0.1360	0.1236	0.1199	0.1119	Ave		0.1203				14.0		20.0			
Hexane	0.3857 0.2677	0.2616	0.3030	0.2927	0.2831	Ave		0.2989				15.0		20.0			
Isopropyl ether	1.0801 0.8368	1.1260	1.0458	0.9260	0.9294	Ave		0.9907				11.0		20.0			
1,1-Dichloroethane	0.5752 0.4902	0.5675	0.5163	0.5068	0.5087	Ave		0.5275			0.2000	6.7		20.0			
Vinyl acetate	0.6844 0.4291	0.6574	0.6092	0.5730	0.5136	Ave		0.5778				16.0		20.0			
Allyl alcohol	0.1950 0.1152	0.1155	0.1145	0.1188	0.1044	QuaF		0.1004	0						1.0000		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
2-Chloro-1,3-butadiene	0.2567 0.2266	0.2361	0.2226	0.2144	0.2172	Ave		0.2289				6.8		20.0			
Tert-butyl ethyl ether	1.0051 0.7736	0.9888	0.9107	0.8317	0.8274	Ave		0.8895				11.0		20.0			
2,2-Dichloropropane	0.5066 0.3723	0.4278	0.3910	0.3814	0.3768	Ave		0.4093				13.0		20.0			
cis-1,2-Dichloroethene	0.3067 0.2625	0.2799	0.2553	0.2541	0.2546	Ave		0.2688			0.1000	7.8		20.0			
2-Butanone	1.4016 1.0302	1.2470	1.0708	1.0901	1.0366	Ave		1.1461			0.1000	13.0		20.0			
Ethyl acetate	0.7976 0.4835	0.7298	0.6554	0.6246	0.5749	Ave		0.6443				17.0		20.0			
Methyl acrylate	0.3771 0.2838	0.3246	0.3085	0.2898	0.2830	Ave		0.3111				12.0		20.0			
Propionitrile	1.6019 1.2773	1.5043	1.4601	1.3731	1.3254	Ave		1.4237				8.5		20.0			
Bromochloromethane	0.1088 0.1176	0.1249	0.1063	0.1038	0.1134	Ave		0.1125				7.0		20.0			
Tetrahydrofuran	1.8292 1.1694	1.6714	1.3204	1.2159	1.1770	Ave		1.3972				20.0		20.0			
Methacrylonitrile	0.1352 0.0963	0.1420	0.1327	0.1252	0.1161	Ave		0.1246				13.0		20.0			
Chloroform	0.4996 0.4209	0.4739	0.4431	0.4350	0.4363	Ave		0.4515			0.2000	6.5		20.0			
Cyclohexane	0.5076 0.4015	0.3825	0.4248	0.4260	0.4149	Ave		0.4262			0.1000	10.0		20.0			
1,1,1-Trichloroethane	0.4484 0.3629	0.3644	0.3545	0.3489	0.3549	Ave		0.3723			0.1000	10.0		20.0			
Carbon tetrachloride	0.3014 0.2863	0.2651	0.2552	0.2583	0.2771	Ave		0.2739			0.1000	6.5		20.0			
1,1-Dichloropropene	0.3779 0.3339	0.3441	0.3373	0.3336	0.3347	Ave		0.3436				5.0		20.0			
Isobutyl alcohol	0.6005 0.4003	0.4187	0.3754	0.4092	0.3745	Ave		0.4298				20.0		20.0			
2,2,4-Trimethylpentane	0.7403 0.4968	0.5654	0.5524	0.5350	0.5193	Ave		0.5682				15.0		20.0			
Benzene	1.6231 1.2828	1.5820	1.4807	1.4683	1.4303	Ave		1.4779			0.5000	8.1		20.0			
Isopropyl acetate	1.0002 0.7413	0.9875	0.9265	0.8506	0.8108	Ave		0.8861				12.0		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
Tert-amyl methyl ether	0.8572 0.7072	0.8957	0.7828	0.7377	0.7279	Ave		0.7847				9.7		20.0			
1,2-Dichloroethane	0.4428 0.3576	0.4045	0.3759	0.3671	0.3638	Ave		0.3853			0.1000	8.5		20.0			
n-Heptane	0.1624 0.1122	0.1261	0.1291	0.1259	0.1172	Ave		0.1288				14.0		20.0			
2,4,4-Trimethyl-1-pentene	0.5271 0.4042	0.4820	0.4828	0.4658	0.4506	Ave		0.4687				8.7		20.0			
n-Butanol	0.2551 0.1992	0.2026	0.1826	0.1972	0.1812	Ave		0.2030				13.0		20.0			
Trichloroethene	0.2901 0.2518	0.2523	0.2393	0.2426	0.2461	Ave		0.2537			0.2000	7.3		20.0			
Ethyl acrylate	0.7963 0.6028	0.6900	0.7018	0.6737	0.6443	Ave		0.6848				9.5		20.0			
Methylcyclohexane	0.3426 0.2784	0.2627	0.3025	0.2957	0.2876	Ave		0.2949			0.1000	9.2		20.0			
1,2-Dichloropropane	0.3303 0.2784	0.3235	0.2894	0.2848	0.2838	Ave		0.2984			0.1000	7.5		20.0			
Methyl methacrylate	0.0820 0.0684	0.0718	0.0681	0.0670	0.0657	Ave		0.0705				8.5		20.0			
1,4-Dioxane	1.1555 0.6047	1.0314	0.6888	0.6935	0.5807	QuaF		0.5855	0						0.9990		0.9900
n-Propyl acetate	0.6994 0.4276	0.5493	0.4999	0.4763	0.4549	Ave		0.5179				19.0		20.0			
Dibromomethane	0.2001 0.1558	0.1681	0.1538	0.1531	0.1535	Ave		0.1641				11.0		20.0			
Bromodichloromethane	0.3596 0.3297	0.3261	0.3048	0.3028	0.3198	Ave		0.3238			0.2000	6.4		20.0			
2-Chloroethyl vinyl ether	0.2301 0.1956	0.2107	0.2057	0.1958	0.1960	Ave		0.2057				6.6		20.0			
2-Nitropropane	0.0510 0.0678	0.0500	0.0516	0.0516	0.0609	Ave		0.0555				13.0		20.0			
Epichlorohydrin	0.0369 0.0260	0.0315	0.0291	0.0280	0.0273	Ave		0.0298				13.0		20.0			
cis-1,3-Dichloropropene	0.7014 0.5876	0.6571	0.6026	0.6097	0.6117	Ave		0.6283			0.2000	6.8		20.0			
4-Methyl-2-pentanone	0.5116 0.3154	0.4792	0.4418	0.4326	0.3979	Ave		0.4298			0.1000	16.0		20.0			
Toluene	1.6509 1.1915	1.4533	1.3738	1.3535	1.3232	Ave		1.3911			0.4000	11.0		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
trans-1,3-Dichloropropene	0.6017 0.5190	0.5425	0.5362	0.5308	0.5360	Ave		0.5444			0.1000	5.4		20.0			
Ethyl methacrylate	0.4075 0.3494	0.4123	0.3677	0.3598	0.3555	Ave		0.3754				7.3		20.0			
1,1,2-Trichloroethane	0.3387 0.2681	0.2972	0.2769	0.2728	0.2751	Ave		0.2881			0.1000	9.3		20.0			
Tetrachloroethene	0.2856 0.2531	0.2334	0.2393	0.2359	0.2476	Ave		0.2491			0.2000	7.8		20.0			
1,3-Dichloropropane	0.6532 0.5304	0.6305	0.5764	0.5624	0.5582	Ave		0.5852				8.0		20.0			
2-Hexanone	4.2722 3.3200	3.9768	3.6809	3.6899	3.4786	Ave		3.7364			0.1000	9.2		20.0			
n-Butyl acetate	0.7758 0.5695	0.6980	0.6664	0.6316	0.6055	Ave		0.6578				11.0		20.0			
Dibromochloromethane	0.2700 0.2946	0.2281	0.2273	0.2420	0.2752	Ave		0.2562			0.1000	11.0		20.0			
1,2-Dibromoethane	0.3673 0.2972	0.3474	0.3012	0.3045	0.2995	Ave		0.3195			0.1000	9.4		20.0			
Chlorobenzene	0.9472 0.7743	0.8703	0.8072	0.7886	0.7889	Ave		0.8294			0.5000	8.1		20.0			
Ethylbenzene	0.5479 0.4379	0.4342	0.4216	0.4199	0.4337	Ave		0.4492			0.1000	11.0		20.0			
1,1,1,2-Tetrachloroethane	0.2617 0.2822	0.2371	0.2378	0.2462	0.2669	Ave		0.2553				7.0		20.0			
m&p-Xylene	0.6657 0.5234	0.5535	0.5255	0.5169	0.5245	Ave		0.5516			0.1000	10.0		20.0			
n-Butyl acrylate	0.3275 0.2894	0.3050	0.3137	0.2986	0.2921	Ave		0.3044				4.7		20.0			
o-Xylene	0.6007 0.5287	0.5563	0.5197	0.5126	0.5250	Ave		0.5405			0.3000	6.1		20.0			
Styrene	1.1362 0.8981	0.9598	0.9464	0.9244	0.9301	Ave		0.9658			0.3000	8.9		20.0			
Amyl acetate (mixed isomers)	1.5609 1.2403	1.5840	1.5918	1.4659	1.3978	Ave		1.4734				9.3		20.0			
Bromoform	0.1579 0.1880	0.1222	0.1126	0.1251	0.1553	Ave		0.1435			0.1000	20.0		20.0			
Isopropylbenzene	1.4182 1.0694	1.1689	1.2060	1.1975	1.1605	Ave		1.2034			0.1000	9.6		20.0			
Camphene	0.0909 0.0839	0.1061	0.0944	0.0931	0.0890	Ave		0.0929				8.0		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
Bromobenzene	0.7103 0.6169	0.6377	0.6055	0.5776	0.5948	Ave		0.6238				7.5		20.0			
1,1,2,2-Tetrachloroethane	0.9534 0.8054	0.9580	0.8434	0.8386	0.8325	Ave		0.8719			0.3000	7.6		20.0			
N-Propylbenzene	3.6989 2.2670	2.9970	3.0506	3.0225	2.8367	Ave		2.9788				15.0		20.0			
1,2,3-Trichloropropane	0.2811 0.2261	0.2735	0.2231	0.2198	0.2202	Ave		0.2406				12.0		20.0			
trans-1,4-Dichloro-2-butene	0.3886 0.2881	0.3010	0.2828	0.2881	0.2990	Ave		0.3080				13.0		20.0			
2-Chlorotoluene	2.7339 1.7920	2.3632	2.3177	2.2211	2.1812	Ave		2.2682				13.0		20.0			
4-Ethyltoluene	2.8467 1.9973	2.6914	2.6117	2.4766	2.4214	Ave		2.5075				12.0		20.0			
1,3,5-Trimethylbenzene	2.4869 1.7358	2.0654	2.1486	2.0438	1.9815	Ave		2.0770				12.0		20.0			
4-Chlorotoluene	2.6519 1.7688	2.2143	2.1882	2.0980	2.0399	Ave		2.1602				13.0		20.0			
Butyl Methacrylate	0.9184 0.9061	0.9696	0.9771	0.9174	0.9258	Ave		0.9357				3.2		20.0			
tert-Butylbenzene	1.7905 1.3702	1.4403	1.5093	1.4706	1.4700	Ave		1.5085				9.7		20.0			
1,2,4-Trimethylbenzene	2.7923 1.8076	2.3113	2.2311	2.1458	2.1183	Ave		2.2344				14.0		20.0			
sec-Butylbenzene	2.7275 1.7974	2.1137	2.2815	2.1689	2.0902	Ave		2.1965				14.0		20.0			
4-Isopropyltoluene	2.2878 1.6319	1.7377	1.9407	1.8872	1.9345	Ave		1.9033				12.0		20.0			
1,3-Dichlorobenzene	1.2827 1.1242	1.0874	1.0831	1.0997	1.1891	Ave		1.1444			0.6000	6.8		20.0			
1,4-Dichlorobenzene	1.2645 1.1816	1.1992	1.1380	1.1378	1.2212	Ave		1.1904			0.5000	4.1		20.0			
Benzyl chloride	1.9027 1.5230	1.7757	1.7933	1.6903	1.7262	Ave		1.7352				7.3		20.0			
Indan	2.5080 1.8208	2.3666	2.3108	2.1564	2.1372	Ave		2.2166				11.0		20.0			
p-Diethylbenzene	1.3947 1.0627	1.1895	1.1210	1.0792	1.1103	Ave		1.1596				11.0		20.0			
n-Butylbenzene	2.9189 1.8302	2.2150	2.3397	2.2786	2.1622	Ave		2.2908				16.0		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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								
1,2-Dichlorobenzene	1.2897 1.1216	1.1361	1.1060	1.0983	1.1394	Ave		1.1485			0.4000	6.2		20.0			
1,2,4,5-Tetramethylbenzene	2.3291 1.5667	2.0965	2.0203	1.9268	1.9192	Ave		1.9764				13.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1858 0.1785	0.1859	0.1674	0.1705	0.1851	Ave		0.1789			0.0500	4.6		20.0			
1,3,5-Trichlorobenzene	0.7482 0.6459	0.6819	0.6576	0.6300	0.6668	Ave		0.6717				6.2		20.0			
Camphor	0.1174 0.0767	0.0994	0.0891	0.0875	0.0812	Ave		0.0919				16.0		20.0			
1,2,4-Trichlorobenzene	0.8079 0.6673	0.6514	0.6482	0.6567	0.6806	Ave		0.6853			0.2000	8.9		20.0			
Hexachlorobutadiene	0.2946 0.2067	0.1955	0.2116	0.2117	0.2112	Ave		0.2219				16.0		20.0			
Naphthalene	3.0816 1.9528	2.6137	2.4158	2.3747	2.3094	Ave		2.4580				15.0		20.0			
1,2,3-Trichlorobenzene	0.7666 0.6229	0.6285	0.6211	0.6175	0.6386	Ave		0.6492				8.9		20.0			
Dibromofluoromethane (Surr)	0.2354 0.2513	0.2395	0.2457	0.2375	0.2462	Ave		0.2426				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3612 0.3692	0.3572	0.3697	0.3632	0.3670	Ave		0.3646				1.3		20.0			
Toluene-d8 (Surr)	1.3939 1.3104	1.3688	1.4346	1.3807	1.3696	Ave		1.3763				2.9		20.0			
Bromofluorobenzene	0.3175 0.3272	0.3118	0.3248	0.3173	0.3213	Ave		0.3200				1.8		20.0			

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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-228338/3	J13738.D
Level 2	STD5 460-228338/4	J13739.D
Level 3	STD20 460-228338/5	J13740.D
Level 4	STD50 460-228338/6	J13741.D
Level 5	STD200 460-228338/7	J13742.D
Level 6	STD500 460-228338/8	J13743.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
Chlorotrifluoroethene	FB	Ave	906 363514	4081	14221	35841	146793	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5252 2210271	23912	86903	224923	909825	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5278 2112341	23966	85859	209551	821841	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4473 1853873	20582	75866	192735	751402	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4285 1628359	19070	67190	167834	667974	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2052 767028	11986	36441	83789	305954	1.00 500	5.00	20.0	50.0	200
Chloroethane	TBA	Ave	1869 1006165	11827	40080	101604	395087	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6383 2569282	30551	110932	275174	1066337	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	4378 1969706	22131	82375	204690	818097	1.00 500	5.00	20.0	50.0	200
Pentane	TBA	Ave	1022 388028	4774	16715	40785	160593	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	595 171304	1844	7496	17859	63790	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	3459 1131205	14054	46929	119249	464525	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	QuaF	4041 1205567	15592	51168	131703	507832	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2976 1075363	12257	44051	117817	481374	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	2964 1535022	12913	56169	147735	602797	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	1181 144672	7175	12514	33775	70692	4.00 400	20.0	40.0	100	200

FORM VI

GC/MS VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
1,1-Dichloroethene	FB	Ave	4129 1608346	16898	58353	150787	622586	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	17247 3577686	54062	173205	420374	1518061	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	4651 2388393	23368	84680	220202	919752	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	15266 5587917	63951	233360	610168	2440717	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	3382 996495	10916	40469	104161	373902	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	2497 1088416	12196	43265	103936	438161	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	24474 6803714	110249	388841	969929	3501802	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	12294 4695069	54058	204523	509156	2018321	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBA	Ave	7119 2481369	28953	108125	256947	1014467	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4867 1890234	21512	72180	185354	748492	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	12735 1629531	26710	72077	171707	622516	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	12811 5451690	63601	222325	568557	2264240	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4340 1775424	18265	62649	165160	685206	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	20029 6834836	97640	345188	867023	3275676	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5599 1980710	18777	84639	211710	828319	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	15680 6192583	80820	292137	669886	2719667	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8350 3627784	40736	144226	366595	1488683	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	19873 6350979	94365	340349	829025	3005602	2.00 1000	10.0	40.0	100	400
Allyl alcohol	TBA	QuaF	2067 630924	6138	23800	61966	226535	25.0 12500	125	500	1250	5000
2-Chloro-1,3-butadiene	FB	Ave	3727 1676964	16943	62168	155070	635687	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	14591 5724268	70969	254394	601659	2421254	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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
2,2-Dichloropropane	FB	Ave	7354 2755137	30709	109207	275912	1102475	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4452 1942118	20091	71307	183807	745090	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	2971 1128806	13254	44517	113687	449734	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	23157 7155772	104770	366166	903709	3364371	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	5474 2100203	23298	86164	209633	828048	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	6791 2799008	31978	121399	286401	1150061	10.0 5000	50.0	200	500	2000
Bromochloromethane	FB	Ave	1580 870598	8965	29686	75092	331982	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	TBA	Ave	1551 512510	7106	21957	50721	204257	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	19629 7129411	101909	370813	905792	3397450	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	7253 3114425	34017	123777	314674	1276650	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	7369 2971384	27458	118674	308141	1214055	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6510 2685782	26152	99038	252399	1038567	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4376 2118391	19031	71273	186848	810724	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5486 2470761	24697	94227	241356	979554	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	6364 2193027	22251	78021	213386	812471	25.0 12500	125	500	1250	5000
2,2,4-Trimethylpentane	FB	Ave	10747 3676184	40585	154310	387053	1519478	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	16234 6767104	80157	287484	737744	2906816	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	14520 5485591	70876	258816	615337	2372526	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	12444 5233083	64289	218673	533663	2129972	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6428 2645930	29032	104996	265568	1064467	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	2357 830502	9048	36060	91073	343017	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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
2,4,4-Trimethyl-1-pentene	FB	Ave	15305 5981948	69194	269721	673882	2637139	2.00 1000	10.0	40.0	100	400
n-Butanol	TBA	Ave	2704 1091358	10767	37946	102819	393034	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4212 1863506	18107	66837	175515	720203	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	11560 4460910	49526	196028	487388	1885293	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4974 2059957	18859	84496	213879	841696	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4795 2060379	23221	80828	206021	830563	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2382 1012852	10302	38059	96887	384341	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	2381 301271	4157	11441	28167	108154	50.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Ave	10154 3164159	39430	139626	344571	1331300	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2905 1153270	12069	42967	110728	449161	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5220 2439612	23405	85131	219024	935679	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	3341 1447619	15124	57471	141649	573642	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1481 1003065	7173	28836	74612	356182	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	FB	Ave	10721 3846955	45180	162565	404474	1596101	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	7015 3099537	33294	116992	306353	1243185	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	25587 8318762	121402	428854	1086771	4043249	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	16512 6285721	73637	266732	680052	2689269	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6018 2737643	27488	104099	266675	1089397	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	5916 2585511	29593	102724	260250	1040420	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3388 1414100	15057	53758	137076	559077	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2857 1334959	11825	46459	118510	503208	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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
1,3-Dichloropropane	CBZ	Ave	6533 2798077	31945	111908	282597	1134476	1.00 500	5.00	20.0	50.0	200
2-Hexanone	TBA	Ave	9056 3637684	42267	153023	384817	1509183	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBZ	Ave	7759 3004367	35364	129385	317359	1230524	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2700 1553867	11556	44125	121590	559223	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3674 1567568	17603	58479	153002	608640	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9474 4084604	44095	156724	396221	1603396	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5480 2310234	21998	81853	210973	881457	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2617 1488480	12015	46161	123724	542466	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6658 2760901	28045	102025	259714	1065898	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	3276 1526552	15454	60906	150052	593667	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6008 2789030	28185	100893	257577	1067024	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11364 4737876	48631	183746	464459	1890265	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	7636 3504060	39220	149642	366731	1433571	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1579 991821	6193	21870	62850	315552	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	14185 5641647	59227	234144	601662	2358560	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	909 442492	5376	18319	46760	180918	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	3475 1742960	15791	56927	144500	610019	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4664 2275536	23721	79292	209809	853827	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	18095 6404809	74207	286787	756144	2909257	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1375 638741	6772	20976	54997	225806	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1901 814044	7454	26590	72079	306620	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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
2-Chlorotoluene	DCB	Ave	13374 5063010	58515	217886	555656	2236964	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	13926 5642885	66640	245531	619573	2483262	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	12166 4903987	51141	201992	511319	2032126	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12973 4997350	54827	205710	524856	2092019	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4493 2559960	24009	91855	229499	949471	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	8759 3871053	35663	141886	367901	1507593	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13660 5106925	57230	209751	536822	2172395	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	13343 5078210	52336	214488	542597	2143640	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	11192 4610434	43027	182449	472139	1983906	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6275 3176223	26924	101819	275119	1219460	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	6186 3338358	29692	106983	284657	1252462	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	9308 4302852	43968	168591	422862	1770316	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	12269 5144313	58598	217239	539470	2191832	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	6823 3002492	29452	105383	269997	1138727	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	14279 5170929	54845	219953	570043	2217420	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6309 3168705	28130	103972	274773	1168567	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	11394 4426294	51911	189927	482046	1968260	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	909 504398	4603	15739	42655	189867	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	3660 1824942	16883	61817	157610	683816	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2871 1082851	12303	41867	109396	416576	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	3952 1885165	16128	60942	164286	697973	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.: 460-78044-1 Analy Batch No.: 228338

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2014 01:21 Calibration End Date: 06/04/2014 03:26 Calibration ID: 39675

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
Hexachlorobutadiene	DCB	Ave	1441 583937	4841	19891	52973	216583	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	15075 5517150	64716	227113	594089	2368463	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3750 1759914	15562	58394	154490	654881	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	170846 185991	171923	171579	171802	180103	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	262193 273226	256399	258158	262779	268513	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	697051 691275	693530	696343	693704	695861	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	158761 172632	157990	157656	159416	163251	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Report Date: 04-Jun-2014 12:39:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13738.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 04-Jun-2014 01:21:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0014140-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:39:52 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: boykink Date: 04-Jun-2014 02:53:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.422	1.419	0.003	75	906	1.00	1.17	
1 Dichlorodifluoromethane	85	1.452	1.454	-0.002	82	5252	1.00	1.13	
2 Chloromethane	50	1.622	1.625	-0.003	82	5278	1.00	1.17	
4 Vinyl chloride	62	1.710	1.713	-0.003	65	4473	1.00	1.13	
149 Butadiene	54	1.740	1.736	0.004	85	4285	1.00	1.20	
6 Bromomethane	94	1.992	1.995	-0.003	79	2052	1.00	1.11	
7 Chloroethane	64	2.086	2.083	0.003	84	1869	1.00	0.9182	
9 Dichlorofluoromethane	67	2.262	2.259	0.003	64	6383	1.00	1.12	
8 Trichlorofluoromethane	101	2.268	2.265	0.003	56	4378	1.00	1.04	
10 Pentane	72	2.309	2.306	0.003	90	1022	2.00	2.36	
11 Ethanol	46	2.468	2.471	-0.003	1	595	50.0	96.3	
13 Ethyl ether	59	2.509	2.506	0.003	85	3459	1.00	1.33	
14 2-Methyl-1,3-butadiene	53	2.521	2.524	-0.003	73	4041	1.00	1.54	
15 1,2-Dichloro-1,1,2-trifluo	117	2.550	2.547	0.003	56	2976	1.00	1.22	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.671	-0.003	81	2964	1.00	1.02	
17 Acrolein	56	2.680	2.682	-0.002	54	1181	4.00	3.52	
18 1,1-Dichloroethene	96	2.709	2.706	0.003	87	4129	1.00	1.25	
19 Acetone	43	2.803	2.800	0.003	80	17247	5.00	10.9	
20 Iodomethane	142	2.862	2.859	0.003	97	4651	1.00	1.02	
21 Carbon disulfide	76	2.891	2.894	-0.003	99	15266	1.00	1.21	
34 Isopropyl alcohol	45	2.903	2.894	0.009	14	3382	10.0	18.6	
147 3-Chloro-1-propene	76	3.026	3.029	-0.003	89	2497	1.00	1.10	
23 Methyl acetate	43	3.044	3.041	0.003	98	24474	5.00	6.27	
22 Cyclopentene	67	3.044	3.047	-0.003	45	12294	1.00	1.17	
24 Acetonitrile	41	3.097	3.094	0.003	93	7119	10.0	12.8	
25 Methylene Chloride	84	3.150	3.152	-0.002	26	4867	1.00	1.21	
* 151 TBA-d9 (IS)	65	3.150	3.152	-0.002	75	423946	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.220	3.223	-0.003	88	12735	10.0	41.7	
27 Methyl tert-butyl ether	73	3.314	3.311	0.003	95	12811	1.00	1.09	
29 trans-1,2-Dichloroethene	96	3.344	3.340	0.004	83	4340	1.00	1.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.420	3.417	0.003	93	20029	10.0	11.5	
32 Hexane	57	3.496	3.493	0.003	91	5599	1.00	1.29	
35 Isopropyl ether	45	3.702	3.705	-0.003	96	15680	1.00	1.09	
36 1,1-Dichloroethane	63	3.749	3.740	0.009	84	8350	1.00	1.09	
37 Vinyl acetate	43	3.761	3.758	0.003	100	19873	2.00	2.37	
38 Allyl alcohol	57	3.772	3.769	0.003	3	2067	25.0	48.5	
33 2-Chloro-1,3-butadiene	88	3.784	3.787	-0.003	86	3727	1.00	1.12	
40 Tert-butyl ethyl ether	59	4.025	4.022	0.003	81	14591	1.00	1.13	
41 2,2-Dichloropropane	77	4.231	4.233	-0.002	71	7354	1.00	1.24	
42 cis-1,2-Dichloroethene	96	4.260	4.263	-0.003	87	4452	1.00	1.14	
44 Ethyl acetate	43	4.284	4.280	0.004	94	23157	2.00	2.48	
43 2-Butanone (MEK)	72	4.278	4.280	-0.002	95	2971	5.00	6.11	
39 Methyl acrylate	55	4.336	4.339	-0.003	76	5474	1.00	1.21	
48 Propionitrile	54	4.419	4.410	0.009	87	6791	10.0	11.3	
46 Chlorobromomethane	128	4.489	4.492	-0.003	77	1580	1.00	0.9675	
45 Tetrahydrofuran	72	4.495	4.492	0.003	58	1551	2.00	2.62	
31 Methacrylonitrile	67	4.519	4.516	0.003	93	19629	10.0	10.9	
47 Chloroform	83	4.542	4.545	-0.003	87	7253	1.00	1.11	
49 Cyclohexane	56	4.660	4.668	-0.008	86	7369	1.00	1.19	
50 1,1,1-Trichloroethane	97	4.683	4.680	0.003	77	6510	1.00	1.20	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.698	0.003	94	170846	50.0	48.5	
51 Carbon tetrachloride	117	4.807	4.803	0.004	86	4376	1.00	1.10	
52 1,1-Dichloropropene	75	4.842	4.833	0.009	84	5486	1.00	1.10	
56 Isobutyl alcohol	43	4.953	4.956	-0.003	52	6364	25.0	34.9	
155 Isooctane	57	4.995	4.997	-0.002	87	10747	1.00	1.30	
53 Benzene	78	5.036	5.033	0.003	81	16234	1.00	1.10	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.053	5.050	0.003	89	262193	50.0	49.5	
57 Isopropyl acetate	43	5.089	5.091	-0.002	87	14520	1.00	1.13	
142 Tert-amyl methyl ether	73	5.094	5.091	0.003	81	12444	1.00	1.09	
55 1,2-Dichloroethane	62	5.124	5.127	-0.003	86	6428	1.00	1.15	
58 n-Heptane	57	5.188	5.179	0.009	91	2357	1.00	1.26	
* 59 Fluorobenzene	96	5.324	5.320	0.004	97	725879	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.535	5.532	0.003	93	15305	2.00	2.25	
62 n-Butanol	56	5.623	5.620	0.003	79	2704	25.0	31.4	
61 Trichloroethene	95	5.676	5.679	-0.003	84	4212	1.00	1.14	
64 Ethyl acrylate	55	5.799	5.796	0.003	90	11560	1.00	1.16	
63 Methylcyclohexane	83	5.799	5.796	0.003	69	4974	1.00	1.16	
65 1,2-Dichloropropane	63	5.970	5.967	0.003	70	4795	1.00	1.11	
* 150 1,4-Dioxane-d8	96	6.029	6.025	0.004	86	41211	1000.0	1000.0	
66 Methyl methacrylate	100	6.040	6.037	0.003	84	2382	2.00	2.33	
67 1,4-Dioxane	88	6.082	6.084	-0.002	32	2381	50.0	98.6	
69 n-Propyl acetate	43	6.093	6.096	-0.003	94	10154	1.00	1.35	
68 Dibromomethane	93	6.099	6.102	-0.003	38	2905	1.00	1.22	
70 Dichlorobromomethane	83	6.246	6.249	-0.003	89	5220	1.00	1.11	
71 2-Nitropropane	41	6.587	6.584	0.003	75	1481	2.00	1.84	
72 2-Chloroethyl vinyl ether	63	6.581	6.584	-0.003	68	3341	1.00	1.12	
73 Epichlorohydrin	57	6.693	6.695	-0.002	84	10721	20.0	24.8	
74 cis-1,3-Dichloropropene	75	6.745	6.754	-0.009	82	7015	1.00	1.12	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.913	-0.003	91	25587	5.00	5.95	
$ 76 Toluene-d8 (Surr)	98	6.992	6.995	-0.003	98	697051	50.0	50.6	
77 Toluene	91	7.074	7.071	0.003	96	16512	1.00	1.19	
78 trans-1,3-Dichloropropene	75	7.427	7.424	0.003	76	6018	1.00	1.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.450	7.447	0.003	85	5916	1.00	1.09	
79 1,1,2-Trichloroethane	83	7.644	7.641	0.003	81	3388	1.00	1.18	
80 Tetrachloroethene	166	7.674	7.682	-0.008	83	2857	1.00	1.15	
81 1,3-Dichloropropane	76	7.844	7.853	-0.009	79	6533	1.00	1.12	
83 2-Hexanone	58	7.903	7.912	-0.009	90	9056	5.00	5.72	
85 n-Butyl acetate	43	8.020	8.023	-0.003	83	7759	1.00	1.18	
84 Chlorodibromomethane	129	8.091	8.082	0.009	72	2700	1.00	1.05	
86 Ethylene Dibromide	107	8.238	8.241	-0.003	79	3674	1.00	1.15	
* 87 Chlorobenzene-d5	117	8.784	8.787	-0.003	89	500089	50.0	50.0	
88 Chlorobenzene	112	8.819	8.822	-0.003	76	9474	1.00	1.14	
89 Ethylbenzene	106	8.925	8.922	0.003	96	5480	1.00	1.22	
90 1,1,1,2-Tetrachloroethane	131	8.937	8.946	-0.009	62	2617	1.00	1.02	
91 m-Xylene & p-Xylene	106	9.078	9.081	-0.003	94	6658	1.00	1.21	
93 n-Butyl acrylate	73	9.513	9.516	-0.003	83	3276	1.00	1.08	
92 o-Xylene	106	9.530	9.533	-0.003	82	6008	1.00	1.11	
94 Styrene	104	9.566	9.563	0.003	90	11364	1.00	1.18	
96 Amyl acetate (mixed isomer	43	9.742	9.745	-0.003	84	7636	1.00	1.06	
97 Bromoform	173	9.771	9.768	0.003	74	1579	1.00	1.10	
98 Isopropylbenzene	105	9.877	9.880	-0.003	93	14185	1.00	1.18	
$ 99 4-Bromofluorobenzene	174	10.065	10.062	0.003	80	158761	50.0	49.6	
95 Camphene	41	10.071	10.074	-0.003	37	909	1.00	0.9785	
100 Bromobenzene	156	10.177	10.179	-0.002	87	3475	1.00	1.14	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.215	0.003	80	4664	1.00	1.09	
102 N-Propylbenzene	91	10.235	10.238	-0.003	90	18095	1.00	1.24	
103 1,2,3-Trichloropropane	110	10.253	10.256	-0.003	80	1375	1.00	1.17	
104 trans-1,4-Dichloro-2-buten	53	10.271	10.273	-0.002	82	1901	1.00	1.26	
105 2-Chlorotoluene	91	10.329	10.326	0.003	92	13374	1.00	1.21	
143 4-Ethyltoluene	105	10.335	10.332	0.003	84	13926	1.00	1.14	
106 1,3,5-Trimethylbenzene	105	10.388	10.385	0.003	75	12166	1.00	1.20	
107 4-Chlorotoluene	91	10.423	10.420	0.003	92	12973	1.00	1.23	
108 Butyl Methacrylate	87	10.465	10.467	-0.002	83	4493	1.00	0.9815	
109 tert-Butylbenzene	119	10.623	10.620	0.003	83	8759	1.00	1.19	
110 1,2,4-Trimethylbenzene	105	10.670	10.673	-0.003	97	13660	1.00	1.25	
113 sec-Butylbenzene	105	10.782	10.785	-0.003	94	13343	1.00	1.24	
114 4-Isopropyltoluene	119	10.882	10.885	-0.002	82	11192	1.00	1.20	
115 1,3-Dichlorobenzene	146	10.888	10.890	-0.002	79	6275	1.00	1.12	
* 116 1,4-Dichlorobenzene-d4	152	10.941	10.937	0.003	98	244598	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.955	0.003	64	6186	1.00	1.06	
118 Benzyl chloride	91	11.058	11.055	0.003	95	9308	1.00	1.10	
119 2,3-Dihydroindene	117	11.099	11.102	-0.003	85	12269	1.00	1.13	
133 p-Diethylbenzene	119	11.134	11.137	-0.003	78	6823	1.00	1.20	
120 n-Butylbenzene	91	11.152	11.155	-0.003	80	14279	1.00	1.27	
121 1,2-Dichlorobenzene	146	11.205	11.202	0.003	90	6309	1.00	1.12	
132 1,2,4,5-Tetramethylbenzene	119	11.616	11.613	0.003	90	11394	1.00	1.18	
122 1,2-Dibromo-3-Chloropropan	75	11.693	11.689	0.004	48	909	1.00	1.04	
145 1,3,5-Trichlorobenzene	180	11.775	11.772	0.003	46	3660	1.00	1.11	
123 Camphor	95	12.110	12.112	-0.002	67	2871	5.00	6.39	
124 1,2,4-Trichlorobenzene	180	12.174	12.171	0.003	83	3952	1.00	1.18	
126 Hexachlorobutadiene	225	12.233	12.236	-0.003	63	1441	1.00	1.33	
127 Naphthalene	128	12.345	12.342	0.003	97	15075	1.00	1.25	
128 1,2,3-Trichlorobenzene	180	12.503	12.500	0.003	82	3750	1.00	1.18	
S 130 1,2-Dichloroethene, Total	100				0			2.35	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		2.00	2.32	
S 139 Total BTEX	1				0			5.82	

Report Date: 04-Jun-2014 12:39:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13738.D

Injection Date: 04-Jun-2014 01:21:30 Instrument ID: CVOAMS8 Operator ID:

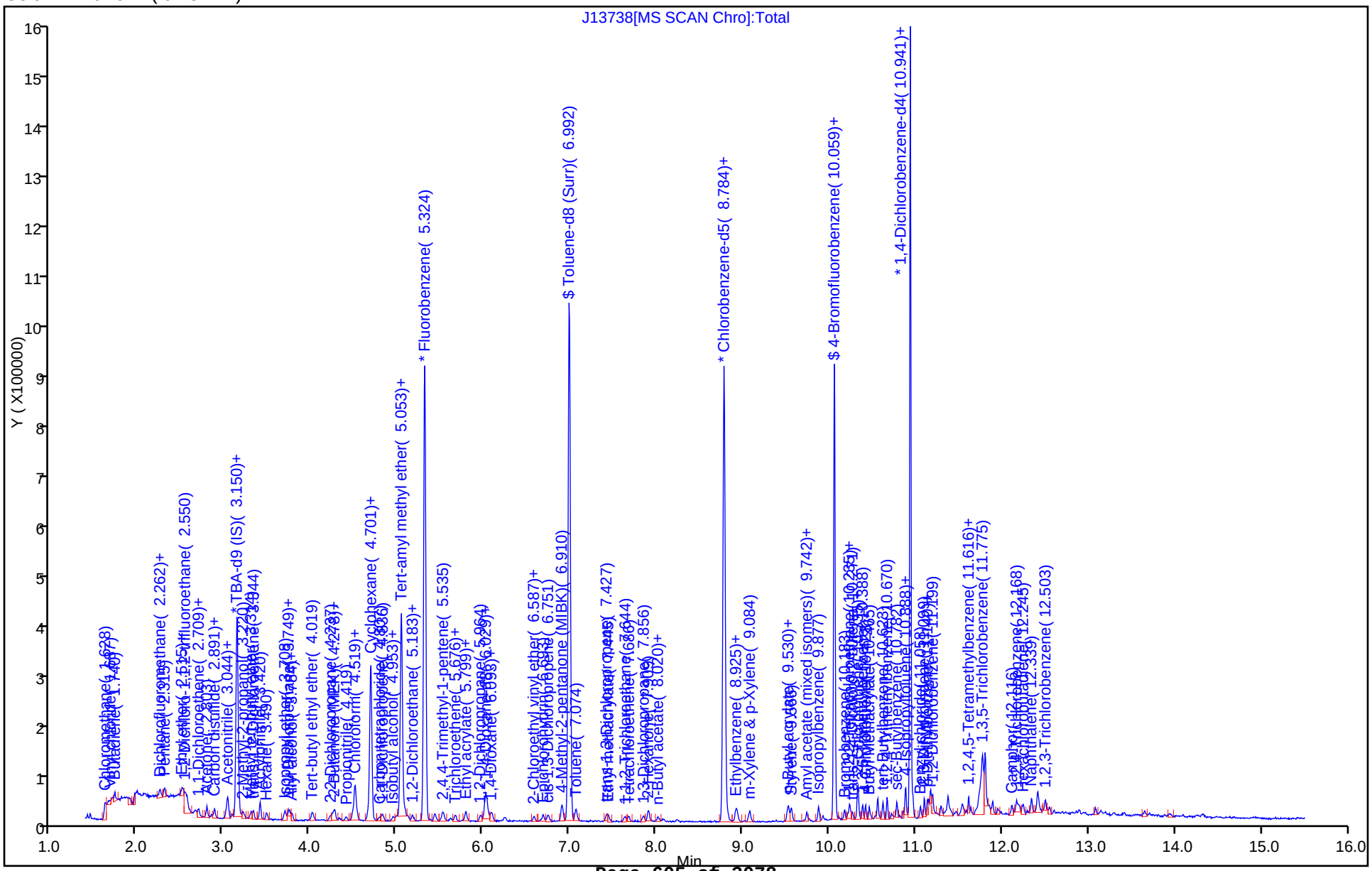
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13739.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Jun-2014 01:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0014140-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:39:55 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: boykink Date: 04-Jun-2014 03:15:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.422	1.419	0.003	87	4081	5.00	5.35	
1 Dichlorodifluoromethane	85	1.451	1.454	-0.003	88	23912	5.00	5.19	
2 Chloromethane	50	1.622	1.625	-0.003	88	23966	5.00	5.38	
4 Vinyl chloride	62	1.710	1.713	-0.003	81	20582	5.00	5.24	
149 Butadiene	54	1.739	1.736	0.003	93	19070	5.00	5.38	
6 Bromomethane	94	1.992	1.995	-0.003	90	11986	5.00	6.57	
7 Chloroethane	64	2.080	2.083	-0.003	96	11827	5.00	5.79	
9 Dichlorofluoromethane	67	2.256	2.259	-0.003	94	30551	5.00	5.42	
8 Trichlorofluoromethane	101	2.262	2.265	-0.003	57	22131	5.00	5.34	
10 Pentane	72	2.315	2.306	0.009	96	4774	10.0	11.0	
11 Ethanol	46	2.474	2.471	0.003	77	1844	250.0	297.4	
13 Ethyl ether	59	2.509	2.506	0.003	93	14054	5.00	5.45	
14 2-Methyl-1,3-butadiene	53	2.521	2.524	-0.003	92	15592	5.00	6.00	
15 1,2-Dichloro-1,1,2-trifluo	117	2.550	2.547	0.003	88	12257	5.00	5.09	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.671	-0.003	86	12913	5.00	4.49	
17 Acrolein	56	2.679	2.682	-0.003	90	7175	20.0	21.4	
18 1,1-Dichloroethene	96	2.709	2.706	0.003	85	16898	5.00	5.17	
19 Acetone	43	2.803	2.800	0.003	85	54062	25.0	34.2	
20 Iodomethane	142	2.862	2.859	0.003	98	23368	5.00	5.17	
21 Carbon disulfide	76	2.891	2.894	-0.003	99	63951	5.00	5.13	
34 Isopropyl alcohol	45	2.897	2.894	0.003	36	10916	50.0	60.0	
147 3-Chloro-1-propene	76	3.026	3.029	-0.003	89	12196	5.00	5.44	
23 Methyl acetate	43	3.044	3.041	0.003	97	110249	25.0	28.5	
22 Cyclopentene	67	3.044	3.047	-0.003	63	54058	5.00	5.18	
24 Acetonitrile	41	3.097	3.094	0.003	96	28953	50.0	51.9	
25 Methylene Chloride	84	3.155	3.152	0.003	33	21512	5.00	5.41	
* 151 TBA-d9 (IS)	65	3.149	3.152	-0.003	79	425141	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.220	3.223	-0.003	97	26710	50.0	87.1	
27 Methyl tert-butyl ether	73	3.314	3.311	0.003	97	63601	5.00	5.47	
29 trans-1,2-Dichloroethene	96	3.343	3.340	0.003	97	18265	5.00	5.16	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.420	3.417	0.003	94	97640	50.0	56.5	
32 Hexane	57	3.496	3.493	0.003	93	18777	5.00	4.38	
35 Isopropyl ether	45	3.708	3.705	0.003	99	80820	5.00	5.68	
36 1,1-Dichloroethane	63	3.743	3.740	0.003	97	40736	5.00	5.38	
37 Vinyl acetate	43	3.755	3.758	-0.003	100	94365	10.0	11.4	
38 Allyl alcohol	57	3.772	3.769	0.003	58	6138	125.0	143.6	
33 2-Chloro-1,3-butadiene	88	3.784	3.787	-0.003	90	16943	5.00	5.16	
40 Tert-butyl ethyl ether	59	4.025	4.022	0.003	87	70969	5.00	5.56	
41 2,2-Dichloropropane	77	4.231	4.233	-0.002	92	30709	5.00	5.23	
42 cis-1,2-Dichloroethene	96	4.260	4.263	-0.003	85	20091	5.00	5.21	
44 Ethyl acetate	43	4.283	4.280	0.003	95	104770	10.0	11.3	
43 2-Butanone (MEK)	72	4.278	4.280	-0.002	96	13254	25.0	27.2	
39 Methyl acrylate	55	4.336	4.339	-0.003	97	23298	5.00	5.22	
48 Propionitrile	54	4.413	4.410	0.003	97	31978	50.0	52.8	
46 Chlorobromomethane	128	4.489	4.492	-0.003	86	8965	5.00	5.55	
45 Tetrahydrofuran	72	4.489	4.492	-0.003	74	7106	10.0	12.0	
31 Methacrylonitrile	67	4.518	4.516	0.002	94	101909	50.0	57.0	
47 Chloroform	83	4.542	4.545	-0.003	91	34017	5.00	5.25	
49 Cyclohexane	56	4.665	4.668	-0.003	94	27458	5.00	4.49	
50 1,1,1-Trichloroethane	97	4.683	4.680	0.003	95	26152	5.00	4.89	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.698	0.003	94	171923	50.0	49.4	
51 Carbon tetrachloride	117	4.800	4.803	-0.003	84	19031	5.00	4.84	
52 1,1-Dichloropropene	75	4.836	4.833	0.003	93	24697	5.00	5.01	
56 Isobutyl alcohol	43	4.959	4.956	0.003	78	22251	125.0	121.8	
155 Isooctane	57	4.994	4.997	-0.003	98	40585	5.00	4.98	
53 Benzene	78	5.035	5.033	0.002	93	80157	5.00	5.35	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.053	5.050	0.003	88	256399	50.0	49.0	
57 Isopropyl acetate	43	5.088	5.091	-0.003	92	70876	5.00	5.57	
142 Tert-amyl methyl ether	73	5.094	5.091	0.003	75	64289	5.00	5.71	
55 1,2-Dichloroethane	62	5.130	5.127	0.003	91	29032	5.00	5.25	
58 n-Heptane	57	5.182	5.179	0.003	93	9048	5.00	4.89	
* 59 Fluorobenzene	96	5.323	5.320	0.003	97	717764	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.535	5.532	0.003	96	69194	10.0	10.3	
62 n-Butanol	56	5.623	5.620	0.003	87	10767	125.0	124.8	
61 Trichloroethene	95	5.676	5.679	-0.003	93	18107	5.00	4.97	
64 Ethyl acrylate	55	5.793	5.796	-0.003	96	49526	5.00	5.04	
63 Methylcyclohexane	83	5.799	5.796	0.003	67	18859	5.00	4.45	
65 1,2-Dichloropropane	63	5.970	5.967	0.003	86	23221	5.00	5.42	
* 150 1,4-Dioxane-d8	96	6.023	6.025	-0.002	80	40303	1000.0	1000.0	
66 Methyl methacrylate	100	6.046	6.037	0.009	92	10302	10.0	10.2	
67 1,4-Dioxane	88	6.087	6.084	0.003	27	4157	100.0	176.1	
69 n-Propyl acetate	43	6.099	6.096	0.003	98	39430	5.00	5.30	
68 Dibromomethane	93	6.099	6.102	-0.003	42	12069	5.00	5.12	
70 Dichlorobromomethane	83	6.246	6.249	-0.003	95	23405	5.00	5.04	
71 2-Nitropropane	41	6.581	6.584	-0.003	75	7173	10.0	9.01	
72 2-Chloroethyl vinyl ether	63	6.587	6.584	0.003	81	15124	5.00	5.12	
73 Epichlorohydrin	57	6.692	6.695	-0.003	98	45180	100.0	105.7	
74 cis-1,3-Dichloropropene	75	6.751	6.754	-0.003	93	33294	5.00	5.23	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.913	-0.003	97	121402	25.0	27.9	
$ 76 Toluene-d8 (Surr)	98	6.992	6.995	-0.003	98	693530	50.0	49.7	
77 Toluene	91	7.074	7.071	0.003	93	73637	5.00	5.22	
78 trans-1,3-Dichloropropene	75	7.421	7.424	-0.003	97	27488	5.00	4.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.450	7.447	0.003	91	29593	5.00	5.49	
79 1,1,2-Trichloroethane	83	7.644	7.641	0.003	91	15057	5.00	5.16	
80 Tetrachloroethene	166	7.679	7.682	-0.003	82	11825	5.00	4.68	
81 1,3-Dichloropropane	76	7.850	7.853	-0.003	93	31945	5.00	5.39	
83 2-Hexanone	58	7.909	7.912	-0.003	99	42267	25.0	26.6	
85 n-Butyl acetate	43	8.020	8.023	-0.003	97	35364	5.00	5.31	
84 Chlorodibromomethane	129	8.085	8.082	0.003	93	11556	5.00	4.45	
86 Ethylene Dibromide	107	8.238	8.241	-0.003	92	17603	5.00	5.44	
* 87 Chlorobenzene-d5	117	8.784	8.787	-0.003	87	506674	50.0	50.0	
88 Chlorobenzene	112	8.819	8.822	-0.003	88	44095	5.00	5.25	
89 Ethylbenzene	106	8.925	8.922	0.003	99	21998	5.00	4.83	
90 1,1,1,2-Tetrachloroethane	131	8.943	8.946	-0.003	83	12015	5.00	4.64	
91 m-Xylene & p-Xylene	106	9.084	9.081	0.003	98	28045	5.00	5.02	
93 n-Butyl acrylate	73	9.518	9.516	0.002	91	15454	5.00	5.01	
92 o-Xylene	106	9.536	9.533	0.003	92	28185	5.00	5.15	
94 Styrene	104	9.565	9.563	0.002	92	48631	5.00	4.97	
96 Amyl acetate (mixed isomer	43	9.742	9.745	-0.003	89	39220	5.00	5.38	
97 Bromoform	173	9.771	9.768	0.003	90	6193	5.00	4.26	
98 Isopropylbenzene	105	9.883	9.880	0.003	97	59227	5.00	4.86	
$ 99 4-Bromofluorobenzene	174	10.059	10.062	-0.003	79	157990	50.0	48.7	
95 Camphene	41	10.077	10.074	0.003	95	5376	5.00	5.71	
100 Bromobenzene	156	10.177	10.179	-0.002	90	15791	5.00	5.11	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.215	0.003	89	23721	5.00	5.49	
102 N-Propylbenzene	91	10.235	10.238	-0.003	94	74207	5.00	5.03	
103 1,2,3-Trichloropropane	110	10.259	10.256	0.003	95	6772	5.00	5.68	
104 trans-1,4-Dichloro-2-buten	53	10.276	10.273	0.003	61	7454	5.00	4.89	
105 2-Chlorotoluene	91	10.329	10.326	0.003	96	58515	5.00	5.21	
143 4-Ethyltoluene	105	10.335	10.332	0.003	90	66640	5.00	5.37	
106 1,3,5-Trimethylbenzene	105	10.388	10.385	0.003	89	51141	5.00	4.97	
107 4-Chlorotoluene	91	10.423	10.420	0.003	96	54827	5.00	5.13	
108 Butyl Methacrylate	87	10.464	10.467	-0.003	95	24009	5.00	5.18	
109 tert-Butylbenzene	119	10.623	10.620	0.003	87	35663	5.00	4.77	
110 1,2,4-Trimethylbenzene	105	10.670	10.673	-0.003	97	57230	5.00	5.17	
113 sec-Butylbenzene	105	10.782	10.785	-0.003	97	52336	5.00	4.81	
114 4-Isopropyltoluene	119	10.882	10.885	-0.002	95	43027	5.00	4.57	
115 1,3-Dichlorobenzene	146	10.887	10.890	-0.003	87	26924	5.00	4.75	
* 116 1,4-Dichlorobenzene-d4	152	10.940	10.937	0.003	98	247605	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.955	0.003	84	29692	5.00	5.04	
118 Benzyl chloride	91	11.058	11.055	0.003	97	43968	5.00	5.12	
119 2,3-Dihydroindene	117	11.099	11.102	-0.003	92	58598	5.00	5.34	
133 p-Diethylbenzene	119	11.140	11.137	0.003	89	29452	5.00	5.13	
120 n-Butylbenzene	91	11.152	11.155	-0.003	96	54845	5.00	4.83	
121 1,2-Dichlorobenzene	146	11.205	11.202	0.003	91	28130	5.00	4.95	
132 1,2,4,5-Tetramethylbenzene	119	11.616	11.613	0.003	95	51911	5.00	5.30	
122 1,2-Dibromo-3-Chloropropan	75	11.687	11.689	-0.002	74	4603	5.00	5.20	
145 1,3,5-Trichlorobenzene	180	11.775	11.772	0.003	91	16883	5.00	5.08	
123 Camphor	95	12.110	12.112	-0.002	88	12303	25.0	27.0	
124 1,2,4-Trichlorobenzene	180	12.168	12.171	-0.003	88	16128	5.00	4.75	
126 Hexachlorobutadiene	225	12.233	12.236	-0.003	80	4841	5.00	4.41	
127 Naphthalene	128	12.345	12.342	0.003	98	64716	5.00	5.32	
128 1,2,3-Trichlorobenzene	180	12.503	12.500	0.003	91	15562	5.00	4.84	
S 130 1,2-Dichloroethene, Total	100				0			10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		10.0	10.2	
S 139 Total BTEX	1				0			25.6	

Report Date: 04-Jun-2014 12:39:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13739.D

Injection Date: 04-Jun-2014 01:46:30 Instrument ID: CVOAMS8 Operator ID:

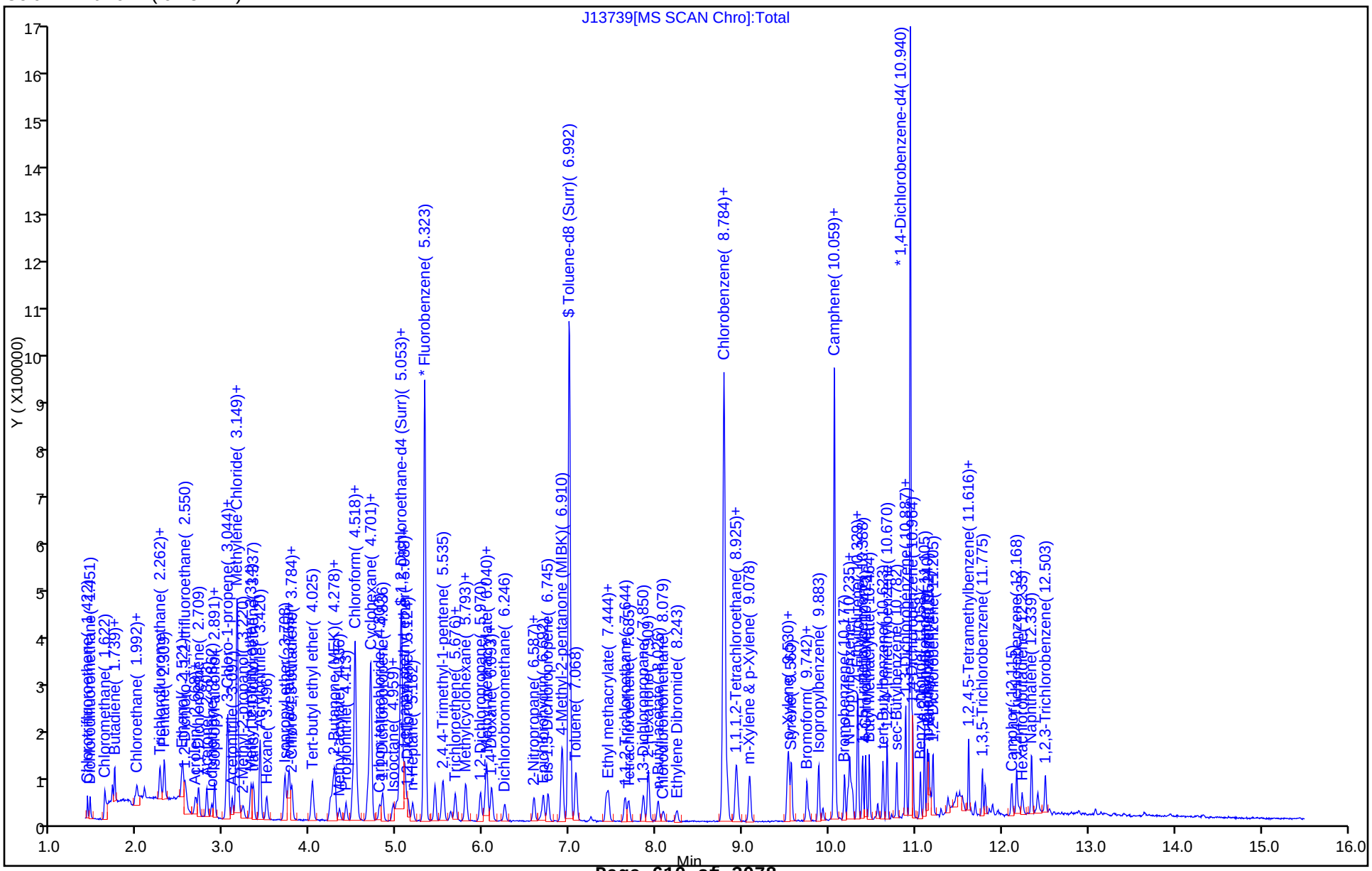
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13740.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 04-Jun-2014 02:11:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0014140-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:39:57 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: boykink Date: 04-Jun-2014 03:36:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.419	1.419	0.000	90	14221	20.0	19.2	
1 Dichlorodifluoromethane	85	1.454	1.454	0.000	89	86903	20.0	19.4	
2 Chloromethane	50	1.625	1.625	0.000	88	85859	20.0	19.8	
4 Vinyl chloride	62	1.713	1.713	0.000	81	75866	20.0	19.9	
149 Butadiene	54	1.736	1.736	0.000	96	67190	20.0	19.5	
6 Bromomethane	94	1.995	1.995	0.000	98	36441	20.0	20.5	
7 Chloroethane	64	2.083	2.083	0.000	97	40080	20.0	20.1	
9 Dichlorofluoromethane	67	2.259	2.259	0.000	96	110932	20.0	20.2	
8 Trichlorofluoromethane	101	2.265	2.265	0.000	85	82375	20.0	20.4	
10 Pentane	72	2.306	2.306	0.000	96	16715	40.0	39.4	
11 Ethanol	46	2.471	2.471	0.000	96	7496	1000.0	1233.0	
13 Ethyl ether	59	2.506	2.506	0.000	94	46929	20.0	18.7	
14 2-Methyl-1,3-butadiene	53	2.524	2.524	0.000	89	51168	20.0	20.3	
15 1,2-Dichloro-1,1,2-trifluo	117	2.547	2.547	0.000	86	44051	20.0	18.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.671	2.671	0.000	90	56169	20.0	20.1	
17 Acrolein	56	2.682	2.682	0.000	81	12514	40.0	38.1	
18 1,1-Dichloroethene	96	2.706	2.706	0.000	85	58353	20.0	18.3	
19 Acetone	43	2.800	2.800	0.000	86	173205	100.0	112.4	
20 Iodomethane	142	2.859	2.859	0.000	99	84680	20.0	19.2	
21 Carbon disulfide	76	2.894	2.894	0.000	100	233360	20.0	19.2	
34 Isopropyl alcohol	45	2.894	2.894	0.000	36	40469	200.0	226.9	
147 3-Chloro-1-propene	76	3.029	3.029	0.000	90	43265	20.0	19.8	
23 Methyl acetate	43	3.041	3.041	0.000	98	388841	100.0	103.5	
22 Cyclopentene	67	3.047	3.047	0.000	72	204523	20.0	20.2	
24 Acetonitrile	41	3.094	3.094	0.000	95	108125	200.0	198.2	
25 Methylene Chloride	84	3.152	3.152	0.000	94	72180	20.0	18.7	
* 151 TBA-d9 (IS)	65	3.152	3.152	0.000	95	415722	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.223	3.223	0.000	97	72077	200.0	240.1	
27 Methyl tert-butyl ether	73	3.311	3.311	0.000	97	222325	20.0	19.6	
29 trans-1,2-Dichloroethene	96	3.340	3.340	0.000	87	62649	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.417	3.417	0.000	95	345188	200.0	205.5	
32 Hexane	57	3.493	3.493	0.000	94	84639	20.0	20.3	
35 Isopropyl ether	45	3.705	3.705	0.000	98	292137	20.0	21.1	
36 1,1-Dichloroethane	63	3.740	3.740	0.000	94	144226	20.0	19.6	
37 Vinyl acetate	43	3.758	3.758	0.000	100	340349	40.0	42.2	
38 Allyl alcohol	57	3.769	3.769	0.000	31	23800	500.0	566.5	
33 2-Chloro-1,3-butadiene	88	3.787	3.787	0.000	91	62168	20.0	19.4	
40 Tert-butyl ethyl ether	59	4.022	4.022	0.000	87	254394	20.0	20.5	
41 2,2-Dichloropropane	77	4.233	4.233	0.000	93	109207	20.0	19.1	
42 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	85	71307	20.0	19.0	
44 Ethyl acetate	43	4.280	4.280	0.000	96	366166	40.0	40.7	
43 2-Butanone (MEK)	72	4.280	4.280	0.000	95	44517	100.0	93.4	
39 Methyl acrylate	55	4.339	4.339	0.000	96	86164	20.0	19.8	
48 Propionitrile	54	4.410	4.410	0.000	97	121399	200.0	205.1	
46 Chlorobromomethane	128	4.492	4.492	0.000	81	29686	20.0	18.9	
45 Tetrahydrofuran	72	4.492	4.492	0.000	59	21957	40.0	37.8	
31 Methacrylonitrile	67	4.516	4.516	0.000	94	370813	200.0	213.1	
47 Chloroform	83	4.545	4.545	0.000	93	123777	20.0	19.6	
49 Cyclohexane	56	4.668	4.668	0.000	95	118674	20.0	19.9	
50 1,1,1-Trichloroethane	97	4.680	4.680	0.000	94	99038	20.0	19.0	
$ 152 Dibromofluoromethane (Surr	113	4.698	4.698	0.000	94	171579	50.0	50.6	
51 Carbon tetrachloride	117	4.803	4.803	0.000	89	71273	20.0	18.6	
52 1,1-Dichloropropene	75	4.833	4.833	0.000	92	94227	20.0	19.6	
56 Isobutyl alcohol	43	4.956	4.956	0.000	77	78021	500.0	436.7	
155 Isooctane	57	4.997	4.997	0.000	98	154310	20.0	19.4	
53 Benzene	78	5.033	5.033	0.000	95	287484	20.0	20.0	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	89	258158	50.0	50.7	
57 Isopropyl acetate	43	5.091	5.091	0.000	96	258816	20.0	20.9	
142 Tert-amyl methyl ether	73	5.091	5.091	0.000	88	218673	20.0	20.0	
55 1,2-Dichloroethane	62	5.127	5.127	0.000	84	104996	20.0	19.5	
58 n-Heptane	57	5.179	5.179	0.000	97	36060	20.0	20.0	
* 59 Fluorobenzene	96	5.320	5.320	0.000	97	698339	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.532	5.532	0.000	94	269721	40.0	41.2	
62 n-Butanol	56	5.620	5.620	0.000	93	37946	500.0	449.7	
61 Trichloroethene	95	5.679	5.679	0.000	90	66837	20.0	18.9	
64 Ethyl acrylate	55	5.796	5.796	0.000	96	196028	20.0	20.5	
63 Methylcyclohexane	83	5.796	5.796	0.000	69	84496	20.0	20.5	
65 1,2-Dichloropropane	63	5.967	5.967	0.000	90	80828	20.0	19.4	
* 150 1,4-Dioxane-d8	96	6.025	6.025	0.000	46	41526	1000.0	1000.0	
66 Methyl methacrylate	100	6.037	6.037	0.000	92	38059	40.0	38.7	
67 1,4-Dioxane	88	6.084	6.084	0.000	44	11441	400.0	469.9	
69 n-Propyl acetate	43	6.096	6.096	0.000	99	139626	20.0	19.3	
68 Dibromomethane	93	6.102	6.102	0.000	76	42967	20.0	18.7	
70 Dichlorobromomethane	83	6.249	6.249	0.000	94	85131	20.0	18.8	
71 2-Nitropropane	41	6.584	6.584	0.000	73	28836	40.0	37.2	
72 2-Chloroethyl vinyl ether	63	6.584	6.584	0.000	82	57471	20.0	20.0	
73 Epichlorohydrin	57	6.695	6.695	0.000	96	162565	400.0	390.8	
74 cis-1,3-Dichloropropene	75	6.754	6.754	0.000	91	116992	20.0	19.2	
75 4-Methyl-2-pentanone (MIBK	43	6.913	6.913	0.000	98	428854	100.0	102.8	
$ 76 Toluene-d8 (Surr)	98	6.995	6.995	0.000	98	696343	50.0	52.1	
77 Toluene	91	7.071	7.071	0.000	93	266732	20.0	19.8	
78 trans-1,3-Dichloropropene	75	7.424	7.424	0.000	95	104099	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.447	7.447	0.000	91	102724	20.0	19.6	
79 1,1,2-Trichloroethane	83	7.641	7.641	0.000	88	53758	20.0	19.2	
80 Tetrachloroethene	166	7.682	7.682	0.000	84	46459	20.0	19.2	
81 1,3-Dichloropropane	76	7.853	7.853	0.000	95	111908	20.0	19.7	
83 2-Hexanone	58	7.912	7.912	0.000	98	153023	100.0	98.5	
85 n-Butyl acetate	43	8.023	8.023	0.000	98	129385	20.0	20.3	
84 Chlorodibromomethane	129	8.082	8.082	0.000	96	44125	20.0	17.7	
86 Ethylene Dibromide	107	8.241	8.241	0.000	98	58479	20.0	18.9	
* 87 Chlorobenzene-d5	117	8.787	8.787	0.000	86	485375	50.0	50.0	
88 Chlorobenzene	112	8.822	8.822	0.000	89	156724	20.0	19.5	
89 Ethylbenzene	106	8.922	8.922	0.000	100	81853	20.0	18.8	
90 1,1,1,2-Tetrachloroethane	131	8.946	8.946	0.000	86	46161	20.0	18.6	
91 m-Xylene & p-Xylene	106	9.081	9.081	0.000	97	102025	20.0	19.1	
93 n-Butyl acrylate	73	9.516	9.516	0.000	92	60906	20.0	20.6	
92 o-Xylene	106	9.533	9.533	0.000	92	100893	20.0	19.2	
94 Styrene	104	9.563	9.563	0.000	91	183746	20.0	19.6	
96 Amyl acetate (mixed isomer	43	9.745	9.745	0.000	88	149642	20.0	21.6	
97 Bromoform	173	9.768	9.768	0.000	93	21870	20.0	15.7	
98 Isopropylbenzene	105	9.880	9.880	0.000	97	234144	20.0	20.0	
$ 99 4-Bromofluorobenzene	174	10.062	10.062	0.000	79	157656	50.0	50.8	
95 Camphene	41	10.074	10.074	0.000	96	18319	20.0	20.3	
100 Bromobenzene	156	10.179	10.179	0.000	90	56927	20.0	19.4	
101 1,1,2,2-Tetrachloroethane	83	10.215	10.215	0.000	85	79292	20.0	19.3	
102 N-Propylbenzene	91	10.238	10.238	0.000	96	286787	20.0	20.5	
103 1,2,3-Trichloropropane	110	10.256	10.256	0.000	96	20976	20.0	18.5	
104 trans-1,4-Dichloro-2-buten	53	10.273	10.273	0.000	77	26590	20.0	18.4	
105 2-Chlorotoluene	91	10.326	10.326	0.000	95	217886	20.0	20.4	
143 4-Ethyltoluene	105	10.332	10.332	0.000	89	245531	20.0	20.8	
106 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	91	201992	20.0	20.7	
107 4-Chlorotoluene	91	10.420	10.420	0.000	98	205710	20.0	20.3	
108 Butyl Methacrylate	87	10.467	10.467	0.000	94	91855	20.0	20.9	
109 tert-Butylbenzene	119	10.620	10.620	0.000	87	141886	20.0	20.0	
110 1,2,4-Trimethylbenzene	105	10.673	10.673	0.000	99	209751	20.0	20.0	
113 sec-Butylbenzene	105	10.785	10.785	0.000	98	214488	20.0	20.8	
114 4-Isopropyltoluene	119	10.885	10.885	0.000	95	182449	20.0	20.4	
115 1,3-Dichlorobenzene	146	10.890	10.890	0.000	89	101819	20.0	18.9	
* 116 1,4-Dichlorobenzene-d4	152	10.937	10.937	0.000	97	235027	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.955	10.955	0.000	85	106983	20.0	19.1	
118 Benzyl chloride	91	11.055	11.055	0.000	97	168591	20.0	20.7	
119 2,3-Dihydroindene	117	11.102	11.102	0.000	90	217239	20.0	20.8	
133 p-Diethylbenzene	119	11.137	11.137	0.000	88	105383	20.0	19.3	
120 n-Butylbenzene	91	11.155	11.155	0.000	94	219953	20.0	20.4	
121 1,2-Dichlorobenzene	146	11.202	11.202	0.000	91	103972	20.0	19.3	
132 1,2,4,5-Tetramethylbenzene	119	11.613	11.613	0.000	95	189927	20.0	20.4	
122 1,2-Dibromo-3-Chloropropan	75	11.689	11.689	0.000	84	15739	20.0	18.7	
145 1,3,5-Trichlorobenzene	180	11.772	11.772	0.000	93	61817	20.0	19.6	
123 Camphor	95	12.112	12.112	0.000	93	41867	100.0	97.0	
124 1,2,4-Trichlorobenzene	180	12.171	12.171	0.000	90	60942	20.0	18.9	
126 Hexachlorobutadiene	225	12.236	12.236	0.000	87	19891	20.0	19.1	
127 Naphthalene	128	12.342	12.342	0.000	98	227113	20.0	19.7	
128 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	92	58394	20.0	19.1	
S 130 1,2-Dichloroethene, Total	100				0			37.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		40.0	38.3	
S 139 Total BTEX	1				0			96.8	

Report Date: 04-Jun-2014 12:39:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13740.D

Injection Date: 04-Jun-2014 02:11:30 Instrument ID: CVOAMS8 Operator ID:

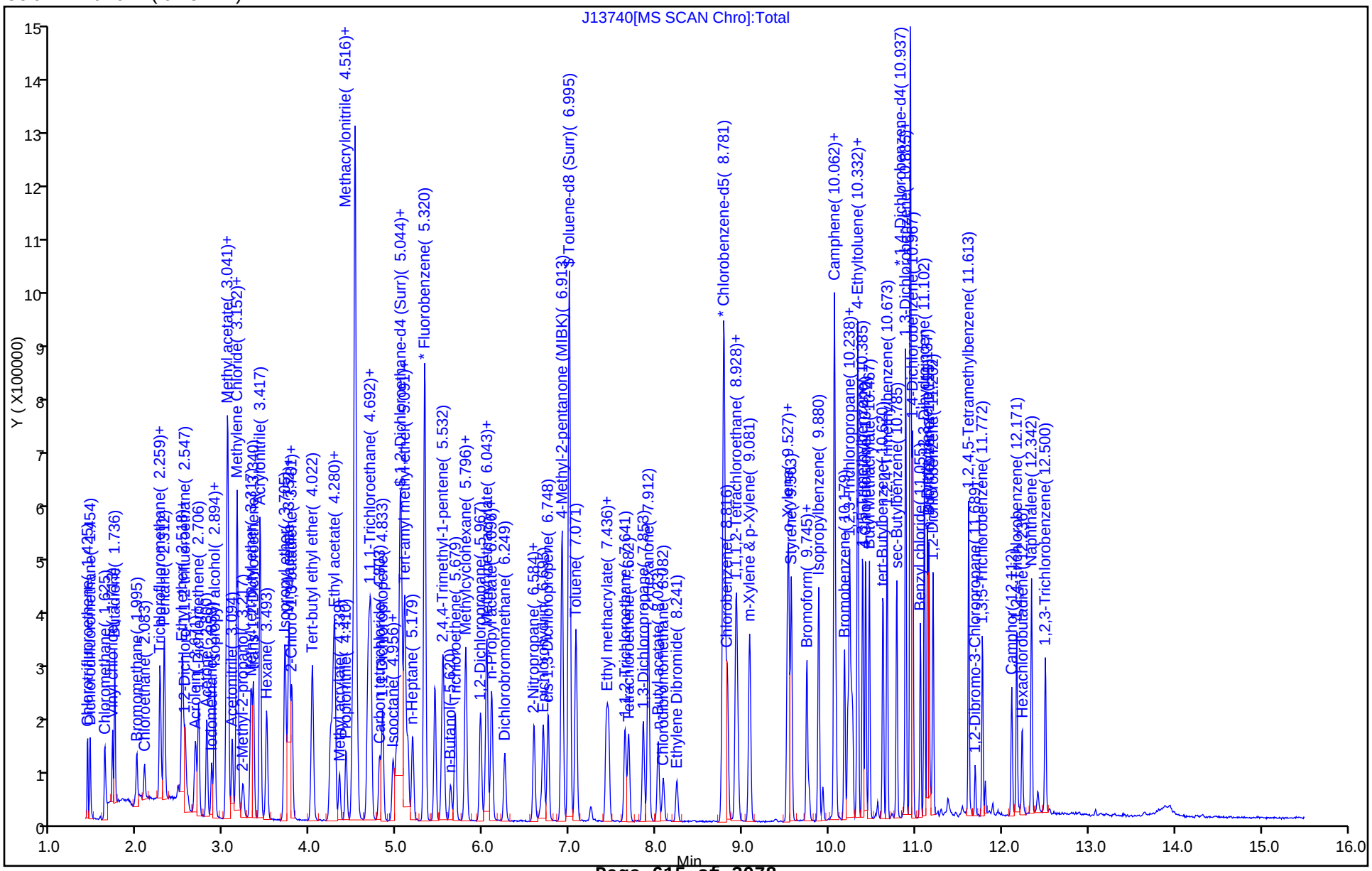
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13741.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Jun-2014 02:36:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0014140-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:40:02 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: boykink Date: 04-Jun-2014 04:02:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.423	1.419	0.004	91	35841	50.0	46.6	
1 Dichlorodifluoromethane	85	1.452	1.454	-0.002	89	224923	50.0	48.4	
2 Chloromethane	50	1.622	1.625	-0.003	89	209551	50.0	46.7	
4 Vinyl chloride	62	1.710	1.713	-0.003	84	192735	50.0	48.7	
149 Butadiene	54	1.740	1.736	0.004	95	167834	50.0	47.0	
6 Bromomethane	94	1.992	1.995	-0.003	99	83789	50.0	45.6	
7 Chloroethane	64	2.081	2.083	-0.002	98	101604	50.0	50.7	
9 Dichlorofluoromethane	67	2.257	2.259	-0.002	96	275174	50.0	48.5	
8 Trichlorofluoromethane	101	2.263	2.265	-0.002	85	204690	50.0	49.0	
10 Pentane	72	2.310	2.306	0.004	95	40785	100.0	95.8	
11 Ethanol	46	2.468	2.471	-0.003	91	17859	2500.0	2913.5	
13 Ethyl ether	59	2.509	2.506	0.003	96	119249	50.0	45.9	
14 2-Methyl-1,3-butadiene	53	2.521	2.524	-0.003	96	131703	50.0	50.8	
15 1,2-Dichloro-1,1,2-trifluo	117	2.551	2.547	0.004	90	117817	50.0	48.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.671	-0.003	90	147735	50.0	50.9	
17 Acrolein	56	2.680	2.682	-0.002	73	33775	100.0	102.4	
18 1,1-Dichloroethene	96	2.709	2.706	0.003	86	150787	50.0	45.7	
19 Acetone	43	2.803	2.800	0.003	86	420374	250.0	274.2	
20 Iodomethane	142	2.856	2.859	-0.003	99	220202	50.0	48.3	
21 Carbon disulfide	76	2.891	2.894	-0.003	100	610168	50.0	48.6	
34 Isopropyl alcohol	45	2.897	2.894	0.003	99	104161	500.0	579.5	
147 3-Chloro-1-propene	76	3.027	3.029	-0.002	91	103936	50.0	46.0	
23 Methyl acetate	43	3.044	3.041	0.003	99	969929	250.0	249.2	
22 Cyclopentene	67	3.044	3.047	-0.003	79	509156	50.0	48.4	
24 Acetonitrile	41	3.097	3.094	0.003	95	256947	500.0	469.3	
25 Methylene Chloride	84	3.156	3.152	0.004	86	185354	50.0	46.3	
* 151 TBA-d9 (IS)	65	3.156	3.152	0.004	74	417159	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.220	3.223	-0.003	98	171707	500.0	568.9	
27 Methyl tert-butyl ether	73	3.314	3.311	0.003	98	568557	50.0	48.5	
29 trans-1,2-Dichloroethene	96	3.344	3.340	0.004	90	165160	50.0	46.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.420	3.417	0.003	94	867023	500.0	498.2	
32 Hexane	57	3.497	3.493	0.004	94	211710	50.0	48.9	
35 Isopropyl ether	45	3.708	3.705	0.003	99	669886	50.0	46.7	
36 1,1-Dichloroethane	63	3.743	3.740	0.003	88	366595	50.0	48.0	
37 Vinyl acetate	43	3.755	3.758	-0.003	100	829025	100.0	99.2	
38 Allyl alcohol	57	3.767	3.769	-0.002	85	61966	1250.0	1455.0	
33 2-Chloro-1,3-butadiene	88	3.784	3.787	-0.003	90	155070	50.0	46.8	
40 Tert-butyl ethyl ether	59	4.019	4.022	-0.003	87	601659	50.0	46.7	
41 2,2-Dichloropropane	77	4.237	4.233	0.004	91	275912	50.0	46.6	
42 cis-1,2-Dichloroethene	96	4.260	4.263	-0.003	84	183807	50.0	47.3	
44 Ethyl acetate	43	4.284	4.280	0.004	95	903709	100.0	96.9	
43 2-Butanone (MEK)	72	4.278	4.280	-0.002	96	113687	250.0	237.8	
39 Methyl acrylate	55	4.337	4.339	-0.002	97	209633	50.0	46.6	
48 Propionitrile	54	4.413	4.410	0.003	97	286401	500.0	482.2	
46 Chlorobromomethane	128	4.490	4.492	-0.002	86	75092	50.0	46.1	
45 Tetrahydrofuran	72	4.490	4.492	-0.002	36	50721	100.0	87.0	
31 Methacrylonitrile	67	4.519	4.516	0.003	94	905792	500.0	502.5	
47 Chloroform	83	4.542	4.545	-0.003	91	314674	50.0	48.2	
49 Cyclohexane	56	4.666	4.668	-0.002	96	308141	50.0	50.0	
50 1,1,1-Trichloroethane	97	4.683	4.680	0.003	93	252399	50.0	46.9	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.698	0.003	94	171802	50.0	48.9	
51 Carbon tetrachloride	117	4.801	4.803	-0.002	89	186848	50.0	47.2	
52 1,1-Dichloropropene	75	4.836	4.833	0.003	94	241356	50.0	48.6	
56 Isobutyl alcohol	43	4.960	4.956	0.004	79	213386	1250.0	1190.2	
155 Isooctane	57	5.001	4.997	0.004	100	387053	50.0	47.1	
53 Benzene	78	5.036	5.033	0.003	96	737744	50.0	49.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.054	5.050	0.004	86	262779	50.0	49.8	
57 Isopropyl acetate	43	5.089	5.091	-0.002	96	615337	50.0	48.0	
142 Tert-amyl methyl ether	73	5.095	5.091	0.004	75	533663	50.0	47.0	
55 1,2-Dichloroethane	62	5.130	5.127	0.003	83	265568	50.0	47.6	
58 n-Heptane	57	5.183	5.179	0.004	97	91073	50.0	48.9	
* 59 Fluorobenzene	96	5.324	5.320	0.004	97	723419	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.535	5.532	0.003	93	673882	100.0	99.4	
62 n-Butanol	56	5.623	5.620	0.003	89	102819	1250.0	1214.3	
61 Trichloroethene	95	5.676	5.679	-0.003	90	175515	50.0	47.8	
64 Ethyl acrylate	55	5.794	5.796	-0.002	96	487388	50.0	49.2	
63 Methylcyclohexane	83	5.800	5.796	0.004	70	213879	50.0	50.1	
65 1,2-Dichloropropane	63	5.970	5.967	0.003	90	206021	50.0	47.7	
* 150 1,4-Dioxane-d8	96	6.023	6.025	-0.002	30	40616	1000.0	1000.0	
66 Methyl methacrylate	100	6.041	6.037	0.004	92	96887	100.0	95.0	
67 1,4-Dioxane	88	6.076	6.084	-0.008	70	28167	1000.0	1180.0	
69 n-Propyl acetate	43	6.094	6.096	-0.002	99	344571	50.0	46.0	
68 Dibromomethane	93	6.099	6.102	-0.003	83	110728	50.0	46.6	
70 Dichlorobromomethane	83	6.246	6.249	-0.003	96	219024	50.0	46.8	
71 2-Nitropropane	41	6.587	6.584	0.003	74	74612	100.0	93.0	
72 2-Chloroethyl vinyl ether	63	6.587	6.584	0.003	82	141649	50.0	47.6	
73 Epichlorohydrin	57	6.693	6.695	-0.002	97	404474	1000.0	938.6	
74 cis-1,3-Dichloropropene	75	6.752	6.754	-0.002	90	306353	50.0	48.5	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.913	-0.003	98	1086771	250.0	251.7	
$ 76 Toluene-d8 (Surr)	98	6.992	6.995	-0.003	98	693704	50.0	50.2	
77 Toluene	91	7.075	7.071	0.004	93	680052	50.0	48.6	
78 trans-1,3-Dichloropropene	75	7.421	7.424	-0.003	96	266675	50.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.445	7.447	-0.002	92	260250	50.0	47.9	
79 1,1,2-Trichloroethane	83	7.639	7.641	-0.002	92	137076	50.0	47.3	
80 Tetrachloroethene	166	7.680	7.682	-0.002	82	118510	50.0	47.3	
81 1,3-Dichloropropane	76	7.850	7.853	-0.003	95	282597	50.0	48.1	
83 2-Hexanone	58	7.909	7.912	-0.003	98	384817	250.0	246.9	
85 n-Butyl acetate	43	8.021	8.023	-0.002	98	317359	50.0	48.0	
84 Chlorodibromomethane	129	8.079	8.082	-0.003	95	121590	50.0	47.2	
86 Ethylene Dibromide	107	8.238	8.241	-0.003	98	153002	50.0	47.7	
* 87 Chlorobenzene-d5	117	8.784	8.787	-0.003	78	502445	50.0	50.0	
88 Chlorobenzene	112	8.820	8.822	-0.002	90	396221	50.0	47.5	
89 Ethylbenzene	106	8.926	8.922	0.004	99	210973	50.0	46.7	
90 1,1,1,2-Tetrachloroethane	131	8.943	8.946	-0.003	84	123724	50.0	48.2	
91 m-Xylene & p-Xylene	106	9.084	9.081	0.003	98	259714	50.0	46.9	
93 n-Butyl acrylate	73	9.519	9.516	0.003	94	150052	50.0	49.1	
92 o-Xylene	106	9.531	9.533	-0.002	92	257577	50.0	47.4	
94 Styrene	104	9.566	9.563	0.003	91	464459	50.0	47.9	
96 Amyl acetate (mixed isomer	43	9.742	9.745	-0.003	88	366731	50.0	49.7	
97 Bromoform	173	9.772	9.768	0.004	93	62850	50.0	43.6	
98 Isopropylbenzene	105	9.877	9.880	-0.003	97	601662	50.0	49.8	
$ 99 4-Bromofluorobenzene	174	10.059	10.062	-0.003	78	159416	50.0	49.6	
95 Camphene	41	10.077	10.074	0.003	97	46760	50.0	50.1	
100 Bromobenzene	156	10.177	10.179	-0.002	91	144500	50.0	46.3	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.215	0.003	89	209809	50.0	48.1	
102 N-Propylbenzene	91	10.236	10.238	-0.002	92	756144	50.0	50.7	
103 1,2,3-Trichloropropane	110	10.259	10.256	0.003	95	54997	50.0	45.7	
104 trans-1,4-Dichloro-2-buten	53	10.271	10.273	-0.002	83	72079	50.0	46.8	
105 2-Chlorotoluene	91	10.330	10.326	0.004	96	555656	50.0	49.0	
143 4-Ethyltoluene	105	10.336	10.332	0.004	96	619573	50.0	49.4	
106 1,3,5-Trimethylbenzene	105	10.388	10.385	0.003	91	511319	50.0	49.2	
107 4-Chlorotoluene	91	10.424	10.420	0.004	98	524856	50.0	48.6	
108 Butyl Methacrylate	87	10.465	10.467	-0.002	94	229499	50.0	49.0	
109 tert-Butylbenzene	119	10.624	10.620	0.004	87	367901	50.0	48.7	
110 1,2,4-Trimethylbenzene	105	10.671	10.673	-0.003	99	536822	50.0	48.0	
113 sec-Butylbenzene	105	10.782	10.785	-0.003	98	542597	50.0	49.4	
114 4-Isopropyltoluene	119	10.882	10.885	-0.002	95	472139	50.0	49.6	
115 1,3-Dichlorobenzene	146	10.888	10.890	-0.002	91	275119	50.0	48.0	
* 116 1,4-Dichlorobenzene-d4	152	10.941	10.937	0.004	88	250175	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.955	0.003	90	284657	50.0	47.8	
118 Benzyl chloride	91	11.058	11.055	0.003	98	422862	50.0	48.7	
119 2,3-Dihydroindene	117	11.099	11.102	-0.003	90	539470	50.0	48.6	
133 p-Diethylbenzene	119	11.135	11.137	-0.002	88	269997	50.0	46.5	
120 n-Butylbenzene	91	11.152	11.155	-0.003	93	570043	50.0	49.7	
121 1,2-Dichlorobenzene	146	11.205	11.202	0.003	92	274773	50.0	47.8	
132 1,2,4,5-Tetramethylbenzene	119	11.616	11.613	0.003	96	482046	50.0	48.7	
122 1,2-Dibromo-3-Chloropropan	75	11.687	11.689	-0.002	86	42655	50.0	47.7	
145 1,3,5-Trichlorobenzene	180	11.775	11.772	0.003	93	157610	50.0	46.9	
123 Camphor	95	12.110	12.112	-0.002	94	109396	250.0	238.0	
124 1,2,4-Trichlorobenzene	180	12.169	12.171	-0.002	91	164286	50.0	47.9	
126 Hexachlorobutadiene	225	12.233	12.236	-0.003	87	52973	50.0	47.7	
127 Naphthalene	128	12.339	12.342	-0.003	98	594089	50.0	48.3	
128 1,2,3-Trichlorobenzene	180	12.504	12.500	0.004	94	154490	50.0	47.6	
S 130 1,2-Dichloroethene, Total	100				0			93.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		100.0	94.3	
S 139 Total BTEX	1				0			239.3	

Report Date: 04-Jun-2014 12:40:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13741.D

Injection Date: 04-Jun-2014 02:36:30 Instrument ID: CVOAMS8 Operator ID:

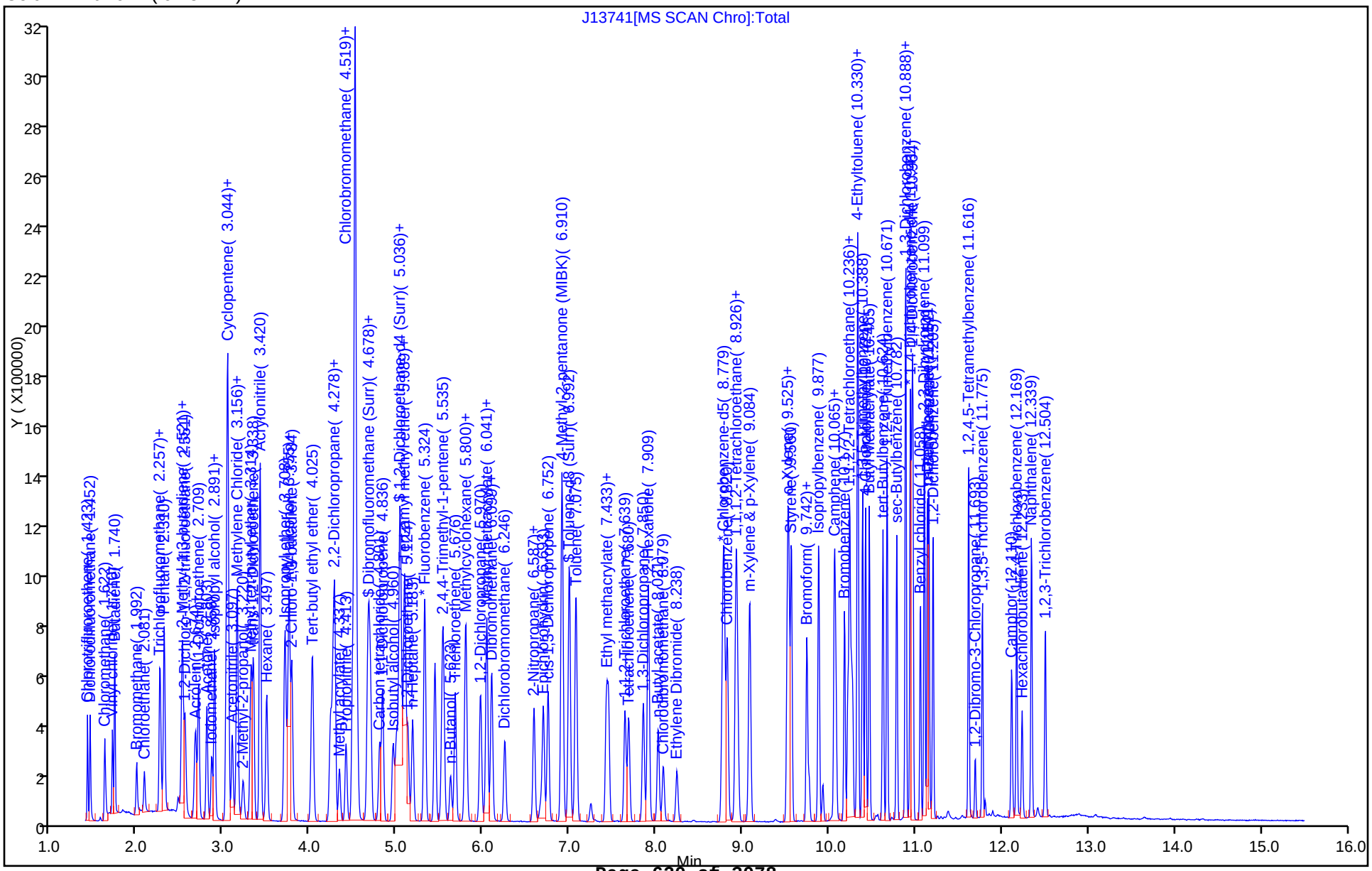
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13742.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Jun-2014 03:01:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0014140-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:40:05 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: boykink Date: 04-Jun-2014 04:48:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.422	1.419	0.003	91	146793	200.0	188.7	
1 Dichlorodifluoromethane	85	1.451	1.454	-0.003	89	909825	200.0	193.7	
2 Chloromethane	50	1.622	1.625	-0.003	88	821841	200.0	181.1	
4 Vinyl chloride	62	1.710	1.713	-0.003	83	751402	200.0	187.9	
149 Butadiene	54	1.734	1.736	-0.002	95	667974	200.0	184.9	
6 Bromomethane	94	1.992	1.995	-0.003	99	305954	200.0	164.5	
7 Chloroethane	64	2.080	2.083	-0.003	97	395087	200.0	189.7	
9 Dichlorofluoromethane	67	2.256	2.259	-0.003	90	1066337	200.0	185.7	
8 Trichlorofluoromethane	101	2.262	2.265	-0.003	85	818097	200.0	193.5	
10 Pentane	72	2.309	2.306	0.003	95	160593	400.0	362.8	
11 Ethanol	46	2.474	2.471	0.003	94	63790	10000	9813.3	
13 Ethyl ether	59	2.509	2.506	0.003	93	464525	200.0	176.6	
14 2-Methyl-1,3-butadiene	53	2.521	2.524	-0.003	96	507832	200.0	199.6	
15 1,2-Dichloro-1,1,2-trifluo	117	2.550	2.547	0.003	90	481374	200.0	196.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.671	-0.003	90	602797	200.0	205.5	
17 Acrolein	56	2.679	2.682	-0.003	94	70692	200.0	206.1	
18 1,1-Dichloroethene	96	2.709	2.706	0.003	86	622586	200.0	186.7	
19 Acetone	43	2.803	2.800	0.003	86	1518061	1000.0	987.5	
20 Iodomethane	142	2.862	2.859	0.003	100	919752	200.0	199.5	
21 Carbon disulfide	76	2.891	2.894	-0.003	100	2440717	200.0	192.1	
34 Isopropyl alcohol	45	2.897	2.894	0.003	99	373902	2000.0	1966.6	
147 3-Chloro-1-propene	76	3.026	3.029	-0.003	91	438161	200.0	191.7	
23 Methyl acetate	43	3.044	3.041	0.003	99	3501802	1000.0	889.6	
22 Cyclopentene	67	3.044	3.047	-0.003	85	2018321	200.0	189.8	
24 Acetonitrile	41	3.097	3.094	0.003	99	1014467	2000.0	1781.5	
25 Methylene Chloride	84	3.155	3.152	0.003	95	748492	200.0	184.8	
* 151 TBA-d9 (IS)	65	3.155	3.152	0.003	37	433854	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.220	3.223	-0.003	99	622516	2000.0	1966.6	
27 Methyl tert-butyl ether	73	3.314	3.311	0.003	97	2264240	200.0	191.0	
29 trans-1,2-Dichloroethene	96	3.343	3.340	0.003	89	685206	200.0	189.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.420	3.417	0.003	93	3275676	2000.0	1861.2	
32 Hexane	57	3.496	3.493	0.003	94	828319	200.0	189.4	
35 Isopropyl ether	45	3.708	3.705	0.003	99	2719667	200.0	187.6	
36 1,1-Dichloroethane	63	3.743	3.740	0.003	94	1488683	200.0	192.9	
37 Vinyl acetate	43	3.755	3.758	-0.003	100	3005602	400.0	355.5	
38 Allyl alcohol	57	3.766	3.769	-0.003	89	226535	5000.0	4918.4	
33 2-Chloro-1,3-butadiene	88	3.784	3.787	-0.003	90	635687	200.0	189.8	
40 Tert-butyl ethyl ether	59	4.025	4.022	0.003	88	2421254	200.0	186.0	
41 2,2-Dichloropropane	77	4.236	4.233	0.003	92	1102475	200.0	184.1	
42 cis-1,2-Dichloroethene	96	4.260	4.263	-0.003	86	745090	200.0	189.4	
44 Ethyl acetate	43	4.283	4.280	0.003	96	3364371	400.0	356.9	
43 2-Butanone (MEK)	72	4.278	4.280	-0.002	96	449734	1000.0	904.5	
39 Methyl acrylate	55	4.336	4.339	-0.003	97	828048	200.0	181.9	
48 Propionitrile	54	4.413	4.410	0.003	98	1150061	2000.0	1861.9	
46 Chlorobromomethane	128	4.489	4.492	-0.003	94	331982	200.0	201.7	
45 Tetrahydrofuran	72	4.489	4.492	-0.003	33	204257	400.0	337.0	
31 Methacrylonitrile	67	4.518	4.516	0.002	90	3397450	2000.0	1863.6	
47 Chloroform	83	4.542	4.545	-0.003	92	1276650	200.0	193.3	
49 Cyclohexane	56	4.665	4.668	-0.003	95	1214055	200.0	194.7	
50 1,1,1-Trichloroethane	97	4.683	4.680	0.003	93	1038567	200.0	190.6	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.698	0.003	94	180103	50.0	50.7	
51 Carbon tetrachloride	117	4.801	4.803	-0.003	90	810724	200.0	202.3	
52 1,1-Dichloropropene	75	4.836	4.833	0.003	93	979554	200.0	194.8	
56 Isobutyl alcohol	43	4.959	4.956	0.003	79	812471	5000.0	4357.5	
155 Isooctane	57	5.000	4.997	0.003	99	1519478	200.0	182.8	
53 Benzene	78	5.036	5.033	0.003	96	2906816	200.0	193.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.053	5.050	0.003	87	268513	50.0	50.3	
57 Isopropyl acetate	43	5.088	5.091	-0.003	97	2372526	200.0	183.0	
142 Tert-amyl methyl ether	73	5.094	5.091	0.003	94	2129972	200.0	185.5	
55 1,2-Dichloroethane	62	5.130	5.127	0.003	91	1064467	200.0	188.8	
58 n-Heptane	57	5.182	5.179	0.003	97	343017	200.0	182.0	
* 59 Fluorobenzene	96	5.323	5.320	0.003	97	731566	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.535	5.532	0.003	94	2637139	400.0	384.5	
62 n-Butanol	56	5.623	5.620	0.003	89	393034	5000.0	4463.1	
61 Trichloroethene	95	5.676	5.679	-0.003	90	720203	200.0	194.0	
64 Ethyl acrylate	55	5.799	5.796	0.003	96	1885293	200.0	188.2	
63 Methylcyclohexane	83	5.799	5.796	0.003	70	841696	200.0	195.1	
65 1,2-Dichloropropane	63	5.970	5.967	0.003	89	830563	200.0	190.3	
* 150 1,4-Dioxane-d8	96	6.028	6.025	0.003	34	46562	1000.0	1000.0	
66 Methyl methacrylate	100	6.040	6.037	0.003	91	384341	400.0	372.6	
67 1,4-Dioxane	88	6.081	6.084	-0.003	43	108154	4000.0	3918.7	
69 n-Propyl acetate	43	6.093	6.096	-0.003	99	1331300	200.0	175.7	
68 Dibromomethane	93	6.099	6.102	-0.003	86	449161	200.0	187.1	
70 Dichlorobromomethane	83	6.252	6.249	0.003	96	935679	200.0	197.5	
71 2-Nitropropane	41	6.587	6.584	0.003	77	356182	400.0	438.9	
72 2-Chloroethyl vinyl ether	63	6.587	6.584	0.003	80	573642	200.0	190.6	
73 Epichlorohydrin	57	6.698	6.695	0.003	97	1596101	4000.0	3662.4	
74 cis-1,3-Dichloropropene	75	6.751	6.754	-0.003	90	1243185	200.0	194.7	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.913	-0.003	97	4043249	1000.0	925.9	
$ 76 Toluene-d8 (Surr)	98	6.998	6.995	0.003	98	695861	50.0	49.8	
77 Toluene	91	7.074	7.071	0.003	94	2689269	200.0	190.2	
78 trans-1,3-Dichloropropene	75	7.427	7.424	0.003	96	1089397	200.0	196.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.450	7.447	0.003	92	1040420	200.0	189.4	
79 1,1,2-Trichloroethane	83	7.638	7.641	-0.003	93	559077	200.0	190.9	
80 Tetrachloroethene	166	7.685	7.682	0.003	85	503208	200.0	198.8	
81 1,3-Dichloropropane	76	7.850	7.853	-0.003	94	1134476	200.0	190.8	
83 2-Hexanone	58	7.909	7.912	-0.003	97	1509183	1000.0	931.0	
85 n-Butyl acetate	43	8.020	8.023	-0.003	98	1230524	200.0	184.1	
84 Chlorodibromomethane	129	8.085	8.082	0.003	97	559223	200.0	214.8	
86 Ethylene Dibromide	107	8.238	8.241	-0.003	98	608640	200.0	187.5	
* 87 Chlorobenzene-d5	117	8.784	8.787	-0.003	68	508090	50.0	50.0	
88 Chlorobenzene	112	8.825	8.822	0.003	89	1603396	200.0	190.2	
89 Ethylbenzene	106	8.925	8.922	0.003	99	881457	200.0	193.1	
90 1,1,1,2-Tetrachloroethane	131	8.943	8.946	-0.003	86	542466	200.0	209.1	
91 m-Xylene & p-Xylene	106	9.084	9.081	0.003	97	1065898	200.0	190.2	
93 n-Butyl acrylate	73	9.519	9.516	0.002	94	593667	200.0	191.9	
92 o-Xylene	106	9.536	9.533	0.003	92	1067024	200.0	194.3	
94 Styrene	104	9.566	9.563	0.003	91	1890265	200.0	192.6	
96 Amyl acetate (mixed isomer	43	9.742	9.745	-0.003	89	1433571	200.0	189.7	
97 Bromoform	173	9.771	9.768	0.003	93	315552	200.0	216.4	
98 Isopropylbenzene	105	9.883	9.880	0.003	98	2358560	200.0	192.9	
$ 99 4-Bromofluorobenzene	174	10.065	10.062	0.003	75	163251	50.0	50.2	
95 Camphene	41	10.077	10.074	0.003	97	180918	200.0	191.7	
100 Bromobenzene	156	10.182	10.179	0.003	92	610019	200.0	190.7	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.215	0.003	89	853827	200.0	191.0	
102 N-Propylbenzene	91	10.241	10.238	0.003	92	2909257	200.0	190.5	
103 1,2,3-Trichloropropane	110	10.259	10.256	0.003	98	225806	200.0	183.0	
104 trans-1,4-Dichloro-2-buten	53	10.276	10.273	0.003	89	306620	200.0	194.2	
105 2-Chlorotoluene	91	10.329	10.326	0.003	96	2236964	200.0	192.3	
143 4-Ethyltoluene	105	10.335	10.332	0.003	89	2483262	200.0	193.1	
106 1,3,5-Trimethylbenzene	105	10.388	10.385	0.003	92	2032126	200.0	190.8	
107 4-Chlorotoluene	91	10.423	10.420	0.003	99	2092019	200.0	188.9	
108 Butyl Methacrylate	87	10.464	10.467	-0.003	93	949471	200.0	197.9	
109 tert-Butylbenzene	119	10.623	10.620	0.003	90	1507593	200.0	194.9	
110 1,2,4-Trimethylbenzene	105	10.670	10.673	-0.003	99	2172395	200.0	189.6	
113 sec-Butylbenzene	105	10.782	10.785	-0.003	97	2143640	200.0	190.3	
114 4-Isopropyltoluene	119	10.882	10.885	-0.002	95	1983906	200.0	203.3	
115 1,3-Dichlorobenzene	146	10.887	10.890	-0.003	91	1219460	200.0	207.8	
* 116 1,4-Dichlorobenzene-d4	152	10.940	10.937	0.003	72	256390	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.955	0.003	90	1252462	200.0	205.2	
118 Benzyl chloride	91	11.058	11.055	0.003	98	1770316	200.0	199.0	
119 2,3-Dihydroindene	117	11.105	11.102	0.003	91	2191832	200.0	192.8	
133 p-Diethylbenzene	119	11.140	11.137	0.003	89	1138727	200.0	191.5	
120 n-Butylbenzene	91	11.152	11.155	-0.003	97	2217420	200.0	188.8	
121 1,2-Dichlorobenzene	146	11.205	11.202	0.003	92	1168567	200.0	198.4	
132 1,2,4,5-Tetramethylbenzene	119	11.616	11.613	0.003	96	1968260	200.0	194.2	
122 1,2-Dibromo-3-Chloropropan	75	11.692	11.689	0.003	91	189867	200.0	207.0	
145 1,3,5-Trichlorobenzene	180	11.775	11.772	0.003	95	683816	200.0	198.5	
123 Camphor	95	12.110	12.112	-0.002	94	416576	1000.0	884.4	
124 1,2,4-Trichlorobenzene	180	12.168	12.171	-0.003	91	697973	200.0	198.6	
126 Hexachlorobutadiene	225	12.233	12.236	-0.003	88	216583	200.0	190.4	
127 Naphthalene	128	12.339	12.342	-0.003	98	2368463	200.0	187.9	
128 1,2,3-Trichlorobenzene	180	12.503	12.500	0.003	93	654881	200.0	196.7	
S 130 1,2-Dichloroethene, Total	100				0			379.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		400.0	384.4	
S 139 Total BTEX	1				0			961.4	

Report Date: 04-Jun-2014 12:40:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13742.D

Injection Date: 04-Jun-2014 03:01:30 Instrument ID: CVOAMS8 Operator ID:

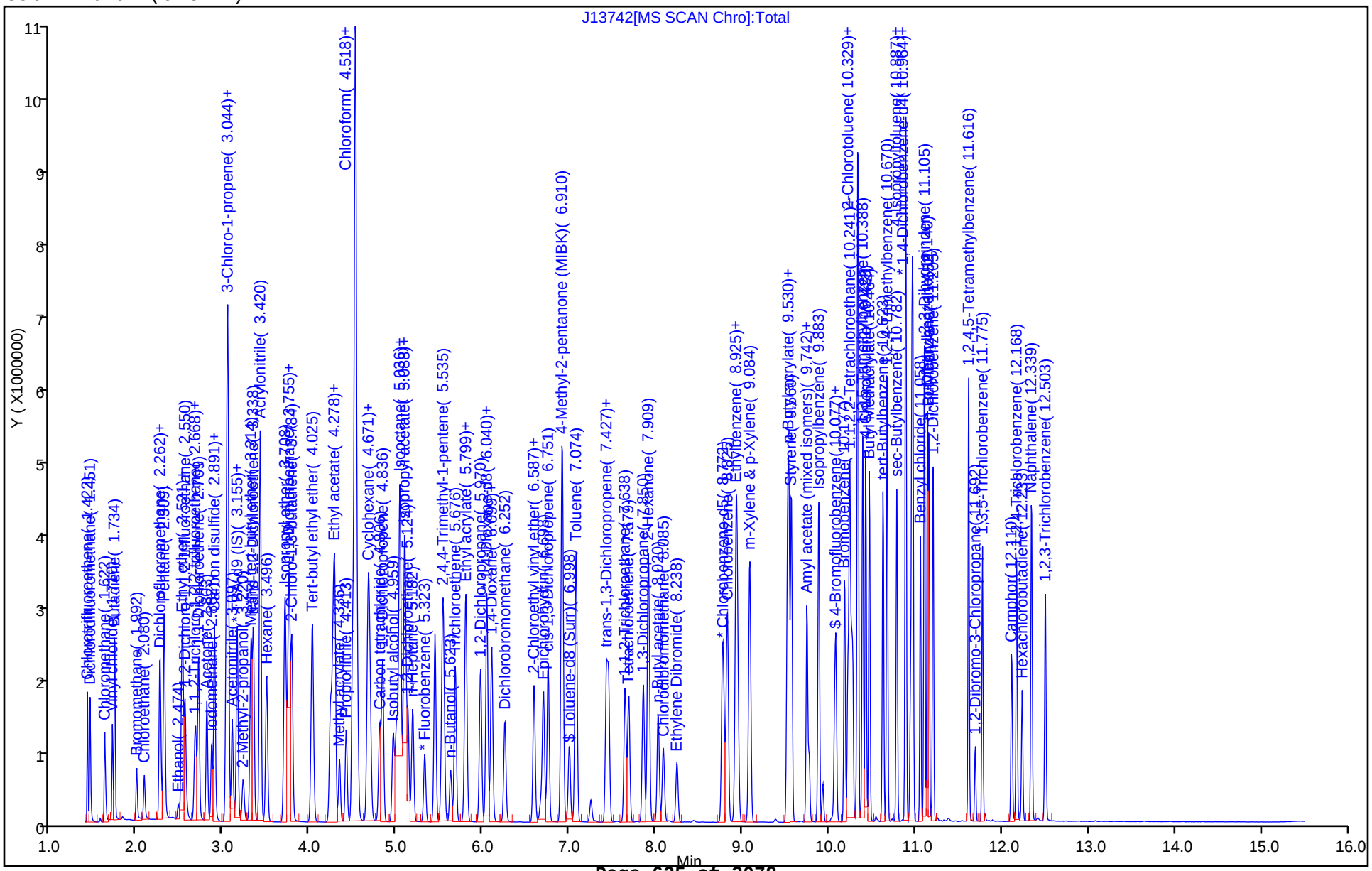
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Jun-2014 03:26:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0014140-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:40:08 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: delpolitov Date: 04-Jun-2014 12:31:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.423	1.419	0.004	56	363514	500.0	462.0	
1 Dichlorodifluoromethane	85	1.452	1.454	-0.002	88	2210271	500.0	465.1	
2 Chloromethane	50	1.622	1.625	-0.003	88	2112341	500.0	460.2	
4 Vinyl chloride	62	1.710	1.713	-0.003	83	1853873	500.0	458.2	
149 Butadiene	54	1.734	1.736	-0.002	94	1628359	500.0	445.5	
6 Bromomethane	94	1.993	1.995	-0.003	99	767028	500.0	407.6	M
7 Chloroethane	64	2.081	2.083	-0.002	97	1006165	500.0	478.1	
9 Dichlorofluoromethane	67	2.257	2.259	-0.002	89	2569282	500.0	442.4	
8 Trichlorofluoromethane	101	2.263	2.265	-0.002	67	1969706	500.0	460.7	
10 Pentane	72	2.310	2.306	0.004	94	388028	1000.0	867.7	
11 Ethanol	46	2.474	2.471	0.003	1	171304	25000	25024	
13 Ethyl ether	59	2.510	2.506	0.004	93	1131205	500.0	425.2	
14 2-Methyl-1,3-butadiene	53	2.521	2.524	-0.003	97	1205567	500.0	500.1	
15 1,2-Dichloro-1,1,2-trifluo	117	2.551	2.547	0.004	88	1075363	500.0	433.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.671	-0.003	91	1535022	500.0	517.4	
17 Acrolein	56	2.680	2.682	-0.002	41	144672	400.0	417.6	
18 1,1-Dichloroethene	96	2.709	2.706	0.003	84	1608346	500.0	476.9	
19 Acetone	43	2.803	2.800	0.003	87	3577686	2500.0	2502.1	
20 Iodomethane	142	2.856	2.859	-0.003	100	2388393	500.0	512.2	
21 Carbon disulfide	76	2.891	2.894	-0.003	99	5587917	500.0	434.8	
34 Isopropyl alcohol	45	2.897	2.894	0.003	11	996495	5000.0	5004.2	
147 3-Chloro-1-propene	76	3.027	3.029	-0.002	81	1088416	500.0	470.8	
23 Methyl acetate	43	3.044	3.041	0.003	95	6803714	2500.0	1708.8	
22 Cyclopentene	67	3.044	3.047	-0.003	79	4695069	500.0	436.5	
24 Acetonitrile	41	3.097	3.094	0.003	92	2481369	5000.0	4313.6	
25 Methylene Chloride	84	3.156	3.152	0.004	92	1890234	500.0	461.4	
* 151 TBA-d9 (IS)	65	3.156	3.152	0.004	29	438276	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.226	3.223	0.003	14	1629531	5000.0	5004.4	
27 Methyl tert-butyl ether	73	3.314	3.311	0.003	97	5451690	500.0	454.7	
29 trans-1,2-Dichloroethene	96	3.344	3.340	0.004	81	1775424	500.0	486.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.420	3.417	0.003	90	6834836	5000.0	3839.3	
32 Hexane	57	3.497	3.493	0.004	94	1980710	500.0	447.7	
35 Isopropyl ether	45	3.708	3.705	0.003	95	6192583	500.0	422.4	
36 1,1-Dichloroethane	63	3.743	3.740	0.003	94	3627784	500.0	464.7	
37 Vinyl acetate	43	3.755	3.758	-0.003	99	6350979	1000.0	742.7	
38 Allyl alcohol	57	3.767	3.769	-0.002	32	630924	12500	12510	
33 2-Chloro-1,3-butadiene	88	3.785	3.787	-0.002	90	1676964	500.0	495.0	
40 Tert-butyl ethyl ether	59	4.025	4.022	0.003	90	5724268	500.0	434.8	
41 2,2-Dichloropropane	77	4.237	4.233	0.004	92	2755137	500.0	454.8	
42 cis-1,2-Dichloroethene	96	4.260	4.263	-0.003	86	1942118	500.0	488.1	
44 Ethyl acetate	43	4.284	4.280	0.004	97	7155772	1000.0	750.4	
43 2-Butanone (MEK)	72	4.284	4.280	0.004	97	1128806	2500.0	2247.3	
39 Methyl acrylate	55	4.337	4.339	-0.002	97	2100203	500.0	456.1	
48 Propionitrile	54	4.419	4.410	0.009	36	2799008	5000.0	4485.8	
46 Chlorobromomethane	128	4.490	4.492	-0.002	76	870598	500.0	523.0	
45 Tetrahydrofuran	72	4.490	4.492	-0.002	32	512510	1000.0	836.9	
31 Methacrylonitrile	67	4.525	4.516	0.009	82	7129411	5000.0	3866.2	
47 Chloroform	83	4.548	4.545	0.003	92	3114425	500.0	466.1	
49 Cyclohexane	56	4.666	4.668	-0.002	93	2971384	500.0	471.0	
50 1,1,1-Trichloroethane	97	4.683	4.680	0.003	58	2685782	500.0	487.4	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.698	0.003	38	185991	50.0	51.8	
51 Carbon tetrachloride	117	4.801	4.803	-0.002	90	2118391	500.0	522.6	
52 1,1-Dichloropropene	75	4.836	4.833	0.003	94	2470761	500.0	485.9	
56 Isobutyl alcohol	43	4.960	4.956	0.004	57	2193027	12500	11643	
155 Isooctane	57	5.001	4.997	0.004	98	3676184	500.0	437.2	
53 Benzene	78	5.036	5.033	0.003	85	6767104	500.0	434.0	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.054	5.050	0.004	20	273226	50.0	50.6	
57 Isopropyl acetate	43	5.089	5.091	-0.002	92	5485591	500.0	418.3	
142 Tert-amyl methyl ether	73	5.095	5.091	0.004	67	5233083	500.0	450.6	
55 1,2-Dichloroethane	62	5.130	5.127	0.003	91	2645930	500.0	464.1	
58 n-Heptane	57	5.183	5.179	0.004	95	830502	500.0	435.7	
* 59 Fluorobenzene	96	5.324	5.320	0.004	97	739994	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.535	5.532	0.003	93	5981948	1000.0	862.3	
62 n-Butanol	56	5.624	5.620	0.004	91	1091358	12500	12268	
61 Trichloroethene	95	5.676	5.679	-0.003	92	1863506	500.0	496.3	
64 Ethyl acrylate	55	5.800	5.796	0.004	96	4460910	500.0	440.1	
63 Methylcyclohexane	83	5.800	5.796	0.004	71	2059957	500.0	472.0	
65 1,2-Dichloropropane	63	5.970	5.967	0.003	57	2060379	500.0	466.6	
* 150 1,4-Dioxane-d8	96	6.023	6.025	-0.002	34	49825	1000.0	1000.0	M
66 Methyl methacrylate	100	6.047	6.037	0.010	88	1012852	1000.0	970.7	
67 1,4-Dioxane	88	6.088	6.084	0.004	26	301271	10000	10011	
69 n-Propyl acetate	43	6.099	6.096	0.003	98	3164159	500.0	412.8	
68 Dibromomethane	93	6.099	6.102	-0.003	49	1153270	500.0	474.9	
70 Dichlorobromomethane	83	6.252	6.249	0.003	96	2439612	500.0	509.1	
71 2-Nitropropane	41	6.587	6.584	0.003	78	1003065	1000.0	1221.9	
72 2-Chloroethyl vinyl ether	63	6.587	6.584	0.003	77	1447619	500.0	475.6	
73 Epichlorohydrin	57	6.699	6.695	0.004	98	3846955	10000	8726.6	
74 cis-1,3-Dichloropropene	75	6.752	6.754	-0.002	90	3099537	500.0	467.5	
75 4-Methyl-2-pentanone (MIBK	43	6.916	6.913	0.003	92	8318762	2500.0	1834.7	
$ 76 Toluene-d8 (Surr)	98	6.998	6.995	0.003	85	691275	50.0	47.6	
77 Toluene	91	7.075	7.071	0.004	95	6285721	500.0	428.3	
78 trans-1,3-Dichloropropene	75	7.427	7.424	0.003	96	2737643	500.0	476.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.451	7.447	0.004	90	2585511	500.0	465.4	
79 1,1,2-Trichloroethane	83	7.639	7.641	-0.002	93	1414100	500.0	465.2	
80 Tetrachloroethene	166	7.686	7.682	0.004	87	1334959	500.0	507.9	
81 1,3-Dichloropropane	76	7.850	7.853	-0.003	75	2798077	500.0	453.2	
83 2-Hexanone	58	7.915	7.912	0.003	93	3637684	2500.0	2221.4	
85 n-Butyl acetate	43	8.027	8.023	0.004	99	3004367	500.0	432.9	
84 Chlorodibromomethane	129	8.085	8.082	0.003	97	1553867	500.0	574.9	
86 Ethylene Dibromide	107	8.244	8.241	0.003	99	1567568	500.0	465.0	
* 87 Chlorobenzene-d5	117	8.790	8.787	0.003	66	527532	50.0	50.0	
88 Chlorobenzene	112	8.826	8.822	0.004	87	4084604	500.0	466.8	
89 Ethylbenzene	106	8.926	8.922	0.004	98	2310234	500.0	487.5	
90 1,1,1,2-Tetrachloroethane	131	8.943	8.946	-0.003	58	1488480	500.0	552.6	
91 m-Xylene & p-Xylene	106	9.084	9.081	0.003	95	2760901	500.0	474.4	
93 n-Butyl acrylate	73	9.519	9.516	0.003	96	1526552	500.0	475.3	
92 o-Xylene	106	9.537	9.533	0.004	94	2789030	500.0	489.1	
94 Styrene	104	9.566	9.563	0.003	89	4737876	500.0	464.9	
96 Amyl acetate (mixed isomer	43	9.742	9.745	-0.003	90	3504060	500.0	420.9	
97 Bromoform	173	9.772	9.768	0.004	94	991821	500.0	655.0	
98 Isopropylbenzene	105	9.883	9.880	0.003	95	5641647	500.0	444.3	
$ 99 4-Bromofluorobenzene	174	10.065	10.062	0.003	58	172632	50.0	51.1	
95 Camphene	41	10.077	10.074	0.003	96	442492	500.0	451.5	
100 Bromobenzene	156	10.183	10.179	0.004	85	1742960	500.0	494.5	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.215	0.003	69	2275536	500.0	461.9	
102 N-Propylbenzene	91	10.242	10.238	0.004	79	6404809	500.0	380.5	
103 1,2,3-Trichloropropane	110	10.259	10.256	0.003	97	638741	500.0	469.8	
104 trans-1,4-Dichloro-2-buten	53	10.277	10.273	0.004	79	814044	500.0	467.8	
105 2-Chlorotoluene	91	10.330	10.326	0.004	97	5063010	500.0	395.0	
143 4-Ethyltoluene	105	10.336	10.332	0.004	83	5642885	500.0	398.3	
106 1,3,5-Trimethylbenzene	105	10.389	10.385	0.004	82	4903987	500.0	417.9	
107 4-Chlorotoluene	91	10.424	10.420	0.004	84	4997350	500.0	409.4	
108 Butyl Methacrylate	87	10.465	10.467	-0.002	91	2559960	500.0	484.2	
109 tert-Butylbenzene	119	10.624	10.620	0.004	89	3871053	500.0	454.2	
110 1,2,4-Trimethylbenzene	105	10.671	10.673	-0.002	96	5106925	500.0	404.5	
113 sec-Butylbenzene	105	10.782	10.785	-0.003	95	5078210	500.0	409.1	
114 4-Isopropyltoluene	119	10.888	10.885	0.004	92	4610434	500.0	428.7	
115 1,3-Dichlorobenzene	146	10.894	10.890	0.004	92	3176223	500.0	491.2	
* 116 1,4-Dichlorobenzene-d4	152	10.941	10.937	0.004	95	282527	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.955	0.003	89	3338358	500.0	496.3	
118 Benzyl chloride	91	11.058	11.055	0.003	98	4302852	500.0	438.9	
119 2,3-Dihydroindene	117	11.105	11.102	0.003	84	5144313	500.0	410.7	
133 p-Diethylbenzene	119	11.141	11.137	0.004	87	3002492	500.0	458.2	
120 n-Butylbenzene	91	11.158	11.155	0.003	95	5170929	500.0	399.5	
121 1,2-Dichlorobenzene	146	11.205	11.202	0.003	90	3168705	500.0	488.3	
132 1,2,4,5-Tetramethylbenzene	119	11.617	11.613	0.004	96	4426294	500.0	396.3	
122 1,2-Dibromo-3-Chloropropan	75	11.693	11.689	0.004	93	504398	500.0	499.0	
145 1,3,5-Trichlorobenzene	180	11.775	11.772	0.003	92	1824942	500.0	480.8	
123 Camphor	95	12.110	12.112	-0.002	89	1082851	2500.0	2086.1	
124 1,2,4-Trichlorobenzene	180	12.169	12.171	-0.002	90	1885165	500.0	486.8	
126 Hexachlorobutadiene	225	12.233	12.236	-0.003	89	583937	500.0	465.8	
127 Naphthalene	128	12.345	12.342	0.003	96	5517150	500.0	397.2	
128 1,2,3-Trichlorobenzene	180	12.504	12.500	0.004	92	1759914	500.0	479.8	
S 130 1,2-Dichloroethene, Total	100				0			974.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		1000.0	963.5	
S 139 Total BTEX	1				0			2313.2	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 04-Jun-2014 12:40:09 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Injection Date: 04-Jun-2014 03:26:30 Instrument ID: CVOAMS8 Operator ID:

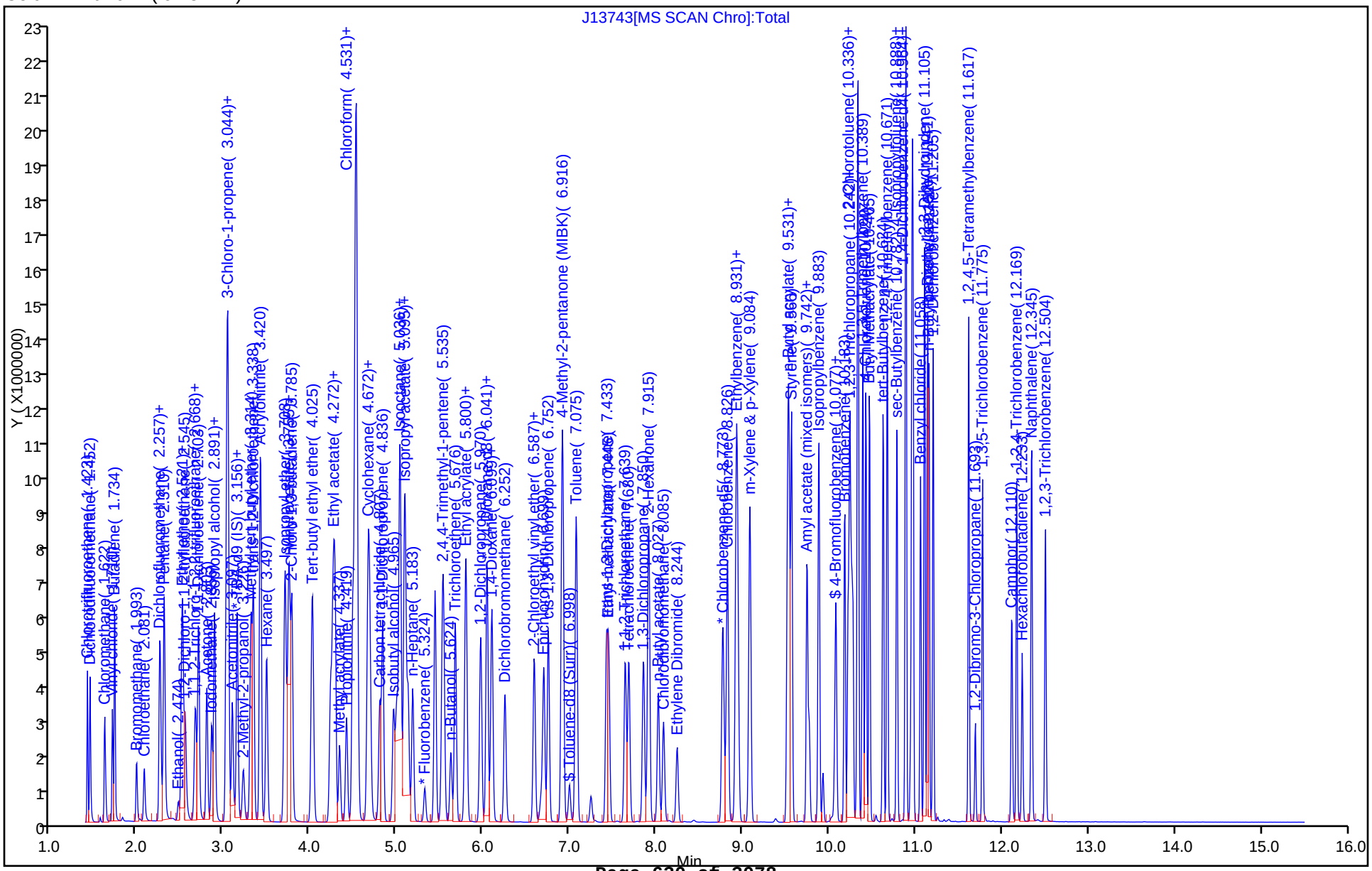
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)


J13743[MS SCAN Chro]:Total
Y (X1000000)
Min
Chloroform(4.531)+
3-Chloro-1-propene(3.044)+
Toluene(7.075)
4-Methyl-2-pentanone (MIBK)(6.916)
m-Xylene & p-Xylene(9.084)
Ethylbenzene(8.931)+
Styrene(9.531)+
Amyl acetate (mixed isomers)(9.742)+
Isopropylbenzene(9.883)
1,2,4,5-Tetramethylbenzene(11.617)
1,3,5-Trichlorobenzene(11.775)
Naphthalene(12.345)
1,2,3-Trichlorobenzene(12.504)
Hexachlorobutadiene(12.293)
Camphor(12.110)
1,2,4-Trichlorobenzene(12.169)
1,2-Dibromo-3-Chloropropane(11.693)
Dibromofluoromethane(1.424)
Chlorodifluoromethane(1.452)
Chloromethane(1.622)
Vinyl chloride(1.734)
Bromomethane(1.993)
Chloroethane(2.081)
Trichlorofluoromethane(2.257)+
Dichloromethane(2.319)
Ethanol(2.474)
1,1-Dichloroethene(2.521)
1,1,2-Trichlorotrifluoroethane(2.545)
Carbon disulfide(2.668)+
Acetonitrile(2.891)+
Acetone(2.891)+
Allyl alcohol(2.891)+
Propionitrile(3.156)+
Methyl acrylate(3.338)
Methacrylonitrile(3.420)
Methyl tert-butyl ether(3.497)
Hexane(3.497)
2-Chloro-1,3-butadiene(3.785)
Tert-butyl ethyl ether(4.025)
Ethyl acetate(4.272)+
Methyl acrylate(4.319)
Propionitrile(4.319)
Cyclohexane(4.672)+
Carbon tetrachloride(4.836)
Isobutyl alcohol(4.965)
Isopropyl acetate(5.036)+
n-Heptane(5.183)
* Fluorobenzene(5.324)
2,4,4-Trimethyl-1-pentene(5.535)
n-Butanol(5.622)
Trichloroethene(5.676)
Ethyl acrylate(5.800)+
1,2-Dichloropropane(5.870)+
1,4-Dioxane(6.041)+
Dichlorobromomethane(6.252)
2-Chloroethyl vinyl ether(6.587)+
Epichlorohydrin(6.752)
$ Toluene-d8 (Surr)(6.998)
Methyl methacrylate(7.433)
Tetrachloroethene(7.639)
1,3-Dichloropropane(7.850)
n-Hexanone(7.915)
Chlorobenzene(8.244)
Ethylene Dibromide(8.244)
* Chlorobenzene-d5 (IS)(8.778)+
1,1,1,2-Tetrachloroethane(8.826)
Styrene(9.531)+
Bromoform(10.077)+
$ 4-Bromofluorobenzene(10.242)
1,1,2,2-Tetrachloroethane(10.336)+
Bromobenzene(10.389)
n-Propylbenzene(10.389)
2-Chlorotoluene(10.389)
1,3,5-Trimethylbenzene(10.389)
4-Chlorotoluene(10.389)
tert-Butylbenzene(10.671)
1,2,4-Trimethylbenzene(10.684)
sec-Butylbenzene(10.882)+
1,3-Dichlorobenzene(10.882)+
p-Isopropyltoluene(10.882)+
1,4-Dichlorobenzene(10.882)+
n-Butylbenzene(10.882)+
1,2-Dichlorobenzene(11.058)
Benzyl chloride(11.105)
1,2-Dichloropropane(11.205)
1,2,3-Trichloropropane(11.205)
Dibromochloromethane(11.205)
Bromochloromethane(11.205)
Chlorodibromomethane(11.205)
Dibromomethane(11.205)
Dichlorodifluoromethane(11.205)
Chloromethane(11.205)
Vinyl chloride(11.205)
Bromomethane(11.205)
Chloroethane(11.205)
Trichlorofluoromethane(11.205)
Dichloromethane(11.205)
1,1-Dichloroethene(11.205)
1,1,2-Trichlorotrifluoroethane(11.205)
Carbon disulfide(11.205)
trans-1,2-Dichloroethene(11.205)
Acetonitrile(11.205)
Acetone(11.205)
Allyl alcohol(11.205)
Propionitrile(11.205)
Methyl tert-butyl ether(11.205)
Methacrylonitrile(11.205)
Hexane(11.205)
2-Chloro-1,3-butadiene(11.205)
Tert-butyl ethyl ether(11.205)
Ethyl acetate(11.205)
Methyl acrylate(11.205)
Propionitrile(11.205)
Cyclohexane(11.205)
Carbon tetrachloride(11.205)
Isobutyl alcohol(11.205)
Isopropyl acetate(11.205)
n-Heptane(11.205)
* Fluorobenzene(11.205)
2,4,4-Trimethyl-1-pentene(11.205)
n-Butanol(11.205)
Trichloroethene(11.205)
Ethyl acrylate(11.205)
1,2-Dichloropropane(11.205)
1,4-Dioxane(11.205)
Dichlorobromomethane(11.205)
2-Chloroethyl vinyl ether(11.205)
Epichlorohydrin(11.205)
$ Toluene-d8 (Surr)(11.205)
Methyl methacrylate(11.205)
Tetrachloroethene(11.205)
1,3-Dichloropropane(11.205)
n-Hexanone(11.205)
Chlorobenzene(11.205)
Ethylene Dibromide(11.205)
* Chlorobenzene-d5 (IS)(11.205)
1,1,1,2-Tetrachloroethane(11.205)
Styrene(11.205)
Bromoform(11.205)
$ 4-Bromofluorobenzene(11.205)
1,1,2,2-Tetrachloroethane(11.205)
Bromobenzene(11.205)
n-Propylbenzene(11.205)
2-Chlorotoluene(11.205)
1,3,5-Trimethylbenzene(11.205)
4-Chlorotoluene(11.205)
tert-Butylbenzene(11.205)
1,2,4-Trimethylbenzene(11.205)
sec-Butylbenzene(11.205)
1,3-Dichlorobenzene(11.205)
p-Isopropyltoluene(11.205)
1,4-Dichlorobenzene(11.205)
n-Butylbenzene(11.205)
1,2-Dichlorobenzene(11.205)
Benzyl chloride(11.205

Manual Integration/User Assign Peak Report

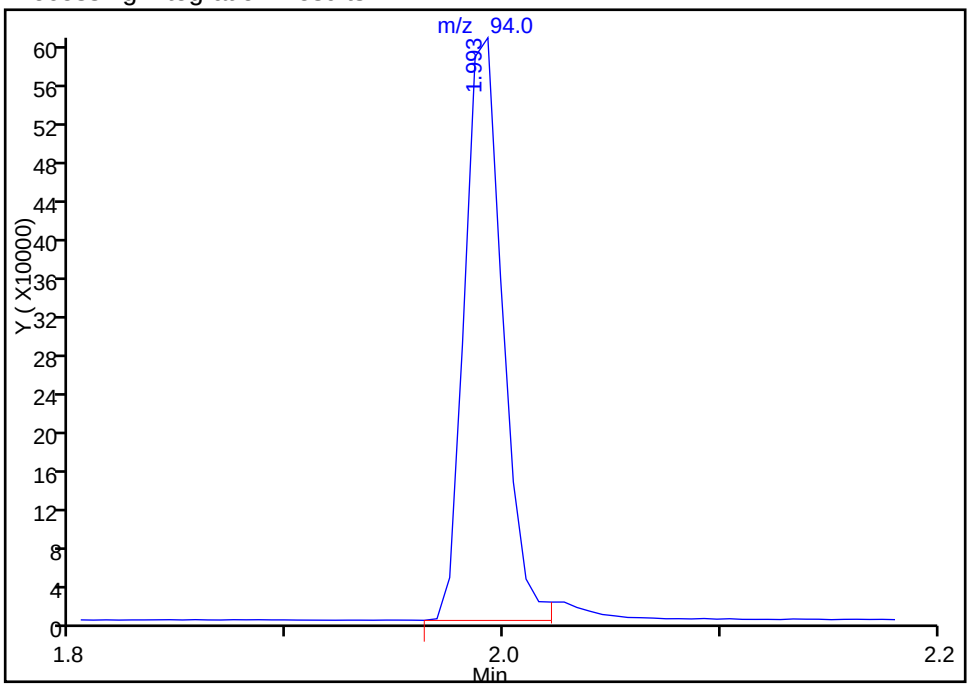
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D
Injection Date: 04-Jun-2014 03:26:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Bromomethane, CAS: 74-83-9

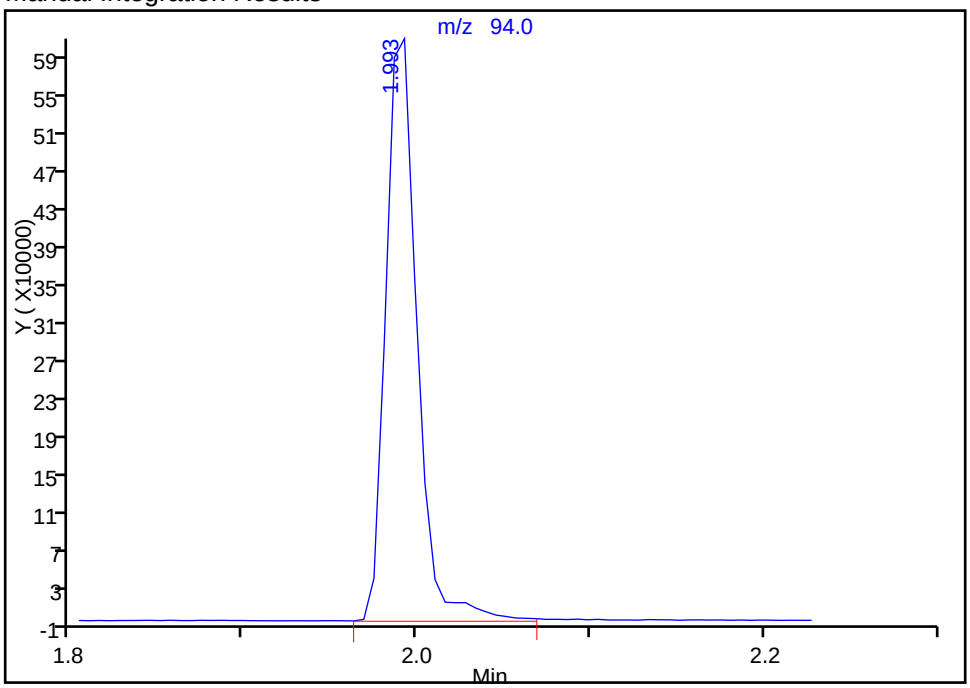
Processing Integration Results

RT: 1.99
Response: 743752
Amount: 500.1513



Manual Integration Results

RT: 1.99
Response: 767028
Amount: 407.6429



Reviewer: delpolitov, 04-Jun-2014 12:32:18
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

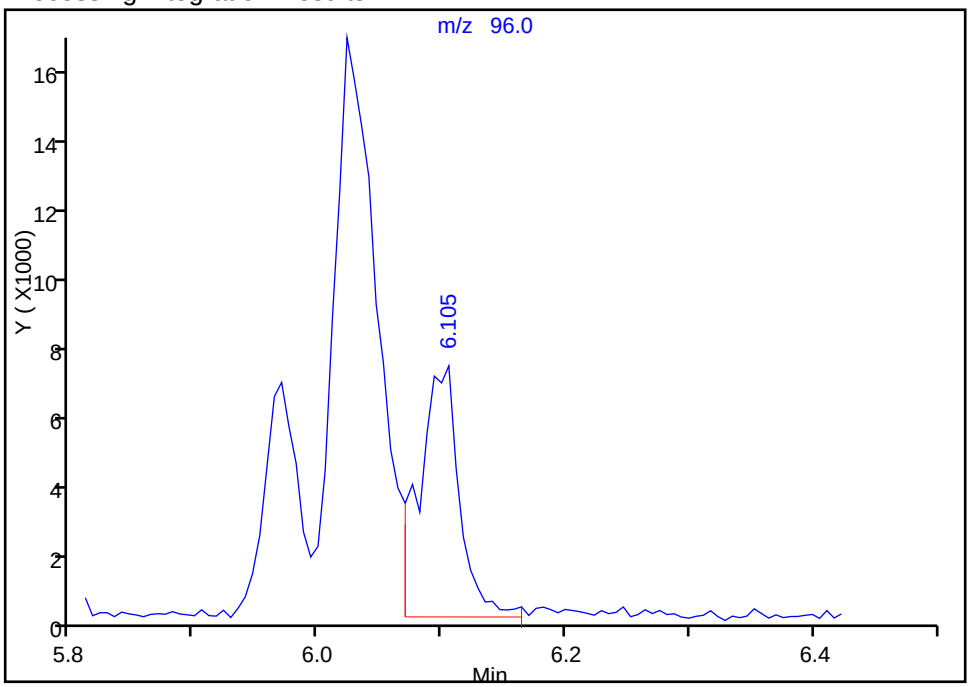
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D
Injection Date: 04-Jun-2014 03:26:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 150 1,4-Dioxane-d8, CAS: 17647-74-4

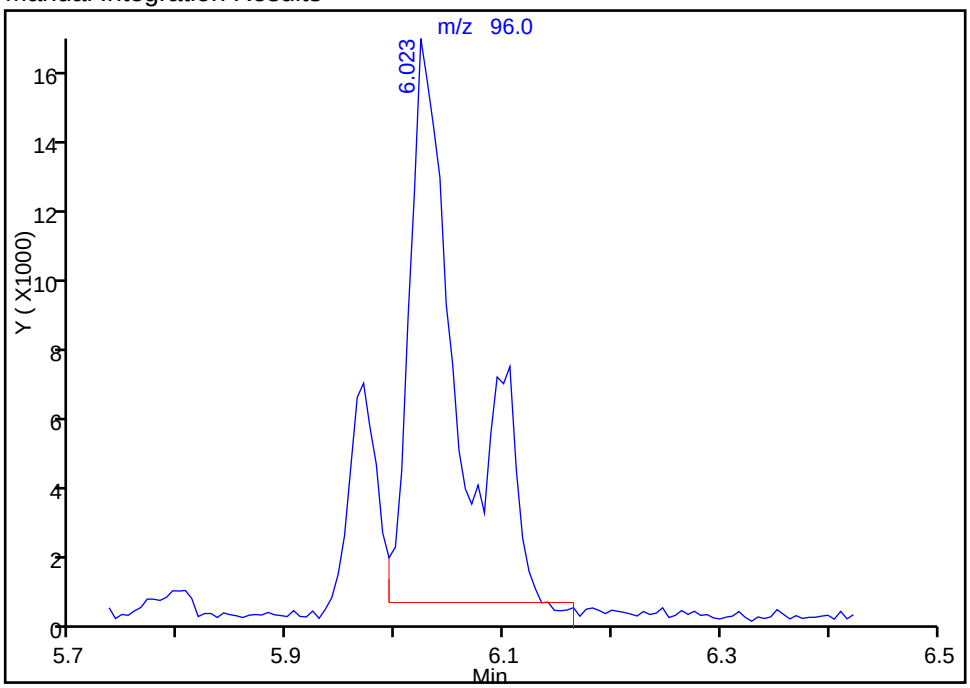
Processing Integration Results

RT: 6.11
Response: 15951
Amount: 1000.0000



Manual Integration Results

RT: 6.02
Response: 49825
Amount: 1000.0000



Reviewer: delpolitov, 04-Jun-2014 12:31:04
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-230933/13	K28252.D
Level 2	STD5 460-230933/4	K28243.D
Level 3	STD20 460-230933/5	K28244.D
Level 4	STD50 460-230933/6	K28245.D
Level 5	STD200 460-230933/7	K28246.D
Level 6	STD500 460-230933/8	K28247.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								
Chlorotrifluoroethene	0.1681 0.1245	0.1161	0.1316	0.1205	0.1215	Ave		0.1304				15.0		20.0			
Dichlorodifluoromethane	0.7788 0.7664	0.6317	0.7400	0.6764	0.7705	Ave		0.7273			0.1000	8.2		20.0			
Chloromethane	0.7459 0.6517	0.5938	0.6466	0.5968	0.6589	Ave		0.6490			0.1000	8.5		20.0			
Vinyl chloride	0.7259 0.6352	0.5727	0.6528	0.6031	0.6504	Ave		0.6400			0.1000	8.1		20.0			
Butadiene	0.5337 0.5150	0.4384	0.5007	0.4703	0.5214	Ave		0.4966				7.2		20.0			
Bromomethane	0.4457 0.3174	0.3469	0.3590	0.3454	0.3326	Ave		0.3578			0.1000	13.0		20.0			
Chloroethane	0.3564 0.2631	0.2684	0.2915	0.2792	0.2721	Ave		0.2885			0.1000	12.0		20.0			
Dichlorofluoromethane	1.0848 0.8078	0.8039	0.8871	0.8228	0.8209	Ave		0.8712				12.0		20.0			
Trichlorofluoromethane	1.0619 0.6943	0.6951	0.7361	0.6817	0.6963	Ave		0.7609			0.1000	20.0		20.0			
Pentane	0.0935 0.0643	0.0740	0.0744	0.0687	0.0642	Ave		0.0732				15.0		20.0			
Ethanol	0.1153 0.0615	0.0785	0.0808	0.0828	0.0660	QuaF		0.0712	0						0.9990		0.9900
Ethyl ether	0.3463 0.2105	0.2407	0.2500	0.2283	0.2110	Ave		0.2478				20.0		20.0			
2-Methyl-1,3-butadiene	0.4367 0.3401	0.3763	0.3956	0.3741	0.3467	Ave		0.3782				9.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3934 0.3025	0.3187	0.3590	0.3367	0.2975	Ave		0.3346				11.0		20.0			
Acrolein	0.6188 0.4827	0.5974	0.5154	0.5947	0.4873	Ave		0.5494				11.0		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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								
Freon TF	0.5116 0.4232	0.4532	0.4962	0.4674	0.4194	Ave		0.4618			0.1000	8.1		20.0			
1,1-Dichloroethene	0.4482 0.3452	0.3715	0.4046	0.3761	0.3371	Ave		0.3805			0.1000	11.0		20.0			
Acetone	10.088 3.7278	4.8403	3.8457	3.8089	4.1224	QuaF		4.3050	0		0.1000				1.0000		0.9900
Iodomethane	0.7835 0.6220	0.6286	0.7111	0.6675	0.6106	Ave		0.6706				9.9		20.0			
Isopropyl alcohol	1.5090 0.8703	1.1124	0.9836	0.9730	0.8913	QuaF		0.9171	0						1.0000		0.9900
Carbon disulfide	1.8675 1.4083	1.5338	1.7135	1.5895	1.4289	Ave		1.5902			0.1000	11.0		20.0			
Allyl chloride	0.2482 0.2195	0.2016	0.2323	0.2184	0.2109	Ave		0.2218				7.4		20.0			
Methyl acetate	0.2267 0.1854	0.1940	0.2136	0.1900	0.1847	Ave		0.1991			0.1000	8.6		20.0			
Cyclopentene	1.0298 1.1294	0.9730	1.1652	1.1234	1.1012	Ave		1.0870				6.6		20.0			
Acetonitrile	2.2203 1.4607	1.9694	1.8268	1.9513	1.4866	Ave		1.8192				16.0		20.0			
Methylene Chloride	0.4973 0.3614	0.3793	0.4105	0.3839	0.3547	Ave		0.3979			0.1000	13.0		20.0			
2-Methyl-2-propanol	2.7133 1.3547	1.5262	1.4409	1.3503	1.3014	QuaF		1.2806	0						1.0000		0.9900
MTBE	0.8645 0.8238	0.6966	0.8210	0.7898	0.7924	Ave		0.7980			0.1000	7.1		20.0			
trans-1,2-Dichloroethene	0.4400 0.3770	0.3577	0.4145	0.3926	0.3646	Ave		0.3911			0.1000	8.1		20.0			
Acrylonitrile	0.1054 0.0873	0.0807	0.0915	0.0852	0.0848	Ave		0.0892				9.8		20.0			
Hexane	0.4246 0.3703	0.3462	0.3942	0.3830	0.3610	Ave		0.3799				7.3		20.0			
Isopropyl ether	1.1792 1.0931	0.9452	1.0954	1.1078	1.0473	Ave		1.0780				7.2		20.0			
1,1-Dichloroethane	0.8083 0.6890	0.6832	0.7529	0.7175	0.6705	Ave		0.7202			0.2000	7.3		20.0			
Allyl alcohol	0.2683 0.2404	0.2040	0.1893	0.2528	0.2338	Ave		0.2314				13.0		20.0			
Vinyl acetate	0.4502 0.5853	0.4699	0.6017	0.5254	0.5747	Ave		0.5345				12.0		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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								
2-Chloro-1,3-butadiene	0.2829 0.3498	0.2714	0.3425	0.3360	0.3375	Ave		0.3200				11.0		20.0			
Tert-butyl ethyl ether	0.9644 0.9559	0.7710	0.9061	0.9284	0.9021	Ave		0.9047				7.8		20.0			
2,2-Dichloropropane	0.6495 0.6012	0.5678	0.6331	0.6118	0.5851	Ave		0.6081				5.0		20.0			
cis-1,2-Dichloroethene	0.4306 0.3911	0.3475	0.4003	0.3934	0.3750	Ave		0.3897			0.1000	7.1		20.0			
2-Butanone	1.3844 1.2531	1.1486	1.2145	1.3183	1.2684	Ave		1.2645			0.1000	6.5		20.0			
Ethyl acetate	0.5666 0.5112	0.4423	0.5044	0.4767	0.5068	Ave		0.5013				8.2		20.0			
Methyl acrylate	0.2154 0.2224	0.1842	0.2149	0.1992	0.2131	Ave		0.2082				6.7		20.0			
Propionitrile	1.9579 1.3993	1.5460	1.4942	1.6214	1.3649	Ave		1.5639				14.0		20.0			
Bromochloromethane	0.2130 0.1622	0.1607	0.1749	0.1686	0.1579	Ave		0.1729				12.0		20.0			
Tetrahydrofuran	5.3556 4.0208	4.0456	4.0839	4.4635	4.0333	Ave		4.3338				12.0		20.0			
Methacrylonitrile	0.0971 0.1007	0.0861	0.1018	0.0973	0.1000	Ave		0.0972				5.9		20.0			
Chloroform	0.7546 0.6183	0.6216	0.6970	0.6566	0.6065	Ave		0.6591			0.2000	8.7		20.0			
Cyclohexane	0.6584 0.7748	0.6218	0.7685	0.7657	0.7458	Ave		0.7225			0.1000	9.1		20.0			
1,1,1-Trichloroethane	0.6917 0.6112	0.5830	0.6621	0.6301	0.5963	Ave		0.6291			0.1000	6.6		20.0			
Carbon tetrachloride	0.5932 0.5486	0.5210	0.5886	0.5589	0.5260	Ave		0.5561			0.1000	5.5		20.0			
1,1-Dichloropropene	0.4792 0.5057	0.4289	0.5044	0.4916	0.4805	Ave		0.4817				5.9		20.0			
Isobutyl alcohol	0.5886 0.5555	0.4230	0.4477	0.5056	0.4856	Ave		0.5010				13.0		20.0			
Benzene	2.3492 1.9824	1.9554	2.1760	2.0516	1.9139	Ave		2.0714			0.5000	7.9		20.0			
Isopropyl acetate	0.7118 0.7649	0.6535	0.7899	0.7460	0.7497	Ave		0.7360				6.5		20.0			
Tert-amyl methyl ether	0.8259 0.8833	0.7112	0.8504	0.8416	0.8380	Ave		0.8251				7.2		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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								
1,2-Dichloroethane	0.4585 0.3807	0.3917	0.4252	0.3957	0.3732	Ave		0.4042			0.1000	7.9		20.0			
n-Heptane	0.2814 0.3477	0.3009	0.3648	0.3624	0.3447	Ave		0.3337				10.0		20.0			
2,4,4-Trimethyl-1-pentene	0.8697 1.3122	0.8329	1.1068	1.1651	1.2719	Ave		1.0931				18.0		20.0			
n-Butanol	0.3787 0.4084	0.3063	0.3409	0.4021	0.3827	Ave		0.3699				11.0		20.0			
Trichloroethene	0.4096 0.3901	0.3642	0.4160	0.3970	0.3775	Ave		0.3924			0.2000	5.0		20.0			
Ethyl acrylate	0.8087 0.9621	0.7562	0.9256	0.9267	0.9420	Ave		0.8869				9.4		20.0			
Methylcyclohexane	0.5990 0.7649	0.5766	0.7391	0.7544	0.7406	Ave		0.6958			0.1000	12.0		20.0			
1,2-Dichloropropane	0.4042 0.3561	0.3380	0.3728	0.3605	0.3458	Ave		0.3629			0.1000	6.5		20.0			
Methyl methacrylate	0.2084 0.2251	0.1680	0.2133	0.2120	0.2269	Ave		0.2089				10.0		20.0			
1,4-Dioxane	1.6724 1.2141	1.5806	1.4597	1.4592	1.5108	Ave		1.4828				10.0		20.0			
n-Propyl acetate	0.3553 0.3808	0.3036	0.3541	0.3512	0.3734	Ave		0.3531				7.6		20.0			
Dibromomethane	0.2542 0.1845	0.1838	0.2030	0.1883	0.1816	Ave		0.1992				14.0		20.0			
Bromodichloromethane	0.5313 0.4695	0.4393	0.5006	0.4777	0.4554	Ave		0.4790			0.2000	6.9		20.0			
2-Chloroethyl vinyl ether	0.1198 0.1636	0.1087	0.1282	0.1326	0.1543	Ave		0.1345				15.0		20.0			
2-Nitropropane	0.0806 0.0637	0.0577	0.0638	0.0586	0.0623	Ave		0.0645				13.0		20.0			
Epichlorohydrin	0.0372 0.0338	0.0300	0.0331	0.0317	0.0322	Ave		0.0330				7.3		20.0			
cis-1,3-Dichloropropene	0.7369 0.7344	0.6034	0.6894	0.6970	0.6955	Ave		0.6928			0.2000	7.0		20.0			
4-Methyl-2-pentanone	0.3280 0.3411	0.2906	0.3489	0.3399	0.3394	Ave		0.3313			0.1000	6.3		20.0			
Toluene	2.3141 2.0456	1.9420	2.1752	2.0919	1.9975	Ave		2.0944			0.4000	6.4		20.0			
trans-1,3-Dichloropropene	0.6032 0.5765	0.4777	0.5254	0.5220	0.5398	Ave		0.5408			0.1000	8.2		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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								
Ethyl methacrylate	0.3983 0.4672	0.3404	0.3847	0.4052	0.4402	Ave		0.4060				11.0		20.0			
1,1,2-Trichloroethane	0.3800 0.2918	0.2966	0.3139	0.2958	0.2838	Ave		0.3103			0.1000	11.0		20.0			
Tetrachloroethene	0.5909 0.5331	0.5334	0.5813	0.5479	0.5148	Ave		0.5502			0.2000	5.4		20.0			
1,3-Dichloropropane	0.6580 0.5709	0.5334	0.5836	0.5537	0.5487	Ave		0.5747				7.7		20.0			
2-Hexanone	0.2109 0.2410	0.1880	0.2233	0.2231	0.2412	Ave		0.2213			0.1000	9.1		20.0			
n-Butyl acetate	0.7852 0.4881	0.4641	0.4574	0.4285	0.4667	QuaF		0.4488	0.0001						1.0000		0.9900
Dibromochloromethane	0.5200 0.4320	0.4337	0.4434	0.4227	0.4113	Ave		0.4438			0.1000	8.8		20.0			
1,2-Dibromoethane	0.4478 0.3472	0.3288	0.3494	0.3306	0.3283	Ave		0.3553			0.1000	13.0		20.0			
Chlorobenzene	1.5352 1.3096	1.2142	1.3653	1.2908	1.2563	Ave		1.3286			0.5000	8.5		20.0			
Ethylbenzene	0.7303 0.7426	0.6384	0.7498	0.7412	0.7200	Ave		0.7204			0.1000	5.8		20.0			
1,1,1,2-Tetrachloroethane	0.5786 0.4851	0.4600	0.5070	0.4821	0.4630	Ave		0.4959				8.9		20.0			
m&p-Xylene	0.7553 0.9057	0.6990	0.8809	0.8852	0.8806	Ave		0.8344			0.1000	10.0		20.0			
n-Butyl acrylate	0.3830 0.2920	0.2107	0.2238	0.2277	0.2702	QuaF		0.2506	0.0001						1.0000		0.9900
o-Xylene	0.8003 0.8858	0.6882	0.9065	0.9088	0.8799	Ave		0.8449			0.3000	10.0		20.0			
Styrene	1.2923 1.4343	1.1174	1.4685	1.4335	1.4123	Ave		1.3597			0.3000	9.8		20.0			
Amyl acetate (mixed isomers)	0.9685 1.2115	0.8154	1.0130	1.0745	1.1926	Ave		1.0459				14.0		20.0			
Bromoform	0.3506 0.2804	0.2786	0.2897	0.2759	0.2664	Ave		0.2903			0.1000	11.0		20.0			
Isopropylbenzene	1.8943 2.2353	1.9268	2.4673	2.5101	2.4686	Ave		2.2504			0.1000	12.0		20.0			
Camphene	0.2035 0.2291	0.1847	0.2130	0.2151	0.2191	Ave		0.2108				7.2		20.0			
Bromobenzene	1.2220 1.0510	0.9510	1.0912	1.0604	1.0277	Ave		1.0672				8.4		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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	1.1013 0.8890	0.8544	0.9689	0.9159	0.8740	Ave		0.9339			0.3000	9.8		20.0			
N-Propylbenzene	4.9742 4.3640	4.7067	6.0843	6.1676	5.8619	Ave		5.3598				14.0		20.0			
1,2,3-Trichloropropane	0.2813 0.2102	0.2114	0.2292	0.2245	0.2152	Ave		0.2286				12.0		20.0			
trans-1,4-Dichloro-2-butene	0.3394 0.2438	0.1991	0.2578	0.2497	0.2421	Ave		0.2553				18.0		20.0			
2-Chlorotoluene	3.5476 3.5529	3.2046	4.0280	3.9907	3.7956	Ave		3.6866				8.5		20.0			
4-Ethyltoluene	3.7780 4.0203	3.7675	4.9751	5.0387	4.9491	Ave		4.4215				14.0		20.0			
1,3,5-Trimethylbenzene	3.0258 3.5634	2.9788	4.0011	4.1786	4.0254	Ave		3.6289				15.0		20.0			
4-Chlorotoluene	3.1553 3.1904	2.8202	3.4555	3.4141	3.1988	Ave		3.2057				7.1		20.0			
Butyl Methacrylate	0.7491 1.1648	0.6895	0.9306	1.0246	1.1235	QuaF		1.0808	0.0002						1.0000		0.9900
tert-Butylbenzene	2.3200 3.2748	2.3409	3.0814	3.3056	3.2724	Ave		2.9325				16.0		20.0			
1,2,4-Trimethylbenzene	3.0340 3.5537	3.0021	4.0575	4.2285	4.0445	Ave		3.6534				15.0		20.0			
sec-Butylbenzene	3.8901 4.1524	4.1167	5.4943	5.7563	5.5297	Ave		4.8232				18.0		20.0			
4-Isopropyltoluene	3.3308 3.7263	3.4072	4.5482	4.8036	4.6225	Ave		4.0731				16.0		20.0			
1,3-Dichlorobenzene	2.4900 1.9073	1.9721	2.2826	2.2066	2.0204	Ave		2.1465			0.6000	10.0		20.0			
1,4-Dichlorobenzene	2.6581 1.9829	1.9533	2.2112	2.1274	1.9964	Ave		2.1549			0.5000	12.0		20.0			
Benzyl chloride	1.4861 1.6617	1.2938	1.5149	1.5137	1.6148	Ave		1.5141				8.4		20.0			
Indan	3.3977 3.4041	3.0365	3.8119	3.9529	3.8948	Ave		3.5830				10.0		20.0			
p-Diethylbenzene	2.1459 2.7304	2.1429	2.8967	2.9042	2.8461	Ave		2.6110				14.0		20.0			
n-Butylbenzene	4.2947 4.3458	4.7474	5.9971	5.8742	5.4285	Ave		5.1146				15.0		20.0			
1,2-Dichlorobenzene	2.2935 1.9303	1.8798	2.0952	2.0532	1.9160	Ave		2.0280			0.4000	7.6		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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								
1,2,4,5-Tetramethylbenzene	2.9302 3.5608	2.6362	3.6724	4.0845	4.2497	Ave		3.5223				18.0		20.0			
1,2-Dibromo-3-Chloropropane	0.3136 0.1692	0.1806	0.1799	0.1706	0.1639	QuaF		0.1621	0		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	2.1216 1.8702	1.6646	1.9421	1.9035	1.8542	Ave		1.8927				7.8		20.0			
Camphor	0.0903 0.0918	0.0521	0.0623	0.0700	0.0844	QuaF		0.0776	0						1.0000		0.9900
1,2,4-Trichlorobenzene	1.9921 1.5969	1.4010	1.6432	1.6592	1.5662	Ave		1.6431			0.2000	12.0		20.0			
Hexachlorobutadiene	1.0483 1.0125	0.8496	0.9940	0.9834	0.9650	Ave		0.9755				7.0		20.0			
Naphthalene	3.6185 3.1533	2.3640	2.9396	3.0690	3.1011	Ave		3.0409				13.0		20.0			
1,2,3-Trichlorobenzene	2.0111 1.4918	1.2943	1.5149	1.5149	1.4610	Ave		1.5480				16.0		20.0			
Dibromofluoromethane (Surr)	0.3001 0.2908	0.3021	0.2893	0.2808	0.2777	Ave		0.2901				3.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2839 0.3408	0.2924	0.2795	0.2734	0.2903	Ave		0.2934				8.3		20.0			
Toluene-d8 (Surr)	1.4906 1.5419	1.5533	1.5108	1.4881	1.4672	Ave		1.5087				2.2		20.0			
Bromofluorobenzene	0.4233 0.4734	0.4489	0.4335	0.4233	0.4389	Ave		0.4402				4.3		20.0			

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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-230933/13	K28252.D
Level 2	STD5 460-230933/4	K28243.D
Level 3	STD20 460-230933/5	K28244.D
Level 4	STD50 460-230933/6	K28245.D
Level 5	STD200 460-230933/7	K28246.D
Level 6	STD500 460-230933/8	K28247.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
Chlorotrifluoroethene	FB	Ave	2106 1004431	8185	36403	91618	386936	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	9754 6182062	44550	204723	514293	2453044	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9342 5257050	41883	178887	453765	2097909	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	9091 5124155	40389	180601	458577	2070718	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	6684 4154272	30919	138515	357585	1660135	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	5582 2560105	24463	99303	262605	1058831	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4464 2122565	18931	80633	212295	866334	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	13586 6515724	56695	245396	625638	2613739	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13300 5600356	49026	203631	518313	2216987	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2342 1037531	10437	41187	104407	408789	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	1632 600555	6057	26953	65867	248749	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	4337 1698242	16975	69171	173573	671755	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	5469 2743266	26538	109435	284431	1103984	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4927 2440058	22476	99302	255989	947047	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	17523 113099	36867	51566	75688	91874	100 600	200	300	400	500
Freon TF	FB	Ave	6407 3413543	31966	137265	355411	1335168	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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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
1,1-Dichloroethene	FB	Ave	5614 2784816	26204	111941	285940	1073345	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	14283 3639402	37341	128257	302995	1554415	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	9813 5016990	44336	196724	507565	1944001	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	4273 1699397	17164	65605	154800	672122	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	23389 11360163	108173	474027	1208609	4549313	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	Ave	3109 1770588	14217	64260	166094	671361	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	14196 7477906	68404	295471	722485	2940632	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	12898 9110635	68621	322344	854215	3506065	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBA	Ave	6287 2852059	30387	121853	310451	1121086	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	6228 2915501	26754	113554	291930	1129158	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	7683 2645248	23548	96112	214829	981433	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	10827 6645038	49129	227112	600515	2522731	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5511 3041028	25225	114678	298492	1160757	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	13204 7042839	56947	252985	647828	2700248	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5318 2986870	24419	109061	291239	1149500	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	14769 8817565	66660	303035	842299	3334318	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10123 5557437	48187	208280	545534	2134794	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	Ave	1899 1173400	7870	31564	100551	440827	25.0 12500	125	500	1250	5000
Vinyl acetate	FB	Ave	11278 9442252	66278	332930	798957	3659819	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	3543 2821499	19141	94742	255493	1074613	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	12079 7710780	54375	250667	705889	2872270	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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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
2,2-Dichloropropane	FB	Ave	8135 4849834	40043	175149	465152	1862949	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5393 3154921	24512	110749	299164	1194092	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	1960 1223436	8861	40504	104866	478277	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	14194 8246780	62388	279069	725001	3227322	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2698 1794113	12992	59460	151501	678555	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	5544 2732345	23853	99664	257965	1029275	10.0 5000	50.0	200	500	2000
Bromochloromethane	FB	Ave	2668 1308352	11336	48390	128182	502699	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	TBA	Ave	3033 1570189	12484	54480	142026	608330	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	12164 8119545	60717	281725	739667	3183151	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	9451 4987118	43841	192808	499252	1930903	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8246 6249851	43855	212606	582243	2374663	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8663 4930411	41115	183158	479094	1898647	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7430 4425232	36744	162830	425004	1674700	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6002 4078833	30253	139537	373808	1529858	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	4167 2711900	16318	74648	201100	915471	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	20136 11863385	96671	443127	1158646	4584392	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	8915 6170456	46092	218523	567225	2386789	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10344 7124762	50159	235261	639952	2667988	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5743 3071253	27627	117615	300888	1188325	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	3525 2804942	21220	100925	275567	1097318	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	21786 21169765	117482	612377	1771833	8099233	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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-Butanol	TBA	Ave	2681 1993791	11814	56850	159933	721596	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	5130 3147016	25687	115081	301853	1201843	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	10128 7760861	53335	256067	704624	2999323	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7502 6170297	40667	204450	573603	2357920	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5062 2872123	23842	103136	274092	1100939	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	5221 3631354	23695	117989	322462	1444709	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	811 584049	4391	17991	51019	210784	20.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Ave	4450 3071765	21415	97971	267068	1188762	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3184 1488021	12964	56150	143157	578257	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	6654 3787330	30985	138490	363224	1449883	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1501 1319798	7665	35456	100833	491160	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2020 1027236	8143	35280	89175	396597	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	CBZ	Ave	6373 4042387	29685	134760	358047	1544734	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	6316 4394867	29833	140384	393632	1665882	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	14059 10204948	71840	355259	959724	4065093	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	19835 12241675	96010	442964	1181367	4784736	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5170 3450198	23615	107000	294814	1293012	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	3414 2796074	16827	78351	228857	1054328	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3257 1746212	14665	63916	167046	679893	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	5065 3190320	26369	118369	309416	1233208	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5640 3416672	26368	118850	312689	1314299	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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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
2-Hexanone	CBZ	Ave	9039 7212005	46461	227369	630107	2889004	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBZ	QuaF	6730 2921000	22945	93149	241980	1117943	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	4457 2585339	21441	90301	238708	985132	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3838 2077520	16254	71146	186703	786442	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	13159 7836882	60028	278040	728991	3009340	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6260 4443878	31559	152699	418575	1724727	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4959 2903044	22740	103244	272266	1108967	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6474 5420095	34556	179398	499888	2109313	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	QuaF	3283 1747169	10417	45570	128578	647277	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6860 5300686	34025	184596	513230	2107720	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11077 8583586	55240	299042	809566	3382835	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	4383 3805198	21903	108382	307915	1465176	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3005 1678177	13773	59000	155823	638099	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16237 13376598	95255	502439	1417588	5913199	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1744 1371284	9133	43373	121492	524927	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	5530 3301309	25545	116746	303880	1262563	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4984 2792399	22952	103660	262464	1073822	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22510 13707219	126431	650974	1767404	7201670	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1273 660278	5679	24523	64322	264430	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1536 765706	5349	27578	71564	297477	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	16054 11159644	86081	430969	1143584	4663135	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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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
4-Ethyltoluene	DCB	Ave	17097 12627924	101203	532300	1443887	6080343	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13693 11192700	80017	428090	1197435	4945425	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14279 10021205	75755	369716	978361	3929927	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	QuaF	3390 3658505	18521	99571	293613	1380289	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10499 10286196	62881	329687	947257	4020345	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13730 11162084	80641	434118	1211740	4968957	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	17604 13042821	110581	587852	1649531	6793538	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	15073 11704453	91524	486621	1376517	5679040	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11268 5990750	52975	244227	632336	2482158	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	12029 6228342	52468	236585	609642	2452688	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6725 5219274	34753	162080	433774	1983869	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	15376 10692163	81567	407849	1132757	4785039	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	9711 8576287	57562	309924	832224	3496613	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	19435 13650196	127524	641649	1683321	6669208	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	10379 6063069	50495	224173	588356	2353911	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	13260 11184408	70813	392917	1170468	5220970	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	QuaF	1419 531406	4851	19245	48899	201323	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9601 5874259	44713	207795	545464	2278040	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	2043 1441513	7003	33313	100280	518679	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	9015 5016034	37634	175814	475461	1924208	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4744 3180235	22823	106355	281792	1185599	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.: 460-78044-1 Analy Batch No.: 230933

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/16/2014 13:13 Calibration End Date: 06/16/2014 16:51 Calibration ID: 40141

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
Naphthalene	DCB	Ave	16375 9904424	63500	314513	879465	3809917	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	9101 4685645	34767	162081	434100	1794927	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	187916 234577	213040	200104	213534	221003	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	177793 274937	206201	193330	207852	231083	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	638843 922756	767941	769143	840420	878633	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	181402 283322	221917	220682	239062	262817	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28243.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Jun-2014 13:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0014635-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 17:54:12 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 17-Jun-2014 17:54:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.573	1.573	0.000	88	8185	5.00	4.45	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	70	44550	5.00	4.34	
2 Chloromethane	50	1.776	1.771	0.005	88	41883	5.00	4.58	
4 Vinyl chloride	62	1.883	1.878	0.005	82	40389	5.00	4.47	
149 Butadiene	54	1.878	1.878	0.000	90	30919	5.00	4.41	
6 Bromomethane	94	2.177	2.178	-0.001	95	24463	5.00	4.85	
7 Chloroethane	64	2.247	2.247	0.000	96	18931	5.00	4.65	
9 Dichlorofluoromethane	67	2.434	2.434	0.000	87	56695	5.00	4.61	
8 Trichlorofluoromethane	101	2.445	2.445	0.000	68	49026	5.00	4.57	
10 Pentane	72	2.477	2.472	0.005	97	10437	10.0	10.1	
11 Ethanol	46	2.670	2.664	0.006	51	6057	250.0	275.8	M
13 Ethyl ether	59	2.675	2.675	0.000	92	16975	5.00	4.86	
14 2-Methyl-1,3-butadiene	53	2.696	2.697	-0.001	94	26538	5.00	4.97	
15 1,2-Dichloro-1,1,2-trifluo	117	2.728	2.723	0.005	88	22476	5.00	4.76	
17 Acrolein	56	2.857	2.857	0.000	96	36867	200.0	217.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.868	2.862	0.006	85	31966	5.00	4.91	
18 1,1-Dichloroethene	96	2.889	2.889	0.000	90	26204	5.00	4.77	
19 Acetone	43	2.985	2.980	0.005	76	37341	25.0	24.0	
20 Iodomethane	142	3.049	3.044	0.005	99	44336	5.00	4.69	
21 Carbon disulfide	76	3.082	3.082	0.000	100	108173	5.00	4.82	
147 3-Chloro-1-propene	76	3.215	3.215	0.000	69	14217	5.00	4.54	
23 Methyl acetate	43	3.226	3.226	0.000	98	68404	25.0	24.4	
22 Cyclopentene	67	3.237	3.237	0.000	80	68621	5.00	4.48	
25 Methylene Chloride	84	3.344	3.344	0.000	50	26754	5.00	4.77	
* 151 TBA-d9 (IS)	65	3.354	3.349	0.005	38	308585	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.413	3.419	-0.006	1	23548	50.0	47.3	
27 Methyl tert-butyl ether	73	3.515	3.515	0.000	96	49129	5.00	4.36	
34 Isopropyl alcohol	45	3.065	3.520	-0.455	11	17164	50.0	231.6	
29 trans-1,2-Dichloroethene	96	3.536	3.536	0.000	80	25225	5.00	4.57	
30 Acrylonitrile	53	3.616	3.611	0.005	93	56947	50.0	45.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Allyl alcohol	57	3.970	3.697	0.273	81	7870	125.0	8.58	M
24 Acetonitrile	41	3.290	3.697	-0.407	90	30387	50.0	50.3	
32 Hexane	43	3.697	3.697	0.000	92	24419	5.00	4.56	
35 Isopropyl ether	45	3.916	3.916	0.000	92	66660	5.00	4.38	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	93	48187	5.00	4.74	
37 Vinyl acetate	43	3.959	3.959	0.000	99	66278	10.0	8.00	
33 2-Chloro-1,3-butadiene	88	3.996	3.991	0.005	89	19141	5.00	4.24	
40 Tert-butyl ethyl ether	59	4.242	4.243	-0.001	88	54375	5.00	4.26	
41 2,2-Dichloropropane	77	4.462	4.457	0.005	85	40043	5.00	4.67	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	87	24512	5.00	4.46	
43 2-Butanone (MEK)	72	4.494	4.494	0.000	96	8861	25.0	22.7	
44 Ethyl acetate	43	4.494	4.494	0.000	92	62388	10.0	8.82	
39 Methyl acrylate	55	4.553	4.553	0.000	89	12992	5.00	4.42	
48 Propionitrile	54	4.633	4.628	0.005	58	23853	50.0	49.4	
46 Chlorobromomethane	128	4.713	4.708	0.005	61	11336	5.00	4.65	
45 Tetrahydrofuran	42	4.713	4.719	-0.006	37	12484	10.0	9.33	
31 Methacrylonitrile	67	4.735	4.735	0.000	93	60717	50.0	44.3	
47 Chloroform	83	4.756	4.756	0.000	92	43841	5.00	4.72	
49 Cyclohexane	56	4.900	4.906	-0.006	33	43855	5.00	4.30	
$ 152 Dibromofluoromethane (Surr	113	4.916	4.911	0.005	96	213040	50.0	52.1	
50 1,1,1-Trichloroethane	97	4.916	4.917	-0.001	34	41115	5.00	4.63	
51 Carbon tetrachloride	117	5.034	5.040	-0.006	89	36744	5.00	4.68	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	93	30253	5.00	4.45	
56 Isobutyl alcohol	43	5.179	5.179	0.000	42	16318	125.0	105.5	
53 Benzene	78	5.264	5.264	0.000	65	96671	5.00	4.72	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.275	0.000	89	206201	50.0	49.8	
57 Isopropyl acetate	43	5.323	5.318	0.005	90	46092	5.00	4.44	
142 Tert-amyl methyl ether	73	5.334	5.334	0.000	64	50159	5.00	4.31	
55 1,2-Dichloroethane	62	5.350	5.355	-0.005	84	27627	5.00	4.85	
58 n-Heptane	57	5.419	5.425	-0.006	85	21220	5.00	4.51	
* 59 Fluorobenzene	96	5.558	5.559	-0.001	99	705281	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.783	5.778	0.005	92	117482	10.0	7.62	
62 n-Butanol	56	5.842	5.842	0.000	85	11814	125.0	103.5	
61 Trichloroethene	95	5.912	5.912	0.000	91	25687	5.00	4.64	
64 Ethyl acrylate	55	6.040	6.040	0.000	93	53335	5.00	4.26	
63 Methylcyclohexane	83	6.051	6.051	0.000	91	40667	5.00	4.14	
65 1,2-Dichloropropane	63	6.206	6.206	0.000	44	23842	5.00	4.66	
* 150 1,4-Dioxane-d8	96	6.270	6.259	0.011	71	27781	1000.0	1000.0	
66 Methyl methacrylate	41	6.275	6.275	0.000	83	23695	10.0	8.04	
67 1,4-Dioxane	88	6.323	6.324	-0.001	28	4391	100.0	106.6	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	21415	5.00	4.30	
68 Dibromomethane	93	6.334	6.334	0.000	71	12964	5.00	4.61	
70 Dichlorobromomethane	83	6.484	6.484	0.000	95	30985	5.00	4.59	
72 2-Chloroethyl vinyl ether	63	6.821	6.821	0.000	72	7665	5.00	4.04	
71 2-Nitropropane	41	6.826	6.827	0.000	85	8143	10.0	8.96	
73 Epichlorohydrin	57	6.933	6.934	-0.001	77	29685	100.0	91.0	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	85	29833	5.00	4.36	
75 4-Methyl-2-pentanone (MIBK	43	7.163	7.164	-0.001	93	71840	25.0	21.9	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	767941	50.0	51.5	
77 Toluene	91	7.324	7.324	0.000	93	96010	5.00	4.64	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	95	23615	5.00	4.42	
82 Ethyl methacrylate	69	7.698	7.699	0.000	87	16827	5.00	4.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.880	7.886	-0.006	79	14665	5.00	4.78	
80 Tetrachloroethene	166	7.939	7.939	0.000	91	26369	5.00	4.85	
81 1,3-Dichloropropane	76	8.100	8.100	0.000	80	26368	5.00	4.64	
83 2-Hexanone	43	8.164	8.164	0.000	96	46461	25.0	21.2	
85 n-Butyl acetate	43	8.276	8.276	0.000	96	22945	5.00	4.48	
84 Chlorodibromomethane	129	8.330	8.330	0.000	95	21441	5.00	4.89	
86 Ethylene Dibromide	107	8.490	8.496	-0.006	88	16254	5.00	4.63	
* 87 Chlorobenzene-d5	117	9.046	9.047	-0.001	84	494380	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	86	60028	5.00	4.57	
89 Ethylbenzene	106	9.186	9.180	0.006	99	31559	5.00	4.43	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	49	22740	5.00	4.64	
91 m-Xylene & p-Xylene	106	9.319	9.319	0.000	97	34556	5.00	4.19	
93 n-Butyl acrylate	73	9.710	9.715	-0.005	87	10417	5.00	6.06	
92 o-Xylene	106	9.737	9.737	0.000	93	34025	5.00	4.07	
94 Styrene	104	9.763	9.764	-0.001	94	55240	5.00	4.11	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	90	21903	5.00	3.90	
97 Bromoform	173	9.951	9.951	0.000	93	13773	5.00	4.80	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	95255	5.00	4.28	
$ 99 4-Bromofluorobenzene	174	10.234	10.229	0.005	94	221917	50.0	51.0	
95 Camphene	41	10.250	10.250	0.000	94	9133	5.00	4.38	
100 Bromobenzene	156	10.346	10.347	-0.001	93	25545	5.00	4.46	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	73	22952	5.00	4.57	
102 N-Propylbenzene	91	10.400	10.400	0.000	98	126431	5.00	4.39	
103 1,2,3-Trichloropropane	110	10.411	10.416	-0.005	58	5679	5.00	4.62	
104 trans-1,4-Dichloro-2-buten	53	10.421	10.427	-0.006	74	5349	5.00	3.90	
105 2-Chlorotoluene	91	10.491	10.491	0.000	94	86081	5.00	4.35	
143 4-Ethyltoluene	105	10.491	10.491	0.000	88	101203	5.00	4.26	
106 1,3,5-Trimethylbenzene	105	10.544	10.545	-0.001	80	80017	5.00	4.10	
107 4-Chlorotoluene	91	10.576	10.577	-0.001	89	75755	5.00	4.40	
108 Butyl Methacrylate	87	10.614	10.614	0.000	94	18521	5.00	5.28	
109 tert-Butylbenzene	119	10.774	10.775	-0.001	81	62881	5.00	3.99	
110 1,2,4-Trimethylbenzene	105	10.817	10.817	0.000	96	80641	5.00	4.11	
113 sec-Butylbenzene	105	10.930	10.930	0.000	99	110581	5.00	4.27	
114 4-Isopropyltoluene	119	11.026	11.031	-0.005	84	91524	5.00	4.18	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	62	52975	5.00	4.59	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.085	-0.006	96	268618	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.095	11.096	-0.001	82	52468	5.00	4.53	
118 Benzyl chloride	91	11.192	11.197	-0.005	97	34753	5.00	4.27	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	56	81567	5.00	4.24	
133 p-Diethylbenzene	119	11.277	11.277	0.000	91	57562	5.00	4.10	
120 n-Butylbenzene	91	11.293	11.294	-0.001	96	127524	5.00	4.64	
121 1,2-Dichlorobenzene	146	11.341	11.347	-0.006	95	50495	5.00	4.63	
132 1,2,4,5-Tetramethylbenzene	119	11.759	11.764	-0.005	96	70813	5.00	3.74	
122 1,2-Dibromo-3-Chloropropan	75	11.834	11.839	-0.005	84	4851	5.00	4.58	
145 1,3,5-Trichlorobenzene	180	11.925	11.925	0.000	94	44713	5.00	4.40	
123 Camphor	95	12.278	12.278	0.000	86	7003	25.0	30.9	
124 1,2,4-Trichlorobenzene	180	12.331	12.337	-0.006	91	37634	5.00	4.26	
126 Hexachlorobutadiene	225	12.401	12.406	-0.005	91	22823	5.00	4.36	
127 Naphthalene	128	12.513	12.519	-0.006	100	63500	5.00	3.89	
128 1,2,3-Trichlorobenzene	180	12.679	12.684	-0.005	94	34767	5.00	4.18	
S 130 1,2-Dichloroethene, Total	100				0			9.03	
S 131 Xylenes, Total	100				0		10.0	8.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			22.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00058	Amount Added:	0.50	Units: uL	
8260MIX1COMB_00004	Amount Added:	0.50	Units: uL	
ACROLEIN W_00019	Amount Added:	2.00	Units: uL	
8260 INTSTD C_00040	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00040	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Jun-2014 17:54:13 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28243.D

Injection Date: 16-Jun-2014 13:13:30 Instrument ID: CVOAMS9 Operator ID:

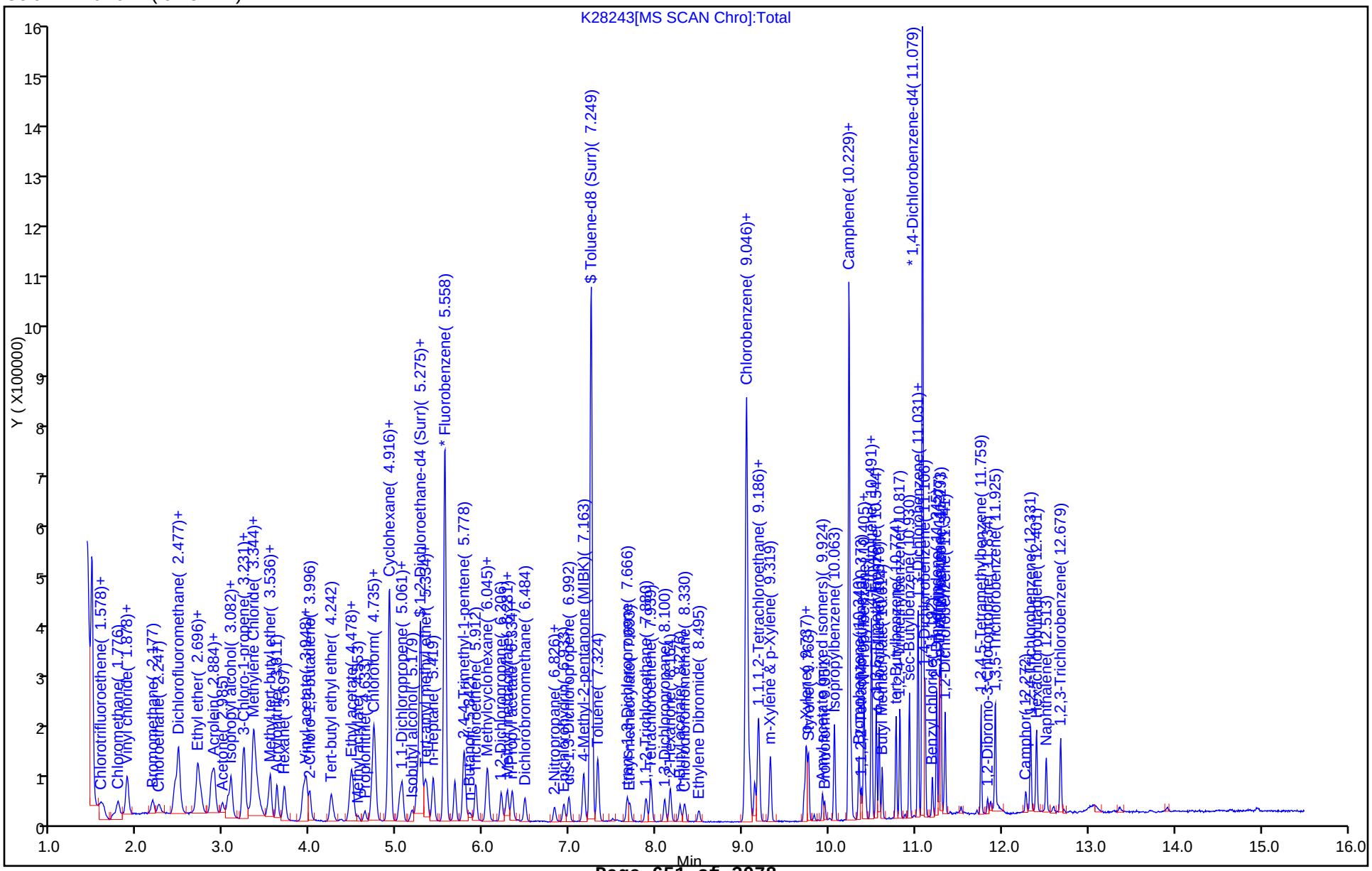
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

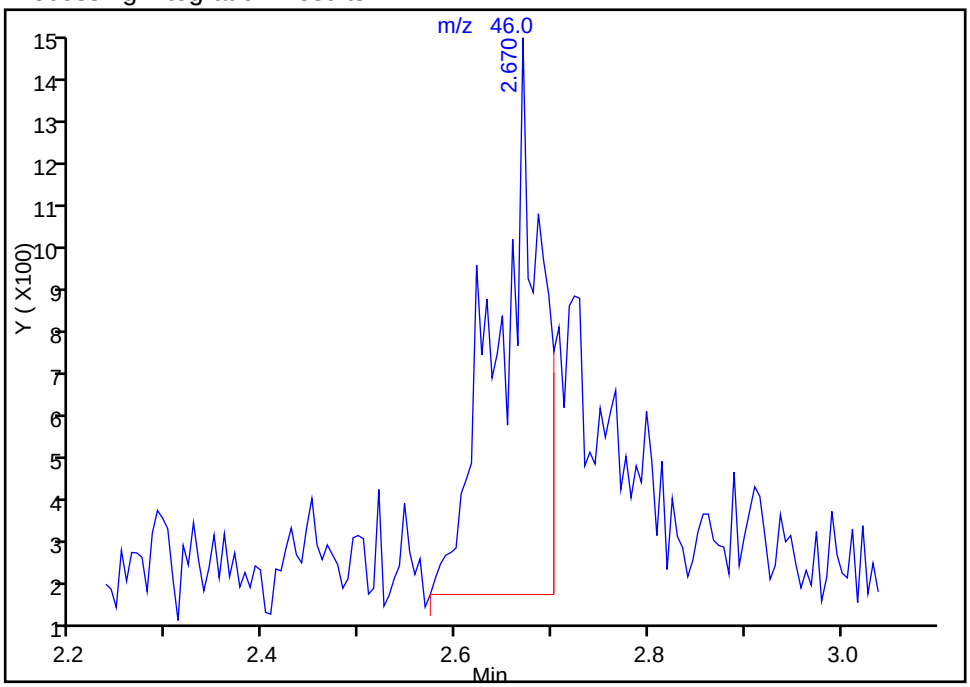
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28243.D
Injection Date: 16-Jun-2014 13:13:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethanol, CAS: 64-17-5

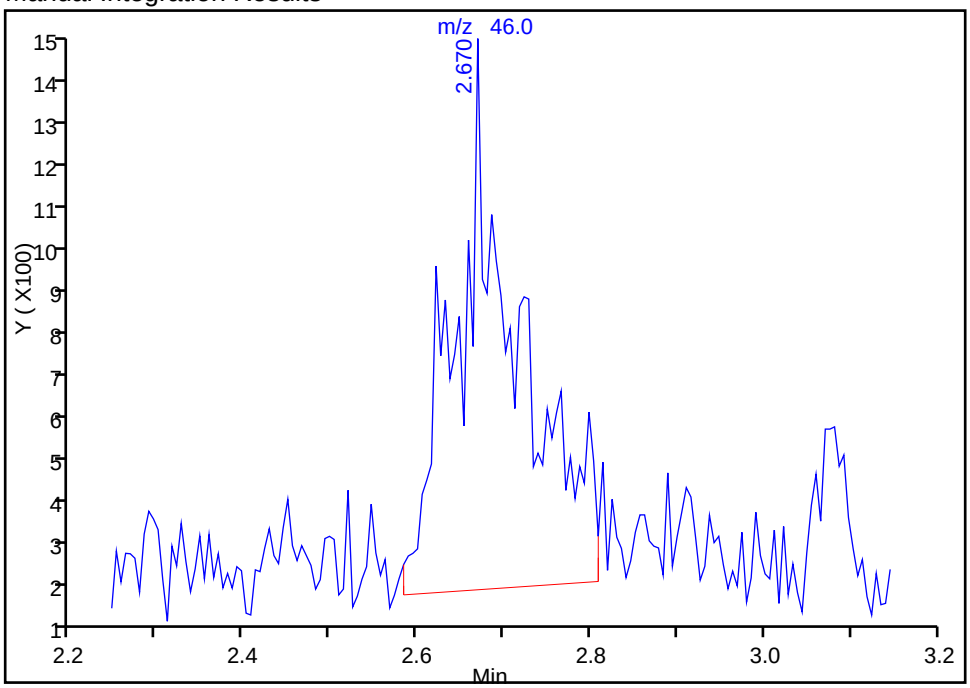
Processing Integration Results

RT: 2.67
Response: 3828
Amount: 63.726416



Manual Integration Results

RT: 2.67
Response: 6057
Amount: 275.7835



Reviewer: tupayachia, 16-Jun-2014 17:28:55
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

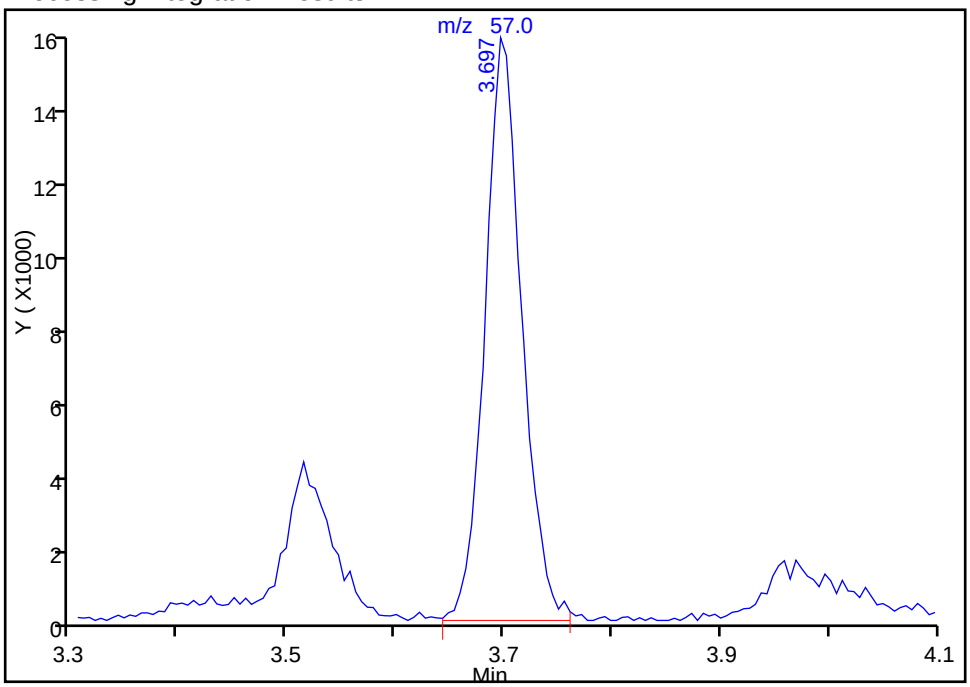
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28243.D
Injection Date: 16-Jun-2014 13:13:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Allyl alcohol, CAS: 107-18-6

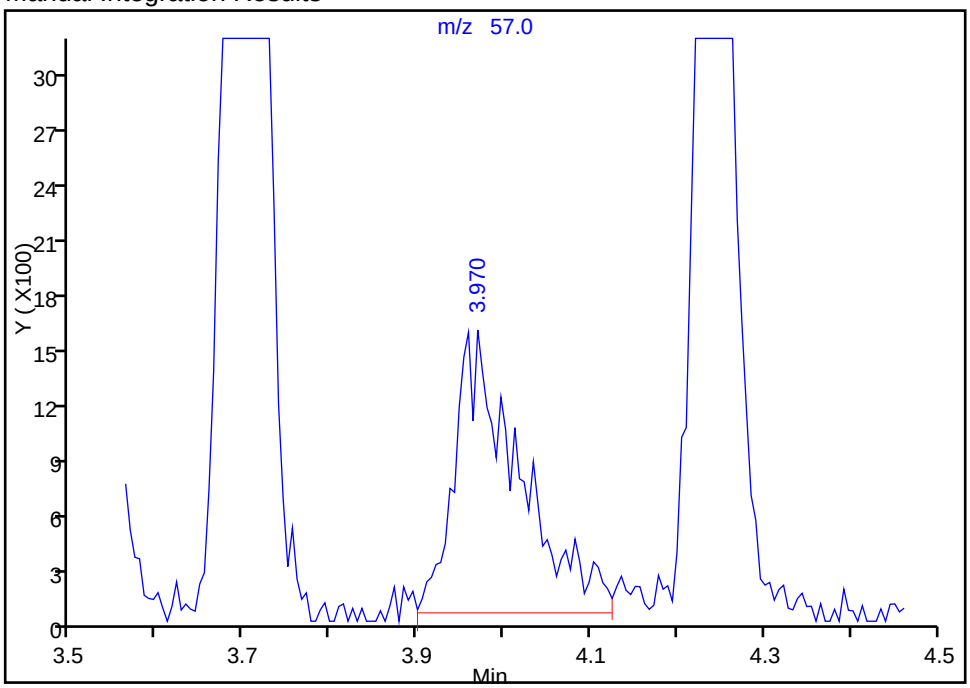
Processing Integration Results

RT: 3.70
Response: 35803
Amount: 117.2949



Manual Integration Results

RT: 3.97
Response: 7870
Amount: 8.582553



Reviewer: baronm, 17-Jun-2014 17:54:12
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Report Date: 17-Jun-2014 18:09:03 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28244.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 16-Jun-2014 13:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0014635-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 18:09:02 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 17-Jun-2014 09:37:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.573	1.573	0.000	78	36403	20.0	20.2	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	99	204723	20.0	20.4	
2 Chloromethane	50	1.771	1.771	0.000	99	178887	20.0	19.9	
4 Vinyl chloride	62	1.878	1.878	0.000	98	180601	20.0	20.4	
149 Butadiene	54	1.878	1.878	0.000	97	138515	20.0	20.2	
6 Bromomethane	94	2.178	2.178	0.000	99	99303	20.0	20.1	
7 Chloroethane	64	2.247	2.247	0.000	99	80633	20.0	20.2	
9 Dichlorofluoromethane	67	2.434	2.434	0.000	98	245396	20.0	20.4	
8 Trichlorofluoromethane	101	2.445	2.445	0.000	99	203631	20.0	19.3	
10 Pentane	72	2.472	2.472	0.000	95	41187	40.0	40.7	
11 Ethanol	46	2.664	2.664	0.000	86	26953	1000.0	1135.5	
13 Ethyl ether	59	2.675	2.675	0.000	93	69171	20.0	20.2	
14 2-Methyl-1,3-butadiene	53	2.697	2.697	0.000	98	109435	20.0	20.9	
15 1,2-Dichloro-1,1,2-trifluo	117	2.723	2.723	0.000	95	99302	20.0	21.5	
17 Acrolein	56	2.857	2.857	0.000	94	51566	300.0	281.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.862	2.862	0.000	96	137265	20.0	21.5	
18 1,1-Dichloroethene	96	2.889	2.889	0.000	96	111941	20.0	20.8	
19 Acetone	43	2.980	2.980	0.000	86	128257	100.0	94.7	
20 Iodomethane	142	3.044	3.044	0.000	98	196724	20.0	21.2	
34 Isopropyl alcohol	45	3.076	3.076	0.000	1	65605	200.0	205.0	
21 Carbon disulfide	76	3.082	3.082	0.000	99	474027	20.0	21.6	
147 3-Chloro-1-propene	76	3.215	3.215	0.000	96	64260	20.0	20.9	
23 Methyl acetate	43	3.226	3.226	0.000	100	295471	100.0	107.3	
22 Cyclopentene	67	3.237	3.237	0.000	94	322344	20.0	21.4	
24 Acetonitrile	41	3.285	3.285	0.000	92	121853	200.0	196.2	
25 Methylene Chloride	84	3.344	3.344	0.000	95	113554	20.0	20.6	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	50	333508	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.419	3.419	0.000	97	96112	200.0	207.8	
27 Methyl tert-butyl ether	73	3.515	3.515	0.000	97	227112	20.0	20.6	
29 trans-1,2-Dichloroethene	96	3.536	3.536	0.000	97	114678	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.611	3.611	0.000	94	252985	200.0	205.1	
32 Hexane	43	3.697	3.697	0.000	92	109061	20.0	20.8	
35 Isopropyl ether	45	3.916	3.916	0.000	95	303035	20.0	20.3	
38 Allyl alcohol	57	3.948	3.948	0.000	34	31564	500.0	408.9	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	99	208280	20.0	20.9	
37 Vinyl acetate	43	3.959	3.959	0.000	100	332930	40.0	45.0	M
33 2-Chloro-1,3-butadiene	88	3.991	3.991	0.000	92	94742	20.0	21.4	
40 Tert-butyl ethyl ether	59	4.243	4.243	0.000	88	250667	20.0	20.0	
41 2,2-Dichloropropane	77	4.457	4.457	0.000	97	175149	20.0	20.8	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	95	110749	20.0	20.5	
43 2-Butanone (MEK)	72	4.494	4.494	0.000	96	40504	100.0	96.0	
44 Ethyl acetate	43	4.494	4.494	0.000	93	279069	40.0	40.2	
39 Methyl acrylate	55	4.553	4.553	0.000	99	59460	20.0	20.6	
48 Propionitrile	54	4.628	4.628	0.000	98	99664	200.0	191.1	
46 Chlorobromomethane	128	4.708	4.708	0.000	91	48390	20.0	20.2	
45 Tetrahydrofuran	42	4.719	4.719	0.000	53	54480	40.0	37.7	
31 Methacrylonitrile	67	4.735	4.735	0.000	94	281725	200.0	209.6	
47 Chloroform	83	4.756	4.756	0.000	98	192808	20.0	21.1	
49 Cyclohexane	56	4.906	4.906	0.000	93	212606	20.0	21.3	
$ 152 Dibromofluoromethane (Surr	113	4.911	4.911	0.000	96	200104	50.0	49.9	
50 1,1,1-Trichloroethane	97	4.917	4.917	0.000	84	183158	20.0	21.0	
51 Carbon tetrachloride	117	5.040	5.040	0.000	98	162830	20.0	21.2	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	97	139537	20.0	20.9	
56 Isobutyl alcohol	43	5.179	5.179	0.000	97	74648	500.0	446.8	
53 Benzene	78	5.264	5.264	0.000	96	443127	20.0	21.0	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.275	0.000	97	193330	50.0	47.6	
57 Isopropyl acetate	43	5.318	5.318	0.000	92	218523	20.0	21.5	
142 Tert-amyl methyl ether	73	5.334	5.334	0.000	97	235261	20.0	20.6	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	97	117615	20.0	21.0	
58 n-Heptane	57	5.425	5.425	0.000	93	100925	20.0	21.9	
* 59 Fluorobenzene	96	5.559	5.559	0.000	99	691593	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.778	5.778	0.000	93	612377	40.0	40.5	
62 n-Butanol	56	5.842	5.842	0.000	94	56850	500.0	460.9	
61 Trichloroethene	95	5.912	5.912	0.000	99	115081	20.0	21.2	
64 Ethyl acrylate	55	6.040	6.040	0.000	97	256067	20.0	20.9	
63 Methylcyclohexane	83	6.051	6.051	0.000	92	204450	20.0	21.2	
65 1,2-Dichloropropane	63	6.206	6.206	0.000	89	103136	20.0	20.5	
* 150 1,4-Dioxane-d8	96	6.259	6.259	0.000	53	30812	1000.0	1000.0	
66 Methyl methacrylate	41	6.275	6.275	0.000	93	117989	40.0	40.8	
67 1,4-Dioxane	88	6.324	6.324	0.000	28	17991	400.0	393.8	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	97971	20.0	20.1	
68 Dibromomethane	93	6.334	6.334	0.000	69	56150	20.0	20.4	
70 Dichlorobromomethane	83	6.484	6.484	0.000	99	138490	20.0	20.9	
72 2-Chloroethyl vinyl ether	63	6.821	6.821	0.000	71	35456	20.0	19.1	
71 2-Nitropropane	41	6.827	6.827	0.000	83	35280	40.0	39.6	
73 Epichlorohydrin	57	6.934	6.934	0.000	99	134760	400.0	401.1	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	93	140384	20.0	19.9	
75 4-Methyl-2-pentanone (MIBK	43	7.164	7.164	0.000	98	355259	100.0	105.3	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	769143	50.0	50.1	
77 Toluene	91	7.324	7.324	0.000	93	442964	20.0	20.8	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	96	107000	20.0	19.4	
82 Ethyl methacrylate	69	7.699	7.699	0.000	90	78351	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.886	7.886	0.000	95	63916	20.0	20.2	
80 Tetrachloroethene	166	7.939	7.939	0.000	97	118369	20.0	21.1	
81 1,3-Dichloropropane	76	8.100	8.100	0.000	94	118850	20.0	20.3	
83 2-Hexanone	43	8.164	8.164	0.000	99	227369	100.0	100.9	
85 n-Butyl acetate	43	8.276	8.276	0.000	98	93149	20.0	19.8	
84 Chlorodibromomethane	129	8.330	8.330	0.000	98	90301	20.0	20.0	
86 Ethylene Dibromide	107	8.496	8.496	0.000	98	71146	20.0	19.7	
* 87 Chlorobenzene-d5	117	9.047	9.047	0.000	87	509104	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	94	278040	20.0	20.6	
89 Ethylbenzene	106	9.180	9.180	0.000	99	152699	20.0	20.8	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	96	103244	20.0	20.4	
91 m-Xylene & p-Xylene	106	9.319	9.319	0.000	97	179398	20.0	21.1	
93 n-Butyl acrylate	73	9.715	9.715	0.000	96	45570	20.0	19.3	
92 o-Xylene	106	9.737	9.737	0.000	93	184596	20.0	21.5	
94 Styrene	104	9.764	9.764	0.000	95	299042	20.0	21.6	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	89	108382	20.0	19.4	
97 Bromoform	173	9.951	9.951	0.000	95	59000	20.0	20.0	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	502439	20.0	21.9	
$ 99 4-Bromofluorobenzene	174	10.229	10.229	0.000	91	220682	50.0	49.2	
95 Camphene	41	10.250	10.250	0.000	97	43373	20.0	20.2	
100 Bromobenzene	156	10.347	10.347	0.000	97	116746	20.0	20.4	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	99	103660	20.0	20.7	
102 N-Propylbenzene	91	10.400	10.400	0.000	99	650974	20.0	22.7	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	98	24523	20.0	20.0	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	88	27578	20.0	20.2	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	430969	20.0	21.9	
143 4-Ethyltoluene	105	10.491	10.491	0.000	98	532300	20.0	22.5	
106 1,3,5-Trimethylbenzene	105	10.545	10.545	0.000	92	428090	20.0	22.1	
107 4-Chlorotoluene	91	10.577	10.577	0.000	98	369716	20.0	21.6	
108 Butyl Methacrylate	87	10.614	10.614	0.000	94	99571	20.0	19.0	
109 tert-Butylbenzene	119	10.775	10.775	0.000	93	329687	20.0	21.0	
110 1,2,4-Trimethylbenzene	105	10.817	10.817	0.000	98	434118	20.0	22.2	
113 sec-Butylbenzene	105	10.930	10.930	0.000	99	587852	20.0	22.8	
114 4-Isopropyltoluene	119	11.031	11.031	0.000	97	486621	20.0	22.3	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	97	244227	20.0	21.3	
* 116 1,4-Dichlorobenzene-d4	152	11.085	11.085	0.000	95	267482	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.096	11.096	0.000	95	236585	20.0	20.5	
118 Benzyl chloride	91	11.197	11.197	0.000	99	162080	20.0	20.0	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	94	407849	20.0	21.3	
133 p-Diethylbenzene	119	11.277	11.277	0.000	92	309924	20.0	22.2	
120 n-Butylbenzene	91	11.294	11.294	0.000	97	641649	20.0	23.5	
121 1,2-Dichlorobenzene	146	11.347	11.347	0.000	97	224173	20.0	20.7	
132 1,2,4,5-Tetramethylbenzene	119	11.764	11.764	0.000	97	392917	20.0	20.9	
122 1,2-Dibromo-3-Chloropropan	75	11.839	11.839	0.000	97	19245	20.0	20.9	
145 1,3,5-Trichlorobenzene	180	11.925	11.925	0.000	98	207795	20.0	20.5	
123 Camphor	95	12.278	12.278	0.000	94	33313	100.0	92.0	
124 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	175814	20.0	20.0	
126 Hexachlorobutadiene	225	12.406	12.406	0.000	94	106355	20.0	20.4	
127 Naphthalene	128	12.519	12.519	0.000	99	314513	20.0	19.3	
128 1,2,3-Trichlorobenzene	180	12.684	12.684	0.000	96	162081	20.0	19.6	
S 130 1,2-Dichloroethene, Total	100				0			41.7	
S 131 Xylenes, Total	100				0		40.0	42.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			105.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00058	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00004	Amount Added:	2.00	Units: uL		
ACROLEIN W_00019	Amount Added:	3.00	Units: uL		
8260 INTSTD C_00040	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00040	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 17-Jun-2014 18:09:03 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28244.D

Injection Date: 16-Jun-2014 13:37:30 Instrument ID: CVOAMS9 Operator ID:

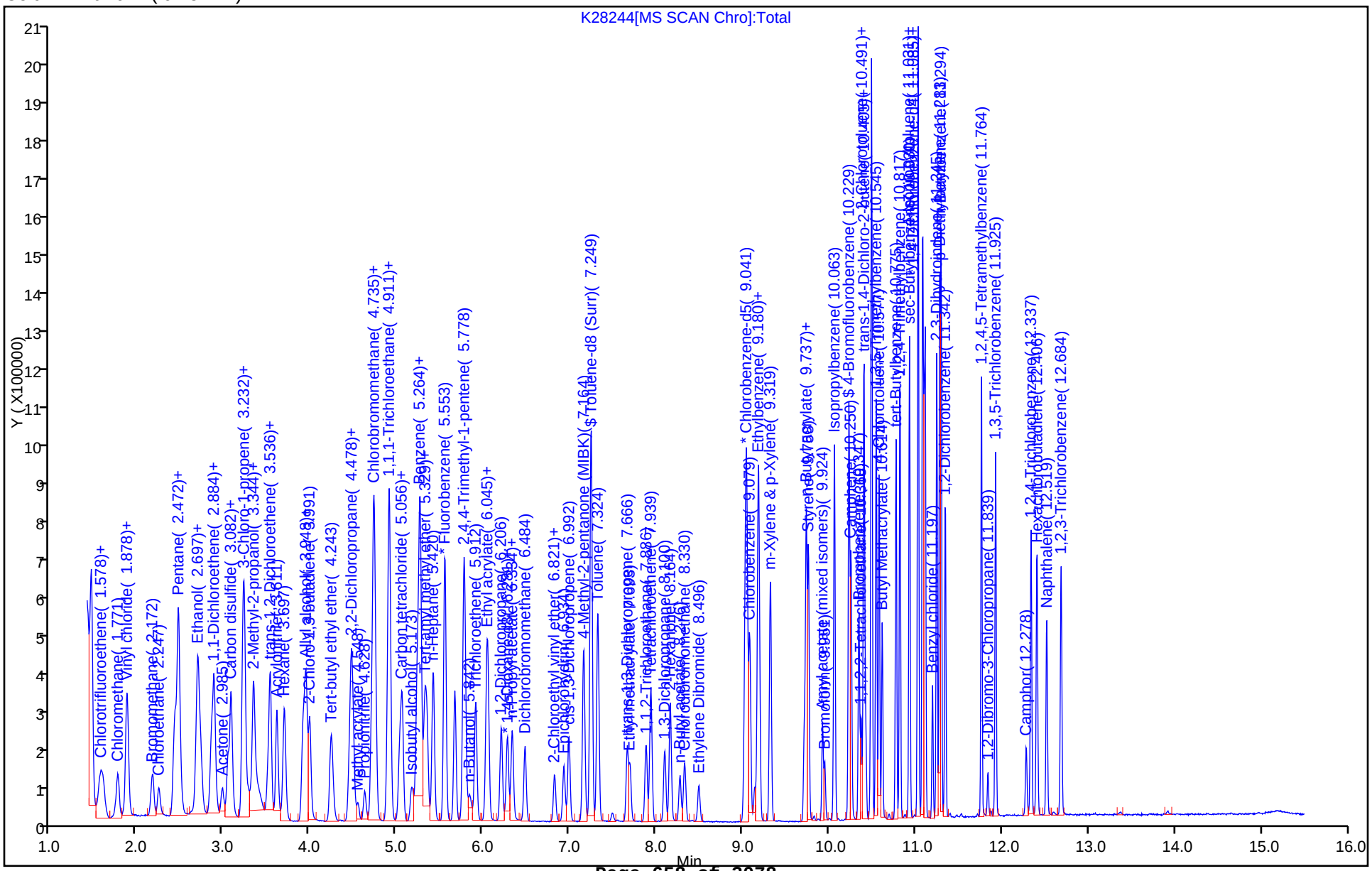
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

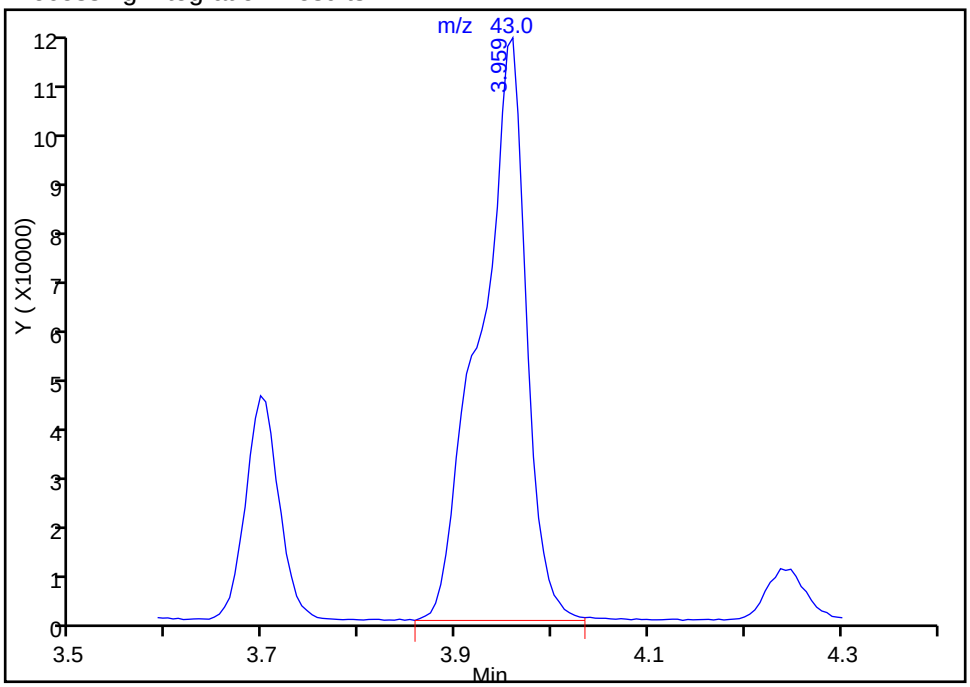
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28244.D
Injection Date: 16-Jun-2014 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Vinyl acetate, CAS: 108-05-4

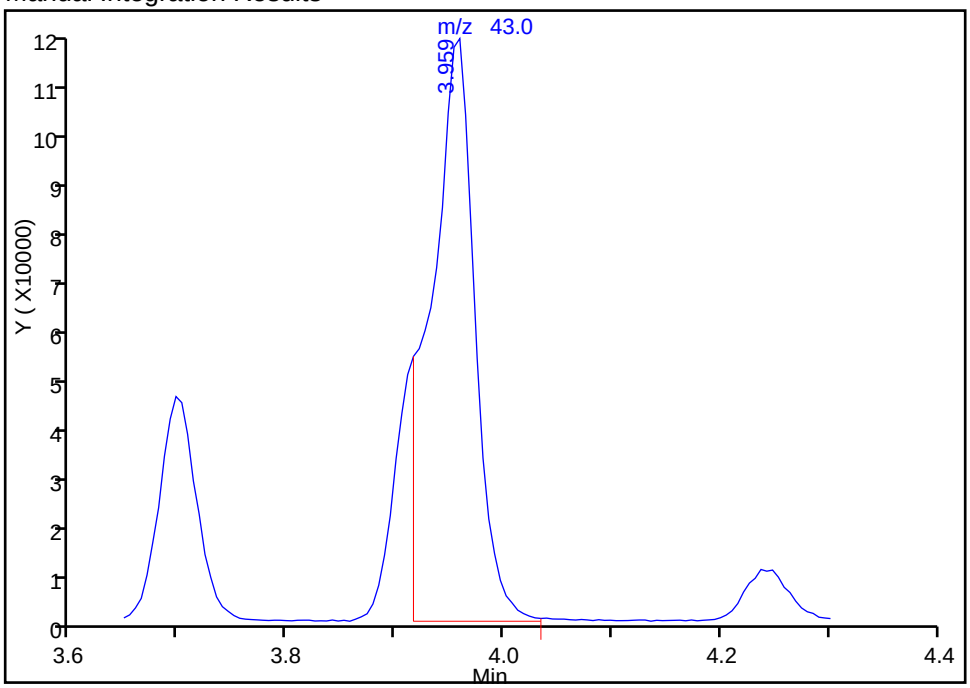
Processing Integration Results

RT: 3.96
Response: 387960
Amount: 49.240051



Manual Integration Results

RT: 3.96
Response: 332930
Amount: 45.028768



Reviewer: baronm, 17-Jun-2014 18:09:02
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28245.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 16-Jun-2014 14:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0014635-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 17:57:50 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 17-Jun-2014 09:37:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.578	1.573	0.005	78	91618	50.0	46.2	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	99	514293	50.0	46.5	
2 Chloromethane	50	1.776	1.771	0.005	99	453765	50.0	46.0	
4 Vinyl chloride	62	1.878	1.878	0.000	83	458577	50.0	47.1	
149 Butadiene	54	1.889	1.878	0.011	98	357585	50.0	47.4	
6 Bromomethane	94	2.178	2.178	0.000	99	262605	50.0	48.3	
7 Chloroethane	64	2.252	2.247	0.005	100	212295	50.0	48.4	
9 Dichlorofluoromethane	67	2.440	2.434	0.006	99	625638	50.0	47.2	
8 Trichlorofluoromethane	101	2.456	2.445	0.011	98	518313	50.0	44.8	
10 Pentane	72	2.483	2.472	0.011	96	104407	100.0	93.8	
11 Ethanol	46	2.670	2.664	0.006	85	65867	2500.0	2908.5	
13 Ethyl ether	59	2.680	2.675	0.005	93	173573	50.0	46.1	
14 2-Methyl-1,3-butadiene	53	2.702	2.697	0.005	98	284431	50.0	49.4	
15 1,2-Dichloro-1,1,2-trifluo	117	2.723	2.723	0.000	85	255989	50.0	50.3	
17 Acrolein	56	2.857	2.857	0.000	94	75688	400.0	433.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.873	2.862	0.011	96	355411	50.0	50.6	
18 1,1-Dichloroethene	96	2.889	2.889	0.000	97	285940	50.0	48.2	
19 Acetone	43	2.985	2.980	0.005	86	302995	250.0	247.0	
20 Iodomethane	142	3.050	3.044	0.006	98	507565	50.0	49.8	
34 Isopropyl alcohol	45	3.071	3.076	-0.005	1	154800	500.0	822.9	
21 Carbon disulfide	76	3.087	3.082	0.005	100	1208609	50.0	50.0	
147 3-Chloro-1-propene	76	3.215	3.215	0.000	95	166094	50.0	49.2	
23 Methyl acetate	43	3.231	3.226	0.005	100	722485	250.0	238.7	
22 Cyclopentene	67	3.242	3.237	0.005	89	854215	50.0	51.7	
24 Acetonitrile	41	3.290	3.285	0.005	93	310451	500.0	514.5	
25 Methylene Chloride	84	3.344	3.344	0.000	95	291930	50.0	48.3	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	43	318193	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.419	3.419	0.000	98	214829	500.0	500.8	
27 Methyl tert-butyl ether	73	3.520	3.515	0.005	97	600515	50.0	49.5	
29 trans-1,2-Dichloroethene	96	3.542	3.536	0.006	97	298492	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.617	3.611	0.006	93	647828	500.0	477.8	
32 Hexane	43	3.702	3.697	0.005	92	291239	50.0	50.4	
35 Isopropyl ether	45	3.922	3.916	0.006	95	842299	50.0	51.4	
38 Allyl alcohol	57	3.954	3.948	0.006	33	100551	1250.0	637.1	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	99	545534	50.0	49.8	
37 Vinyl acetate	43	3.959	3.959	0.000	100	798957	100.0	89.4	
33 2-Chloro-1,3-butadiene	88	3.996	3.991	0.005	92	255493	50.0	52.5	
40 Tert-butyl ethyl ether	59	4.243	4.243	0.000	89	705889	50.0	51.3	
41 2,2-Dichloropropane	77	4.462	4.457	0.005	97	465152	50.0	50.3	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	95	299164	50.0	50.5	
43 2-Butanone (MEK)	72	4.494	4.494	0.000	96	104866	250.0	260.6	
44 Ethyl acetate	43	4.494	4.494	0.000	93	725001	100.0	95.1	
39 Methyl acrylate	55	4.553	4.553	0.000	100	151501	50.0	47.8	
48 Propionitrile	54	4.628	4.628	0.000	98	257965	500.0	518.4	
46 Chlorobromomethane	128	4.708	4.708	0.000	96	128182	50.0	48.8	
45 Tetrahydrofuran	42	4.713	4.719	-0.006	93	142026	100.0	103.0	
31 Methacrylonitrile	67	4.735	4.735	0.000	94	739667	500.0	500.6	
47 Chloroform	83	4.756	4.756	0.000	98	499252	50.0	49.8	
49 Cyclohexane	56	4.906	4.906	0.000	93	582243	50.0	53.0	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.911	0.006	70	213534	50.0	48.4	
50 1,1,1-Trichloroethane	97	4.917	4.917	0.000	98	479094	50.0	50.1	
51 Carbon tetrachloride	117	5.040	5.040	0.000	98	425004	50.0	50.3	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	97	373808	50.0	51.0	
56 Isobutyl alcohol	43	5.179	5.179	0.000	96	201100	1250.0	1261.5	
53 Benzene	78	5.270	5.264	0.006	97	1158646	50.0	49.5	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.275	0.005	97	207852	50.0	46.6	
57 Isopropyl acetate	43	5.323	5.318	0.005	96	567225	50.0	50.7	
142 Tert-amyl methyl ether	73	5.334	5.334	0.000	97	639952	50.0	51.0	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	95	300888	50.0	49.0	
58 n-Heptane	57	5.420	5.425	-0.005	94	275567	50.0	54.3	
* 59 Fluorobenzene	96	5.559	5.559	0.000	99	760362	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.783	5.778	0.005	93	1771833	100.0	106.6	
62 n-Butanol	56	5.847	5.842	0.005	90	159933	1250.0	1358.9	
61 Trichloroethene	95	5.912	5.912	0.000	98	301853	50.0	50.6	
64 Ethyl acrylate	55	6.045	6.040	0.005	96	704624	50.0	52.2	
63 Methylcyclohexane	83	6.051	6.051	0.000	94	573603	50.0	54.2	
65 1,2-Dichloropropane	63	6.206	6.206	0.000	90	274092	50.0	49.7	
* 150 1,4-Dioxane-d8	96	6.259	6.259	0.000	89	34963	1000.0	1000.0	
66 Methyl methacrylate	41	6.281	6.275	0.006	91	322462	100.0	101.5	
67 1,4-Dioxane	88	6.324	6.324	0.000	88	51019	1000.0	984.1	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	267068	50.0	49.7	
68 Dibromomethane	93	6.334	6.334	0.000	90	143157	50.0	47.3	
70 Dichlorobromomethane	83	6.484	6.484	0.000	100	363224	50.0	49.9	
72 2-Chloroethyl vinyl ether	63	6.826	6.821	0.005	71	100833	50.0	49.3	
71 2-Nitropropane	41	6.826	6.827	0.000	81	89175	100.0	91.0	
73 Epichlorohydrin	57	6.933	6.934	-0.001	99	358047	1000.0	960.6	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	93	393632	50.0	50.3	
75 4-Methyl-2-pentanone (MIBK	43	7.164	7.164	0.000	98	959724	250.0	256.5	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	840420	50.0	49.3	
77 Toluene	91	7.329	7.324	0.005	94	1181367	50.0	49.9	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	97	294814	50.0	48.3	
82 Ethyl methacrylate	69	7.698	7.699	0.000	91	228857	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.886	7.886	0.000	96	167046	50.0	47.7	
80 Tetrachloroethene	166	7.939	7.939	0.000	97	309416	50.0	49.8	
81 1,3-Dichloropropane	76	8.100	8.100	0.000	95	312689	50.0	48.2	
83 2-Hexanone	43	8.164	8.164	0.000	98	630107	250.0	252.1	
85 n-Butyl acetate	43	8.276	8.276	0.000	98	241980	50.0	47.4	
84 Chlorodibromomethane	129	8.330	8.330	0.000	98	238708	50.0	47.6	
86 Ethylene Dibromide	107	8.496	8.496	0.000	98	186703	50.0	46.5	
* 87 Chlorobenzene-d5	117	9.047	9.047	0.000	85	564743	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	94	728991	50.0	48.6	
89 Ethylbenzene	106	9.180	9.180	0.000	99	418575	50.0	51.4	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	94	272266	50.0	48.6	
91 m-Xylene & p-Xylene	106	9.319	9.319	0.000	97	499888	50.0	53.0	
93 n-Butyl acrylate	73	9.715	9.715	0.000	96	128578	50.0	45.9	
92 o-Xylene	106	9.737	9.737	0.000	93	513230	50.0	53.8	
94 Styrene	104	9.763	9.764	-0.001	95	809566	50.0	52.7	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	90	307915	50.0	51.4	
97 Bromoform	173	9.951	9.951	0.000	96	155823	50.0	47.5	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	1417588	50.0	55.8	
$ 99 4-Bromofluorobenzene	174	10.229	10.229	0.000	91	239062	50.0	48.1	
95 Camphene	41	10.250	10.250	0.000	97	121492	50.0	51.0	
100 Bromobenzene	156	10.347	10.347	0.000	98	303880	50.0	49.7	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	99	262464	50.0	49.0	
102 N-Propylbenzene	91	10.400	10.400	0.000	99	1767404	50.0	57.5	
103 1,2,3-Trichloropropane	110	10.411	10.416	-0.005	99	64322	50.0	49.1	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	87	71564	50.0	48.9	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	1143584	50.0	54.1	
143 4-Ethyltoluene	105	10.491	10.491	0.000	98	1443887	50.0	57.0	
106 1,3,5-Trimethylbenzene	105	10.545	10.545	0.000	92	1197435	50.0	57.6	
107 4-Chlorotoluene	91	10.577	10.577	0.000	98	978361	50.0	53.3	
108 Butyl Methacrylate	87	10.614	10.614	0.000	92	293613	50.0	48.2	
109 tert-Butylbenzene	119	10.775	10.775	0.000	93	947257	50.0	56.4	
110 1,2,4-Trimethylbenzene	105	10.817	10.817	0.000	98	1211740	50.0	57.9	
113 sec-Butylbenzene	105	10.930	10.930	0.000	99	1649531	50.0	59.7	
114 4-Isopropyltoluene	119	11.026	11.031	-0.005	97	1376517	50.0	59.0	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	97	632336	50.0	51.4	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.085	-0.006	95	286562	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.096	11.096	0.000	95	609642	50.0	49.4	
118 Benzyl chloride	91	11.192	11.197	-0.005	98	433774	50.0	50.0	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	95	1132757	50.0	55.2	
133 p-Diethylbenzene	119	11.277	11.277	0.000	92	832224	50.0	55.6	
120 n-Butylbenzene	91	11.293	11.294	-0.001	98	1683321	50.0	57.4	
121 1,2-Dichlorobenzene	146	11.342	11.347	-0.005	96	588356	50.0	50.6	
132 1,2,4,5-Tetramethylbenzene	119	11.759	11.764	-0.005	97	1170468	50.0	58.0	
122 1,2-Dibromo-3-Chloropropan	75	11.834	11.839	-0.005	97	48899	50.0	50.8	
145 1,3,5-Trichlorobenzene	180	11.919	11.925	-0.006	97	545464	50.0	50.3	
123 Camphor	95	12.278	12.278	0.000	94	100280	250.0	230.1	
124 1,2,4-Trichlorobenzene	180	12.331	12.337	-0.006	94	475461	50.0	50.5	
126 Hexachlorobutadiene	225	12.401	12.406	-0.005	94	281792	50.0	50.4	
127 Naphthalene	128	12.513	12.519	-0.006	99	879465	50.0	50.5	
128 1,2,3-Trichlorobenzene	180	12.679	12.684	-0.005	95	434100	50.0	48.9	
S 130 1,2-Dichloroethene, Total	100				0			100.7	
S 131 Xylenes, Total	100				0		100.0	106.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			257.7	

Reagents:

GASES Li_00058	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00004	Amount Added:	5.00	Units: uL	
ACROLEIN W_00019	Amount Added:	4.00	Units: uL	
8260 INTSTD C_00040	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00040	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Jun-2014 17:57:51 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28245.D

Injection Date: 16-Jun-2014 14:02:30 Instrument ID: CVOAMS9 Operator ID:

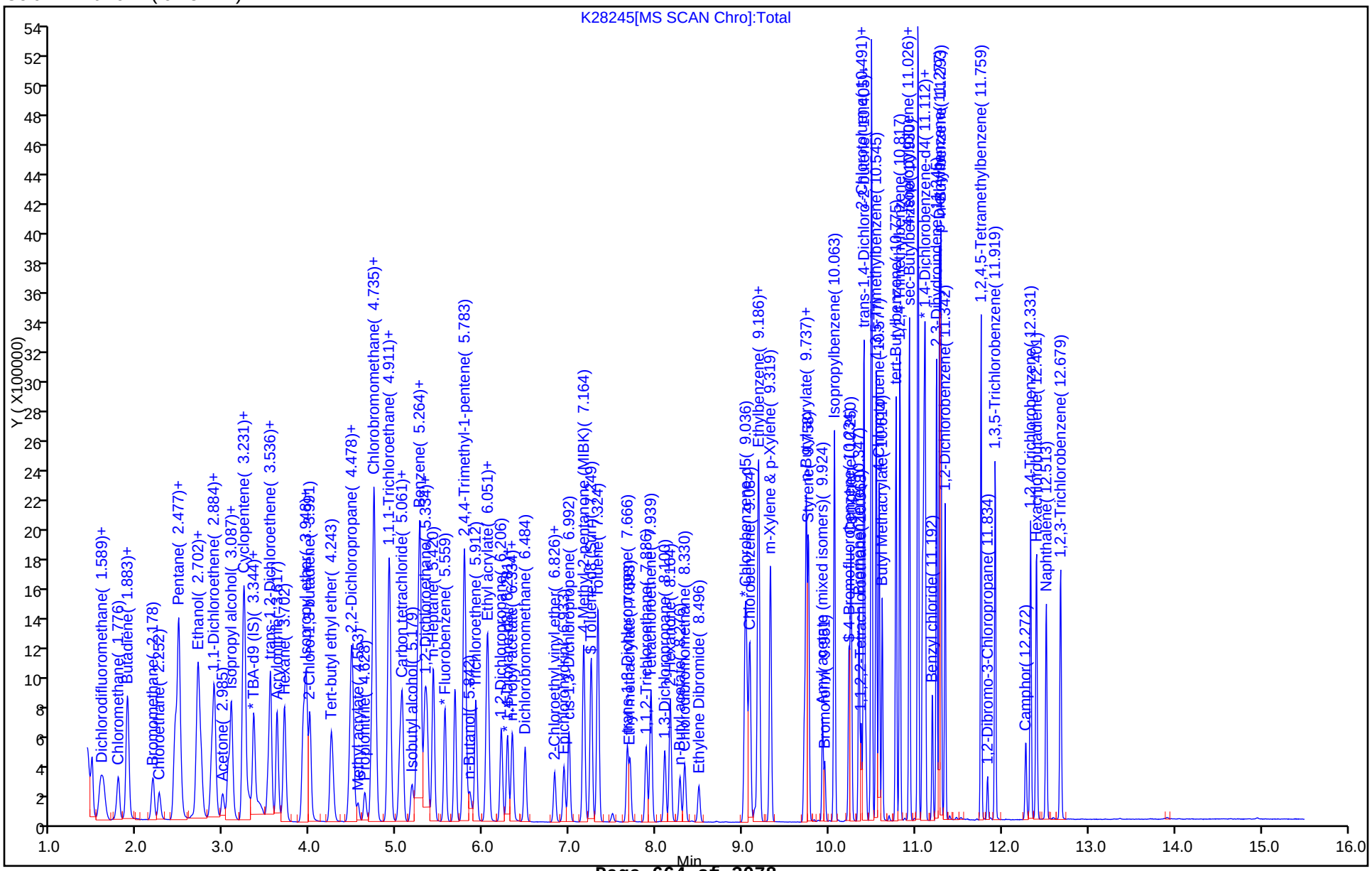
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28246.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Jun-2014 14:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0014635-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 18:08:11 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 17-Jun-2014 09:37:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.573	1.573	0.000	89	386936	200.0	186.4	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	99	2453044	200.0	211.9	
2 Chloromethane	50	1.782	1.771	0.011	99	2097909	200.0	203.1	
4 Vinyl chloride	62	1.883	1.878	0.005	83	2070718	200.0	203.2	
149 Butadiene	54	1.889	1.878	0.011	97	1660135	200.0	210.0	
6 Bromomethane	94	2.183	2.178	0.005	99	1058831	200.0	185.9	
7 Chloroethane	64	2.252	2.247	0.005	100	866334	200.0	188.7	
9 Dichlorofluoromethane	67	2.440	2.434	0.006	99	2613739	200.0	188.5	
8 Trichlorofluoromethane	101	2.456	2.445	0.011	99	2216987	200.0	183.0	
10 Pentane	72	2.482	2.472	0.010	96	408789	400.0	350.9	
11 Ethanol	46	2.675	2.664	0.011	80	248749	10000	9269.0	
13 Ethyl ether	59	2.680	2.675	0.005	93	671755	200.0	170.3	
14 2-Methyl-1,3-butadiene	53	2.702	2.697	0.005	98	1103984	200.0	183.3	
15 1,2-Dichloro-1,1,2-trifluo	117	2.734	2.723	0.011	95	947047	200.0	177.8	
17 Acrolein	56	2.857	2.857	0.000	95	91874	500.0	443.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.868	2.862	0.006	97	1335168	200.0	181.6	
18 1,1-Dichloroethene	96	2.894	2.889	0.005	96	1073345	200.0	173.0	
19 Acetone	43	2.985	2.980	0.005	86	1554415	1000.0	1097.7	
20 Iodomethane	142	3.055	3.044	0.011	98	1944001	200.0	182.1	
34 Isopropyl alcohol	45	3.076	3.076	0.000	1	672122	2000.0	1909.4	
21 Carbon disulfide	76	3.087	3.082	0.005	99	4549313	200.0	179.7	
147 3-Chloro-1-propene	76	3.221	3.215	0.006	98	671361	200.0	190.1	
23 Methyl acetate	43	3.231	3.226	0.005	100	2940632	1000.0	927.9	
22 Cyclopentene	67	3.242	3.237	0.005	94	3506065	200.0	202.6	
24 Acetonitrile	41	3.290	3.285	0.005	97	1121086	2000.0	1962.0	
25 Methylene Chloride	84	3.349	3.344	0.005	95	1129158	200.0	178.3	
* 151 TBA-d9 (IS)	65	3.365	3.349	0.016	74	377065	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.429	3.419	0.010	98	981433	2000.0	1960.6	
27 Methyl tert-butyl ether	73	3.520	3.515	0.005	97	2522731	200.0	198.6	
29 trans-1,2-Dichloroethene	96	3.542	3.536	0.006	97	1160757	200.0	186.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.617	3.611	0.006	94	2700248	2000.0	1902.5	
32 Hexane	43	3.702	3.697	0.005	93	1149500	200.0	190.1	
35 Isopropyl ether	45	3.922	3.916	0.006	97	3334318	200.0	194.3	
38 Allyl alcohol	57	3.964	3.948	0.016	33	440827	5000.0	5051.7	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	100	2134794	200.0	186.2	
37 Vinyl acetate	43	3.959	3.959	0.000	100	3659819	400.0	417.2	M
33 2-Chloro-1,3-butadiene	88	3.996	3.991	0.005	91	1074613	200.0	210.9	
40 Tert-butyl ethyl ether	59	4.248	4.243	0.005	88	2872270	200.0	199.4	
41 2,2-Dichloropropane	77	4.462	4.457	0.005	97	1862949	200.0	192.4	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	96	1194092	200.0	192.5	
43 2-Butanone (MEK)	72	4.499	4.494	0.005	96	478277	1000.0	1003.1	
44 Ethyl acetate	43	4.499	4.494	0.005	94	3227322	400.0	404.4	
39 Methyl acrylate	55	4.553	4.553	0.000	100	678555	200.0	204.7	
48 Propionitrile	54	4.633	4.628	0.005	98	1029275	2000.0	1745.4	
46 Chlorobromomethane	128	4.708	4.708	0.000	96	502699	200.0	182.6	
45 Tetrahydrofuran	42	4.713	4.719	-0.006	94	608330	400.0	372.3	
31 Methacrylonitrile	67	4.740	4.735	0.005	93	3183151	2000.0	2058.0	
47 Chloroform	83	4.756	4.756	0.000	99	1930903	200.0	184.0	
49 Cyclohexane	56	4.906	4.906	0.000	93	2374663	200.0	206.5	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.911	0.006	38	221003	50.0	47.9	
50 1,1,1-Trichloroethane	97	4.917	4.917	0.000	98	1898647	200.0	189.6	
51 Carbon tetrachloride	117	5.040	5.040	0.000	98	1674700	200.0	189.2	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	97	1529858	200.0	199.5	
56 Isobutyl alcohol	43	5.173	5.179	-0.006	96	915471	5000.0	4846.0	
53 Benzene	78	5.270	5.264	0.006	97	4584392	200.0	184.8	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.275	0.005	95	231083	50.0	49.5	
57 Isopropyl acetate	43	5.323	5.318	0.005	96	2386789	200.0	203.7	
142 Tert-amyl methyl ether	73	5.334	5.334	0.000	98	2667988	200.0	203.1	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	95	1188325	200.0	184.7	
58 n-Heptane	57	5.419	5.425	-0.006	94	1097318	200.0	206.6	
* 59 Fluorobenzene	96	5.559	5.559	0.000	99	795959	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.783	5.778	0.005	95	8099233	400.0	465.4	
62 n-Butanol	56	5.847	5.842	0.005	90	721596	5000.0	5174.1	
61 Trichloroethene	95	5.912	5.912	0.000	99	1201843	200.0	192.4	
64 Ethyl acrylate	55	6.045	6.040	0.005	98	2999323	200.0	212.4	
63 Methylcyclohexane	83	6.051	6.051	0.000	94	2357920	200.0	212.9	
65 1,2-Dichloropropane	63	6.211	6.206	0.005	90	1100939	200.0	190.6	
* 150 1,4-Dioxane-d8	96	6.270	6.259	0.011	32	34880	1000.0	1000.0	M
66 Methyl methacrylate	41	6.281	6.275	0.006	90	1444709	400.0	434.3	
67 1,4-Dioxane	88	6.324	6.324	0.000	87	210784	4000.0	4075.4	
69 n-Propyl acetate	43	6.334	6.334	0.000	99	1188762	200.0	211.5	
68 Dibromomethane	93	6.340	6.334	0.006	79	578257	200.0	182.3	
70 Dichlorobromomethane	83	6.484	6.484	0.000	100	1449883	200.0	190.2	
72 2-Chloroethyl vinyl ether	63	6.826	6.821	0.005	73	491160	200.0	229.3	
71 2-Nitropropane	41	6.826	6.827	0.000	81	396597	400.0	386.5	
73 Epichlorohydrin	57	6.933	6.934	-0.001	100	1544734	4000.0	3908.4	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	93	1665882	200.0	200.8	
75 4-Methyl-2-pentanone (MIBK	43	7.163	7.164	-0.001	97	4065093	1000.0	1024.4	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	878633	50.0	48.6	
77 Toluene	91	7.324	7.324	0.000	93	4784736	200.0	190.8	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	95	1293012	200.0	199.6	
82 Ethyl methacrylate	69	7.698	7.699	0.000	89	1054328	200.0	216.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.886	7.886	0.000	96	679893	200.0	182.9	
80 Tetrachloroethene	166	7.939	7.939	0.000	97	1233208	200.0	187.1	
81 1,3-Dichloropropane	76	8.100	8.100	0.000	95	1314299	200.0	190.9	
83 2-Hexanone	43	8.164	8.164	0.000	98	2889004	1000.0	1090.2	
85 n-Butyl acetate	43	8.276	8.276	0.000	99	1117943	200.0	209.2	
84 Chlorodibromomethane	129	8.330	8.330	0.000	98	985132	200.0	185.3	
86 Ethylene Dibromide	107	8.496	8.496	0.000	98	786442	200.0	184.8	
* 87 Chlorobenzene-d5	117	9.047	9.047	0.000	89	598830	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	94	3009340	200.0	189.1	
89 Ethylbenzene	106	9.180	9.180	0.000	99	1724727	200.0	199.9	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	95	1108967	200.0	186.7	
91 m-Xylene & p-Xylene	106	9.325	9.319	0.006	97	2109313	200.0	211.1	
93 n-Butyl acrylate	73	9.715	9.715	0.000	96	647277	200.0	201.5	
92 o-Xylene	106	9.737	9.737	0.000	93	2107720	200.0	208.3	
94 Styrene	104	9.763	9.764	-0.001	95	3382835	200.0	207.7	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	90	1465176	200.0	228.0	
97 Bromoform	173	9.951	9.951	0.000	96	638099	200.0	183.5	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	5913199	200.0	219.4	
$ 99 4-Bromofluorobenzene	174	10.234	10.229	0.005	94	262817	50.0	49.8	
95 Camphene	41	10.250	10.250	0.000	97	524927	200.0	208.0	
100 Bromobenzene	156	10.347	10.347	-0.001	98	1262563	200.0	192.6	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	99	1073822	200.0	187.2	
102 N-Propylbenzene	91	10.405	10.400	0.005	99	7201670	200.0	218.7	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	99	264430	200.0	188.3	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	85	297477	200.0	189.7	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	4663135	200.0	205.9	
143 4-Ethyltoluene	105	10.496	10.491	0.005	98	6080343	200.0	223.9	
106 1,3,5-Trimethylbenzene	105	10.544	10.545	-0.001	92	4945425	200.0	221.9	
107 4-Chlorotoluene	91	10.582	10.577	0.005	97	3929927	200.0	199.6	
108 Butyl Methacrylate	87	10.614	10.614	0.000	91	1380289	200.0	200.8	
109 tert-Butylbenzene	119	10.774	10.775	-0.001	93	4020345	200.0	223.2	
110 1,2,4-Trimethylbenzene	105	10.823	10.817	0.006	98	4968957	200.0	221.4	
113 sec-Butylbenzene	105	10.930	10.930	0.000	99	6793538	200.0	229.3	
114 4-Isopropyltoluene	119	11.031	11.031	0.000	97	5679040	200.0	227.0	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	97	2482158	200.0	188.2	
* 116 1,4-Dichlorobenzene-d4	152	11.085	11.085	0.000	96	307141	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.101	11.096	0.005	94	2452688	200.0	185.3	
118 Benzyl chloride	91	11.197	11.197	0.000	99	1983869	200.0	213.3	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	94	4785039	200.0	217.4	
133 p-Diethylbenzene	119	11.277	11.277	0.000	93	3496613	200.0	218.0	
120 n-Butylbenzene	91	11.299	11.294	0.005	97	6669208	200.0	212.3	
121 1,2-Dichlorobenzene	146	11.347	11.347	0.000	96	2353911	200.0	189.0	
132 1,2,4,5-Tetramethylbenzene	119	11.764	11.764	0.000	97	5220970	200.0	241.3	
122 1,2-Dibromo-3-Chloropropan	75	11.834	11.839	-0.005	97	201323	200.0	197.5	
145 1,3,5-Trichlorobenzene	180	11.925	11.925	0.000	98	2278040	200.0	195.9	
123 Camphor	95	12.278	12.278	0.000	93	518679	1000.0	1007.7	
124 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	1924208	200.0	190.6	
126 Hexachlorobutadiene	225	12.406	12.406	0.000	94	1185599	200.0	197.9	
127 Naphthalene	128	12.518	12.519	-0.001	99	3809917	200.0	204.0	
128 1,2,3-Trichlorobenzene	180	12.684	12.684	0.000	96	1794927	200.0	188.8	
S 130 1,2-Dichloroethene, Total	100				0			378.9	
S 131 Xylenes, Total	100				0		400.0	419.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			994.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00019	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00004	Amount Added:	20.00	Units: uL	
GASES Li_00058	Amount Added:	20.00	Units: uL	
8260 INTSTD C_00040	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00040	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Jun-2014 18:08:12 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28246.D

Injection Date: 16-Jun-2014 14:26:30 Instrument ID: CVOAMS9 Operator ID:

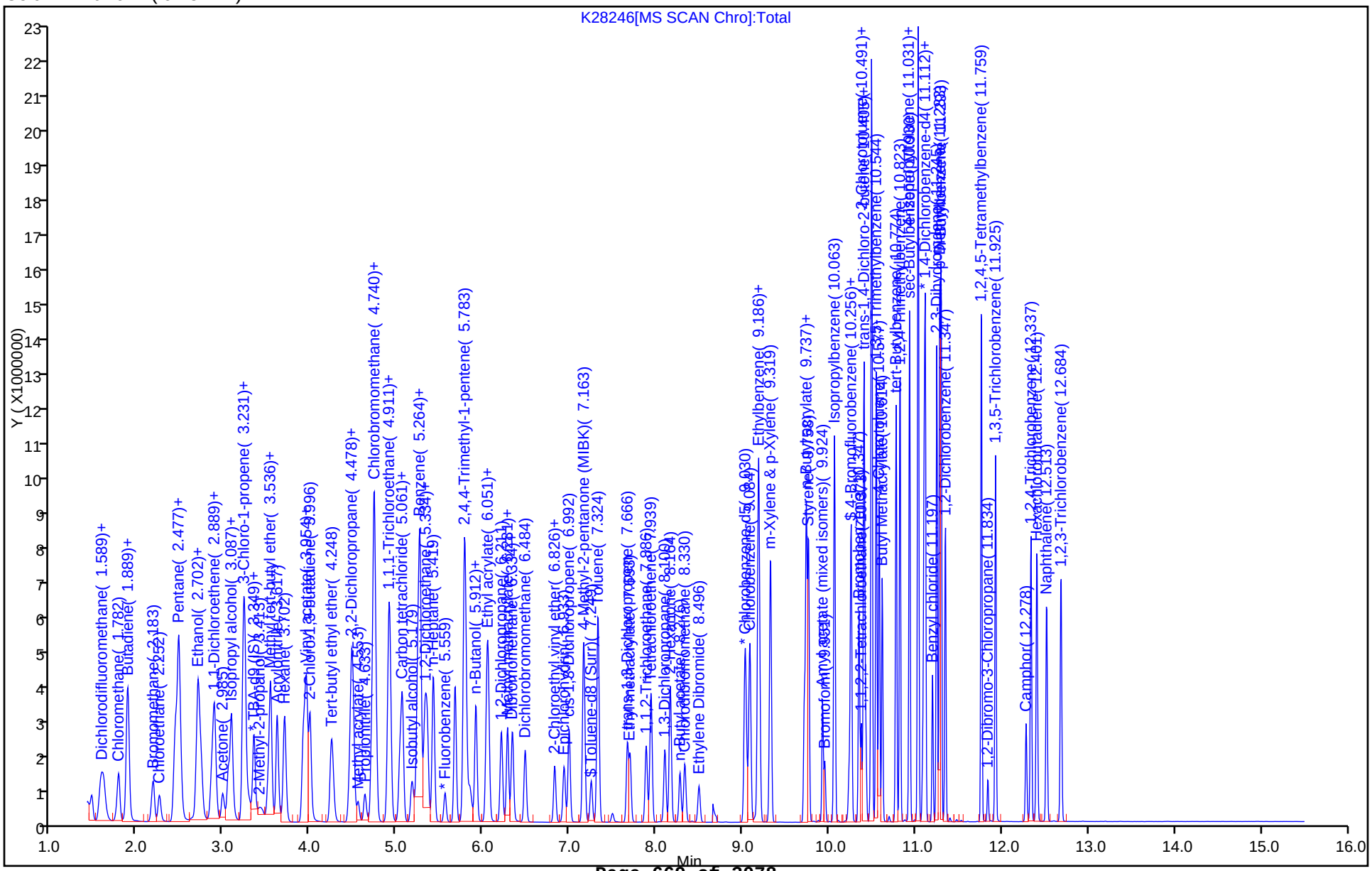
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

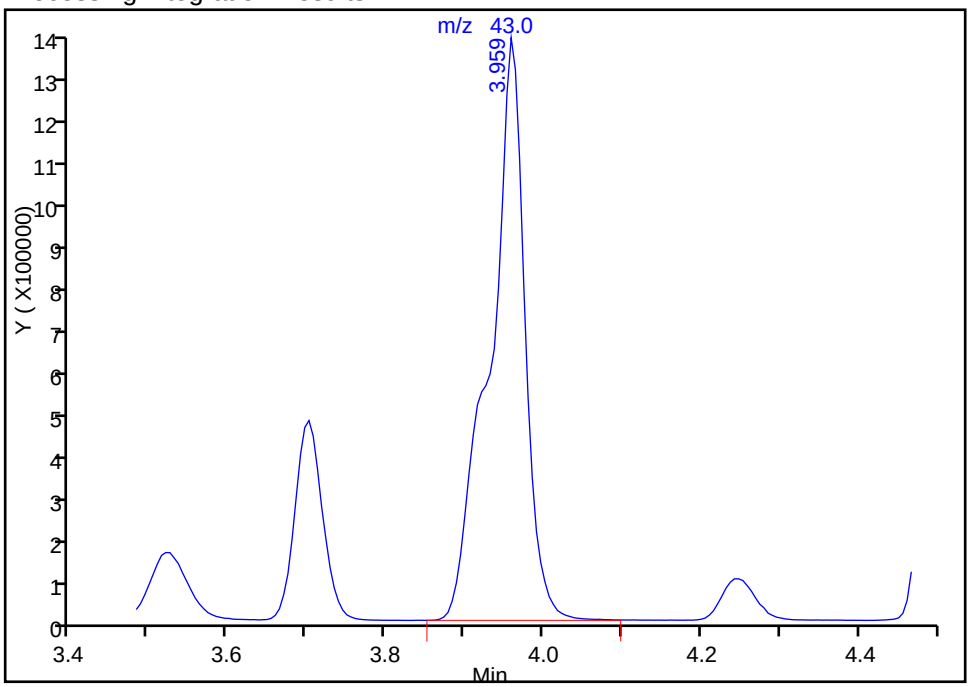
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28246.D
Injection Date: 16-Jun-2014 14:26:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Vinyl acetate, CAS: 108-05-4

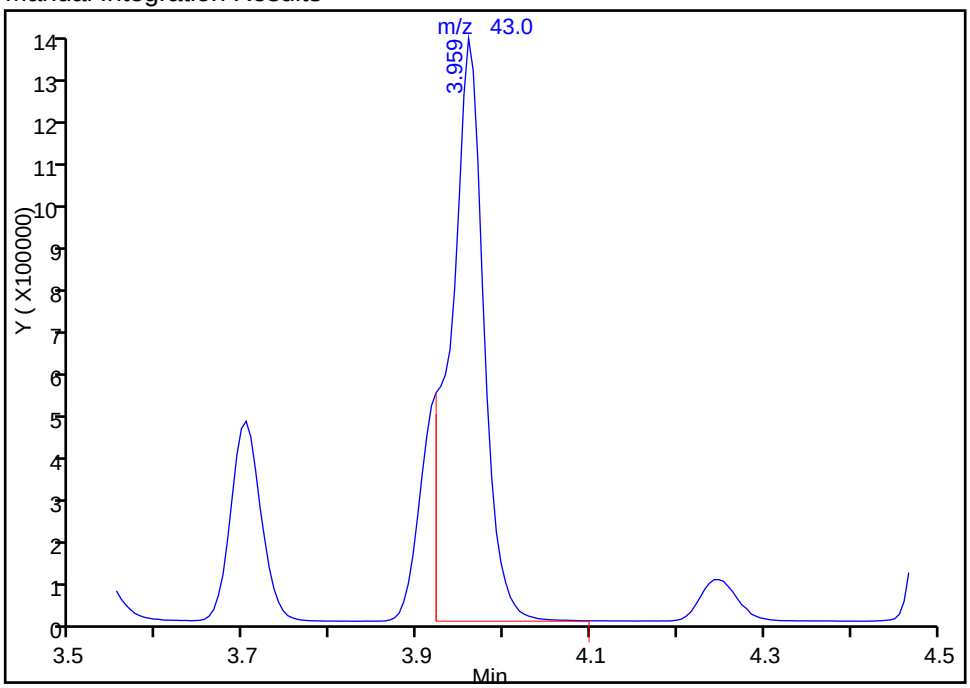
Processing Integration Results

RT: 3.96
Response: 4257405
Amount: 407.1702



Manual Integration Results

RT: 3.96
Response: 3659819
Amount: 417.1508



Reviewer: baronm, 17-Jun-2014 18:08:11
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

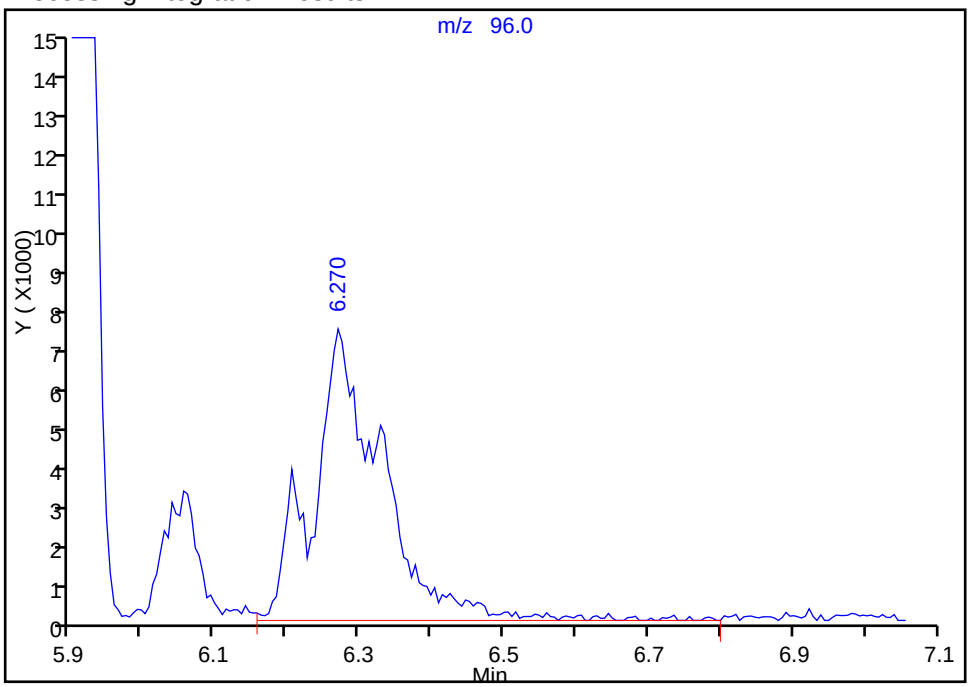
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28246.D
Injection Date: 16-Jun-2014 14:26:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 150 1,4-Dioxane-d8, CAS: 17647-74-4

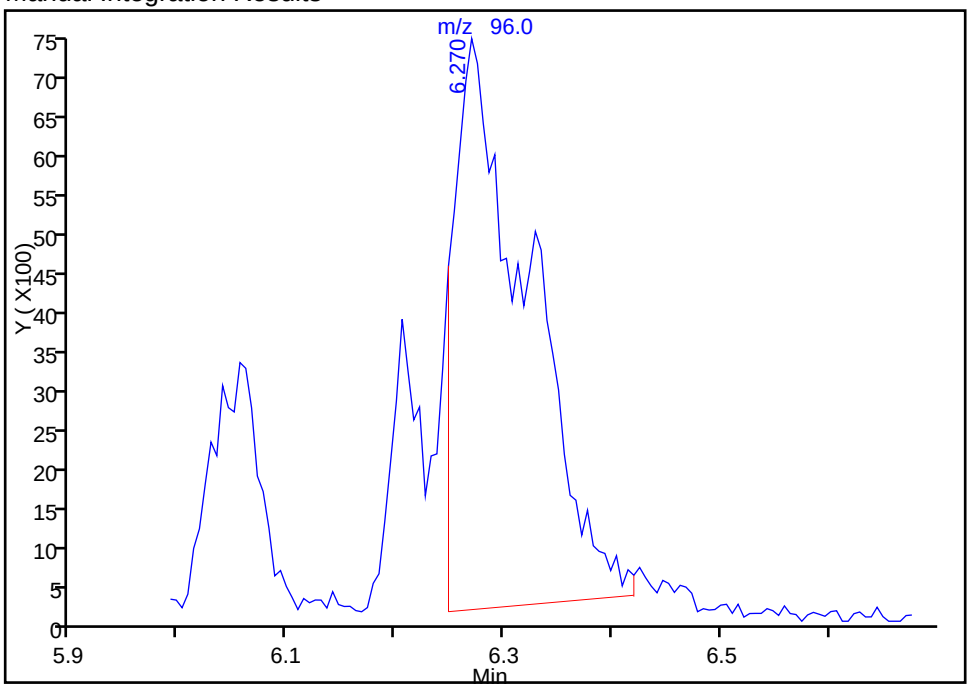
Processing Integration Results

RT: 6.27
Response: 49748
Amount: 1000.0000



Manual Integration Results

RT: 6.27
Response: 34880
Amount: 1000.0000



Reviewer: tupayachia, 16-Jun-2014 17:27:19
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28247.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Jun-2014 14:50:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0014635-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 18:10:00 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 17-Jun-2014 10:38:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.573	1.573	0.000	80	1004431	500.0	477.5	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	99	6182062	500.0	526.9	
2 Chloromethane	50	1.781	1.771	0.010	99	5257050	500.0	502.1	
4 Vinyl chloride	62	1.883	1.878	0.005	83	5124155	500.0	496.3	
149 Butadiene	54	1.888	1.878	0.010	97	4154272	500.0	518.5	
6 Bromomethane	94	2.183	2.178	0.005	99	2560105	500.0	443.5	
7 Chloroethane	64	2.252	2.247	0.005	100	2122565	500.0	456.1	
9 Dichlorofluoromethane	67	2.439	2.434	0.005	99	6515724	500.0	463.6	
8 Trichlorofluoromethane	101	2.456	2.445	0.011	98	5600356	500.0	456.2	
10 Pentane	72	2.482	2.472	0.010	95	1037531	1000.0	878.8	
11 Ethanol	46	2.675	2.664	0.011	78	600555	25000	21607	
13 Ethyl ether	59	2.675	2.675	0.000	94	1698242	500.0	424.8	
14 2-Methyl-1,3-butadiene	53	2.702	2.697	0.005	98	2743266	500.0	449.6	
15 1,2-Dichloro-1,1,2-trifluo	117	2.734	2.723	0.011	96	2440058	500.0	452.0	
17 Acrolein	56	2.857	2.857	0.000	93	113099	600.0	527.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.867	2.862	0.005	96	3413543	500.0	458.2	
18 1,1-Dichloroethene	96	2.894	2.889	0.005	96	2784816	500.0	442.9	
19 Acetone	43	2.985	2.980	0.005	86	3639402	2500.0	2492.3	
20 Iodomethane	142	3.049	3.044	0.005	99	5016990	500.0	463.8	
34 Isopropyl alcohol	45	3.076	3.076	0.000	1	1699397	5000.0	4670.6	
21 Carbon disulfide	76	3.087	3.082	0.005	99	11360163	500.0	442.8	
147 3-Chloro-1-propene	76	3.215	3.215	0.000	97	1770588	500.0	494.8	
23 Methyl acetate	43	3.231	3.226	0.005	100	7477906	2500.0	2328.3	
22 Cyclopentene	67	3.242	3.237	0.005	94	9110635	500.0	519.5	
24 Acetonitrile	41	3.290	3.285	0.005	96	2852059	5000.0	5005.3	
25 Methylene Chloride	84	3.344	3.344	0.000	95	2915501	500.0	454.2	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	68	390519	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.424	3.419	0.005	98	2645248	5000.0	5119.1	
27 Methyl tert-butyl ether	73	3.520	3.515	0.005	97	6645038	500.0	516.2	
29 trans-1,2-Dichloroethene	96	3.542	3.536	0.006	97	3041028	500.0	482.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.616	3.611	0.005	94	7042839	5000.0	4896.4	
32 Hexane	43	3.702	3.697	0.005	94	2986870	500.0	487.3	
35 Isopropyl ether	45	3.921	3.916	0.005	97	8817565	500.0	507.0	
38 Allyl alcohol	57	3.964	3.948	0.016	33	1173400	12500	12983	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	99	5557437	500.0	478.3	
37 Vinyl acetate	43	3.959	3.959	0.000	100	9442252	1000.0	1094.9	M
33 2-Chloro-1,3-butadiene	88	3.996	3.991	0.005	90	2821499	500.0	546.5	
40 Tert-butyl ethyl ether	59	4.242	4.243	-0.001	88	7710780	500.0	528.3	
41 2,2-Dichloropropane	77	4.467	4.457	0.010	96	4849834	500.0	494.4	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	95	3154921	500.0	501.8	
43 2-Butanone (MEK)	72	4.499	4.494	0.005	96	1223436	2500.0	2477.4	
44 Ethyl acetate	43	4.499	4.494	0.005	94	8246780	1000.0	1019.6	
39 Methyl acrylate	55	4.553	4.553	0.000	100	1794113	500.0	534.1	
48 Propionitrile	54	4.633	4.628	0.005	98	2732345	5000.0	4473.8	
46 Chlorobromomethane	128	4.708	4.708	0.000	90	1308352	500.0	469.1	
45 Tetrahydrofuran	42	4.718	4.719	-0.001	94	1570189	1000.0	927.8	
31 Methacrylonitrile	67	4.740	4.735	0.005	93	8119545	5000.0	5180.0	
47 Chloroform	83	4.761	4.756	0.005	99	4987118	500.0	469.0	
49 Cyclohexane	56	4.911	4.906	0.005	92	6249851	500.0	536.2	
$ 152 Dibromofluoromethane (Surr	113	4.916	4.911	0.005	95	234577	50.0	50.1	
50 1,1,1-Trichloroethane	97	4.922	4.917	0.005	99	4930411	500.0	485.8	
51 Carbon tetrachloride	117	5.039	5.040	-0.001	98	4425232	500.0	493.3	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	97	4078833	500.0	524.8	
56 Isobutyl alcohol	43	5.179	5.179	0.000	96	2711900	12500	13861	
53 Benzene	78	5.269	5.264	0.005	96	11863385	500.0	478.5	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.275	0.005	93	274937	50.0	58.1	
57 Isopropyl acetate	43	5.323	5.318	0.005	96	6170456	500.0	519.7	
142 Tert-amyl methyl ether	73	5.339	5.334	0.005	93	7124762	500.0	535.3	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	95	3071253	500.0	471.0	
58 n-Heptane	57	5.425	5.425	0.000	94	2804942	500.0	521.1	
* 59 Fluorobenzene	96	5.558	5.559	-0.001	99	806650	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.788	5.778	0.010	94	21169765	1000.0	1200.4	
62 n-Butanol	56	5.847	5.842	0.005	90	1993791	12500	13804	
61 Trichloroethene	95	5.917	5.912	0.005	99	3147016	500.0	497.1	
64 Ethyl acrylate	55	6.045	6.040	0.005	97	7760861	500.0	542.4	
63 Methylcyclohexane	83	6.056	6.051	0.005	94	6170297	500.0	549.7	
65 1,2-Dichloropropane	63	6.211	6.206	0.005	91	2872123	500.0	490.6	
* 150 1,4-Dioxane-d8	96	6.339	6.259	0.080	71	48105	1000.0	1000.0	
66 Methyl methacrylate	41	6.281	6.275	0.006	90	3631354	1000.0	1077.2	
67 1,4-Dioxane	88	6.323	6.324	-0.001	67	584049	10000	8187.9	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	3071765	500.0	539.3	
68 Dibromomethane	93	6.339	6.334	0.005	63	1488021	500.0	463.0	
70 Dichlorobromomethane	83	6.484	6.484	0.000	96	3787330	500.0	490.1	
72 2-Chloroethyl vinyl ether	63	6.826	6.821	0.005	73	1319798	500.0	608.1	
71 2-Nitropropane	41	6.826	6.827	0.000	80	1027236	1000.0	987.9	
73 Epichlorohydrin	57	6.939	6.934	0.005	100	4042387	10000	10234	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	92	4394867	500.0	530.0	
75 4-Methyl-2-pentanone (MIBK	43	7.163	7.164	-0.001	97	10204948	2500.0	2573.4	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	922756	50.0	51.1	
77 Toluene	91	7.329	7.324	0.005	94	12241675	500.0	488.4	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	95	3450198	500.0	533.1	
82 Ethyl methacrylate	69	7.698	7.699	0.000	89	2796074	500.0	575.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.885	7.886	-0.001	96	1746212	500.0	470.2	
80 Tetrachloroethene	166	7.944	7.939	0.005	97	3190320	500.0	484.4	
81 1,3-Dichloropropane	76	8.099	8.100	-0.001	95	3416672	500.0	496.7	
83 2-Hexanone	43	8.164	8.164	0.000	97	7212005	2500.0	2723.3	
85 n-Butyl acetate	43	8.276	8.276	0.000	99	2921000	500.0	548.2	
84 Chlorodibromomethane	129	8.335	8.330	0.005	98	2585339	500.0	486.7	
86 Ethylene Dibromide	107	8.495	8.496	-0.001	99	2077520	500.0	488.5	
* 87 Chlorobenzene-d5	117	9.046	9.047	-0.001	88	598436	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	94	7836882	500.0	492.8	
89 Ethylbenzene	106	9.185	9.180	0.005	99	4443878	500.0	515.4	
90 1,1,1,2-Tetrachloroethane	131	9.196	9.191	0.005	95	2903044	500.0	489.1	
91 m-Xylene & p-Xylene	106	9.325	9.319	0.006	97	5420095	500.0	542.7	
93 n-Butyl acrylate	73	9.715	9.715	0.000	97	1747169	500.0	499.8	
92 o-Xylene	106	9.736	9.737	-0.001	93	5300686	500.0	524.2	
94 Styrene	104	9.763	9.764	-0.001	95	8583586	500.0	527.4	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	89	3805198	500.0	579.1	
97 Bromoform	173	9.950	9.951	-0.001	96	1678177	500.0	483.0	
98 Isopropylbenzene	105	10.057	10.063	-0.006	98	13376598	500.0	496.6	
$ 99 4-Bromofluorobenzene	174	10.234	10.229	0.005	87	283322	50.0	53.8	
95 Camphene	41	10.255	10.250	0.005	96	1371284	500.0	543.6	
100 Bromobenzene	156	10.346	10.347	-0.001	98	3301309	500.0	492.4	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	99	2792399	500.0	475.9	
102 N-Propylbenzene	91	10.400	10.400	0.000	97	13707219	500.0	407.1	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	96	660278	500.0	459.7	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	84	765706	500.0	477.4	
105 2-Chlorotoluene	91	10.491	10.491	0.000	97	11159644	500.0	481.9	
143 4-Ethyltoluene	105	10.491	10.491	0.000	97	12627924	500.0	454.6	
106 1,3,5-Trimethylbenzene	105	10.544	10.545	-0.001	96	11192700	500.0	491.0	
107 4-Chlorotoluene	91	10.582	10.577	0.005	97	10021205	500.0	497.6	
108 Butyl Methacrylate	87	10.614	10.614	0.000	91	3658505	500.0	499.9	
109 tert-Butylbenzene	119	10.774	10.775	-0.001	94	10286196	500.0	558.4	
110 1,2,4-Trimethylbenzene	105	10.817	10.817	0.000	98	11162084	500.0	486.4	
113 sec-Butylbenzene	105	10.929	10.930	-0.001	94	13042821	500.0	430.5	M
114 4-Isopropyltoluene	119	11.026	11.031	-0.005	93	11704453	500.0	457.4	
115 1,3-Dichlorobenzene	146	11.036	11.031	0.005	94	5990750	500.0	444.3	
* 116 1,4-Dichlorobenzene-d4	152	11.085	11.085	0.000	48	314101	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.101	11.096	0.005	94	6228342	500.0	460.1	
118 Benzyl chloride	91	11.197	11.197	0.000	99	5219274	500.0	548.7	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	96	10692163	500.0	475.0	
133 p-Diethylbenzene	119	11.283	11.277	0.006	91	8576287	500.0	522.9	
120 n-Butylbenzene	91	11.293	11.294	-0.001	93	13650196	500.0	424.8	
121 1,2-Dichlorobenzene	146	11.347	11.347	0.000	96	6063069	500.0	475.9	
132 1,2,4,5-Tetramethylbenzene	119	11.764	11.764	0.000	97	11184408	500.0	505.5	
122 1,2-Dibromo-3-Chloropropan	75	11.844	11.839	0.005	96	531406	500.0	511.1	
145 1,3,5-Trichlorobenzene	180	11.935	11.925	0.010	98	5874259	500.0	494.1	
123 Camphor	95	12.283	12.278	0.005	93	1441513	2500.0	2499.1	
124 1,2,4-Trichlorobenzene	180	12.342	12.337	0.005	94	5016034	500.0	485.9	
126 Hexachlorobutadiene	225	12.411	12.406	0.005	94	3180235	500.0	519.0	
127 Naphthalene	128	12.524	12.519	0.005	99	9904424	500.0	518.5	
128 1,2,3-Trichlorobenzene	180	12.690	12.684	0.006	96	4685645	500.0	481.8	
S 130 1,2-Dichloroethene, Total	100				0			983.9	
S 131 Xylenes, Total	100				0		1000.0	1066.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			2549.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00019	Amount Added:	6.00	Units: uL	
8260MIX1COMB_00004	Amount Added:	50.00	Units: uL	
GASES Li_00058	Amount Added:	50.00	Units: uL	
8260 INTSTD C_00040	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00040	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Jun-2014 18:10:01 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28247.D

Injection Date: 16-Jun-2014 14:50:30 Instrument ID: CVOAMS9 Operator ID:

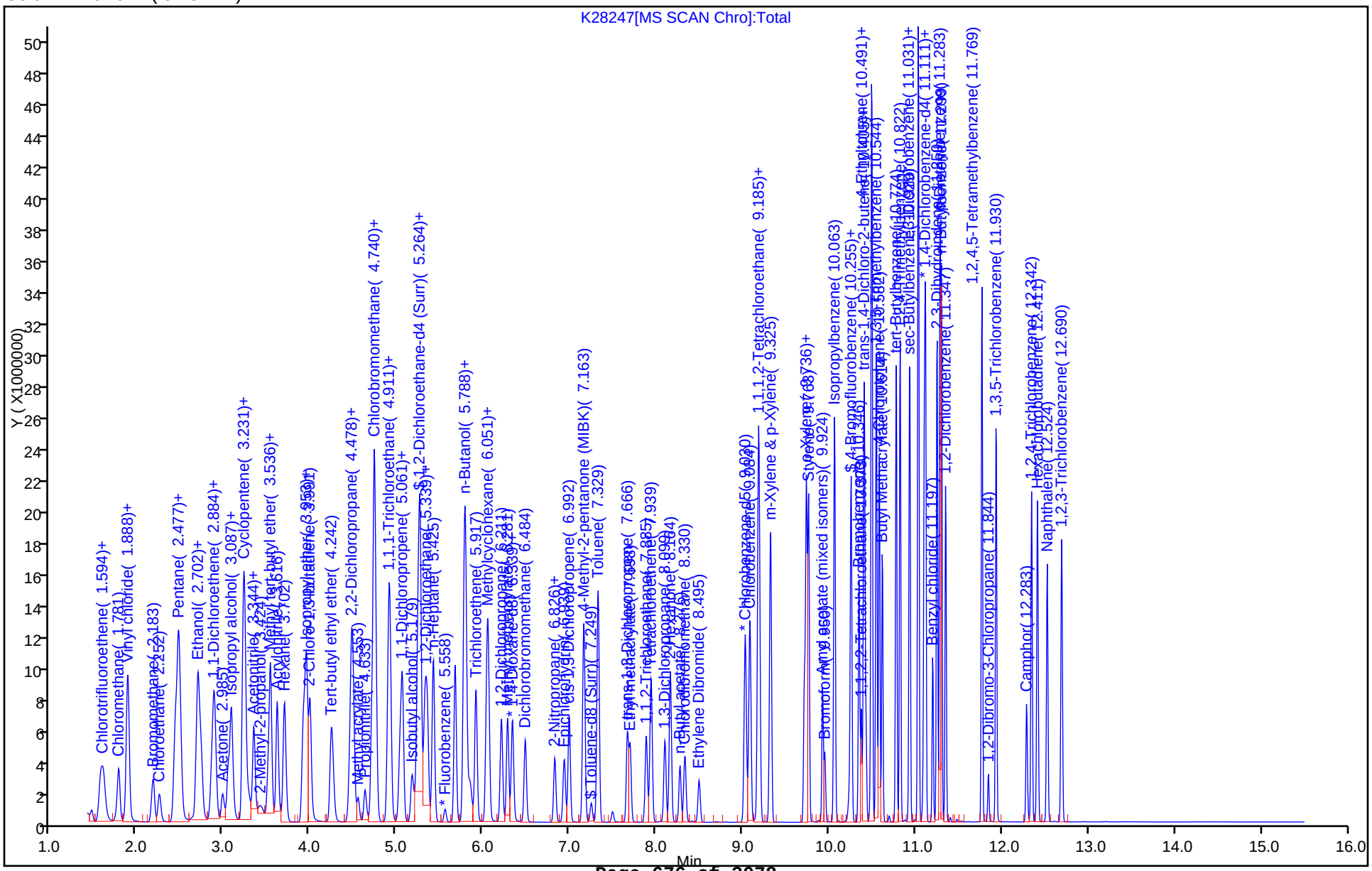
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

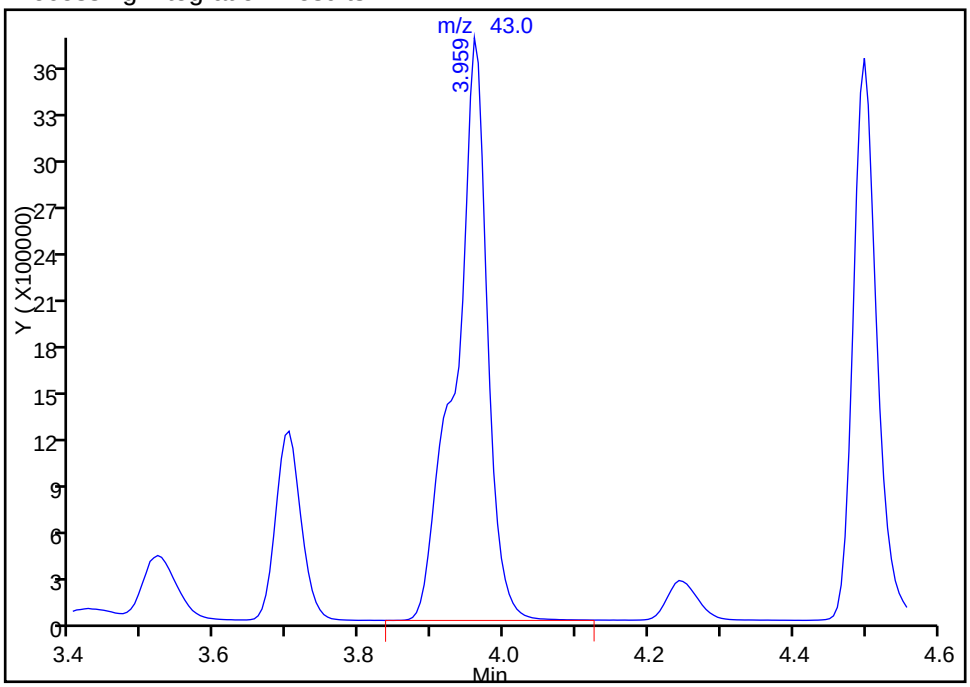
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28247.D
Injection Date: 16-Jun-2014 14:50:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Vinyl acetate, CAS: 108-05-4

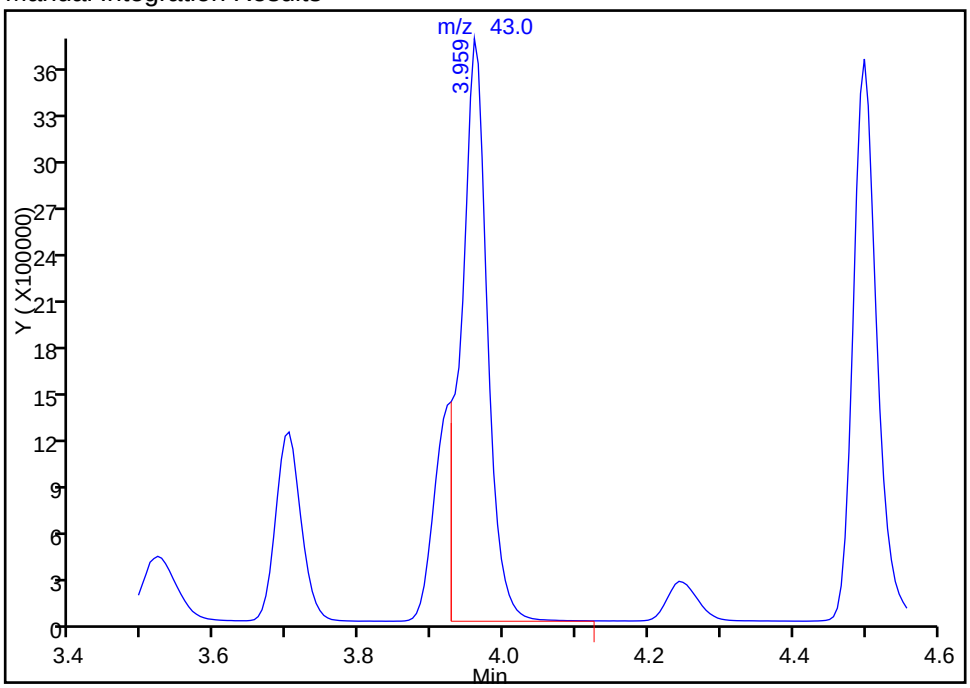
Processing Integration Results

RT: 3.96
Response: 11434921
Amount: 999.5351



Manual Integration Results

RT: 3.96
Response: 9442252
Amount: 1094.9094



Reviewer: baronm, 17-Jun-2014 18:07:50
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

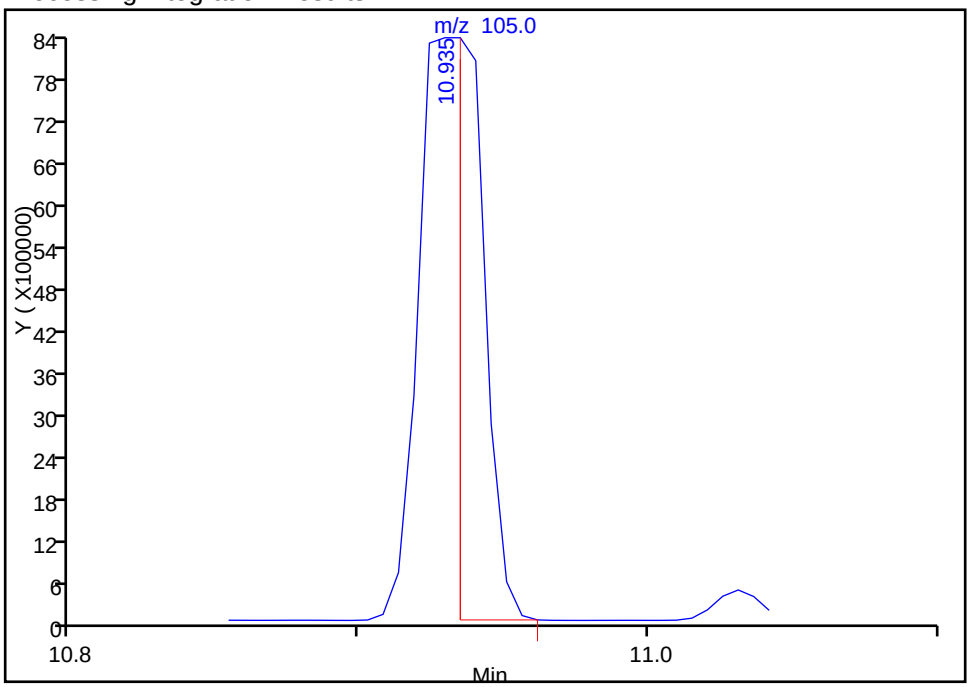
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28247.D
Injection Date: 16-Jun-2014 14:50:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

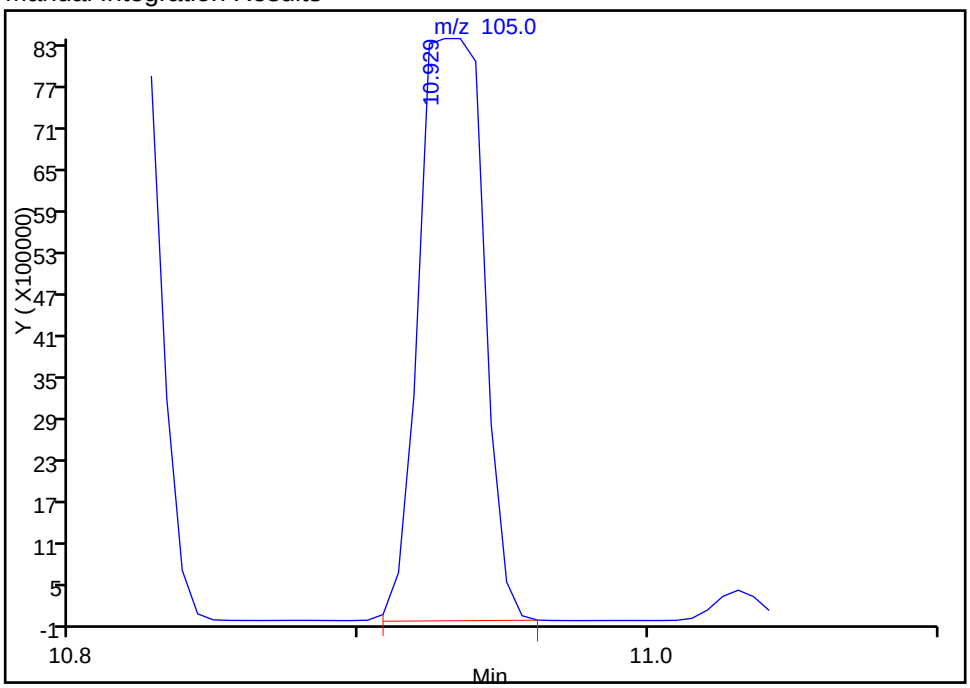
Processing Integration Results

RT: 10.93
Response: 6376866
Amount: 500.3211



Manual Integration Results

RT: 10.93
Response: 13042821
Amount: 430.4608



Reviewer: tupayachia, 16-Jun-2014 15:16:18
Audit Action: Manually Integrated
Audit Reason: Baseline

Report Date: 17-Jun-2014 18:48:44 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Jun-2014 16:51:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0014635-013
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 18:48:43 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 17-Jun-2014 18:48:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.573	1.573	0.000	62	2106	1.00	1.29	
1 Dichlorodifluoromethane	85	1.605	1.605	0.000	73	9754	1.00	1.07	
2 Chloromethane	50	1.771	1.771	0.000	85	9342	1.00	1.15	
4 Vinyl chloride	62	1.867	1.878	-0.011	73	9091	1.00	1.13	
149 Butadiene	54	1.878	1.878	0.000	87	6684	1.00	1.07	
6 Bromomethane	94	2.172	2.178	-0.006	94	5582	1.00	1.25	
7 Chloroethane	64	2.247	2.247	0.000	85	4464	1.00	1.24	
9 Dichlorofluoromethane	67	2.434	2.434	0.000	85	13586	1.00	1.25	
8 Trichlorofluoromethane	101	2.440	2.445	-0.005	64	13300	1.00	1.40	
10 Pentane	72	2.467	2.472	-0.005	94	2342	2.00	2.56	
11 Ethanol	46	2.681	2.664	0.017	53	1632	50.0	80.9	M
13 Ethyl ether	59	2.675	2.675	0.000	86	4337	1.00	1.40	
14 2-Methyl-1,3-butadiene	53	2.697	2.697	0.000	86	5469	1.00	1.15	
15 1,2-Dichloro-1,1,2-trifluo	117	2.723	2.723	0.000	77	4927	1.00	1.18	
17 Acrolein	56	2.852	2.857	-0.005	94	17523	100.0	112.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.868	2.862	0.006	55	6407	1.00	1.11	
18 1,1-Dichloroethene	96	2.895	2.889	0.006	87	5614	1.00	1.18	M
19 Acetone	43	2.975	2.980	-0.005	79	14283	5.00	11.7	
20 Iodomethane	142	3.050	3.044	0.006	96	9813	1.00	1.17	
34 Isopropyl alcohol	45	3.060	3.076	-0.016	44	4273	10.0	16.5	
21 Carbon disulfide	76	3.082	3.082	0.000	99	23389	1.00	1.17	
147 3-Chloro-1-propene	76	3.210	3.215	-0.005	88	3109	1.00	1.12	
23 Methyl acetate	43	3.232	3.226	0.006	96	14196	5.00	5.69	
22 Cyclopentene	67	3.237	3.237	0.000	75	12898	1.00	0.9474	
24 Acetonitrile	41	3.280	3.285	-0.005	85	6287	10.0	12.2	M
25 Methylene Chloride	84	3.344	3.344	0.000	34	6228	1.00	1.25	
* 151 TBA-d9 (IS)	65	3.339	3.349	-0.010	41	283163	1000.0	1000.0	
26 2-Methyl-2-propanol	59	3.419	3.419	0.000	41	7683	10.0	21.2	
27 Methyl tert-butyl ether	73	3.526	3.515	0.011	93	10827	1.00	1.08	
29 trans-1,2-Dichloroethene	96	3.536	3.536	0.000	90	5511	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.611	3.611	0.000	97	13204	10.0	11.8	
32 Hexane	43	3.692	3.697	-0.005	93	5318	1.00	1.12	
35 Isopropyl ether	45	3.916	3.916	0.000	94	14769	1.00	1.09	
38 Allyl alcohol	57	3.948	3.948	0.000	24	1899	25.0	29.0	
36 1,1-Dichloroethane	63	3.948	3.948	0.000	87	10123	1.00	1.12	
37 Vinyl acetate	43	3.954	3.959	-0.005	100	11278	2.00	1.68	
33 2-Chloro-1,3-butadiene	88	3.991	3.991	0.000	87	3543	1.00	0.8840	
40 Tert-butyl ethyl ether	59	4.243	4.243	0.000	87	12079	1.00	1.07	
41 2,2-Dichloropropane	77	4.462	4.457	0.005	76	8135	1.00	1.07	
42 cis-1,2-Dichloroethene	96	4.473	4.478	-0.005	84	5393	1.00	1.10	
43 2-Butanone (MEK)	72	4.489	4.494	-0.005	89	1960	5.00	5.47	
44 Ethyl acetate	43	4.494	4.494	0.000	94	14194	2.00	2.26	
39 Methyl acrylate	55	4.548	4.553	-0.005	80	2698	1.00	1.03	
48 Propionitrile	54	4.633	4.628	0.005	93	5544	10.0	12.5	
46 Chlorobromomethane	128	4.703	4.708	-0.005	70	2668	1.00	1.23	
45 Tetrahydrofuran	42	4.724	4.719	0.005	27	3033	2.00	2.47	
31 Methacrylonitrile	67	4.729	4.735	-0.006	94	12164	10.0	10.0	
47 Chloroform	83	4.756	4.756	0.000	89	9451	1.00	1.14	
49 Cyclohexane	56	4.895	4.906	-0.011	84	8246	1.00	0.9112	
$ 152 Dibromofluoromethane (Surr	113	4.911	4.911	0.000	96	187916	50.0	51.7	
50 1,1,1-Trichloroethane	97	4.911	4.917	-0.006	31	8663	1.00	1.10	
51 Carbon tetrachloride	117	5.040	5.040	0.000	88	7430	1.00	1.07	
52 1,1-Dichloropropene	75	5.061	5.066	-0.005	92	6002	1.00	0.99	
56 Isobutyl alcohol	43	5.173	5.179	-0.006	64	4167	25.0	29.4	
53 Benzene	78	5.259	5.264	-0.005	47	20136	1.00	1.13	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.275	0.000	89	177793	50.0	48.4	
57 Isopropyl acetate	43	5.318	5.318	0.000	90	8915	1.00	0.9672	
142 Tert-amyl methyl ether	73	5.329	5.334	-0.005	86	10344	1.00	1.00	
55 1,2-Dichloroethane	62	5.350	5.355	-0.005	78	5743	1.00	1.13	
58 n-Heptane	57	5.420	5.425	-0.005	83	3525	1.00	0.8435	
* 59 Fluorobenzene	96	5.553	5.559	-0.006	99	626227	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.778	5.778	0.000	90	21786	2.00	1.59	
62 n-Butanol	56	5.848	5.842	0.006	82	2681	25.0	25.6	
61 Trichloroethene	95	5.912	5.912	0.000	89	5130	1.00	1.04	
64 Ethyl acrylate	55	6.045	6.040	0.005	74	10128	1.00	0.9118	
63 Methylcyclohexane	83	6.051	6.051	0.000	90	7502	1.00	0.8609	
65 1,2-Dichloropropane	63	6.211	6.206	0.005	78	5062	1.00	1.11	
* 150 1,4-Dioxane-d8	96	6.254	6.259	-0.005	94	24246	1000.0	1000.0	
66 Methyl methacrylate	41	6.276	6.275	0.001	81	5221	2.00	2.00	
67 1,4-Dioxane	88	6.318	6.324	-0.006	28	811	20.0	22.6	
69 n-Propyl acetate	43	6.334	6.334	0.000	86	4450	1.00	1.01	
68 Dibromomethane	93	6.329	6.334	-0.005	81	3184	1.00	1.28	
70 Dichlorobromomethane	83	6.479	6.484	-0.005	91	6654	1.00	1.11	
72 2-Chloroethyl vinyl ether	63	6.821	6.821	0.000	52	1501	1.00	0.8908	
71 2-Nitropropane	41	6.821	6.827	-0.005	95	2020	2.00	2.50	
73 Epichlorohydrin	57	6.928	6.934	-0.006	93	6373	20.0	22.5	
74 cis-1,3-Dichloropropene	75	6.987	6.992	-0.005	91	6316	1.00	1.06	
75 4-Methyl-2-pentanone (MIBK	43	7.164	7.164	0.000	92	14059	5.00	4.95	
$ 76 Toluene-d8 (Surr)	98	7.244	7.249	-0.005	98	638843	50.0	49.4	
77 Toluene	91	7.319	7.324	-0.005	92	19835	1.00	1.10	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	82	5170	1.00	1.12	
82 Ethyl methacrylate	69	7.688	7.699	-0.010	71	3414	1.00	0.9810	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.886	7.886	0.000	84	3257	1.00	1.22	
80 Tetrachloroethene	166	7.934	7.939	-0.005	88	5065	1.00	1.07	
81 1,3-Dichloropropane	76	8.094	8.100	-0.006	73	5640	1.00	1.14	
83 2-Hexanone	43	8.159	8.164	-0.005	95	9039	5.00	4.77	
85 n-Butyl acetate	43	8.276	8.276	0.000	91	6730	1.00	1.75	
84 Chlorodibromomethane	129	8.330	8.330	0.000	91	4457	1.00	1.17	
86 Ethylene Dibromide	107	8.490	8.496	-0.006	79	3838	1.00	1.26	
* 87 Chlorobenzene-d5	117	9.047	9.047	0.000	84	428569	50.0	50.0	
88 Chlorobenzene	112	9.079	9.084	-0.005	85	13159	1.00	1.16	
89 Ethylbenzene	106	9.180	9.180	0.000	98	6260	1.00	1.01	
90 1,1,1,2-Tetrachloroethane	131	9.186	9.191	-0.005	44	4959	1.00	1.17	
91 m-Xylene & p-Xylene	106	9.320	9.319	0.001	96	6474	1.00	0.9052	
93 n-Butyl acrylate	73	9.710	9.715	-0.005	89	3283	1.00	1.53	
92 o-Xylene	106	9.737	9.737	0.000	77	6860	1.00	0.9472	
94 Styrene	104	9.758	9.764	-0.006	92	11077	1.00	0.9504	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	82	4383	1.00	0.9260	
97 Bromoform	173	9.951	9.951	0.000	88	3005	1.00	1.21	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	16237	1.00	0.8418	
$ 99 4-Bromofluorobenzene	174	10.229	10.229	0.000	90	181402	50.0	48.1	
95 Camphene	41	10.250	10.250	0.000	74	1744	1.00	0.9654	
100 Bromobenzene	156	10.347	10.347	0.000	90	5530	1.00	1.15	
101 1,1,2,2-Tetrachloroethane	83	10.368	10.373	-0.005	82	4984	1.00	1.18	
102 N-Propylbenzene	91	10.400	10.400	0.000	98	22510	1.00	0.9281	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	88	1273	1.00	1.23	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	80	1536	1.00	1.33	
105 2-Chlorotoluene	91	10.491	10.491	0.000	93	16054	1.00	0.9623	
143 4-Ethyltoluene	105	10.491	10.491	0.000	88	17097	1.00	0.8545	
106 1,3,5-Trimethylbenzene	105	10.545	10.545	0.000	81	13693	1.00	0.8338	
107 4-Chlorotoluene	91	10.577	10.577	0.000	94	14279	1.00	0.9843	
108 Butyl Methacrylate	87	10.614	10.614	0.000	90	3390	1.00	0.6930	
109 tert-Butylbenzene	119	10.775	10.775	0.000	86	10499	1.00	0.7911	
110 1,2,4-Trimethylbenzene	105	10.817	10.817	0.000	95	13730	1.00	0.8305	
113 sec-Butylbenzene	105	10.930	10.930	0.000	97	17604	1.00	0.8065	
114 4-Isopropyltoluene	119	11.026	11.031	-0.005	93	15073	1.00	0.8178	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	86	11268	1.00	1.16	
* 116 1,4-Dichlorobenzene-d4	152	11.085	11.085	0.000	95	226268	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.096	11.096	0.000	73	12029	1.00	1.23	
118 Benzyl chloride	91	11.197	11.197	0.000	96	6725	1.00	0.9815	
119 2,3-Dihydroindene	117	11.245	11.245	0.000	88	15376	1.00	0.9483	
133 p-Diethylbenzene	119	11.283	11.277	0.006	89	9711	1.00	0.8219	
120 n-Butylbenzene	91	11.299	11.294	0.005	97	19435	1.00	0.8397	
121 1,2-Dichlorobenzene	146	11.347	11.347	0.000	94	10379	1.00	1.13	
132 1,2,4,5-Tetramethylbenzene	119	11.764	11.764	0.000	95	13260	1.00	0.8319	
122 1,2-Dibromo-3-Chloropropan	75	11.839	11.839	0.000	69	1419	1.00	1.93	
145 1,3,5-Trichlorobenzene	180	11.930	11.925	0.005	96	9601	1.00	1.12	
123 Camphor	95	12.278	12.278	0.000	71	2043	5.00	5.81	
124 1,2,4-Trichlorobenzene	180	12.342	12.337	0.005	87	9015	1.00	1.21	
126 Hexachlorobutadiene	225	12.406	12.406	0.000	83	4744	1.00	1.07	
127 Naphthalene	128	12.519	12.519	0.000	98	16375	1.00	1.19	
128 1,2,3-Trichlorobenzene	180	12.690	12.684	0.006	91	9101	1.00	1.30	
S 130 1,2-Dichloroethene, Total	100				0			2.23	
S 131 Xylenes, Total	100				0		2.00	1.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			5.11	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00004	Amount Added: 1.00	Units: uL		
ACROLEIN W_00019	Amount Added: 10.00	Units: uL		
GASES Li_00058	Amount Added: 1.00	Units: uL		
8260 INTSTD C_00040	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00040	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Jun-2014 18:48:44 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Injection Date: 16-Jun-2014 16:51:30 Instrument ID: CVOAMS9 Operator ID:

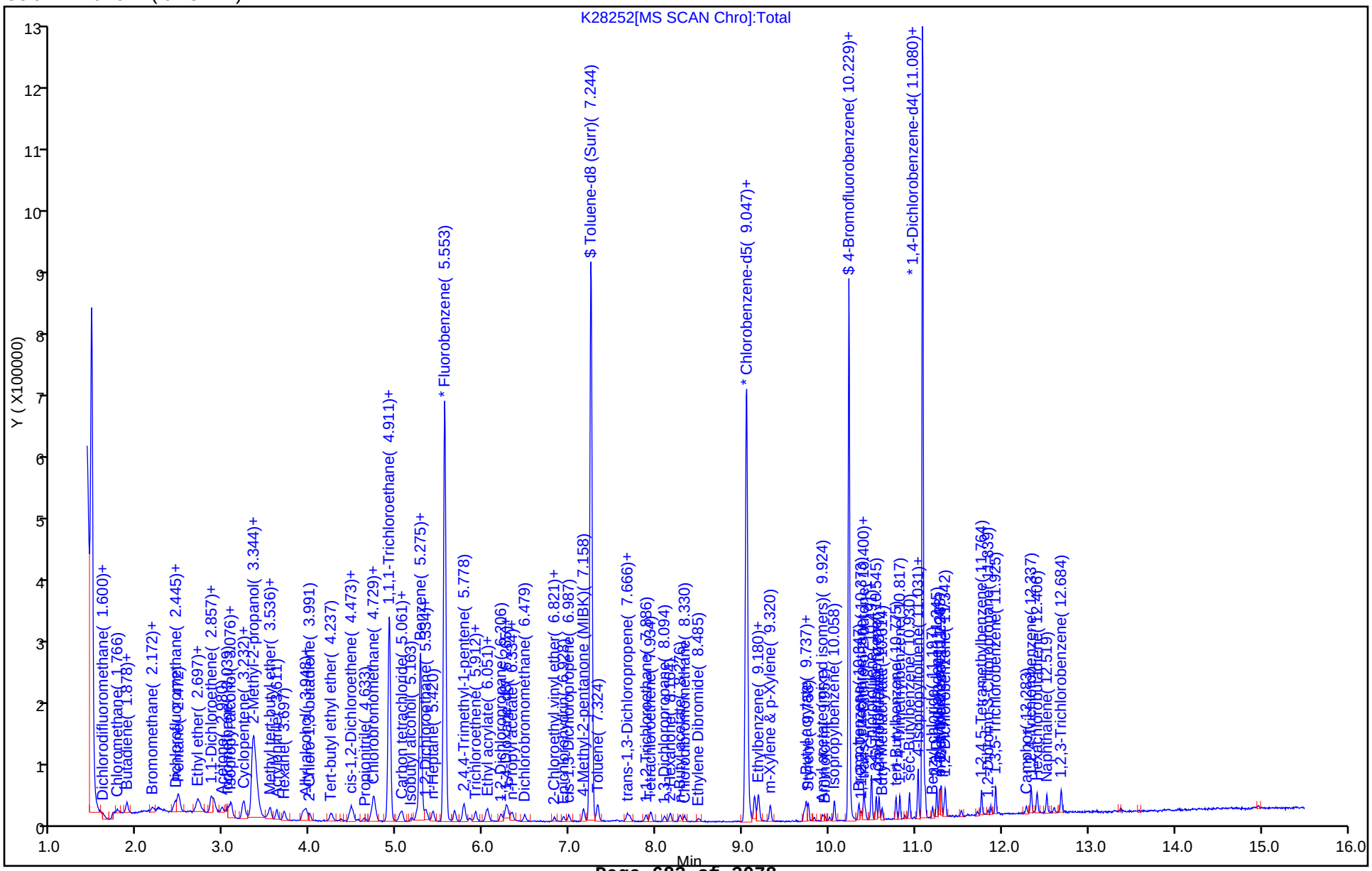
Lims ID: STD1 Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

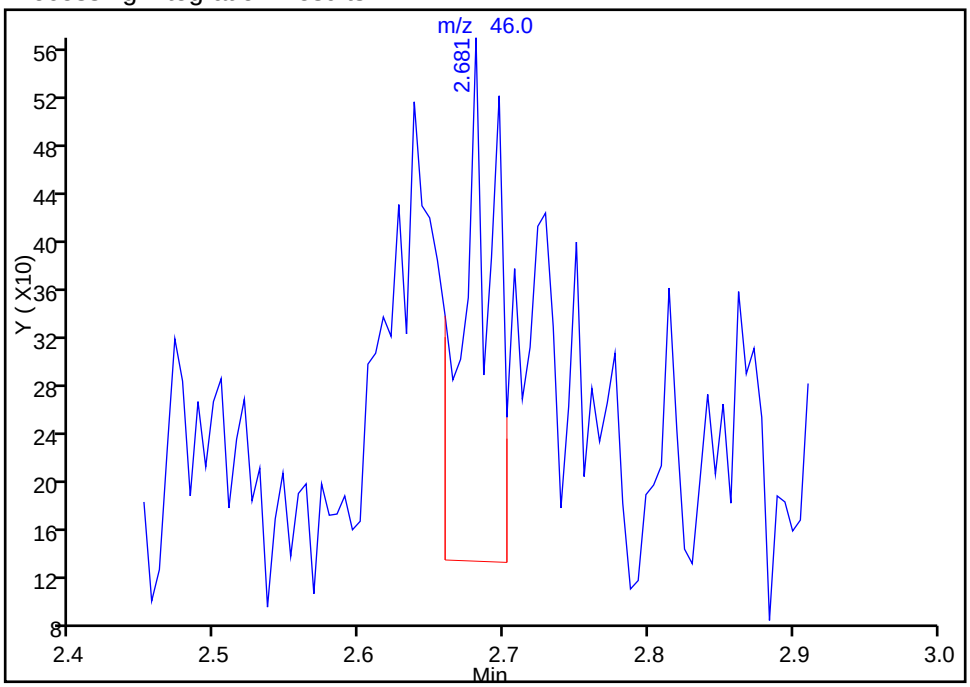
TestAmerica Edison

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Injection Date: 16-Jun-2014 16:51:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethanol, CAS: 64-17-5

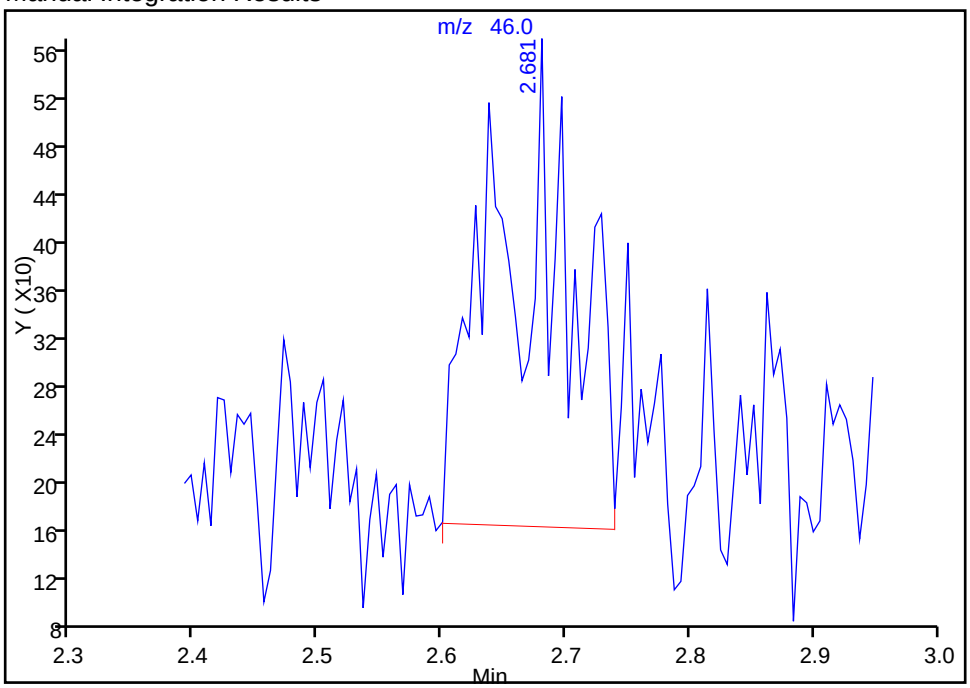
Processing Integration Results

RT: 2.68
Response: 668
Amount: 33.960014



Manual Integration Results

RT: 2.68
Response: 1632
Amount: 80.947477



Reviewer: baronm, 17-Jun-2014 18:13:49
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

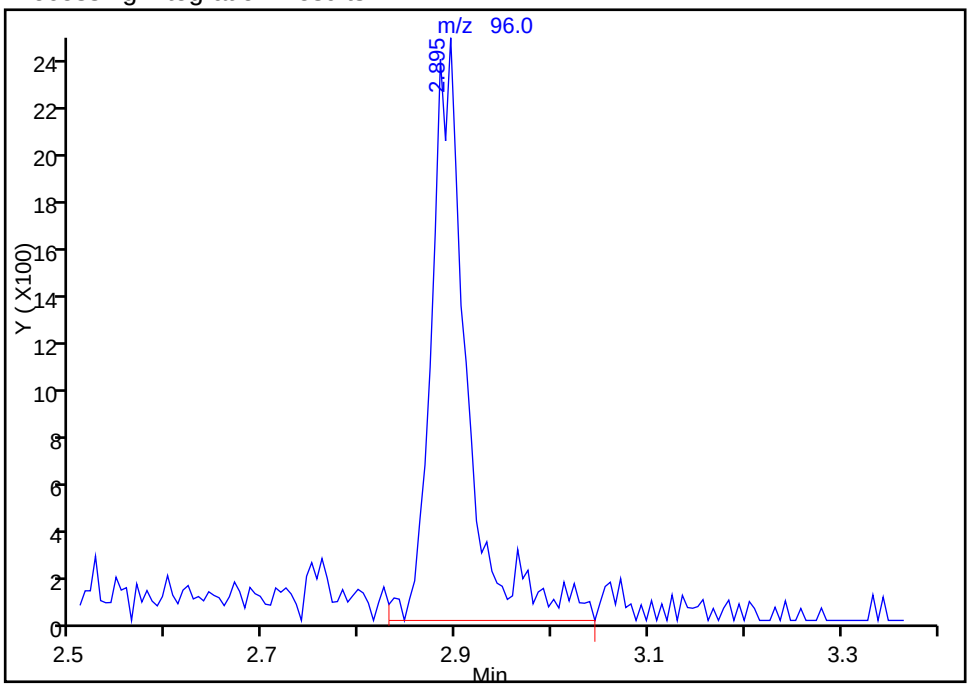
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D
Injection Date: 16-Jun-2014 16:51:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

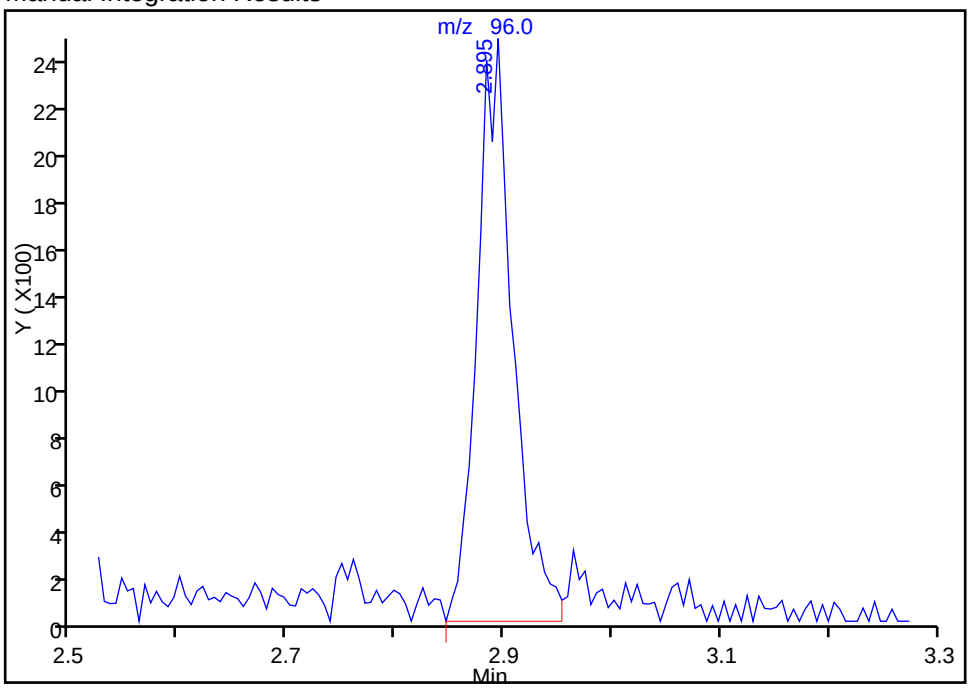
Processing Integration Results

RT: 2.89
Response: 6312
Amount: 1.003414



Manual Integration Results

RT: 2.89
Response: 5614
Amount: 1.178110



Reviewer: baronm, 17-Jun-2014 18:13:49
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

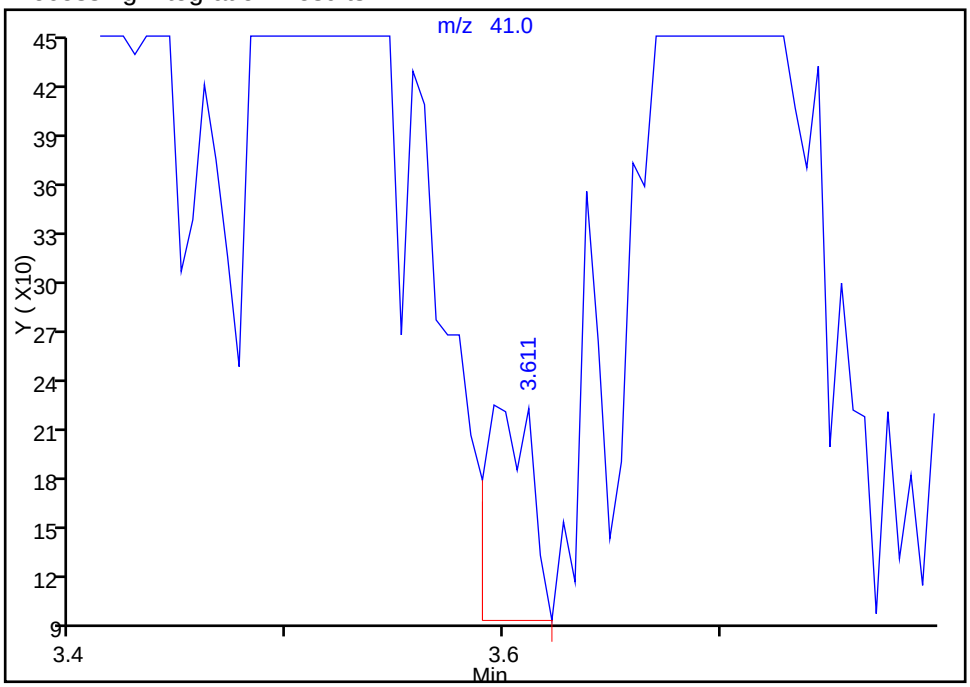
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D
Injection Date: 16-Jun-2014 16:51:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

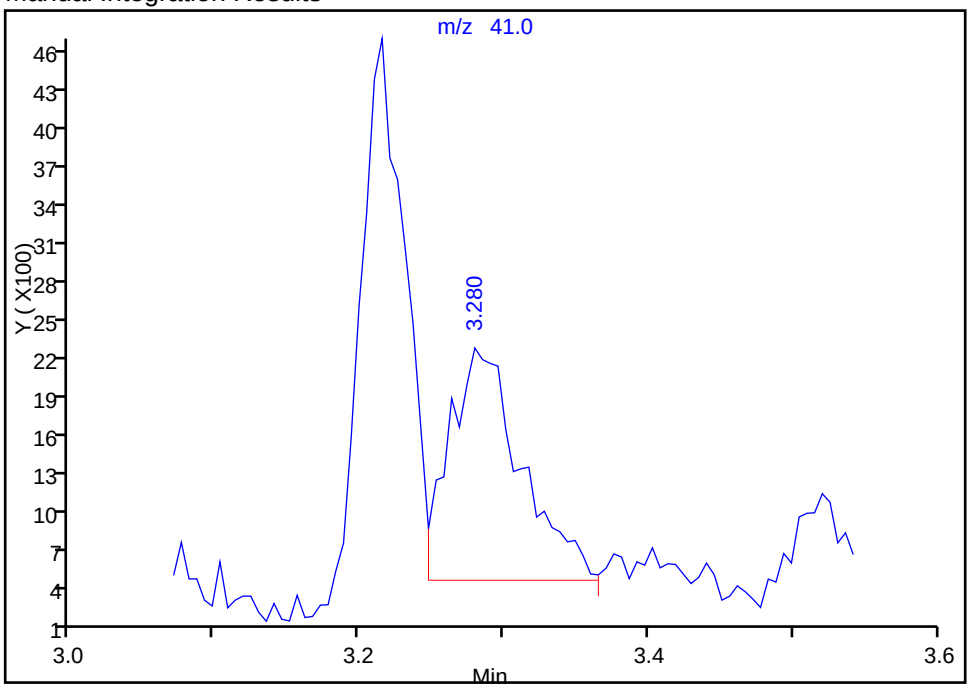
Processing Integration Results

RT: 3.61
Response: 191
Amount: -23.101962



Manual Integration Results

RT: 3.28
Response: 6287
Amount: 12.204752



Reviewer: baronm, 17-Jun-2014 18:13:49
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232261/3 Calibration Date: 06/23/2014 08:16

Instrument ID: CVOAMS1 Calib Start Date: 05/23/2014 20:56

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2014 00:40

Lab File ID: A05239.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
Chlorotrifluoroethene	Ave	0.1150	0.1115		19.4	20.0	-3.1	20.0
Dichlorodifluoromethane	Ave	0.6430	0.6227	0.1000	19.4	20.0	-3.1	20.0
Chloromethane	Ave	0.7779	0.8507	0.1000	21.9	20.0	9.4	20.0
Vinyl chloride	Ave	0.6738	0.6923	0.1000	20.5	20.0	2.7	20.0
Butadiene	Ave	0.6354	0.6840		21.5	20.0	7.6	50.0
Bromomethane	Ave	0.3314	0.3198	0.1000	19.3	20.0	-3.5	20.0
Chloroethane	Ave	0.3774	0.3637	0.1000	19.3	20.0	-3.6	20.0
Dichlorofluoromethane	Ave	0.9162	0.9121		19.9	20.0	-0.5	20.0
Trichlorofluoromethane	Ave	0.6045	0.5919	0.1000	19.6	20.0	-2.1	20.0
Pentane	Ave	0.0812	0.0843		41.5	40.0	3.8	20.0
Ethyl ether	Ave	0.3980	0.3890		19.5	20.0	-2.3	20.0
Ethanol	QuaF		0.0450		1220	1000	21.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.7094	0.7236		20.4	20.0	2.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2827	0.2714		19.2	20.0	-4.0	20.0
Acrolein	Ave	1.556	0.4816		12.4	40.0	-69.0*	20.0
Freon TF	Ave	0.3423	0.3542	0.1000	20.7	20.0	3.5	20.0
1,1-Dichloroethene	Ave	0.3506	0.3374	0.1000	19.2	20.0	-3.8	20.0
Acetone	Ave	0.1890	0.2184	0.1000	116	100	15.5	20.0
Iodomethane	Ave	16.11	13.50		16.8	20.0	-16.2	20.0
Carbon disulfide	Ave	1.364	1.288	0.1000	18.9	20.0	-5.6	20.0
Isopropyl alcohol	QuaF		0.9815		373	200	86.5*	20.0
Allyl chloride	Ave	0.2419	0.2260		18.7	20.0	-6.6	50.0
Cyclopentene	Ave	1.158	1.135		19.6	20.0	-2.0	20.0
Methyl acetate	Ave	0.4218	0.4659	0.1000	110	100	10.4	20.0
Acetonitrile	Ave	1.820	2.347		258	200	28.9*	20.0
Methylene Chloride	Ave	0.4167	0.3922	0.1000	18.8	20.0	-5.9	20.0
2-Methyl-2-propanol	QuaF		1.263		285	200	42.7*	20.0
MTBE	Ave	1.171	1.117	0.1000	19.1	20.0	-4.6	20.0
trans-1,2-Dichloroethene	Ave	0.3644	0.3479	0.1000	19.1	20.0	-4.5	20.0
Acrylonitrile	Ave	0.1802	0.1986		220	200	10.2	20.0
Hexane	Ave	0.4307	0.5087		23.6	20.0	18.1	20.0
Isopropyl ether	Ave	1.533	1.562		20.4	20.0	1.9	20.0
1,1-Dichloroethane	Ave	0.7514	0.7590	0.2000	20.2	20.0	1.0	20.0
Vinyl acetate	QuaF		1.114		47.9	40.0	19.8	20.0
2-Chloro-1,3-butadiene	Ave	0.3170	0.3136		19.8	20.0	-1.1	20.0
Tert-butyl ethyl ether	Ave	1.300	1.224		18.8	20.0	-5.9	20.0
2,2-Dichloropropane	Ave	0.5562	0.5146		18.5	20.0	-7.5	20.0
cis-1,2-Dichloroethene	Ave	0.3838	0.3586	0.1000	18.7	20.0	-6.6	20.0
Ethyl acetate	Ave	0.0363	0.0366		40.3	40.0	0.8	20.0
2-Butanone	Ave	1.417	1.326	0.1000	93.6	100	-6.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232261/3 Calibration Date: 06/23/2014 08:16

Instrument ID: CVOAMS1 Calib Start Date: 05/23/2014 20:56

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2014 00:40

Lab File ID: A05239.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
Allyl alcohol	QuaF		0.1060		443	500	-11.4	20.0
Methyl acrylate	Ave	0.3607	0.3971		22.0	20.0	10.1	20.0
Propionitrile	Ave	0.0586	0.0674		230	200	15.1	20.0
Bromochloromethane	Ave	0.1618	0.1530		18.9	20.0	-5.4	20.0
Tetrahydrofuran	Ave	5.798	5.973		41.2	40.0	3.0	20.0
Methacrylonitrile	Ave	0.1645	0.1776		216	200	7.9	20.0
Chloroform	Ave	0.6285	0.6147	0.2000	19.6	20.0	-2.2	20.0
Cyclohexane	Ave	0.7447	0.8249	0.1000	22.2	20.0	10.8	20.0
1,1,1-Trichloroethane	Ave	0.5081	0.4847	0.1000	19.1	20.0	-4.6	20.0
Carbon tetrachloride	Ave	0.3947	0.3640	0.1000	18.4	20.0	-7.8	20.0
1,1-Dichloropropene	Ave	0.4732	0.4699		19.9	20.0	-0.7	20.0
Isobutyl alcohol	QuaF		0.9604		1270	500	153.7*	20.0
2,2,4-Trimethylpentane	Ave	1.371	1.666		24.3	20.0	21.5	50.0
Benzene	Ave	2.339	2.431	0.5000	20.8	20.0	3.9	20.0
Isopropyl acetate	Ave	1.386	1.504		21.7	20.0	8.5	20.0
Tert-amyl methyl ether	Ave	1.209	1.147		19.0	20.0	-5.1	20.0
1,2-Dichloroethane	Ave	0.5269	0.5230	0.1000	19.9	20.0	-0.7	20.0
n-Heptane	Ave	0.2842	0.3946		27.8	20.0	38.8*	20.0
2,4,4-Trimethyl-1-pentene	QuaF		1.211		38.4	40.0	-3.9	20.0
n-Butanol	Ave	0.2639	0.2943		558	500	11.5	20.0
Trichloroethene	Ave	0.3344	0.3253	0.2000	19.5	20.0	-2.7	20.0
Ethyl acrylate	Ave	0.997	1.144		22.9	20.0	14.7	20.0
Methylcyclohexane	Ave	0.5883	0.6652	0.1000	22.6	20.0	13.1	20.0
1,2-Dichloropropane	Ave	0.3974	0.3963	0.1000	19.9	20.0	-0.3	20.0
Methyl methacrylate	Ave	0.0805	0.0810		40.3	40.0	0.7	20.0
n-Propyl acetate	Ave	0.5615	0.6261		22.3	20.0	11.5	20.0
1,4-Dioxane	QuaF		1.063		466	400	16.6	20.0
Dibromomethane	Ave	0.2037	0.1984		19.5	20.0	-2.6	20.0
Bromodichloromethane	Ave	0.4354	0.4270	0.2000	19.6	20.0	-1.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1931	0.2011		20.8	20.0	4.1	20.0
2-Nitropropane	Ave	0.0908	0.1006		44.3	40.0	10.9	20.0
Epichlorohydrin	Ave	0.0523	0.0622		476	400	19.0	20.0
cis-1,3-Dichloropropene	Ave	0.8282	0.8518	0.2000	20.6	20.0	2.8	20.0
4-Methyl-2-pentanone	Ave	0.6703	0.8294	0.1000	124	100	23.7*	20.0
Toluene	Ave	2.171	2.215	0.4000	20.4	20.0	2.0	20.0
trans-1,3-Dichloropropene	Ave	0.6876	0.6838	0.1000	19.9	20.0	-0.6	20.0
Ethyl methacrylate	Ave	0.4576	0.4364		19.1	20.0	-4.6	20.0
1,1,2-Trichloroethane	Ave	0.3790	0.4092	0.1000	21.6	20.0	8.0	20.0
Tetrachloroethene	Ave	0.4131	0.4210	0.2000	20.4	20.0	1.9	20.0
1,3-Dichloropropane	Ave	0.7847	0.8216		20.9	20.0	4.7	20.0
2-Hexanone	Ave	0.4213	0.5113	0.1000	121	100	21.4*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232261/3 Calibration Date: 06/23/2014 08:16

Instrument ID: CVOAMS1 Calib Start Date: 05/23/2014 20:56

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2014 00:40

Lab File ID: A05239.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
n-Butyl acetate	Ave	0.1328	0.1347		20.3	20.0	1.4	20.0
Dibromochloromethane	Ave	0.4044	0.3808	0.1000	18.8	20.0	-5.8	20.0
Ethylene Dibromide	Ave	0.3861	0.4050	0.1000	21.0	20.0	4.9	20.0
Chlorobenzene	Ave	1.259	1.259	0.5000	20.0	20.0	-0.0	20.0
Ethylbenzene	Ave	0.7184	0.7109	0.1000	19.8	20.0	-1.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4419	0.4249		19.2	20.0	-3.8	20.0
m-Xylene & p-Xylene	Ave	0.8787	0.8868	0.1000	20.2	20.0	0.9	20.0
n-Butyl acrylate	Ave	0.3989	0.3840		19.3	20.0	-3.7	20.0
o-Xylene	Ave	0.9023	0.9090	0.3000	20.1	20.0	0.7	20.0
Styrene	Ave	1.492	1.462	0.3000	19.6	20.0	-2.0	20.0
Amyl acetate (mixed isomers)	Ave	2.337	2.691		23.0	20.0	15.2	20.0
Bromoform	Ave	0.2449	0.2381	0.1000	19.4	20.0	-2.8	20.0
Isopropylbenzene	Ave	2.273	2.481	0.1000	21.8	20.0	9.1	20.0
Camphene	Ave	0.2556	0.3223		25.2	20.0	26.1*	20.0
1,1,2,2-Tetrachloroethane	Ave	1.190	1.363	0.3000	22.9	20.0	14.5	20.0
Bromobenzene	Ave	0.9446	0.9707		20.6	20.0	2.8	20.0
N-Propylbenzene	Ave	5.475	6.366		23.3	20.0	16.3	20.0
1,2,3-Trichloropropane	Ave	0.3174	0.3496		22.0	20.0	10.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4003	0.4566		22.8	20.0	14.0	20.0
4-Ethyltoluene	Ave	4.484	4.969		22.2	20.0	10.8	50.0
2-Chlorotoluene	Ave	4.056	4.370		21.5	20.0	7.7	20.0
1,3,5-Trimethylbenzene	Ave	3.802	4.369		23.0	20.0	14.9	20.0
Butyl Methacrylate	Ave	1.473	1.456		19.8	20.0	-1.1	20.0
4-Chlorotoluene	Ave	3.433	3.705		21.6	20.0	7.9	20.0
tert-Butylbenzene	Ave	2.966	3.241		21.9	20.0	9.3	20.0
1,2,4-Trimethylbenzene	Ave	3.886	4.312		22.2	20.0	10.9	20.0
sec-Butylbenzene	Ave	4.623	5.453		23.6	20.0	17.9	20.0
4-Isopropyltoluene	Ave	3.940	4.484		22.8	20.0	13.8	20.0
1,3-Dichlorobenzene	Ave	1.950	1.988	0.6000	20.4	20.0	2.0	20.0
1,4-Dichlorobenzene	Ave	2.035	2.103	0.5000	20.7	20.0	3.4	20.0
Benzyl chloride	Ave	2.100	2.254		21.5	20.0	7.3	20.0
Indan	Ave	1.468	1.451		19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	2.692	3.000		22.3	20.0	11.4	50.0
n-Butylbenzene	Ave	2.485	2.892		23.3	20.0	16.4	20.0
1,2-Dichlorobenzene	Ave	1.991	2.037	0.4000	20.5	20.0	2.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.764	3.856		20.5	20.0	2.4	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.2506	0.0500	23.9	20.0	19.4	20.0
1,3,5-Trichlorobenzene	Ave	1.494	1.527		20.4	20.0	2.2	20.0
Camphor	QuaF		0.0847		89.9	100	-10.1	20.0
1,2,4-Trichlorobenzene	QuaF		1.295	0.2000	21.5	20.0	7.6	20.0
Hexachlorobutadiene	Ave	0.5956	0.5822		19.6	20.0	-2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232261/3 Calibration Date: 06/23/2014 08:16

Instrument ID: CVOAMS1 Calib Start Date: 05/23/2014 20:56

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2014 00:40

Lab File ID: A05239.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
Naphthalene	QuaF		3.113		23.1	20.0	15.3	20.0
1,2,3-Trichlorobenzene	QuaF		1.051		22.3	20.0	11.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2727	0.2585		47.4	50.0	-5.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4094	0.4010		49.0	50.0	-2.1	20.0
Toluene-d8 (Surr)	Ave	1.699	1.691		49.8	50.0	-0.4	20.0
Bromofluorobenzene	Ave	0.7962	0.7824		49.1	50.0	-1.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05239.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2014 08:16:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0014903-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub17

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:20:58 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 10:20:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.651	1.651	0.000	65	24161	20.0	19.4	
3 Dichlorodifluoromethane	85	1.676	1.676	0.000	86	134972	20.0	19.4	
4 Chloromethane	50	1.853	1.853	0.000	89	184386	20.0	21.9	
6 Vinyl chloride	62	1.968	1.968	0.000	83	150054	20.0	20.5	
5 Butadiene	54	1.974	1.974	0.000	94	148257	20.0	21.5	
9 Bromomethane	94	2.298	2.298	0.000	98	69324	20.0	19.3	
10 Chloroethane	64	2.383	2.383	0.000	97	78831	20.0	19.3	
12 Dichlorofluoromethane	67	2.602	2.602	0.000	89	197688	20.0	19.9	
13 Trichlorofluoromethane	101	2.615	2.615	0.000	38	128301	20.0	19.6	
11 Pentane	72	2.621	2.621	0.000	97	36539	40.0	41.5	
14 Ethyl ether	59	2.846	2.846	0.000	84	84318	20.0	19.5	
16 Ethanol	46	2.852	2.852	0.000	77	17032	1000.0	1216.4	
15 2-Methyl-1,3-butadiene	67	2.865	2.865	0.000	93	156834	20.0	20.4	
8 1,2-Dichloro-1,1,2-trifluo	117	2.919	2.919	0.000	83	58815	20.0	19.2	
17 Acrolein	56	3.041	3.041	0.000	45	7299	40.0	12.4	
19 1,1,2-Trichloro-1,2,2-trif	101	3.054	3.054	0.000	88	76769	20.0	20.7	
20 1,1-Dichloroethene	96	3.072	3.072	0.000	85	73135	20.0	19.2	
21 Acetone	43	3.175	3.175	0.000	84	236657	100.0	115.5	
22 Iodomethane	142	3.230	3.230	0.000	99	102271	20.0	16.8	
23 Carbon disulfide	76	3.261	3.261	0.000	100	279097	20.0	18.9	
138 Isopropyl alcohol	45	3.279	3.279	0.000	57	74382	200.0	373.1	
141 3-Chloro-1-propene	76	3.401	3.401	0.000	4	48975	20.0	18.7	
25 Cyclopentene	67	3.419	3.419	0.000	88	245956	20.0	19.6	
24 Methyl acetate	43	3.425	3.425	0.000	98	504911	100.0	110.4	
26 Acetonitrile	41	3.492	3.492	0.000	95	177835	200.0	257.8	
27 Methylene Chloride	84	3.535	3.535	0.000	88	85019	20.0	18.8	
* 28 TBA-d9 (IS)	65	3.566	3.566	0.000	89	378910	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.620	3.620	0.000	92	95734	200.0	285.3	
30 Methyl tert-butyl ether	73	3.700	3.700	0.000	96	242064	20.0	19.1	
31 trans-1,2-Dichloroethene	96	3.718	3.718	0.000	89	75412	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.803	3.803	0.000	92	430466	200.0	220.4	
33 Hexane	43	3.870	3.870	0.000	94	110252	20.0	23.6	
34 Isopropyl ether	45	4.078	4.078	0.000	95	338511	20.0	20.4	
35 1,1-Dichloroethane	63	4.096	4.096	0.000	99	164513	20.0	20.2	
36 Vinyl acetate	43	4.114	4.114	0.000	100	482782	40.0	47.9	
37 2-Chloro-1,3-butadiene	88	4.139	4.139	0.000	81	67963	20.0	19.8	
39 Tert-butyl ethyl ether	59	4.358	4.358	0.000	88	265234	20.0	18.8	
40 2,2-Dichloropropane	77	4.541	4.541	0.000	82	111546	20.0	18.5	
41 cis-1,2-Dichloroethene	96	4.559	4.559	0.000	83	77719	20.0	18.7	
42 Ethyl acetate	70	4.578	4.578	0.000	96	15873	40.0	40.3	
38 Allyl alcohol	57	4.584	4.584	0.000	15	20086	500.0	443.0	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	90	50249	100.0	93.6	
44 Methyl acrylate	55	4.626	4.626	0.000	94	86074	20.0	22.0	
45 Propionitrile	54	4.700	4.700	0.000	97	146166	200.0	230.1	
47 Chlorobromomethane	128	4.748	4.748	0.000	89	33162	20.0	18.9	
46 Tetrahydrofuran	42	4.760	4.760	0.000	43	90535	40.0	41.2	
48 Methacrylonitrile	67	4.779	4.779	0.000	97	384892	200.0	215.9	
49 Chloroform	83	4.791	4.791	0.000	77	133226	20.0	19.6	
50 Cyclohexane	56	4.907	4.907	0.000	97	178808	20.0	22.2	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	70	105055	20.0	19.1	
$ 52 Dibromofluoromethane (Surr	113	4.919	4.919	0.000	84	140057	50.0	47.4	
53 Carbon tetrachloride	117	5.010	5.010	0.000	86	78899	20.0	18.4	
54 1,1-Dichloropropene	75	5.035	5.035	0.000	90	101845	20.0	19.9	
155 Isooctane	57	5.163	5.163	0.000	100	361097	20.0	24.3	
55 Benzene	78	5.193	5.193	0.000	94	321473	20.0	20.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.206	0.000	92	217265	50.0	49.0	
58 Isopropyl acetate	43	5.230	5.230	0.000	87	326096	20.0	21.7	
57 Isobutyl alcohol	43	5.157	5.157	0.000	45	181955	500.0	1268.6	M
59 Tert-amyl methyl ether	73	5.236	5.236	0.000	88	248683	20.0	19.0	
60 1,2-Dichloroethane	62	5.266	5.266	0.000	69	113360	20.0	19.9	
61 n-Heptane	57	5.297	5.297	0.000	96	85520	20.0	27.8	
* 62 Fluorobenzene	96	5.413	5.413	0.000	97	541881	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.571	5.571	0.000	92	524941	40.0	38.4	
140 n-Butanol	56	5.626	5.626	0.000	64	55763	500.0	557.7	
64 Trichloroethene	95	5.687	5.687	0.000	90	70516	20.0	19.5	
65 Ethyl acrylate	55	5.779	5.779	0.000	96	247889	20.0	22.9	
66 Methylcyclohexane	83	5.797	5.797	0.000	93	144189	20.0	22.6	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	90	85900	20.0	19.9	
* 69 1,4-Dioxane-d8	96	5.974	5.974	0.000	83	32077	1000.0	1000.0	
68 Methyl methacrylate	100	5.974	5.974	0.000	95	35123	40.0	40.3	
70 n-Propyl acetate	43	6.016	6.016	0.000	72	135713	20.0	22.3	
71 1,4-Dioxane	88	6.022	6.022	0.000	7	13638	400.0	466.4	M
72 Dibromomethane	93	6.041	6.041	0.000	89	43012	20.0	19.5	
73 Dichlorobromomethane	83	6.157	6.157	0.000	95	92549	20.0	19.6	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	87	43580	20.0	20.8	
75 2-Nitropropane	41	6.455	6.455	0.000	91	43619	40.0	44.3	
76 Epichlorohydrin	57	6.541	6.541	0.000	100	164597	400.0	476.0	
77 cis-1,3-Dichloropropene	75	6.583	6.583	0.000	90	112646	20.0	20.6	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.711	0.000	98	548427	100.0	123.7	
$ 79 Toluene-d8 (Surr)	98	6.778	6.778	0.000	97	559250	50.0	49.8	
80 Toluene	91	6.839	6.839	0.000	93	292912	20.0	20.4	
81 trans-1,3-Dichloropropene	75	7.065	7.065	0.000	93	90427	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	92	94586	20.0	19.1	
83 1,1,2-Trichloroethane	83	7.211	7.211	0.000	91	54119	20.0	21.6	
84 Tetrachloroethene	166	7.248	7.248	0.000	81	55670	20.0	20.4	
85 1,3-Dichloropropane	76	7.345	7.345	0.000	97	108657	20.0	20.9	
86 2-Hexanone	43	7.370	7.370	0.000	99	338110	100.0	121.4	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	17807	20.0	20.3	
88 Chlorodibromomethane	129	7.492	7.492	0.000	94	50357	20.0	18.8	
89 Ethylene Dibromide	107	7.589	7.589	0.000	96	53567	20.0	21.0	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	82	330625	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	88	166493	20.0	20.0	
92 Ethylbenzene	106	7.943	7.943	0.000	99	94015	20.0	19.8	
93 1,1,1,2-Tetrachloroethane	131	7.955	7.955	0.000	84	56195	20.0	19.2	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	117284	20.0	20.2	
95 n-Butyl acrylate	73	8.242	8.242	0.000	96	50789	20.0	19.3	
96 o-Xylene	106	8.284	8.284	0.000	89	120213	20.0	20.1	
97 Styrene	104	8.296	8.296	0.000	90	193353	20.0	19.6	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	88	178580	20.0	23.0	
99 Bromoform	173	8.437	8.437	0.000	92	31485	20.0	19.4	
100 Isopropylbenzene	105	8.498	8.498	0.000	97	328133	20.0	21.8	
$ 101 4-Bromofluorobenzene	174	8.626	8.626	0.000	83	129791	50.0	49.1	
102 Camphene	41	8.638	8.638	0.000	96	42618	20.0	25.2	
103 1,1,2,2-Tetrachloroethane	83	8.717	8.717	0.000	79	90431	20.0	22.9	
104 Bromobenzene	156	8.717	8.717	0.000	91	64412	20.0	20.6	
105 N-Propylbenzene	91	8.741	8.741	0.000	92	422448	20.0	23.3	
139 trans-1,4-Dichloro-2-buten	53	8.754	8.754	0.000	63	30296	20.0	22.8	
106 1,2,3-Trichloropropane	110	8.754	8.754	0.000	87	23201	20.0	22.0	
107 4-Ethyltoluene	105	8.802	8.802	0.000	92	329754	20.0	22.2	
108 2-Chlorotoluene	91	8.815	8.815	0.000	96	289994	20.0	21.5	
109 1,3,5-Trimethylbenzene	105	8.839	8.839	0.000	81	289939	20.0	23.0	
110 Butyl Methacrylate	87	8.876	8.876	0.000	95	96648	20.0	19.8	
111 4-Chlorotoluene	91	8.882	8.882	0.000	99	245856	20.0	21.6	
112 tert-Butylbenzene	119	9.028	9.028	0.000	92	215084	20.0	21.9	
113 1,2,4-Trimethylbenzene	105	9.058	9.058	0.000	98	286113	20.0	22.2	
114 sec-Butylbenzene	105	9.150	9.150	0.000	98	361827	20.0	23.6	
115 4-Isopropyltoluene	119	9.229	9.229	0.000	94	297544	20.0	22.8	
116 1,3-Dichlorobenzene	146	9.247	9.247	0.000	90	131923	20.0	20.4	
* 117 1,4-Dichlorobenzene-d4	152	9.290	9.290	0.000	96	165897	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.308	9.308	0.000	85	139584	20.0	20.7	
119 Benzyl chloride	91	9.394	9.394	0.000	97	149575	20.0	21.5	
120 2,3-Dihydroindene	117	9.443	9.443	0.000	78	314540	20.0	19.8	
121 p-Diethylbenzene	119	9.455	9.455	0.000	89	199053	20.0	22.3	
122 n-Butylbenzene	92	9.473	9.473	0.000	98	191922	20.0	23.3	
123 1,2-Dichlorobenzene	146	9.540	9.540	0.000	91	135160	20.0	20.5	
124 1,2,4,5-Tetramethylbenzene	119	9.961	9.961	0.000	96	255880	20.0	20.5	
125 1,2-Dibromo-3-Chloropropan	75	10.058	10.058	0.000	83	16628	20.0	23.9	
126 1,3,5-Trichlorobenzene	180	10.162	10.162	0.000	94	101341	20.0	20.4	
127 Camphor	95	10.595	10.595	0.000	94	28091	100.0	89.9	
128 1,2,4-Trichlorobenzene	180	10.662	10.662	0.000	89	85966	20.0	21.5	
129 Hexachlorobutadiene	225	10.735	10.735	0.000	87	38635	20.0	19.6	
130 Naphthalene	128	10.893	10.893	0.000	98	206607	20.0	23.1	
133 1,2,3-Trichlorobenzene	180	11.113	11.113	0.000	93	69727	20.0	22.3	
S 136 1,2-Dichloroethene, Total	100				0			37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.3	
S 147 Total BTEX	1				0			101.3	

QC Flag Legend

Review Flags
M - Manually Integrated

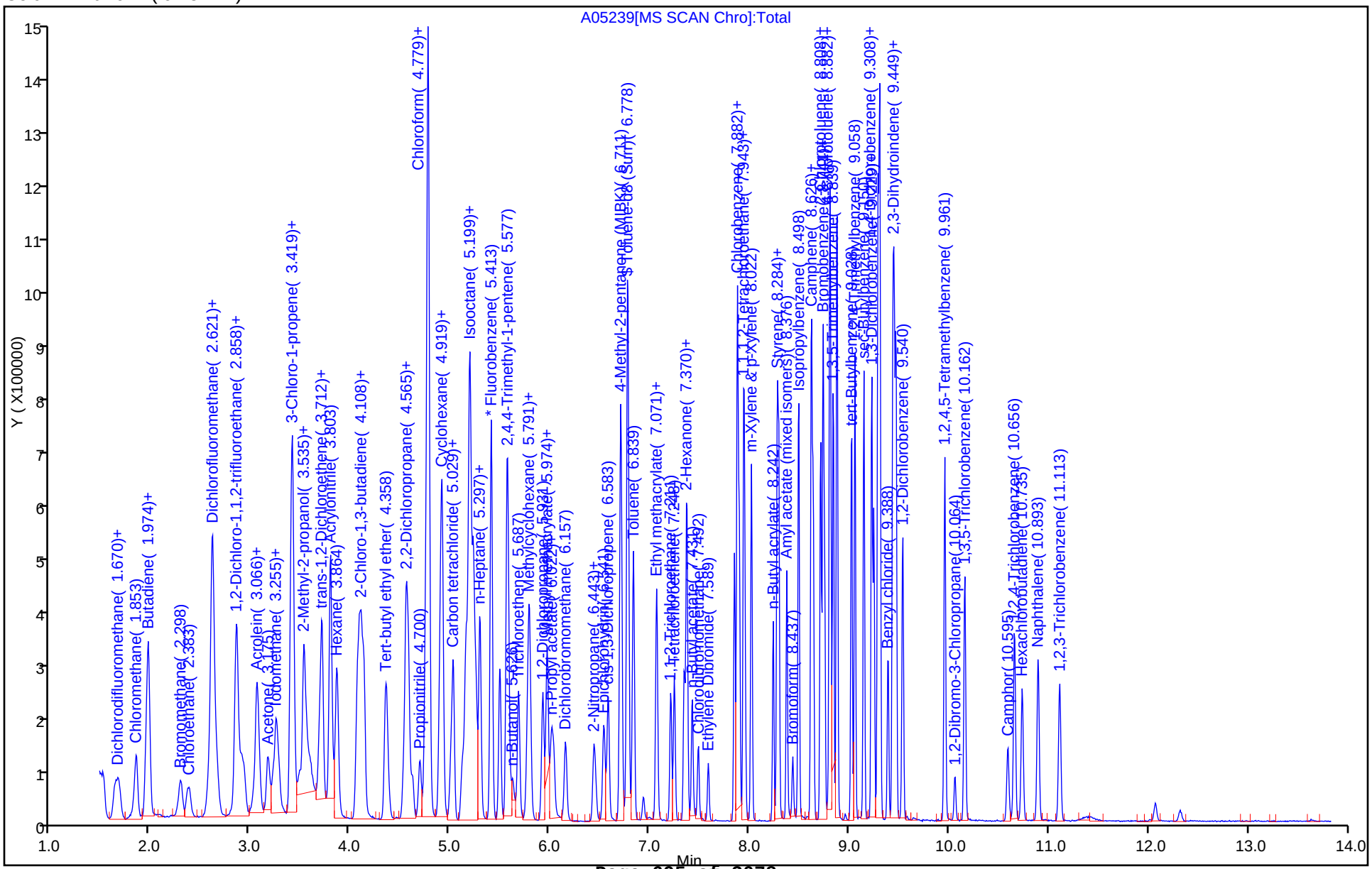
Report Date: 24-Jun-2014 10:21:00 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05239.D

Injection Date:	23-Jun-2014 08:16:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

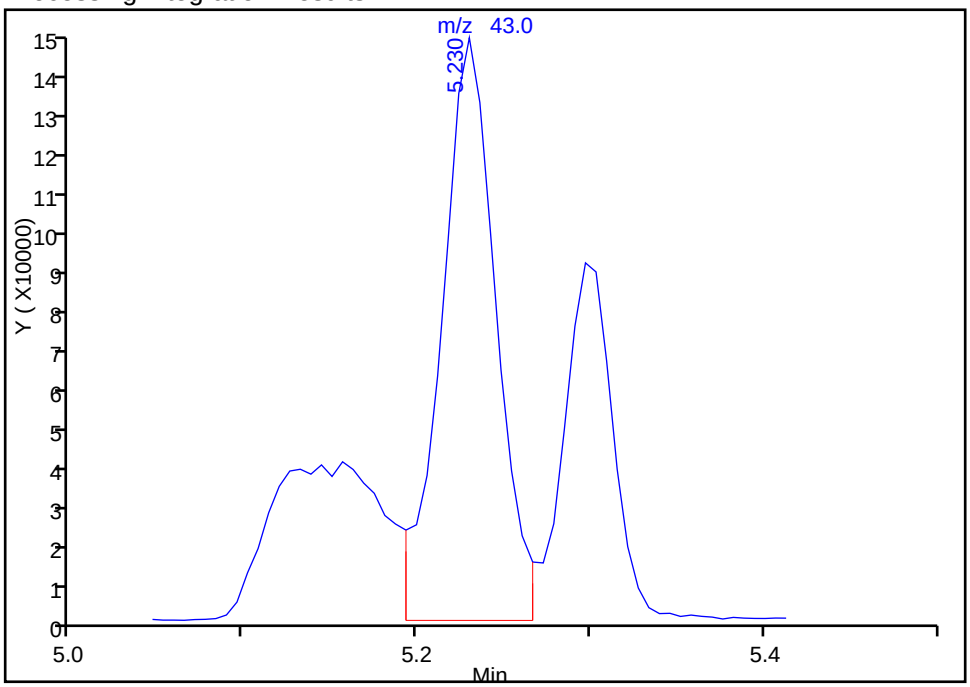
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05239.D
Injection Date: 23-Jun-2014 08:16:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isobutyl alcohol, CAS: 78-83-1

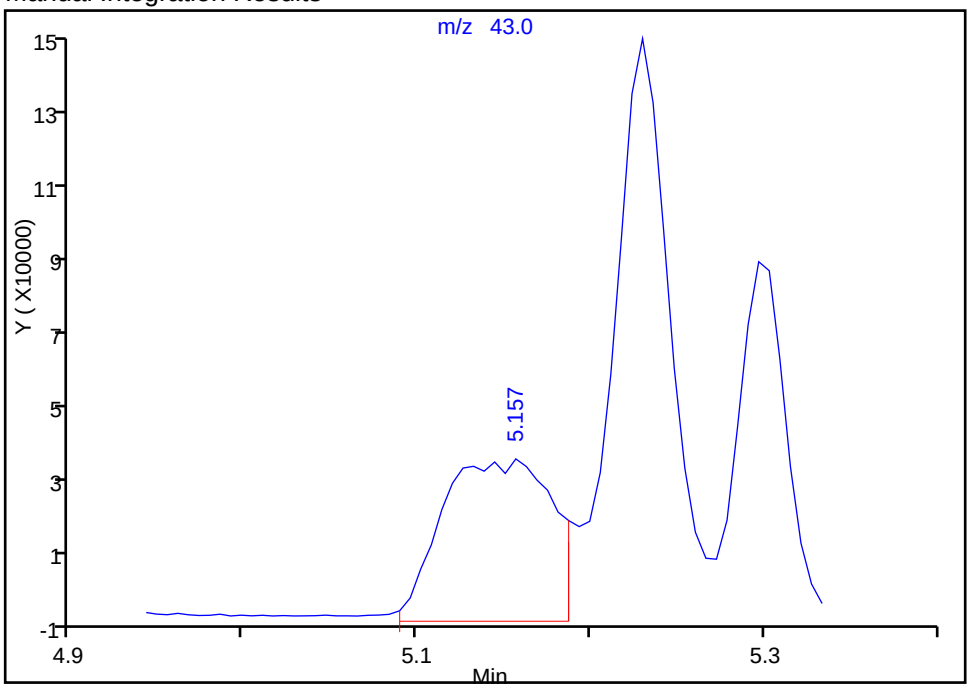
Processing Integration Results

RT: 5.23
Response: 320823
Amount: 2169.1692



Manual Integration Results

RT: 5.16
Response: 181955
Amount: 1268.6015



Reviewer: delpolitov, 24-Jun-2014 10:20:58
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

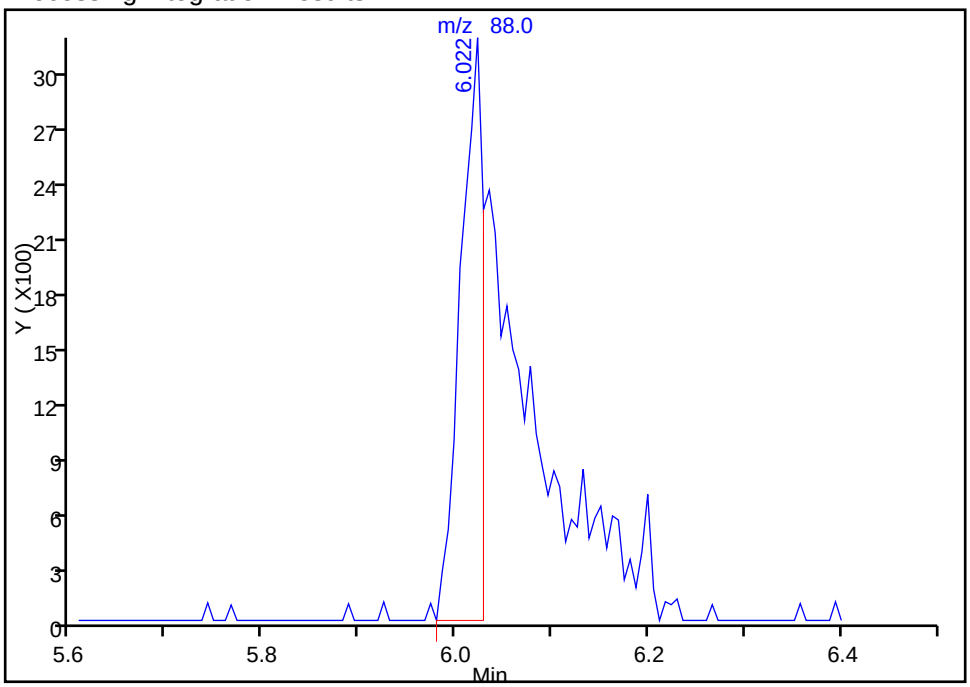
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05239.D
Injection Date: 23-Jun-2014 08:16:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

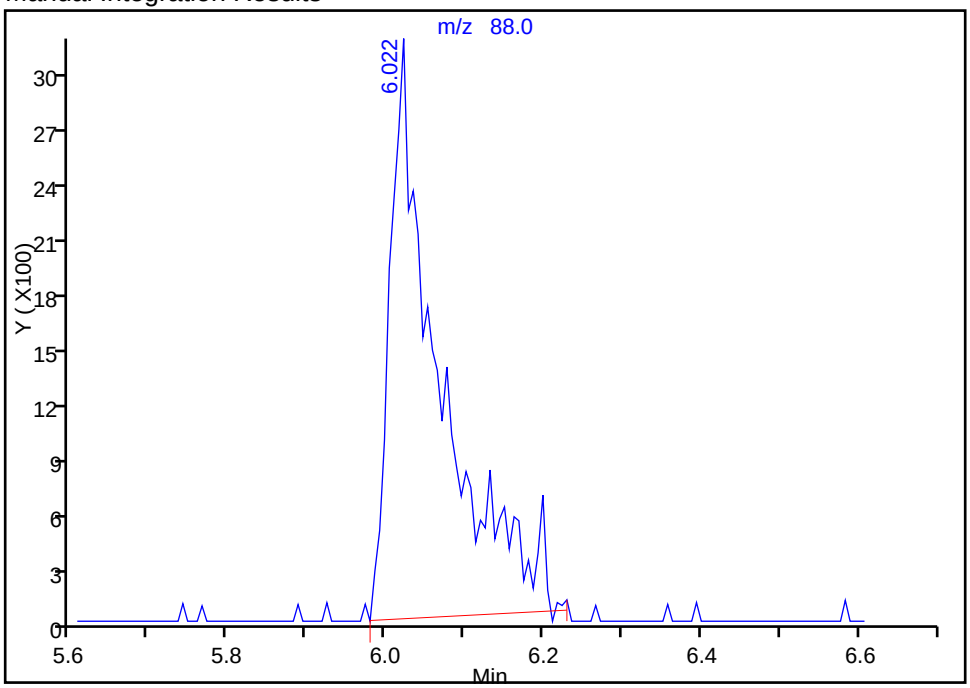
Processing Integration Results

RT: 6.02
Response: 5111
Amount: 75.748192



Manual Integration Results

RT: 6.02
Response: 13638
Amount: 466.4204



Reviewer: moroneyc, 23-Jun-2014 08:38:18
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232427/2 Calibration Date: 06/24/2014 05:22

Instrument ID: CVOAMS2 Calib Start Date: 05/28/2014 08:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/28/2014 12:37

Lab File ID: B69901.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
Chlorotrifluoroethene	Ave	0.0932	0.0660		14.2	20.0	-29.2*	20.0
Dichlorodifluoromethane	Ave	0.6799	0.5619	0.1000	16.5	20.0	-17.4	20.0
Chloromethane	Ave	0.3364	0.2782	0.1000	16.5	20.0	-17.3	20.0
Butadiene	Ave	0.2966	0.2621		17.7	20.0	-11.7	50.0
Vinyl chloride	Ave	0.4041	0.3733	0.1000	18.5	20.0	-7.6	20.0
Bromomethane	QuaF		0.3368	0.1000	18.9	20.0	-5.4	20.0
Chloroethane	Ave	0.2419	0.2392	0.1000	19.8	20.0	-1.1	20.0
Trichlorofluoromethane	Ave	0.6938	0.6442	0.1000	18.6	20.0	-7.2	20.0
Dichlorofluoromethane	Ave	0.7268	0.7676		21.1	20.0	5.6	20.0
Acrolein	Ave	0.7948	0.7474		37.6	40.0	-6.0	20.0
Pentane	Ave	0.0499	0.0427		34.2	40.0	-14.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2525	0.2029		16.1	20.0	-19.7	20.0
Ethanol	QuaF		0.0244		830	1000	-17.0	20.0
Ethyl ether	Ave	0.2144	0.1932		18.0	20.0	-9.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3402	0.3011		17.7	20.0	-11.5	20.0
Freon TF	Ave	0.3591	0.3367	0.1000	18.8	20.0	-6.2	20.0
1,1-Dichloroethene	Ave	0.2998	0.2733	0.1000	18.2	20.0	-8.8	20.0
Acetone	QuaF		2.804	0.1000	89.5	100	-10.5	20.0
Iodomethane	Ave	0.6733	0.6300		18.7	20.0	-6.4	20.0
Carbon disulfide	Ave	0.8581	0.7860	0.1000	18.3	20.0	-8.4	20.0
Isopropyl alcohol	Ave	0.4511	0.4117		183	200	-8.7	20.0
Allyl chloride	Ave	0.1457	0.1297		17.8	20.0	-11.0	50.0
Cyclopentene	Ave	0.6363	0.5842		18.4	20.0	-8.2	20.0
Methyl acetate	Ave	0.1216	0.1260	0.1000	104	100	3.7	20.0
Acetonitrile	Ave	0.0179	0.0195		217	200	8.7	20.0
Methylene Chloride	Ave	0.3100	0.2955	0.1000	19.1	20.0	-4.7	20.0
2-Methyl-2-propanol	Ave	1.247	1.122		180	200	-10.0	20.0
MTBE	Ave	0.7405	0.7392	0.1000	20.0	20.0	-0.2	20.0
trans-1,2-Dichloroethene	Ave	0.3140	0.2872	0.1000	18.3	20.0	-8.5	20.0
Acrylonitrile	Ave	0.0545	0.0595		218	200	9.1	20.0
Hexane	Ave	0.1339	0.1151		17.2	20.0	-14.0	20.0
1,1-Dichloroethane	Ave	0.5051	0.4506	0.2000	17.8	20.0	-10.8	20.0
Isopropyl ether	Ave	0.5657	0.5311		18.8	20.0	-6.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2419	0.2365		19.6	20.0	-2.2	20.0
Vinyl acetate	Ave	0.4024	0.4296		42.7	40.0	6.8	20.0
Allyl alcohol	QuaF		0.1068		592	500	18.5	20.0
Tert-butyl ethyl ether	Ave	0.6737	0.6343		18.8	20.0	-5.9	20.0
2,2-Dichloropropane	Ave	0.5225	0.4615		17.7	20.0	-11.7	20.0
cis-1,2-Dichloroethene	Ave	0.3128	0.3067	0.1000	19.6	20.0	-2.0	20.0
2-Butanone	Ave	1.172	1.032	0.1000	88.0	100	-12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232427/2 Calibration Date: 06/24/2014 05:22

Instrument ID: CVOAMS2 Calib Start Date: 05/28/2014 08:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/28/2014 12:37

Lab File ID: B69901.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
Ethyl acetate	Ave	1.035	0.9581		37.0	40.0	-7.4	20.0
Methyl acrylate	Ave	0.1295	0.1316		20.3	20.0	1.6	20.0
Propionitrile	Ave	1.233	1.127		183	200	-8.6	20.0
Bromochloromethane	Ave	0.1694	0.1767		20.9	20.0	4.3	20.0
Tetrahydrofuran	Ave	1.181	1.186		40.2	40.0	0.4	20.0
Methacrylonitrile	Ave	0.0735	0.0810		220	200	10.2	20.0
Chloroform	Ave	0.6495	0.6054	0.2000	18.6	20.0	-6.8	20.0
Cyclohexane	Ave	0.3476	0.3227	0.1000	18.6	20.0	-7.2	20.0
1,1,1-Trichloroethane	Ave	0.6243	0.5593	0.1000	17.9	20.0	-10.4	20.0
Carbon tetrachloride	Ave	0.5680	0.5035	0.1000	17.7	20.0	-11.4	20.0
1,1-Dichloropropene	Ave	0.3822	0.3494		18.3	20.0	-8.6	20.0
Benzene	Ave	1.052	1.043	0.5000	19.8	20.0	-0.9	20.0
Isobutyl alcohol	Ave	0.4251	0.3753		442	500	-11.7	20.0
1,2-Dichloroethane	Ave	0.5157	0.4891	0.1000	19.0	20.0	-5.2	20.0
Tert-amyl methyl ether	Ave	0.7565	0.7358		19.5	20.0	-2.7	20.0
Isopropyl acetate	Ave	0.5021	0.4722		18.8	20.0	-6.0	20.0
n-Heptane	Ave	0.0948	0.0844		17.8	20.0	-10.9	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.3675	0.3303		35.9	40.0	-10.1	20.0
Trichloroethene	Ave	0.3374	0.3122	0.2000	18.5	20.0	-7.5	20.0
n-Butanol	Ave	0.1722	0.1644		477	500	-4.5	20.0
Methylcyclohexane	Ave	0.3527	0.3385	0.1000	19.2	20.0	-4.0	20.0
Ethyl acrylate	Ave	0.2124	0.2002		18.8	20.0	-5.8	20.0
1,2-Dichloropropane	Ave	0.2460	0.2140	0.1000	17.4	20.0	-13.0	20.0
Dibromomethane	Ave	0.2111	0.2073		19.6	20.0	-1.8	20.0
1,4-Dioxane	Ave	0.9759	0.9684		397	400	-0.8	20.0
Methyl methacrylate	Ave	0.0564	0.0588		41.7	40.0	4.2	20.0
n-Propyl acetate	Ave	0.2248	0.2107		18.7	20.0	-6.3	20.0
Bromodichloromethane	Ave	0.4566	0.4086	0.2000	17.9	20.0	-10.5	20.0
2-Nitropropane	Ave	0.0457	0.0385		33.7	40.0	-15.8	20.0
2-Chloroethyl vinyl ether	QuaF		0.1106		15.9	20.0	-20.5*	20.0
Epichlorohydrin	Ave	0.0158	0.0174		440	400	10.0	20.0
cis-1,3-Dichloropropene	Ave	0.4341	0.4305	0.2000	19.8	20.0	-0.8	20.0
4-Methyl-2-pentanone	Ave	0.1699	0.1810	0.1000	107	100	6.5	20.0
Toluene	Ave	1.282	1.245	0.4000	19.4	20.0	-2.9	20.0
trans-1,3-Dichloropropene	Ave	0.4015	0.3640	0.1000	18.1	20.0	-9.4	20.0
Ethyl methacrylate	QuaF		0.2830		17.4	20.0	-13.1	20.0
1,1,2-Trichloroethane	Ave	0.2209	0.2248	0.1000	20.4	20.0	1.8	20.0
Tetrachloroethene	Ave	0.3667	0.3552	0.2000	19.4	20.0	-3.1	20.0
1,3-Dichloropropane	Ave	0.4431	0.4557		20.6	20.0	2.8	20.0
2-Hexanone	Ave	0.1240	0.1338	0.1000	108	100	7.9	20.0
Dibromochloromethane	Ave	0.3446	0.3486	0.1000	20.2	20.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232427/2 Calibration Date: 06/24/2014 05:22

Instrument ID: CVOAMS2 Calib Start Date: 05/28/2014 08:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/28/2014 12:37

Lab File ID: B69901.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
n-Butyl acetate	Ave	0.0499	0.0497		19.9	20.0	-0.4	20.0
Ethylene Dibromide	Ave	0.2933	0.3066	0.1000	20.9	20.0	4.5	20.0
Chlorobenzene	Ave	1.016	0.9719	0.5000	19.1	20.0	-4.3	20.0
Ethylbenzene	Ave	0.5033	0.4937	0.1000	19.6	20.0	-1.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3952	0.3688		18.7	20.0	-6.7	20.0
m-Xylene & p-Xylene	Ave	0.6071	0.6186	0.1000	20.4	20.0	1.9	20.0
o-Xylene	Ave	0.5896	0.6045	0.3000	20.5	20.0	2.5	20.0
n-Butyl acrylate	Ave	0.2136	0.2067		19.4	20.0	-3.2	20.0
Styrene	Ave	1.025	1.083	0.3000	21.1	20.0	5.7	20.0
Bromoform	Ave	0.2246	0.2184	0.1000	19.5	20.0	-2.7	20.0
Amyl acetate (mixed isomers)	QuaF		0.5654		16.2	20.0	-18.8	20.0
Isopropylbenzene	Ave	1.646	1.721	0.1000	20.9	20.0	4.5	20.0
Camphene	Ave	0.1048	0.0869		16.6	20.0	-17.1	20.0
Bromobenzene	Ave	0.6967	0.6664		19.1	20.0	-4.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5300	0.5573	0.3000	21.0	20.0	5.1	20.0
N-Propylbenzene	Ave	2.758	2.771		20.1	20.0	0.5	20.0
1,2,3-Trichloropropane	Ave	0.1857	0.1977		21.3	20.0	6.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1418	0.1292		18.2	20.0	-8.9	20.0
2-Chlorotoluene	Ave	2.225	2.189		19.7	20.0	-1.6	20.0
4-Ethyltoluene	Ave	2.494	2.555		20.5	20.0	2.4	50.0
1,3,5-Trimethylbenzene	Ave	2.124	2.199		20.7	20.0	3.5	20.0
4-Chlorotoluene	Ave	2.183	2.076		19.0	20.0	-4.9	20.0
Butyl Methacrylate	QuaF		0.6027		15.5	20.0	-22.5*	20.0
tert-Butylbenzene	Ave	1.668	1.684		20.2	20.0	1.0	20.0
1,2,4-Trimethylbenzene	Ave	2.265	2.419		21.4	20.0	6.8	20.0
sec-Butylbenzene	Ave	2.305	2.311		20.1	20.0	0.3	20.0
1,3-Dichlorobenzene	Ave	1.323	1.295	0.6000	19.6	20.0	-2.1	20.0
4-Isopropyltoluene	Ave	2.079	2.107		20.3	20.0	1.4	20.0
1,4-Dichlorobenzene	Ave	1.438	1.365	0.5000	19.0	20.0	-5.0	20.0
Benzyl chloride	Ave	0.9709	0.9485		19.5	20.0	-2.3	20.0
Indan	Ave	2.374	2.412		20.3	20.0	1.6	20.0
p-Diethylbenzene	Ave	1.280	1.297		20.3	20.0	1.3	50.0
n-Butylbenzene	Ave	2.443	2.404		19.7	20.0	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.373	1.366	0.4000	19.9	20.0	-0.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.030	2.233		22.0	20.0	10.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1048	0.1087	0.0500	20.7	20.0	3.7	20.0
1,3,5-Trichlorobenzene	Ave	1.005	0.9544		19.0	20.0	-5.1	20.0
Camphor	QuaF		0.0417		86.2	100	-13.8	20.0
1,2,4-Trichlorobenzene	Ave	0.9022	0.8637	0.2000	19.1	20.0	-4.3	20.0
Hexachlorobutadiene	QuaF		0.3052		17.6	20.0	-12.1	20.0
Naphthalene	Ave	1.468	1.596		21.7	20.0	8.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232427/2 Calibration Date: 06/24/2014 05:22

Instrument ID: CVOAMS2 Calib Start Date: 05/28/2014 08:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/28/2014 12:37

Lab File ID: B69901.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
1,2,3-Trichlorobenzene	QuaF		0.6236		18.8	20.0	-6.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3490	0.3345		47.9	50.0	-4.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4329	0.4122		47.6	50.0	-4.8	20.0
Toluene-d8 (Surr)	Ave	1.151	1.161		50.5	50.0	0.9	20.0
Bromofluorobenzene	Ave	0.4844	0.4678		48.3	50.0	-3.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69901.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2014 05:22:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0014950-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub31

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:28:32 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:28:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.102	0.000	74	19591	20.0	14.2	
2 Dichlorodifluoromethane	85	1.126	1.126	0.000	88	166776	20.0	16.5	
3 Chloromethane	50	1.241	1.241	0.000	87	82563	20.0	16.5	
4 Vinyl chloride	62	1.332	1.332	0.000	83	110786	20.0	18.5	
5 Butadiene	54	1.332	1.332	0.000	87	77782	20.0	17.7	
7 Bromomethane	94	1.571	1.571	0.000	96	99961	20.0	18.9	
8 Chloroethane	64	1.636	1.636	0.000	99	70990	20.0	19.8	
9 Trichlorofluoromethane	101	1.809	1.809	0.000	62	191209	20.0	18.6	
10 Dichlorofluoromethane	67	1.818	1.818	0.000	89	227819	20.0	21.1	
19 Pentane	72	1.834	1.834	0.000	93	25340	40.0	34.2	
15 Acrolein	56	1.826	1.826	0.000	29	8824	40.0	37.6	
139 Ethanol	46	2.031	2.031	0.000	74	7187	1000.0	830.3	
11 Ethyl ether	59	2.031	2.031	0.000	93	57348	20.0	18.0	
13 2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	94	60210	20.0	16.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.097	2.097	0.000	90	89368	20.0	17.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.196	2.196	0.000	58	99938	20.0	18.8	
17 1,1-Dichloroethene	96	2.204	2.204	0.000	90	81105	20.0	18.2	
18 Acetone	43	2.320	2.320	0.000	85	82779	100.0	89.5	
20 Iodomethane	142	2.344	2.344	0.000	96	186993	20.0	18.7	
21 Carbon disulfide	76	2.361	2.361	0.000	99	233290	20.0	18.3	
135 Isopropyl alcohol	45	2.451	2.451	0.000	84	24304	200.0	182.5	
141 3-Chloro-1-propene	76	2.525	2.525	0.000	9	38498	20.0	17.8	
22 Cyclopentene	67	2.533	2.533	0.000	84	173396	20.0	18.4	
23 Methyl acetate	43	2.566	2.566	0.000	96	187047	100.0	103.7	
24 Acetonitrile	41	2.624	2.624	0.000	93	57815	200.0	217.4	
25 Methylene Chloride	84	2.657	2.657	0.000	72	87699	20.0	19.1	
* 26 TBA-d9 (IS)	65	2.715	2.715	0.000	35	295170	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.780	2.780	0.000	87	66229	200.0	179.9	
28 Methyl tert-butyl ether	73	2.838	2.838	0.000	94	219409	20.0	20.0	
29 trans-1,2-Dichloroethene	96	2.846	2.846	0.000	85	85252	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.945	2.945	0.000	89	176531	200.0	218.2	
32 Hexane	43	3.011	3.011	0.000	86	34168	20.0	17.2	
34 1,1-Dichloroethane	63	3.266	3.266	0.000	93	133756	20.0	17.8	
33 Isopropyl ether	45	3.274	3.274	0.000	88	157621	20.0	18.8	
36 2-Chloro-1,3-butadiene	88	3.315	3.315	0.000	74	70185	20.0	19.6	
35 Vinyl acetate	43	3.315	3.315	0.000	99	255039	40.0	42.7	
136 Allyl alcohol	57	3.365	3.365	0.000	86	15757	500.0	592.4	
37 Tert-butyl ethyl ether	59	3.612	3.612	0.000	90	188260	20.0	18.8	
38 2,2-Dichloropropane	77	3.809	3.809	0.000	90	136968	20.0	17.7	
39 cis-1,2-Dichloroethene	96	3.834	3.834	0.000	92	91033	20.0	19.6	
40 2-Butanone (MEK)	72	3.883	3.883	0.000	98	30454	100.0	88.0	
41 Ethyl acetate	70	3.908	3.908	0.000	91	11312	40.0	37.0	
42 Methyl acrylate	55	3.949	3.949	0.000	65	39073	20.0	20.3	
43 Propionitrile	54	4.023	4.023	0.000	94	66518	200.0	182.8	
45 Chlorobromomethane	128	4.081	4.081	0.000	66	52437	20.0	20.9	
44 Tetrahydrofuran	72	4.081	4.081	0.000	47	14004	40.0	40.2	
46 Methacrylonitrile	67	4.138	4.138	0.000	81	240537	200.0	220.4	
47 Chloroform	83	4.163	4.163	0.000	86	179680	20.0	18.6	
48 Cyclohexane	56	4.262	4.262	0.000	84	95790	20.0	18.6	
49 1,1,1-Trichloroethane	97	4.295	4.295	0.000	93	165991	20.0	17.9	
$ 57 Dibromofluoromethane (Surr	113	4.336	4.336	0.000	97	248231	50.0	47.9	
50 Carbon tetrachloride	117	4.426	4.426	0.000	90	149436	20.0	17.7	
51 1,1-Dichloropropene	75	4.467	4.467	0.000	87	103711	20.0	18.3	
52 Benzene	78	4.690	4.690	0.000	97	286095	20.0	19.8	
138 Isobutyl alcohol	43	4.714	4.714	0.000	41	55394	500.0	441.5	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.723	4.723	0.000	93	305882	50.0	47.6	
140 Tert-amyl methyl ether	73	4.813	4.813	0.000	89	218403	20.0	19.5	
54 1,2-Dichloroethane	62	4.813	4.813	0.000	91	145156	20.0	19.0	
55 Isopropyl acetate	43	4.846	4.846	0.000	96	140156	20.0	18.8	
56 n-Heptane	57	4.920	4.920	0.000	77	25059	20.0	17.8	
* 58 Fluorobenzene	96	5.044	5.044	0.000	98	742031	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.315	5.315	0.000	88	196056	40.0	35.9	
60 Trichloroethene	95	5.455	5.455	0.000	94	92673	20.0	18.5	
61 n-Butanol	56	5.513	5.513	0.000	89	24263	500.0	477.4	
62 Methylcyclohexane	83	5.587	5.587	0.000	91	100480	20.0	19.2	
63 Ethyl acrylate	55	5.677	5.677	0.000	97	59414	20.0	18.8	
64 1,2-Dichloropropane	63	5.801	5.801	0.000	79	63519	20.0	17.4	
* 65 1,4-Dioxane-d8	96	5.899	5.899	0.000	66	32142	1000.0	1000.0	
68 Dibromomethane	93	5.949	5.949	0.000	95	61536	20.0	19.6	
67 1,4-Dioxane	88	5.965	5.965	0.000	33	12451	400.0	396.9	
66 Methyl methacrylate	100	5.974	5.974	0.000	80	34873	40.0	41.7	
69 n-Propyl acetate	43	6.056	6.056	0.000	98	62540	20.0	18.7	
70 Dichlorobromomethane	83	6.163	6.163	0.000	95	121266	20.0	17.9	
71 2-Nitropropane	41	6.599	6.599	0.000	98	22857	40.0	33.7	
72 2-Chloroethyl vinyl ether	63	6.624	6.624	0.000	92	32839	20.0	15.9	
73 Epichlorohydrin	57	6.731	6.731	0.000	97	95497	400.0	439.9	
74 cis-1,3-Dichloropropene	75	6.780	6.780	0.000	88	118117	20.0	19.8	
75 4-Methyl-2-pentanone (MIBK	43	7.002	7.002	0.000	93	248326	100.0	106.5	
$ 76 Toluene-d8 (Surr)	98	7.035	7.035	0.000	98	796755	50.0	50.5	
77 Toluene	91	7.117	7.117	0.000	88	341588	20.0	19.4	
78 trans-1,3-Dichloropropene	75	7.504	7.504	0.000	94	99872	20.0	18.1	
79 Ethyl methacrylate	69	7.570	7.570	0.000	85	77654	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.694	7.694	0.000	87	61684	20.0	20.4	
81 Tetrachloroethene	166	7.702	7.702	0.000	89	97470	20.0	19.4	
82 1,3-Dichloropropane	76	7.883	7.883	0.000	89	125028	20.0	20.6	
83 2-Hexanone	43	7.973	7.973	0.000	94	183530	100.0	107.9	
84 Chlorodibromomethane	129	8.072	8.072	0.000	96	95655	20.0	20.2	
85 n-Butyl acetate	73	8.089	8.089	0.000	97	13628	20.0	19.9	
86 Ethylene Dibromide	107	8.187	8.187	0.000	98	84121	20.0	20.9	
* 87 Chlorobenzene-d5	117	8.632	8.632	0.000	87	685984	50.0	50.0	
88 Chlorobenzene	112	8.665	8.665	0.000	93	266686	20.0	19.1	
89 Ethylbenzene	106	8.755	8.755	0.000	99	135480	20.0	19.6	
90 1,1,1,2-Tetrachloroethane	131	8.763	8.763	0.000	85	101204	20.0	18.7	
91 m-Xylene & p-Xylene	106	8.870	8.870	0.000	98	169728	20.0	20.4	
92 o-Xylene	106	9.249	9.249	0.000	93	165857	20.0	20.5	
137 n-Butyl acrylate	73	9.257	9.257	0.000	96	56725	20.0	19.4	
93 Styrene	104	9.274	9.274	0.000	93	297233	20.0	21.1	
95 Bromoform	173	9.455	9.455	0.000	95	59933	20.0	19.5	
94 Amyl acetate (mixed isomer	43	9.463	9.463	0.000	94	113297	20.0	16.2	
96 Isopropylbenzene	105	9.570	9.570	0.000	97	472109	20.0	20.9	
$ 97 4-Bromofluorobenzene	174	9.743	9.743	0.000	85	320868	50.0	48.3	
98 Camphene	41	9.759	9.759	0.000	91	23842	20.0	16.6	
99 Bromobenzene	156	9.858	9.858	0.000	98	133525	20.0	19.1	
100 1,1,2,2-Tetrachloroethane	83	9.916	9.916	0.000	91	111658	20.0	21.0	
101 N-Propylbenzene	91	9.932	9.932	0.000	98	555194	20.0	20.1	
102 1,2,3-Trichloropropane	110	9.957	9.957	0.000	85	39602	20.0	21.3	
103 trans-1,4-Dichloro-2-buten	53	9.973	9.973	0.000	73	25895	20.0	18.2	
104 2-Chlorotoluene	91	10.023	10.023	0.000	95	438562	20.0	19.7	
105 4-Ethyltoluene	105	10.039	10.039	0.000	95	512008	20.0	20.5	
106 1,3,5-Trimethylbenzene	105	10.097	10.097	0.000	91	440527	20.0	20.7	
107 4-Chlorotoluene	91	10.121	10.121	0.000	97	416045	20.0	19.0	
108 Butyl Methacrylate	87	10.195	10.195	0.000	90	120765	20.0	15.5	
109 tert-Butylbenzene	119	10.352	10.352	0.000	91	337482	20.0	20.2	
110 1,2,4-Trimethylbenzene	105	10.409	10.409	0.000	97	484614	20.0	21.4	
111 sec-Butylbenzene	105	10.533	10.533	0.000	98	463030	20.0	20.1	
113 1,3-Dichlorobenzene	146	10.648	10.648	0.000	93	259388	20.0	19.6	
112 4-Isopropyltoluene	119	10.656	10.656	0.000	96	422256	20.0	20.3	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	96	500923	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.730	10.730	0.000	90	273489	20.0	19.0	
118 Benzyl chloride	91	10.862	10.862	0.000	98	190053	20.0	19.5	
119 2,3-Dihydroindene	117	10.911	10.911	0.000	89	483320	20.0	20.3	
120 p-Diethylbenzene	119	10.969	10.969	0.000	86	259888	20.0	20.3	
121 n-Butylbenzene	91	10.985	10.985	0.000	97	481713	20.0	19.7	
122 1,2-Dichlorobenzene	146	11.035	11.035	0.000	93	273801	20.0	19.9	
123 1,2,4,5-Tetramethylbenzene	119	11.586	11.586	0.000	95	447395	20.0	22.0	
124 1,2-Dibromo-3-Chloropropan	75	11.668	11.668	0.000	97	21783	20.0	20.7	
125 1,3,5-Trichlorobenzene	180	11.784	11.784	0.000	97	191228	20.0	19.0	
126 Camphor	95	12.212	12.212	0.000	90	41809	100.0	86.2	
127 1,2,4-Trichlorobenzene	180	12.277	12.277	0.000	93	173060	20.0	19.1	
128 Hexachlorobutadiene	225	12.368	12.368	0.000	93	61143	20.0	17.6	
130 Naphthalene	128	12.491	12.491	0.000	99	319708	20.0	21.7	
131 1,2,3-Trichlorobenzene	180	12.697	12.697	0.000	92	124948	20.0	18.8	
S 133 1,2-Dichloroethene, Total	100				0			37.9	
S 134 Xylenes, Total	100				0		40.0	40.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 147 Total BTEX	1				0			99.8	

Report Date: 24-Jun-2014 12:28:32 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69901.D

Injection Date: 24-Jun-2014 05:22:30 Instrument ID: CVOAMS2 Operator ID:

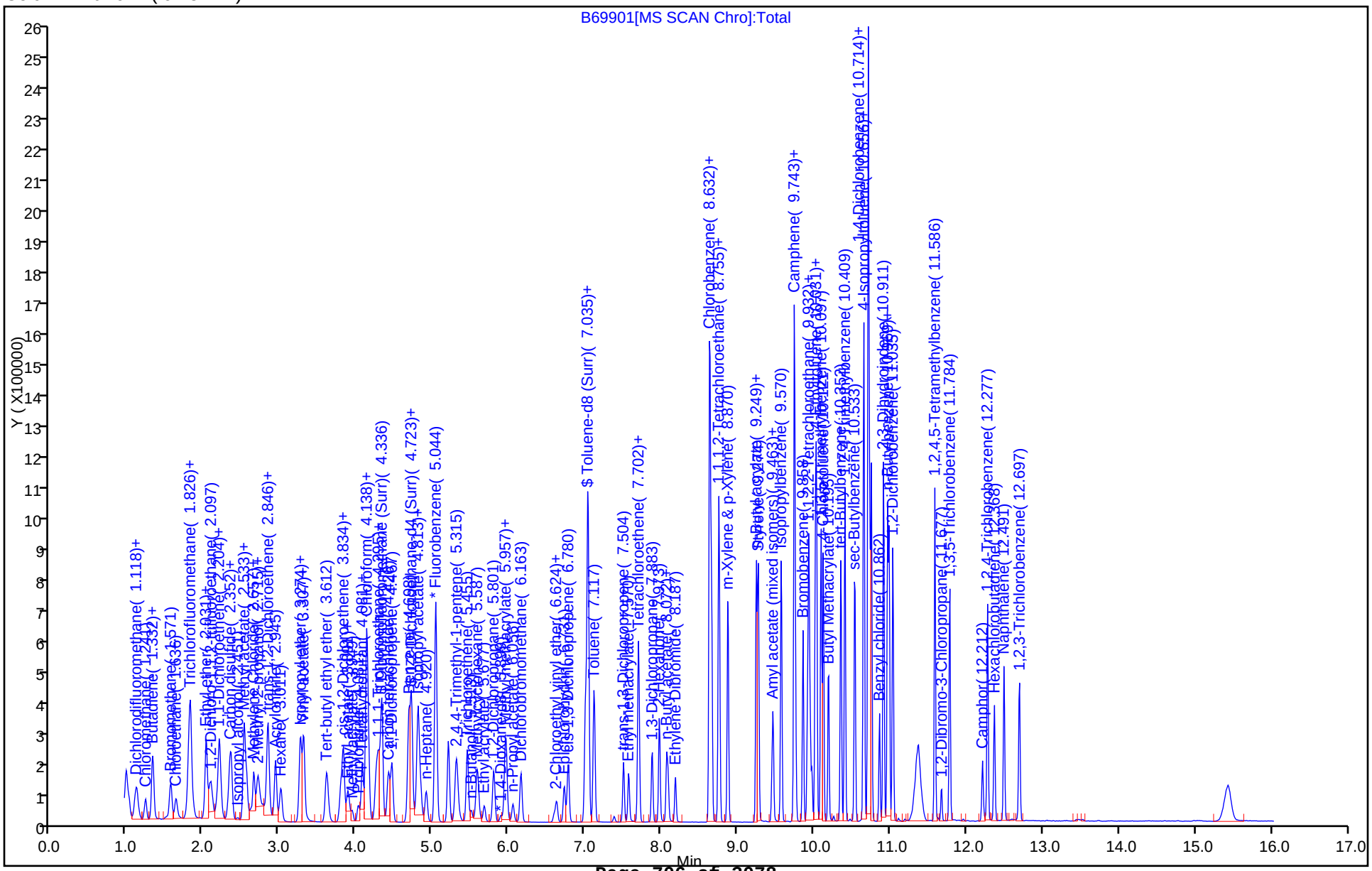
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232468/3 Calibration Date: 06/24/2014 11:52

Instrument ID: CVOAMS8 Calib Start Date: 06/04/2014 01:21

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/04/2014 03:26

Lab File ID: J14656.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
Chlorotrifluoroethene	Ave	0.0532	0.0486		18.3	20.0	-8.6	20.0
Dichlorodifluoromethane	Ave	0.3211	0.2905	0.1000	18.1	20.0	-9.5	20.0
Chloromethane	Ave	0.3101	0.3102	0.1000	20.0	20.0	0.0	20.0
Vinyl chloride	Ave	0.2734	0.2678	0.1000	19.6	20.0	-2.0	20.0
Butadiene	Ave	0.2470	0.2521		20.4	20.0	2.1	50.0
Bromomethane	Ave	0.1271	0.1489	0.1000	23.4	20.0	17.1	20.0
Chloroethane	Ave	4.801	6.463	0.1000	26.9	20.0	34.6*	20.0
Dichlorofluoromethane	Ave	0.3924	0.4130		21.0	20.0	5.2	20.0
Trichlorofluoromethane	Ave	0.2889	0.3200	0.1000	22.1	20.0	10.7	20.0
Pentane	Ave	1.020	1.265		49.6	40.0	24.0*	20.0
Ethanol	QuaF		0.0408		2780	1000	177.8*	20.0
Ethyl ether	Ave	0.1798	0.1806		20.1	20.0	0.5	20.0
2-Methyl-1,3-butadiene	QuaF		0.2095		23.2	20.0	16.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1677	0.1614		19.2	20.0	-3.8	20.0
Freon TF	Ave	0.2005	0.2217	0.1000	22.1	20.0	10.6	20.0
Acrolein	Ave	0.7904	0.2922		14.8	40.0	-63.0*	20.0
1,1-Dichloroethene	Ave	0.2279	0.2208	0.1000	19.4	20.0	-3.1	20.0
Acetone	QuaF		4.866	0.1000	131	100	31.5*	20.0
Iodomethane	Ave	0.3151	0.3310		21.0	20.0	5.0	20.0
Carbon disulfide	Ave	0.8684	0.8004	0.1000	18.4	20.0	-7.8	20.0
Isopropyl alcohol	QuaF		0.5899		275	200	37.4*	20.0
Allyl chloride	Ave	0.1562	0.1352		17.3	20.0	-13.4	50.0
Methyl acetate	Ave	0.2690	0.2706	0.1000	101	100	0.6	20.0
Cyclopentene	Ave	0.7267	0.6961		19.2	20.0	-4.2	20.0
Acetonitrile	Ave	1.313	1.930		294	200	47.1*	20.0
Methylene Chloride	Ave	0.2768	0.2590	0.1000	18.7	20.0	-6.4	20.0
2-Methyl-2-propanol	QuaF		0.995		276	200	37.8*	20.0
MTBE	Ave	0.8101	0.7462	0.1000	18.4	20.0	-7.9	20.0
trans-1,2-Dichloroethene	Ave	0.2467	0.2393	0.1000	19.4	20.0	-3.0	20.0
Acrylonitrile	Ave	0.1203	0.1178		196	200	-2.0	20.0
Hexane	Ave	0.2989	0.3164		21.2	20.0	5.8	20.0
Isopropyl ether	Ave	0.9907	0.9694		19.6	20.0	-2.1	20.0
1,1-Dichloroethane	Ave	0.5275	0.5010	0.2000	19.0	20.0	-5.0	20.0
Vinyl acetate	Ave	0.5778	0.5054		35.0	40.0	-12.5	20.0
Allyl alcohol	QuaF		0.1388		686	500	37.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.2289	0.2074		18.1	20.0	-9.4	20.0
Tert-butyl ethyl ether	Ave	0.8895	0.8249		18.5	20.0	-7.3	20.0
2,2-Dichloropropane	Ave	0.4093	0.3559		17.4	20.0	-13.1	20.0
cis-1,2-Dichloroethene	Ave	0.2688	0.2564	0.1000	19.1	20.0	-4.6	20.0
2-Butanone	Ave	1.146	1.347	0.1000	117	100	17.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232468/3 Calibration Date: 06/24/2014 11:52

Instrument ID: CVOAMS8 Calib Start Date: 06/04/2014 01:21

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/04/2014 03:26

Lab File ID: J14656.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
Ethyl acetate	Ave	0.6443	0.6063		37.6	40.0	-5.9	20.0
Methyl acrylate	Ave	0.3111	0.2670		17.2	20.0	-14.2	20.0
Propionitrile	Ave	1.424	1.883		265	200	32.3*	20.0
Bromochloromethane	Ave	0.1125	0.1115		19.8	20.0	-0.9	20.0
Tetrahydrofuran	Ave	1.397	1.481		42.4	40.0	6.0	20.0
Methacrylonitrile	Ave	0.1246	0.1192		191	200	-4.4	20.0
Chloroform	Ave	0.4515	0.4497	0.2000	19.9	20.0	-0.4	20.0
Cyclohexane	Ave	0.4262	0.3958	0.1000	18.6	20.0	-7.1	20.0
1,1,1-Trichloroethane	Ave	0.3723	0.3449	0.1000	18.5	20.0	-7.4	20.0
Carbon tetrachloride	Ave	0.2739	0.2397	0.1000	17.5	20.0	-12.5	20.0
1,1-Dichloropropene	Ave	0.3436	0.3240		18.9	20.0	-5.7	20.0
Isobutyl alcohol	Ave	0.4298	0.3928		457	500	-8.6	20.0
2,2,4-Trimethylpentane	Ave	0.5682	0.8994		31.7	20.0	58.3*	50.0
Benzene	Ave	1.478	1.453	0.5000	19.7	20.0	-1.7	20.0
Isopropyl acetate	Ave	0.8861	0.8227		18.6	20.0	-7.2	20.0
Tert-amyl methyl ether	Ave	0.7847	0.6952		17.7	20.0	-11.4	20.0
1,2-Dichloroethane	Ave	0.3853	0.3661	0.1000	19.0	20.0	-5.0	20.0
n-Heptane	Ave	0.1288	0.1889		29.3	20.0	46.7*	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.4687	0.5540		47.3	40.0	18.2	20.0
n-Butanol	Ave	0.2030	0.1907		470	500	-6.0	20.0
Trichloroethene	Ave	0.2537	0.2495	0.2000	19.7	20.0	-1.7	20.0
Ethyl acrylate	Ave	0.6848	0.6254		18.3	20.0	-8.7	20.0
Methylcyclohexane	Ave	0.2949	0.3032	0.1000	20.6	20.0	2.8	20.0
1,2-Dichloropropane	Ave	0.2984	0.2751	0.1000	18.4	20.0	-7.8	20.0
Methyl methacrylate	Ave	0.0705	0.0591		33.5	40.0	-16.1	20.0
1,4-Dioxane	QuaF		1.126		768	400	91.9*	20.0
n-Propyl acetate	Ave	0.5179	0.4230		16.3	20.0	-18.3	20.0
Dibromomethane	Ave	0.1641	0.1471		17.9	20.0	-10.4	20.0
Bromodichloromethane	Ave	0.3238	0.2971	0.2000	18.4	20.0	-8.2	20.0
2-Chloroethyl vinyl ether	Ave	0.2057	0.1692		16.5	20.0	-17.7	20.0
2-Nitropropane	Ave	0.0555	0.0309		22.3	40.0	-44.4*	20.0
Epichlorohydrin	Ave	0.0298	0.0270		362	400	-9.4	20.0
cis-1,3-Dichloropropene	Ave	0.6283	0.5517	0.2000	17.6	20.0	-12.2	20.0
4-Methyl-2-pentanone	Ave	0.4298	0.4243	0.1000	98.7	100	-1.3	20.0
Toluene	Ave	1.391	1.377	0.4000	19.8	20.0	-1.0	20.0
trans-1,3-Dichloropropene	Ave	0.5444	0.4517	0.1000	16.6	20.0	-17.0	20.0
Ethyl methacrylate	Ave	0.3754	0.2882		15.4	20.0	-23.2*	20.0
1,1,2-Trichloroethane	Ave	0.2881	0.2726	0.1000	18.9	20.0	-5.4	20.0
Tetrachloroethene	Ave	0.2491	0.2632	0.2000	21.1	20.0	5.6	20.0
1,3-Dichloropropane	Ave	0.5852	0.5548		19.0	20.0	-5.2	20.0
2-Hexanone	Ave	3.736	4.252	0.1000	114	100	13.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232468/3 Calibration Date: 06/24/2014 11:52

Instrument ID: CVOAMS8 Calib Start Date: 06/04/2014 01:21

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/04/2014 03:26

Lab File ID: J14656.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
n-Butyl acetate	Ave	0.6578	0.5296		16.1	20.0	-19.5	20.0
Dibromochloromethane	Ave	0.2562	0.2452	0.1000	19.1	20.0	-4.3	20.0
1,2-Dibromoethane	Ave	0.3195	0.3010	0.1000	18.8	20.0	-5.8	20.0
Chlorobenzene	Ave	0.8294	0.7998	0.5000	19.3	20.0	-3.6	20.0
Ethylbenzene	Ave	0.4492	0.4152	0.1000	18.5	20.0	-7.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2553	0.2345		18.4	20.0	-8.2	20.0
m&p-Xylene	Ave	0.5516	0.5015	0.1000	18.2	20.0	-9.1	20.0
n-Butyl acrylate	Ave	0.3044	0.2033		13.4	20.0	-33.2*	20.0
o-Xylene	Ave	0.5405	0.4894	0.3000	18.1	20.0	-9.4	20.0
Styrene	Ave	0.9658	0.8832	0.3000	18.3	20.0	-8.6	20.0
Amyl acetate (mixed isomers)	Ave	1.473	1.267		17.2	20.0	-14.0	20.0
Bromoform	Ave	0.1435	0.1352	0.1000	18.8	20.0	-5.8	20.0
Isopropylbenzene	Ave	1.203	1.163	0.1000	19.3	20.0	-3.4	20.0
Camphene	Ave	0.0929	0.1173		25.3	20.0	26.3*	20.0
Bromobenzene	Ave	0.6238	0.6811		21.8	20.0	9.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8719	0.8754	0.3000	20.1	20.0	0.4	20.0
N-Propylbenzene	Ave	2.979	3.166		21.3	20.0	6.3	20.0
1,2,3-Trichloropropane	Ave	0.2406	0.2330		19.4	20.0	-3.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3080	0.2773		18.0	20.0	-10.0	20.0
2-Chlorotoluene	Ave	2.268	2.312		20.4	20.0	1.9	20.0
4-Ethyltoluene	Ave	2.508	2.648		21.1	20.0	5.6	50.0
1,3,5-Trimethylbenzene	Ave	2.077	2.159		20.8	20.0	3.9	20.0
4-Chlorotoluene	Ave	2.160	2.167		20.1	20.0	0.3	20.0
Butyl Methacrylate	Ave	0.9357	0.7376		15.8	20.0	-21.2*	20.0
tert-Butylbenzene	Ave	1.508	1.625		21.5	20.0	7.7	20.0
1,2,4-Trimethylbenzene	Ave	2.234	2.320		20.8	20.0	3.8	20.0
sec-Butylbenzene	Ave	2.197	2.442		22.2	20.0	11.2	20.0
4-Isopropyltoluene	Ave	1.903	2.030		21.3	20.0	6.6	20.0
1,3-Dichlorobenzene	Ave	1.144	1.237	0.6000	21.6	20.0	8.1	20.0
1,4-Dichlorobenzene	Ave	1.190	1.245	0.5000	20.9	20.0	4.6	20.0
Benzyl chloride	Ave	1.735	1.177		13.6	20.0	-32.2*	20.0
Indan	Ave	2.217	2.258		20.4	20.0	1.9	20.0
p-Diethylbenzene	Ave	1.160	1.233		21.3	20.0	6.3	50.0
n-Butylbenzene	Ave	2.291	2.564		22.4	20.0	11.9	20.0
1,2-Dichlorobenzene	Ave	1.149	1.226	0.4000	21.4	20.0	6.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.976	2.140		21.7	20.0	8.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1789	0.1726	0.0500	19.3	20.0	-3.5	20.0
Camphor	Ave	0.0919	0.0964		105	100	4.9	20.0
1,2,4-Trichlorobenzene	Ave	0.6853	0.8267	0.2000	24.1	20.0	20.6*	20.0
Hexachlorobutadiene	Ave	0.2219	0.2869		25.9	20.0	29.3*	20.0
Naphthalene	Ave	2.458	2.564		20.9	20.0	4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232468/3 Calibration Date: 06/24/2014 11:52

Instrument ID: CVOAMS8 Calib Start Date: 06/04/2014 01:21

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/04/2014 03:26

Lab File ID: J14656.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
1,2,3-Trichlorobenzene	Ave	0.6492	0.7675		23.6	20.0	18.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2426	0.2446		50.4	50.0	0.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3646	0.3535		48.5	50.0	-3.0	20.0
Toluene-d8 (Surr)	Ave	1.376	1.309		47.6	50.0	-4.9	20.0
Bromofluorobenzene	Ave	0.3200	0.3301		51.6	50.0	3.2	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14656.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2014 11:52:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0014962-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub24

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:58:46 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: martineze Date: 24-Jun-2014 17:37:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.422	1.422	0.000	92	19115	20.0	18.3	
1 Dichlorodifluoromethane	85	1.452	1.452	0.000	89	114289	20.0	18.1	
2 Chloromethane	50	1.622	1.622	0.000	89	122041	20.0	20.0	
4 Vinyl chloride	62	1.710	1.710	0.000	82	105361	20.0	19.6	
149 Butadiene	54	1.740	1.740	0.000	97	99188	20.0	20.4	
6 Bromomethane	94	1.992	1.992	0.000	98	58585	20.0	23.4	
7 Chloroethane	64	2.080	2.080	0.000	99	57698	20.0	26.9	
9 Dichlorofluoromethane	67	2.257	2.257	0.000	89	162483	20.0	21.0	
8 Trichlorofluoromethane	101	2.268	2.268	0.000	86	125883	20.0	22.1	
10 Pentane	72	2.310	2.310	0.000	96	22588	40.0	49.6	
11 Ethanol	46	2.462	2.462	0.000	98	18214	1000.0	2778.0	
13 Ethyl ether	59	2.509	2.509	0.000	92	71043	20.0	20.1	
14 2-Methyl-1,3-butadiene	53	2.521	2.521	0.000	96	82408	20.0	23.2	
15 1,2-Dichloro-1,1,2-trifluo	117	2.551	2.551	0.000	87	63484	20.0	19.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.668	0.000	92	87239	20.0	22.1	
17 Acrolein	56	2.680	2.680	0.000	26	5218	40.0	14.8	
18 1,1-Dichloroethene	96	2.709	2.709	0.000	87	86875	20.0	19.4	
19 Acetone	43	2.797	2.797	0.000	85	217217	100.0	131.5	
20 Iodomethane	142	2.856	2.856	0.000	97	130215	20.0	21.0	
34 Isopropyl alcohol	45	2.891	2.891	0.000	34	52665	200.0	274.9	
21 Carbon disulfide	76	2.891	2.891	0.000	100	314882	20.0	18.4	
147 3-Chloro-1-propene	76	3.026	3.026	0.000	89	53193	20.0	17.3	
23 Methyl acetate	43	3.038	3.038	0.000	98	532281	100.0	100.6	
22 Cyclopentene	67	3.044	3.044	0.000	91	273867	20.0	19.2	
24 Acetonitrile	41	3.091	3.091	0.000	95	172337	200.0	294.2	
* 151 TBA-d9 (IS)	65	3.150	3.150	0.000	90	446373	1000.0	1000.0	
25 Methylene Chloride	84	3.150	3.150	0.000	94	101885	20.0	18.7	
26 2-Methyl-2-propanol	59	3.220	3.220	0.000	98	88849	200.0	275.6	
27 Methyl tert-butyl ether	73	3.308	3.308	0.000	97	293585	20.0	18.4	
29 trans-1,2-Dichloroethene	96	3.338	3.338	0.000	89	94137	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	3.414	3.414	0.000	94	463586	200.0	195.9	
32 Hexane	57	3.491	3.491	0.000	94	124479	20.0	21.2	
35 Isopropyl ether	45	3.702	3.702	0.000	98	381386	20.0	19.6	
36 1,1-Dichloroethane	63	3.737	3.737	0.000	94	197103	20.0	19.0	
37 Vinyl acetate	43	3.755	3.755	0.000	100	397671	40.0	35.0	
38 Allyl alcohol	57	3.767	3.767	0.000	31	30987	500.0	686.0	
33 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	92	81586	20.0	18.1	
40 Tert-butyl ethyl ether	59	4.019	4.019	0.000	87	324527	20.0	18.5	
41 2,2-Dichloropropane	77	4.231	4.231	0.000	89	140011	20.0	17.4	
42 cis-1,2-Dichloroethene	96	4.260	4.260	0.000	86	100858	20.0	19.1	
44 Ethyl acetate	43	4.278	4.278	0.000	96	477053	40.0	37.6	
43 2-Butanone (MEK)	72	4.278	4.278	0.000	95	60107	100.0	117.5	
39 Methyl acrylate	55	4.331	4.331	0.000	97	105050	20.0	17.2	
48 Propionitrile	54	4.407	4.407	0.000	96	168116	200.0	264.5	
45 Tetrahydrofuran	72	4.489	4.489	0.000	71	26439	40.0	42.4	
46 Chlorobromomethane	128	4.489	4.489	0.000	80	43846	20.0	19.8	
31 Methacrylonitrile	67	4.513	4.513	0.000	95	468851	200.0	191.3	
47 Chloroform	83	4.536	4.536	0.000	91	176912	20.0	19.9	
49 Cyclohexane	56	4.666	4.666	0.000	96	155732	20.0	18.6	
50 1,1,1-Trichloroethane	97	4.677	4.677	0.000	93	135675	20.0	18.5	
$ 152 Dibromofluoromethane (Surr	113	4.695	4.695	0.000	94	240580	50.0	50.4	
51 Carbon tetrachloride	117	4.795	4.795	0.000	89	94320	20.0	17.5	
52 1,1-Dichloropropene	75	4.830	4.830	0.000	92	127459	20.0	18.9	
56 Isobutyl alcohol	43	4.954	4.954	0.000	72	87676	500.0	457.0	
155 Isooctane	57	4.995	4.995	0.000	100	353852	20.0	31.7	
53 Benzene	78	5.030	5.030	0.000	96	388183	20.0	19.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.048	5.048	0.000	89	347732	50.0	48.5	
57 Isopropyl acetate	43	5.083	5.083	0.000	94	323677	20.0	18.6	
142 Tert-amyl methyl ether	73	5.089	5.089	0.000	75	273501	20.0	17.7	
55 1,2-Dichloroethane	62	5.124	5.124	0.000	90	144035	20.0	19.0	
58 n-Heptane	57	5.183	5.183	0.000	95	74327	20.0	29.3	
* 59 Fluorobenzene	96	5.318	5.318	0.000	97	983565	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.529	5.529	0.000	92	435876	40.0	47.3	
62 n-Butanol	56	5.617	5.617	0.000	92	42562	500.0	469.8	
61 Trichloroethene	95	5.676	5.676	0.000	89	98160	20.0	19.7	
64 Ethyl acrylate	55	5.794	5.794	0.000	95	246048	20.0	18.3	
63 Methylcyclohexane	83	5.794	5.794	0.000	74	119289	20.0	20.6	
65 1,2-Dichloropropane	63	5.964	5.964	0.000	87	108229	20.0	18.4	
* 150 1,4-Dioxane-d8	96	6.023	6.023	0.000	47	50563	1000.0	1000.0	
66 Methyl methacrylate	100	6.041	6.041	0.000	91	46519	40.0	33.5	
67 1,4-Dioxane	88	6.076	6.076	0.000	42	22779	400.0	767.6	
69 n-Propyl acetate	43	6.093	6.093	0.000	99	166412	20.0	16.3	
68 Dibromomethane	93	6.099	6.099	0.000	79	57871	20.0	17.9	
70 Dichlorobromomethane	83	6.246	6.246	0.000	95	116892	20.0	18.4	
72 2-Chloroethyl vinyl ether	63	6.581	6.581	0.000	88	66556	20.0	16.5	
71 2-Nitropropane	41	6.581	6.581	0.000	69	24278	40.0	22.3	
73 Epichlorohydrin	57	6.693	6.693	0.000	98	212372	400.0	362.5	
74 cis-1,3-Dichloropropene	75	6.746	6.746	0.000	91	147433	20.0	17.6	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.910	0.000	98	566923	100.0	98.7	
$ 76 Toluene-d8 (Surr)	98	6.992	6.992	0.000	98	874828	50.0	47.6	
77 Toluene	91	7.069	7.069	0.000	93	367905	20.0	19.8	
78 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	97	120715	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.445	7.445	0.000	91	113396	20.0	15.4	
79 1,1,2-Trichloroethane	83	7.639	7.639	0.000	88	72848	20.0	18.9	
80 Tetrachloroethene	166	7.680	7.680	0.000	85	70331	20.0	21.1	
81 1,3-Dichloropropane	76	7.844	7.844	0.000	95	148272	20.0	19.0	
83 2-Hexanone	58	7.903	7.903	0.000	99	189797	100.0	113.8	
85 n-Butyl acetate	43	8.021	8.021	0.000	97	141525	20.0	16.1	
84 Chlorodibromomethane	129	8.079	8.079	0.000	96	65534	20.0	19.1	
86 Ethylene Dibromide	107	8.238	8.238	0.000	98	80451	20.0	18.8	
* 87 Chlorobenzene-d5	117	8.784	8.784	0.000	88	668103	50.0	50.0	
88 Chlorobenzene	112	8.820	8.820	0.000	90	213734	20.0	19.3	
89 Ethylbenzene	106	8.920	8.920	0.000	99	110964	20.0	18.5	
90 1,1,1,2-Tetrachloroethane	131	8.937	8.937	0.000	80	62658	20.0	18.4	
91 m-Xylene & p-Xylene	106	9.078	9.078	0.000	99	134019	20.0	18.2	
93 n-Butyl acrylate	73	9.513	9.513	0.000	91	54330	20.0	13.4	
92 o-Xylene	106	9.531	9.531	0.000	92	130797	20.0	18.1	
94 Styrene	104	9.560	9.560	0.000	92	236017	20.0	18.3	
96 Amyl acetate (mixed isomer	43	9.742	9.742	0.000	90	155278	20.0	17.2	
97 Bromoform	173	9.766	9.766	0.000	93	36131	20.0	18.8	
98 Isopropylbenzene	105	9.877	9.877	0.000	97	310703	20.0	19.3	
$ 99 4-Bromofluorobenzene	174	10.059	10.059	0.000	82	220563	50.0	51.6	
95 Camphene	41	10.071	10.071	0.000	97	31353	20.0	25.3	
100 Bromobenzene	156	10.177	10.177	0.000	93	83502	20.0	21.8	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.218	0.000	88	107318	20.0	20.1	
102 N-Propylbenzene	91	10.236	10.236	0.000	92	388183	20.0	21.3	
103 1,2,3-Trichloropropane	110	10.259	10.259	0.000	95	28568	20.0	19.4	
104 trans-1,4-Dichloro-2-buten	53	10.271	10.271	0.000	60	33993	20.0	18.0	
105 2-Chlorotoluene	91	10.330	10.330	0.000	96	283499	20.0	20.4	
143 4-Ethyltoluene	105	10.330	10.330	0.000	93	324628	20.0	21.1	
106 1,3,5-Trimethylbenzene	105	10.388	10.388	0.000	91	264688	20.0	20.8	
107 4-Chlorotoluene	91	10.424	10.424	0.000	99	265730	20.0	20.1	
108 Butyl Methacrylate	87	10.465	10.465	0.000	96	90433	20.0	15.8	
109 tert-Butylbenzene	119	10.623	10.623	0.000	90	199193	20.0	21.5	
110 1,2,4-Trimethylbenzene	105	10.670	10.670	0.000	98	284430	20.0	20.8	
113 sec-Butylbenzene	105	10.782	10.782	0.000	98	299399	20.0	22.2	
114 4-Isopropyltoluene	119	10.882	10.882	0.000	93	248833	20.0	21.3	
115 1,3-Dichlorobenzene	146	10.888	10.888	0.000	92	151653	20.0	21.6	
* 116 1,4-Dichlorobenzene-d4	152	10.941	10.941	0.000	91	306502	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.958	0.000	90	152659	20.0	20.9	
118 Benzyl chloride	91	11.058	11.058	0.000	97	144266	20.0	13.6	
119 2,3-Dihydroindene	117	11.105	11.105	0.000	89	276888	20.0	20.4	
133 p-Diethylbenzene	119	11.140	11.140	0.000	88	151135	20.0	21.3	
120 n-Butylbenzene	91	11.158	11.158	0.000	94	314391	20.0	22.4	
121 1,2-Dichlorobenzene	146	11.205	11.205	0.000	92	150327	20.0	21.4	
132 1,2,4,5-Tetramethylbenzene	119	11.628	11.628	0.000	94	262346	20.0	21.7	
122 1,2-Dibromo-3-Chloropropan	75	11.704	11.704	0.000	87	21161	20.0	19.3	
145 1,3,5-Trichlorobenzene	180	11.787	11.787	0.000	94	99961	20.0	24.3	
123 Camphor	95	12.128	12.128	0.000	93	59090	100.0	104.9	
124 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	92	101354	20.0	24.1	
126 Hexachlorobutadiene	225	12.251	12.251	0.000	89	35178	20.0	25.9	
127 Naphthalene	128	12.357	12.357	0.000	98	314321	20.0	20.9	
128 1,2,3-Trichlorobenzene	180	12.521	12.521	0.000	92	94090	20.0	23.6	
S 130 1,2-Dichloroethene, Total	100				0			38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 131 Xylenes, Total	100				0		40.0	36.3	
S 139 Total BTEX	1				0			94.2	

Report Date: 24-Jun-2014 17:58:46 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14656.D

Injection Date: 24-Jun-2014 11:52:30 Instrument ID: CVOAMS8 Operator ID:

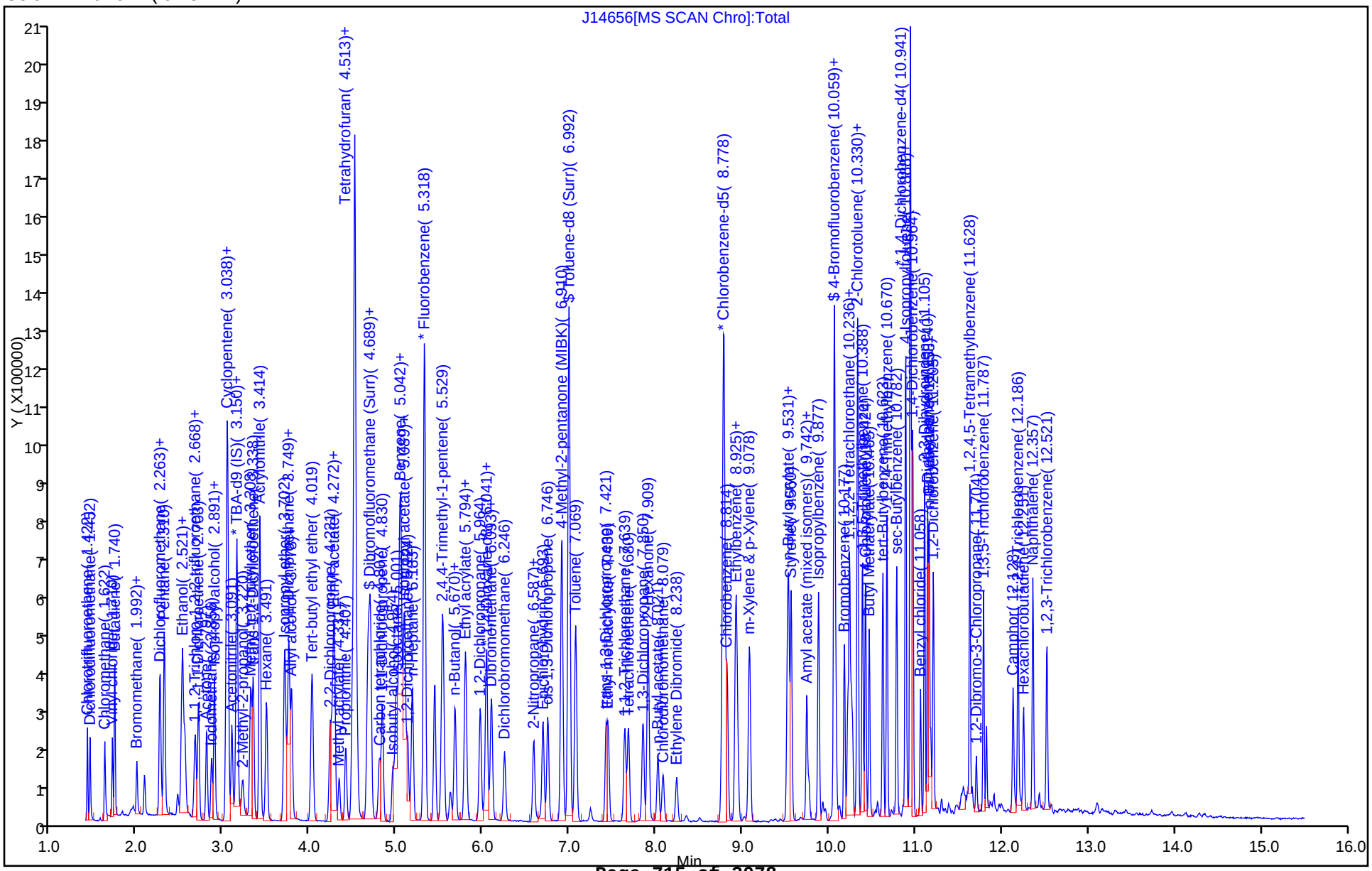
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232119/2 Calibration Date: 06/22/2014 06:50

Instrument ID: CVOAMS9 Calib Start Date: 06/16/2014 13:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/16/2014 16:51

Lab File ID: K28512.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1304	0.1088		16.7	20.0	-16.5	20.0
Dichlorodifluoromethane	Ave	0.7273	0.5969	0.1000	16.4	20.0	-17.9	20.0
Chloromethane	Ave	0.6490	0.5405	0.1000	16.7	20.0	-16.7	20.0
Vinyl chloride	Ave	0.6400	0.5554	0.1000	17.4	20.0	-13.2	20.0
Butadiene	Ave	0.4966	0.4355		17.5	20.0	-12.3	50.0
Bromomethane	Ave	0.3578	0.3041	0.1000	17.0	20.0	-15.0	20.0
Chloroethane	Ave	0.2885	0.2558	0.1000	17.7	20.0	-11.3	20.0
Dichlorofluoromethane	Ave	0.8712	0.8119		18.6	20.0	-6.8	20.0
Trichlorofluoromethane	Ave	0.7609	0.6531	0.1000	17.2	20.0	-14.2	20.0
Pentane	Ave	0.0732	0.0683		37.3	40.0	-6.7	20.0
Ethanol	QuaF		0.0782		1100	1000	10.4	20.0
Ethyl ether	Ave	0.2478	0.2441		19.7	20.0	-1.5	20.0
2-Methyl-1,3-butadiene	Ave	0.3782	0.3724		19.7	20.0	-1.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3346	0.3200		19.1	20.0	-4.4	20.0
Acrolein	Ave	0.5494	0.3311		181	300	-39.7*	20.0
Freon TF	Ave	0.4618	0.4429	0.1000	19.2	20.0	-4.1	20.0
1,1-Dichloroethene	Ave	0.3805	0.3711	0.1000	19.5	20.0	-2.5	20.0
Acetone	QuaF		3.876	0.1000	90.5	100	-9.5	20.0
Iodomethane	Ave	0.6706	0.7185		21.4	20.0	7.1	20.0
Isopropyl alcohol	QuaF		0.8437		184	200	-7.8	20.0
Carbon disulfide	Ave	1.590	1.651	0.1000	20.8	20.0	3.8	20.0
Allyl chloride	Ave	0.2218	0.2254		20.3	20.0	1.6	50.0
Methyl acetate	Ave	0.1991	0.2276	0.1000	114	100	14.3	20.0
Cyclopentene	Ave	1.087	1.151		21.2	20.0	5.9	20.0
Acetonitrile	Ave	1.819	1.749		192	200	-3.8	20.0
Methylene Chloride	Ave	0.3979	0.4136	0.1000	20.8	20.0	3.9	20.0
2-Methyl-2-propanol	QuaF		1.394		217	200	8.6	20.0
MTBE	Ave	0.7980	0.8745	0.1000	21.9	20.0	9.6	20.0
trans-1,2-Dichloroethene	Ave	0.3911	0.4014	0.1000	20.5	20.0	2.6	20.0
Acrylonitrile	Ave	0.0892	0.1011		227	200	13.4	20.0
Hexane	Ave	0.3799	0.3781		19.9	20.0	-0.5	20.0
Isopropyl ether	Ave	1.078	1.135		21.1	20.0	5.3	20.0
1,1-Dichloroethane	Ave	0.7202	0.7333	0.2000	20.4	20.0	1.8	20.0
Allyl alcohol	Ave	0.2314	0.2248		486	500	-2.9	20.0
Vinyl acetate	Ave	0.5345	0.5237		39.2	40.0	-2.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3200	0.3284		20.5	20.0	2.6	20.0
Tert-butyl ethyl ether	Ave	0.9047	0.9719		21.5	20.0	7.4	20.0
2,2-Dichloropropane	Ave	0.6081	0.6236		20.5	20.0	2.5	20.0
cis-1,2-Dichloroethene	Ave	0.3897	0.3906	0.1000	20.0	20.0	0.2	20.0
2-Butanone	Ave	1.265	1.206	0.1000	95.4	100	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232119/2 Calibration Date: 06/22/2014 06:50

Instrument ID: CVOAMS9 Calib Start Date: 06/16/2014 13:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/16/2014 16:51

Lab File ID: K28512.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.5013	0.5324		42.5	40.0	6.2	20.0
Methyl acrylate	Ave	0.2082	0.2143		20.6	20.0	2.9	20.0
Propionitrile	Ave	1.564	1.479		189	200	-5.4	20.0
Bromochloromethane	Ave	0.1729	0.1706		19.7	20.0	-1.3	20.0
Tetrahydrofuran	Ave	4.334	4.056		37.4	40.0	-6.4	20.0
Methacrylonitrile	Ave	0.0972	0.1065		219	200	9.6	20.0
Chloroform	Ave	0.6591	0.6514	0.2000	19.8	20.0	-1.2	20.0
Cyclohexane	Ave	0.7225	0.7644	0.1000	21.2	20.0	5.8	20.0
1,1,1-Trichloroethane	Ave	0.6291	0.6241	0.1000	19.8	20.0	-0.8	20.0
Carbon tetrachloride	Ave	0.5561	0.5530	0.1000	19.9	20.0	-0.6	20.0
1,1-Dichloropropene	Ave	0.4817	0.4813		20.0	20.0	-0.0	20.0
Isobutyl alcohol	Ave	0.5010	0.4700		469	500	-6.2	20.0
Benzene	Ave	2.071	2.105	0.5000	20.3	20.0	1.6	20.0
Isopropyl acetate	Ave	0.7360	0.7591		20.6	20.0	3.1	20.0
Tert-amyl methyl ether	Ave	0.8251	0.9006		21.8	20.0	9.2	20.0
1,2-Dichloroethane	Ave	0.4042	0.4014	0.1000	19.9	20.0	-0.7	20.0
n-Heptane	Ave	0.3337	0.3278		19.6	20.0	-1.8	20.0
2,4,4-Trimethyl-1-pentene	Ave	1.093	1.098		40.2	40.0	0.5	20.0
n-Butanol	Ave	0.3699	0.3142		425	500	-15.1	20.0
Trichloroethene	Ave	0.3924	0.3757	0.2000	19.1	20.0	-4.3	20.0
Ethyl acrylate	Ave	0.8869	0.9212		20.8	20.0	3.9	20.0
Methylcyclohexane	Ave	0.6958	0.7229	0.1000	20.8	20.0	3.9	20.0
1,2-Dichloropropane	Ave	0.3629	0.3442	0.1000	19.0	20.0	-5.1	20.0
Methyl methacrylate	Ave	0.2089	0.2108		40.3	40.0	0.9	20.0
1,4-Dioxane	Ave	1.483	1.529		413	400	3.1	20.0
n-Propyl acetate	Ave	0.3531	0.3667		20.8	20.0	3.9	20.0
Dibromomethane	Ave	0.1992	0.1900		19.1	20.0	-4.7	20.0
Bromodichloromethane	Ave	0.4790	0.4522	0.2000	18.9	20.0	-5.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1345	0.1274		18.9	20.0	-5.3	20.0
2-Nitropropane	Ave	0.0645	0.0613		38.0	40.0	-4.9	20.0
Epichlorohydrin	Ave	0.0330	0.0346		419	400	4.8	20.0
cis-1,3-Dichloropropene	Ave	0.6928	0.6977	0.2000	20.1	20.0	0.7	20.0
4-Methyl-2-pentanone	Ave	0.3313	0.3820	0.1000	115	100	15.3	20.0
Toluene	Ave	2.094	2.030	0.4000	19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.5408	0.5263	0.1000	19.5	20.0	-2.7	20.0
Ethyl methacrylate	Ave	0.4060	0.4097		20.2	20.0	0.9	20.0
1,1,2-Trichloroethane	Ave	0.3103	0.3005	0.1000	19.4	20.0	-3.2	20.0
Tetrachloroethene	Ave	0.5502	0.5285	0.2000	19.2	20.0	-3.9	20.0
1,3-Dichloropropane	Ave	0.5747	0.5742		20.0	20.0	-0.1	20.0
2-Hexanone	Ave	0.2213	0.2465	0.1000	111	100	11.4	20.0
n-Butyl acetate	QuaF		0.4870		21.6	20.0	8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232119/2 Calibration Date: 06/22/2014 06:50

Instrument ID: CVOAMS9 Calib Start Date: 06/16/2014 13:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/16/2014 16:51

Lab File ID: K28512.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromochloromethane	Ave	0.4438	0.4263	0.1000	19.2	20.0	-3.9	20.0
1,2-Dibromoethane	Ave	0.3553	0.3446	0.1000	19.4	20.0	-3.0	20.0
Chlorobenzene	Ave	1.329	1.271	0.5000	19.1	20.0	-4.3	20.0
Ethylbenzene	Ave	0.7204	0.6768	0.1000	18.8	20.0	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4959	0.4708		19.0	20.0	-5.1	20.0
m&p-Xylene	Ave	0.8344	0.8038	0.1000	19.3	20.0	-3.7	20.0
n-Butyl acrylate	QuaF		0.2122		16.8	20.0	-15.8	20.0
o-Xylene	Ave	0.8449	0.8432	0.3000	20.0	20.0	-0.2	20.0
Styrene	Ave	1.360	1.327	0.3000	19.5	20.0	-2.4	20.0
Amyl acetate (mixed isomers)	Ave	1.046	1.130		21.6	20.0	8.0	20.0
Bromoform	Ave	0.2903	0.2832	0.1000	19.5	20.0	-2.5	20.0
Isopropylbenzene	Ave	2.250	2.334	0.1000	20.7	20.0	3.7	20.0
Camphene	Ave	0.2108	0.2090		19.8	20.0	-0.8	20.0
Bromobenzene	Ave	1.067	1.041		19.5	20.0	-2.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9339	0.9712	0.3000	20.8	20.0	4.0	20.0
N-Propylbenzene	Ave	5.360	5.706		21.3	20.0	6.5	20.0
1,2,3-Trichloropropane	Ave	0.2286	0.2396		21.0	20.0	4.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2553	0.2597		20.3	20.0	1.7	20.0
2-Chlorotoluene	Ave	3.687	3.813		20.7	20.0	3.4	20.0
4-Ethyltoluene	Ave	4.421	4.687		21.2	20.0	6.0	50.0
1,3,5-Trimethylbenzene	Ave	3.629	3.919		21.6	20.0	8.0	20.0
4-Chlorotoluene	Ave	3.206	3.262		20.4	20.0	1.8	20.0
Butyl Methacrylate	QuaF		0.9892		18.3	20.0	-8.7	20.0
tert-Butylbenzene	Ave	2.933	3.086		21.0	20.0	5.2	20.0
1,2,4-Trimethylbenzene	Ave	3.653	3.962		21.7	20.0	8.4	20.0
sec-Butylbenzene	Ave	4.823	5.335		22.1	20.0	10.6	20.0
4-Isopropyltoluene	Ave	4.073	4.416		21.7	20.0	8.4	20.0
1,3-Dichlorobenzene	Ave	2.147	2.123	0.6000	19.8	20.0	-1.1	20.0
1,4-Dichlorobenzene	Ave	2.155	2.082	0.5000	19.3	20.0	-3.4	20.0
Benzyl chloride	Ave	1.514	1.634		21.6	20.0	7.9	20.0
Indan	Ave	3.583	3.715		20.7	20.0	3.7	20.0
p-Diethylbenzene	Ave	2.611	2.729		20.9	20.0	4.5	50.0
n-Butylbenzene	Ave	5.115	5.604		21.9	20.0	9.6	20.0
1,2-Dichlorobenzene	Ave	2.028	2.014	0.4000	19.9	20.0	-0.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.522	3.700		21.0	20.0	5.1	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1969	0.0500	24.2	20.0	21.2*	20.0
Camphor	QuaF		0.0852		109	100	8.9	20.0
1,2,4-Trichlorobenzene	Ave	1.643	1.646	0.2000	20.0	20.0	0.1	20.0
Hexachlorobutadiene	Ave	0.9755	0.9713		19.9	20.0	-0.4	20.0
Naphthalene	Ave	3.041	3.196		21.0	20.0	5.1	20.0
1,2,3-Trichlorobenzene	Ave	1.548	1.542		19.9	20.0	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232119/2 Calibration Date: 06/22/2014 06:50

Instrument ID: CVOAMS9 Calib Start Date: 06/16/2014 13:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/16/2014 16:51

Lab File ID: K28512.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2901	0.2600		44.8	50.0	-10.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2934	0.2557		43.6	50.0	-12.8	20.0
Toluene-d8 (Surr)	Ave	1.509	1.343		44.5	50.0	-11.0	20.0
Bromofluorobenzene	Ave	0.4402	0.3821		43.4	50.0	-13.2	20.0

Report Date: 23-Jun-2014 11:15:17 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28512.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Jun-2014 06:50:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0014879-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub15

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:15:16 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 08:51:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.578	1.578	0.000	81	32510	20.0	16.7	
1 Dichlorodifluoromethane	85	1.616	1.616	0.000	87	178292	20.0	16.4	
2 Chloromethane	50	1.787	1.787	0.000	89	161467	20.0	16.7	
4 Vinyl chloride	62	1.888	1.888	0.000	83	165904	20.0	17.4	
149 Butadiene	54	1.894	1.894	0.000	98	130099	20.0	17.5	
6 Bromomethane	94	2.183	2.183	0.000	96	90836	20.0	17.0	
7 Chloroethane	64	2.252	2.252	0.000	97	76416	20.0	17.7	
9 Dichlorofluoromethane	67	2.445	2.445	0.000	90	242537	20.0	18.6	
8 Trichlorofluoromethane	101	2.456	2.456	0.000	82	195102	20.0	17.2	
10 Pentane	72	2.482	2.482	0.000	96	40800	40.0	37.3	
11 Ethanol	46	2.670	2.670	0.000	89	29996	1000.0	1104.3	
13 Ethyl ether	59	2.686	2.686	0.000	84	72903	20.0	19.7	
14 2-Methyl-1,3-butadiene	53	2.707	2.707	0.000	98	111235	20.0	19.7	
15 1,2-Dichloro-1,1,2-trifluo	117	2.734	2.734	0.000	85	95575	20.0	19.1	
17 Acrolein	56	2.862	2.862	0.000	43	38111	300.0	180.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.873	2.873	0.000	95	132293	20.0	19.2	
18 1,1-Dichloroethene	96	2.900	2.900	0.000	89	110847	20.0	19.5	
19 Acetone	43	2.990	2.990	0.000	85	148709	100.0	90.5	
20 Iodomethane	142	3.055	3.055	0.000	98	214628	20.0	21.4	
34 Isopropyl alcohol	45	3.076	3.076	0.000	97	64740	200.0	184.3	
21 Carbon disulfide	76	3.092	3.092	0.000	100	493112	20.0	20.8	
147 3-Chloro-1-propene	76	3.226	3.226	0.000	90	67329	20.0	20.3	
23 Methyl acetate	43	3.237	3.237	0.000	99	339899	100.0	114.3	
22 Cyclopentene	67	3.247	3.247	0.000	93	343841	20.0	21.2	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	57	383648	1000.0	1000.0	
25 Methylene Chloride	84	3.354	3.354	0.000	86	123534	20.0	20.8	
26 2-Methyl-2-propanol	59	3.418	3.418	0.000	93	106943	200.0	217.1	
27 Methyl tert-butyl ether	73	3.525	3.525	0.000	97	261234	20.0	21.9	
29 trans-1,2-Dichloroethene	96	3.547	3.547	0.000	89	119902	20.0	20.5	
30 Acrylonitrile	53	3.622	3.622	0.000	93	302088	200.0	226.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
24 Acetonitrile	41	3.290	3.290	0.000	93	134219	200.0	192.3	
32 Hexane	43	3.707	3.707	0.000	93	112945	20.0	19.9	
38 Allyl alcohol	57	3.959	3.959	0.000	31	43113	500.0	485.6	
35 Isopropyl ether	45	3.927	3.927	0.000	95	339064	20.0	21.1	
36 1,1-Dichloroethane	63	3.953	3.953	0.000	92	219036	20.0	20.4	
37 Vinyl acetate	43	3.964	3.964	0.000	100	312874	40.0	39.2	
33 2-Chloro-1,3-butadiene	88	4.002	4.002	0.000	88	98088	20.0	20.5	
40 Tert-butyl ethyl ether	59	4.248	4.248	0.000	89	290317	20.0	21.5	
41 2,2-Dichloropropane	77	4.462	4.462	0.000	87	186274	20.0	20.5	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	89	116678	20.0	20.0	
44 Ethyl acetate	43	4.499	4.499	0.000	94	318101	40.0	42.5	
43 2-Butanone (MEK)	72	4.499	4.499	0.000	96	46260	100.0	95.4	
39 Methyl acrylate	55	4.553	4.553	0.000	97	64028	20.0	20.6	
48 Propionitrile	54	4.633	4.633	0.000	95	113501	200.0	189.2	
46 Chlorobromomethane	128	4.713	4.713	0.000	75	50967	20.0	19.7	
45 Tetrahydrofuran	42	4.718	4.718	0.000	48	62242	40.0	37.4	
31 Methacrylonitrile	67	4.734	4.734	0.000	93	318043	200.0	219.2	
47 Chloroform	83	4.761	4.761	0.000	93	194586	20.0	19.8	
49 Cyclohexane	56	4.911	4.911	0.000	94	228342	20.0	21.2	
50 1,1,1-Trichloroethane	97	4.916	4.916	0.000	91	186434	20.0	19.8	
$ 152 Dibromofluoromethane (Surr	113	4.922	4.922	0.000	96	194148	50.0	44.8	
51 Carbon tetrachloride	117	5.039	5.039	0.000	89	165187	20.0	19.9	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	94	143773	20.0	20.0	
56 Isobutyl alcohol	43	5.173	5.173	0.000	91	90148	500.0	469.0	
53 Benzene	78	5.269	5.269	0.000	96	439162	20.0	20.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.280	0.000	87	190950	50.0	43.6	
57 Isopropyl acetate	43	5.323	5.323	0.000	95	226759	20.0	20.6	
142 Tert-amyl methyl ether	73	5.339	5.339	0.000	94	269017	20.0	21.8	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	89	119892	20.0	19.9	
58 n-Heptane	57	5.425	5.425	0.000	94	97912	20.0	19.6	
* 59 Fluorobenzene	96	5.558	5.558	0.000	98	746794	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.783	5.783	0.000	93	656074	40.0	40.2	
62 n-Butanol	56	5.842	5.842	0.000	90	60264	500.0	424.7	
61 Trichloroethene	95	5.917	5.917	0.000	95	112226	20.0	19.1	
64 Ethyl acrylate	55	6.045	6.045	0.000	96	275188	20.0	20.8	
63 Methylcyclohexane	83	6.051	6.051	0.000	95	215940	20.0	20.8	
65 1,2-Dichloropropane	63	6.211	6.211	0.000	89	102828	20.0	19.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.000	57	35178	1000.0	1000.0	
66 Methyl methacrylate	41	6.281	6.281	0.000	89	125918	40.0	40.3	
67 1,4-Dioxane	88	6.323	6.323	0.000	80	21520	400.0	412.6	
69 n-Propyl acetate	43	6.334	6.334	0.000	99	109542	20.0	20.8	
68 Dibromomethane	93	6.339	6.339	0.000	66	56741	20.0	19.1	
70 Dichlorobromomethane	83	6.484	6.484	0.000	96	135069	20.0	18.9	
71 2-Nitropropane	41	6.826	6.826	0.000	83	36613	40.0	38.0	
72 2-Chloroethyl vinyl ether	63	6.826	6.826	0.000	69	38052	20.0	18.9	
73 Epichlorohydrin	57	6.933	6.933	0.000	98	144330	400.0	419.3	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	89	145543	20.0	20.1	
75 4-Methyl-2-pentanone (MIBK	43	7.163	7.163	0.000	98	398432	100.0	115.3	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	700401	50.0	44.5	
77 Toluene	91	7.329	7.329	0.000	94	423500	20.0	19.4	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	95	109792	20.0	19.5	
82 Ethyl methacrylate	69	7.698	7.698	0.000	89	85470	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.885	7.885	0.000	91	62681	20.0	19.4	
80 Tetrachloroethene	166	7.944	7.944	0.000	93	110252	20.0	19.2	
81 1,3-Dichloropropane	76	8.105	8.105	0.000	92	119774	20.0	20.0	
83 2-Hexanone	43	8.164	8.164	0.000	98	257100	100.0	111.4	
85 n-Butyl acetate	43	8.276	8.276	0.000	98	101600	20.0	21.6	
84 Chlorodibromomethane	129	8.335	8.335	0.000	97	88937	20.0	19.2	
86 Ethylene Dibromide	107	8.495	8.495	0.000	98	71876	20.0	19.4	
* 87 Chlorobenzene-d5	117	9.046	9.046	0.000	84	521519	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	92	265098	20.0	19.1	
89 Ethylbenzene	106	9.180	9.180	0.000	99	141184	20.0	18.8	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	91	98206	20.0	19.0	
91 m-Xylene & p-Xylene	106	9.325	9.325	0.000	96	167673	20.0	19.3	
93 n-Butyl acrylate	73	9.715	9.715	0.000	94	44275	20.0	16.8	
92 o-Xylene	106	9.736	9.736	0.000	93	175898	20.0	20.0	
94 Styrene	104	9.763	9.763	0.000	93	276788	20.0	19.5	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	89	119554	20.0	21.6	
97 Bromoform	173	9.950	9.950	0.000	96	59068	20.0	19.5	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	486949	20.0	20.7	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	90	199253	50.0	43.4	
95 Camphene	41	10.255	10.255	0.000	96	43608	20.0	19.8	
100 Bromobenzene	156	10.346	10.346	0.000	97	110126	20.0	19.5	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	89	102770	20.0	20.8	
102 N-Propylbenzene	91	10.405	10.405	0.000	98	603807	20.0	21.3	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	97	25355	20.0	21.0	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	84	27478	20.0	20.3	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	403503	20.0	20.7	
143 4-Ethyltoluene	105	10.496	10.496	0.000	91	495939	20.0	21.2	
106 1,3,5-Trimethylbenzene	105	10.544	10.544	0.000	92	414751	20.0	21.6	
107 4-Chlorotoluene	91	10.582	10.582	0.000	96	345240	20.0	20.4	
108 Butyl Methacrylate	87	10.614	10.614	0.000	93	104678	20.0	18.3	
109 tert-Butylbenzene	119	10.774	10.774	0.000	89	326610	20.0	21.0	
110 1,2,4-Trimethylbenzene	105	10.822	10.822	0.000	98	419270	20.0	21.7	
113 sec-Butylbenzene	105	10.929	10.929	0.000	99	564544	20.0	22.1	
114 4-Isopropyltoluene	119	11.026	11.026	0.000	96	467335	20.0	21.7	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	95	224646	20.0	19.8	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	95	264554	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.095	11.095	0.000	94	220329	20.0	19.3	
118 Benzyl chloride	91	11.192	11.192	0.000	99	172944	20.0	21.6	
119 2,3-Dihydroindene	117	11.240	11.240	0.000	90	393124	20.0	20.7	
133 p-Diethylbenzene	119	11.272	11.272	0.000	91	288804	20.0	20.9	
120 n-Butylbenzene	91	11.288	11.288	0.000	98	593057	20.0	21.9	
121 1,2-Dichlorobenzene	146	11.336	11.336	0.000	95	213114	20.0	19.9	
132 1,2,4,5-Tetramethylbenzene	119	11.743	11.743	0.000	97	391572	20.0	21.0	
122 1,2-Dibromo-3-Chloropropan	75	11.818	11.818	0.000	95	20841	20.0	24.2	
145 1,3,5-Trichlorobenzene	180	11.908	11.908	0.000	97	198425	20.0	19.8	
123 Camphor	95	12.262	12.262	0.000	93	45092	100.0	108.9	
124 1,2,4-Trichlorobenzene	180	12.315	12.315	0.000	92	174132	20.0	20.0	
126 Hexachlorobutadiene	225	12.385	12.385	0.000	92	102779	20.0	19.9	
127 Naphthalene	128	12.497	12.497	0.000	99	338221	20.0	21.0	
128 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	94	163169	20.0	19.9	
S 130 1,2-Dichloroethene, Total	100				0			40.6	
S 131 Xylenes, Total	100				0		40.0	39.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0			97.7	

Report Date: 23-Jun-2014 11:15:17 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28512.D

Injection Date: 22-Jun-2014 06:50:30 Instrument ID: CVOAMS9 Operator ID:

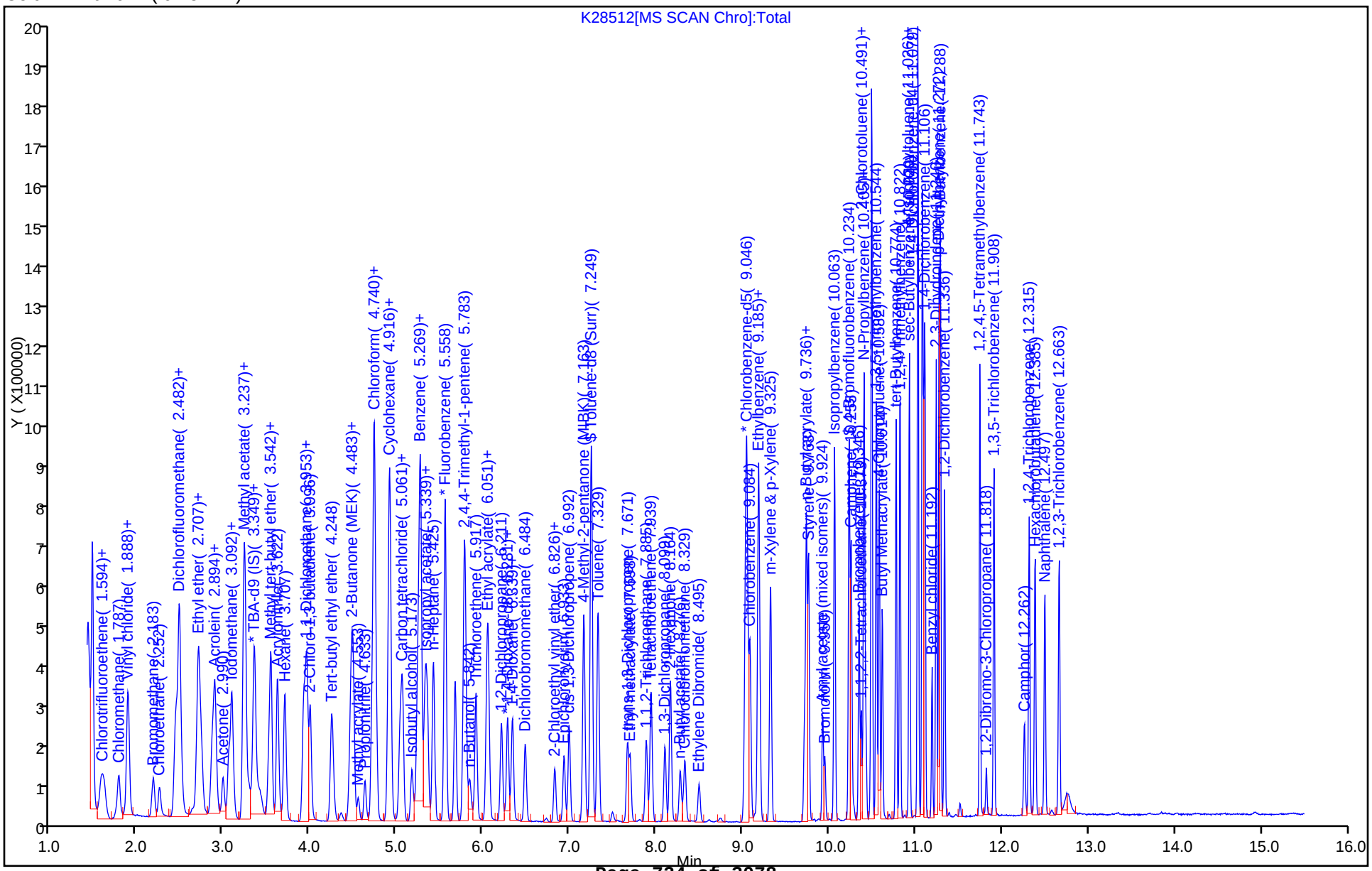
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03858.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	23-May-2014 19:36:30	ALS Bottle#:	99	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0013753-001				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\8260624W_1.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	27-May-2014 09:05:47	Calib Date:	24-May-2014 00:40:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK031				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 151 BFB	95	2.899	2.899	0.000	79	86604	NR	NR	

QC Flag Legend

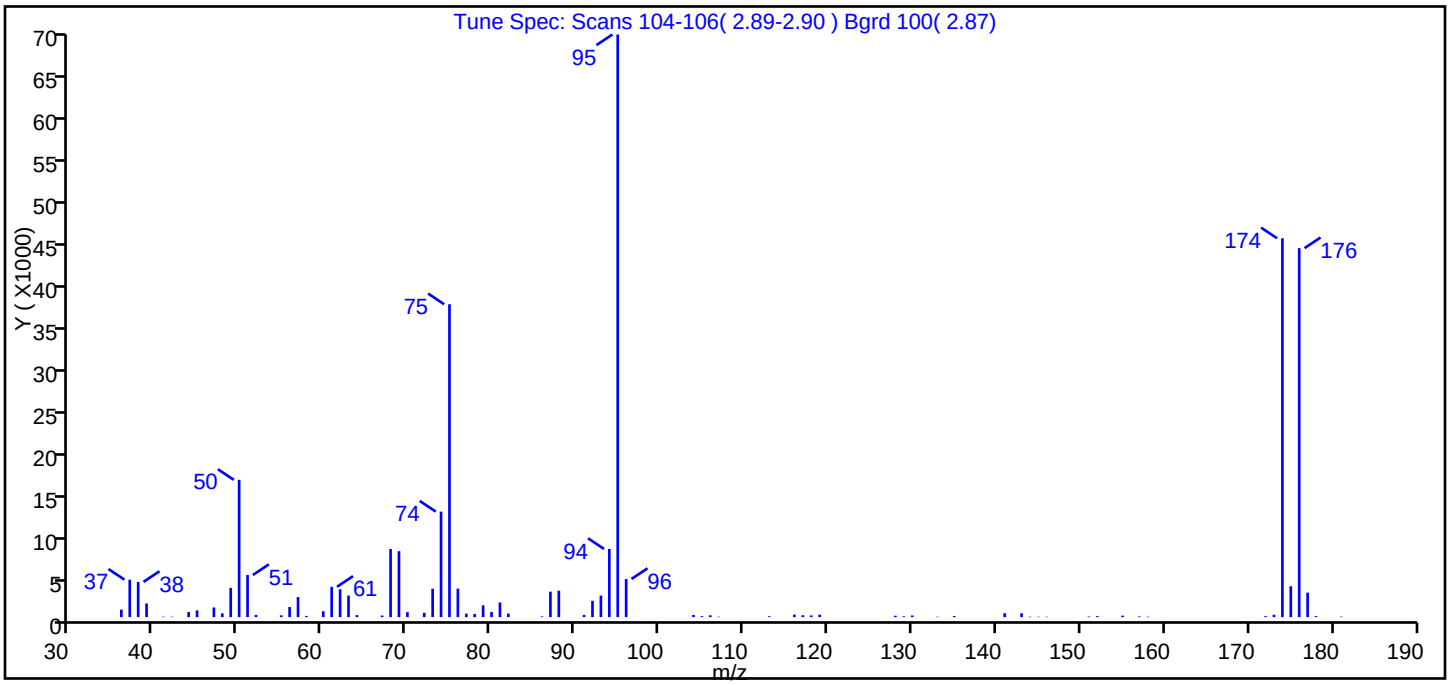
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03858.D
Injection Date: 23-May-2014 19:36:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	53.70
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.40 (0.60)
174	50.00 - 120.00% of mass 95	65.00
175	5.00 - 9.00% of mass 174	5.30 (8.10)
176	95.00 - 101.00% of mass 174	63.30 (97.40)
177	5.00 - 9.00% of mass 176	4.20 (6.60)

Data File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03858.D\8260624W_1.rslt\spectra.d
Injection Date: 23-May-2014 19:36:30
Spectrum: Tune Spec: Scans 104-106(2.89-2.90) Bgrd 100(2.87)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	899	62.00	3319	88.00	3149	135.00	133
37.00	4460	63.00	2566	91.00	258	141.00	467
38.00	4196	64.00	245	92.00	1944	143.00	452
39.00	1624	67.00	193	93.00	2573	144.00	57
41.00	53	68.00	8117	94.00	8120	145.00	50
42.00	50	69.00	7856	95.00	69376	146.00	50
44.00	605	70.00	592	96.00	4541	151.00	72
45.00	804	72.00	514	104.00	262	152.00	121
47.00	1155	73.00	3381	105.00	118	155.00	180
48.00	451	74.00	12568	106.00	220	157.00	85
49.00	3483	75.00	37256	107.00	50	158.00	58
50.00	16348	76.00	3397	113.00	106	172.00	120
51.00	5020	77.00	414	116.00	306	173.00	283
52.00	258	78.00	377	117.00	230	174.00	45112
55.00	218	79.00	1412	118.00	206	175.00	3676
56.00	1204	80.00	622	119.00	289	176.00	43936
57.00	2392	81.00	1753	128.00	169	177.00	2920
58.00	150	82.00	424	129.00	102	178.00	120
60.00	699	86.00	89	130.00	198	181.00	59
61.00	3610	87.00	3035	133.00	51		

Report Date: 23-Jun-2014 10:05:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05237.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 23-Jun-2014 07:34:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014903-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 10:05:29 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 23-Jun-2014 07:41:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 151 BFB	95	2.887	2.887	0.000	76	76635	NR	NR	

QC Flag Legend

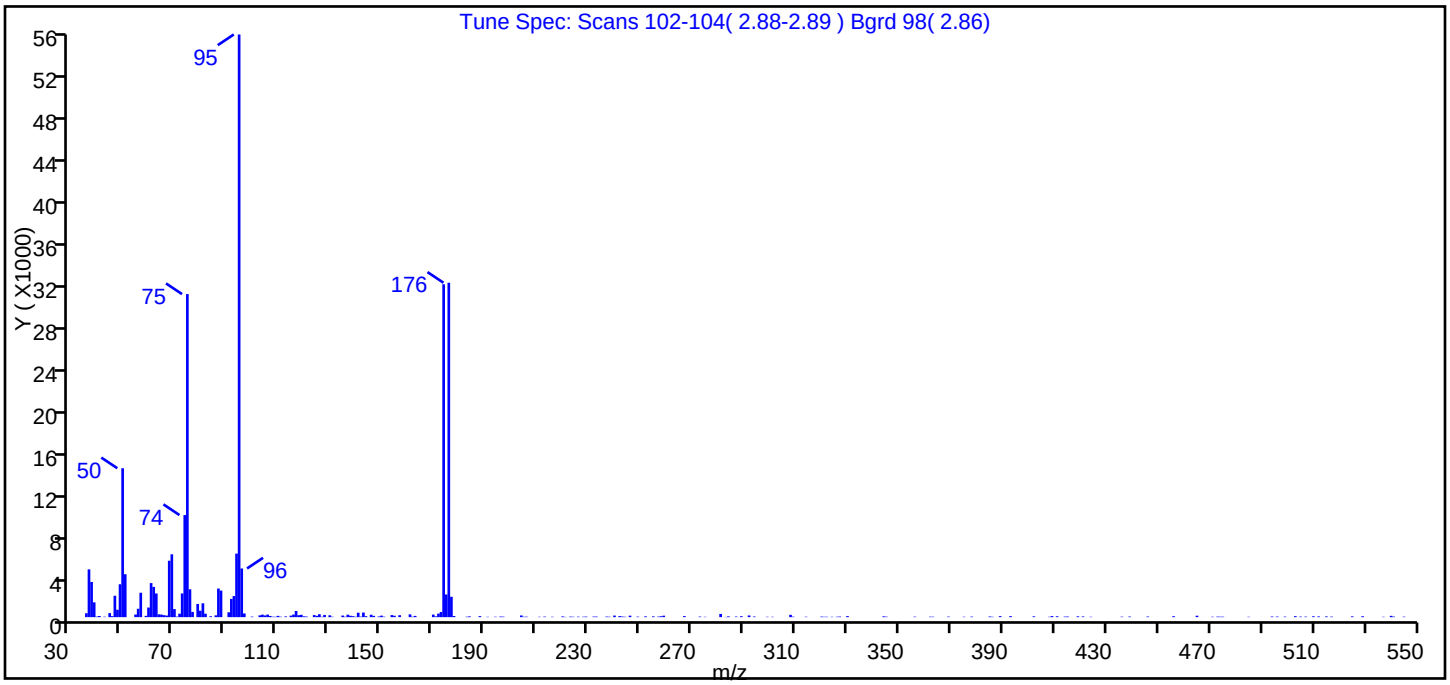
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05237.D
Injection Date: 23-Jun-2014 07:34:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.60
75	30.00 - 60.00% of mass 95	55.40
96	5.00 - 9.00% of mass 95	8.40
173	Less than 2.00% of mass 174	0.90 (1.50)
174	50.00 - 120.00% of mass 95	57.10
175	5.00 - 9.00% of mass 174	3.90 (6.80)
176	95.00 - 101.00% of mass 174	57.40 (100.50)
177	5.00 - 9.00% of mass 176	3.50 (6.10)

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05237.D\8260624W_1.rslt\spectra.d
Injection Date: 23-Jun-2014 07:34:30
Spectrum: Tune Spec: Scans 102-104(2.88-2.89) Bgrd 98(2.86)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 212

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	371	104.00	238	178.00	107	321.00	34
37.00	4549	105.00	164	183.00	43	322.00	37
38.00	3350	106.00	245	184.00	72	324.00	33
39.00	1407	107.00	114	185.00	1	326.00	39
40.00	52	108.00	43	188.00	96	327.00	55
41.00	110	109.00	35	191.00	33	330.00	99
43.00	40	110.00	123	194.00	39	344.00	75
45.00	383	111.00	40	196.00	55	345.00	45
46.00	93	113.00	68	197.00	47	356.00	46
47.00	2037	115.00	142	204.00	161	362.00	43
48.00	704	116.00	243	205.00	37	363.00	40
49.00	3131	117.00	586	206.00	44	369.00	50
50.00	14178	118.00	185	211.00	34	375.00	38
51.00	4084	119.00	223	213.00	52	378.00	52
55.00	248	120.00	77	216.00	37	385.00	63
56.00	798	121.00	56	220.00	70	386.00	34
57.00	2323	124.00	197	221.00	23	389.00	93
59.00	125	125.00	126	223.00	49	393.00	94
60.00	914	126.00	279	224.00	36	402.00	77
61.00	3242	127.00	40	226.00	46	408.00	34
62.00	2878	128.00	210	228.00	39	409.00	99
63.00	2252	130.00	175	229.00	52	411.00	81
64.00	269	131.00	39	232.00	52	414.00	50
65.00	246	135.00	151	233.00	53	415.00	57
66.00	188	136.00	43	237.00	53	419.00	77
67.00	149	137.00	235	238.00	38	421.00	65
68.00	5370	138.00	133	240.00	149	424.00	36
69.00	5986	139.00	91	242.00	98	436.00	45
70.00	769	140.00	39	243.00	58	439.00	57
71.00	51	141.00	422	244.00	38	446.00	59
72.00	328	142.00	49	246.00	140	456.00	87
73.00	2257	143.00	437	249.00	48	465.00	136
74.00	9722	144.00	89	252.00	76	471.00	38

Report Date: 23-Jun-2014 10:05:31 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05237.D\8260624W_1.rslt\spectra.d
Injection Date: 23-Jun-2014 07:34:30
Spectrum: Tune Spec: Scans 102-104(2.88-2.89) Bgrd 98(2.86)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 212

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	30760	145.00	6	255.00	73	473.00	50
76.00	2654	146.00	227	257.00	51	474.00	42
77.00	500	147.00	122	258.00	83	475.00	43
79.00	1257	149.00	63	259.00	139	485.00	35
80.00	611	150.00	146	267.00	99	494.00	60
81.00	1319	151.00	41	273.00	54	496.00	55
82.00	325	154.00	195	275.00	33	499.00	50
84.00	83	155.00	132	281.00	304	503.00	94
86.00	169	157.00	185	283.00	19	505.00	51
87.00	2724	161.00	266	284.00	75	507.00	48
88.00	2530	162.00	42	287.00	55	510.00	80
91.00	461	163.00	120	289.00	88	512.00	67
92.00	1734	170.00	242	292.00	160	515.00	68
93.00	2007	171.00	77	294.00	61	517.00	51
94.00	6049	172.00	335	299.00	36	525.00	74
95.00	55480	173.00	487	301.00	34	529.00	87
96.00	4634	174.00	31696	308.00	220	537.00	35
97.00	349	175.00	2156	309.00	44	540.00	125
100.00	53	176.00	31840	314.00	40	541.00	53
103.00	172	177.00	1938	320.00	51	545.00	46

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68815.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-May-2014 06:53:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0013868-001
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-May-2014 18:10:59 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 28-May-2014 06:59:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 151 BFB	95	2.342	2.342	0.000	86	68014	NR	NR	

QC Flag Legend

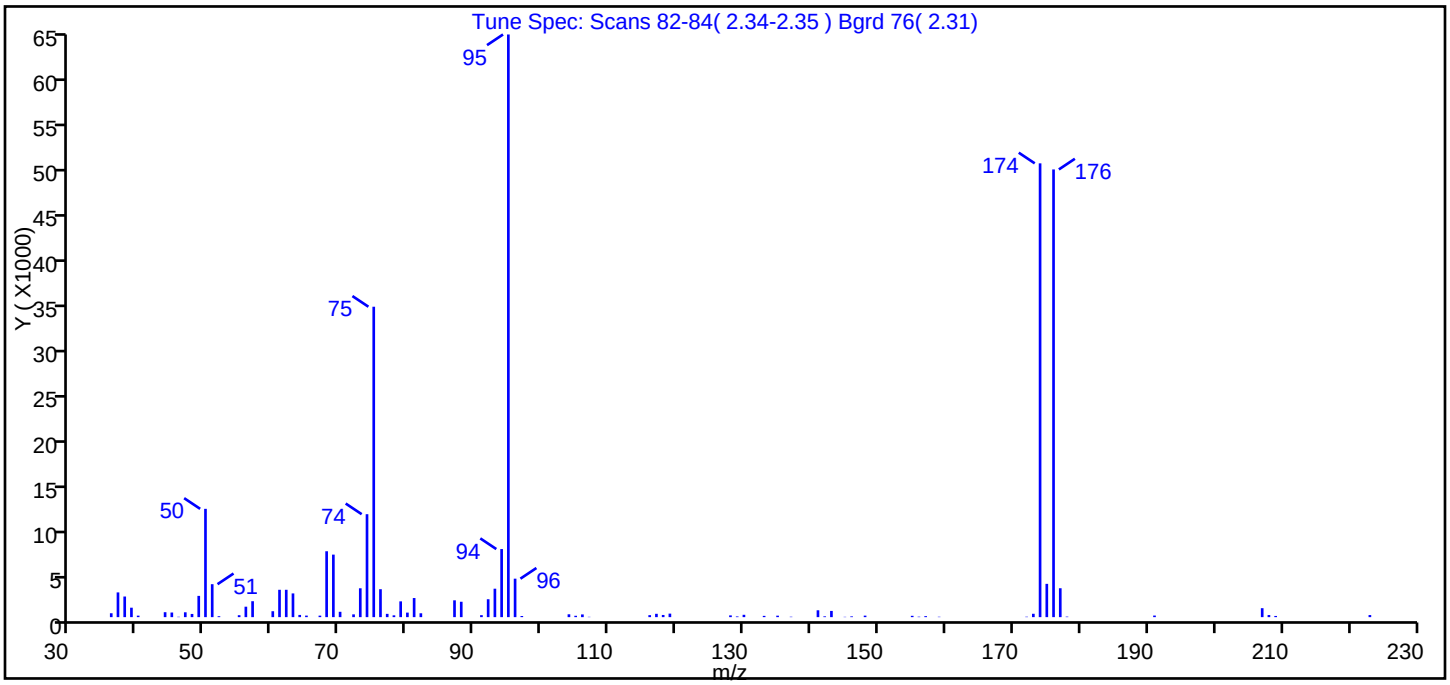
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68815.D
Injection Date: 28-May-2014 06:53:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.60
75	30.00 - 60.00% of mass 95	53.30
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.60 (0.70)
174	50.00 - 120.00% of mass 95	77.90
175	5.00 - 9.00% of mass 174	5.70 (7.30)
176	95.00 - 101.00% of mass 174	76.80 (98.70)
177	5.00 - 9.00% of mass 176	5.00 (6.50)

Data File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68815.D\8260W_2.rslt\spectra.d
Injection Date: 28-May-2014 06:53:30
Spectrum: Tune Spec: Scans 82-84(2.34-2.35) Bgrd 76(2.31)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	429	64.00	244	93.00	3136	143.00	686
37.00	2728	65.00	171	94.00	7506	145.00	34
38.00	2274	67.00	166	95.00	64240	146.00	83
39.00	1042	68.00	7265	96.00	4241	148.00	166
40.00	165	69.00	6894	97.00	124	155.00	146
44.00	545	70.00	590	104.00	315	156.00	50
45.00	510	72.00	307	105.00	151	157.00	110
46.00	40	73.00	3182	106.00	300	159.00	43
47.00	535	74.00	11350	107.00	34	172.00	47
48.00	353	75.00	34224	116.00	220	173.00	372
49.00	2344	76.00	3080	117.00	368	174.00	50032
50.00	11941	77.00	363	118.00	240	175.00	3670
51.00	3634	78.00	200	119.00	388	176.00	49360
52.00	101	79.00	1740	128.00	193	177.00	3187
55.00	213	80.00	500	129.00	77	178.00	57
56.00	1152	81.00	2107	130.00	259	191.00	176
57.00	1756	82.00	427	133.00	140	207.00	988
60.00	653	87.00	1854	135.00	162	208.00	232
61.00	3017	88.00	1697	137.00	46	209.00	132
62.00	3016	91.00	218	141.00	757	223.00	230
63.00	2616	92.00	1975	142.00	87		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69900.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Jun-2014 04:56:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014950-001
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:27:50 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:27:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 151 BFB	95	2.342	2.342	0.000	84	77301	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

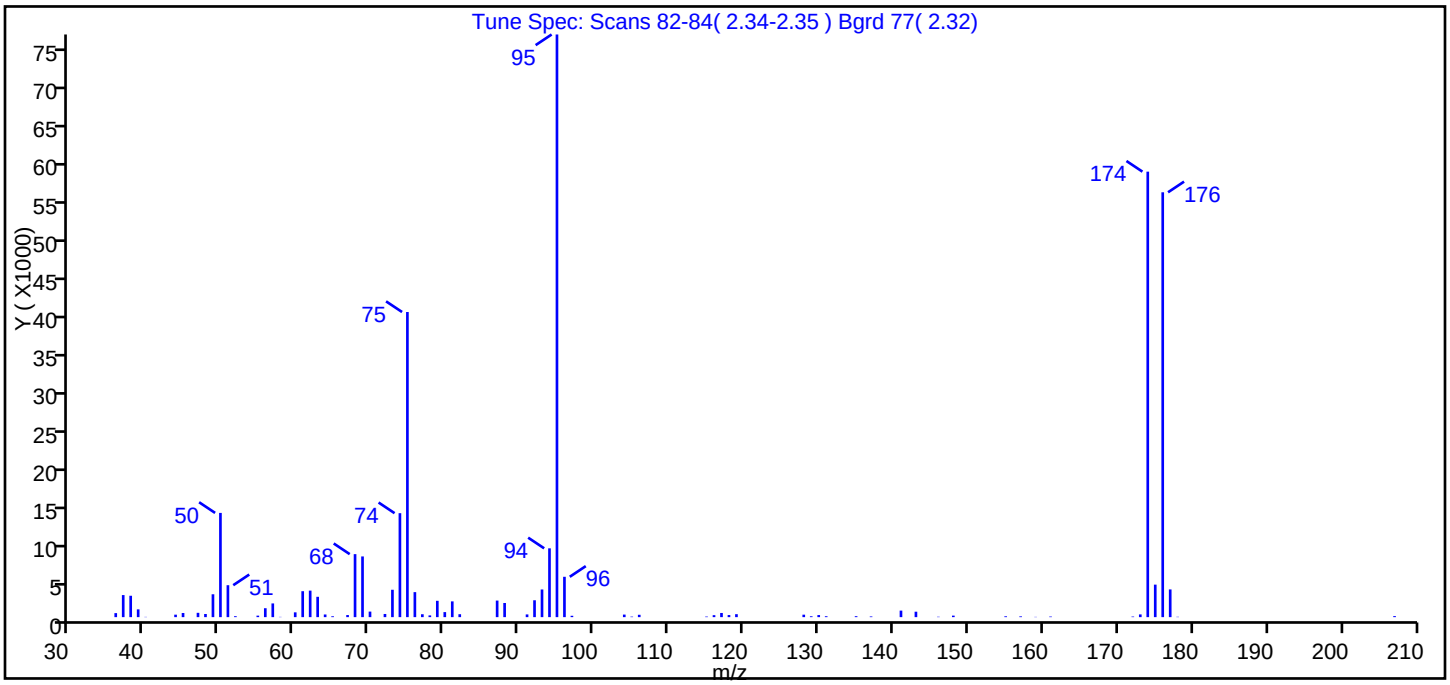
Report Date: 24-Jun-2014 12:27:50 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69900.D
Injection Date: 24-Jun-2014 04:56:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.90
75	30.00 - 60.00% of mass 95	52.40
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.50 (0.60)
174	50.00 - 120.00% of mass 95	76.50
175	5.00 - 9.00% of mass 174	5.60 (7.30)
176	95.00 - 101.00% of mass 174	72.90 (95.40)
177	5.00 - 9.00% of mass 176	4.80 (6.50)

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69900.D\8260W_2.rslt\spectra.d
Injection Date: 24-Jun-2014 04:56:30
Spectrum: Tune Spec: Scans 82-84(2.34-2.35) Bgrd 77(2.32)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	528	63.00	2666	91.00	357	137.00	90
37.00	2893	64.00	350	92.00	2212	141.00	857
38.00	2803	65.00	114	93.00	3627	143.00	713
39.00	1020	67.00	275	94.00	9021	146.00	51
40.00	33	68.00	8259	95.00	76384	148.00	199
44.00	325	69.00	7958	96.00	5290	155.00	111
45.00	542	70.00	728	97.00	179	157.00	100
47.00	566	72.00	415	104.00	336	159.00	34
48.00	413	73.00	3590	105.00	68	161.00	77
49.00	2999	74.00	13629	106.00	310	172.00	77
50.00	13665	75.00	40000	115.00	76	173.00	358
51.00	4187	76.00	3279	116.00	259	174.00	58400
52.00	123	77.00	381	117.00	547	175.00	4262
55.00	197	78.00	228	118.00	274	176.00	55696
56.00	1170	79.00	2141	119.00	389	177.00	3634
57.00	1798	80.00	661	128.00	324	178.00	45
58.00	34	81.00	2067	129.00	113	207.00	134
60.00	629	82.00	385	130.00	271		
61.00	3401	87.00	2172	131.00	119		
62.00	3477	88.00	1855	135.00	124		

Report Date: 04-Jun-2014 12:08:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13736.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Jun-2014 00:29:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014140-001
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Jun-2014 12:08:12 Calib Date: 04-Jun-2014 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13742.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: delpolitov Date: 04-Jun-2014 12:08:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	4.148	4.148	0.000	81	104399	NR	NR	

QC Flag Legend

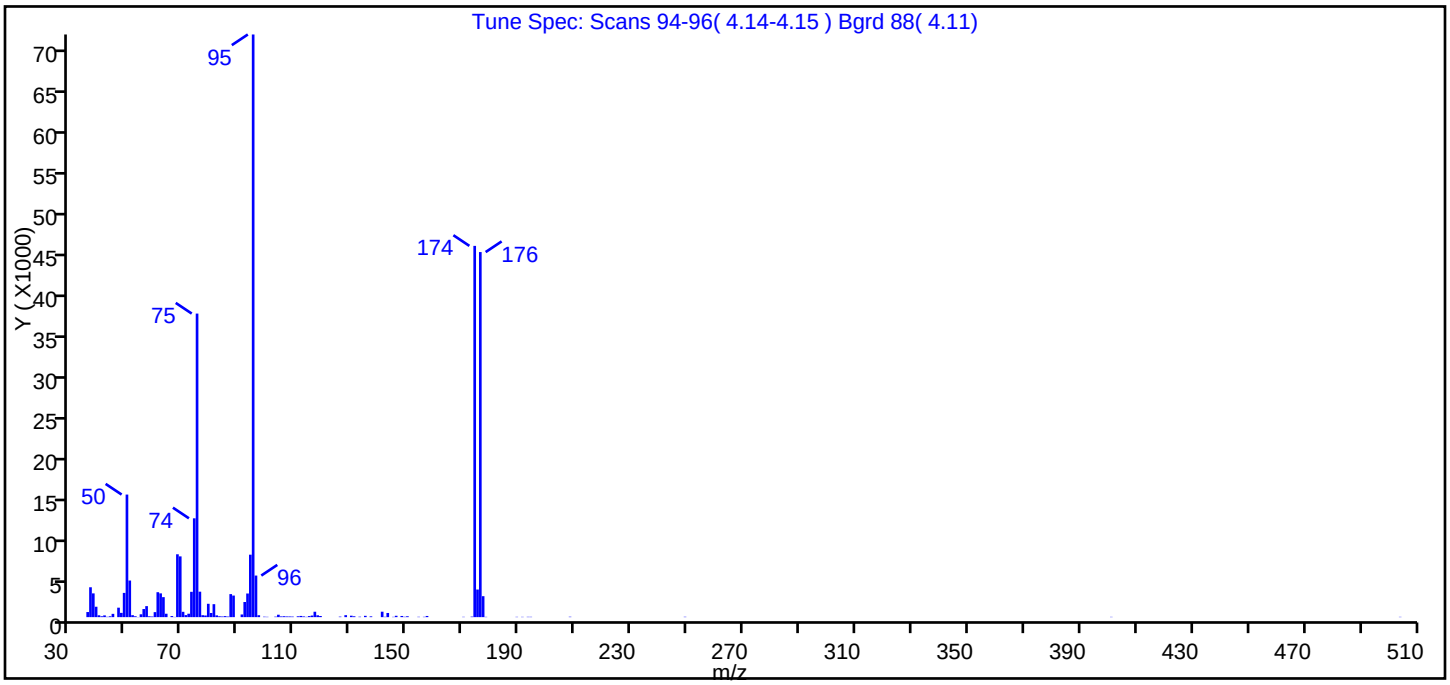
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13736.D
Injection Date: 04-Jun-2014 00:29:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.00
75	30.00 - 60.00% of mass 95	52.10
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.10 (0.10)
174	50.00 - 120.00% of mass 95	63.70
175	5.00 - 9.00% of mass 174	4.70 (7.40)
176	95.00 - 101.00% of mass 174	62.70 (98.30)
177	5.00 - 9.00% of mass 176	3.60 (5.70)

Report Date: 04-Jun-2014 12:08:12 Chrom Revision: 2.2 16-May-2014 10:46:48

Data File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13736.D\8260_W8.rslt\spectra.d
Injection Date: 04-Jun-2014 00:29:30
Spectrum: Tune Spec: Scans 94-96(4.14-4.15) Bgrd 88(4.11)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	626	66.00	132	96.00	5111	142.00	44
37.00	3673	67.00	26	97.00	236	143.00	512
38.00	2920	68.00	7727	99.00	54	145.00	36
39.00	1279	69.00	7468	100.00	39	146.00	168
40.00	228	70.00	655	103.00	62	148.00	144
41.00	105	71.00	251	104.00	298	149.00	46
42.00	215	72.00	421	105.00	88	150.00	108
43.00	43	73.00	3113	106.00	111	154.00	42
44.00	104	74.00	12146	107.00	83	156.00	41
45.00	405	75.00	37312	108.00	82	157.00	144
47.00	1163	76.00	3129	109.00	69	170.00	38
48.00	526	77.00	236	111.00	104	173.00	65
49.00	2980	78.00	201	112.00	149	174.00	45632
50.00	15066	79.00	1642	113.00	89	175.00	3393
51.00	4500	80.00	511	114.00	35	176.00	44872
52.00	240	81.00	1594	115.00	131	177.00	2575
53.00	106	82.00	216	116.00	194	178.00	35
54.00	18	83.00	107	117.00	664	189.00	37
55.00	351	84.00	79	118.00	228	191.00	35
56.00	997	85.00	126	119.00	142	193.00	40
57.00	1354	86.00	72	126.00	63	194.00	39
58.00	104	87.00	2831	128.00	240	208.00	50
59.00	76	88.00	2653	130.00	175	249.00	44
60.00	615	91.00	328	131.00	105	401.00	34
61.00	3066	92.00	1860	133.00	54	504.00	35
62.00	2922	93.00	2906	135.00	162		
63.00	2458	94.00	7677	137.00	95		
64.00	419	95.00	71616	141.00	669		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14654.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Jun-2014 10:26:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014962-001
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:40:52 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: martineze Date: 24-Jun-2014 17:36:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	4.163	4.163	0.000	1	392	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

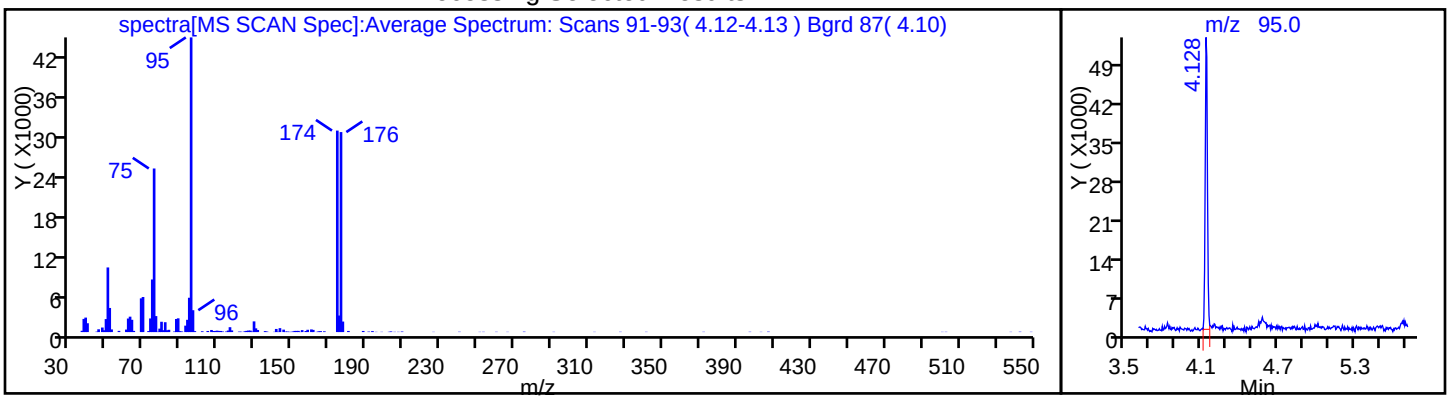
User Selected Alternate Hit Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14654.D
Injection Date: 24-Jun-2014 10:26:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

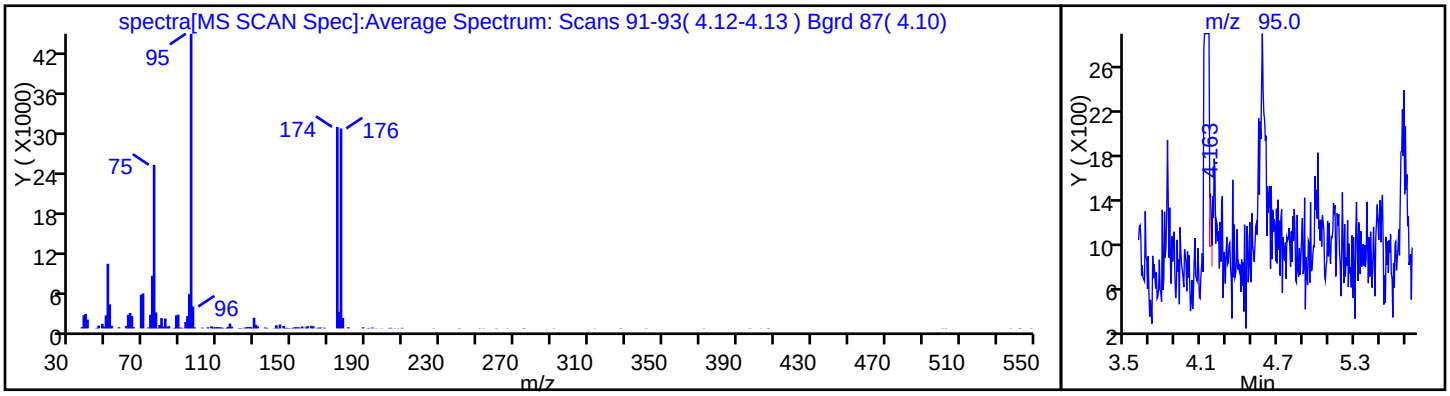
$ 140 BFB, CAS: 460-00-4

Processing Selected Results



RT: 4.13
Response: 64308
Amount: 0

Manual Selected Results



RT: 4.16
Response: 392
Amount: 0

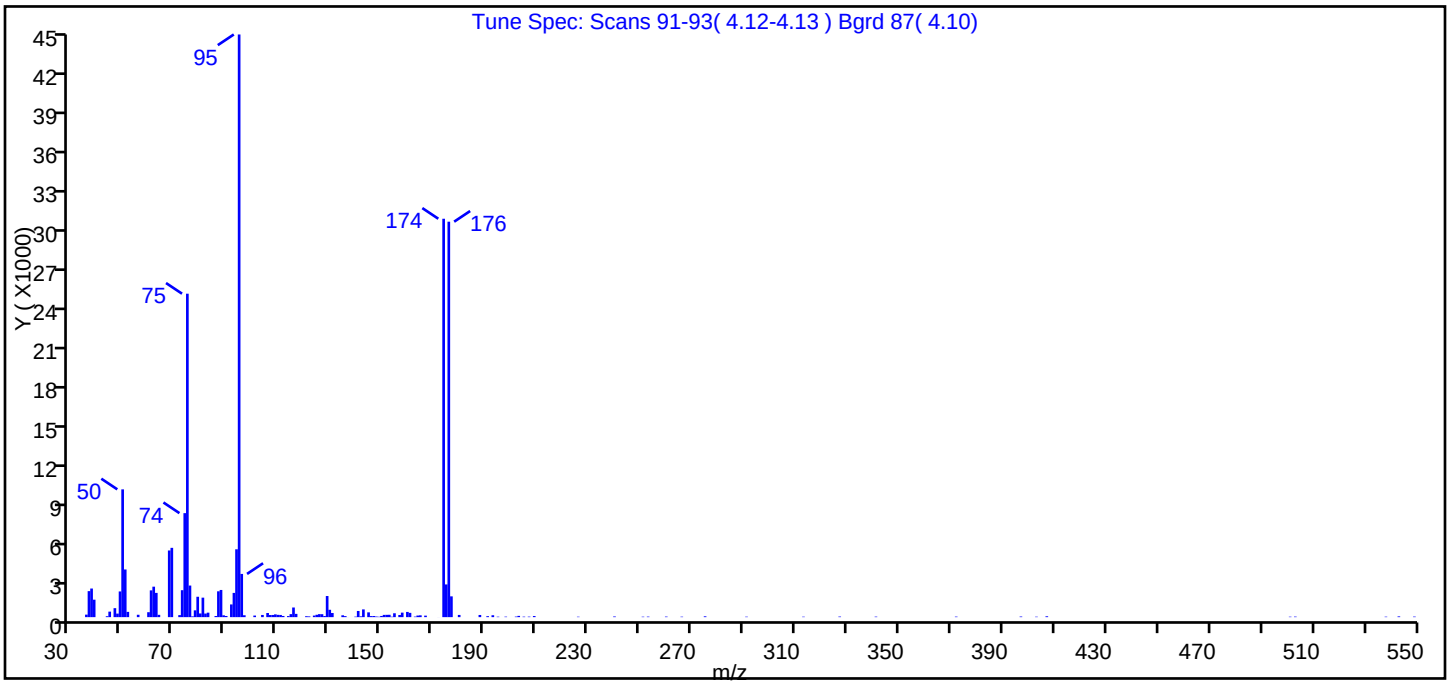
Reviewer: martineze, 24-Jun-2014 11:37:11
Audit Action: Assigned Compound ID
Audit Reason:

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14654.D
Injection Date: 24-Jun-2014 10:26:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.90
75	30.00 - 60.00% of mass 95	55.50
96	5.00 - 9.00% of mass 95	7.40
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	68.40
175	5.00 - 9.00% of mass 174	5.60 (8.20)
176	95.00 - 101.00% of mass 174	67.90 (99.30)
177	5.00 - 9.00% of mass 176	3.60 (5.30)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14654.D\8260_W8.rslt\spectra.d
Injection Date: 24-Jun-2014 10:26:30
Spectrum: Tune Spec: Scans 91-93(4.12-4.13) Bgrd 87(4.10)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	191	86.00	86	131.00	314	188.00	165
37.00	1980	87.00	1967	135.00	140	191.00	74
38.00	2178	88.00	2069	136.00	77	193.00	144
39.00	1329	89.00	138	137.00	3	195.00	35
44.00	69	90.00	88	140.00	39	198.00	38
45.00	420	92.00	967	141.00	470	202.00	42
47.00	683	93.00	1845	142.00	60	203.00	96
48.00	269	94.00	5164	143.00	589	205.00	38
49.00	1956	95.00	44344	145.00	364	207.00	39
50.00	9725	96.00	3289	146.00	81	209.00	83
51.00	3628	97.00	143	147.00	84	226.00	33
52.00	401	101.00	120	148.00	47	240.00	50
53.00	2	104.00	166	149.00	30	251.00	34
56.00	181	106.00	315	150.00	90	253.00	40
60.00	375	107.00	161	151.00	172	260.00	42
61.00	2037	108.00	166	152.00	176	266.00	35
62.00	2319	109.00	211	153.00	180	275.00	62
63.00	1846	110.00	175	154.00	33	291.00	35
64.00	176	111.00	167	155.00	295	313.00	34
68.00	5074	112.00	90	157.00	164	327.00	44
69.00	5275	114.00	80	158.00	344	341.00	39
72.00	154	115.00	229	160.00	397	372.00	40
73.00	2051	116.00	734	161.00	326	397.00	47
74.00	7915	117.00	249	163.00	41	403.00	34
75.00	24616	121.00	70	164.00	121	407.00	65
76.00	2404	122.00	56	165.00	138	501.00	34
77.00	58	124.00	119	167.00	115	503.00	40
78.00	518	125.00	181	172.00	3	538.00	36
79.00	1551	126.00	229	174.00	30320	543.00	56
80.00	280	127.00	224	175.00	2489	549.00	41
81.00	1483	128.00	84	176.00	30096		
82.00	272	129.00	1608	177.00	1582		
83.00	341	130.00	560	180.00	168		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	191	86.00	86	131.00	314	188.00	165
37.00	1980	87.00	1967	135.00	140	191.00	74
38.00	2178	88.00	2069	136.00	77	193.00	144
39.00	1329	89.00	138	137.00	3	195.00	35
44.00	69	90.00	88	140.00	39	198.00	38
45.00	420	92.00	967	141.00	470	202.00	42
47.00	683	93.00	1845	142.00	60	203.00	96
48.00	269	94.00	5164	143.00	589	205.00	38
49.00	1956	95.00	44344	145.00	364	207.00	39
50.00	9725	96.00	3289	146.00	81	209.00	83
51.00	3628	97.00	143	147.00	84	226.00	33
52.00	401	101.00	120	148.00	47	240.00	50
53.00	2	104.00	166	149.00	30	251.00	34
56.00	181	106.00	315	150.00	90	253.00	40
60.00	375	107.00	161	151.00	172	260.00	42
61.00	2037	108.00	166	152.00	176	266.00	35
62.00	2319	109.00	211	153.00	180	275.00	62
63.00	1846	110.00	175	154.00	33	291.00	35
64.00	176	111.00	167	155.00	295	313.00	34
68.00	5074	112.00	90	157.00	164	327.00	44
69.00	5275	114.00	80	158.00	344	341.00	39
72.00	154	115.00	229	160.00	397	372.00	40
73.00	2051	116.00	734	161.00	326	397.00	47
74.00	7915	117.00	249	163.00	41	403.00	34
75.00	24616	121.00	70	164.00	121	407.00	65
76.00	2404	122.00	56	165.00	138	501.00	34
77.00	58	124.00	119	167.00	115	503.00	40
78.00	518	125.00	181	172.00	3	538.00	36
79.00	1551	126.00	229	174.00	30320	543.00	56
80.00	280	127.00	224	175.00	2489	549.00	41
81.00	1483	128.00	84	176.00	30096		
82.00	272	129.00	1608	177.00	1582		
83.00	341	130.00	560	180.00	168		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28240.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-Jun-2014 11:59:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014635-001
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Jun-2014 09:36:46 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: tupayachia Date: 17-Jun-2014 09:36:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	4.058	4.058	0.000	90	87610	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

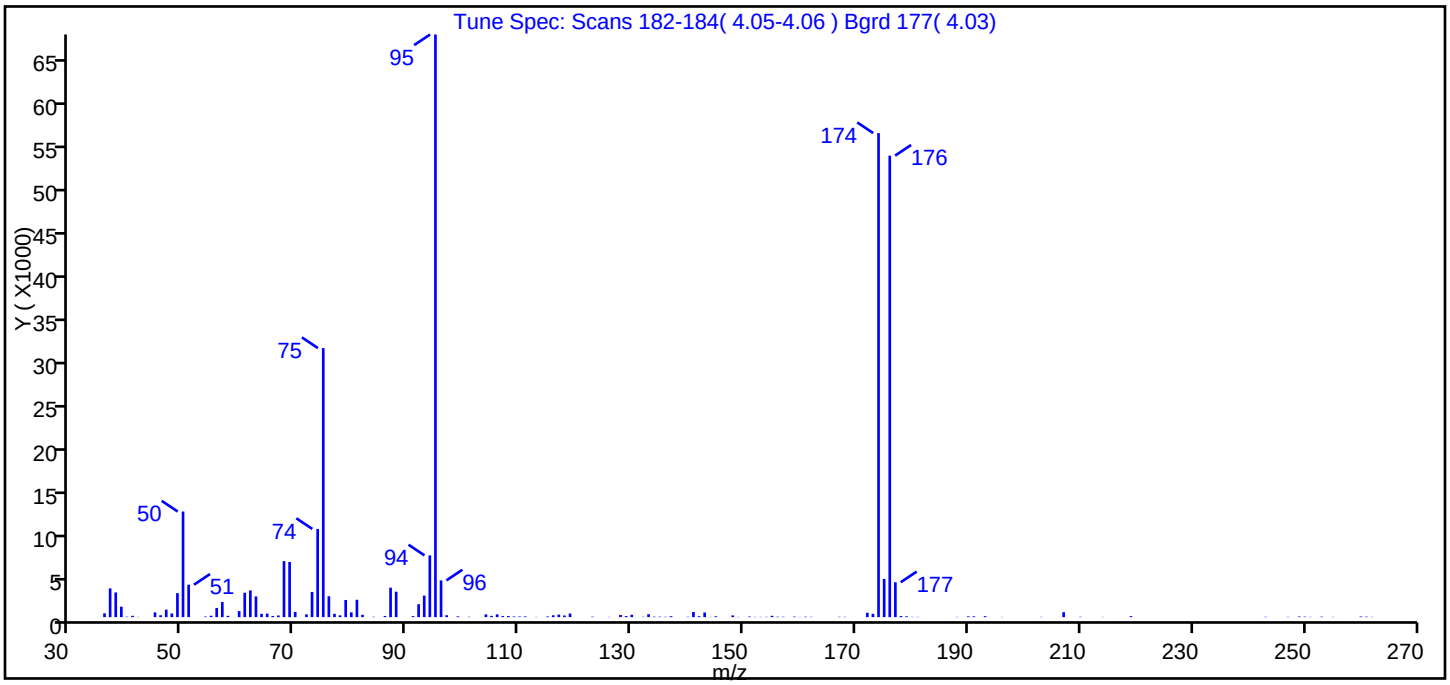
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28240.D
Injection Date: 16-Jun-2014 11:59:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.10
75	30.00 - 60.00% of mass 95	46.20
96	5.00 - 9.00% of mass 95	6.30
173	Less than 2.00% of mass 174	0.60 (0.70)
174	50.00 - 120.00% of mass 95	83.10
175	5.00 - 9.00% of mass 174	6.60 (7.90)
176	95.00 - 101.00% of mass 174	79.20 (95.30)
177	5.00 - 9.00% of mass 176	6.00 (7.60)

Data File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28240.D\8260S9.rslt\spectra.d
Injection Date: 16-Jun-2014 11:59:30
Spectrum: Tune Spec: Scans 182-184(4.05-4.06) Bgrd 177(4.03)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	446	75.00	31216	117.00	298	167.00	41
37.00	3337	76.00	2425	118.00	192	168.00	39
38.00	2867	77.00	384	119.00	417	172.00	506
39.00	1211	78.00	208	123.00	54	173.00	383
40.00	47	79.00	1991	126.00	27	174.00	56160
41.00	157	80.00	555	128.00	260	175.00	4437
42.00	25	81.00	2017	129.00	129	176.00	53544
45.00	552	82.00	271	130.00	277	177.00	4048
46.00	219	84.00	44	132.00	38	178.00	128
47.00	875	86.00	138	133.00	339	179.00	98
48.00	426	87.00	3422	134.00	58	180.00	33
49.00	2784	88.00	2951	135.00	54	181.00	32
50.00	12253	91.00	116	136.00	39	188.00	30
51.00	3764	92.00	1500	137.00	111	190.00	92
54.00	74	93.00	2500	140.00	42	191.00	95
55.00	163	94.00	7165	141.00	599	193.00	113
56.00	1069	95.00	67600	142.00	107	196.00	27
57.00	1752	96.00	4262	143.00	539	203.00	32
58.00	152	97.00	221	144.00	27	207.00	575
60.00	700	99.00	95	145.00	100	210.00	40
61.00	2832	101.00	42	148.00	198	214.00	26
62.00	3103	103.00	8	149.00	27	219.00	115
63.00	2405	104.00	323	151.00	73	243.00	43
64.00	384	105.00	151	152.00	31	247.00	36
65.00	411	106.00	325	153.00	28	249.00	75
66.00	134	107.00	123	154.00	39	250.00	57
67.00	191	108.00	130	155.00	157	251.00	31
68.00	6501	109.00	78	156.00	51	253.00	55
69.00	6405	110.00	74	157.00	47	255.00	30
70.00	596	111.00	86	159.00	63	260.00	75
72.00	324	113.00	28	160.00	25	261.00	56
73.00	2925	115.00	83	161.00	55	262.00	32
74.00	10232	116.00	215	162.00	39		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	446	75.00	31216	117.00	298	167.00	41
37.00	3337	76.00	2425	118.00	192	168.00	39
38.00	2867	77.00	384	119.00	417	172.00	506
39.00	1211	78.00	208	123.00	54	173.00	383
40.00	47	79.00	1991	126.00	27	174.00	56160
41.00	157	80.00	555	128.00	260	175.00	4437
42.00	25	81.00	2017	129.00	129	176.00	53544
45.00	552	82.00	271	130.00	277	177.00	4048
46.00	219	84.00	44	132.00	38	178.00	128
47.00	875	86.00	138	133.00	339	179.00	98
48.00	426	87.00	3422	134.00	58	180.00	33
49.00	2784	88.00	2951	135.00	54	181.00	32
50.00	12253	91.00	116	136.00	39	188.00	30
51.00	3764	92.00	1500	137.00	111	190.00	92
54.00	74	93.00	2500	140.00	42	191.00	95
55.00	163	94.00	7165	141.00	599	193.00	113
56.00	1069	95.00	67600	142.00	107	196.00	27
57.00	1752	96.00	4262	143.00	539	203.00	32
58.00	152	97.00	221	144.00	27	207.00	575
60.00	700	99.00	95	145.00	100	210.00	40
61.00	2832	101.00	42	148.00	198	214.00	26
62.00	3103	103.00	8	149.00	27	219.00	115
63.00	2405	104.00	323	151.00	73	243.00	43
64.00	384	105.00	151	152.00	31	247.00	36
65.00	411	106.00	325	153.00	28	249.00	75
66.00	134	107.00	123	154.00	39	250.00	57
67.00	191	108.00	130	155.00	157	251.00	31
68.00	6501	109.00	78	156.00	51	253.00	55
69.00	6405	110.00	74	157.00	47	255.00	30
70.00	596	111.00	86	159.00	63	260.00	75
72.00	324	113.00	28	160.00	25	261.00	56
73.00	2925	115.00	83	161.00	55	262.00	32
74.00	10232	116.00	215	162.00	39		

Report Date: 23-Jun-2014 08:50:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28511.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-Jun-2014 06:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014879-001
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 08:50:51 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 23-Jun-2014 08:50:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	4.058	4.058	0.000	86	96542	NR	NR	

QC Flag Legend

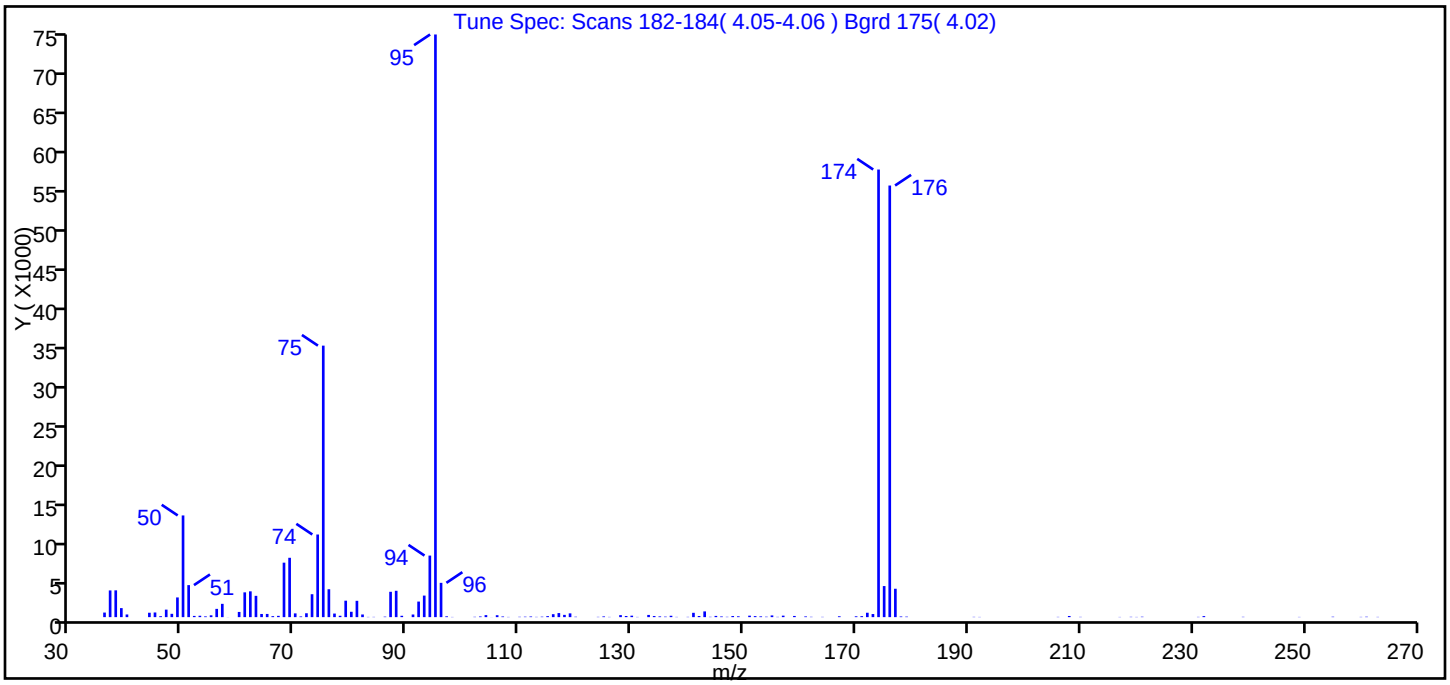
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28511.D
Injection Date: 22-Jun-2014 06:01:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.50
75	30.00 - 60.00% of mass 95	46.60
96	5.00 - 9.00% of mass 95	5.90
173	Less than 2.00% of mass 174	0.50 (0.70)
174	50.00 - 120.00% of mass 95	76.80
175	5.00 - 9.00% of mass 174	5.30 (6.90)
176	95.00 - 101.00% of mass 174	74.10 (96.40)
177	5.00 - 9.00% of mass 176	4.90 (6.60)

Report Date: 23-Jun-2014 08:50:52 Chrom Revision: 2.2 16-May-2014 10:46:48

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28511.D\8260S9.rslt\spectra.d
Injection Date: 22-Jun-2014 06:01:30
Spectrum: Tune Spec: Scans 182-184(4.05-4.06) Bgrd 175(4.02)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	582	75.00	34512	116.00	376	159.00	151
37.00	3396	76.00	3547	117.00	518	161.00	92
38.00	3407	77.00	455	118.00	289	162.00	42
39.00	1148	78.00	175	119.00	481	164.00	34
40.00	340	79.00	2092	120.00	52	167.00	110
44.00	560	80.00	683	124.00	36	170.00	107
45.00	593	81.00	2075	125.00	92	171.00	126
46.00	121	82.00	339	126.00	30	172.00	559
47.00	956	83.00	29	128.00	255	173.00	396
48.00	422	84.00	32	129.00	144	174.00	56896
49.00	2505	86.00	62	130.00	187	175.00	3951
50.00	12927	87.00	3223	131.00	27	176.00	54864
51.00	4071	88.00	3350	133.00	281	177.00	3609
52.00	156	89.00	173	134.00	140	178.00	85
53.00	177	91.00	336	135.00	94	179.00	66
54.00	97	92.00	1980	136.00	64	191.00	36
55.00	233	93.00	2740	137.00	175	192.00	27
56.00	1051	94.00	7825	138.00	30	206.00	33
57.00	1691	95.00	74064	140.00	35	208.00	147
58.00	11	96.00	4361	141.00	551	210.00	34
60.00	661	97.00	105	142.00	143	217.00	26
61.00	3151	98.00	26	143.00	729	219.00	41
62.00	3280	102.00	42	144.00	43	220.00	27
63.00	2707	103.00	84	145.00	156	221.00	54
64.00	403	104.00	256	146.00	86	231.00	33
65.00	407	105.00	8	147.00	42	232.00	130
66.00	126	106.00	245	148.00	139	239.00	40
67.00	166	107.00	84	149.00	106	249.00	28
68.00	6925	108.00	28	151.00	187	255.00	54
69.00	7545	110.00	44	152.00	131	260.00	32
70.00	477	111.00	58	153.00	99	261.00	54
71.00	90	112.00	84	154.00	56	263.00	31
72.00	495	113.00	33	155.00	218		

Report Date: 23-Jun-2014 08:50:52 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28511.D\8260S9.rslt\spectra.d
Injection Date: 22-Jun-2014 06:01:30
Spectrum: Tune Spec: Scans 182-184(4.05-4.06) Bgrd 175(4.02)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2915	114.00	60	156.00	35		
74.00	10505	115.00	129	157.00	189		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232119/6

Matrix: Solid Lab File ID: K28516.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 08:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
67-64-1	Acetone	7.64		5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
67-66-3	Chloroform	0.24	U	1.0	0.24
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-93-3	2-Butanone	0.63	U	5.0	0.63
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
179601-23-1	m&p-Xylene	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
95-47-6	o-Xylene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
71-43-2	Benzene	0.15	U	1.0	0.15
79-20-9	Methyl acetate	0.32	U	5.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
79-01-6	Trichloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.13	U	5.0	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
108-88-3	Toluene	0.14	U	1.0	0.14
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232119/6

Matrix: Solid Lab File ID: K28516.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 08:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	20	13
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
74-97-5	Bromochloromethane	0.11	U	1.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	93		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232119/6

Matrix: Solid Lab File ID: K28516.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 08:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28516.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-Jun-2014 08:45:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0014879-006
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:17:35 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: delpolitov Date: 23-Jun-2014 11:17:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
19 Acetone	43	2.975	2.990	-0.015	83	14167		7.64	
* 151 TBA-d9 (IS)	65	3.338	3.349	-0.011	31	430869	1000.0	1000.0	
$ 152 Dibromofluoromethane (Surr	113	4.911	4.922	-0.011	96	169589	50.0	50.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	89	172871	50.0	51.1	
* 59 Fluorobenzene	96	5.553	5.558	-0.005	99	576066	50.0	50.0	
* 150 1,4-Dioxane-d8	96	6.259	6.265	-0.005	98	30051	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.244	7.249	-0.005	99	556620	50.0	47.2	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	390852	50.0	50.0	
$ 99 4-Bromofluorobenzene	174	10.229	10.234	-0.005	89	159309	50.0	46.3	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	95	199259	50.0	50.0	

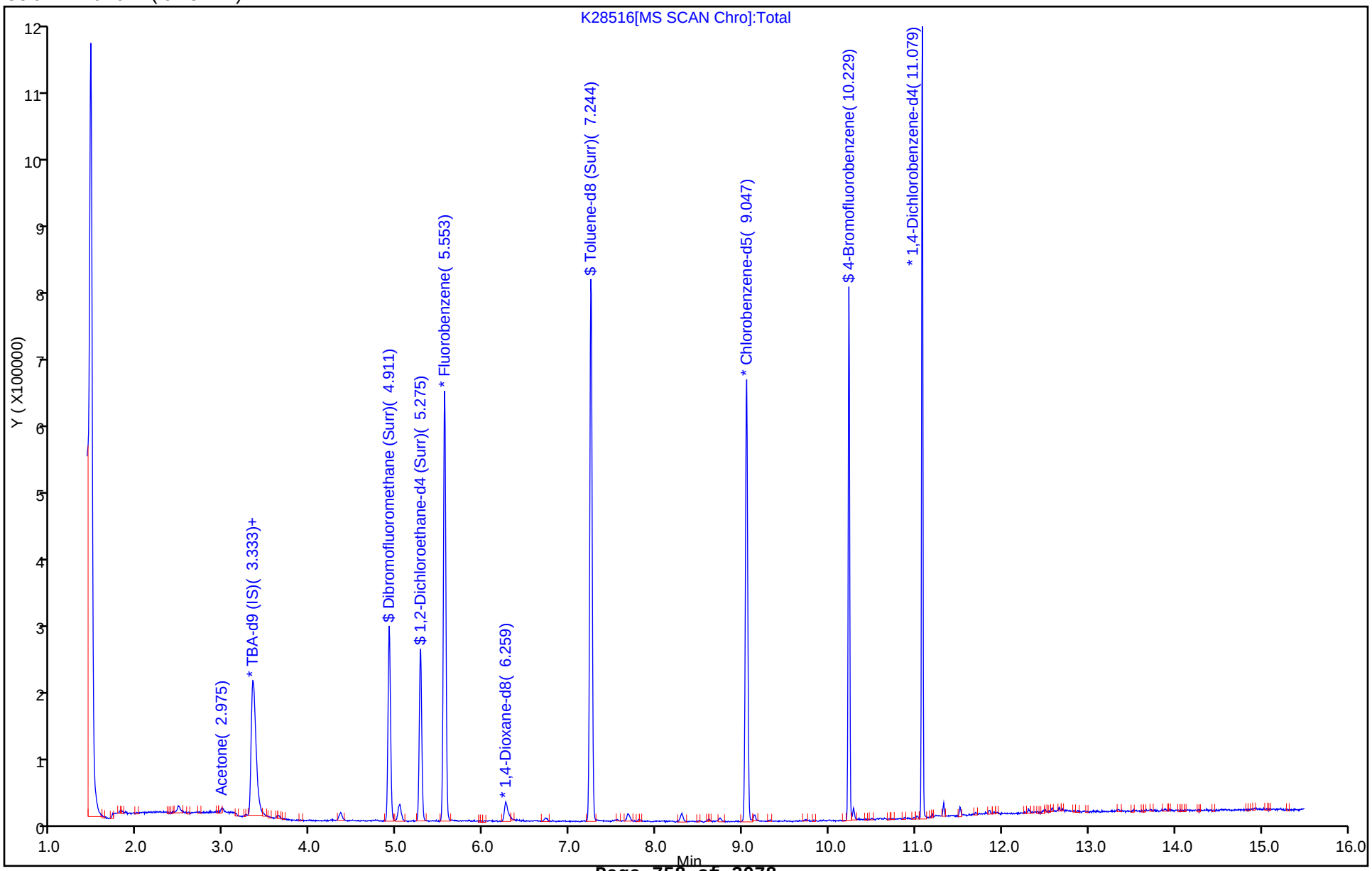
Report Date: 23-Jun-2014 11:17:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28516.D

Injection Date:	22-Jun-2014 08:45:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 23-Jun-2014 11:17:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28516.D

Injection Date: 22-Jun-2014 08:45:30 Instrument ID: CVOAMS9

Lims ID: MB

Client ID:

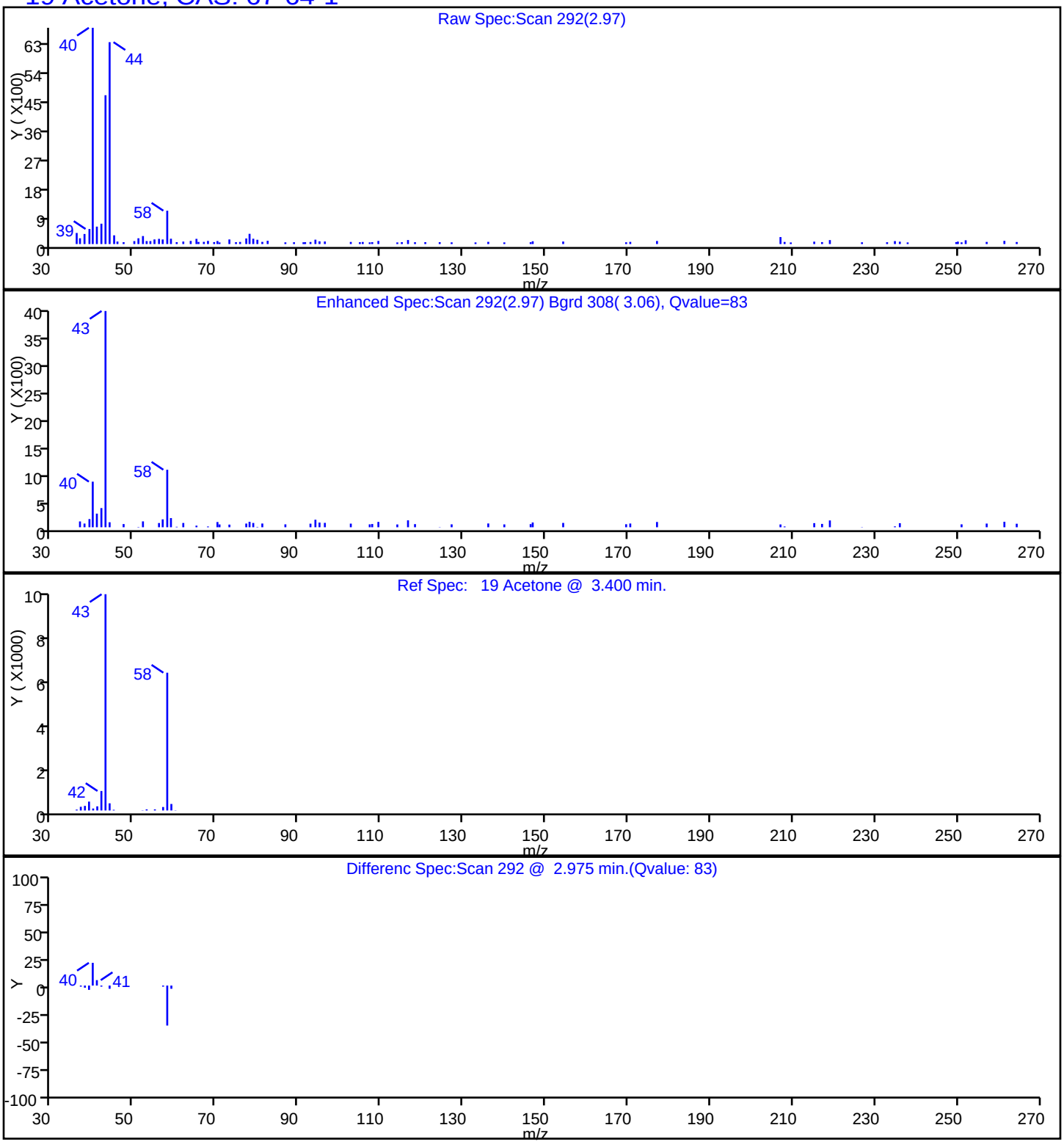
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-232261/7

Matrix: Water | Lab File ID: A05243.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 09:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
71-43-2	Benzene	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-25-2	Bromoform	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.50	U	5.0	0.50
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-88-3	Toluene	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232261/7

Matrix: Water Lab File ID: A05243.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 09:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	89		72-137

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232261/7

Matrix: Water Lab File ID: A05243.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 09:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 10:42:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05243.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2014 09:53:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0014903-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 10:42:14 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 23-Jun-2014 10:42:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.560	3.566	-0.006	74	368988	1000.0	1000.0	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	43	137628	50.0	44.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.206	0.000	49	207403	50.0	44.5	
* 62 Fluorobenzene	96	5.419	5.413	0.006	97	569253	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.974	5.974	0.000	1	24285	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.785	6.778	0.007	97	529009	50.0	44.9	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	90	347084	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	8.632	8.626	0.006	85	123501	50.0	45.5	
* 117 1,4-Dichlorobenzene-d4	152	9.302	9.290	0.012	97	170514	50.0	50.0	

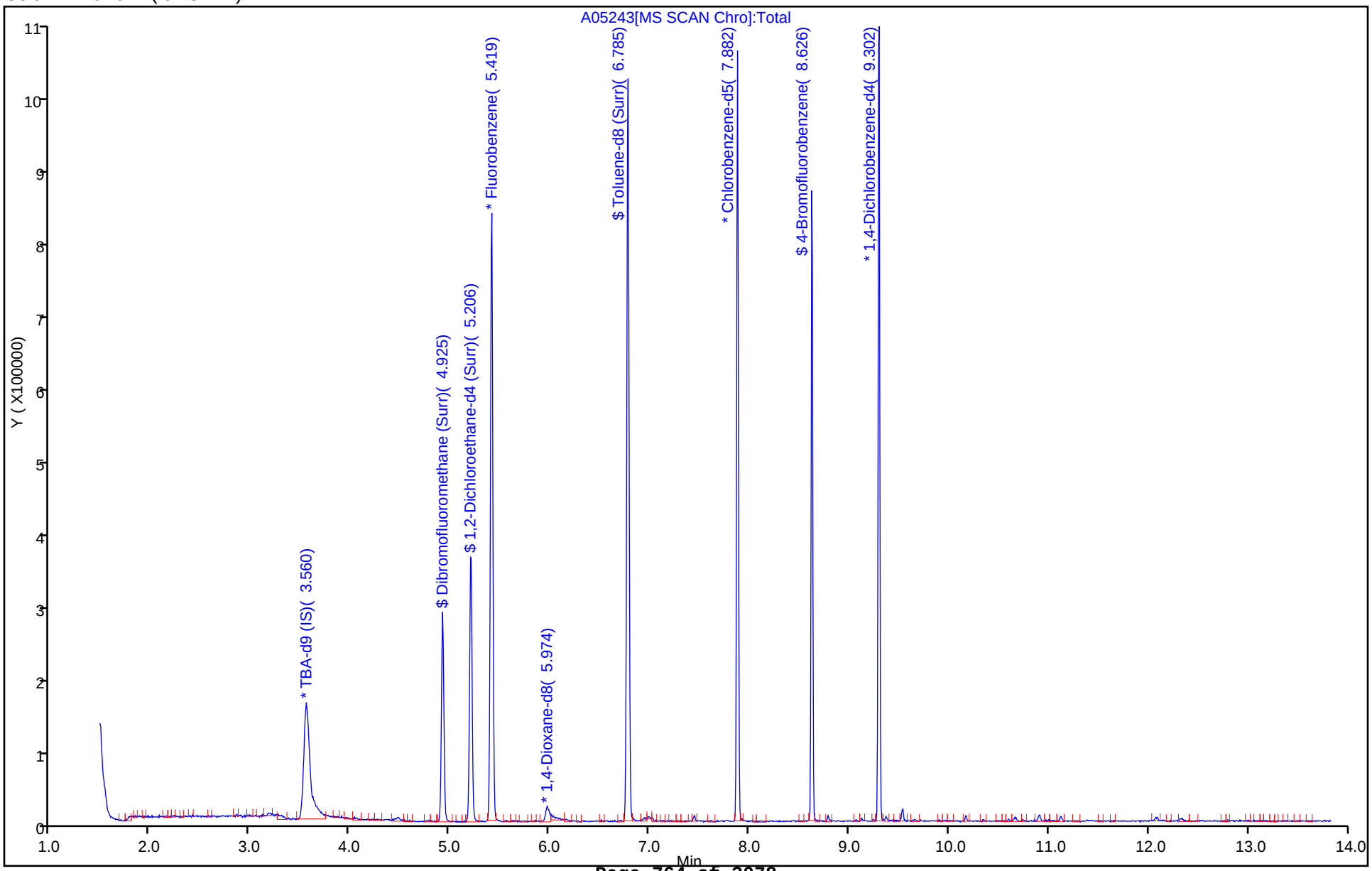
Report Date: 23-Jun-2014 10:42:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05243.D

Injection Date:	23-Jun-2014 09:53:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232427/6

Matrix: Water Lab File ID: B69905.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
67-66-3	Chloroform	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
78-93-3	2-Butanone	2.3	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
110-82-7	Cyclohexane	0.16	U	1.0	0.16
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
71-43-2	Benzene	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	5.0	0.34
75-25-2	Bromoform	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.50	U	5.0	0.50
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-88-3	Toluene	0.15	U	1.0	0.15
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
100-42-5	Styrene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232427/6

Matrix: Water Lab File ID: B69905.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
74-97-5	Bromochloromethane	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	107		72-137

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-232427/6

Matrix: Water | Lab File ID: B69905.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2014 06:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232427 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

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

Report Date: 24-Jun-2014 12:29:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69905.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2014 06:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0014950-006
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:29:55 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:29:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.706	2.706	0.000	55	232152	1000.0	1000.0	
$ 57 Dibromofluoromethane (Surr	113	4.336	4.336	0.000	97	194166	50.0	53.4	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.731	4.723	0.008	83	252359	50.0	55.9	
* 58 Fluorobenzene	96	5.044	5.044	0.000	98	521385	50.0	50.0	
* 65 1,4-Dioxane-d8	96	5.899	5.891	0.008	77	16644	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.043	7.035	0.008	97	575408	50.0	55.0	
* 87 Chlorobenzene-d5	117	8.632	8.632	0.000	88	454397	50.0	50.0	
$ 97 4-Bromofluorobenzene	174	9.751	9.743	0.008	90	220636	50.0	50.1	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	97	298865	50.0	50.0	

Report Date: 24-Jun-2014 12:29:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69905.D

Injection Date: 24-Jun-2014 06:54:30 Instrument ID: CVOAMS2 Operator ID:

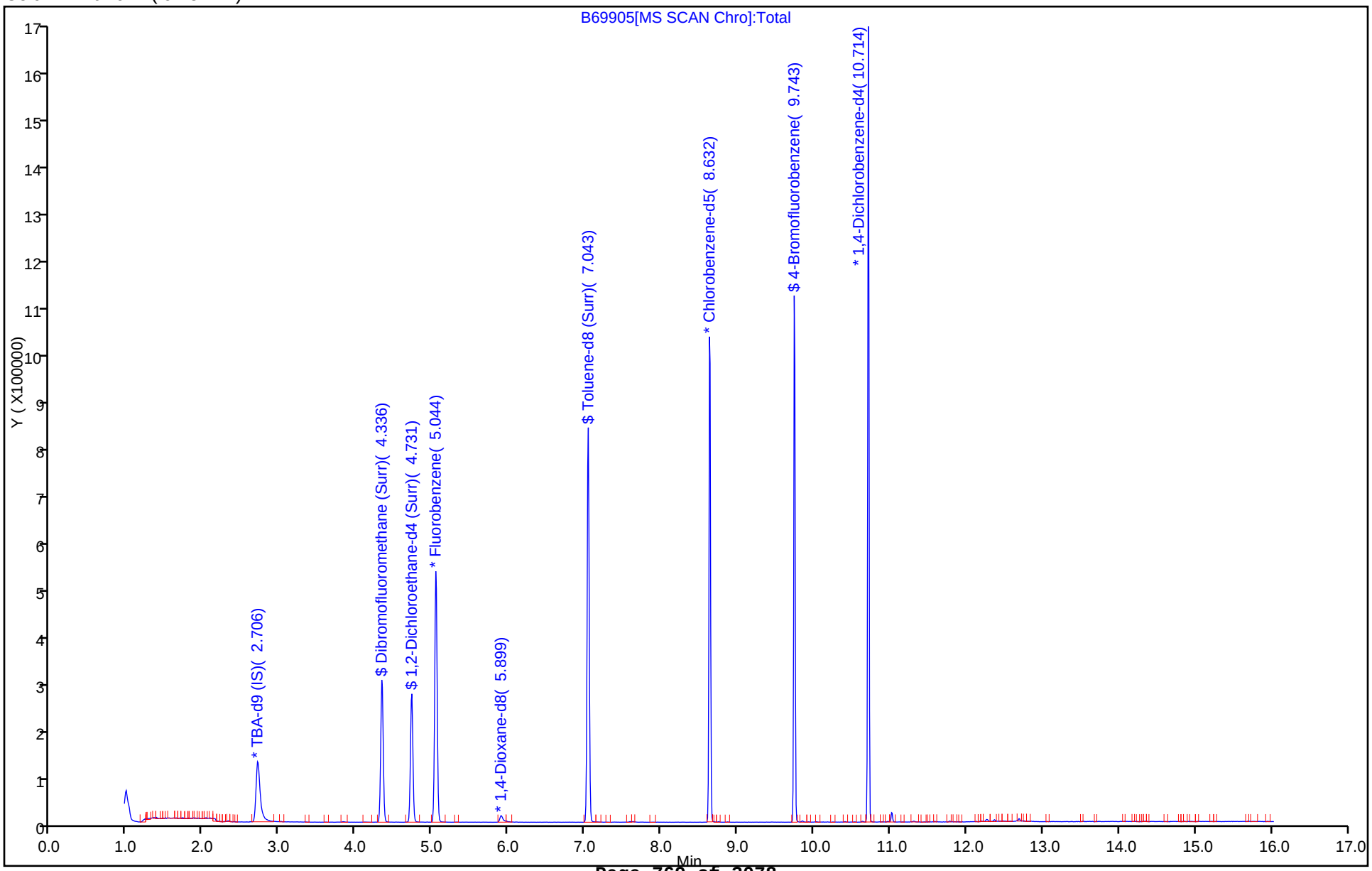
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-232468/7

Matrix: Solid | Lab File ID: J14660.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2014 13:32

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

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 232468 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
67-66-3	Chloroform	3.9	U	50	3.9
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
78-93-3	2-Butanone	120	U	250	120
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
179601-23-1	m&p-Xylene	12	U	50	12
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
95-47-6	o-Xylene	6.5	U	50	6.5
110-82-7	Cyclohexane	7.9	U	50	7.9
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
71-43-2	Benzene	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
75-25-2	Bromoform	9.6	U	50	9.6
79-01-6	Trichloroethene	4.6	U	50	4.6
98-82-8	Isopropylbenzene	3.8	U	50	3.8
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
591-78-6	2-Hexanone	25	U	250	25
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
108-88-3	Toluene	7.5	U	50	7.5
108-90-7	Chlorobenzene	5.5	U	50	5.5
100-41-4	Ethylbenzene	4.8	U	50	4.8
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232468/7

Matrix: Solid Lab File ID: J14660.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 13:32

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

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	5.9	U	50	5.9
127-18-4	Tetrachloroethene	4.9	U	50	4.9
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
106-46-7	1,4-Dichlorobenzene	12	U	50	12
95-50-1	1,2-Dichlorobenzene	10	U	50	10
124-48-1	Dibromochloromethane	10	U	50	10
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
75-71-8	Dichlorodifluoromethane	11	U	50	11
75-27-4	Bromodichloromethane	6.3	U	50	6.3
106-93-4	1,2-Dibromoethane	14	U	50	14
123-91-1	1,4-Dioxane	1800	U	1300	1800
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
74-97-5	Bromochloromethane	14	U	50	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	102		72-133
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-232468/7

Matrix: Solid Lab File ID: J14660.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 13:32

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

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 24-Jun-2014 18:01:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14660.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2014 13:32:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0014962-007
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:58:46 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: martineze Date: 24-Jun-2014 17:34:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.146	3.150	-0.004	53	362446	1000.0	1000.0	
$ 152 Dibromofluoromethane (Surr	113	4.697	4.695	0.002	94	228819	50.0	49.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.049	5.048	0.001	90	334177	50.0	47.8	
* 59 Fluorobenzene	96	5.319	5.318	0.001	97	957825	50.0	50.0	
* 150 1,4-Dioxane-d8	96	6.019	6.023	-0.004	75	40903	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.994	6.992	0.002	98	827804	50.0	47.1	
* 87 Chlorobenzene-d5	117	8.786	8.784	0.002	88	637897	50.0	50.0	
$ 99 4-Bromofluorobenzene	174	10.061	10.059	0.002	82	209123	50.0	51.2	
* 116 1,4-Dichlorobenzene-d4	152	10.942	10.941	0.001	98	305843	50.0	50.0	

Report Date: 24-Jun-2014 18:01:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14660.D

Injection Date: 24-Jun-2014 13:32:30 Instrument ID: CVOAMS8 Operator ID:

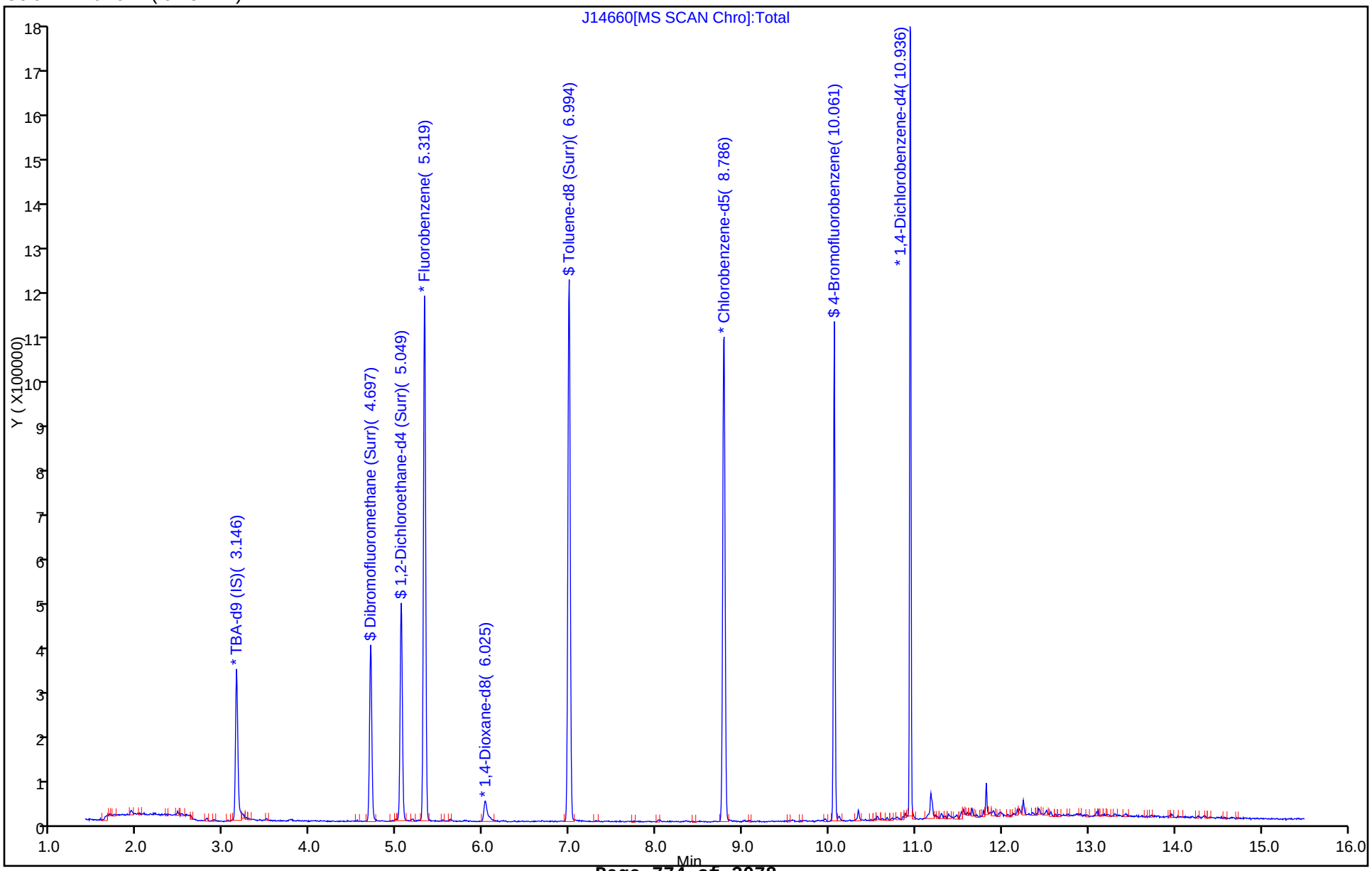
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-231714/1-A

Matrix: Solid | Lab File ID: K28520.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/22/2014 10:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.252	J	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
67-64-1	Acetone	6.68		5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
67-66-3	Chloroform	0.24	U	1.0	0.24
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
78-93-3	2-Butanone	0.63	U	5.0	0.63
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
179601-23-1	m&p-Xylene	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
95-47-6	o-Xylene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
71-43-2	Benzene	0.15	U	1.0	0.15
79-20-9	Methyl acetate	0.32	U	5.0	0.32
75-25-2	Bromoform	0.17	U	1.0	0.17
79-01-6	Trichloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.13	U	5.0	0.13
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
108-88-3	Toluene	0.14	U	1.0	0.14
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-231714/1-A

Matrix: Solid | Lab File ID: K28520.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/22/2014 10:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	0.28	U	1.0	0.28
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
123-91-1	1,4-Dioxane	13	U	20	13
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
74-97-5	Bromochloromethane	0.11	U	1.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	85		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-231714/1-A

Matrix: Solid Lab File ID: K28520.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 06/22/2014 10:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Report Date: 23-Jun-2014 11:21:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28520.D
Lims ID: LB3 460-231714/1-A
Client ID:
Sample Type: LB3
Inject. Date: 22-Jun-2014 10:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-231714/1-A
Misc. Info.: 460-0014879-010
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:21:37 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 09:04:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
19 Acetone	43	2.991	2.990	0.001	81	7498		6.68	
* 151 TBA-d9 (IS)	65	3.344	3.349	-0.005	42	260765	1000.0	1000.0	
25 Methylene Chloride	84	3.354	3.354	0.000	23	1248		0.2517	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	171355	50.0	47.4	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.280	5.280	0.000	89	160437	50.0	43.9	
* 59 Fluorobenzene	96	5.559	5.558	0.001	98	623132	50.0	50.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	99	18983	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	561801	50.0	44.3	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	85	419827	50.0	50.0	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	95	156877	50.0	42.4	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	96	210089	50.0	50.0	

Report Date: 23-Jun-2014 11:21:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28520.D

Injection Date: 22-Jun-2014 10:24:30 Instrument ID: CVOAMS9 Operator ID:

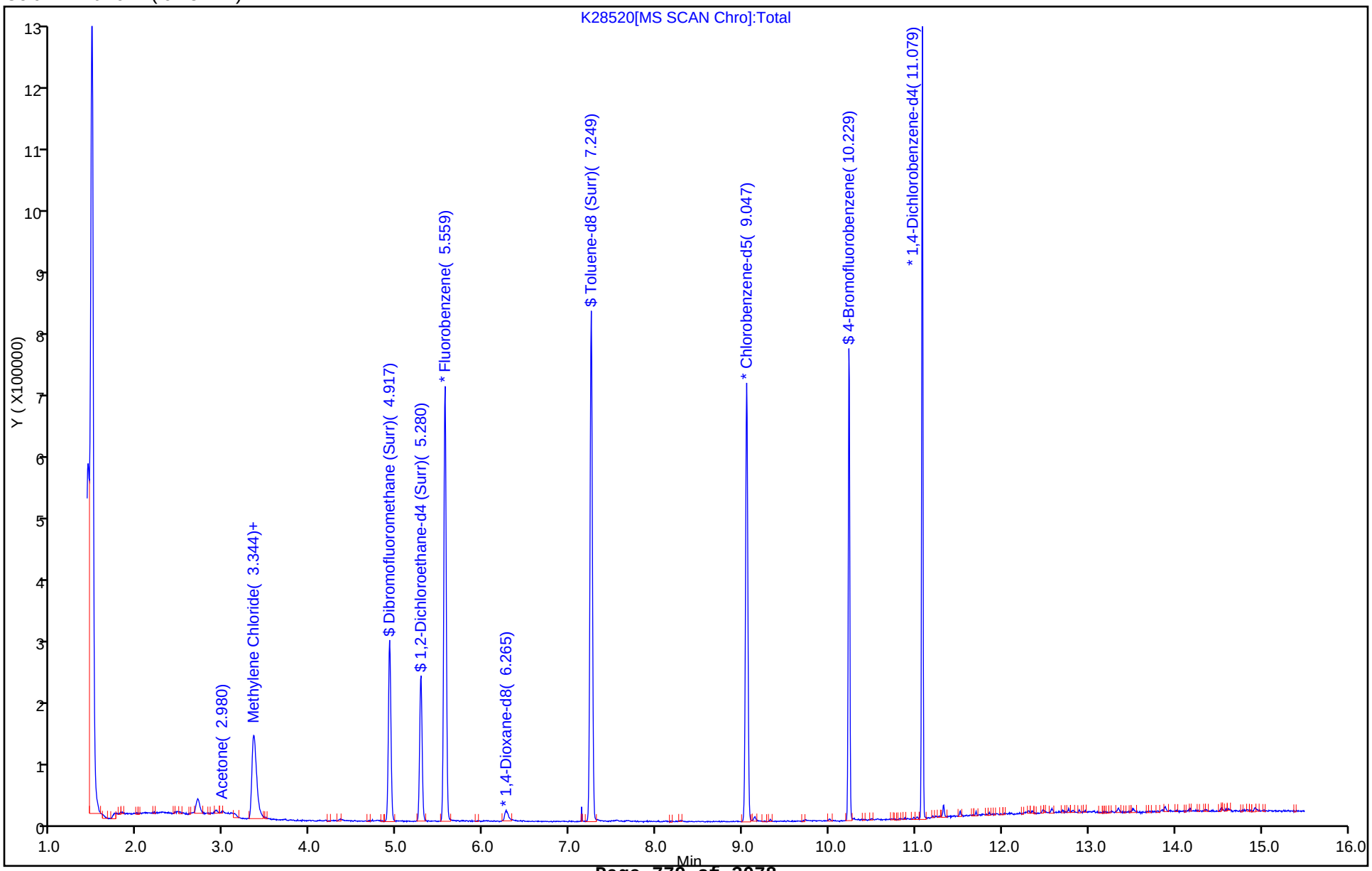
Lims ID: LB3 460-231714/1-A Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 23-Jun-2014 11:21:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28520.D

Injection Date: 22-Jun-2014 10:24:30 Instrument ID: CVOAMS9

Lims ID: LB3 460-231714/1-A

Client ID:

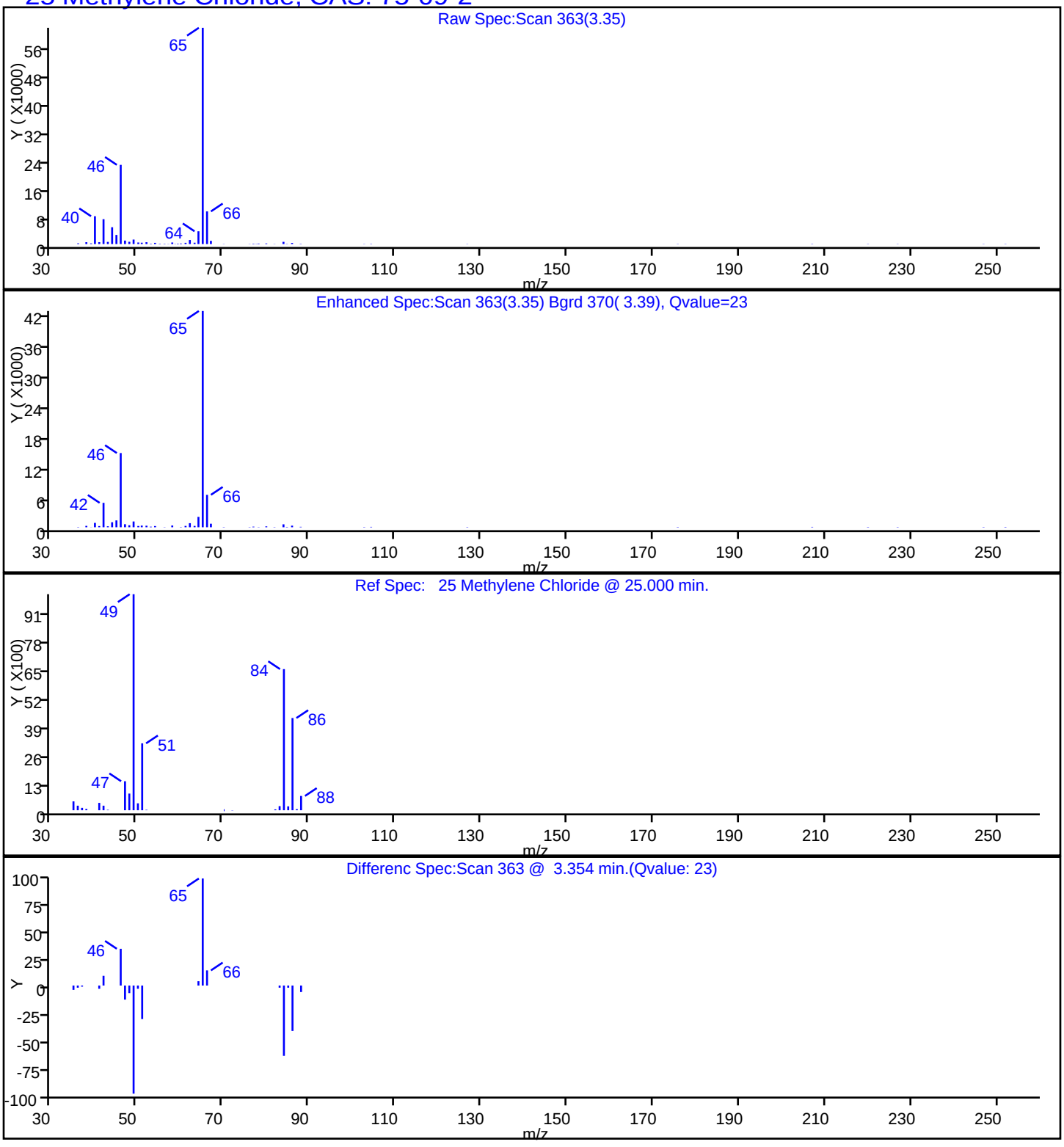
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Methylene Chloride, CAS: 75-09-2



Report Date: 23-Jun-2014 11:21:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28520.D

Injection Date: 22-Jun-2014 10:24:30 Instrument ID: CVOAMS9

Lims ID: LB3 460-231714/1-A

Client ID:

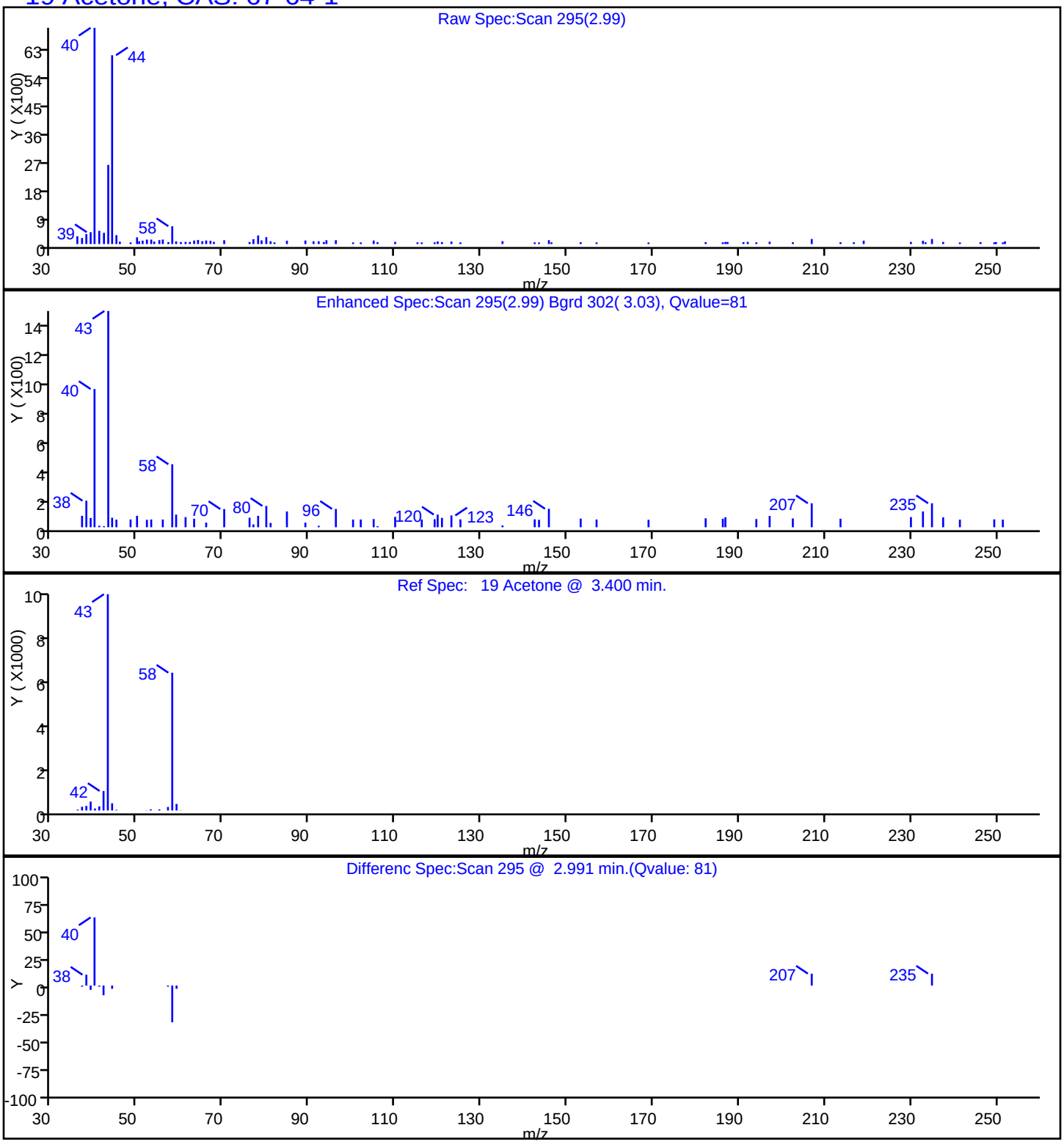
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232119/3

Matrix: Solid Lab File ID: K28513.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 07:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.9		1.0	0.16
74-83-9	Bromomethane	15.7		1.0	0.43
75-01-4	Vinyl chloride	16.7		1.0	0.34
75-00-3	Chloroethane	17.0		1.0	0.33
75-09-2	Methylene Chloride	19.2		1.0	0.15
75-69-4	Trichlorofluoromethane	16.4		1.0	0.16
67-64-1	Acetone	83.4		5.0	1.7
75-15-0	Carbon disulfide	18.9		1.0	0.15
75-35-4	1,1-Dichloroethene	18.5		1.0	0.19
75-34-3	1,1-Dichloroethane	19.2		1.0	0.11
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.13
67-66-3	Chloroform	18.7		1.0	0.24
107-06-2	1,2-Dichloroethane	19.2		1.0	0.18
78-93-3	2-Butanone	89.5		5.0	0.63
71-55-6	1,1,1-Trichloroethane	18.7		1.0	0.13
179601-23-1	m&p-Xylene	18.9		1.0	0.59
56-23-5	Carbon tetrachloride	18.9		1.0	0.15
95-47-6	o-Xylene	19.2		1.0	0.19
110-82-7	Cyclohexane	20.1		1.0	0.13
1634-04-4	MTBE	20.7		1.0	0.11
76-13-1	Freon TF	18.4		1.0	0.11
71-43-2	Benzene	19.4		1.0	0.15
79-20-9	Methyl acetate	110		5.0	0.32
75-25-2	Bromoform	18.6		1.0	0.17
79-01-6	Trichloroethene	18.3		1.0	0.12
98-82-8	Isopropylbenzene	19.9		1.0	0.11
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.10
591-78-6	2-Hexanone	107		5.0	0.13
108-10-1	4-Methyl-2-pentanone	112		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.14
108-88-3	Toluene	18.8		1.0	0.14
108-90-7	Chlorobenzene	18.6		1.0	0.18
100-41-4	Ethylbenzene	18.5		1.0	0.17
78-87-5	1,2-Dichloropropane	18.4		1.0	0.15
108-87-2	Methylcyclohexane	19.6		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232119/3

Matrix: Solid Lab File ID: K28513.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 07:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	19.1		1.0	0.28
127-18-4	Tetrachloroethene	18.3		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	23.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.090
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.10
124-48-1	Dibromochloromethane	18.9		1.0	0.10
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.19
75-71-8	Dichlorodifluoromethane	15.7		1.0	0.22
75-27-4	Bromodichloromethane	18.4		1.0	0.32
106-93-4	1,2-Dibromoethane	19.0		1.0	0.15
123-91-1	1,4-Dioxane	400		20	13
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
74-97-5	Bromochloromethane	18.6		1.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	88		70-130
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28513.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-Jun-2014 07:14:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0014879-003
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:16:32 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 08:51:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.578	1.578	0.000	88	30568	20.0	16.1	
1 Dichlorodifluoromethane	85	1.611	1.616	-0.005	86	166684	20.0	15.7	
2 Chloromethane	50	1.782	1.787	-0.005	89	150837	20.0	15.9	
4 Vinyl chloride	62	1.883	1.888	-0.005	83	155615	20.0	16.7	
149 Butadiene	54	1.889	1.894	-0.005	97	122613	20.0	16.9	
6 Bromomethane	94	2.178	2.183	-0.005	99	82220	20.0	15.7	
7 Chloroethane	64	2.253	2.252	0.000	97	71364	20.0	17.0	
9 Dichlorofluoromethane	67	2.440	2.445	-0.005	89	226945	20.0	17.9	
8 Trichlorofluoromethane	101	2.445	2.456	-0.011	87	182095	20.0	16.4	
10 Pentane	72	2.483	2.482	0.001	96	36835	40.0	34.5	
11 Ethanol	46	2.686	2.670	0.016	76	29296	1000.0	1123.1	
13 Ethyl ether	59	2.680	2.686	-0.006	91	66451	20.0	18.4	
14 2-Methyl-1,3-butadiene	53	2.702	2.707	-0.005	98	102221	20.0	18.5	
15 1,2-Dichloro-1,1,2-trifluo	117	2.729	2.734	-0.005	85	88954	20.0	18.2	
17 Acrolein	56	2.857	2.862	-0.005	60	34928	300.0	172.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.868	2.873	-0.005	96	123767	20.0	18.4	
18 1,1-Dichloroethene	96	2.894	2.900	-0.006	88	102965	20.0	18.5	
19 Acetone	43	2.985	2.990	-0.005	84	131760	100.0	83.4	
20 Iodomethane	142	3.055	3.055	0.000	98	183780	20.0	18.8	
34 Isopropyl alcohol	45	3.071	3.076	-0.005	95	66029	200.0	195.8	
21 Carbon disulfide	76	3.087	3.092	-0.005	100	438229	20.0	18.9	
147 3-Chloro-1-propene	76	3.221	3.226	-0.005	90	63597	20.0	19.6	
23 Methyl acetate	43	3.231	3.237	-0.006	99	318104	100.0	109.5	
22 Cyclopentene	67	3.242	3.247	-0.005	81	320526	20.0	20.2	
24 Acetonitrile	41	3.290	3.290	0.000	93	133382	200.0	199.0	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	49	368476	1000.0	1000.0	
25 Methylene Chloride	84	3.349	3.354	-0.005	87	111677	20.0	19.2	
26 2-Methyl-2-propanol	59	3.419	3.418	0.001	92	99514	200.0	210.4	
27 Methyl tert-butyl ether	73	3.520	3.525	-0.005	97	241490	20.0	20.7	
29 trans-1,2-Dichloroethene	96	3.542	3.547	-0.005	89	109641	20.0	19.2	
30 Acrylonitrile	53	3.617	3.622	-0.005	94	279059	200.0	214.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.702	3.707	-0.005	92	103390	20.0	18.6	
35 Isopropyl ether	45	3.922	3.927	-0.005	95	312819	20.0	19.9	
36 1,1-Dichloroethane	63	3.948	3.953	-0.005	93	201564	20.0	19.2	
38 Allyl alcohol	57	3.959	3.959	0.000	30	42378	500.0	497.0	
37 Vinyl acetate	43	3.959	3.964	-0.005	100	304816	40.0	39.1	
33 2-Chloro-1,3-butadiene	88	3.997	4.002	-0.006	88	91377	20.0	19.6	
40 Tert-butyl ethyl ether	59	4.248	4.248	0.000	88	267996	20.0	20.3	
41 2,2-Dichloropropane	77	4.462	4.462	0.000	89	168455	20.0	19.0	
42 cis-1,2-Dichloroethene	96	4.478	4.478	0.000	90	107655	20.0	18.9	
44 Ethyl acetate	43	4.499	4.499	0.000	95	295923	40.0	40.4	
43 2-Butanone (MEK)	72	4.499	4.499	0.000	96	41726	100.0	89.5	
39 Methyl acrylate	55	4.553	4.553	0.000	92	60063	20.0	19.8	
48 Propionitrile	54	4.628	4.633	-0.005	97	107680	200.0	186.9	
46 Chlorobromomethane	128	4.708	4.713	-0.005	92	46974	20.0	18.6	
45 Tetrahydrofuran	42	4.719	4.718	0.001	46	59241	40.0	37.1	
31 Methacrylonitrile	67	4.735	4.734	0.001	93	299147	200.0	211.0	
47 Chloroform	83	4.756	4.761	-0.005	92	179520	20.0	18.7	
49 Cyclohexane	56	4.906	4.911	-0.005	93	211543	20.0	20.1	
50 1,1,1-Trichloroethane	97	4.917	4.916	0.001	78	171772	20.0	18.7	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	96	185433	50.0	43.8	
51 Carbon tetrachloride	117	5.040	5.039	0.001	90	153541	20.0	18.9	
52 1,1-Dichloropropene	75	5.066	5.066	0.000	95	132221	20.0	18.8	
56 Isobutyl alcohol	43	5.173	5.173	0.000	85	86390	500.0	468.0	
53 Benzene	78	5.270	5.269	0.001	96	408659	20.0	19.4	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	87	183738	50.0	42.9	
57 Isopropyl acetate	43	5.323	5.323	0.000	96	216792	20.0	20.2	
142 Tert-amyl methyl ether	73	5.334	5.339	-0.005	94	247149	20.0	20.5	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	90	113085	20.0	19.2	
58 n-Heptane	57	5.425	5.425	0.000	93	97422	20.0	20.0	
* 59 Fluorobenzene	96	5.559	5.558	0.001	98	729619	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.778	5.783	-0.005	91	589869	40.0	37.0	
62 n-Butanol	56	5.842	5.842	0.000	46	82930	500.0	608.5	
61 Trichloroethene	95	5.912	5.917	-0.005	94	104890	20.0	18.3	
64 Ethyl acrylate	55	6.045	6.045	0.000	95	256453	20.0	19.8	
63 Methylcyclohexane	83	6.051	6.051	0.000	93	198920	20.0	19.6	
65 1,2-Dichloropropane	63	6.211	6.211	0.000	89	97221	20.0	18.4	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	67	35164	1000.0	1000.0	
66 Methyl methacrylate	41	6.281	6.281	0.000	89	117155	40.0	38.4	
67 1,4-Dioxane	88	6.318	6.323	-0.005	68	20863	400.0	400.1	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	105204	20.0	20.4	
68 Dibromomethane	93	6.340	6.339	0.001	65	53741	20.0	18.5	
70 Dichlorobromomethane	83	6.484	6.484	0.000	96	128716	20.0	18.4	
71 2-Nitropropane	41	6.826	6.826	0.000	83	34836	40.0	37.0	
72 2-Chloroethyl vinyl ether	63	6.826	6.826	0.000	71	36419	20.0	18.6	
73 Epichlorohydrin	57	6.933	6.933	0.000	98	137601	400.0	410.1	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	88	135020	20.0	19.2	
75 4-Methyl-2-pentanone (MIBK	43	7.164	7.163	0.001	98	375652	100.0	111.5	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	682510	50.0	44.5	
77 Toluene	91	7.324	7.329	-0.005	94	401315	20.0	18.8	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	95	104010	20.0	18.9	
82 Ethyl methacrylate	69	7.698	7.698	0.000	91	80211	20.0	19.4	
79 1,1,2-Trichloroethane	83	7.886	7.885	0.001	90	59050	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 Tetrachloroethene	166	7.939	7.944	-0.005	92	102152	20.0	18.3	
81 1,3-Dichloropropane	76	8.100	8.105	-0.005	92	111728	20.0	19.1	
83 2-Hexanone	43	8.164	8.164	0.000	98	241226	100.0	107.2	
85 n-Butyl acetate	43	8.276	8.276	0.000	98	94841	20.0	20.7	
84 Chlorodibromomethane	129	8.330	8.335	-0.005	97	85273	20.0	18.9	
86 Ethylene Dibromide	107	8.496	8.495	0.001	98	68608	20.0	19.0	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	80	508328	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	92	250610	20.0	18.6	
89 Ethylbenzene	106	9.180	9.180	0.000	99	135280	20.0	18.5	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	89	95708	20.0	19.0	
91 m-Xylene & p-Xylene	106	9.325	9.325	0.000	96	160022	20.0	18.9	
93 n-Butyl acrylate	73	9.715	9.715	0.000	94	42856	20.0	16.7	
92 o-Xylene	106	9.737	9.736	0.001	93	165257	20.0	19.2	
94 Styrene	104	9.763	9.763	0.000	94	264681	20.0	19.1	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	90	110597	20.0	20.4	
97 Bromoform	173	9.951	9.950	0.001	95	54829	20.0	18.6	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	455480	20.0	19.9	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	93	197675	50.0	44.2	
95 Camphene	41	10.250	10.255	-0.005	97	41783	20.0	19.5	
100 Bromobenzene	156	10.347	10.346	0.001	97	105945	20.0	19.2	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	93	99357	20.0	20.5	
102 N-Propylbenzene	91	10.405	10.405	0.000	98	570213	20.0	20.5	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	97	24059	20.0	20.3	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	84	26500	20.0	20.0	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	379461	20.0	19.9	
143 4-Ethyltoluene	105	10.496	10.496	0.000	91	465800	20.0	20.3	
106 1,3,5-Trimethylbenzene	105	10.545	10.544	0.001	84	388651	20.0	20.7	
107 4-Chlorotoluene	91	10.582	10.582	0.000	96	331956	20.0	20.0	
108 Butyl Methacrylate	87	10.614	10.614	0.000	93	99312	20.0	17.7	
109 tert-Butylbenzene	119	10.775	10.774	0.001	90	304226	20.0	20.0	
110 1,2,4-Trimethylbenzene	105	10.817	10.822	-0.005	98	394250	20.0	20.8	
113 sec-Butylbenzene	105	10.930	10.929	0.001	99	526420	20.0	21.1	
114 4-Isopropyltoluene	119	11.026	11.026	0.000	94	438659	20.0	20.8	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	96	213510	20.0	19.2	
* 116 1,4-Dichlorobenzene-d4	152	11.080	11.079	0.001	95	259031	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.096	11.095	0.001	94	210388	20.0	18.8	
118 Benzyl chloride	91	11.192	11.192	0.000	99	162566	20.0	20.7	
119 2,3-Dihydroindene	117	11.240	11.240	0.000	90	370913	20.0	20.0	
133 p-Diethylbenzene	119	11.272	11.272	0.000	91	271430	20.0	20.1	
120 n-Butylbenzene	91	11.288	11.288	0.000	97	557313	20.0	21.0	
121 1,2-Dichlorobenzene	146	11.336	11.336	0.000	95	204186	20.0	19.4	
132 1,2,4,5-Tetramethylbenzene	119	11.748	11.743	0.005	97	362473	20.0	19.9	
122 1,2-Dibromo-3-Chloropropan	75	11.818	11.818	0.000	97	19527	20.0	23.2	
145 1,3,5-Trichlorobenzene	180	11.909	11.908	0.001	96	185094	20.0	18.9	
123 Camphor	95	12.262	12.262	0.000	92	42216	100.0	104.2	
124 1,2,4-Trichlorobenzene	180	12.315	12.315	0.000	92	164515	20.0	19.3	
126 Hexachlorobutadiene	225	12.385	12.385	0.000	91	94873	20.0	18.8	
127 Naphthalene	128	12.497	12.497	0.000	99	325325	20.0	20.7	
128 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	93	154824	20.0	19.3	
S 131 Xylenes, Total	100				0		40.0	38.1	

Report Date: 23-Jun-2014 11:16:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28513.D

Injection Date: 22-Jun-2014 07:14:30 Instrument ID: CVOAMS9 Operator ID:

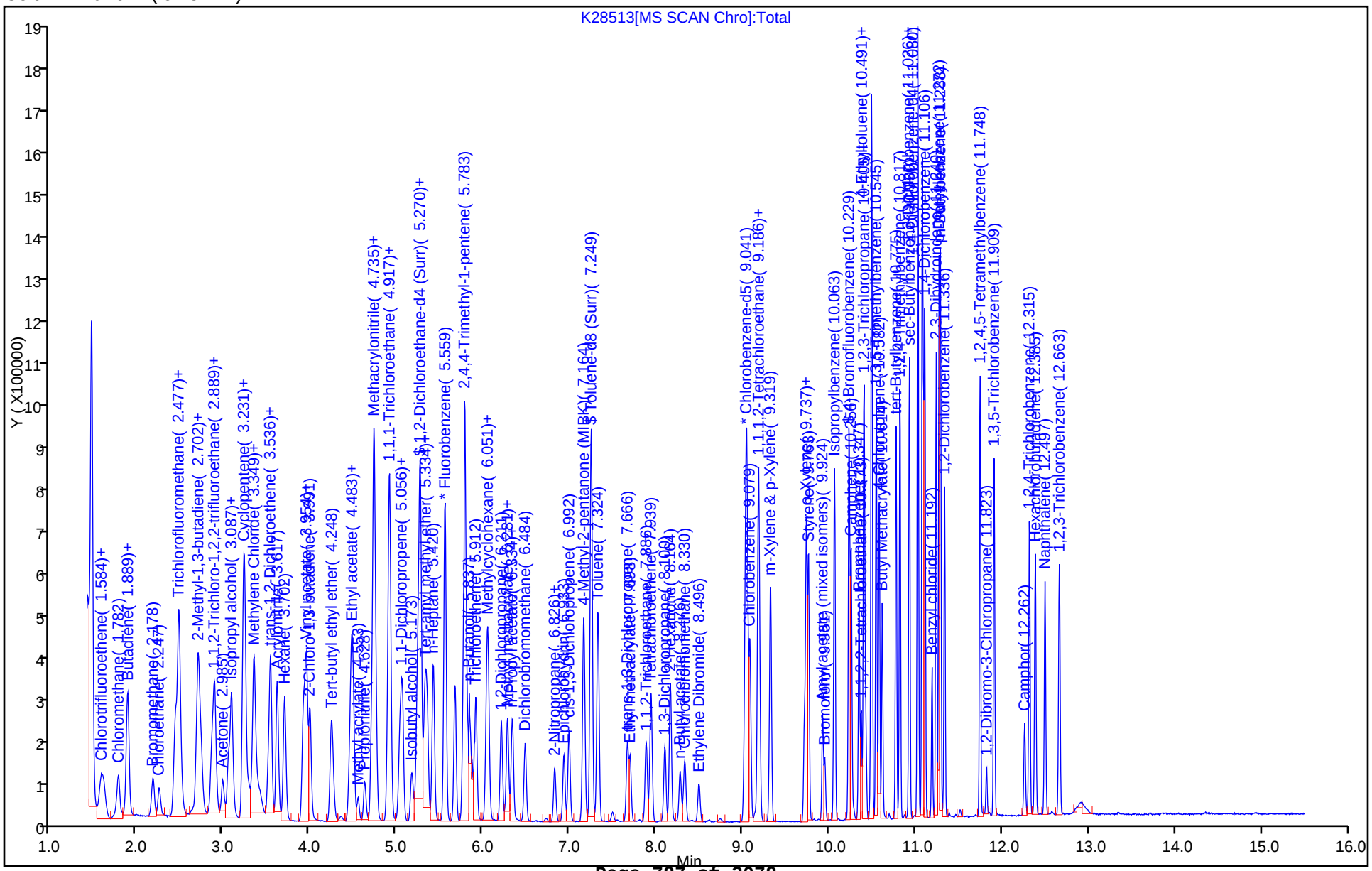
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232261/4

Matrix: Water Lab File ID: A05240.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 08:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.9		1.0	0.10
74-83-9	Bromomethane	16.4		1.0	0.18
75-01-4	Vinyl chloride	16.6		1.0	0.14
75-00-3	Chloroethane	16.1		1.0	0.17
75-09-2	Methylene Chloride	16.0		1.0	0.18
75-69-4	Trichlorofluoromethane	15.6		1.0	0.15
67-64-1	Acetone	85.4		5.0	2.7
75-15-0	Carbon disulfide	15.1		1.0	0.13
75-35-4	1,1-Dichloroethene	15.3		1.0	0.090
75-34-3	1,1-Dichloroethane	17.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.3		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	16.7		1.0	0.13
67-66-3	Chloroform	16.2		1.0	0.080
107-06-2	1,2-Dichloroethane	17.0		1.0	0.19
78-93-3	2-Butanone	91.0		5.0	2.3
71-55-6	1,1,1-Trichloroethane	15.9		1.0	0.060
56-23-5	Carbon tetrachloride	16.1		1.0	0.060
110-82-7	Cyclohexane	18.7		1.0	0.16
1634-04-4	MTBE	16.6		1.0	0.14
76-13-1	Freon TF	16.3		1.0	0.080
71-43-2	Benzene	17.4		1.0	0.080
79-20-9	Methyl acetate	85.9		5.0	0.34
75-25-2	Bromoform	16.5		1.0	0.19
79-01-6	Trichloroethene	17.9		1.0	0.090
98-82-8	Isopropylbenzene	17.8		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.24
591-78-6	2-Hexanone	105		5.0	0.50
108-10-1	4-Methyl-2-pentanone	106		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.18
108-88-3	Toluene	17.2		1.0	0.15
108-90-7	Chlorobenzene	16.7		1.0	0.11
100-41-4	Ethylbenzene	16.6		1.0	0.10
78-87-5	1,2-Dichloropropane	17.0		1.0	0.090
108-87-2	Methylcyclohexane	19.0		1.0	0.14
1330-20-7	Xylenes, Total	33.9		2.0	0.13
100-42-5	Styrene	16.4		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232261/4

Matrix: Water Lab File ID: A05240.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 08:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	17.0		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.16
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.14
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.19
106-46-7	1,4-Dichlorobenzene	17.6		1.0	0.23
95-50-1	1,2-Dichlorobenzene	16.8		1.0	0.21
124-48-1	Dibromochloromethane	16.5		1.0	0.20
120-82-1	1,2,4-Trichlorobenzene	18.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.7		1.0	0.22
75-27-4	Bromodichloromethane	16.7		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	20.3		1.0	0.51
74-97-5	Bromochloromethane	16.5		1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	87		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05240.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2014 08:39:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0014903-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:22:31 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 23-Jun-2014 09:09:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	66	1.651	1.651	0.000	77	23521	20.0	15.1	
3 Dichlorodifluoromethane	85	1.688	1.676	0.012	87	136219	20.0	15.7	
4 Chloromethane	50	1.859	1.853	0.006	89	187844	20.0	17.9	
6 Vinyl chloride	62	1.981	1.968	0.013	83	150890	20.0	16.6	
5 Butadiene	54	1.987	1.974	0.013	91	153034	20.0	17.8	
9 Bromomethane	94	2.310	2.298	0.012	98	73468	20.0	16.4	
10 Chloroethane	64	2.395	2.383	0.012	97	82256	20.0	16.1	
12 Dichlorofluoromethane	67	2.609	2.602	0.007	89	197317	20.0	15.9	
13 Trichlorofluoromethane	101	2.621	2.615	0.006	37	127599	20.0	15.6	
11 Pentane	72	2.627	2.621	0.006	97	39084	40.0	35.6	
14 Ethyl ether	59	2.852	2.846	0.006	88	93842	20.0	17.5	
16 Ethanol	46	2.852	2.852	0.000	59	24497	1000.0	1549.1	
15 2-Methyl-1,3-butadiene	67	2.877	2.865	0.012	97	154619	20.0	16.1	
8 1,2-Dichloro-1,1,2-trifluo	117	2.932	2.919	0.013	90	62834	20.0	16.5	
17 Acrolein	56	3.054	3.041	0.013	63	13972	40.0	21.1	
19 1,1,2-Trichloro-1,2,2-trif	101	3.066	3.054	0.012	90	75433	20.0	16.3	
20 1,1-Dichloroethene	96	3.072	3.072	0.000	83	72591	20.0	15.3	
21 Acetone	43	3.182	3.175	0.007	77	218026	100.0	85.4	
22 Iodomethane	142	3.236	3.230	0.006	99	107614	20.0	15.7	
23 Carbon disulfide	76	3.267	3.261	0.006	100	278194	20.0	15.1	
138 Isopropyl alcohol	45	3.285	3.279	0.006	70	59472	200.0	268.5	
141 3-Chloro-1-propene	76	3.413	3.401	0.012	14	43876	20.0	13.4	
25 Cyclopentene	67	3.425	3.419	0.006	91	264856	20.0	16.9	
24 Methyl acetate	43	3.432	3.425	0.007	98	489584	100.0	85.9	
26 Acetonitrile	41	3.499	3.492	0.007	95	210771	200.0	271.9	
27 Methylene Chloride	84	3.541	3.535	0.006	88	90289	20.0	16.0	
* 28 TBA-d9 (IS)	65	3.554	3.566	-0.012	78	425869	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.627	3.620	0.007	53	95164	200.0	252.7	
30 Methyl tert-butyl ether	73	3.706	3.700	0.006	95	263320	20.0	16.6	
31 trans-1,2-Dichloroethene	96	3.724	3.718	0.006	89	82469	20.0	16.7	
32 Acrylonitrile	53	3.803	3.803	0.000	93	457888	200.0	188.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.871	3.870	0.001	93	118604	20.0	20.4	
34 Isopropyl ether	45	4.078	4.078	0.000	96	376205	20.0	18.2	
35 1,1-Dichloroethane	63	4.102	4.096	0.006	90	179302	20.0	17.7	
36 Vinyl acetate	43	4.120	4.114	0.006	100	570014	40.0	45.4	
37 2-Chloro-1,3-butadiene	88	4.145	4.139	0.006	83	73116	20.0	17.1	
39 Tert-butyl ethyl ether	59	4.358	4.358	0.000	87	294328	20.0	16.8	
40 2,2-Dichloropropane	77	4.553	4.541	0.012	74	114094	20.0	15.2	
41 cis-1,2-Dichloroethene	96	4.566	4.559	0.007	84	84459	20.0	16.3	
42 Ethyl acetate	70	4.578	4.578	0.000	95	17172	40.0	35.0	
38 Allyl alcohol	57	4.584	4.584	0.000	1	21408	500.0	420.0	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	95	54924	100.0	91.0	
44 Methyl acrylate	55	4.626	4.626	0.000	64	94397	20.0	19.4	
45 Propionitrile	54	4.700	4.700	0.000	95	153012	200.0	193.2	
47 Chlorobromomethane	128	4.754	4.748	0.006	78	35960	20.0	16.5	
46 Tetrahydrofuran	42	4.767	4.760	0.007	56	95767	40.0	38.8	
48 Methacrylonitrile	67	4.779	4.779	0.000	97	408202	200.0	183.7	
49 Chloroform	83	4.791	4.791	0.000	80	137588	20.0	16.2	
50 Cyclohexane	56	4.907	4.907	0.000	96	187824	20.0	18.7	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	66	109224	20.0	15.9	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	88	161031	50.0	43.7	
53 Carbon tetrachloride	117	5.017	5.010	0.007	85	86034	20.0	16.1	
54 1,1-Dichloropropene	75	5.035	5.035	0.000	90	115871	20.0	18.1	
57 Isobutyl alcohol	43	5.126	5.157	-0.031	96	95399	500.0	605.7	
155 Isooctane	57	5.163	5.163	0.000	100	385770	20.0	20.8	
55 Benzene	78	5.200	5.193	0.007	93	340750	20.0	17.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.206	5.206	0.000	94	246157	50.0	44.5	
58 Isopropyl acetate	43	5.230	5.230	0.000	87	349768	20.0	18.7	
59 Tert-amyl methyl ether	73	5.236	5.236	0.000	79	269539	20.0	16.5	
60 1,2-Dichloroethane	62	5.267	5.266	0.001	67	120846	20.0	17.0	
61 n-Heptane	57	5.303	5.297	0.006	96	90122	20.0	23.5	
* 62 Fluorobenzene	96	5.413	5.413	0.000	97	675580	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.578	5.571	0.007	92	574095	40.0	33.7	
140 n-Butanol	56	5.626	5.626	0.000	2	71653	500.0	637.5	
64 Trichloroethene	95	5.693	5.687	0.006	87	80907	20.0	17.9	
65 Ethyl acrylate	55	5.785	5.779	0.006	94	264437	20.0	19.6	
66 Methylcyclohexane	83	5.797	5.797	0.000	90	150719	20.0	19.0	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	90	91463	20.0	17.0	
* 69 1,4-Dioxane-d8	96	5.974	5.974	0.000	83	29215	1000.0	1000.0	
68 Methyl methacrylate	100	5.980	5.974	0.006	87	39013	40.0	35.9	
70 n-Propyl acetate	43	6.016	6.016	0.000	82	158873	20.0	20.9	
71 1,4-Dioxane	88	6.016	6.022	-0.006	15	14239	400.0	535.6	M
72 Dibromomethane	93	6.041	6.041	0.000	88	47082	20.0	17.1	
73 Dichlorobromomethane	83	6.163	6.157	0.006	94	98018	20.0	16.7	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	83	48069	20.0	18.4	
75 2-Nitropropane	41	6.455	6.455	0.000	89	46462	40.0	37.9	
76 Epichlorohydrin	57	6.541	6.541	0.000	98	173799	400.0	397.0	
77 cis-1,3-Dichloropropene	75	6.590	6.583	0.007	92	124799	20.0	18.0	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.711	0.000	98	594221	100.0	105.9	
$ 79 Toluene-d8 (Surr)	98	6.785	6.778	0.007	97	653712	50.0	46.0	
80 Toluene	91	6.839	6.839	0.000	92	312823	20.0	17.2	
81 trans-1,3-Dichloropropene	75	7.065	7.065	0.000	93	106820	20.0	18.6	
82 Ethyl methacrylate	69	7.077	7.077	0.000	94	103894	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.211	7.211	0.000	91	55323	20.0	17.4	
84 Tetrachloroethene	166	7.248	7.248	0.000	81	58767	20.0	17.0	
85 1,3-Dichloropropane	76	7.352	7.345	0.007	98	114272	20.0	17.4	
86 2-Hexanone	43	7.376	7.370	0.006	98	368852	100.0	104.6	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	19621	20.0	17.6	
88 Chlorodibromomethane	129	7.492	7.492	0.000	94	55776	20.0	16.5	
89 Ethylene Dibromide	107	7.589	7.589	0.000	96	57117	20.0	17.7	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	80	418565	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	81	175925	20.0	16.7	
92 Ethylbenzene	106	7.943	7.943	0.000	99	100121	20.0	16.6	
93 1,1,1,2-Tetrachloroethane	131	7.955	7.955	0.000	83	59344	20.0	16.0	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	126670	20.0	17.2	
95 n-Butyl acrylate	73	8.242	8.242	0.000	95	57006	20.0	17.1	
96 o-Xylene	106	8.284	8.284	0.000	89	125995	20.0	16.7	
97 Styrene	104	8.296	8.296	0.000	91	205124	20.0	16.4	
98 Amyl acetate (mixed isomer	43	8.376	8.376	0.000	87	200192	20.0	20.2	
99 Bromoform	173	8.437	8.437	0.000	92	33858	20.0	16.5	
100 Isopropylbenzene	105	8.498	8.498	0.000	97	338595	20.0	17.8	
$ 101 4-Bromofluorobenzene	174	8.626	8.626	0.000	81	150541	50.0	44.6	
102 Camphene	41	8.638	8.638	0.000	94	47434	20.0	22.2	
103 1,1,2,2-Tetrachloroethane	83	8.717	8.717	0.000	76	94819	20.0	18.8	
104 Bromobenzene	156	8.717	8.717	0.000	89	68895	20.0	17.2	
105 N-Propylbenzene	91	8.742	8.741	0.001	97	446536	20.0	19.2	
139 trans-1,4-Dichloro-2-buten	53	8.760	8.754	0.006	62	35272	20.0	20.8	
106 1,2,3-Trichloropropane	110	8.754	8.754	0.000	87	27139	20.0	20.2	
107 4-Ethyltoluene	105	8.809	8.802	0.007	90	350796	20.0	18.4	
108 2-Chlorotoluene	91	8.815	8.815	0.000	94	301856	20.0	17.5	
109 1,3,5-Trimethylbenzene	105	8.845	8.839	0.006	77	290563	20.0	18.0	
110 Butyl Methacrylate	87	8.882	8.876	0.006	95	99571	20.0	15.9	
111 4-Chlorotoluene	91	8.882	8.882	0.000	97	260010	20.0	17.9	
112 tert-Butylbenzene	119	9.028	9.028	0.000	87	224289	20.0	17.8	
113 1,2,4-Trimethylbenzene	105	9.065	9.058	0.007	98	295047	20.0	17.9	
114 sec-Butylbenzene	105	9.150	9.150	0.000	98	383820	20.0	19.6	
115 4-Isopropyltoluene	119	9.229	9.229	0.000	94	305538	20.0	18.3	
116 1,3-Dichlorobenzene	146	9.254	9.247	0.007	92	146685	20.0	17.7	
* 117 1,4-Dichlorobenzene-d4	152	9.296	9.290	0.006	97	212102	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.308	9.308	0.000	88	151847	20.0	17.6	
119 Benzyl chloride	91	9.394	9.394	0.000	97	164544	20.0	18.5	
120 2,3-Dihydroindene	117	9.443	9.443	0.001	92	322817	20.0	16.3	
121 p-Diethylbenzene	119	9.455	9.455	0.000	85	205105	20.0	18.0	
122 n-Butylbenzene	92	9.473	9.473	0.000	98	196047	20.0	18.6	
123 1,2-Dichlorobenzene	146	9.540	9.540	0.000	90	141512	20.0	16.8	
124 1,2,4,5-Tetramethylbenzene	119	9.967	9.961	0.006	96	272003	20.0	17.0	
125 1,2-Dibromo-3-Chloropropan	75	10.064	10.058	0.006	85	18059	20.0	20.3	
126 1,3,5-Trichlorobenzene	180	10.162	10.162	0.000	93	106617	20.0	16.8	
127 Camphor	95	10.595	10.595	0.000	95	38288	100.0	95.8	
128 1,2,4-Trichlorobenzene	180	10.662	10.662	0.000	91	94752	20.0	18.5	
129 Hexachlorobutadiene	225	10.741	10.735	0.006	88	42050	20.0	16.6	
130 Naphthalene	128	10.900	10.893	0.007	98	248110	20.0	21.7	
133 1,2,3-Trichlorobenzene	180	11.119	11.113	0.006	93	81105	20.0	20.3	
S 137 Xylenes, Total	100				0		40.0	33.9	

QC Flag Legend

Review Flags
M - Manually Integrated

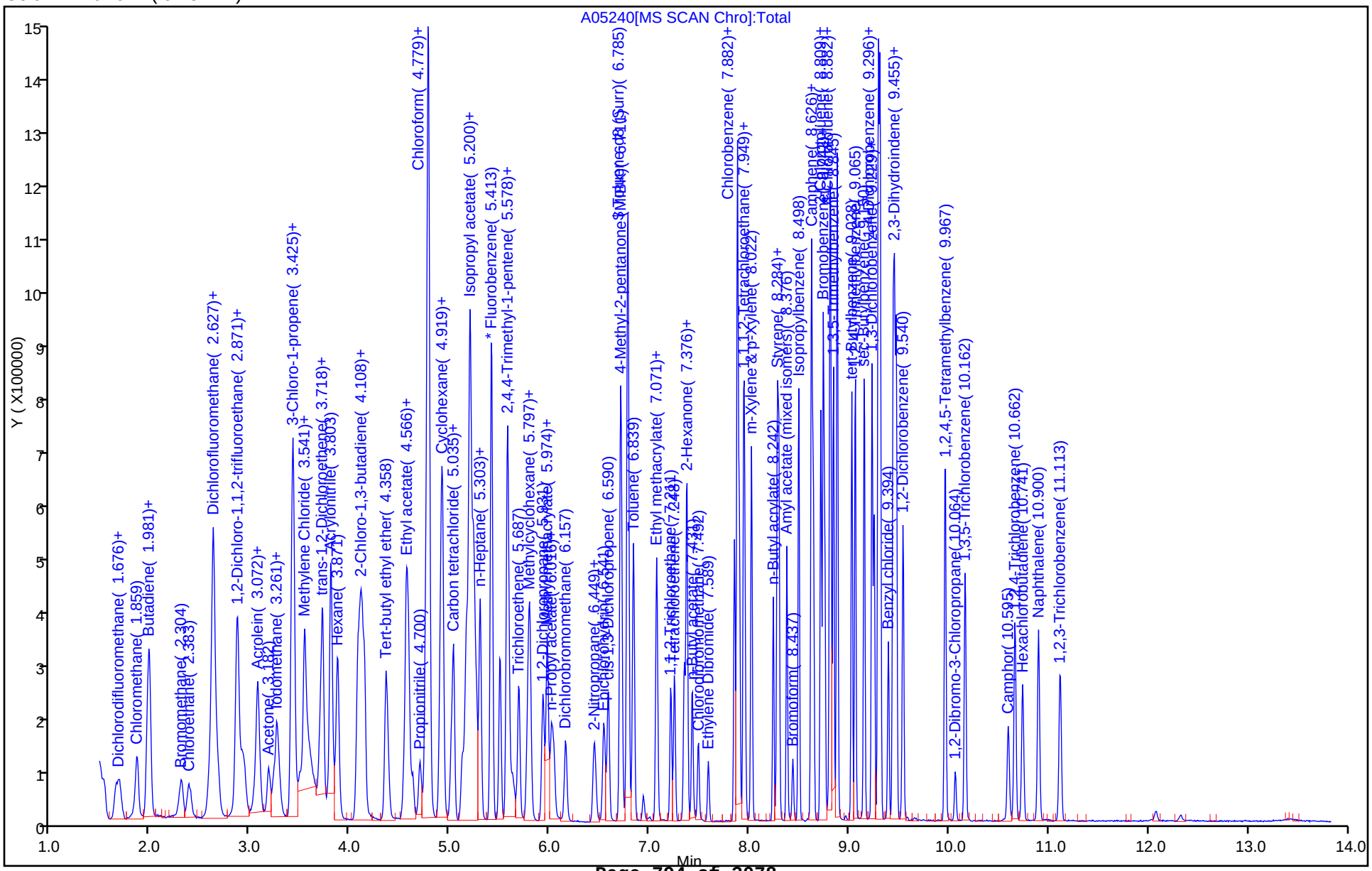
Report Date: 24-Jun-2014 10:22:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05240.D

Injection Date:	23-Jun-2014 08:39:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232427/3

Matrix: Water Lab File ID: B69902.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 05:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.0		1.0	0.10
74-83-9	Bromomethane	18.2		1.0	0.18
75-01-4	Vinyl chloride	19.9		1.0	0.14
75-00-3	Chloroethane	20.5		1.0	0.17
75-09-2	Methylene Chloride	19.8		1.0	0.18
75-69-4	Trichlorofluoromethane	18.0		1.0	0.15
67-64-1	Acetone	99.6		5.0	2.7
75-15-0	Carbon disulfide	19.0		1.0	0.13
75-35-4	1,1-Dichloroethene	19.1		1.0	0.090
75-34-3	1,1-Dichloroethane	18.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.13
67-66-3	Chloroform	19.2		1.0	0.080
107-06-2	1,2-Dichloroethane	19.3		1.0	0.19
78-93-3	2-Butanone	92.1		5.0	2.3
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.060
56-23-5	Carbon tetrachloride	17.7		1.0	0.060
110-82-7	Cyclohexane	19.1		1.0	0.16
1634-04-4	MTBE	21.5		1.0	0.14
76-13-1	Freon TF	18.5		1.0	0.080
71-43-2	Benzene	20.7		1.0	0.080
79-20-9	Methyl acetate	109		5.0	0.34
75-25-2	Bromoform	19.5		1.0	0.19
79-01-6	Trichloroethene	19.3		1.0	0.090
98-82-8	Isopropylbenzene	21.3		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.24
591-78-6	2-Hexanone	113		5.0	0.50
108-10-1	4-Methyl-2-pentanone	111		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.18
108-88-3	Toluene	20.0		1.0	0.15
108-90-7	Chlorobenzene	19.6		1.0	0.11
100-41-4	Ethylbenzene	20.1		1.0	0.10
78-87-5	1,2-Dichloropropane	18.1		1.0	0.090
108-87-2	Methylcyclohexane	19.6		1.0	0.14
1330-20-7	Xylenes, Total	41.3		2.0	0.13
100-42-5	Styrene	21.1		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232427/3

Matrix: Water Lab File ID: B69902.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 05:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	20.0		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	21.4		1.0	0.16
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.14
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.19
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.21
124-48-1	Dibromochloromethane	19.9		1.0	0.20
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.3		1.0	0.22
75-27-4	Bromodichloromethane	18.0		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	22.5		1.0	0.51
74-97-5	Bromochloromethane	20.7		1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	98		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69902.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2014 05:45:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0014950-003
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:29:28 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:29:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.102	0.000	55	20030	20.0	14.8	
2 Dichlorodifluoromethane	85	1.110	1.110	0.000	88	170849	20.0	17.3	
3 Chloromethane	50	1.233	1.233	0.000	88	92889	20.0	19.0	
4 Vinyl chloride	62	1.316	1.316	0.000	83	116353	20.0	19.9	
5 Butadiene	54	1.324	1.324	0.000	87	79896	20.0	18.6	
7 Bromomethane	94	1.554	1.554	0.000	97	93860	20.0	18.2	
8 Chloroethane	64	1.628	1.628	0.000	96	71980	20.0	20.5	
9 Trichlorofluoromethane	101	1.801	1.801	0.000	84	180786	20.0	18.0	
10 Dichlorofluoromethane	67	1.809	1.809	0.000	89	231210	20.0	21.9	
19 Pentane	72	1.818	1.818	0.000	94	25892	40.0	35.8	
15 Acrolein	56	1.826	1.826	0.000	29	8517	40.0	34.3	
139 Ethanol	46	2.015	2.015	0.000	55	10131	1000.0	1105.9	
11 Ethyl ether	59	2.023	2.023	0.000	80	57574	20.0	18.5	
13 2-Methyl-1,3-butadiene	53	2.023	2.023	0.000	93	60515	20.0	16.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.081	2.081	0.000	82	85616	20.0	17.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.196	2.196	0.000	57	96520	20.0	18.5	
17 1,1-Dichloroethene	96	2.196	2.196	0.000	91	83015	20.0	19.1	
18 Acetone	43	2.311	2.311	0.000	85	97358	100.0	99.6	
20 Iodomethane	142	2.336	2.336	0.000	98	191833	20.0	19.6	
21 Carbon disulfide	76	2.353	2.353	0.000	99	236219	20.0	19.0	
135 Isopropyl alcohol	45	2.443	2.443	0.000	87	27026	200.0	191.9	
141 3-Chloro-1-propene	76	2.525	2.525	0.000	20	40255	20.0	19.1	
22 Cyclopentene	67	2.525	2.525	0.000	82	174688	20.0	18.9	
23 Methyl acetate	43	2.558	2.558	0.000	95	191319	100.0	108.5	
24 Acetonitrile	41	2.608	2.608	0.000	94	58966	200.0	226.9	
25 Methylene Chloride	84	2.649	2.649	0.000	74	88901	20.0	19.8	
* 26 TBA-d9 (IS)	65	2.706	2.706	0.000	28	312182	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.781	2.781	0.000	89	69071	200.0	177.4	
28 Methyl tert-butyl ether	73	2.838	2.838	0.000	94	230705	20.0	21.5	
29 trans-1,2-Dichloroethene	96	2.838	2.838	0.000	82	85385	20.0	18.7	
31 Acrylonitrile	53	2.937	2.937	0.000	92	177782	200.0	224.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.003	3.003	0.000	86	33436	20.0	17.2	
34 1,1-Dichloroethane	63	3.266	3.266	0.000	93	136787	20.0	18.7	
33 Isopropyl ether	45	3.266	3.266	0.000	91	156037	20.0	19.0	
36 2-Chloro-1,3-butadiene	88	3.307	3.307	0.000	77	69215	20.0	19.7	
35 Vinyl acetate	43	3.307	3.307	0.000	99	239799	40.0	41.1	
136 Allyl alcohol	57	3.365	3.365	0.000	78	17665	500.0	627.6	
37 Tert-butyl ethyl ether	59	3.612	3.612	0.000	91	192244	20.0	19.7	
38 2,2-Dichloropropane	77	3.801	3.801	0.000	90	139432	20.0	18.4	
39 cis-1,2-Dichloroethene	96	3.834	3.834	0.000	92	91244	20.0	20.1	
40 2-Butanone (MEK)	72	3.883	3.883	0.000	98	33714	100.0	92.1	
41 Ethyl acetate	70	3.900	3.900	0.000	96	11538	40.0	35.7	
42 Methyl acrylate	55	3.949	3.949	0.000	86	40839	20.0	21.7	
43 Propionitrile	54	4.023	4.023	0.000	94	66654	200.0	173.2	
45 Chlorobromomethane	128	4.073	4.073	0.000	67	50895	20.0	20.7	
44 Tetrahydrofuran	72	4.081	4.081	0.000	49	13526	40.0	36.7	
46 Methacrylonitrile	67	4.130	4.130	0.000	85	240984	200.0	225.9	
47 Chloroform	83	4.155	4.155	0.000	87	180780	20.0	19.2	
48 Cyclohexane	56	4.262	4.262	0.000	84	96322	20.0	19.1	
49 1,1,1-Trichloroethane	97	4.295	4.295	0.000	91	167057	20.0	18.5	
$ 57 Dibromofluoromethane (Surr	113	4.336	4.336	0.000	96	246680	50.0	48.7	
50 Carbon tetrachloride	117	4.418	4.418	0.000	91	145848	20.0	17.7	
51 1,1-Dichloropropene	75	4.468	4.468	0.000	88	104861	20.0	18.9	
52 Benzene	78	4.690	4.690	0.000	97	287275	20.0	20.7	
138 Isobutyl alcohol	43	4.715	4.715	0.000	50	55872	500.0	421.0	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.723	4.723	0.000	83	295365	50.0	47.0	
140 Tert-amyl methyl ether	73	4.813	4.813	0.000	91	224247	20.0	20.4	
54 1,2-Dichloroethane	62	4.813	4.813	0.000	85	144404	20.0	19.3	
55 Isopropyl acetate	43	4.846	4.846	0.000	96	138929	20.0	19.1	
56 n-Heptane	57	4.912	4.912	0.000	75	24529	20.0	17.8	
* 58 Fluorobenzene	96	5.044	5.044	0.000	98	725122	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.315	5.315	0.000	87	189764	40.0	35.6	
60 Trichloroethene	95	5.455	5.455	0.000	94	94334	20.0	19.3	
61 n-Butanol	56	5.505	5.505	0.000	89	25872	500.0	481.3	
62 Methylcyclohexane	83	5.587	5.587	0.000	91	100164	20.0	19.6	
63 Ethyl acrylate	55	5.677	5.677	0.000	96	61185	20.0	19.9	
64 1,2-Dichloropropane	63	5.801	5.801	0.000	81	64455	20.0	18.1	
* 65 1,4-Dioxane-d8	96	5.891	5.891	0.000	59	32376	1000.0	1000.0	
68 Dibromomethane	93	5.949	5.949	0.000	95	61457	20.0	20.1	
67 1,4-Dioxane	88	5.965	5.965	0.000	34	14244	400.0	450.8	
66 Methyl methacrylate	100	5.965	5.965	0.000	79	34679	40.0	42.4	
69 n-Propyl acetate	43	6.056	6.056	0.000	95	60543	20.0	18.6	
70 Dichlorobromomethane	83	6.163	6.163	0.000	95	119193	20.0	18.0	
71 2-Nitropropane	41	6.599	6.599	0.000	97	21950	40.0	33.1	
72 2-Chloroethyl vinyl ether	63	6.632	6.632	0.000	91	31390	20.0	15.5	
73 Epichlorohydrin	57	6.731	6.731	0.000	97	96844	400.0	464.7	
74 cis-1,3-Dichloropropene	75	6.780	6.780	0.000	86	115527	20.0	20.2	
75 4-Methyl-2-pentanone (MIBK	43	7.002	7.002	0.000	94	249351	100.0	111.4	
$ 76 Toluene-d8 (Surr)	98	7.035	7.035	0.000	98	776138	50.0	51.2	
77 Toluene	91	7.118	7.118	0.000	93	337942	20.0	20.0	
78 trans-1,3-Dichloropropene	75	7.504	7.504	0.000	94	97569	20.0	18.4	
79 Ethyl methacrylate	69	7.570	7.570	0.000	85	75130	20.0	17.5	
80 1,1,2-Trichloroethane	83	7.702	7.702	0.000	87	61869	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
81 Tetrachloroethene	166	7.702	7.702	0.000	87	96378	20.0	20.0	
82 1,3-Dichloropropane	76	7.883	7.883	0.000	89	123855	20.0	21.2	
83 2-Hexanone	43	7.974	7.974	0.000	93	184528	100.0	113.0	
84 Chlorodibromomethane	129	8.072	8.072	0.000	95	90480	20.0	19.9	
85 n-Butyl acetate	73	8.089	8.089	0.000	97	13693	20.0	20.9	
86 Ethylene Dibromide	107	8.187	8.187	0.000	97	82961	20.0	21.5	
* 87 Chlorobenzene-d5	117	8.632	8.632	0.000	88	658542	50.0	50.0	
88 Chlorobenzene	112	8.665	8.665	0.000	93	262562	20.0	19.6	
89 Ethylbenzene	106	8.755	8.755	0.000	99	133352	20.0	20.1	
90 1,1,1,2-Tetrachloroethane	131	8.764	8.764	0.000	85	100911	20.0	19.4	
91 m-Xylene & p-Xylene	106	8.871	8.871	0.000	98	162893	20.0	20.4	
92 o-Xylene	106	9.249	9.249	0.000	92	162854	20.0	21.0	
137 n-Butyl acrylate	73	9.257	9.257	0.000	96	57973	20.0	20.6	
93 Styrene	104	9.274	9.274	0.000	93	285212	20.0	21.1	
95 Bromoform	173	9.455	9.455	0.000	96	57605	20.0	19.5	
94 Amyl acetate (mixed isomer	43	9.471	9.471	0.000	93	112783	20.0	17.1	
96 Isopropylbenzene	105	9.570	9.570	0.000	97	462158	20.0	21.3	
$ 97 4-Bromofluorobenzene	174	9.743	9.743	0.000	85	313363	50.0	49.1	
98 Camphene	41	9.759	9.759	0.000	90	23001	20.0	16.7	
99 Bromobenzene	156	9.858	9.858	0.000	96	131763	20.0	19.9	
100 1,1,2,2-Tetrachloroethane	83	9.916	9.916	0.000	90	107861	20.0	21.4	
101 N-Propylbenzene	91	9.932	9.932	0.000	98	543054	20.0	20.8	
102 1,2,3-Trichloropropane	110	9.949	9.949	0.000	83	39970	20.0	22.7	
103 trans-1,4-Dichloro-2-buten	53	9.973	9.973	0.000	58	23987	20.0	17.8	
104 2-Chlorotoluene	91	10.023	10.023	0.000	91	430495	20.0	20.4	
105 4-Ethyltoluene	105	10.039	10.039	0.000	95	496938	20.0	21.0	
106 1,3,5-Trimethylbenzene	105	10.097	10.097	0.000	91	431721	20.0	21.4	
107 4-Chlorotoluene	91	10.121	10.121	0.000	97	405057	20.0	19.6	
108 Butyl Methacrylate	87	10.196	10.196	0.000	89	118106	20.0	16.0	
109 tert-Butylbenzene	119	10.352	10.352	0.000	88	322203	20.0	20.4	
110 1,2,4-Trimethylbenzene	105	10.409	10.409	0.000	97	463352	20.0	21.6	
111 sec-Butylbenzene	105	10.541	10.541	0.000	98	449597	20.0	20.6	
113 1,3-Dichlorobenzene	146	10.656	10.656	0.000	94	260579	20.0	20.8	
112 4-Isopropyltoluene	119	10.656	10.656	0.000	96	413057	20.0	20.9	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	96	474508	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.730	10.730	0.000	93	268807	20.0	19.7	
118 Benzyl chloride	91	10.862	10.862	0.000	98	185975	20.0	20.2	
119 2,3-Dihydroindene	117	10.912	10.912	0.000	89	480302	20.0	21.3	
120 p-Diethylbenzene	119	10.969	10.969	0.000	85	253192	20.0	20.8	
121 n-Butylbenzene	91	10.986	10.986	0.000	97	467788	20.0	20.2	
122 1,2-Dichlorobenzene	146	11.035	11.035	0.000	94	271855	20.0	20.9	
123 1,2,4,5-Tetramethylbenzene	119	11.586	11.586	0.000	96	390989	20.0	20.3	
124 1,2-Dibromo-3-Chloropropan	75	11.669	11.669	0.000	96	21575	20.0	21.7	
125 1,3,5-Trichlorobenzene	180	11.784	11.784	0.000	97	184698	20.0	19.4	
126 Camphor	95	12.212	12.212	0.000	89	41866	100.0	91.1	
127 1,2,4-Trichlorobenzene	180	12.278	12.278	0.000	93	173618	20.0	20.3	
128 Hexachlorobutadiene	225	12.368	12.368	0.000	94	59379	20.0	18.0	
130 Naphthalene	128	12.492	12.492	0.000	99	338786	20.0	24.3	
131 1,2,3-Trichlorobenzene	180	12.697	12.697	0.000	94	141661	20.0	22.5	
S 133 1,2-Dichloroethene, Total	100				0			38.9	
S 134 Xylenes, Total	100				0		40.0	41.3	
S 147 Total BTEX	1				0			102.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

Report Date: 24-Jun-2014 12:29:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69902.D

Injection Date: 24-Jun-2014 05:45:30 Instrument ID: CVOAMS2 Operator ID:

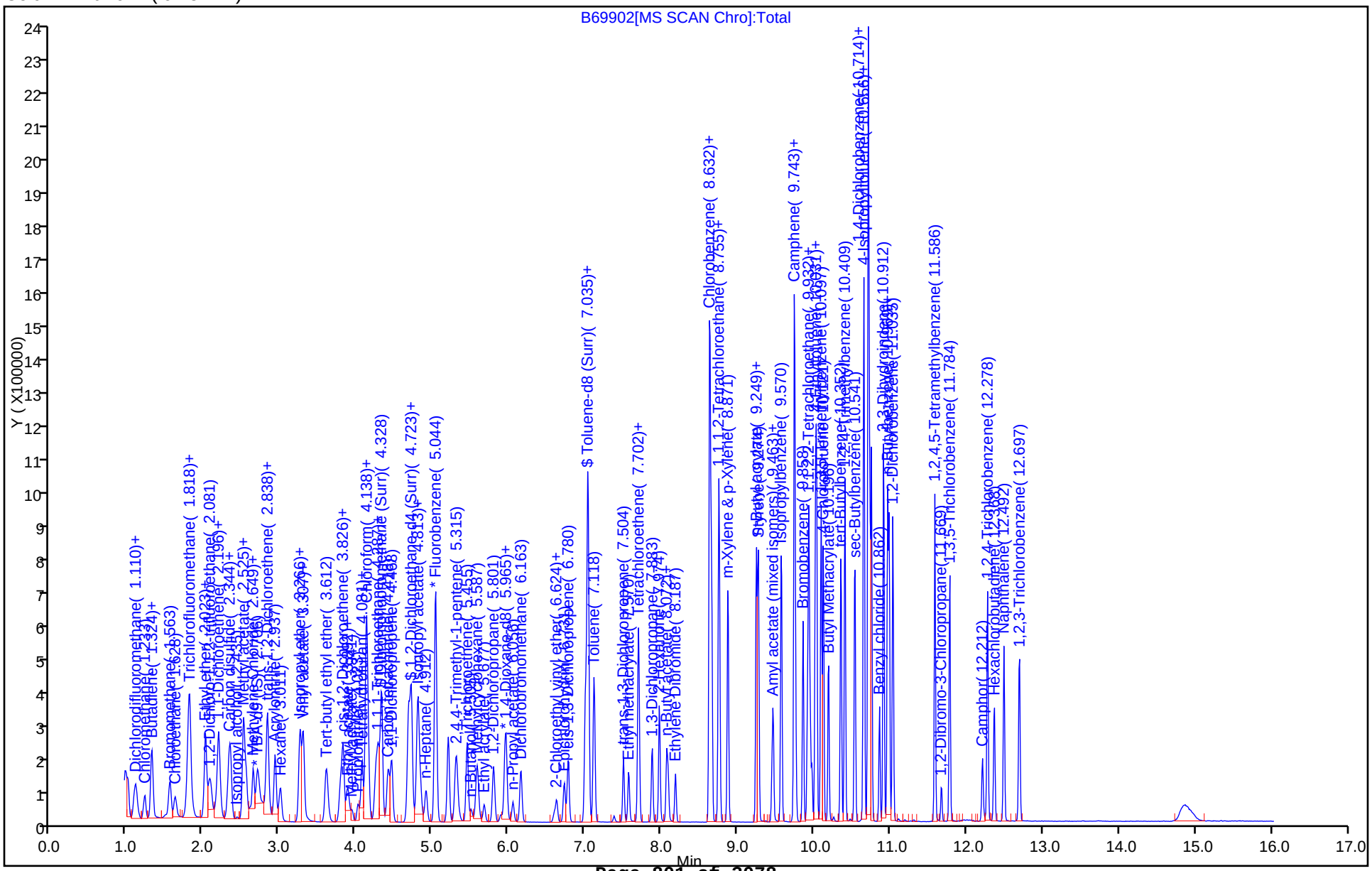
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232468/4

Matrix: Solid Lab File ID: J14657.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 12:17

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

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	974		50	4.8
74-83-9	Bromomethane	1210		50	9.1
75-01-4	Vinyl chloride	996		50	7.2
75-00-3	Chloroethane	1580		50	8.5
75-09-2	Methylene Chloride	911		50	9.1
75-69-4	Trichlorofluoromethane	1120		50	7.3
67-64-1	Acetone	6730		250	130
75-15-0	Carbon disulfide	902		50	6.3
75-35-4	1,1-Dichloroethene	950		50	4.4
75-34-3	1,1-Dichloroethane	940		50	6.5
156-59-2	cis-1,2-Dichloroethene	919		50	8.9
156-60-5	trans-1,2-Dichloroethene	945		50	6.4
67-66-3	Chloroform	967		50	3.9
107-06-2	1,2-Dichloroethane	938		50	9.5
78-93-3	2-Butanone	6350		250	120
71-55-6	1,1,1-Trichloroethane	924		50	3.1
179601-23-1	m&p-Xylene	899		50	12
56-23-5	Carbon tetrachloride	864		50	2.9
95-47-6	o-Xylene	906		50	6.5
110-82-7	Cyclohexane	884		50	7.9
1634-04-4	MTBE	899		50	6.9
76-13-1	Freon TF	1070		50	4.1
71-43-2	Benzene	1000		50	4.1
79-20-9	Methyl acetate	4830		250	17
75-25-2	Bromoform	929		50	9.6
79-01-6	Trichloroethene	955		50	4.6
98-82-8	Isopropylbenzene	941		50	3.8
10061-02-6	trans-1,3-Dichloropropene	844		50	12
591-78-6	2-Hexanone	6320		250	25
108-10-1	4-Methyl-2-pentanone	4880		250	49
10061-01-5	cis-1,3-Dichloropropene	880		50	9.2
108-88-3	Toluene	993		50	7.5
108-90-7	Chlorobenzene	972		50	5.5
100-41-4	Ethylbenzene	932		50	4.8
78-87-5	1,2-Dichloropropane	879		50	4.3
108-87-2	Methylcyclohexane	829		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-232468/4

Matrix: Solid Lab File ID: J14657.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 12:17

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

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	930		50	5.9
127-18-4	Tetrachloroethene	1060		50	4.9
96-12-8	1,2-Dibromo-3-Chloropropane	918		50	20
79-34-5	1,1,2,2-Tetrachloroethane	953		50	7.9
541-73-1	1,3-Dichlorobenzene	997		50	6.8
79-00-5	1,1,2-Trichloroethane	948		50	9.4
106-46-7	1,4-Dichlorobenzene	996		50	12
95-50-1	1,2-Dichlorobenzene	1030		50	10
124-48-1	Dibromochloromethane	982		50	10
120-82-1	1,2,4-Trichlorobenzene	1080		50	17
75-71-8	Dichlorodifluoromethane	870		50	11
75-27-4	Bromodichloromethane	916		50	6.3
106-93-4	1,2-Dibromoethane	953		50	14
123-91-1	1,4-Dioxane	35800		1300	1800
87-61-6	1,2,3-Trichlorobenzene	1100		50	26
74-97-5	Bromochloromethane	1010		50	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	106		72-133
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

Report Date: 24-Jun-2014 17:40:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14657.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2014 12:17:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0014962-004
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:40:52 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: martineze Date: 24-Jun-2014 17:38:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.423	1.422	0.001	91	19921	20.0	19.2	
1 Dichlorodifluoromethane	85	1.452	1.452	0.000	89	109201	20.0	17.4	
2 Chloromethane	50	1.623	1.622	0.001	89	118078	20.0	19.5	
4 Vinyl chloride	62	1.711	1.710	0.001	83	106378	20.0	19.9	
149 Butadiene	54	1.740	1.740	0.000	97	95587	20.0	19.8	
6 Bromomethane	94	1.993	1.992	0.001	97	60120	20.0	24.2	
7 Chloroethane	64	2.087	2.080	0.007	99	58409	20.0	31.7	
9 Dichlorofluoromethane	67	2.257	2.257	0.000	89	162430	20.0	21.2	
8 Trichlorofluoromethane	101	2.263	2.268	-0.005	86	126216	20.0	22.4	
10 Pentane	72	2.310	2.310	0.000	95	22476	40.0	57.4	
11 Ethanol	46	2.469	2.462	0.007	100	17754	1000.0	3144.7	
13 Ethyl ether	59	2.510	2.509	0.001	93	73574	20.0	21.0	
14 2-Methyl-1,3-butadiene	53	2.522	2.521	0.001	96	81368	20.0	23.1	
15 1,2-Dichloro-1,1,2-trifluo	117	2.551	2.551	0.001	87	61838	20.0	18.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.668	0.000	91	83901	20.0	21.4	
17 Acrolein	56	2.680	2.680	0.000	8	4657	40.0	15.3	
18 1,1-Dichloroethene	96	2.704	2.709	-0.005	85	84556	20.0	19.0	
19 Acetone	43	2.798	2.797	0.001	85	191407	100.0	134.7	
20 Iodomethane	142	2.856	2.856	0.000	99	132436	20.0	21.5	
34 Isopropyl alcohol	45	2.892	2.891	0.001	33	47662	200.0	289.1	
21 Carbon disulfide	76	2.892	2.891	0.001	100	306043	20.0	18.0	
147 3-Chloro-1-propene	76	3.027	3.026	0.001	89	50351	20.0	16.5	
23 Methyl acetate	43	3.039	3.038	0.001	99	507652	100.0	96.6	
22 Cyclopentene	67	3.044	3.044	0.000	78	264287	20.0	18.6	
24 Acetonitrile	41	3.091	3.091	0.000	94	147058	200.0	291.8	
* 151 TBA-d9 (IS)	65	3.150	3.150	0.000	88	383963	1000.0	1000.0	
25 Methylene Chloride	84	3.150	3.150	0.000	91	98509	20.0	18.2	
26 2-Methyl-2-propanol	59	3.215	3.220	-0.005	97	78144	200.0	281.8	
27 Methyl tert-butyl ether	73	3.315	3.308	0.007	97	284420	20.0	18.0	
29 trans-1,2-Dichloroethene	96	3.338	3.338	0.000	89	91056	20.0	18.9	
30 Acrylonitrile	53	3.415	3.414	0.001	93	426610	200.0	181.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.491	3.491	0.000	94	96042	20.0	16.4	
35 Isopropyl ether	45	3.703	3.702	0.001	98	372187	20.0	19.2	
36 1,1-Dichloroethane	63	3.738	3.737	0.001	93	193788	20.0	18.8	
37 Vinyl acetate	43	3.755	3.755	0.000	100	377320	40.0	33.4	
38 Allyl alcohol	57	3.761	3.767	-0.006	28	24278	500.0	625.3	
33 2-Chloro-1,3-butadiene	88	3.785	3.784	0.001	94	81824	20.0	18.3	
40 Tert-butyl ethyl ether	59	4.020	4.019	0.001	88	315143	20.0	18.1	
41 2,2-Dichloropropane	77	4.231	4.231	0.000	91	138634	20.0	17.3	
42 cis-1,2-Dichloroethene	96	4.261	4.260	0.001	84	96570	20.0	18.4	
44 Ethyl acetate	43	4.278	4.278	0.000	96	448740	40.0	35.7	
43 2-Butanone (MEK)	72	4.278	4.278	0.000	95	55880	100.0	127.0	
39 Methyl acrylate	55	4.331	4.331	0.000	97	99107	20.0	16.3	
48 Propionitrile	54	4.408	4.407	0.001	97	151732	200.0	277.6	
45 Tetrahydrofuran	72	4.490	4.489	0.001	68	24297	40.0	45.3	
46 Chlorobromomethane	128	4.490	4.489	0.001	78	44222	20.0	20.1	
31 Methacrylonitrile	67	4.513	4.513	0.000	95	448680	200.0	184.3	
47 Chloroform	83	4.537	4.536	0.001	88	170542	20.0	19.3	
49 Cyclohexane	56	4.666	4.666	0.000	96	147172	20.0	17.7	
50 1,1,1-Trichloroethane	97	4.678	4.677	0.001	92	134493	20.0	18.5	
$ 152 Dibromofluoromethane (Surr	113	4.695	4.695	0.000	94	241846	50.0	51.0	
51 Carbon tetrachloride	117	4.801	4.795	0.006	91	92463	20.0	17.3	
52 1,1-Dichloropropene	75	4.831	4.830	0.001	93	123414	20.0	18.4	
56 Isobutyl alcohol	43	4.954	4.954	0.000	83	77509	500.0	469.7	
155 Isooctane	57	4.995	4.995	0.000	98	224216	20.0	20.2	
53 Benzene	78	5.030	5.030	0.000	96	384543	20.0	20.0	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.048	5.048	0.000	90	342379	50.0	48.1	
57 Isopropyl acetate	43	5.083	5.083	0.000	91	308474	20.0	17.8	
142 Tert-amyl methyl ether	73	5.089	5.089	0.000	75	275402	20.0	18.0	
55 1,2-Dichloroethane	62	5.124	5.124	0.000	91	141197	20.0	18.8	
58 n-Heptane	57	5.177	5.183	-0.006	97	45140	20.0	17.9	
* 59 Fluorobenzene	96	5.318	5.318	0.000	97	976773	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.530	5.529	0.001	93	306172	40.0	33.4	
62 n-Butanol	56	5.618	5.617	0.001	92	39862	500.0	511.5	
61 Trichloroethene	95	5.671	5.676	-0.005	89	94661	20.0	19.1	
64 Ethyl acrylate	55	5.794	5.794	0.000	96	219288	20.0	16.4	
63 Methylcyclohexane	83	5.794	5.794	0.000	69	95469	20.0	16.6	
65 1,2-Dichloropropane	63	5.965	5.964	0.001	88	102448	20.0	17.6	
* 150 1,4-Dioxane-d8	96	6.023	6.023	0.000	54	50678	1000.0	1000.0	
66 Methyl methacrylate	100	6.041	6.041	0.000	92	45985	40.0	33.4	
67 1,4-Dioxane	88	6.082	6.076	0.006	42	21296	400.0	716.1	
69 n-Propyl acetate	43	6.094	6.093	0.001	99	161180	20.0	15.9	
68 Dibromomethane	93	6.094	6.099	-0.005	81	59904	20.0	18.7	
70 Dichlorobromomethane	83	6.247	6.246	0.001	95	115899	20.0	18.3	
72 2-Chloroethyl vinyl ether	63	6.582	6.581	0.001	86	66675	20.0	16.6	
71 2-Nitropropane	41	6.582	6.581	0.001	69	23263	40.0	21.5	
73 Epichlorohydrin	57	6.693	6.693	0.000	98	188022	400.0	323.1	
74 cis-1,3-Dichloropropene	75	6.746	6.746	0.000	91	143788	20.0	17.6	
75 4-Methyl-2-pentanone (MIBK	43	6.911	6.910	0.001	98	545583	100.0	97.6	
$ 76 Toluene-d8 (Surr)	98	6.993	6.992	0.001	98	865208	50.0	48.3	
77 Toluene	91	7.069	7.069	0.000	93	359174	20.0	19.9	
78 trans-1,3-Dichloropropene	75	7.422	7.421	0.001	93	119556	20.0	16.9	
82 Ethyl methacrylate	69	7.445	7.445	0.000	89	111945	20.0	15.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.639	7.639	0.000	92	71032	20.0	19.0	
80 Tetrachloroethene	166	7.680	7.680	0.000	86	68917	20.0	21.3	
81 1,3-Dichloropropane	76	7.851	7.844	0.007	95	140722	20.0	18.5	
83 2-Hexanone	58	7.909	7.903	0.006	99	181377	100.0	126.4	
85 n-Butyl acetate	43	8.021	8.021	0.000	97	136658	20.0	16.0	
84 Chlorodibromomethane	129	8.080	8.079	0.001	95	65446	20.0	19.6	
86 Ethylene Dibromide	107	8.238	8.238	0.000	98	79211	20.0	19.1	
* 87 Chlorobenzene-d5	117	8.785	8.784	0.001	89	650240	50.0	50.0	
88 Chlorobenzene	112	8.820	8.820	0.000	91	209603	20.0	19.4	
89 Ethylbenzene	106	8.920	8.920	0.000	99	108909	20.0	18.6	
90 1,1,1,2-Tetrachloroethane	131	8.938	8.937	0.001	83	62788	20.0	18.9	
91 m-Xylene & p-Xylene	106	9.079	9.078	0.001	98	129006	20.0	18.0	
93 n-Butyl acrylate	73	9.519	9.513	0.006	92	55980	20.0	14.1	
92 o-Xylene	106	9.531	9.531	0.000	92	127309	20.0	18.1	
94 Styrene	104	9.560	9.560	0.000	91	233556	20.0	18.6	
96 Amyl acetate (mixed isomer	43	9.743	9.742	0.000	88	149825	20.0	16.5	
97 Bromoform	173	9.766	9.766	0.000	94	34663	20.0	18.6	
98 Isopropylbenzene	105	9.878	9.877	0.001	97	294550	20.0	18.8	
$ 99 4-Bromofluorobenzene	174	10.060	10.059	0.001	83	221502	50.0	53.2	
95 Camphene	41	10.072	10.071	0.001	89	26240	20.0	21.7	
100 Bromobenzene	156	10.177	10.177	0.000	93	80342	20.0	20.9	
101 1,1,2,2-Tetrachloroethane	83	10.213	10.218	-0.005	84	102335	20.0	19.1	
102 N-Propylbenzene	91	10.236	10.236	0.000	94	355121	20.0	19.4	
103 1,2,3-Trichloropropane	110	10.254	10.259	-0.005	95	28838	20.0	19.5	
104 trans-1,4-Dichloro-2-buten	53	10.271	10.271	0.000	82	34313	20.0	18.1	
105 2-Chlorotoluene	91	10.324	10.330	-0.006	95	268064	20.0	19.2	
143 4-Ethyltoluene	105	10.330	10.330	0.000	87	292398	20.0	18.9	
106 1,3,5-Trimethylbenzene	105	10.383	10.388	-0.005	90	246462	20.0	19.3	
107 4-Chlorotoluene	91	10.418	10.424	-0.006	98	254449	20.0	19.1	
108 Butyl Methacrylate	87	10.465	10.465	0.000	96	88423	20.0	15.3	
109 tert-Butylbenzene	119	10.624	10.623	0.001	87	175592	20.0	18.9	
110 1,2,4-Trimethylbenzene	105	10.671	10.670	0.001	98	258304	20.0	18.8	
113 sec-Butylbenzene	105	10.782	10.782	0.000	98	263385	20.0	19.5	
114 4-Isopropyltoluene	119	10.882	10.882	0.000	95	219571	20.0	18.7	
115 1,3-Dichlorobenzene	146	10.888	10.888	0.000	92	140514	20.0	19.9	
* 116 1,4-Dichlorobenzene-d4	152	10.941	10.941	0.000	90	307938	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.953	10.958	-0.005	84	146080	20.0	19.9	
118 Benzyl chloride	91	11.059	11.058	0.001	98	143333	20.0	13.4	
119 2,3-Dihydroindene	117	11.100	11.105	-0.005	89	264604	20.0	19.4	
133 p-Diethylbenzene	119	11.135	11.140	-0.005	88	134033	20.0	18.8	
120 n-Butylbenzene	91	11.153	11.158	-0.005	96	276625	20.0	19.6	
121 1,2-Dichlorobenzene	146	11.206	11.205	0.001	92	145448	20.0	20.6	
132 1,2,4,5-Tetramethylbenzene	119	11.617	11.628	-0.011	96	231727	20.0	19.0	
122 1,2-Dibromo-3-Chloropropan	75	11.693	11.704	-0.011	87	20235	20.0	18.4	
145 1,3,5-Trichlorobenzene	180	11.775	11.787	-0.012	94	90723	20.0	21.9	
123 Camphor	95	12.122	12.128	-0.006	93	53241	100.0	94.1	
124 1,2,4-Trichlorobenzene	180	12.175	12.186	-0.011	92	91119	20.0	21.6	
126 Hexachlorobutadiene	225	12.240	12.251	-0.011	86	36289	20.0	26.6	
127 Naphthalene	128	12.345	12.357	-0.012	99	290570	20.0	19.2	
128 1,2,3-Trichlorobenzene	180	12.510	12.521	-0.011	93	87605	20.0	21.9	
S 131 Xylenes, Total	100				0		40.0	36.1	

Report Date: 24-Jun-2014 17:40:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14657.D

Injection Date: 24-Jun-2014 12:17:30 Instrument ID: CVOAMS8 Operator ID:

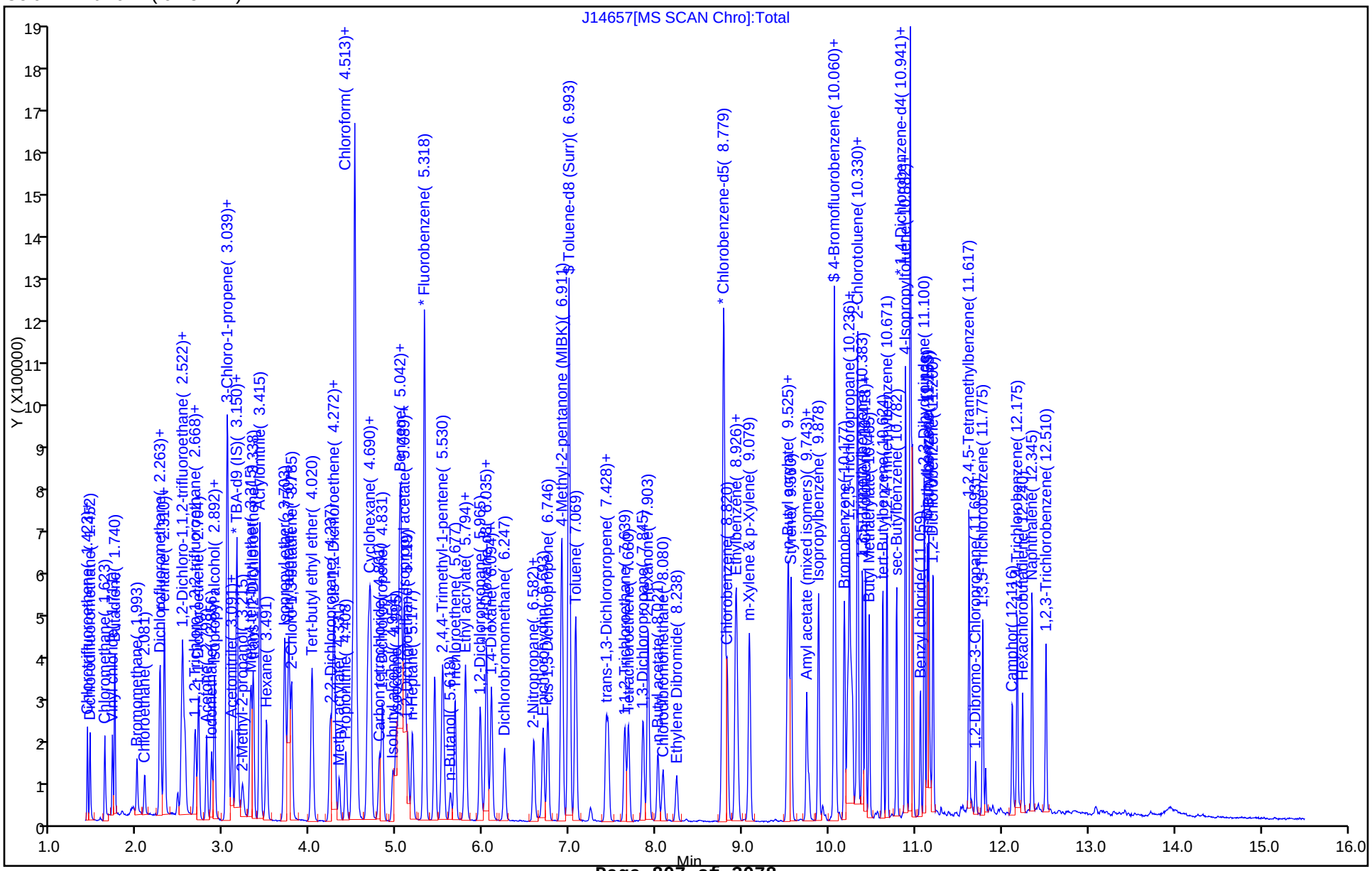
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-232119/4

Matrix: Solid Lab File ID: K28514.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/22/2014 07:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232119 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.7		1.0	0.16
74-83-9	Bromomethane	16.2		1.0	0.43
75-01-4	Vinyl chloride	17.5		1.0	0.34
75-00-3	Chloroethane	16.9		1.0	0.33
75-09-2	Methylene Chloride	18.9		1.0	0.15
75-69-4	Trichlorofluoromethane	16.7		1.0	0.16
67-64-1	Acetone	74.9		5.0	1.7
75-15-0	Carbon disulfide	17.7		1.0	0.15
75-35-4	1,1-Dichloroethene	17.8		1.0	0.19
75-34-3	1,1-Dichloroethane	18.7		1.0	0.11
156-59-2	cis-1,2-Dichloroethene	18.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.13
67-66-3	Chloroform	18.6		1.0	0.24
107-06-2	1,2-Dichloroethane	18.9		1.0	0.18
78-93-3	2-Butanone	83.7		5.0	0.63
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.13
179601-23-1	m&p-Xylene	18.4		1.0	0.59
56-23-5	Carbon tetrachloride	18.2		1.0	0.15
95-47-6	o-Xylene	19.1		1.0	0.19
110-82-7	Cyclohexane	19.4		1.0	0.13
1634-04-4	MTBE	20.7		1.0	0.11
76-13-1	Freon TF	17.7		1.0	0.11
71-43-2	Benzene	19.3		1.0	0.15
79-20-9	Methyl acetate	117		5.0	0.32
75-25-2	Bromoform	19.4		1.0	0.17
79-01-6	Trichloroethene	18.1		1.0	0.12
98-82-8	Isopropylbenzene	19.6		1.0	0.11
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.10
591-78-6	2-Hexanone	116		5.0	0.13
108-10-1	4-Methyl-2-pentanone	119		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.14
108-88-3	Toluene	18.6		1.0	0.14
108-90-7	Chlorobenzene	18.3		1.0	0.18
100-41-4	Ethylbenzene	18.1		1.0	0.17
78-87-5	1,2-Dichloropropane	18.0		1.0	0.15
108-87-2	Methylcyclohexane	19.1		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-232119/4

Matrix: Solid | Lab File ID: K28514.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/22/2014 07:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232119 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	19.0		1.0	0.28
127-18-4	Tetrachloroethene	18.2		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	24.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.0	0.090
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.16
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.3		1.0	0.11
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.10
124-48-1	Dibromochloromethane	18.9		1.0	0.10
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.19
75-71-8	Dichlorodifluoromethane	15.9		1.0	0.22
75-27-4	Bromodichloromethane	18.1		1.0	0.32
106-93-4	1,2-Dibromoethane	18.9		1.0	0.15
123-91-1	1,4-Dioxane	391		20	13
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.16
74-97-5	Bromochloromethane	18.5		1.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	88		70-130
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28514.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-Jun-2014 07:38:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0014879-004
Operator ID: Instrument ID: CVOAMS9

Method: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2014 11:17:19 Calib Date: 16-Jun-2014 16:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS9\20140616-14635.b\K28252.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: tupayachia Date: 23-Jun-2014 08:51:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.568	1.578	-0.010	84	30940	20.0	15.9	
1 Dichlorodifluoromethane	85	1.605	1.616	-0.011	87	172015	20.0	15.9	
2 Chloromethane	50	1.771	1.787	-0.016	89	161789	20.0	16.7	
4 Vinyl chloride	62	1.878	1.888	-0.010	83	166672	20.0	17.5	
149 Butadiene	54	1.883	1.894	-0.011	98	129452	20.0	17.5	
6 Bromomethane	94	2.178	2.183	-0.005	98	86513	20.0	16.2	
7 Chloroethane	64	2.247	2.252	-0.005	98	72645	20.0	16.9	
9 Dichlorofluoromethane	67	2.434	2.445	-0.011	88	241007	20.0	18.5	
8 Trichlorofluoromethane	101	2.440	2.456	-0.016	87	189830	20.0	16.7	
10 Pentane	72	2.483	2.482	0.001	96	36960	40.0	33.8	
11 Ethanol	46	2.648	2.670	-0.022	95	30213	1000.0	942.3	
13 Ethyl ether	59	2.675	2.686	-0.011	93	69070	20.0	18.7	
14 2-Methyl-1,3-butadiene	53	2.697	2.707	-0.011	98	100359	20.0	17.8	
15 1,2-Dichloro-1,1,2-trifluo	117	2.729	2.734	-0.005	87	88685	20.0	17.8	
17 Acrolein	56	2.857	2.862	-0.005	84	41238	300.0	165.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.868	2.873	-0.005	95	122052	20.0	17.7	
18 1,1-Dichloroethene	96	2.889	2.900	-0.011	88	101288	20.0	17.8	
19 Acetone	43	2.985	2.990	-0.005	85	145374	100.0	74.9	
20 Iodomethane	142	3.050	3.055	-0.005	98	178801	20.0	17.9	
34 Isopropyl alcohol	45	3.071	3.076	-0.005	93	77911	200.0	188.1	
21 Carbon disulfide	76	3.082	3.092	-0.010	100	420584	20.0	17.7	
147 3-Chloro-1-propene	76	3.215	3.226	-0.011	87	61597	20.0	18.6	
23 Methyl acetate	43	3.226	3.237	-0.011	99	348928	100.0	117.5	
22 Cyclopentene	67	3.237	3.247	-0.010	85	319576	20.0	19.7	
24 Acetonitrile	41	3.285	3.290	-0.005	94	141900	200.0	172.4	
* 151 TBA-d9 (IS)	65	3.349	3.349	0.000	46	452483	1000.0	1000.0	
25 Methylene Chloride	84	3.344	3.354	-0.010	86	112443	20.0	18.9	
26 2-Methyl-2-propanol	59	3.419	3.418	0.001	91	114140	200.0	196.5	
27 Methyl tert-butyl ether	73	3.520	3.525	-0.005	97	246785	20.0	20.7	
29 trans-1,2-Dichloroethene	96	3.536	3.547	-0.011	89	110079	20.0	18.9	
30 Acrylonitrile	53	3.611	3.622	-0.011	93	302579	200.0	227.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.697	3.707	-0.010	93	105841	20.0	18.7	
35 Isopropyl ether	45	3.916	3.927	-0.011	96	312017	20.0	19.4	
36 1,1-Dichloroethane	63	3.948	3.953	-0.005	92	200538	20.0	18.7	
38 Allyl alcohol	57	3.959	3.959	0.000	30	50431	500.0	481.6	
37 Vinyl acetate	43	3.959	3.964	-0.005	100	327685	40.0	41.1	
33 2-Chloro-1,3-butadiene	88	3.996	4.002	-0.006	88	91182	20.0	19.1	
40 Tert-butyl ethyl ether	59	4.243	4.248	-0.005	89	262956	20.0	19.5	
41 2,2-Dichloropropane	77	4.462	4.462	0.000	86	169726	20.0	18.7	
42 cis-1,2-Dichloroethene	96	4.473	4.478	-0.005	90	106609	20.0	18.3	
44 Ethyl acetate	43	4.494	4.499	-0.005	94	326974	40.0	43.7	
43 2-Butanone (MEK)	72	4.494	4.499	-0.005	96	47895	100.0	83.7	
39 Methyl acrylate	55	4.553	4.553	0.000	93	65204	20.0	21.0	
48 Propionitrile	54	4.628	4.633	-0.005	97	120980	200.0	171.0	
46 Chlorobromomethane	128	4.708	4.713	-0.005	82	47772	20.0	18.5	
45 Tetrahydrofuran	42	4.719	4.718	0.001	89	65519	40.0	33.4	
31 Methacrylonitrile	67	4.735	4.734	0.001	93	323572	200.0	223.2	
47 Chloroform	83	4.756	4.761	-0.005	92	182847	20.0	18.6	
49 Cyclohexane	56	4.906	4.911	-0.005	93	209627	20.0	19.4	
50 1,1,1-Trichloroethane	97	4.917	4.916	0.001	76	172633	20.0	18.4	
$ 152 Dibromofluoromethane (Surr	113	4.917	4.922	-0.005	95	191264	50.0	44.2	
51 Carbon tetrachloride	117	5.040	5.039	0.001	90	150999	20.0	18.2	
52 1,1-Dichloropropene	75	5.061	5.066	-0.005	94	133028	20.0	18.5	
56 Isobutyl alcohol	43	5.173	5.173	0.000	85	101197	500.0	446.4	
53 Benzene	78	5.270	5.269	0.001	96	414448	20.0	19.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.275	5.280	-0.005	87	194762	50.0	44.5	
57 Isopropyl acetate	43	5.318	5.323	-0.005	92	239103	20.0	21.8	
142 Tert-amyl methyl ether	73	5.334	5.339	-0.005	90	250005	20.0	20.3	
55 1,2-Dichloroethane	62	5.355	5.355	0.000	90	114252	20.0	18.9	
58 n-Heptane	57	5.420	5.425	-0.005	94	100370	20.0	20.2	
* 59 Fluorobenzene	96	5.559	5.558	0.001	99	746101	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.778	5.783	-0.005	94	596615	40.0	36.6	
62 n-Butanol	56	5.842	5.842	0.000	90	68407	500.0	408.7	
61 Trichloroethene	95	5.912	5.917	-0.005	95	105749	20.0	18.1	
64 Ethyl acrylate	55	6.040	6.045	-0.005	96	261033	20.0	19.7	
63 Methylcyclohexane	83	6.051	6.051	0.000	93	198277	20.0	19.1	
65 1,2-Dichloropropane	63	6.211	6.211	0.000	90	97414	20.0	18.0	
* 150 1,4-Dioxane-d8	96	6.265	6.265	0.001	65	40278	1000.0	1000.0	
66 Methyl methacrylate	41	6.281	6.281	0.000	90	129702	40.0	41.6	
67 1,4-Dioxane	88	6.324	6.323	0.001	30	23325	400.0	390.5	
69 n-Propyl acetate	43	6.334	6.334	0.000	98	111910	20.0	21.2	
68 Dibromomethane	93	6.334	6.339	-0.005	62	54624	20.0	18.4	
70 Dichlorobromomethane	83	6.484	6.484	0.000	96	129258	20.0	18.1	
71 2-Nitropropane	41	6.826	6.826	0.000	84	38786	40.0	40.3	
72 2-Chloroethyl vinyl ether	63	6.826	6.826	0.000	70	37595	20.0	18.7	
73 Epichlorohydrin	57	6.933	6.933	0.000	98	155184	400.0	452.7	
74 cis-1,3-Dichloropropene	75	6.992	6.992	0.000	88	135631	20.0	18.8	
75 4-Methyl-2-pentanone (MIBK	43	7.164	7.163	0.001	98	410806	100.0	119.4	
$ 76 Toluene-d8 (Surr)	98	7.249	7.249	0.000	99	701710	50.0	44.8	
77 Toluene	91	7.324	7.329	-0.005	93	403885	20.0	18.6	
78 trans-1,3-Dichloropropene	75	7.666	7.666	0.000	96	105714	20.0	18.8	
82 Ethyl methacrylate	69	7.698	7.698	0.000	90	83200	20.0	19.7	
79 1,1,2-Trichloroethane	83	7.886	7.885	0.001	91	62087	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 Tetrachloroethene	166	7.939	7.944	-0.005	91	104242	20.0	18.2	
81 1,3-Dichloropropane	76	8.100	8.105	-0.005	92	115455	20.0	19.3	
83 2-Hexanone	43	8.164	8.164	0.000	98	266435	100.0	115.9	
85 n-Butyl acetate	43	8.276	8.276	0.000	98	101928	20.0	21.8	
84 Chlorodibromomethane	129	8.330	8.335	-0.005	97	86960	20.0	18.9	
86 Ethylene Dibromide	107	8.496	8.495	0.001	100	69768	20.0	18.9	
* 87 Chlorobenzene-d5	117	9.047	9.046	0.001	79	519364	50.0	50.0	
88 Chlorobenzene	112	9.084	9.084	0.000	92	251965	20.0	18.3	
89 Ethylbenzene	106	9.180	9.180	0.000	99	135787	20.0	18.1	
90 1,1,1,2-Tetrachloroethane	131	9.191	9.191	0.000	89	95561	20.0	18.5	
91 m-Xylene & p-Xylene	106	9.325	9.325	0.000	97	159828	20.0	18.4	
93 n-Butyl acrylate	73	9.715	9.715	0.000	87	44272	20.0	16.9	
92 o-Xylene	106	9.737	9.736	0.001	93	168040	20.0	19.1	
94 Styrene	104	9.763	9.763	0.000	95	267749	20.0	19.0	
96 Amyl acetate (mixed isomer	43	9.924	9.924	0.000	89	117238	20.0	20.9	
97 Bromoform	173	9.951	9.950	0.001	96	58437	20.0	19.4	
98 Isopropylbenzene	105	10.063	10.063	0.000	96	459234	20.0	19.6	
$ 99 4-Bromofluorobenzene	174	10.234	10.234	0.000	94	202234	50.0	44.2	
95 Camphene	41	10.256	10.255	0.001	97	40509	20.0	18.5	
100 Bromobenzene	156	10.347	10.346	0.001	96	105123	20.0	18.4	
101 1,1,2,2-Tetrachloroethane	83	10.373	10.373	0.000	89	106549	20.0	21.3	
102 N-Propylbenzene	91	10.405	10.405	0.000	98	574651	20.0	20.0	
103 1,2,3-Trichloropropane	110	10.416	10.416	0.000	93	26144	20.0	21.3	
104 trans-1,4-Dichloro-2-buten	53	10.427	10.427	0.000	85	28322	20.0	20.7	
105 2-Chlorotoluene	91	10.491	10.491	0.000	96	382038	20.0	19.3	
143 4-Ethyltoluene	105	10.496	10.496	0.000	93	469360	20.0	19.8	
106 1,3,5-Trimethylbenzene	105	10.545	10.544	0.001	84	395328	20.0	20.3	
107 4-Chlorotoluene	91	10.577	10.582	-0.005	95	330858	20.0	19.2	
108 Butyl Methacrylate	87	10.614	10.614	0.000	93	99468	20.0	17.1	
109 tert-Butylbenzene	119	10.775	10.774	0.001	91	306870	20.0	19.5	
110 1,2,4-Trimethylbenzene	105	10.817	10.822	-0.005	98	394747	20.0	20.1	
113 sec-Butylbenzene	105	10.930	10.929	0.001	99	530704	20.0	20.5	
114 4-Isopropyltoluene	119	11.026	11.026	0.000	96	443782	20.0	20.3	
115 1,3-Dichlorobenzene	146	11.031	11.031	0.000	97	217827	20.0	18.9	
* 116 1,4-Dichlorobenzene-d4	152	11.079	11.079	0.000	95	268172	50.0	50.0	
117 1,4-Dichlorobenzene	146	11.096	11.095	0.001	93	211576	20.0	18.3	
118 Benzyl chloride	91	11.192	11.192	0.000	98	175836	20.0	21.7	
119 2,3-Dihydroindene	117	11.240	11.240	0.000	90	377061	20.0	19.6	
133 p-Diethylbenzene	119	11.272	11.272	0.000	89	271260	20.0	19.4	
120 n-Butylbenzene	91	11.288	11.288	0.000	98	562284	20.0	20.5	
121 1,2-Dichlorobenzene	146	11.336	11.336	0.000	95	207278	20.0	19.1	
132 1,2,4,5-Tetramethylbenzene	119	11.743	11.743	0.000	97	365601	20.0	19.4	
122 1,2-Dibromo-3-Chloropropan	75	11.818	11.818	0.000	96	21090	20.0	24.2	
145 1,3,5-Trichlorobenzene	180	11.909	11.908	0.001	97	189880	20.0	18.7	
123 Camphor	95	12.262	12.262	0.000	93	45829	100.0	109.2	
124 1,2,4-Trichlorobenzene	180	12.315	12.315	0.000	93	167476	20.0	19.0	
126 Hexachlorobutadiene	225	12.385	12.385	0.000	92	95594	20.0	18.3	
127 Naphthalene	128	12.497	12.497	0.000	99	338290	20.0	20.7	
128 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	94	158928	20.0	19.1	
S 131 Xylenes, Total	100				0		40.0	37.6	

Report Date: 23-Jun-2014 11:17:19 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS9\20140622-14879.b\K28514.D

Injection Date: 22-Jun-2014 07:38:30 Instrument ID: CVOAMS9 Operator ID:

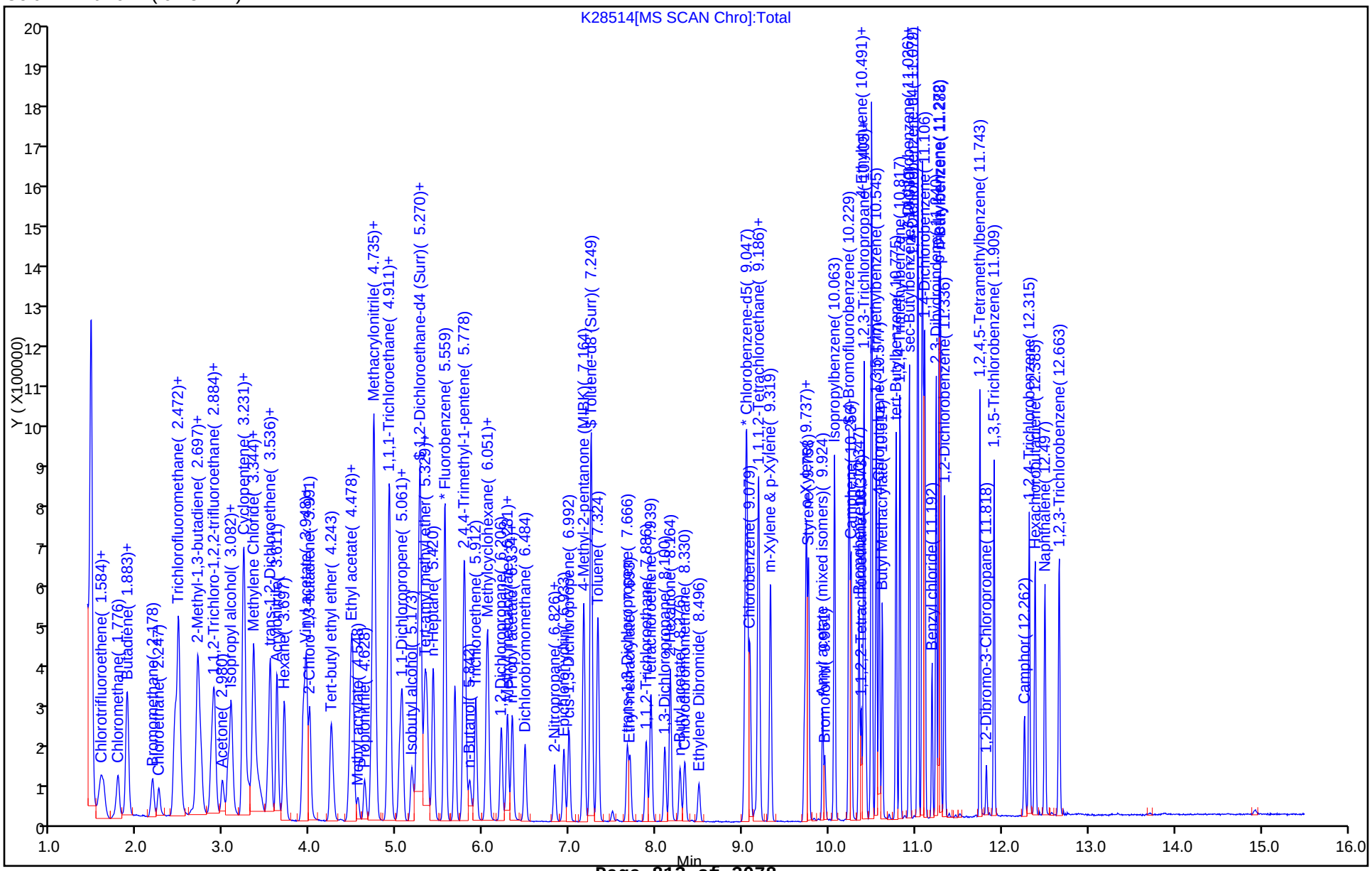
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-232468/5

Matrix: Solid Lab File ID: J14658.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 12:42

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

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 232468 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	921		50	4.8
74-83-9	Bromomethane	1120		50	9.1
75-01-4	Vinyl chloride	916		50	7.2
75-00-3	Chloroethane	1410		50	8.5
75-09-2	Methylene Chloride	923		50	9.1
75-69-4	Trichlorofluoromethane	1040		50	7.3
67-64-1	Acetone	6460		250	130
75-15-0	Carbon disulfide	882		50	6.3
75-35-4	1,1-Dichloroethene	926		50	4.4
75-34-3	1,1-Dichloroethane	908		50	6.5
156-59-2	cis-1,2-Dichloroethene	908		50	8.9
156-60-5	trans-1,2-Dichloroethene	926		50	6.4
67-66-3	Chloroform	960		50	3.9
107-06-2	1,2-Dichloroethane	950		50	9.5
78-93-3	2-Butanone	6250		250	120
71-55-6	1,1,1-Trichloroethane	922		50	3.1
179601-23-1	m&p-Xylene	869		50	12
56-23-5	Carbon tetrachloride	875		50	2.9
95-47-6	o-Xylene	913		50	6.5
110-82-7	Cyclohexane	874		50	7.9
1634-04-4	MTBE	882		50	6.9
76-13-1	Freon TF	1070		50	4.1
71-43-2	Benzene	969		50	4.1
79-20-9	Methyl acetate	4890		250	17
75-25-2	Bromoform	965		50	9.6
79-01-6	Trichloroethene	932		50	4.6
98-82-8	Isopropylbenzene	893		50	3.8
10061-02-6	trans-1,3-Dichloropropene	838		50	12
591-78-6	2-Hexanone	6110		250	25
108-10-1	4-Methyl-2-pentanone	4770		250	49
10061-01-5	cis-1,3-Dichloropropene	867		50	9.2
108-88-3	Toluene	953		50	7.5
108-90-7	Chlorobenzene	936		50	5.5
100-41-4	Ethylbenzene	880		50	4.8
78-87-5	1,2-Dichloropropane	880		50	4.3
108-87-2	Methylcyclohexane	820		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-232468/5

Matrix: Solid | Lab File ID: J14658.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2014 12:42

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

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 232468 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	878		50	5.9
127-18-4	Tetrachloroethene	1030		50	4.9
96-12-8	1,2-Dibromo-3-Chloropropane	842		50	20
79-34-5	1,1,2,2-Tetrachloroethane	926		50	7.9
541-73-1	1,3-Dichlorobenzene	965		50	6.8
79-00-5	1,1,2-Trichloroethane	911		50	9.4
106-46-7	1,4-Dichlorobenzene	982		50	12
95-50-1	1,2-Dichlorobenzene	1010		50	10
124-48-1	Dibromochloromethane	993		50	10
120-82-1	1,2,4-Trichlorobenzene	1050		50	17
75-71-8	Dichlorodifluoromethane	832		50	11
75-27-4	Bromodichloromethane	900		50	6.3
106-93-4	1,2-Dibromoethane	947		50	14
123-91-1	1,4-Dioxane	36500		1300	1800
87-61-6	1,2,3-Trichlorobenzene	1070		50	26
74-97-5	Bromochloromethane	969		50	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	103		72-133
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14658.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 24-Jun-2014 12:42:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0014962-005
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 17:46:20 Calib Date: 04-Jun-2014 03:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140604-14140.b\J13743.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: martineze Date: 24-Jun-2014 17:42:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	66	1.422	1.422	0.000	91	18466	20.0	18.1	
1 Dichlorodifluoromethane	85	1.451	1.452	-0.001	88	102510	20.0	16.6	
2 Chloromethane	50	1.622	1.622	0.000	89	109707	20.0	18.4	
4 Vinyl chloride	62	1.710	1.710	0.000	97	96118	20.0	18.3	
149 Butadiene	54	1.739	1.740	-0.001	98	86187	20.0	18.2	
6 Bromomethane	94	1.992	1.992	0.000	98	54846	20.0	22.5	
7 Chloroethane	64	2.080	2.080	0.000	97	53290	20.0	28.2	
9 Dichlorofluoromethane	67	2.256	2.257	-0.001	96	150254	20.0	19.9	
8 Trichlorofluoromethane	101	2.268	2.268	0.000	85	115769	20.0	20.9	
10 Pentane	72	2.309	2.310	-0.001	95	20753	40.0	51.6	
11 Ethanol	46	2.468	2.462	0.006	98	16077	1000.0	2778.3	
13 Ethyl ether	59	2.509	2.509	0.000	94	69733	20.0	20.2	
14 2-Methyl-1,3-butadiene	53	2.521	2.521	0.000	96	77011	20.0	22.2	
15 1,2-Dichloro-1,1,2-trifluo	117	2.550	2.551	0.000	86	58954	20.0	18.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.668	2.668	0.000	92	82671	20.0	21.5	
17 Acrolein	56	2.679	2.680	-0.001	30	4612	40.0	14.8	
18 1,1-Dichloroethene	96	2.709	2.709	0.000	86	81041	20.0	18.5	
19 Acetone	43	2.803	2.797	0.006	85	188461	100.0	129.2	
20 Iodomethane	142	2.856	2.856	0.000	98	121173	20.0	20.0	
34 Isopropyl alcohol	45	2.891	2.891	0.000	34	50904	200.0	300.9	
21 Carbon disulfide	76	2.891	2.891	0.000	100	294134	20.0	17.6	
147 3-Chloro-1-propene	76	3.026	3.026	0.000	88	51731	20.0	17.3	
23 Methyl acetate	43	3.044	3.038	0.006	99	504901	100.0	97.8	
22 Cyclopentene	67	3.044	3.044	0.000	77	258779	20.0	18.6	
24 Acetonitrile	41	3.091	3.091	0.000	95	148600	200.0	287.4	
* 151 TBA-d9 (IS)	65	3.149	3.150	-0.001	90	393962	1000.0	1000.0	
25 Methylene Chloride	84	3.149	3.150	-0.001	92	98102	20.0	18.5	
26 2-Methyl-2-propanol	59	3.220	3.220	0.000	97	73673	200.0	259.0	
27 Methyl tert-butyl ether	73	3.314	3.308	0.006	97	274245	20.0	17.6	
29 trans-1,2-Dichloroethene	96	3.343	3.338	0.005	90	87712	20.0	18.5	
30 Acrylonitrile	53	3.420	3.414	0.006	95	433103	200.0	187.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.496	3.491	0.005	93	95356	20.0	16.6	
35 Isopropyl ether	45	3.702	3.702	0.000	98	366234	20.0	19.3	
36 1,1-Dichloroethane	63	3.743	3.737	0.006	87	183927	20.0	18.2	
37 Vinyl acetate	43	3.755	3.755	0.000	100	379574	40.0	34.2	
38 Allyl alcohol	57	3.772	3.767	0.005	75	24873	500.0	624.4	
33 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	91	78034	20.0	17.8	
40 Tert-butyl ethyl ether	59	4.019	4.019	0.000	88	305610	20.0	17.9	
41 2,2-Dichloropropane	77	4.230	4.231	-0.001	91	133354	20.0	17.0	
42 cis-1,2-Dichloroethene	96	4.260	4.260	0.000	85	93700	20.0	18.2	
44 Ethyl acetate	43	4.277	4.278	-0.001	96	447994	40.0	36.2	
43 2-Butanone (MEK)	72	4.277	4.278	-0.001	96	56407	100.0	124.9	
39 Methyl acrylate	55	4.336	4.331	0.005	97	97699	20.0	16.4	
48 Propionitrile	54	4.413	4.407	0.006	98	148985	200.0	265.6	
45 Tetrahydrofuran	72	4.483	4.489	-0.006	30	24255	40.0	44.1	
46 Chlorobromomethane	128	4.483	4.489	-0.006	80	41843	20.0	19.4	
31 Methacrylonitrile	67	4.513	4.513	-0.001	95	442257	200.0	184.9	
47 Chloroform	83	4.542	4.536	0.006	91	166464	20.0	19.2	
49 Cyclohexane	56	4.665	4.666	-0.001	97	142932	20.0	17.5	
50 1,1,1-Trichloroethane	97	4.677	4.677	0.000	92	131856	20.0	18.4	
$ 152 Dibromofluoromethane (Surr	113	4.701	4.695	0.006	94	237259	50.0	51.0	
51 Carbon tetrachloride	117	4.800	4.795	0.005	80	91977	20.0	17.5	
52 1,1-Dichloropropene	75	4.836	4.830	0.006	92	122677	20.0	18.6	
56 Isobutyl alcohol	43	4.953	4.954	-0.001	76	75562	500.0	446.3	
155 Isooctane	57	4.994	4.995	-0.001	99	209721	20.0	19.2	
53 Benzene	78	5.030	5.030	0.000	96	372049	20.0	19.4	
$ 54 1,2-Dichloroethane-d4 (Sur	65	5.053	5.048	0.005	88	342428	50.0	48.9	
57 Isopropyl acetate	43	5.088	5.083	0.005	95	306530	20.0	18.0	
142 Tert-amyl methyl ether	73	5.088	5.089	-0.001	74	261330	20.0	17.3	
55 1,2-Dichloroethane	62	5.124	5.124	0.000	91	140555	20.0	19.0	
58 n-Heptane	57	5.182	5.183	-0.001	96	41787	20.0	16.9	
* 59 Fluorobenzene	96	5.323	5.318	0.005	97	959739	50.0	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.529	5.529	0.000	93	296884	40.0	33.0	
62 n-Butanol	56	5.623	5.617	0.006	95	37831	500.0	473.1	
61 Trichloroethene	95	5.676	5.676	0.000	90	90746	20.0	18.6	
64 Ethyl acrylate	55	5.793	5.794	-0.001	96	211014	20.0	16.1	
63 Methylcyclohexane	83	5.793	5.794	-0.001	70	92840	20.0	16.4	
65 1,2-Dichloropropane	63	5.964	5.964	0.000	87	100761	20.0	17.6	
* 150 1,4-Dioxane-d8	96	6.023	6.023	-0.001	48	46656	1000.0	1000.0	
66 Methyl methacrylate	100	6.040	6.041	-0.001	90	45153	40.0	33.4	
67 1,4-Dioxane	88	6.075	6.076	-0.001	71	19968	400.0	729.3	
69 n-Propyl acetate	43	6.093	6.093	0.000	99	165942	20.0	16.7	
68 Dibromomethane	93	6.093	6.099	-0.006	47	58970	20.0	18.7	
70 Dichlorobromomethane	83	6.246	6.246	0.000	96	111875	20.0	18.0	
72 2-Chloroethyl vinyl ether	63	6.587	6.581	0.006	87	63822	20.0	16.2	
71 2-Nitropropane	41	6.587	6.581	0.006	69	23775	40.0	22.3	
73 Epichlorohydrin	57	6.692	6.693	-0.001	98	190481	400.0	333.2	
74 cis-1,3-Dichloropropene	75	6.745	6.746	-0.001	91	141495	20.0	17.3	
75 4-Methyl-2-pentanone (MIBK	43	6.910	6.910	0.000	98	532334	100.0	95.4	
$ 76 Toluene-d8 (Surr)	98	6.992	6.992	0.000	98	870041	50.0	48.7	
77 Toluene	91	7.068	7.069	-0.001	93	344278	20.0	19.1	
78 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	94	118541	20.0	16.8	
82 Ethyl methacrylate	69	7.444	7.445	-0.001	93	108180	20.0	15.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
79 1,1,2-Trichloroethane	83	7.638	7.639	-0.001	91	68176	20.0	18.2	
80 Tetrachloroethene	166	7.679	7.680	-0.001	88	66543	20.0	20.6	
81 1,3-Dichloropropane	76	7.850	7.844	0.006	94	140677	20.0	18.5	
83 2-Hexanone	58	7.909	7.903	0.006	99	179853	100.0	122.2	
85 n-Butyl acetate	43	8.020	8.021	-0.001	98	137523	20.0	16.1	
84 Chlorodibromomethane	129	8.079	8.079	0.000	96	66060	20.0	19.9	
86 Ethylene Dibromide	107	8.238	8.238	0.000	98	78576	20.0	18.9	
* 87 Chlorobenzene-d5	117	8.784	8.784	0.000	89	649383	50.0	50.0	
88 Chlorobenzene	112	8.819	8.820	-0.001	91	201614	20.0	18.7	
89 Ethylbenzene	106	8.919	8.920	-0.001	100	102699	20.0	17.6	
90 1,1,1,2-Tetrachloroethane	131	8.937	8.937	0.000	81	62046	20.0	18.7	
91 m-Xylene & p-Xylene	106	9.078	9.078	0.000	99	124541	20.0	17.4	
93 n-Butyl acrylate	73	9.518	9.513	0.005	92	53648	20.0	13.6	
92 o-Xylene	106	9.530	9.531	-0.001	93	128212	20.0	18.3	
94 Styrene	104	9.560	9.560	0.000	90	220192	20.0	17.6	
96 Amyl acetate (mixed isomer	43	9.742	9.742	0.000	88	148154	20.0	16.4	
97 Bromoform	173	9.765	9.766	-0.001	93	35989	20.0	19.3	
98 Isopropylbenzene	105	9.877	9.877	0.000	97	279145	20.0	17.9	
$ 99 4-Bromofluorobenzene	174	10.059	10.059	0.000	82	214681	50.0	51.7	
95 Camphene	41	10.071	10.071	0.000	89	21863	20.0	18.1	
100 Bromobenzene	156	10.176	10.177	-0.001	92	76797	20.0	20.1	
101 1,1,2,2-Tetrachloroethane	83	10.218	10.218	0.000	87	98989	20.0	18.5	
102 N-Propylbenzene	91	10.235	10.236	-0.001	92	345536	20.0	18.9	
103 1,2,3-Trichloropropane	110	10.259	10.259	0.000	96	28976	20.0	19.6	
104 trans-1,4-Dichloro-2-buten	53	10.270	10.271	-0.001	61	32615	20.0	17.3	
105 2-Chlorotoluene	91	10.329	10.330	-0.001	94	259802	20.0	18.7	
143 4-Ethyltoluene	105	10.329	10.330	-0.001	93	287212	20.0	18.7	
106 1,3,5-Trimethylbenzene	105	10.388	10.388	0.000	91	235594	20.0	18.5	
107 4-Chlorotoluene	91	10.423	10.424	-0.001	99	242966	20.0	18.3	
108 Butyl Methacrylate	87	10.464	10.465	-0.001	97	87712	20.0	15.3	
109 tert-Butylbenzene	119	10.623	10.623	0.000	90	169128	20.0	18.3	
110 1,2,4-Trimethylbenzene	105	10.670	10.670	0.000	98	252084	20.0	18.4	
113 sec-Butylbenzene	105	10.782	10.782	0.000	98	247167	20.0	18.4	
114 4-Isopropyltoluene	119	10.882	10.882	0.000	95	209471	20.0	17.9	
115 1,3-Dichlorobenzene	146	10.887	10.888	-0.001	93	135476	20.0	19.3	
* 116 1,4-Dichlorobenzene-d4	152	10.940	10.941	-0.001	91	306598	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.958	10.958	0.000	90	143297	20.0	19.6	
118 Benzyl chloride	91	11.058	11.058	0.000	98	140146	20.0	13.2	
119 2,3-Dihydroindene	117	11.105	11.105	0.000	89	256299	20.0	18.9	
133 p-Diethylbenzene	119	11.140	11.140	0.000	85	128036	20.0	18.0	
120 n-Butylbenzene	91	11.158	11.158	0.000	94	264525	20.0	18.8	
121 1,2-Dichlorobenzene	146	11.205	11.205	0.000	92	141624	20.0	20.1	
132 1,2,4,5-Tetramethylbenzene	119	11.622	11.628	-0.006	95	224685	20.0	18.5	
122 1,2-Dibromo-3-Chloropropan	75	11.698	11.704	-0.006	90	18469	20.0	16.8	
145 1,3,5-Trichlorobenzene	180	11.780	11.787	-0.007	95	89764	20.0	21.8	
123 Camphor	95	12.121	12.128	-0.007	93	51444	100.0	91.3	
124 1,2,4-Trichlorobenzene	180	12.180	12.186	-0.006	93	88129	20.0	21.0	
126 Hexachlorobutadiene	225	12.239	12.251	-0.012	88	34828	20.0	25.6	
127 Naphthalene	128	12.350	12.357	-0.007	98	285075	20.0	18.9	
128 1,2,3-Trichlorobenzene	180	12.509	12.521	-0.012	93	84920	20.0	21.3	
S 131 Xylenes, Total	100				0		40.0	35.6	

Report Date: 24-Jun-2014 17:48:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140624-14962.b\J14658.D

Injection Date: 24-Jun-2014 12:42:30 Instrument ID: CVOAMS8 Operator ID:

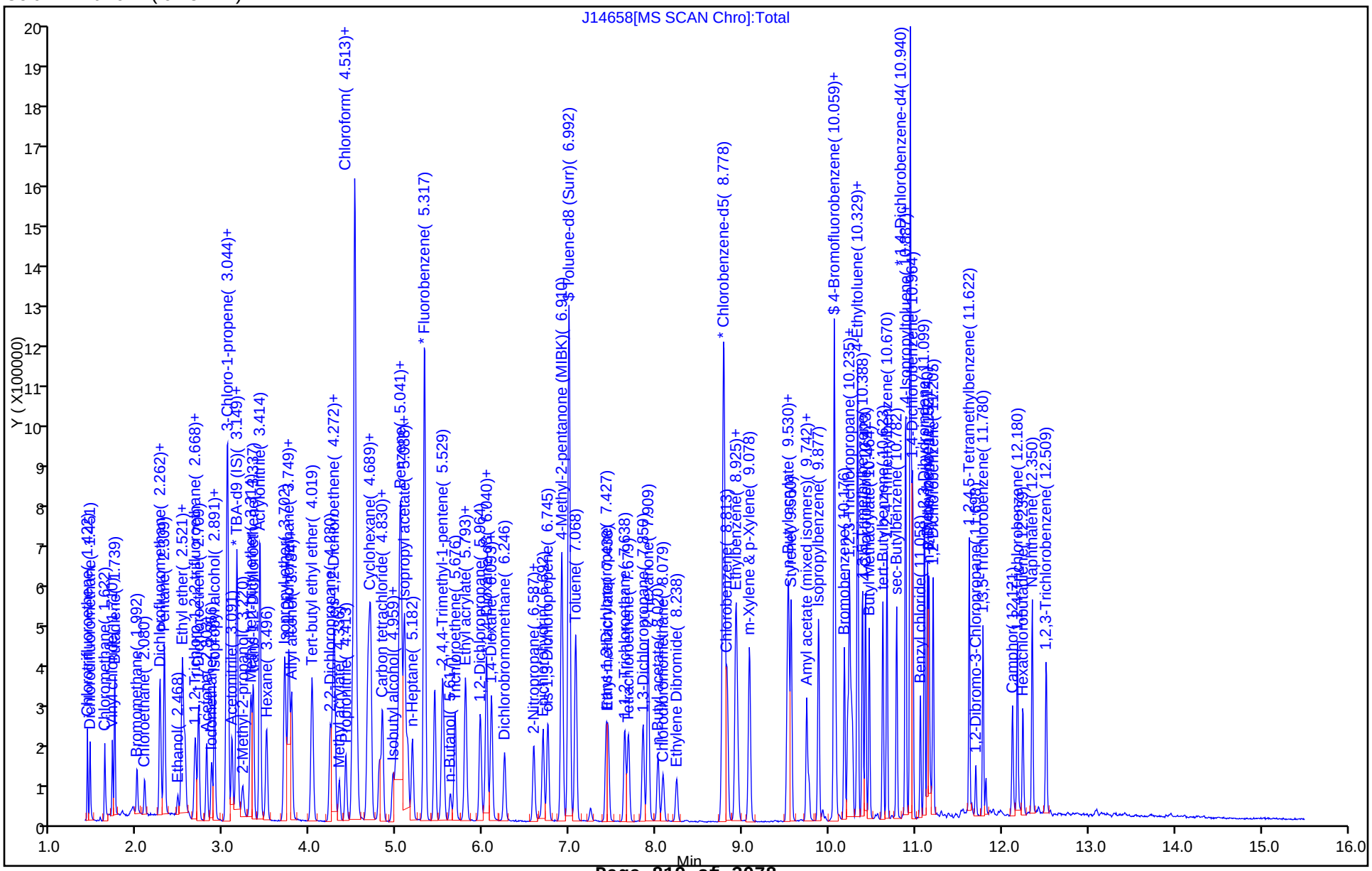
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77918-C-6 MS

Matrix: Water | Lab File ID: A05253.D

Analysis Method: 8260C | Date Collected: 06/17/2014 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 13:49

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	197		10	1.0
74-83-9	Bromomethane	198		10	1.8
75-01-4	Vinyl chloride	197		10	1.4
75-00-3	Chloroethane	188		10	1.7
75-09-2	Methylene Chloride	192		10	1.8
75-69-4	Trichlorofluoromethane	198		10	1.5
67-64-1	Acetone	836		50	27
75-15-0	Carbon disulfide	166		10	1.3
75-35-4	1,1-Dichloroethene	189		10	0.90
75-34-3	1,1-Dichloroethane	198		10	1.3
156-59-2	cis-1,2-Dichloroethene	196		10	1.8
156-60-5	trans-1,2-Dichloroethene	198		10	1.3
67-66-3	Chloroform	195		10	0.80
107-06-2	1,2-Dichloroethane	194		10	1.9
78-93-3	2-Butanone	985		50	23
71-55-6	1,1,1-Trichloroethane	194		10	0.60
56-23-5	Carbon tetrachloride	195		10	0.60
110-82-7	Cyclohexane	211		10	1.6
1634-04-4	MTBE	183		10	1.4
76-13-1	Freon TF	206		10	0.80
71-43-2	Benzene	202		10	0.80
79-20-9	Methyl acetate	948		50	3.4
75-25-2	Bromoform	137		10	1.9
79-01-6	Trichloroethene	198		10	0.90
98-82-8	Isopropylbenzene	217		10	0.80
10061-02-6	trans-1,3-Dichloropropene	205		10	2.4
591-78-6	2-Hexanone	990		50	5.0
108-10-1	4-Methyl-2-pentanone	1060		50	9.9
10061-01-5	cis-1,3-Dichloropropene	200		10	1.8
108-88-3	Toluene	202		10	1.5
108-90-7	Chlorobenzene	209		10	1.1
100-41-4	Ethylbenzene	199		10	1.0
78-87-5	1,2-Dichloropropane	202		10	0.90
108-87-2	Methylcyclohexane	222		10	1.4
1330-20-7	Xylenes, Total	407		20	1.3
100-42-5	Styrene	191		10	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-77918-C-6 MS

Matrix: Water Lab File ID: A05253.D

Analysis Method: 8260C Date Collected: 06/17/2014 15:45

Sample wt/vol: 5(mL) Date Analyzed: 06/23/2014 13:49

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232261 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	211		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	219		10	1.6
541-73-1	1,3-Dichlorobenzene	209		10	1.4
79-00-5	1,1,2-Trichloroethane	205		10	1.9
106-46-7	1,4-Dichlorobenzene	205		10	2.3
95-50-1	1,2-Dichlorobenzene	204		10	2.1
124-48-1	Dibromochloromethane	162		10	2.0
120-82-1	1,2,4-Trichlorobenzene	202		10	3.4
75-71-8	Dichlorodifluoromethane	195		10	2.2
75-27-4	Bromodichloromethane	177		10	1.2
87-61-6	1,2,3-Trichlorobenzene	206		10	5.1
74-97-5	Bromochloromethane	199		10	2.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05253.D
Lims ID: 460-77918-C-6 MS
Client ID:
Sample Type: MS
Inject. Date: 23-Jun-2014 13:49:30 ALS Bottle#: 6 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-77918-C-6 MS
Misc. Info.: 460-0014903-017
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:28:43 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 10:28:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Propene	41	1.639	1.639	0.000	36	4971		NC	
2 Chlorotrifluoroethene	66	1.651	1.651	0.000	78	20938	20.0	18.7	
3 Dichlorodifluoromethane	85	1.688	1.676	0.012	87	122029	20.0	19.5	
4 Chloromethane	50	1.859	1.853	0.005	89	149377	20.0	19.7	
6 Vinyl chloride	62	1.980	1.968	0.012	83	128945	20.0	19.7	
5 Butadiene	54	1.987	1.974	0.013	89	131142	20.0	21.2	
9 Bromomethane	94	2.304	2.298	0.006	98	63928	20.0	19.8	
10 Chloroethane	64	2.389	2.383	0.006	99	69110	20.0	18.8	
12 Dichlorofluoromethane	67	2.608	2.602	0.006	89	168753	20.0	18.9	
13 Trichlorofluoromethane	101	2.627	2.615	0.012	36	116519	20.0	19.8	
11 Pentane	72	2.639	2.621	0.018	96	32053	40.0	40.6	
14 Ethyl ether	59	2.852	2.846	0.006	90	71431	20.0	18.5	
16 Ethanol	46	2.864	2.852	0.012	77	19958	1000.0	1886.7	
15 2-Methyl-1,3-butadiene	67	2.871	2.865	0.005	97	128635	20.0	18.6	
8 1,2-Dichloro-1,1,2-trifluo	117	2.925	2.919	0.006	87	55247	20.0	20.1	
7 2-Chloropropane	63	3.181	2.926	0.255	59	322		NC	
17 Acrolein	56	3.053	3.041	0.012	37	9683	40.0	22.0	
19 1,1,2-Trichloro-1,2,2-trif	101	3.072	3.054	0.018	90	68412	20.0	20.6	
20 1,1-Dichloroethene	96	3.072	3.072	0.000	86	64471	20.0	18.9	
21 Acetone	43	3.181	3.175	0.006	85	153760	100.0	83.6	
22 Iodomethane	142	3.236	3.230	0.006	100	100830	20.0	22.1	
23 Carbon disulfide	76	3.267	3.261	0.006	100	220421	20.0	16.6	
138 Isopropyl alcohol	45	3.285	3.279	0.006	68	39623	200.0	268.7	
141 3-Chloro-1-propene	76	3.413	3.401	0.012	12	39454	20.0	16.8	
25 Cyclopentene	67	3.425	3.419	0.006	74	225843	20.0	20.1	
24 Methyl acetate	43	3.431	3.425	0.006	97	389032	100.0	94.8	
26 Acetonitrile	41	3.492	3.492	0.000	95	131505	200.0	254.9	
27 Methylene Chloride	84	3.541	3.535	0.006	92	77942	20.0	19.2	
* 28 TBA-d9 (IS)	65	3.559	3.566	-0.007	80	283461	1000.0	1000.0	
18 1-Chloropropane	63	3.419	3.614	-0.195	23	6671		NC	
29 2-Methyl-2-propanol	59	3.626	3.620	0.006	53	70703	200.0	281.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methyl tert-butyl ether	73	3.712	3.700	0.012	97	208424	20.0	18.3	
31 trans-1,2-Dichloroethene	96	3.724	3.718	0.006	90	70157	20.0	19.8	
32 Acrylonitrile	53	3.803	3.803	0.000	92	319094	200.0	182.1	
33 Hexane	43	3.870	3.870	0.000	92	90523	20.0	21.6	
34 Isopropyl ether	45	4.084	4.078	0.006	93	291027	20.0	19.5	
35 1,1-Dichloroethane	63	4.102	4.096	0.006	90	144558	20.0	19.8	
36 Vinyl acetate	43	4.120	4.114	0.006	100	503737	40.0	55.7	
37 2-Chloro-1,3-butadiene	88	4.145	4.139	0.006	81	58644	20.0	19.0	
39 Tert-butyl ethyl ether	59	4.358	4.358	0.000	88	228905	20.0	18.1	
40 2,2-Dichloropropane	77	4.547	4.541	0.006	83	99660	20.0	18.4	
41 cis-1,2-Dichloroethene	96	4.565	4.559	0.006	87	73136	20.0	19.6	
42 Ethyl acetate	70	4.577	4.578	-0.001	93	12473	40.0	35.3	
38 Allyl alcohol	57	4.590	4.584	0.006	15	14898	500.0	439.2	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	95	39537	100.0	98.5	
44 Methyl acrylate	55	4.626	4.626	0.000	94	65779	20.0	18.8	
45 Propionitrile	54	4.699	4.700	-0.001	98	113172	200.0	198.5	
47 Chlorobromomethane	128	4.754	4.748	0.006	87	31358	20.0	19.9	
46 Tetrahydrofuran	42	4.760	4.760	0.000	39	68165	40.0	41.5	
48 Methacrylonitrile	67	4.785	4.779	0.006	97	299370	200.0	187.1	
49 Chloroform	83	4.791	4.791	0.000	77	119211	20.0	19.5	
50 Cyclohexane	56	4.907	4.907	0.000	96	152679	20.0	21.1	
51 1,1,1-Trichloroethane	97	4.919	4.919	0.000	67	95809	20.0	19.4	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	88	134755	50.0	50.8	
53 Carbon tetrachloride	117	5.016	5.010	0.006	87	75028	20.0	19.5	
54 1,1-Dichloropropene	75	5.035	5.035	0.000	91	97883	20.0	21.3	
57 Isobutyl alcohol	43	5.157	5.157	0.000	43	145160	500.0	1349.1	
155 Isooctane	57	5.163	5.163	0.000	99	305948	20.0	22.9	
55 Benzene	78	5.199	5.193	0.006	93	286227	20.0	20.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.205	5.206	-0.001	94	191537	50.0	48.1	
58 Isopropyl acetate	43	5.230	5.230	0.000	90	264395	20.0	19.6	
59 Tert-amyl methyl ether	73	5.242	5.236	0.006	70	212934	20.0	18.1	
60 1,2-Dichloroethane	62	5.266	5.266	0.000	88	99546	20.0	19.4	
61 n-Heptane	57	5.303	5.297	0.006	96	70527	20.0	25.5	
* 62 Fluorobenzene	96	5.419	5.413	0.006	97	486272	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.577	5.571	0.006	93	450753	40.0	36.8	
140 n-Butanol	56	5.626	5.626	0.000	65	38732	500.0	517.8	
64 Trichloroethene	95	5.693	5.687	0.006	90	64499	20.0	19.8	
65 Ethyl acrylate	55	5.785	5.779	0.006	94	204738	20.0	21.1	
66 Methylcyclohexane	83	5.797	5.797	0.000	92	127287	20.0	22.2	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	88	78197	20.0	20.2	
* 69 1,4-Dioxane-d8	96	5.974	5.974	0.000	84	23633	1000.0	1000.0	
68 Methyl methacrylate	100	5.980	5.974	0.006	94	28936	40.0	37.0	
70 n-Propyl acetate	43	6.016	6.016	0.000	99	113665	20.0	20.8	
71 1,4-Dioxane	88	6.028	6.022	0.006	13	10766	400.0	500.2	M
72 Dibromomethane	93	6.041	6.041	0.000	92	38098	20.0	19.2	
73 Dichlorobromomethane	83	6.163	6.157	0.006	95	74816	20.0	17.7	
74 2-Chloroethyl vinyl ether	63	6.437	6.443	-0.006	79	13419	20.0	7.14	
75 2-Nitropropane	41	6.461	6.455	0.006	97	33629	40.0	38.1	
76 Epichlorohydrin	57	6.541	6.541	0.000	98	125319	400.0	396.1	
77 cis-1,3-Dichloropropene	75	6.589	6.583	0.006	92	99990	20.0	20.0	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.711	0.000	99	430734	100.0	106.2	
$ 79 Toluene-d8 (Surr)	98	6.784	6.778	0.006	97	546731	50.0	53.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 Toluene	91	6.839	6.839	0.000	93	265519	20.0	20.2	
81 trans-1,3-Dichloropropene	75	7.071	7.065	0.006	94	85380	20.0	20.5	
82 Ethyl methacrylate	69	7.077	7.077	0.000	92	79085	20.0	17.8	
83 1,1,2-Trichloroethane	83	7.211	7.211	0.000	91	46915	20.0	20.5	
84 Tetrachloroethene	166	7.248	7.248	0.000	82	52836	20.0	21.1	
85 1,3-Dichloropropane	76	7.351	7.345	0.006	97	94273	20.0	19.9	
86 2-Hexanone	43	7.376	7.370	0.006	99	252306	100.0	99.0	
87 n-Butyl acetate	73	7.431	7.431	0.000	98	14687	20.0	18.3	
88 Chlorodibromomethane	129	7.492	7.492	0.000	95	39615	20.0	16.2	
89 Ethylene Dibromide	107	7.589	7.589	0.000	99	47030	20.0	20.1	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	78	302500	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	83	158935	20.0	20.9	
92 Ethylbenzene	106	7.949	7.943	0.006	100	86704	20.0	19.9	
93 1,1,1,2-Tetrachloroethane	131	7.955	7.955	0.000	84	53348	20.0	20.0	
94 m-Xylene & p-Xylene	106	8.022	8.022	0.000	0	108448	20.0	20.4	
95 n-Butyl acrylate	73	8.241	8.242	-0.001	94	42240	20.0	17.5	
96 o-Xylene	106	8.284	8.284	0.000	89	110865	20.0	20.3	
97 Styrene	104	8.296	8.296	0.000	92	172143	20.0	19.1	
98 Amyl acetate (mixed isomer	43	8.382	8.376	0.006	88	153097	20.0	20.6	
99 Bromoform	173	8.443	8.437	0.006	93	20342	20.0	13.7	
100 Isopropylbenzene	105	8.497	8.498	-0.001	97	298120	20.0	21.7	
$ 101 4-Bromofluorobenzene	174	8.632	8.626	0.006	84	132472	50.0	52.4	
102 Camphene	41	8.644	8.638	0.006	97	33542	20.0	21.7	
103 1,1,2,2-Tetrachloroethane	83	8.723	8.717	0.006	76	82632	20.0	21.9	
104 Bromobenzene	156	8.723	8.717	0.006	91	60437	20.0	20.1	
105 N-Propylbenzene	91	8.747	8.741	0.006	93	387946	20.0	22.3	
139 trans-1,4-Dichloro-2-buten	53	8.760	8.754	0.006	61	24221	20.0	19.1	
106 1,2,3-Trichloropropane	110	8.760	8.754	0.006	87	20822	20.0	20.7	
107 4-Ethyltoluene	105	8.814	8.802	0.012	91	313578	20.0	22.0	
108 2-Chlorotoluene	91	8.821	8.815	0.006	93	265753	20.0	20.6	
109 1,3,5-Trimethylbenzene	105	8.851	8.839	0.012	81	256596	20.0	21.3	
110 Butyl Methacrylate	87	8.882	8.876	0.006	94	83590	20.0	17.9	
111 4-Chlorotoluene	91	8.888	8.882	0.006	99	222587	20.0	20.4	
112 tert-Butylbenzene	119	9.034	9.028	0.006	88	195880	20.0	20.8	
113 1,2,4-Trimethylbenzene	105	9.064	9.058	0.006	97	260894	20.0	21.1	
114 sec-Butylbenzene	105	9.156	9.150	0.006	98	331645	20.0	22.6	
115 4-Isopropyltoluene	119	9.235	9.229	0.006	88	266287	20.0	21.3	
116 1,3-Dichlorobenzene	146	9.259	9.247	0.012	93	129648	20.0	20.9	
* 117 1,4-Dichlorobenzene-d4	152	9.302	9.290	0.012	97	158775	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.314	9.308	0.006	89	132376	20.0	20.5	
119 Benzyl chloride	91	9.400	9.394	0.006	97	136530	20.0	20.5	
120 2,3-Dihydroindene	117	9.448	9.443	0.006	89	285226	20.0	20.0	
121 p-Diethylbenzene	119	9.461	9.455	0.006	88	186497	20.0	21.8	
122 n-Butylbenzene	92	9.479	9.473	0.006	98	174855	20.0	22.2	
123 1,2-Dichlorobenzene	146	9.546	9.540	0.006	92	128690	20.0	20.4	
132 2-Octanol	45	9.961	9.894	0.067	25	80		NC	
124 1,2,4,5-Tetramethylbenzene	119	9.973	9.961	0.012	97	230818	20.0	19.3	
125 1,2-Dibromo-3-Chloropropan	75	10.070	10.058	0.012	82	13629	20.0	20.4	
126 1,3,5-Trichlorobenzene	180	10.174	10.162	0.012	96	94532	20.0	19.9	
127 Camphor	95	10.601	10.595	0.006	94	24447	100.0	81.8	
128 1,2,4-Trichlorobenzene	180	10.668	10.662	0.006	92	77201	20.0	20.2	
129 Hexachlorobutadiene	225	10.747	10.735	0.012	87	37313	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 Naphthalene	128	10.906	10.893	0.013	98	200553	20.0	23.4	
131 2-Octanone	43	10.863	11.015	-0.152	1	358		NC	
133 1,2,3-Trichlorobenzene	180	11.125	11.113	0.012	93	61592	20.0	20.6	
134 Methylnaphthalene (total)	142	12.332	12.332	0.000	0	2690		NC	
S 136 1,2-Dichloroethene, Total	100				0			39.4	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 147 Total BTEX	1				0			101.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

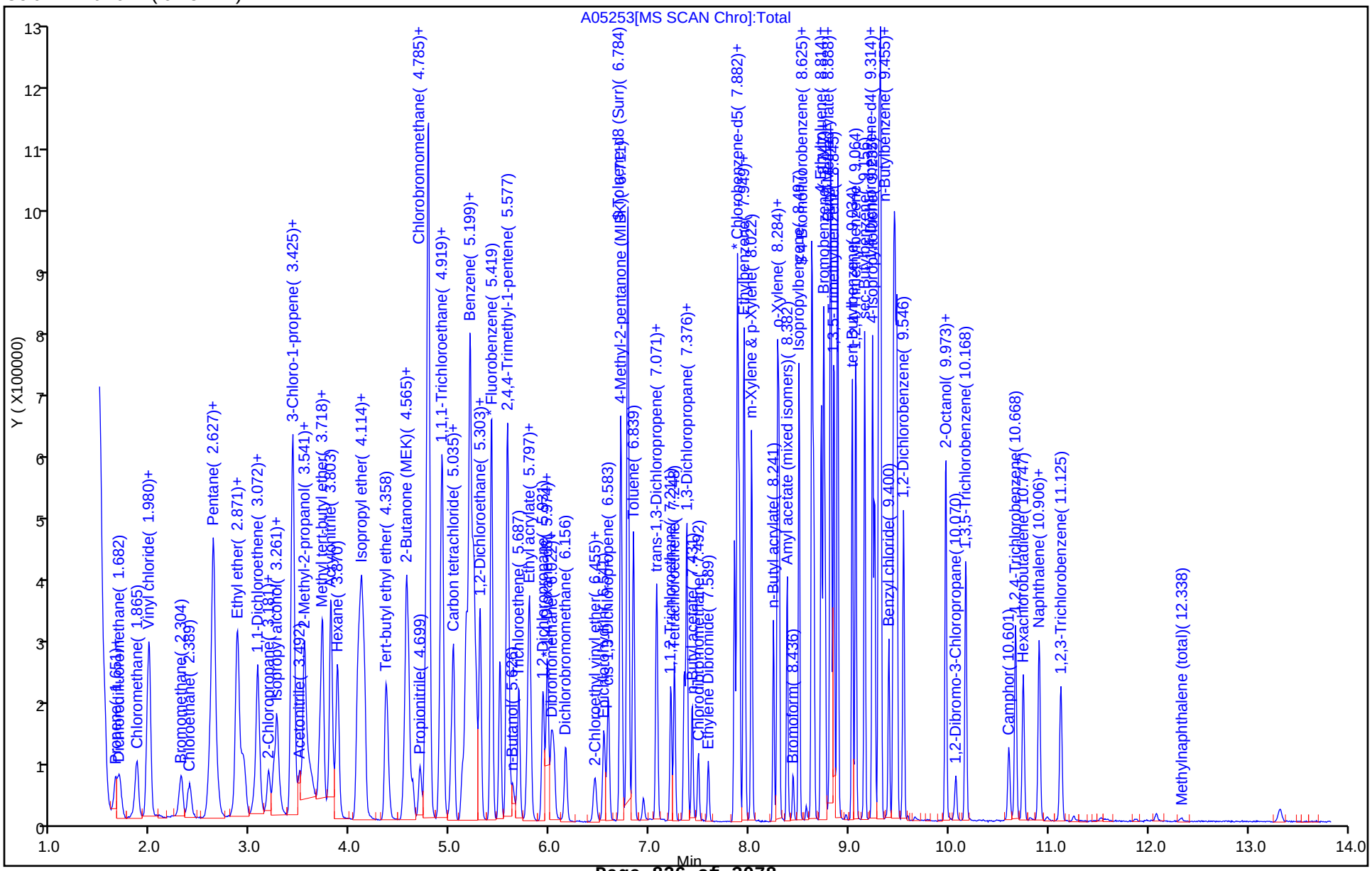
Report Date: 24-Jun-2014 10:28:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05253.D

Injection Date:	23-Jun-2014 13:49:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-77918-C-6 MS			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77788-B-1 MS

Matrix: Water | Lab File ID: B69915.D

Analysis Method: 8260C | Date Collected: 06/12/2014 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2014 12:00

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232427 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	176		10	1.0
74-83-9	Bromomethane	207		10	1.8
75-01-4	Vinyl chloride	184		10	1.4
75-00-3	Chloroethane	176		10	1.7
75-09-2	Methylene Chloride	185		10	1.8
75-69-4	Trichlorofluoromethane	175		10	1.5
67-64-1	Acetone	837		50	27
75-15-0	Carbon disulfide	153		10	1.3
75-35-4	1,1-Dichloroethene	175		10	0.90
75-34-3	1,1-Dichloroethane	182		10	1.3
156-59-2	cis-1,2-Dichloroethene	197		10	1.8
156-60-5	trans-1,2-Dichloroethene	188		10	1.3
67-66-3	Chloroform	182		10	0.80
107-06-2	1,2-Dichloroethane	183		10	1.9
78-93-3	2-Butanone	964		50	23
71-55-6	1,1,1-Trichloroethane	171		10	0.60
56-23-5	Carbon tetrachloride	167		10	0.60
110-82-7	Cyclohexane	179		10	1.6
1634-04-4	MTBE	200		10	1.4
76-13-1	Freon TF	170		10	0.80
71-43-2	Benzene	191		10	0.80
79-20-9	Methyl acetate	928		50	3.4
75-25-2	Bromoform	180		10	1.9
79-01-6	Trichloroethene	187		10	0.90
98-82-8	Isopropylbenzene	204		10	0.80
10061-02-6	trans-1,3-Dichloropropene	181		10	2.4
591-78-6	2-Hexanone	1010		50	5.0
108-10-1	4-Methyl-2-pentanone	1010		50	9.9
10061-01-5	cis-1,3-Dichloropropene	182		10	1.8
108-88-3	Toluene	193		10	1.5
108-90-7	Chlorobenzene	190		10	1.1
100-41-4	Ethylbenzene	195		10	1.0
78-87-5	1,2-Dichloropropane	178		10	0.90
108-87-2	Methylcyclohexane	185		10	1.4
1330-20-7	Xylenes, Total	400		20	1.3
100-42-5	Styrene	201		10	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-77788-B-1 MS

Matrix: Water Lab File ID: B69915.D

Analysis Method: 8260C Date Collected: 06/12/2014 11:40

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 12:00

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	196		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	213		10	1.6
541-73-1	1,3-Dichlorobenzene	197		10	1.4
79-00-5	1,1,2-Trichloroethane	207		10	1.9
106-46-7	1,4-Dichlorobenzene	190		10	2.3
95-50-1	1,2-Dichlorobenzene	198		10	2.1
124-48-1	Dibromochloromethane	190		10	2.0
120-82-1	1,2,4-Trichlorobenzene	181		10	3.4
75-71-8	Dichlorodifluoromethane	167		10	2.2
75-27-4	Bromodichloromethane	170		10	1.2
87-61-6	1,2,3-Trichlorobenzene	173		10	5.1
74-97-5	Bromochloromethane	205		10	2.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	99		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137

Report Date: 24-Jun-2014 12:45:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69915.D
Lims ID: 460-77788-B-1 MS
Client ID:
Sample Type: MS
Inject. Date: 24-Jun-2014 12:00:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-77788-B-1 MS
Misc. Info.: 460-0014950-016
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:42:19 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:45:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.110	1.102	0.008	58	18874	20.0	12.3	
2 Dichlorodifluoromethane	85	1.134	1.110	0.024	88	186098	20.0	16.7	
6 Propene	41	1.250	1.225	0.025	20	574		NC	
3 Chloromethane	50	1.250	1.233	0.017	88	97048	20.0	17.6	
4 Vinyl chloride	62	1.332	1.316	0.016	83	122197	20.0	18.4	
5 Butadiene	54	1.340	1.324	0.016	89	89950	20.0	18.5	
7 Bromomethane	94	1.579	1.554	0.025	99	120649	20.0	20.7	
8 Chloroethane	64	1.645	1.628	0.017	96	70055	20.0	17.6	
9 Trichlorofluoromethane	101	1.817	1.801	0.016	62	199367	20.0	17.5	
10 Dichlorofluoromethane	67	1.817	1.809	0.008	89	229335	20.0	19.2	
19 Pentane	72	1.842	1.818	0.024	92	23820	40.0	29.1	
15 Acrolein	56	1.842	1.826	0.016	29	7977	40.0	33.1	
139 Ethanol	46	2.023	2.015	0.008	73	7362	1000.0	828.4	
11 Ethyl ether	59	2.040	2.023	0.017	91	61083	20.0	17.4	
13 2-Methyl-1,3-butadiene	53	2.048	2.023	0.025	94	62011	20.0	15.0	
12 2-Chloropropane	63	2.040	2.040	0.000	43	4956		NC	
14 1,2-Dichloro-1,1,2-trifluo	117	2.097	2.081	0.016	84	89746	20.0	16.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.213	2.196	0.016	56	100065	20.0	17.0	
17 1,1-Dichloroethene	96	2.213	2.196	0.016	91	86144	20.0	17.5	
18 Acetone	43	2.328	2.311	0.017	84	79533	100.0	83.7	
20 Iodomethane	142	2.352	2.336	0.016	97	202392	20.0	18.3	
21 Carbon disulfide	76	2.369	2.353	0.016	98	216053	20.0	15.3	
135 Isopropyl alcohol	45	2.443	2.443	0.000	82	26496	200.0	193.8	
141 3-Chloro-1-propene	76	2.533	2.525	0.008	17	34690	20.0	14.5	
22 Cyclopentene	67	2.542	2.525	0.017	86	190047	20.0	18.2	
23 Methyl acetate	43	2.566	2.558	0.008	96	185196	100.0	92.8	
24 Acetonitrile	41	2.624	2.608	0.016	94	55637	200.0	189.2	
25 Methylene Chloride	84	2.665	2.649	0.016	73	94325	20.0	18.5	
* 26 TBA-d9 (IS)	65	2.715	2.706	0.009	40	303058	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.789	2.781	0.008	90	67986	200.0	179.9	
28 Methyl tert-butyl ether	73	2.846	2.838	0.008	94	243197	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 trans-1,2-Dichloroethene	96	2.854	2.838	0.016	83	97092	20.0	18.8	
31 Acrylonitrile	53	2.945	2.937	0.008	90	185291	200.0	207.1	
32 Hexane	43	3.019	3.003	0.016	87	35324	20.0	16.1	
34 1,1-Dichloroethane	63	3.274	3.266	0.008	93	151083	20.0	18.2	
33 Isopropyl ether	45	3.274	3.266	0.008	87	170699	20.0	18.4	
36 2-Chloro-1,3-butadiene	88	3.315	3.307	0.008	70	77654	20.0	19.6	
35 Vinyl acetate	43	3.315	3.307	0.008	99	306780	40.0	46.5	
136 Allyl alcohol	57	3.365	3.365	0.000	71	16465	500.0	602.8	
37 Tert-butyl ethyl ether	59	3.620	3.612	0.008	92	210574	20.0	19.0	
38 2,2-Dichloropropane	77	3.809	3.801	0.008	92	140057	20.0	16.3	
39 cis-1,2-Dichloroethene	96	3.842	3.834	0.008	91	101264	20.0	19.7	
40 2-Butanone (MEK)	72	3.883	3.883	0.000	95	34238	100.0	96.4	
41 Ethyl acetate	70	3.908	3.900	0.008	93	11068	40.0	35.3	
42 Methyl acrylate	55	3.949	3.949	0.000	88	43560	20.0	20.5	
43 Propionitrile	54	4.031	4.023	0.008	95	72269	200.0	193.4	
45 Chlorobromomethane	128	4.089	4.073	0.016	64	57016	20.0	20.5	
44 Tetrahydrofuran	72	4.089	4.081	0.008	45	14281	40.0	39.9	
46 Methacrylonitrile	67	4.138	4.130	0.008	84	262531	200.0	217.5	
47 Chloroform	83	4.163	4.155	0.008	87	193825	20.0	18.2	
48 Cyclohexane	56	4.270	4.262	0.008	83	102034	20.0	17.9	
49 1,1,1-Trichloroethane	97	4.303	4.295	0.008	90	175555	20.0	17.1	
$ 57 Dibromofluoromethane (Surr	113	4.344	4.336	0.008	96	276479	50.0	48.3	
50 Carbon tetrachloride	117	4.426	4.418	0.008	89	155422	20.0	16.7	
51 1,1-Dichloropropene	75	4.476	4.468	0.008	92	124018	20.0	19.8	
52 Benzene	78	4.698	4.690	0.008	97	311469	20.0	19.1	
138 Isobutyl alcohol	43	4.723	4.715	0.008	55	55360	500.0	429.7	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.731	4.723	0.008	93	331853	50.0	46.7	
140 Tert-amyl methyl ether	73	4.813	4.813	0.000	74	249272	20.0	20.1	
54 1,2-Dichloroethane	62	4.813	4.813	0.000	90	154770	20.0	18.3	
55 Isopropyl acetate	43	4.846	4.846	0.000	94	149338	20.0	18.1	
56 n-Heptane	57	4.920	4.912	0.008	78	28312	20.0	18.2	
* 58 Fluorobenzene	96	5.052	5.044	0.008	98	820507	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.315	5.315	0.000	90	209229	40.0	34.7	
60 Trichloroethene	95	5.463	5.455	0.008	93	103323	20.0	18.7	
61 n-Butanol	56	5.513	5.505	0.008	88	22902	500.0	438.9	
62 Methylcyclohexane	83	5.595	5.587	0.008	91	107129	20.0	18.5	
63 Ethyl acrylate	55	5.685	5.677	0.008	97	67917	20.0	19.5	
64 1,2-Dichloropropane	63	5.809	5.801	0.008	82	71893	20.0	17.8	
* 65 1,4-Dioxane-d8	96	5.899	5.891	0.008	53	30165	1000.0	1000.0	
68 Dibromomethane	93	5.957	5.949	0.008	94	65822	20.0	19.0	
67 1,4-Dioxane	88	5.973	5.965	0.008	32	11045	400.0	375.2	
66 Methyl methacrylate	100	5.973	5.965	0.008	79	40497	40.0	43.8	
69 n-Propyl acetate	43	6.064	6.056	0.008	96	66308	20.0	18.0	
70 Dichlorobromomethane	83	6.163	6.163	0.000	94	127086	20.0	17.0	
71 2-Nitropropane	41	6.599	6.599	0.000	98	22538	40.0	30.0	
73 Epichlorohydrin	57	6.731	6.731	0.000	98	99441	400.0	405.7	
74 cis-1,3-Dichloropropene	75	6.780	6.780	0.000	87	122240	20.0	18.2	
75 4-Methyl-2-pentanone (MIBK	43	7.010	7.002	0.008	93	266376	100.0	101.2	
$ 76 Toluene-d8 (Surr)	98	7.043	7.035	0.008	98	885617	50.0	49.7	
77 Toluene	91	7.126	7.118	0.008	93	382798	20.0	19.3	
78 trans-1,3-Dichloropropene	75	7.504	7.504	0.000	93	112505	20.0	18.1	
79 Ethyl methacrylate	69	7.578	7.570	0.008	85	89946	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
80 1,1,2-Trichloroethane	83	7.702	7.702	0.000	88	70689	20.0	20.7	
81 Tetrachloroethene	166	7.710	7.702	0.008	89	111264	20.0	19.6	
82 1,3-Dichloropropane	76	7.883	7.883	0.000	91	137055	20.0	20.0	
83 2-Hexanone	43	7.973	7.974	-0.001	94	193078	100.0	100.5	
84 Chlorodibromomethane	129	8.072	8.072	0.000	95	101255	20.0	19.0	
85 n-Butyl acetate	73	8.097	8.089	0.008	96	16038	20.0	20.8	
86 Ethylene Dibromide	107	8.187	8.187	0.000	98	95321	20.0	21.0	
* 87 Chlorobenzene-d5	117	8.640	8.632	0.008	85	774568	50.0	50.0	
88 Chlorobenzene	112	8.665	8.665	0.000	93	298347	20.0	19.0	
89 Ethylbenzene	106	8.755	8.755	0.000	99	152252	20.0	19.5	
90 1,1,1,2-Tetrachloroethane	131	8.763	8.764	-0.001	86	114847	20.0	18.8	
91 m-Xylene & p-Xylene	106	8.879	8.871	0.008	98	185474	20.0	19.7	
92 o-Xylene	106	9.249	9.249	0.000	93	185681	20.0	20.3	
137 n-Butyl acrylate	73	9.265	9.257	0.008	96	65422	20.0	19.8	
93 Styrene	104	9.274	9.274	0.000	92	318810	20.0	20.1	
95 Bromoform	173	9.455	9.455	0.000	95	62501	20.0	18.0	
94 Amyl acetate (mixed isomer	43	9.471	9.471	0.000	94	126203	20.0	16.3	
96 Isopropylbenzene	105	9.578	9.570	0.008	96	519853	20.0	20.4	
$ 97 4-Bromofluorobenzene	174	9.751	9.743	0.008	93	372529	50.0	49.6	
98 Camphene	41	9.759	9.759	0.000	92	18221	20.0	11.2	
99 Bromobenzene	156	9.858	9.858	0.000	97	151439	20.0	19.5	
100 1,1,2,2-Tetrachloroethane	83	9.916	9.916	0.000	92	125475	20.0	21.3	
101 N-Propylbenzene	91	9.932	9.932	0.000	98	595262	20.0	19.4	
102 1,2,3-Trichloropropane	110	9.957	9.949	0.008	83	45883	20.0	22.2	
103 trans-1,4-Dichloro-2-buten	53	9.973	9.973	0.000	15	25408	20.0	16.1	
104 2-Chlorotoluene	91	10.023	10.023	-0.001	95	470704	20.0	19.0	
105 4-Ethyltoluene	105	10.039	10.039	0.000	97	550523	20.0	19.8	
106 1,3,5-Trimethylbenzene	105	10.097	10.097	0.000	91	469031	20.0	19.8	
107 4-Chlorotoluene	91	10.121	10.121	0.000	96	452307	20.0	18.6	
117 2-Octanol	45	10.195	10.195	0.000	24	3243		NC	
108 Butyl Methacrylate	87	10.195	10.196	-0.001	88	140068	20.0	16.2	
109 tert-Butylbenzene	119	10.360	10.352	0.008	90	364148	20.0	19.6	
110 1,2,4-Trimethylbenzene	105	10.409	10.409	0.000	97	507662	20.0	20.1	
111 sec-Butylbenzene	105	10.541	10.541	0.000	98	494774	20.0	19.3	
113 1,3-Dichlorobenzene	146	10.656	10.656	0.000	94	290475	20.0	19.7	
112 4-Isopropyltoluene	119	10.656	10.656	0.000	95	445022	20.0	19.2	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	95	556571	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.738	10.730	0.008	92	303910	20.0	19.0	
118 Benzyl chloride	91	10.862	10.862	0.000	98	188680	20.0	17.5	
119 2,3-Dihydroindene	117	10.920	10.912	0.008	89	520886	20.0	19.7	
114 2-Octanone	43	10.920	10.920	0.000	1	898		NC	
120 p-Diethylbenzene	119	10.969	10.969	0.000	81	278938	20.0	19.6	
121 n-Butylbenzene	91	10.985	10.986	-0.001	97	502613	20.0	18.5	
122 1,2-Dichlorobenzene	146	11.035	11.035	0.000	95	303150	20.0	19.8	
123 1,2,4,5-Tetramethylbenzene	119	11.586	11.586	0.000	96	429630	20.0	19.0	
124 1,2-Dibromo-3-Chloropropan	75	11.677	11.669	0.008	96	23197	20.0	19.9	
125 1,3,5-Trichlorobenzene	180	11.784	11.784	0.000	97	199230	20.0	17.8	
126 Camphor	95	12.212	12.212	0.000	91	39397	100.0	73.3	
127 1,2,4-Trichlorobenzene	180	12.277	12.278	-0.001	92	181365	20.0	18.1	
129 Methylnaphthalene (total)	142	12.286	12.360	-0.074	0	169		NC	
128 Hexachlorobutadiene	225	12.368	12.368	0.000	93	61447	20.0	15.9	
130 Naphthalene	128	12.500	12.492	0.008	99	325500	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
131 1,2,3-Trichlorobenzene	180	12.697	12.697	0.000	94	127601	20.0	17.3	
S 133 1,2-Dichloroethene, Total	100				0			38.6	
S 134 Xylenes, Total	100				0		40.0	40.0	
S 147 Total BTEX	1				0			98.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Report Date: 24-Jun-2014 12:45:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69915.D

Injection Date: 24-Jun-2014 12:00:30 Instrument ID: CVOAMS2 Operator ID:

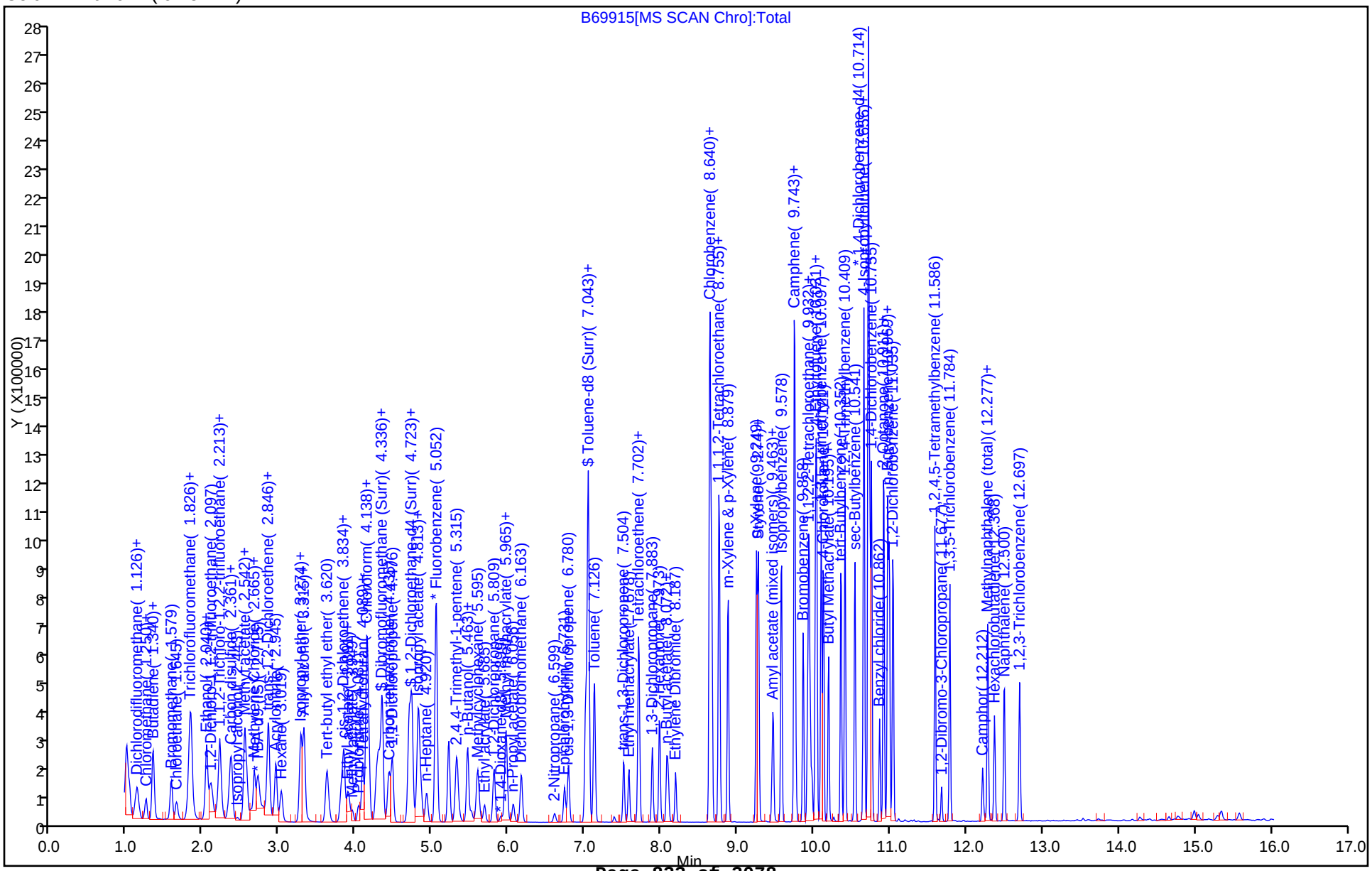
Lims ID: 460-77788-B-1 MS Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 15

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77918-C-6 MSD

Matrix: Water | Lab File ID: A05254.D

Analysis Method: 8260C | Date Collected: 06/17/2014 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 14:10

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	197		10	1.0
74-83-9	Bromomethane	194		10	1.8
75-01-4	Vinyl chloride	188		10	1.4
75-00-3	Chloroethane	188		10	1.7
75-09-2	Methylene Chloride	184		10	1.8
75-69-4	Trichlorofluoromethane	190		10	1.5
67-64-1	Acetone	823		50	27
75-15-0	Carbon disulfide	175		10	1.3
75-35-4	1,1-Dichloroethene	185		10	0.90
75-34-3	1,1-Dichloroethane	198		10	1.3
156-59-2	cis-1,2-Dichloroethene	191		10	1.8
156-60-5	trans-1,2-Dichloroethene	192		10	1.3
67-66-3	Chloroform	195		10	0.80
107-06-2	1,2-Dichloroethane	188		10	1.9
78-93-3	2-Butanone	1010		50	23
71-55-6	1,1,1-Trichloroethane	191		10	0.60
56-23-5	Carbon tetrachloride	192		10	0.60
110-82-7	Cyclohexane	201		10	1.6
1634-04-4	MTBE	176		10	1.4
76-13-1	Freon TF	203		10	0.80
71-43-2	Benzene	193		10	0.80
79-20-9	Methyl acetate	877		50	3.4
75-25-2	Bromoform	140		10	1.9
79-01-6	Trichloroethene	193		10	0.90
98-82-8	Isopropylbenzene	202		10	0.80
10061-02-6	trans-1,3-Dichloropropene	193		10	2.4
591-78-6	2-Hexanone	956		50	5.0
108-10-1	4-Methyl-2-pentanone	996		50	9.9
10061-01-5	cis-1,3-Dichloropropene	191		10	1.8
108-88-3	Toluene	192		10	1.5
108-90-7	Chlorobenzene	192		10	1.1
100-41-4	Ethylbenzene	195		10	1.0
78-87-5	1,2-Dichloropropane	189		10	0.90
108-87-2	Methylcyclohexane	218		10	1.4
1330-20-7	Xylenes, Total	382		20	1.3
100-42-5	Styrene	183		10	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77918-C-6 MSD

Matrix: Water | Lab File ID: A05254.D

Analysis Method: 8260C | Date Collected: 06/17/2014 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2014 14:10

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232261 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	197		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	208		10	1.6
541-73-1	1,3-Dichlorobenzene	204		10	1.4
79-00-5	1,1,2-Trichloroethane	194		10	1.9
106-46-7	1,4-Dichlorobenzene	201		10	2.3
95-50-1	1,2-Dichlorobenzene	197		10	2.1
124-48-1	Dibromochloromethane	158		10	2.0
120-82-1	1,2,4-Trichlorobenzene	213		10	3.4
75-71-8	Dichlorodifluoromethane	186		10	2.2
75-27-4	Bromodichloromethane	181		10	1.2
87-61-6	1,2,3-Trichlorobenzene	224		10	5.1
74-97-5	Bromochloromethane	196		10	2.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137

Report Date: 24-Jun-2014 10:30:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05254.D
Lims ID: 460-77918-C-6 MSD
Client ID:
Sample Type: MSD
Inject. Date: 23-Jun-2014 14:10:30 ALS Bottle#: 7 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-77918-C-6 MSD
Misc. Info.: 460-0014903-018
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 10:30:07 Calib Date: 24-May-2014 00:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140523-13753.b\A03873.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 10:30:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Propene	41	1.773	1.639	0.134	56	512		NC	
2 Chlorotrifluoroethene	66	1.657	1.651	0.006	79	20890	20.0	17.7	
3 Dichlorodifluoromethane	85	1.688	1.676	0.012	86	122485	20.0	18.6	
4 Chloromethane	50	1.865	1.853	0.012	89	157133	20.0	19.7	
6 Vinyl chloride	62	1.987	1.968	0.019	70	129811	20.0	18.8	
5 Butadiene	54	1.993	1.974	0.019	83	131270	20.0	20.2	
9 Bromomethane	94	2.304	2.298	0.006	98	65692	20.0	19.4	
10 Chloroethane	64	2.395	2.383	0.012	97	72783	20.0	18.8	
12 Dichlorofluoromethane	67	2.614	2.602	0.012	89	174394	20.0	18.6	
13 Trichlorofluoromethane	101	2.633	2.615	0.018	36	117584	20.0	19.0	
11 Pentane	72	2.639	2.621	0.018	96	32387	40.0	39.0	
14 Ethyl ether	59	2.858	2.846	0.012	91	73883	20.0	18.1	
16 Ethanol	46	2.852	2.852	0.000	76	20180	1000.0	1895.5	
15 2-Methyl-1,3-butadiene	67	2.883	2.865	0.018	96	166095	20.0	22.9	
8 1,2-Dichloro-1,1,2-trifluo	117	2.932	2.919	0.013	88	55712	20.0	19.3	
17 Acrolein	56	3.047	3.041	0.006	44	9722	40.0	21.9	
19 1,1,2-Trichloro-1,2,2-trif	101	3.072	3.054	0.018	90	70984	20.0	20.3	
20 1,1-Dichloroethene	96	3.078	3.072	0.006	85	66287	20.0	18.5	
21 Acetone	43	3.188	3.175	0.013	84	159274	100.0	82.3	
22 Iodomethane	142	3.242	3.230	0.012	100	102857	20.0	22.4	
23 Carbon disulfide	76	3.267	3.261	0.006	100	244633	20.0	17.5	
138 Isopropyl alcohol	45	3.291	3.279	0.012	64	59547	200.0	395.8	
141 3-Chloro-1-propene	76	3.413	3.401	0.012	12	40548	20.0	16.4	
25 Cyclopentene	67	3.431	3.419	0.012	87	221080	20.0	18.7	
24 Methyl acetate	43	3.431	3.425	0.006	98	378590	100.0	87.7	
26 Acetonitrile	41	3.498	3.492	0.006	97	100604	200.0	193.8	
27 Methylene Chloride	84	3.547	3.535	0.012	90	78509	20.0	18.4	
* 28 TBA-d9 (IS)	65	3.566	3.566	0.000	89	285247	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.633	3.620	0.013	53	70960	200.0	281.0	
30 Methyl tert-butyl ether	73	3.712	3.700	0.012	97	211024	20.0	17.6	
31 trans-1,2-Dichloroethene	96	3.724	3.718	0.006	88	71505	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.809	3.803	0.006	91	327449	200.0	177.5	
33 Hexane	43	3.876	3.870	0.006	93	91670	20.0	20.8	
34 Isopropyl ether	45	4.084	4.078	0.006	93	298282	20.0	19.0	
35 1,1-Dichloroethane	63	4.108	4.096	0.012	90	152564	20.0	19.8	
36 Vinyl acetate	43	4.120	4.114	0.006	100	521619	40.0	54.8	
37 2-Chloro-1,3-butadiene	88	4.145	4.139	0.006	81	63137	20.0	19.5	
39 Tert-butyl ethyl ether	59	4.364	4.358	0.006	88	237387	20.0	17.8	
40 2,2-Dichloropropane	77	4.553	4.541	0.012	78	103205	20.0	18.1	
41 cis-1,2-Dichloroethene	96	4.565	4.559	0.006	85	74868	20.0	19.1	
42 Ethyl acetate	70	4.584	4.578	0.006	96	12714	40.0	34.2	
38 Allyl alcohol	57	4.590	4.584	0.006	16	14252	500.0	417.5	
43 2-Butanone (MEK)	72	4.584	4.584	0.000	95	40964	100.0	101.4	
44 Methyl acrylate	55	4.626	4.626	0.000	92	69757	20.0	18.9	
45 Propionitrile	54	4.699	4.700	-0.001	98	117031	200.0	195.1	
47 Chlorobromomethane	128	4.760	4.748	0.012	87	32444	20.0	19.6	
46 Tetrahydrofuran	42	4.767	4.760	0.006	85	70811	40.0	42.8	
48 Methacrylonitrile	67	4.785	4.779	0.006	96	309319	200.0	183.7	
49 Chloroform	83	4.797	4.791	0.006	80	125274	20.0	19.5	
50 Cyclohexane	56	4.907	4.907	0.000	96	153584	20.0	20.1	
51 1,1,1-Trichloroethane	97	4.925	4.919	0.006	87	99289	20.0	19.1	
$ 52 Dibromofluoromethane (Surr	113	4.925	4.919	0.006	86	140721	50.0	50.4	
53 Carbon tetrachloride	117	5.016	5.010	0.006	87	77469	20.0	19.2	
54 1,1-Dichloropropene	75	5.041	5.035	0.006	91	99317	20.0	20.5	
57 Isobutyl alcohol	43	5.157	5.157	0.000	51	149148	500.0	1376.2	M
155 Isooctane	57	5.169	5.163	0.006	99	304699	20.0	21.7	
55 Benzene	78	5.199	5.193	0.006	95	298095	20.0	19.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.205	5.206	-0.001	92	202732	50.0	48.4	
58 Isopropyl acetate	43	5.230	5.230	0.000	90	265352	20.0	18.7	
59 Tert-amyl methyl ether	73	5.242	5.236	0.006	74	239978	20.0	19.4	
60 1,2-Dichloroethane	62	5.266	5.266	0.000	88	101398	20.0	18.8	
61 n-Heptane	57	5.303	5.297	0.006	97	72586	20.0	25.0	
* 62 Fluorobenzene	96	5.419	5.413	0.006	97	511842	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.577	5.571	0.006	93	467544	40.0	36.2	
140 n-Butanol	56	5.632	5.626	0.006	67	42590	500.0	565.8	
64 Trichloroethene	95	5.687	5.687	0.000	92	66091	20.0	19.3	
65 Ethyl acrylate	55	5.797	5.779	0.018	92	210473	20.0	20.6	
66 Methylcyclohexane	83	5.797	5.797	0.000	91	131325	20.0	21.8	
67 1,2-Dichloropropane	63	5.931	5.931	0.000	87	76990	20.0	18.9	
* 69 1,4-Dioxane-d8	96	5.986	5.974	0.012	87	22157	1000.0	1000.0	
68 Methyl methacrylate	100	5.980	5.974	0.006	84	29998	40.0	36.4	
70 n-Propyl acetate	43	6.016	6.016	0.000	82	117772	20.0	20.5	
71 1,4-Dioxane	88	6.028	6.022	0.006	11	12991	400.0	646.2	M
72 Dibromomethane	93	6.041	6.041	0.000	92	40152	20.0	19.3	
73 Dichlorobromomethane	83	6.163	6.157	0.006	94	80564	20.0	18.1	
74 2-Chloroethyl vinyl ether	63	6.443	6.443	0.000	79	11742	20.0	5.94	
75 2-Nitropropane	41	6.455	6.455	0.000	98	33338	40.0	35.9	
76 Epichlorohydrin	57	6.547	6.541	0.006	99	130938	400.0	379.5	
77 cis-1,3-Dichloropropene	75	6.589	6.583	0.006	92	104506	20.0	19.1	
78 4-Methyl-2-pentanone (MIBK	43	6.711	6.711	0.000	99	440276	100.0	99.6	
$ 79 Toluene-d8 (Surr)	98	6.784	6.778	0.006	98	563926	50.0	50.3	
80 Toluene	91	6.839	6.839	0.000	93	275129	20.0	19.2	
81 trans-1,3-Dichloropropene	75	7.071	7.065	0.006	90	87771	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.077	7.077	0.000	92	81649	20.0	17.4	
83 1,1,2-Trichloroethane	83	7.211	7.211	0.000	91	48568	20.0	19.4	
84 Tetrachloroethene	166	7.254	7.248	0.006	81	53825	20.0	19.7	
85 1,3-Dichloropropane	76	7.351	7.345	0.006	97	95311	20.0	18.4	
86 2-Hexanone	43	7.376	7.370	0.006	99	265706	100.0	95.6	
87 n-Butyl acetate	73	7.431	7.431	0.000	97	15132	20.0	17.3	
88 Chlorodibromomethane	129	7.492	7.492	0.000	95	42285	20.0	15.8	
89 Ethylene Dibromide	107	7.589	7.589	0.000	96	48211	20.0	18.9	
* 90 Chlorobenzene-d5	117	7.882	7.882	0.000	78	329879	50.0	50.0	
91 Chlorobenzene	112	7.900	7.900	0.000	82	159875	20.0	19.2	
92 Ethylbenzene	106	7.949	7.943	0.006	99	92416	20.0	19.5	
93 1,1,1,2-Tetrachloroethane	131	7.961	7.955	0.006	88	54816	20.0	18.8	
94 m-Xylene & p-Xylene	106	8.028	8.022	0.006	0	111945	20.0	19.3	
95 n-Butyl acrylate	73	8.248	8.242	0.006	95	43904	20.0	16.7	
96 o-Xylene	106	8.284	8.284	0.000	89	112365	20.0	18.9	
97 Styrene	104	8.302	8.296	0.006	91	179880	20.0	18.3	
98 Amyl acetate (mixed isomer	43	8.382	8.376	0.006	88	155306	20.0	20.0	
99 Bromoform	173	8.443	8.437	0.006	92	22617	20.0	14.0	
100 Isopropylbenzene	105	8.504	8.498	0.006	97	303633	20.0	20.2	
$ 101 4-Bromofluorobenzene	174	8.638	8.626	0.012	84	139084	50.0	52.6	
102 Camphene	41	8.650	8.638	0.012	95	36805	20.0	21.8	
103 1,1,2,2-Tetrachloroethane	83	8.729	8.717	0.012	77	82322	20.0	20.8	
104 Bromobenzene	156	8.729	8.717	0.012	91	63522	20.0	20.2	
105 N-Propylbenzene	91	8.754	8.741	0.013	98	398551	20.0	21.9	
139 trans-1,4-Dichloro-2-buten	53	8.766	8.754	0.012	62	25550	20.0	19.2	
106 1,2,3-Trichloropropane	110	8.772	8.754	0.018	87	22403	20.0	21.3	
107 4-Ethyltoluene	105	8.821	8.802	0.019	96	318119	20.0	21.4	
108 2-Chlorotoluene	91	8.827	8.815	0.012	93	276764	20.0	20.5	
109 1,3,5-Trimethylbenzene	105	8.857	8.839	0.018	72	265818	20.0	21.0	
110 Butyl Methacrylate	87	8.894	8.876	0.018	96	86089	20.0	17.6	
111 4-Chlorotoluene	91	8.900	8.882	0.018	97	237532	20.0	20.8	
112 tert-Butylbenzene	119	9.046	9.028	0.018	88	200934	20.0	20.4	
113 1,2,4-Trimethylbenzene	105	9.077	9.058	0.019	98	263939	20.0	20.4	
114 sec-Butylbenzene	105	9.168	9.150	0.018	98	338581	20.0	22.0	
115 4-Isopropyltoluene	119	9.247	9.229	0.018	94	271846	20.0	20.8	
116 1,3-Dichlorobenzene	146	9.272	9.247	0.025	93	132404	20.0	20.4	
* 117 1,4-Dichlorobenzene-d4	152	9.314	9.290	0.024	97	166073	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.327	9.308	0.019	89	135917	20.0	20.1	
119 Benzyl chloride	91	9.412	9.394	0.018	97	139436	20.0	20.0	
120 2,3-Dihydroindene	117	9.461	9.443	0.019	90	294746	20.0	19.6	
121 p-Diethylbenzene	119	9.473	9.455	0.018	85	190910	20.0	21.4	
122 n-Butylbenzene	92	9.491	9.473	0.018	98	178592	20.0	21.6	
123 1,2-Dichlorobenzene	146	9.558	9.540	0.018	91	130540	20.0	19.7	
132 2-Octanol	45	9.912	9.894	0.018	1	46		NC	
124 1,2,4,5-Tetramethylbenzene	119	9.985	9.961	0.024	96	238506	20.0	19.1	
125 1,2-Dibromo-3-Chloropropan	75	10.089	10.058	0.031	85	14162	20.0	20.3	
126 1,3,5-Trichlorobenzene	180	10.186	10.162	0.024	94	96476	20.0	19.4	
127 Camphor	95	10.619	10.595	0.024	96	28339	100.0	90.6	
128 1,2,4-Trichlorobenzene	180	10.686	10.662	0.024	92	85340	20.0	21.3	
129 Hexachlorobutadiene	225	10.765	10.735	0.030	87	38218	20.0	19.3	
130 Naphthalene	128	10.924	10.893	0.031	98	204142	20.0	22.8	
131 2-Octanone	43	11.277	11.015	0.262	1	198		NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
133 1,2,3-Trichlorobenzene	180	11.143	11.113	0.030	93	69944	20.0	22.4	
134 Methylnaphthalene (total)	142	12.363	12.332	0.031	0	1541		NC	
S 136 1,2-Dichloroethene, Total	100				0			38.2	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 147 Total BTEX	1				0			96.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

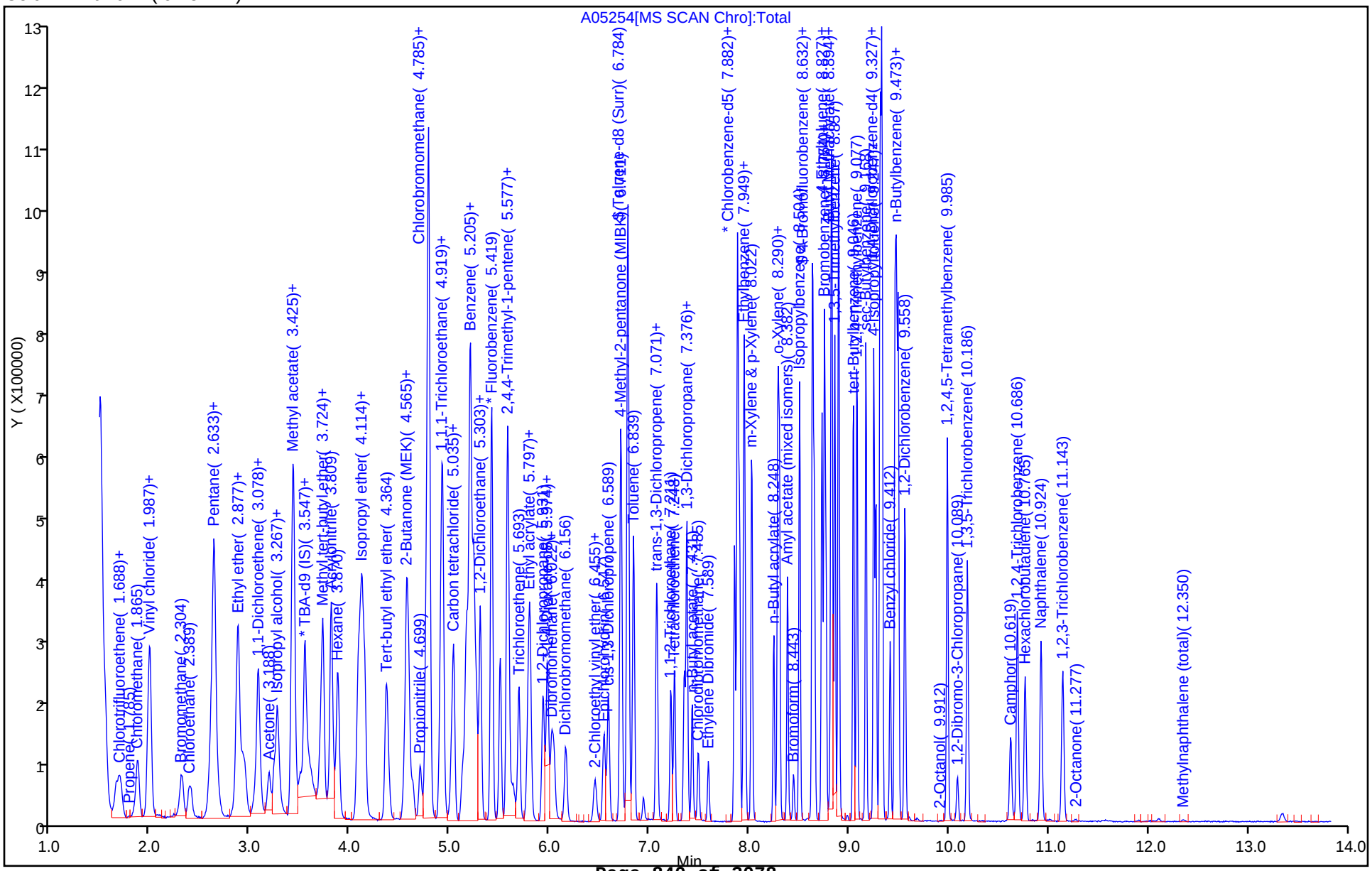
Report Date: 24-Jun-2014 10:30:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140623-14903.b\A05254.D

Injection Date:	23-Jun-2014 14:10:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-77918-C-6 MSD			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77788-B-1 MSD

Matrix: Water | Lab File ID: B69916.D

Analysis Method: 8260C | Date Collected: 06/12/2014 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2014 12:23

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 232427 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	192		10	1.0
74-83-9	Bromomethane	218		10	1.8
75-01-4	Vinyl chloride	203		10	1.4
75-00-3	Chloroethane	188		10	1.7
75-09-2	Methylene Chloride	192		10	1.8
75-69-4	Trichlorofluoromethane	185		10	1.5
67-64-1	Acetone	858		50	27
75-15-0	Carbon disulfide	162		10	1.3
75-35-4	1,1-Dichloroethene	184		10	0.90
75-34-3	1,1-Dichloroethane	189		10	1.3
156-59-2	cis-1,2-Dichloroethene	207		10	1.8
156-60-5	trans-1,2-Dichloroethene	195		10	1.3
67-66-3	Chloroform	188		10	0.80
107-06-2	1,2-Dichloroethane	188		10	1.9
78-93-3	2-Butanone	964		50	23
71-55-6	1,1,1-Trichloroethane	180		10	0.60
56-23-5	Carbon tetrachloride	171		10	0.60
110-82-7	Cyclohexane	188		10	1.6
1634-04-4	MTBE	213		10	1.4
76-13-1	Freon TF	177		10	0.80
71-43-2	Benzene	202		10	0.80
79-20-9	Methyl acetate	949		50	3.4
75-25-2	Bromoform	184		10	1.9
79-01-6	Trichloroethene	190		10	0.90
98-82-8	Isopropylbenzene	212		10	0.80
10061-02-6	trans-1,3-Dichloropropene	185		10	2.4
591-78-6	2-Hexanone	1030		50	5.0
108-10-1	4-Methyl-2-pentanone	1050		50	9.9
10061-01-5	cis-1,3-Dichloropropene	182		10	1.8
108-88-3	Toluene	200		10	1.5
108-90-7	Chlorobenzene	198		10	1.1
100-41-4	Ethylbenzene	203		10	1.0
78-87-5	1,2-Dichloropropane	181		10	0.90
108-87-2	Methylcyclohexane	192		10	1.4
1330-20-7	Xylenes, Total	419		20	1.3
100-42-5	Styrene	207		10	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-77788-B-1 MSD

Matrix: Water Lab File ID: B69916.D

Analysis Method: 8260C Date Collected: 06/12/2014 11:40

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2014 12:23

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 232427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	199		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	221		10	1.6
541-73-1	1,3-Dichlorobenzene	201		10	1.4
79-00-5	1,1,2-Trichloroethane	205		10	1.9
106-46-7	1,4-Dichlorobenzene	196		10	2.3
95-50-1	1,2-Dichlorobenzene	204		10	2.1
124-48-1	Dibromochloromethane	194		10	2.0
120-82-1	1,2,4-Trichlorobenzene	196		10	3.4
75-71-8	Dichlorodifluoromethane	186		10	2.2
75-27-4	Bromodichloromethane	173		10	1.2
87-61-6	1,2,3-Trichlorobenzene	211		10	5.1
74-97-5	Bromochloromethane	209		10	2.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137

Report Date: 24-Jun-2014 12:47:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69916.D
Lims ID: 460-77788-B-1 MSD
Client ID:
Sample Type: MSD
Inject. Date: 24-Jun-2014 12:23:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-77788-B-1 MSD
Misc. Info.: 460-0014950-017
Operator ID: Instrument ID: CVOAMS2

Method: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jun-2014 12:47:12 Calib Date: 28-May-2014 12:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20140528-13868.b\B68830.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov Date: 24-Jun-2014 12:47:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.102	0.000	63	21050	20.0	14.0	
2 Dichlorodifluoromethane	85	1.118	1.110	0.008	88	204039	20.0	18.6	
6 Propene	41	1.217	1.225	-0.008	1	152		NC	
3 Chloromethane	50	1.233	1.233	0.000	88	104092	20.0	19.2	
4 Vinyl chloride	62	1.324	1.316	0.008	83	132769	20.0	20.3	
5 Butadiene	54	1.332	1.324	0.008	88	97909	20.0	20.4	
7 Bromomethane	94	1.571	1.554	0.017	98	125492	20.0	21.8	
8 Chloroethane	64	1.628	1.628	0.000	98	73589	20.0	18.8	
9 Trichlorofluoromethane	101	1.801	1.801	0.000	85	207562	20.0	18.5	
10 Dichlorofluoromethane	67	1.809	1.809	0.000	89	251315	20.0	21.4	
19 Pentane	72	1.826	1.818	0.008	93	25207	40.0	31.3	
15 Acrolein	56	1.826	1.826	0.000	29	7985	40.0	32.1	
139 Ethanol	46	2.023	2.015	0.008	73	11443	1000.0	1245.4	
11 Ethyl ether	59	2.032	2.023	0.009	89	59476	20.0	17.2	
13 2-Methyl-1,3-butadiene	53	2.032	2.023	0.009	94	63795	20.0	15.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.089	2.081	0.008	83	91507	20.0	16.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.196	2.196	0.000	48	102539	20.0	17.7	
17 1,1-Dichloroethene	96	2.204	2.196	0.008	91	89258	20.0	18.4	
18 Acetone	43	2.320	2.311	0.009	84	84218	100.0	85.8	
20 Iodomethane	142	2.344	2.336	0.008	97	208952	20.0	19.2	
21 Carbon disulfide	76	2.361	2.353	0.008	99	224082	20.0	16.2	
135 Isopropyl alcohol	45	2.443	2.443	0.000	84	26594	200.0	188.4	
141 3-Chloro-1-propene	76	2.525	2.525	0.000	58	36359	20.0	15.5	
22 Cyclopentene	67	2.534	2.525	0.009	92	198540	20.0	19.3	
23 Methyl acetate	43	2.558	2.558	0.000	96	186297	100.0	94.9	
24 Acetonitrile	41	2.608	2.608	0.000	95	60530	200.0	209.2	
25 Methylene Chloride	84	2.657	2.649	0.008	71	96308	20.0	19.2	
* 26 TBA-d9 (IS)	65	2.706	2.706	0.000	39	312979	1000.0	1000.0	
27 2-Methyl-2-propanol	59	2.772	2.781	-0.009	91	72448	200.0	185.6	
28 Methyl tert-butyl ether	73	2.838	2.838	0.000	94	254379	20.0	21.3	
29 trans-1,2-Dichloroethene	96	2.846	2.838	0.008	84	98918	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.937	2.937	0.000	92	193999	200.0	220.3	
32 Hexane	43	3.011	3.003	0.008	86	36452	20.0	16.9	
34 1,1-Dichloroethane	63	3.266	3.266	0.000	93	154077	20.0	18.9	
33 Isopropyl ether	45	3.266	3.266	0.000	87	177592	20.0	19.4	
36 2-Chloro-1,3-butadiene	88	3.307	3.307	0.000	73	78900	20.0	20.2	
35 Vinyl acetate	43	3.307	3.307	0.000	99	310767	40.0	47.8	
136 Allyl alcohol	57	3.357	3.365	-0.009	75	17588	500.0	623.3	
37 Tert-butyl ethyl ether	59	3.612	3.612	0.000	91	218110	20.0	20.0	
38 2,2-Dichloropropane	77	3.801	3.801	0.000	91	143106	20.0	17.0	
39 cis-1,2-Dichloroethene	96	3.834	3.834	0.000	93	104404	20.0	20.7	
40 2-Butanone (MEK)	72	3.883	3.883	0.000	100	35363	100.0	96.4	
41 Ethyl acetate	70	3.900	3.900	0.000	96	11699	40.0	36.1	
42 Methyl acrylate	55	3.949	3.949	0.000	65	45682	20.0	21.8	
43 Propionitrile	54	4.023	4.023	0.000	94	74250	200.0	192.4	
45 Chlorobromomethane	128	4.081	4.073	0.008	66	57262	20.0	20.9	
44 Tetrahydrofuran	72	4.081	4.081	0.000	55	15309	40.0	41.4	
46 Methacrylonitrile	67	4.130	4.130	0.000	81	260055	200.0	218.9	
47 Chloroform	83	4.163	4.155	0.008	86	197441	20.0	18.8	
48 Cyclohexane	56	4.262	4.262	0.000	84	105278	20.0	18.8	
49 1,1,1-Trichloroethane	97	4.295	4.295	0.000	92	181025	20.0	18.0	
$ 57 Dibromofluoromethane (Surr	113	4.336	4.336	0.000	96	271886	50.0	48.2	
50 Carbon tetrachloride	117	4.426	4.418	0.008	90	157264	20.0	17.1	
51 1,1-Dichloropropene	75	4.468	4.468	0.000	92	125792	20.0	20.4	
52 Benzene	78	4.690	4.690	0.000	97	320648	20.0	20.2	
138 Isobutyl alcohol	43	4.714	4.715	-0.001	49	58026	500.0	436.2	
$ 53 1,2-Dichloroethane-d4 (Sur	65	4.723	4.723	0.000	93	321546	50.0	46.0	
140 Tert-amyl methyl ether	73	4.813	4.813	0.000	84	256726	20.0	21.0	
54 1,2-Dichloroethane	62	4.813	4.813	0.000	86	156249	20.0	18.8	
55 Isopropyl acetate	43	4.846	4.846	0.000	95	146879	20.0	18.1	
56 n-Heptane	57	4.920	4.912	0.008	77	26677	20.0	17.4	
* 58 Fluorobenzene	96	5.044	5.044	0.000	99	807553	50.0	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.315	5.315	0.000	89	212753	40.0	35.8	
60 Trichloroethene	95	5.455	5.455	0.000	94	103734	20.0	19.0	
61 n-Butanol	56	5.513	5.505	0.008	88	23483	500.0	435.8	
62 Methylcyclohexane	83	5.587	5.587	0.000	91	109378	20.0	19.2	
63 Ethyl acrylate	55	5.677	5.677	0.000	97	67156	20.0	19.6	
64 1,2-Dichloropropane	63	5.809	5.801	0.008	82	72097	20.0	18.1	
* 65 1,4-Dioxane-d8	96	5.899	5.891	0.008	54	30161	1000.0	1000.0	
68 Dibromomethane	93	5.949	5.949	0.000	95	65808	20.0	19.3	
67 1,4-Dioxane	88	5.965	5.965	0.000	33	13386	400.0	454.8	
66 Methyl methacrylate	100	5.965	5.965	0.000	79	39957	40.0	43.9	
69 n-Propyl acetate	43	6.056	6.056	0.000	96	67692	20.0	18.6	
70 Dichlorobromomethane	83	6.163	6.163	0.000	95	127955	20.0	17.3	
71 2-Nitropropane	41	6.599	6.599	0.000	96	22178	40.0	30.0	
73 Epichlorohydrin	57	6.731	6.731	0.000	97	98958	400.0	415.3	
74 cis-1,3-Dichloropropene	75	6.780	6.780	0.000	87	118986	20.0	18.2	
75 4-Methyl-2-pentanone (MIBK	43	7.011	7.002	0.008	93	269519	100.0	105.3	
$ 76 Toluene-d8 (Surr)	98	7.043	7.035	0.008	98	866346	50.0	50.0	
77 Toluene	91	7.117	7.118	-0.001	93	385912	20.0	20.0	
78 trans-1,3-Dichloropropene	75	7.504	7.504	0.000	93	112003	20.0	18.5	
79 Ethyl methacrylate	69	7.578	7.570	0.008	85	89024	20.0	18.1	
80 1,1,2-Trichloroethane	83	7.702	7.702	0.000	88	68239	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
81 Tetrachloroethene	166	7.710	7.702	0.008	88	109824	20.0	19.9	
82 1,3-Dichloropropane	76	7.883	7.883	0.000	90	136734	20.0	20.5	
83 2-Hexanone	43	7.973	7.974	-0.001	94	192488	100.0	103.1	
84 Chlorodibromomethane	129	8.072	8.072	0.000	96	100494	20.0	19.4	
85 n-Butyl acetate	73	8.097	8.089	0.008	97	16059	20.0	21.4	
86 Ethylene Dibromide	107	8.187	8.187	0.000	98	95706	20.0	21.7	
* 87 Chlorobenzene-d5	117	8.640	8.632	0.008	85	752916	50.0	50.0	
88 Chlorobenzene	112	8.665	8.665	0.000	93	302508	20.0	19.8	
89 Ethylbenzene	106	8.755	8.755	0.000	99	153847	20.0	20.3	
90 1,1,1,2-Tetrachloroethane	131	8.763	8.764	-0.001	85	115687	20.0	19.4	
91 m-Xylene & p-Xylene	106	8.879	8.871	0.008	98	187971	20.0	20.6	
92 o-Xylene	106	9.249	9.249	0.000	93	189815	20.0	21.4	
137 n-Butyl acrylate	73	9.265	9.257	0.008	97	67880	20.0	21.1	
93 Styrene	104	9.274	9.274	0.000	93	318850	20.0	20.7	
95 Bromoform	173	9.455	9.455	0.000	95	62285	20.0	18.4	
94 Amyl acetate (mixed isomer	43	9.471	9.471	0.000	93	127573	20.0	16.9	
96 Isopropylbenzene	105	9.578	9.570	0.008	96	525248	20.0	21.2	
$ 97 4-Bromofluorobenzene	174	9.751	9.743	0.008	92	365728	50.0	50.1	
98 Camphene	41	9.759	9.759	0.000	86	18053	20.0	11.4	
99 Bromobenzene	156	9.858	9.858	0.000	97	153222	20.0	20.2	
100 1,1,2,2-Tetrachloroethane	83	9.916	9.916	0.000	92	127231	20.0	22.1	
101 N-Propylbenzene	91	9.932	9.932	0.000	98	612563	20.0	20.4	
102 1,2,3-Trichloropropane	110	9.957	9.949	0.008	83	44961	20.0	22.3	
103 trans-1,4-Dichloro-2-buten	53	9.973	9.973	0.000	10	24547	20.0	15.9	
104 2-Chlorotoluene	91	10.023	10.023	0.000	93	476117	20.0	19.7	
105 4-Ethyltoluene	105	10.039	10.039	0.000	97	560786	20.0	20.7	
106 1,3,5-Trimethylbenzene	105	10.097	10.097	0.000	91	471715	20.0	20.4	
107 4-Chlorotoluene	91	10.121	10.121	0.000	96	454659	20.0	19.2	
117 2-Octanol	45	10.195	10.195	0.000	23	2811		NC	
108 Butyl Methacrylate	87	10.195	10.196	-0.001	87	143866	20.0	17.0	
109 tert-Butylbenzene	119	10.352	10.352	0.000	88	367220	20.0	20.3	
110 1,2,4-Trimethylbenzene	105	10.409	10.409	0.000	97	508793	20.0	20.7	
111 sec-Butylbenzene	105	10.541	10.541	0.000	98	514560	20.0	20.5	
113 1,3-Dichlorobenzene	146	10.656	10.656	0.000	94	289482	20.0	20.1	
112 4-Isopropyltoluene	119	10.664	10.656	0.008	95	453890	20.0	20.1	
* 115 1,4-Dichlorobenzene-d4	152	10.714	10.714	0.000	95	543169	50.0	50.0	
116 1,4-Dichlorobenzene	146	10.739	10.730	0.009	89	305317	20.0	19.6	
118 Benzyl chloride	91	10.862	10.862	0.000	98	186765	20.0	17.7	
119 2,3-Dihydroindene	117	10.911	10.912	-0.001	89	535847	20.0	20.8	
114 2-Octanone	43	10.911	10.920	-0.009	11	756		NC	
120 p-Diethylbenzene	119	10.969	10.969	0.000	91	284883	20.0	20.5	
121 n-Butylbenzene	91	10.985	10.986	-0.001	97	510844	20.0	19.3	
122 1,2-Dichlorobenzene	146	11.043	11.035	0.008	95	304761	20.0	20.4	
123 1,2,4,5-Tetramethylbenzene	119	11.586	11.586	0.000	96	441423	20.0	20.0	
124 1,2-Dibromo-3-Chloropropan	75	11.669	11.669	-0.001	97	22569	20.0	19.8	
125 1,3,5-Trichlorobenzene	180	11.784	11.784	0.000	97	202696	20.0	18.6	
126 Camphor	95	12.212	12.212	0.000	89	45338	100.0	86.2	
127 1,2,4-Trichlorobenzene	180	12.278	12.278	0.000	93	191826	20.0	19.6	
129 Methylnaphthalene (total)	142	12.368	12.360	0.008	0	635		NC	
128 Hexachlorobutadiene	225	12.368	12.368	0.000	92	64455	20.0	17.1	
130 Naphthalene	128	12.491	12.492	-0.001	99	369613	20.0	23.2	
131 1,2,3-Trichlorobenzene	180	12.697	12.697	0.000	93	151989	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 133 1,2-Dichloroethene, Total	100				0			40.2	
S 134 Xylenes, Total	100				0		40.0	41.9	
S 147 Total BTEX	1				0			102.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Report Date: 24-Jun-2014 12:47:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20140624-14950.b\B69916.D

Injection Date: 24-Jun-2014 12:23:30 Instrument ID: CVOAMS2 Operator ID:

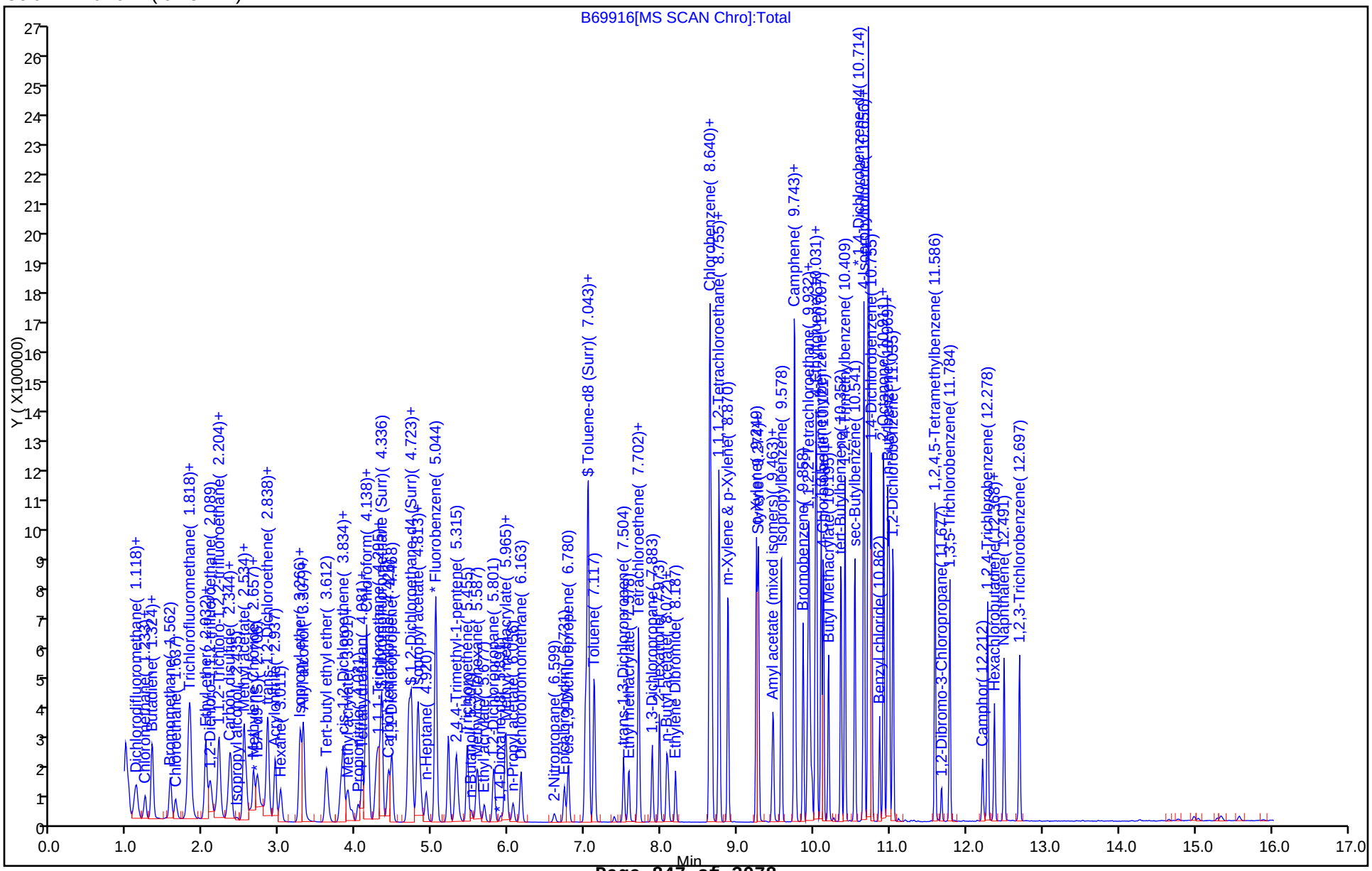
Lims ID: 460-77788-B-1 MSD Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 16

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 05/23/2014 19:36

Analysis Batch Number: 226461 End Date: 05/24/2014 01:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-226461/1		05/23/2014 19:36	1	A03858.D	Rtx-624 0.25(mm)
STD20 460-226461/5 ICIS		05/23/2014 20:56	1	A03862.D	Rtx-624 0.25(mm)
STD50 460-226461/6 IC		05/23/2014 21:16	1	A03863.D	Rtx-624 0.25(mm)
STD200 460-226461/7 IC		05/23/2014 21:36	1	A03864.D	Rtx-624 0.25(mm)
STD500 460-226461/8 IC		05/23/2014 21:56	1	A03865.D	Rtx-624 0.25(mm)
STD5 460-226461/15 IC		05/24/2014 00:20	1	A03872.D	Rtx-624 0.25(mm)
STD1 460-226461/16 IC		05/24/2014 00:40	1	A03873.D	Rtx-624 0.25(mm)
ICV 460-226461/17		05/24/2014 01:17	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 06/23/2014 07:34

Analysis Batch Number: 232261 End Date: 06/23/2014 18:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-232261/1		06/23/2014 07:34	1	A05237.D	Rtx-624 0.25(mm)
CCVIS 460-232261/3		06/23/2014 08:16	1	A05239.D	Rtx-624 0.25(mm)
LCS 460-232261/4		06/23/2014 08:39	1	A05240.D	Rtx-624 0.25(mm)
MB 460-232261/7		06/23/2014 09:53	1	A05243.D	Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 10:42	1		Rtx-624 0.25(mm)
460-77918-C-6 MS		06/23/2014 13:49	10	A05253.D	Rtx-624 0.25(mm)
460-77918-C-6 MSD		06/23/2014 14:10	10	A05254.D	Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 16:09	1		Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 16:29	1		Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 16:49	1		Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 17:10	1		Rtx-624 0.25(mm)
460-78044-8	TWP-1	06/23/2014 17:30	1	A05264.D	Rtx-624 0.25(mm)
460-78044-9	TWP-4	06/23/2014 17:50	1	A05265.D	Rtx-624 0.25(mm)
ZZZZZ		06/23/2014 18:10	1		Rtx-624 0.25(mm)
460-78044-11	TWP-7	06/23/2014 18:31	1	A05267.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/28/2014 06:53

Analysis Batch Number: 226928 End Date: 05/28/2014 13:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-226928/1		05/28/2014 06:53	1	B68815.D	Rtx-624 0.25(mm)
STD5 460-226928/5 IC		05/28/2014 08:24	1	B68819.D	Rtx-624 0.25(mm)
STD20 460-226928/6 ICIS		05/28/2014 08:47	1	B68820.D	Rtx-624 0.25(mm)
STD50 460-226928/7 IC		05/28/2014 09:10	1	B68821.D	Rtx-624 0.25(mm)
STD200 460-226928/8 IC		05/28/2014 09:33	1	B68822.D	Rtx-624 0.25(mm)
STD500 460-226928/9 IC		05/28/2014 09:56	1	B68823.D	Rtx-624 0.25(mm)
STD1 460-226928/16 IC		05/28/2014 12:37	1	B68830.D	Rtx-624 0.25(mm)
ICV 460-226928/19		05/28/2014 13:48	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 06/24/2014 04:56

Analysis Batch Number: 232427 End Date: 06/24/2014 15:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-232427/1		06/24/2014 04:56	1	B69900.D	Rtx-624 0.25(mm)
CCVIS 460-232427/2		06/24/2014 05:22	1	B69901.D	Rtx-624 0.25(mm)
LCS 460-232427/3		06/24/2014 05:45	1	B69902.D	Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 06:08	1		Rtx-624 0.25(mm)
MB 460-232427/6		06/24/2014 06:54	1	B69905.D	Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 07:18	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 07:41	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 08:04	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 08:27	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 08:50	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 09:12	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 10:50	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 11:13	25		Rtx-624 0.25(mm)
460-77788-B-1 MS		06/24/2014 12:00	10	B69915.D	Rtx-624 0.25(mm)
460-77788-B-1 MSD		06/24/2014 12:23	10	B69916.D	Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 13:09	1		Rtx-624 0.25(mm)
460-78044-10	TWP-5	06/24/2014 13:32	1	B69919.D	Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 13:55	10		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 14:18	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 14:41	10		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 15:04	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 15:27	1		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 15:50	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 06/04/2014 00:29

Analysis Batch Number: 228338 End Date: 06/04/2014 10:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-228338/1		06/04/2014 00:29	1	J13736.D	Rtx-624 0.25(mm)
STD1 460-228338/3 IC		06/04/2014 01:21	1	J13738.D	Rtx-624 0.25(mm)
STD5 460-228338/4 IC		06/04/2014 01:46	1	J13739.D	Rtx-624 0.25(mm)
STD20 460-228338/5 ICIS		06/04/2014 02:11	1	J13740.D	Rtx-624 0.25(mm)
STD50 460-228338/6 IC		06/04/2014 02:36	1	J13741.D	Rtx-624 0.25(mm)
STD200 460-228338/7 IC		06/04/2014 03:01	1	J13742.D	Rtx-624 0.25(mm)
STD500 460-228338/8 IC		06/04/2014 03:26	1	J13743.D	Rtx-624 0.25(mm)
ZZZZZ		06/04/2014 05:06	50		Rtx-624 0.25(mm)
ICV 460-228338/1012		06/04/2014 05:06	50		Rtx-624 0.25(mm)
ZZZZZ		06/04/2014 05:31	50		Rtx-624 0.25(mm)
ZZZZZ		06/04/2014 06:46	50		Rtx-624 0.25(mm)
ZZZZZ		06/04/2014 10:29	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 06/24/2014 10:26

Analysis Batch Number: 232468 End Date: 06/24/2014 19:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-232468/1		06/24/2014 10:26	1	J14654.D	Rtx-624 0.25(mm)
CCVIS 460-232468/3		06/24/2014 11:52	1	J14656.D	Rtx-624 0.25(mm)
LCS 460-232468/4		06/24/2014 12:17	50	J14657.D	Rtx-624 0.25(mm)
LCSD 460-232468/5		06/24/2014 12:42	50	J14658.D	Rtx-624 0.25(mm)
MB 460-232468/7		06/24/2014 13:32	50	J14660.D	Rtx-624 0.25(mm)
460-78044-3	S-3	06/24/2014 14:46	50	J14663.D	Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 15:11	200		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 16:01	100		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 16:26	100		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 17:15	100		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 17:40	50		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 18:05	50		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 18:29	50		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 18:54	50		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 19:19	50		Rtx-624 0.25(mm)
ZZZZZ		06/24/2014 19:44	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 06/16/2014 11:59

Analysis Batch Number: 230933 End Date: 06/16/2014 19:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-230933/1		06/16/2014 11:59	1	K28240.D	Rtx-624 0.25(mm)
STD5 460-230933/4 IC		06/16/2014 13:13	1	K28243.D	Rtx-624 0.25(mm)
STD20 460-230933/5 ICIS		06/16/2014 13:37	1	K28244.D	Rtx-624 0.25(mm)
STD50 460-230933/6 IC		06/16/2014 14:02	1	K28245.D	Rtx-624 0.25(mm)
STD200 460-230933/7 IC		06/16/2014 14:26	1	K28246.D	Rtx-624 0.25(mm)
STD500 460-230933/8 IC		06/16/2014 14:50	1	K28247.D	Rtx-624 0.25(mm)
STD1 460-230933/13 IC		06/16/2014 16:51	1	K28252.D	Rtx-624 0.25(mm)
ZZZZZ		06/16/2014 17:58	1		Rtx-624 0.25(mm)
ZZZZZ		06/16/2014 18:22	1		Rtx-624 0.25(mm)
ICV 460-230933/1015		06/16/2014 18:22	1		Rtx-624 0.25(mm)
ZZZZZ		06/16/2014 19:21	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 06/22/2014 06:01

Analysis Batch Number: 232119 End Date: 06/22/2014 16:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-232119/1		06/22/2014 06:01	1	K28511.D	Rtx-624 0.25(mm)
CCVIS 460-232119/2		06/22/2014 06:50	1	K28512.D	Rtx-624 0.25(mm)
LCS 460-232119/3		06/22/2014 07:14	1	K28513.D	Rtx-624 0.25(mm)
LCSD 460-232119/4		06/22/2014 07:38	1	K28514.D	Rtx-624 0.25(mm)
MB 460-232119/6		06/22/2014 08:45	1	K28516.D	Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 09:11	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 09:36	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 10:00	1		Rtx-624 0.25(mm)
LB3 460-231714/1-A		06/22/2014 10:24	1	K28520.D	Rtx-624 0.25(mm)
460-78044-1	S-1	06/22/2014 10:49	1	K28521.D	Rtx-624 0.25(mm)
460-78044-2	S-2	06/22/2014 11:13	1	K28522.D	Rtx-624 0.25(mm)
460-78044-4	S-4	06/22/2014 11:37	1	K28523.D	Rtx-624 0.25(mm)
460-78044-5	S-5	06/22/2014 12:01	1	K28524.D	Rtx-624 0.25(mm)
460-78044-6	S-6	06/22/2014 12:26	1	K28525.D	Rtx-624 0.25(mm)
460-78044-7	S-7	06/22/2014 12:50	1	K28526.D	Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 13:14	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 13:38	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 14:03	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 14:27	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 14:51	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 15:16	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 15:40	1		Rtx-624 0.25(mm)
ZZZZZ		06/22/2014 16:05	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231704 Batch Start Date: 06/19/14 15:01 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 06/19/14 15:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00046			
460-78044-A-3	S-3	5035, 8260C	T	4.23 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231714 Batch Start Date: 06/19/14 15:19 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 06/19/14 15:41

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-231714/1		5035, 8260C		5 g	5 mL				
460-78044-B-1	S-1	5035, 8260C	T	4.06 g	5 mL				
460-78044-B-2	S-2	5035, 8260C	T	3.63 g	5 mL				
460-78044-B-4	S-4	5035, 8260C	T	5.13 g	5 mL				
460-78044-B-5	S-5	5035, 8260C	T	3.83 g	5 mL				
460-78044-B-6	S-6	5035, 8260C	T	5.48 g	5 mL				
460-78044-B-7	S-7	5035, 8260C	T	2.21 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C_SIM

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	BFB #
TWP-1	460-78044-8	109	100
TWP-4	460-78044-9	107	102
TWP-5	460-78044-10	108	98
TWP-7	460-78044-11	99	95
	MB 460-231807/8	103	100
	LCS 460-231807/4	102	97
	LCSD 460-231807/5	106	98

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
BFB = 4-Bromofluorobenzene	26-150

Column to be used to flag recovery values

FORM II 8260C SIM

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N74788.D

Lab ID: LCS 460-231807/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	0.500	0.512	102	62-144	
1,4-Dioxane	20.0	22.7	113	52-148	
Ethylene Dibromide	0.500	0.539	108	55-142	

Column to be used to flag recovery and RPD values

FORM III 8260C SIM

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N74789.D

Lab ID: LCSD 460-231807/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	0.500	0.465	93	10	30	62-144	
1,4-Dioxane	20.0	18.1	91	22	30	52-148	
Ethylene Dibromide	0.500	0.469	94	14	30	55-142	

Column to be used to flag recovery and RPD values

FORM III 8260C SIM

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: N74792.D Lab Sample ID: MB 460-231807/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS11 Date Analyzed: 06/20/2014 08:55

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-231807/4	N74788.D	06/20/2014 07:04
	LCSD 460-231807/5	N74789.D	06/20/2014 07:30
TWP-1	460-78044-8	N74797.D	06/20/2014 11:07
TWP-4	460-78044-9	N74798.D	06/20/2014 11:32
TWP-5	460-78044-10	N74799.D	06/20/2014 11:58
TWP-7	460-78044-11	N74800.D	06/20/2014 12:24

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: N74613.D BFB Injection Date: 06/12/2014

Instrument ID: CVOAMS11 BFB Injection Time: 21:11

Analysis Batch No.: 230332

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	45.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.3	
175	5.0 - 9.0 % of mass 174	7.3	(7.9)1
176	95.0 - 101.0 % of mass 174	92.4	(100.1)1
177	5.0 - 9.0 % of mass 176	6.3	(6.8)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
	STD002 460-230332/4	N74616.D	06/12/2014	22:28
	STD005 460-230332/5	N74617.D	06/12/2014	22:53
	STD01 460-230332/6	N74618.D	06/12/2014	23:19
	STD05 460-230332/7	N74619.D	06/12/2014	23:44
	STD1 460-230332/8	N74620.D	06/13/2014	00:10
	STD2 460-230332/9	N74621.D	06/13/2014	00:36

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: N74785.D BFB Injection Date: 06/20/2014

Instrument ID: CVOAMS11 BFB Injection Time: 05:46

Analysis Batch No.: 231807

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.2	
175	5.0 - 9.0 % of mass 174	7.6	(8.3)1
176	95.0 - 101.0 % of mass 174	88.6	(97.2)1
177	5.0 - 9.0 % of mass 176	6.1	(6.9)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
	CCVIS 460-231807/3	N74787.D	06/20/2014	06:39
	LCS 460-231807/4	N74788.D	06/20/2014	07:04
	LCSD 460-231807/5	N74789.D	06/20/2014	07:30
	MB 460-231807/8	N74792.D	06/20/2014	08:55
TWP-1	460-78044-8	N74797.D	06/20/2014	11:07
TWP-4	460-78044-9	N74798.D	06/20/2014	11:32
TWP-5	460-78044-10	N74799.D	06/20/2014	11:58
TWP-7	460-78044-11	N74800.D	06/20/2014	12:24

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-231807/3 Date Analyzed: 06/20/2014 06:39

Instrument ID: CVOAMS11 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): N74787.D Heated Purge: (Y/N) N

Calibration ID: 40001

		FB		DXE		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34328	3.94	23585	4.67	13279	7.59
UPPER LIMIT		68656	4.44	47170	5.17	26558	8.09
LOWER LIMIT		17164	3.44	11793	4.17	6640	7.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-231807/4		31438	3.94	21244	4.67	11938	7.59
LCSD 460-231807/5		33975	3.94	24335	4.67	13106	7.59
MB 460-231807/8		34160	3.94	22956	4.67	12342	7.59
460-78044-8	TWP-1	30979	3.94	21653	4.67	11287	7.59
460-78044-9	TWP-4	33062	3.94	22397	4.67	12213	7.59
460-78044-10	TWP-5	28684	3.94	20337	4.67	10699	7.59
460-78044-11	TWP-7	34612	3.94	22419	4.67	12961	7.59

FB = Fluorobenzene
DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C SIM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: N74797.D

Analysis Method: 8260C SIM Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 11:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.020	0.018
123-91-1	1,4-Dioxane	0.58	U	2.0	0.58
106-93-4	Ethylene Dibromide	0.010	U	0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		10-150
460-00-4	4-Bromofluorobenzene	100		26-150

Report Date: 21-Jun-2014 07:09:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74797.D
Lims ID: 460-78044-A-8 Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 20-Jun-2014 11:07:30 ALS Bottle#: 8 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-A-8
Misc. Info.: 460-0014812-013
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 12:20:41

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	30979	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	21653	100.0	
*	3 Chlorobenzene-d5	82	7.593	7.594	-0.001	99	11287	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.620	-0.001	100	9141	0.5433	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	99	9284	0.5016	

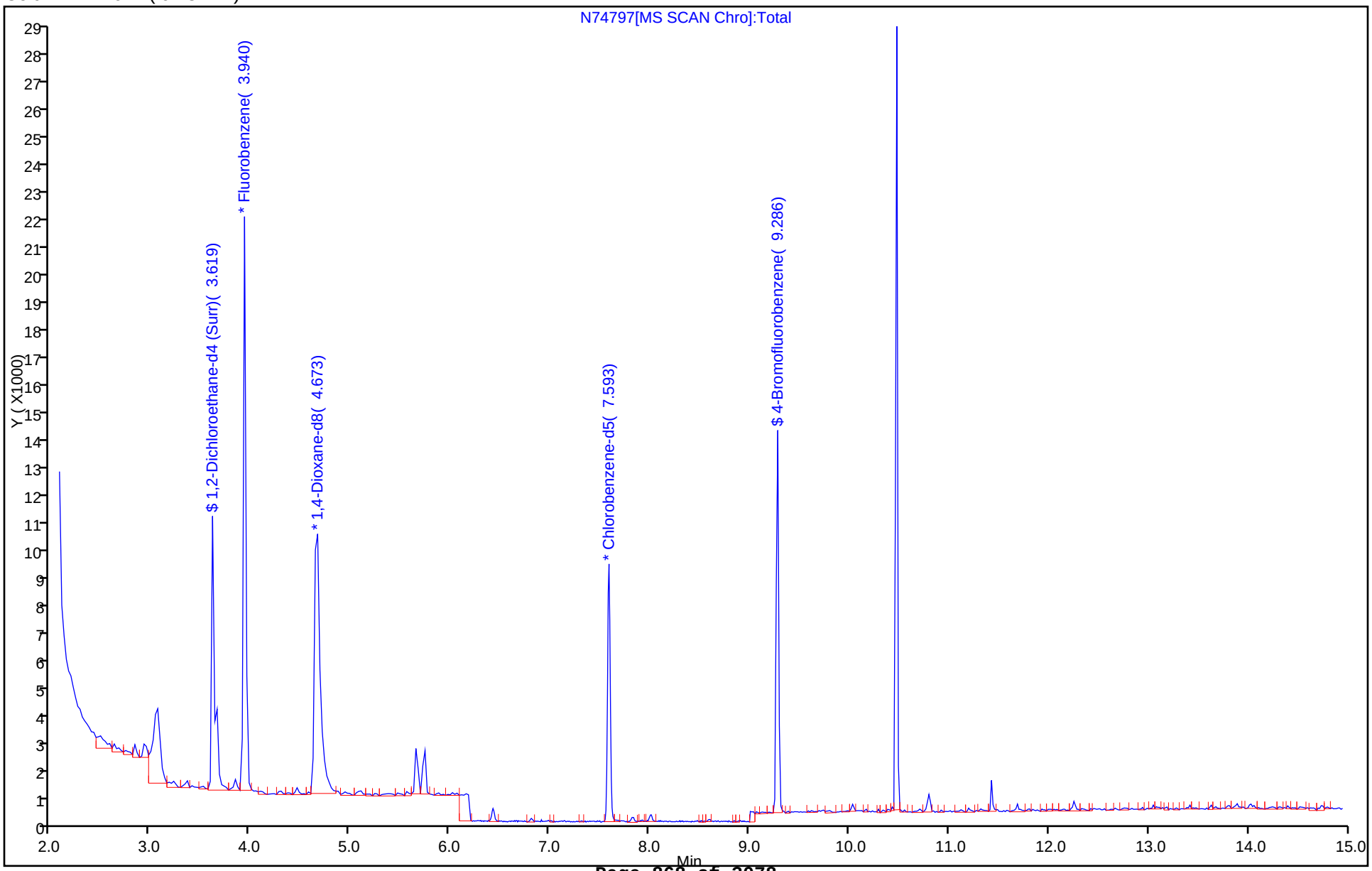
Report Date: 21-Jun-2014 07:09:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74797.D

Injection Date:	20-Jun-2014 11:07:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-78044-A-8	Lab Sample ID:	460-78044-8	Worklist Smp#:	13
Client ID:	TWP-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: N74798.D

Analysis Method: 8260C SIM Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 11:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.020	0.018
123-91-1	1,4-Dioxane	0.58	U	2.0	0.58
106-93-4	Ethylene Dibromide	0.010	U	0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		10-150
460-00-4	4-Bromofluorobenzene	102		26-150

Report Date: 21-Jun-2014 07:09:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74798.D
Lims ID: 460-78044-A-9 Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 20-Jun-2014 11:32:30 ALS Bottle#: 9 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-A-9
Misc. Info.: 460-0014812-014
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 12:20:55

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	33062	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	22397	100.0	
*	3 Chlorobenzene-d5	82	7.593	7.594	-0.001	100	12213	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.620	-0.001	99	9614	0.5355	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	96	10223	0.5105	

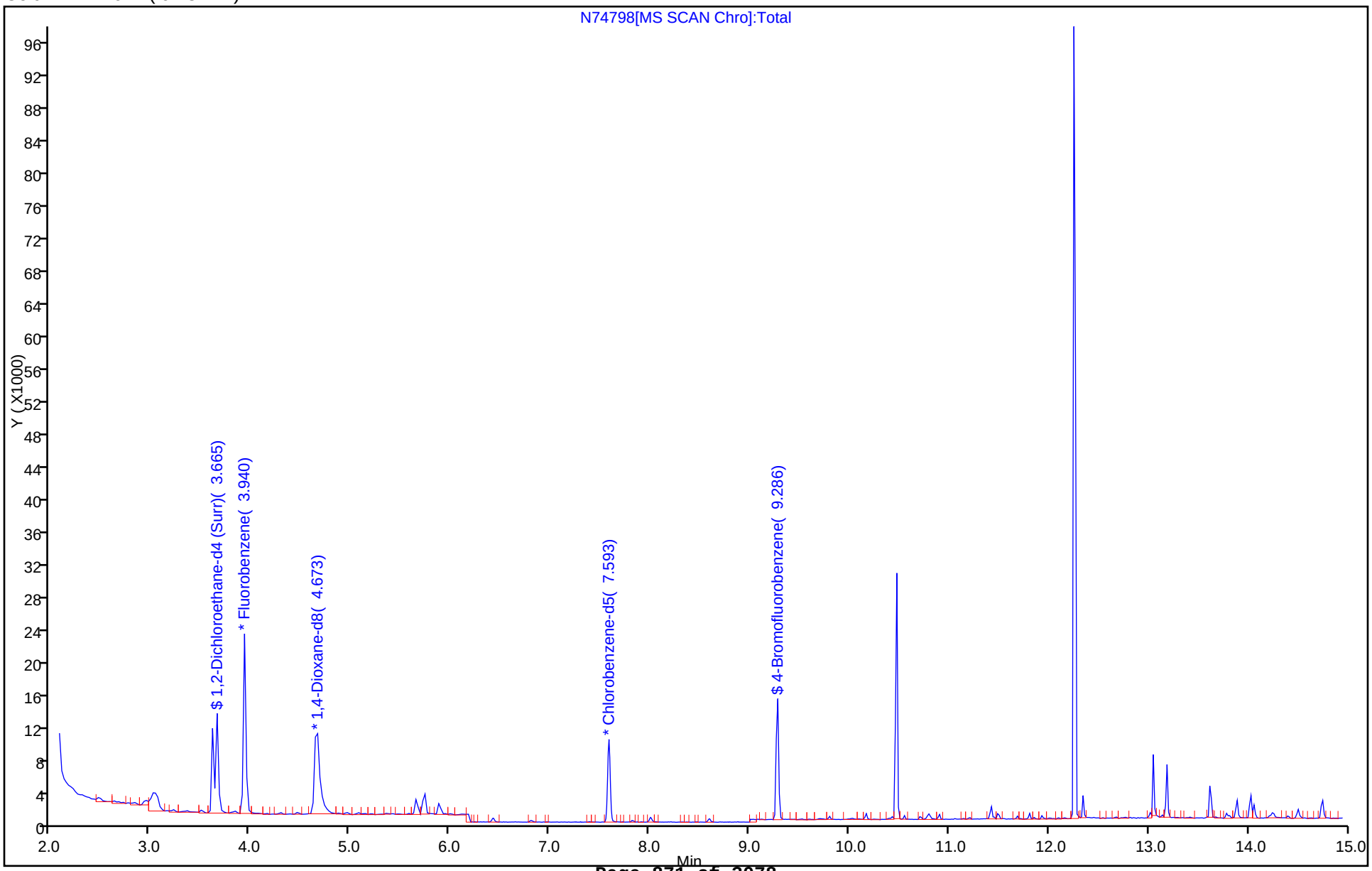
Report Date: 21-Jun-2014 07:09:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74798.D

Injection Date:	20-Jun-2014 11:32:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-78044-A-9	Lab Sample ID:	460-78044-9	Worklist Smp#:	14
Client ID:	TWP-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Matrix: Water Lab File ID: N74799.D

Analysis Method: 8260C SIM Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.020	0.018
123-91-1	1,4-Dioxane	0.58	U	2.0	0.58
106-93-4	Ethylene Dibromide	0.010	U	0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		10-150
460-00-4	4-Bromofluorobenzene	98		26-150

Report Date: 21-Jun-2014 07:09:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74799.D
Lims ID: 460-78044-A-10 Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 20-Jun-2014 11:58:30 ALS Bottle#: 10 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-A-10
Misc. Info.: 460-0014812-015
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 12:21:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	28684	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	20337	100.0	
* 3 Chlorobenzene-d5	82	7.594	7.594	0.000	99	10699	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.620	-0.001	98	8425	0.5409	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	98	8557	0.4877	

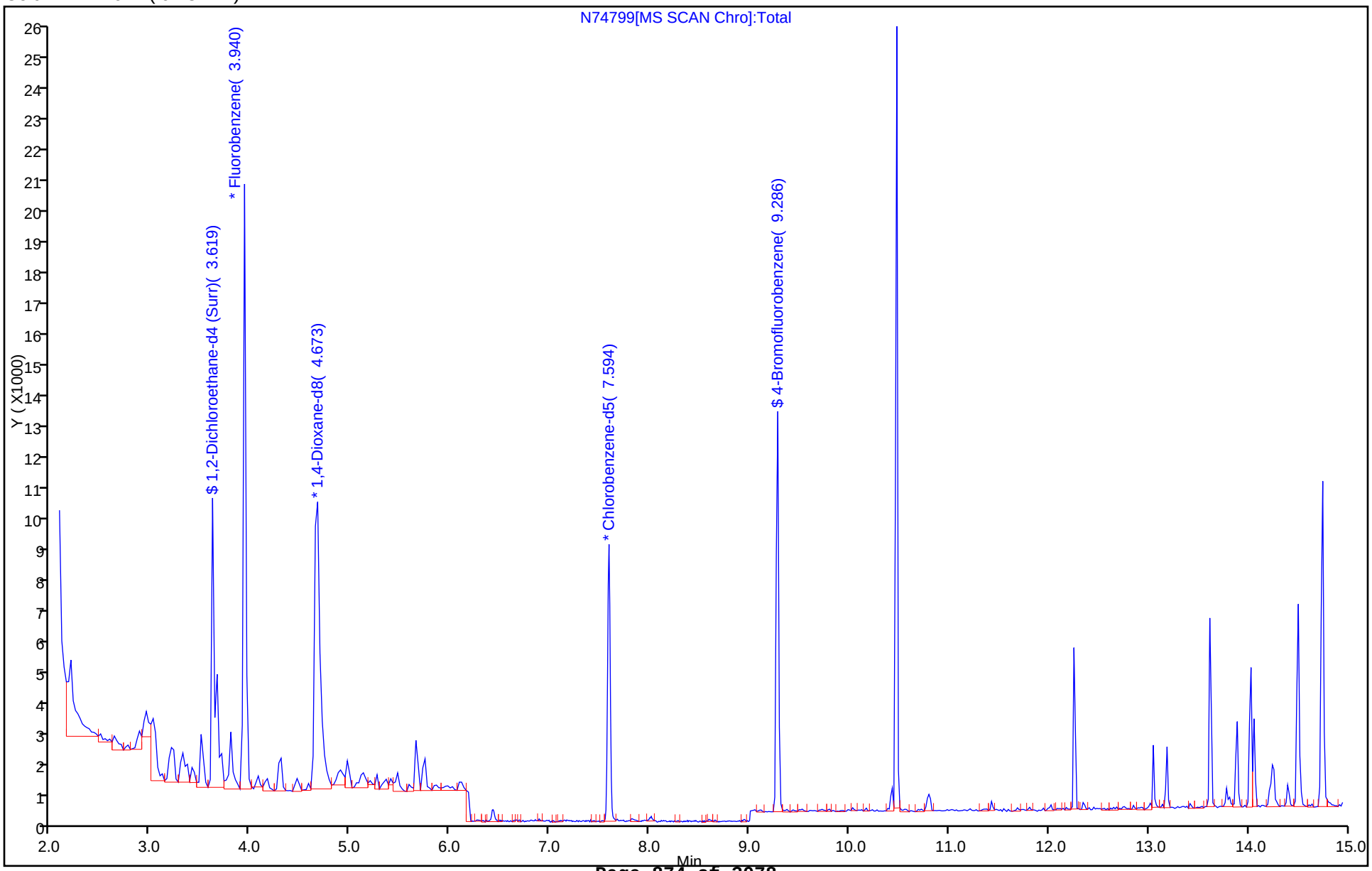
Report Date: 21-Jun-2014 07:09:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74799.D

Injection Date:	20-Jun-2014 11:58:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-78044-A-10	Lab Sample ID:	460-78044-10	Worklist Smp#:	15
Client ID:	TWP-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Matrix: Water Lab File ID: N74800.D

Analysis Method: 8260C SIM Date Collected: 06/18/2014 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.020	0.018
123-91-1	1,4-Dioxane	0.58	U	2.0	0.58
106-93-4	Ethylene Dibromide	0.010	U	0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		10-150
460-00-4	4-Bromofluorobenzene	95		26-150

Report Date: 21-Jun-2014 07:09:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74800.D
Lims ID: 460-78044-A-11 Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 20-Jun-2014 12:24:30 ALS Bottle#: 11 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-78044-A-11
Misc. Info.: 460-0014812-016
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 13:22:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	99	34612	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	22419	100.0	
* 3 Chlorobenzene-d5	82	7.594	7.594	0.000	99	12961	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.620	0.000	99	9324	0.4961	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	95	10070	0.4738	

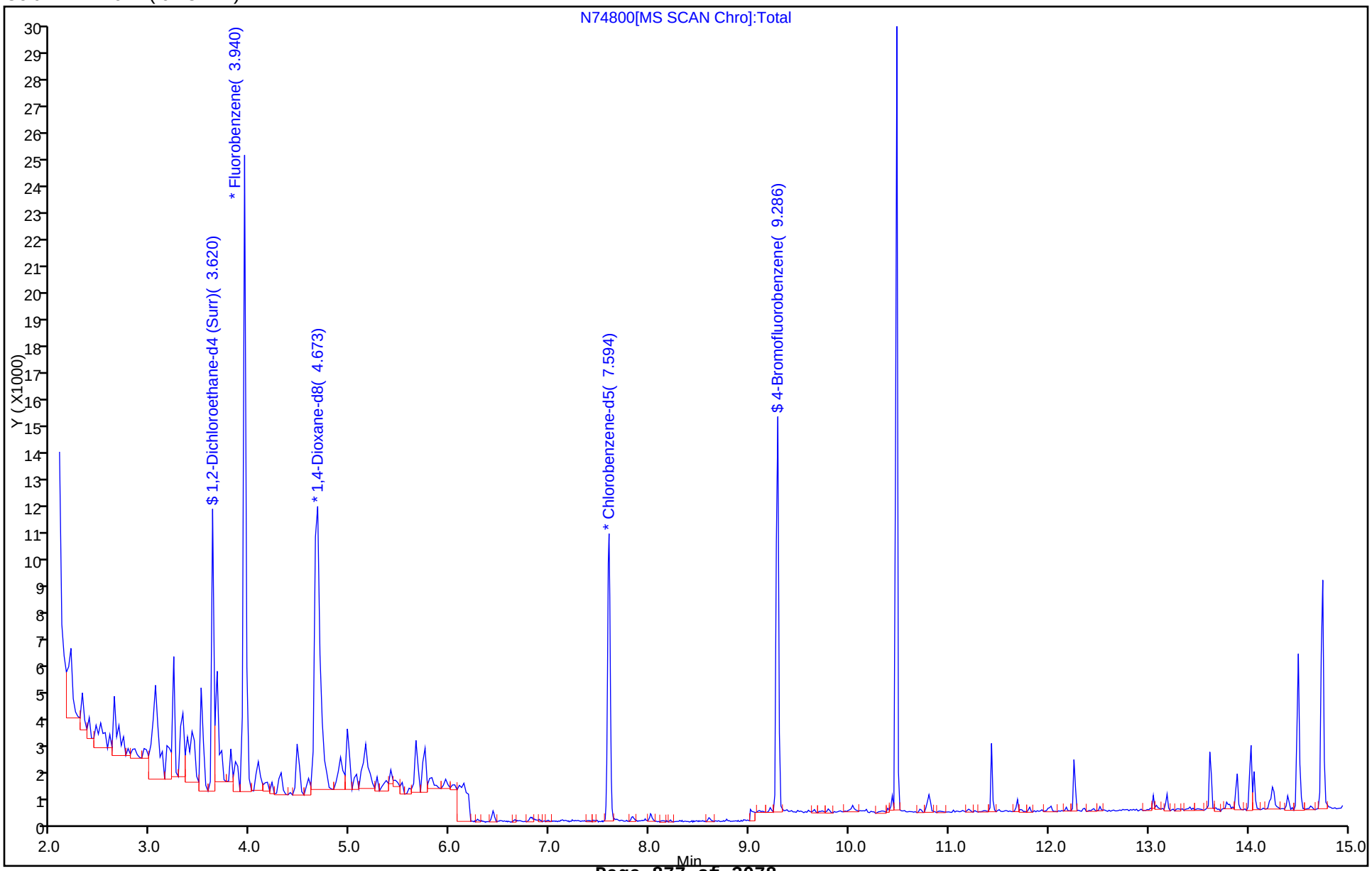
Report Date: 21-Jun-2014 07:09:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74800.D

Injection Date:	20-Jun-2014 12:24:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-78044-A-11	Lab Sample ID:	460-78044-11	Worklist Smp#:	16
Client ID:	TWP-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 230332

SDG No.:

Instrument ID: CVOAMS11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2014 22:28 Calibration End Date: 06/13/2014 00:36 Calibration ID: 40001

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-230332/4	N74616.D
Level 2	STD005 460-230332/5	N74617.D
Level 3	STD01 460-230332/6	N74618.D
Level 4	STD05 460-230332/7	N74619.D
Level 5	STD1 460-230332/8	N74620.D
Level 6	STD2 460-230332/9	N74621.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								
Chloroform	0.4850 0.3335	0.3348	0.3902	0.3246	0.3204	Ave		0.3648			0.2000	18.0		20.0			
Benzene	1.4184 0.4481	0.8237	0.7088	0.4492	0.4454	QuaF		0.4553	-0.004	*	0.5000				0.9980		0.9900
1,4-Dioxane	1.6279 1.2622	1.3799	1.3092	1.1604	1.2681	Ave		1.3346				12.0		20.0			
Ethylene Dibromide	0.4204 0.3586	0.3755	0.3932	0.3518	0.3520	Ave		0.3753			0.1000	7.3		20.0			
1,2-Dibromo-3-Chloropropane	0.2323 0.1958	0.2147	0.2167	0.1787	0.1804	Ave		0.2031			0.0500	11.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2690 0.2783	0.2743	0.2740	0.2678	0.2658	Ave		0.2715				1.7		20.0			
4-Bromofluorobenzene	0.8562 0.8415	0.8017	0.8028	0.7970	0.8199	Ave		0.8199				3.0		20.0			

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.: 460-78044-1 Analy Batch No.: 230332

SDG No.:

Instrument ID: CVOAMS11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2014 22:28 Calibration End Date: 06/13/2014 00:36 Calibration ID: 40001

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-230332/4	N74616.D
Level 2	STD005 460-230332/5	N74617.D
Level 3	STD01 460-230332/6	N74618.D
Level 4	STD05 460-230332/7	N74619.D
Level 5	STD1 460-230332/8	N74620.D
Level 6	STD2 460-230332/9	N74621.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
Chloroform	FB	Ave	687 47906	1210	2592	11850	23335	0.0200 2.00	0.0500	0.100	0.500	1.00
Benzene	FB	QuaF	2009 64370	2977	4708	16398	32443	0.0200 2.00	0.0500	0.100	0.500	1.00
1,4-Dioxane	DXE	Ave	693 13296	1564	2845	5471	8905	2.00 40.0	5.00	10.0	20.0	30.0
Ethylene Dibromide	CBZ	Ave	219 19961	530	1020	5022	9869	0.0200 2.00	0.0500	0.100	0.500	1.00
1,2-Dibromo-3-Chloropropane	CBZ	Ave	121 10900	303	562	2551	5057	0.0200 2.00	0.0500	0.100	0.500	1.00
1,2-Dichloroethane-d4 (Surr)	FB	Ave	9525 9995	9912	9100	9775	9680	0.500 0.500	0.500	0.500	0.500	0.500
4-Bromofluorobenzene	CBZ	Ave	11150 11711	11315	10412	11377	11494	0.500 0.500	0.500	0.500	0.500	0.500

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Report Date: 13-Jun-2014 10:38:26 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74616.D
Lims ID: STD002
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Jun-2014 22:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD002
Misc. Info.: 460-0014511-004
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:25 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:05:35

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	35409	0.5000	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	21285	100.0	100.0	
*	3 Chlorobenzene-d5	82	7.594	7.593	0.001	100	13022	0.5000	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.619	0.001	99	9525	0.5000	0.4953	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	95	11150	0.5000	0.5222	
	7 Chloroform	83	3.207	3.207	0.000	96	687	0.0200	0.0266	
	8 Benzene	78	3.665	3.665	0.000	97	2009	0.0200	0.0623	
	9 1,4-Dioxane	88	4.719	4.719	0.000	24	693	2.00	2.44	
	10 Ethylene Dibromide	107	6.924	6.923	0.001	88	219	0.0200	0.0224	
	11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	92	121	0.0200	0.0229	

Reagents:

VMMIX1SIM_00054 Amount Added: 1.00 Units: uL
14DIOXINTER_00018 Amount Added: 2.00 Units: uL
SIM IS/SURR_00012 Amount Added: 1.00 Units: uL Run Reagent

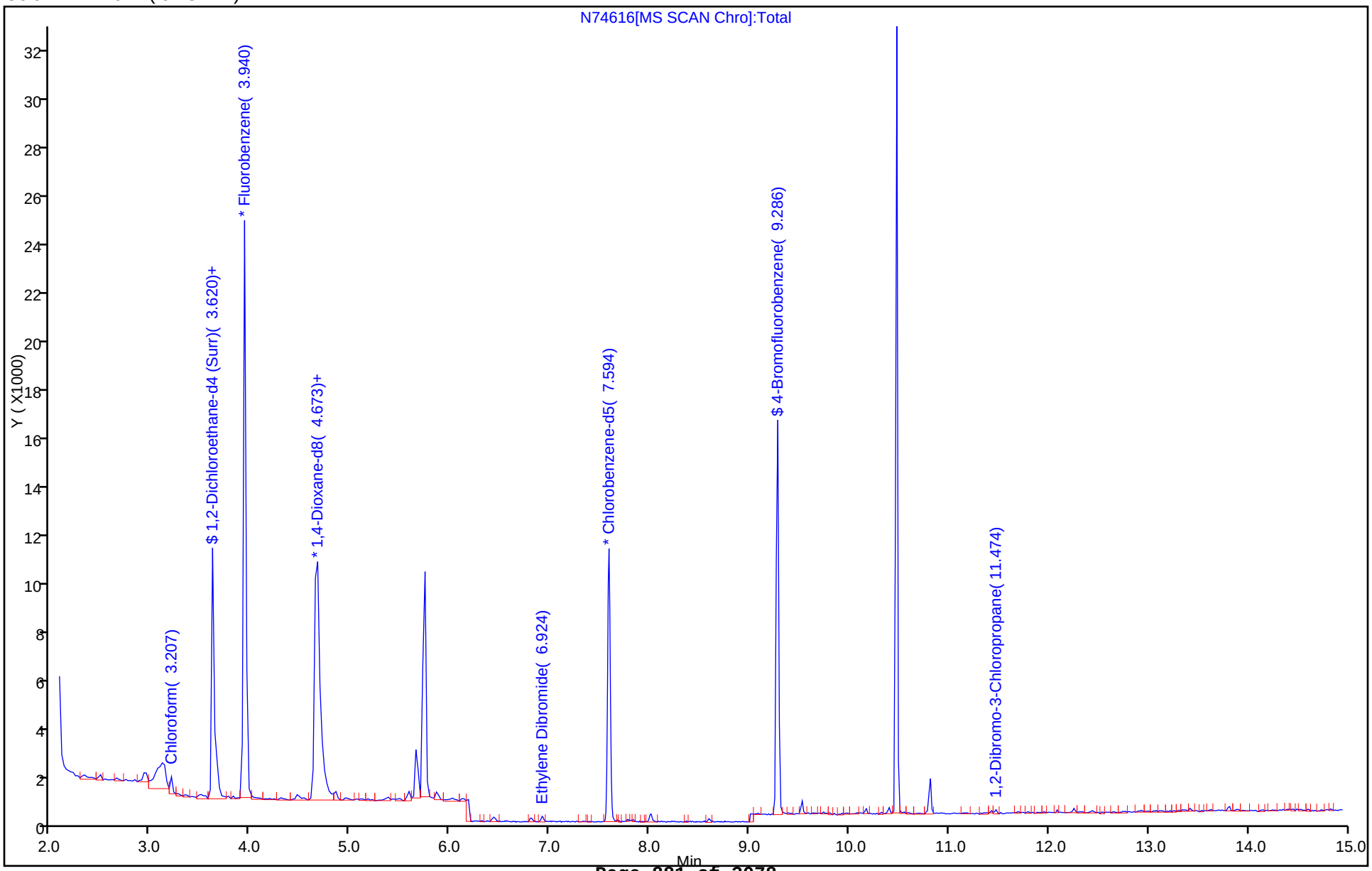
Report Date: 13-Jun-2014 10:38:26 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74616.D

Injection Date:	12-Jun-2014 22:28:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD002			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74617.D
Lims ID: STD005
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Jun-2014 22:53:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD005
Misc. Info.: 460-0014511-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:27 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:05:59

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	36140	0.5000	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	22669	100.0	100.0	
*	3 Chlorobenzene-d5	82	7.594	7.593	0.001	100	14113	0.5000	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.619	0.001	99	9912	0.5000	0.5050	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	97	11315	0.5000	0.4889	
	7 Chloroform	83	3.207	3.207	0.000	100	1210	0.0500	0.0459	
	8 Benzene	78	3.665	3.665	0.000	98	2977	0.0500	0.0905	
	9 1,4-Dioxane	88	4.719	4.719	0.000	56	1564	5.00	5.17	
	10 Ethylene Dibromide	107	6.924	6.923	0.001	94	530	0.0500	0.0500	
	11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	90	303	0.0500	0.0529	

Reagents:

VMMIX1SIM_00054 Amount Added: 0.50 Units: uL
14DIOXINTER_00018 Amount Added: 1.00 Units: uL
SIM IS/SURR_00012 Amount Added: 1.00 Units: uL Run Reagent

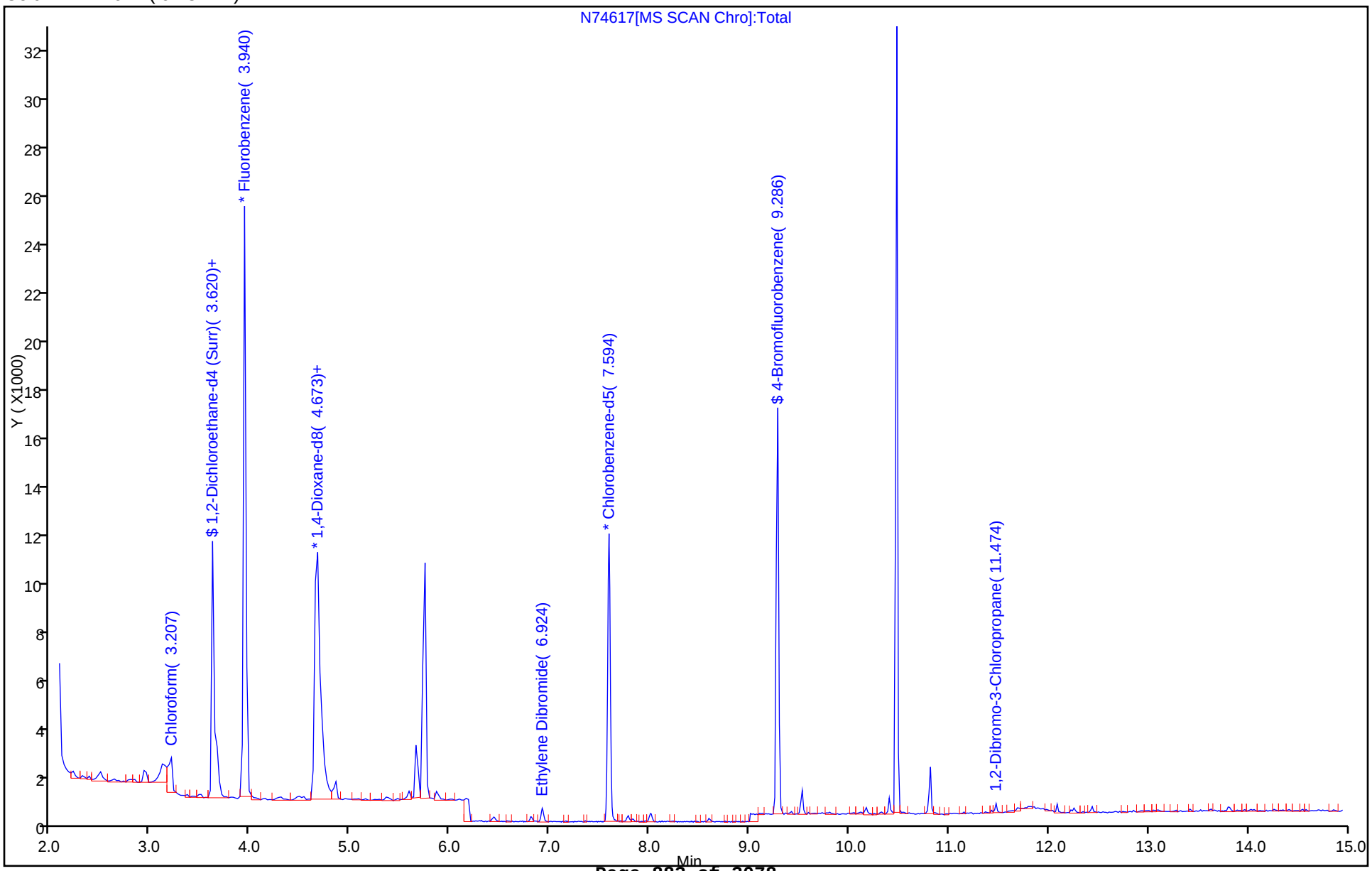
Report Date: 13-Jun-2014 10:38:27 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74617.D

Injection Date:	12-Jun-2014 22:53:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD005			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 13-Jun-2014 10:38:28 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74618.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Jun-2014 23:19:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD01
Misc. Info.: 460-0014511-006
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:27 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:07:09

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	33210	0.5000	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	99	21731	100.0	100.0	
*	3 Chlorobenzene-d5	82	7.593	7.593	0.000	100	12969	0.5000	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.619	0.000	99	9100	0.5000	0.5046	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	98	10412	0.5000	0.4896	
	7 Chloroform	83	3.207	3.207	0.000	100	2592	0.1000	0.1070	
	8 Benzene	78	3.665	3.665	0.000	100	4708	0.1000	0.1559	
	9 1,4-Dioxane	88	4.719	4.719	0.000	71	2845	10.0	9.81	
	10 Ethylene Dibromide	107	6.924	6.924	0.000	97	1020	0.1000	0.1048	
	11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	94	562	0.1000	0.1067	

Reagents:

VMMIX1SIM_00054	Amount Added:	0.50	Units: uL	
14DIOXINTER_00018	Amount Added:	1.00	Units: uL	
SIM IS/SURR_00012	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Jun-2014 10:38:28 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74618.D

Injection Date: 12-Jun-2014 23:19:30 Instrument ID: CVOAMS11 Operator ID:

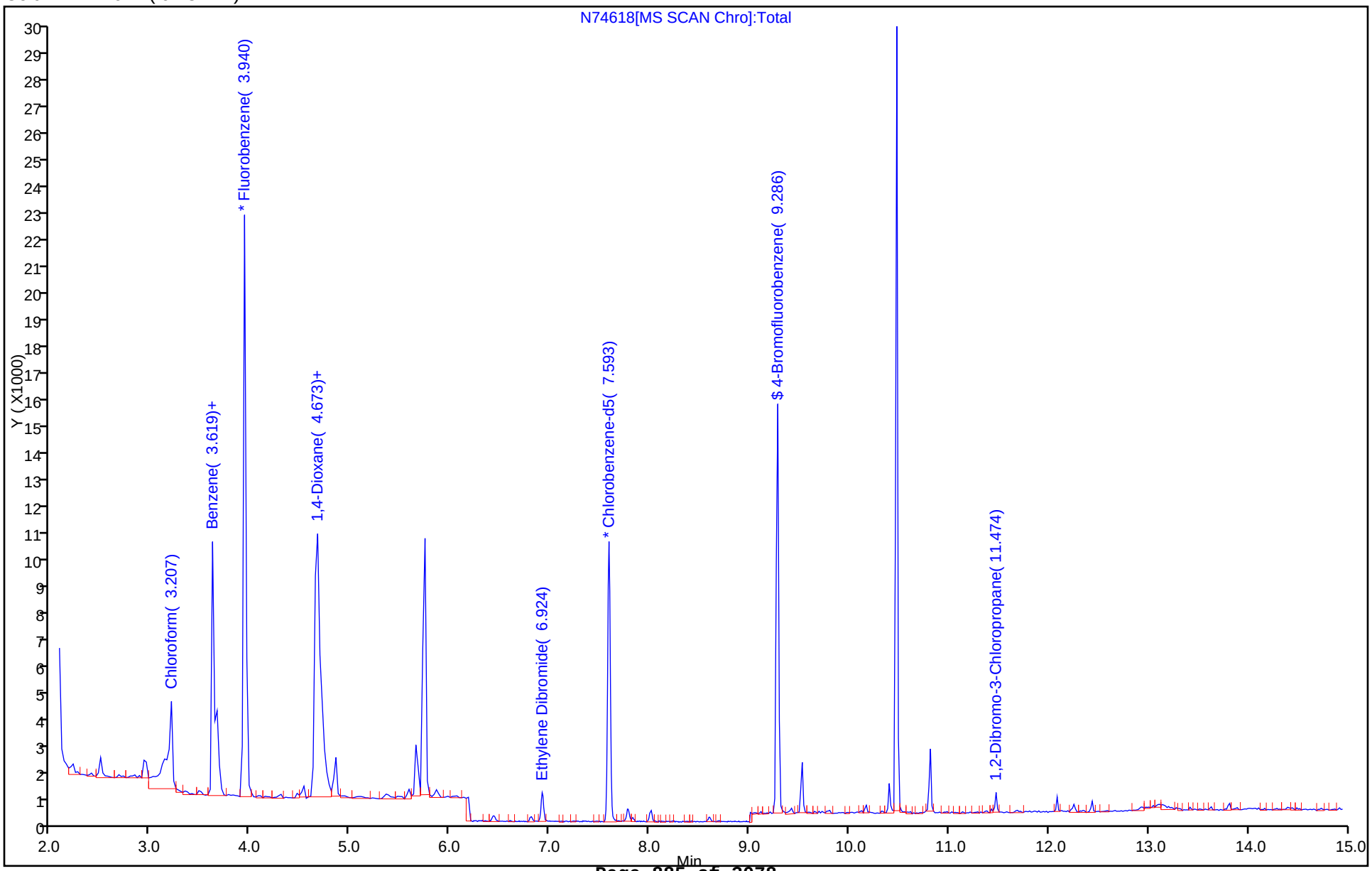
Lims ID: STD01 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260SIMW11 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 13-Jun-2014 10:38:28 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74619.D
Lims ID: STD05
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 12-Jun-2014 23:44:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0014511-007
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:28 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:07:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	36504	0.5000	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	91	23574	100.0	100.0	
* 3 Chlorobenzene-d5	82	7.593	7.593	0.000	100	14274	0.5000	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.619	0.000	98	9775	0.5000	0.4931	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	94	11377	0.5000	0.4861	
7 Chloroform	83	3.207	3.207	0.000	100	11850	0.5000	0.4450	
8 Benzene	78	3.665	3.665	0.000	100	16398	0.5000	0.4955	
9 1,4-Dioxane	88	4.719	4.719	0.000	89	5471	20.0	17.4	
10 Ethylene Dibromide	107	6.923	6.923	0.000	97	5022	0.5000	0.4688	
11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	87	2551	0.5000	0.4400	

Reagents:

VMMIX1SIM_00054 Amount Added: 2.50 Units: uL
14DIOXINTER_00018 Amount Added: 2.00 Units: uL
SIM IS/SURR_00012 Amount Added: 1.00 Units: uL Run Reagent

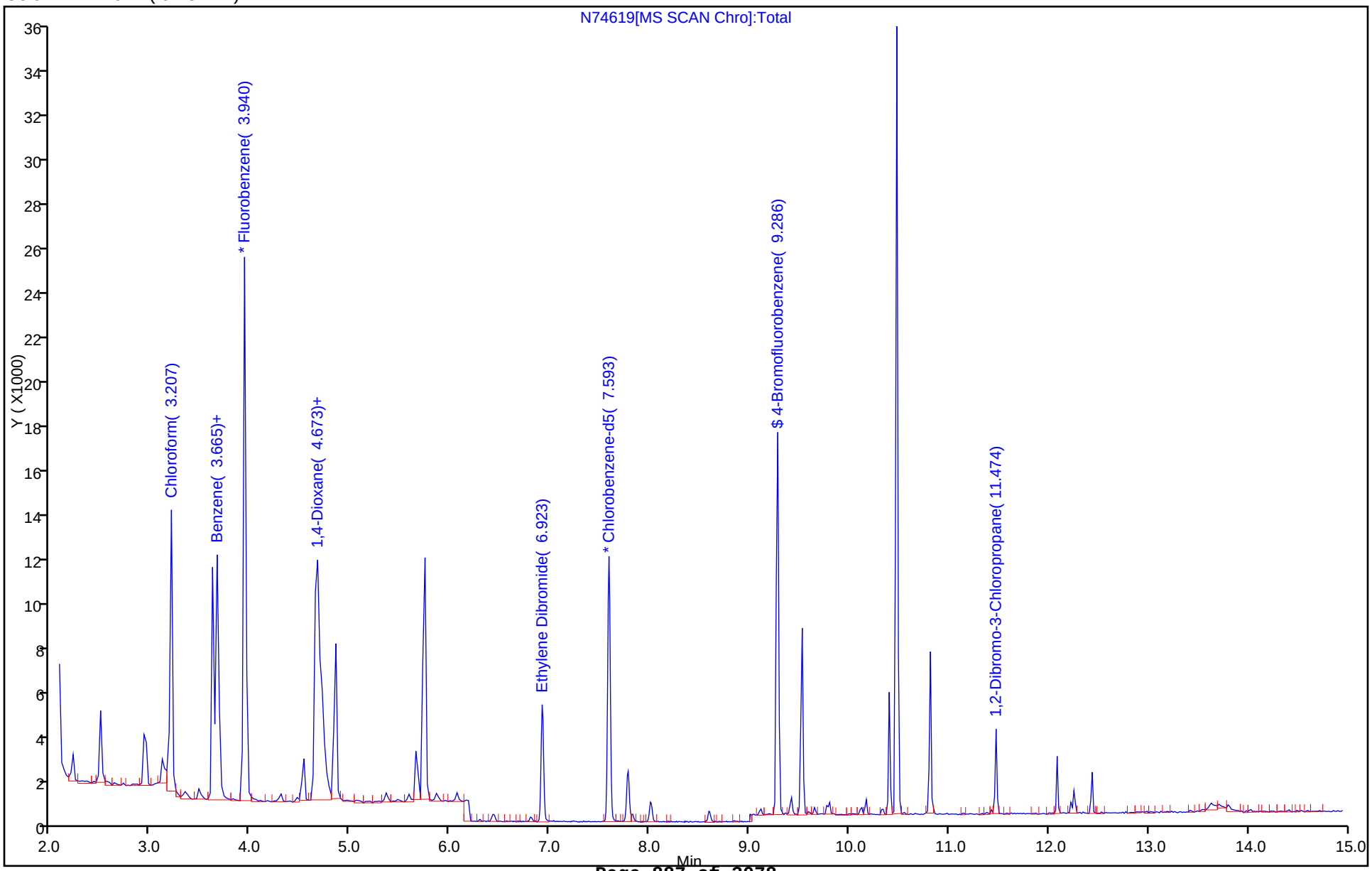
Report Date: 13-Jun-2014 10:38:29 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74619.D

Injection Date:	12-Jun-2014 23:44:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 13-Jun-2014 10:38:29 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74620.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Jun-2014 00:10:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0014511-008
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:29 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:07:31

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	36416	0.5000	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	23408	100.0	100.0	
*	3 Chlorobenzene-d5	82	7.594	7.593	0.001	99	14018	0.5000	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.619	0.000	99	9680	0.5000	0.4895	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	99	11494	0.5000	0.5000	
	7 Chloroform	83	3.207	3.207	0.000	100	23335	1.00	0.8784	
	8 Benzene	78	3.665	3.665	0.000	100	32443	1.00	0.9869	
	9 1,4-Dioxane	88	4.719	4.719	0.000	56	8905	30.0	28.5	
	10 Ethylene Dibromide	107	6.924	6.923	0.001	97	9869	1.00	0.9380	
	11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	100	5057	1.00	0.8881	

Reagents:

VMMIX1SIM_00054	Amount Added:	5.00	Units: uL	
14DIOXINTER_00018	Amount Added:	3.00	Units: uL	
SIM IS/SURR_00012	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Jun-2014 10:38:29 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74620.D

Injection Date: 13-Jun-2014 00:10:30 Instrument ID: CVOAMS11 Operator ID:

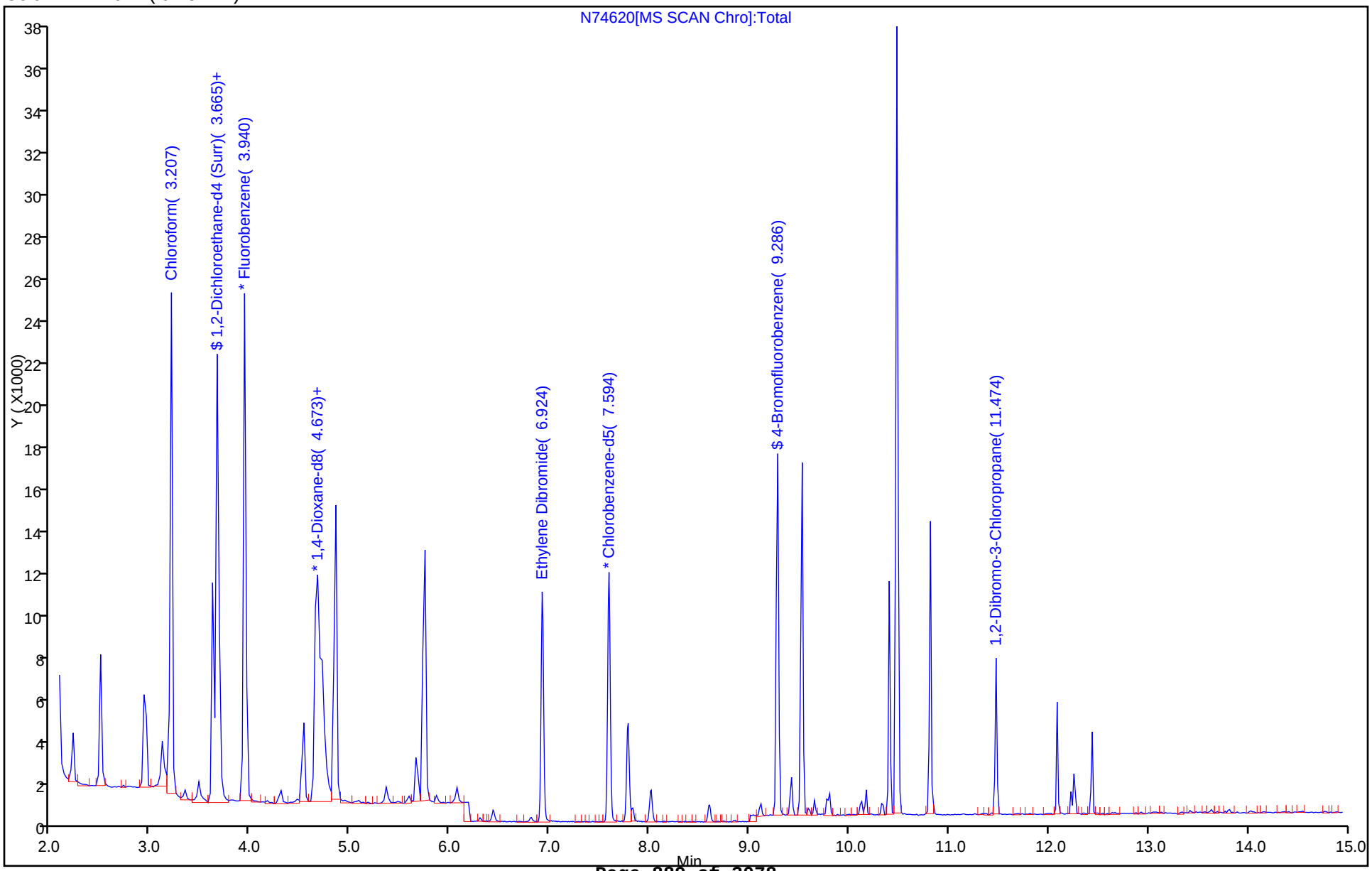
Lims ID: STD1 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260SIMW11 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 13-Jun-2014 10:38:30 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Jun-2014 00:36:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD2
Misc. Info.: 460-0014511-009
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 10:38:30 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 13-Jun-2014 08:07:39

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	3.940	3.940	0.000	100	35913	0.5000	0.5000	
*	2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	26334	100.0	100.0	
*	3 Chlorobenzene-d5	82	7.594	7.593	0.001	100	13916	0.5000	0.5000	
$	4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.619	0.001	99	9995	0.5000	0.5125	
$	5 4-Bromofluorobenzene	174	9.286	9.286	0.000	98	11711	0.5000	0.5132	
	7 Chloroform	83	3.207	3.207	0.000	100	47906	2.00	1.83	
	8 Benzene	78	3.665	3.665	0.000	100	64370	2.00	2.00	
	9 1,4-Dioxane	88	4.719	4.719	0.000	53	13296	40.0	37.8	
	10 Ethylene Dibromide	107	6.924	6.923	0.001	99	19961	2.00	1.91	
	11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	99	10900	2.00	1.93	

Reagents:

VMMIX1SIM_00054 Amount Added: 10.00 Units: uL
14DIOXINTER_00018 Amount Added: 4.00 Units: uL
SIM IS/SURR_00012 Amount Added: 1.00 Units: uL Run Reagent

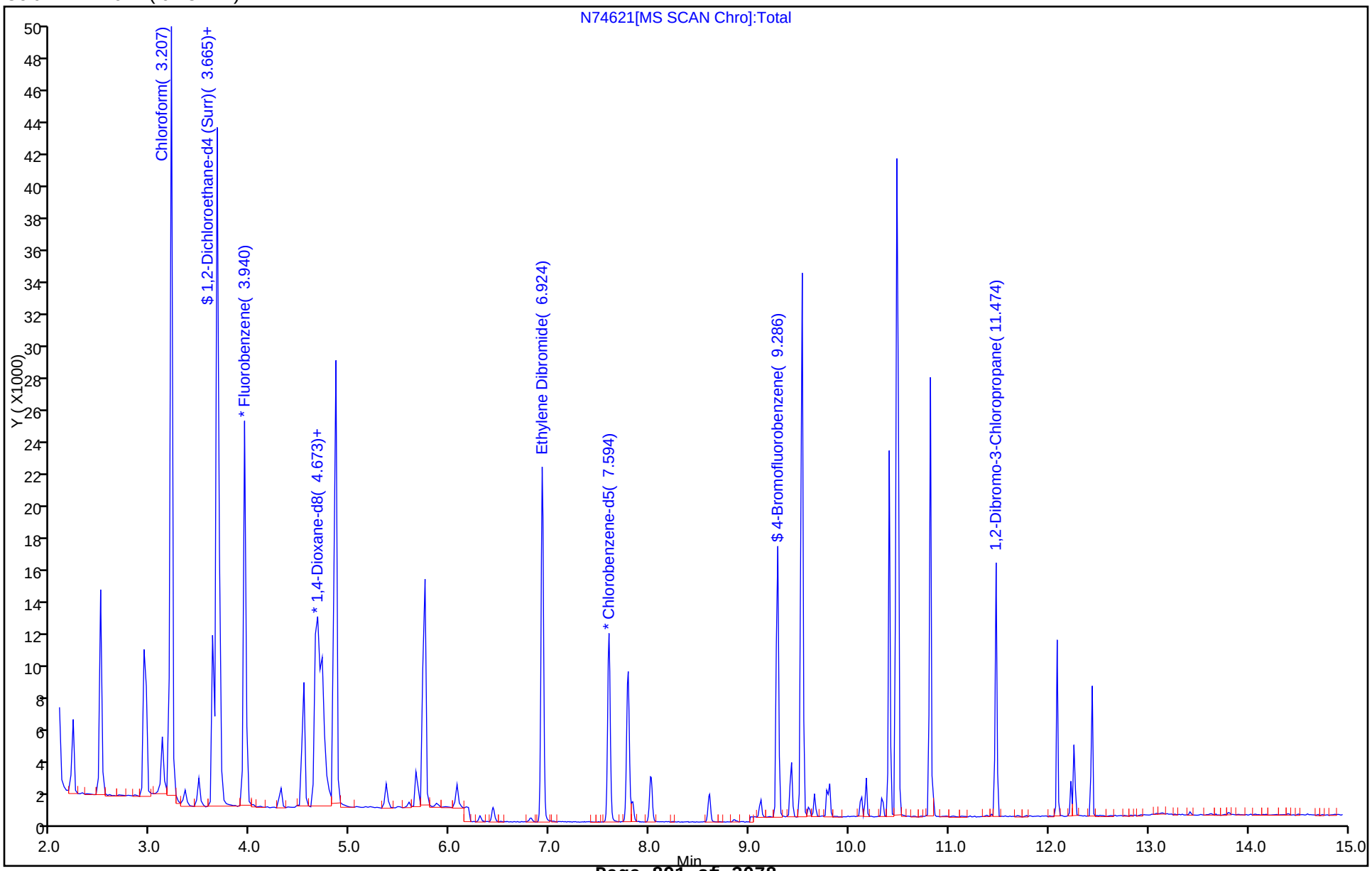
Report Date: 13-Jun-2014 10:38:30 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Injection Date:	13-Jun-2014 00:36:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-231807/3 Calibration Date: 06/20/2014 06:39

Instrument ID: CVOAMS11 Calib Start Date: 06/12/2014 22:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 06/13/2014 00:36

Lab File ID: N74787.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
Chloroform	Ave	0.3648	0.3439	0.2000	0.471	0.500	-5.7	20.0
Benzene	QuaF		0.5289	0.5000	0.584	0.500	16.8	20.0
1,4-Dioxane	Ave	1.335	1.562		23.4	20.0	17.0	20.0
Ethylene Dibromide	Ave	0.3753	0.3674	0.1000	0.490	0.500	-2.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2031	0.1952	0.0500	0.481	0.500	-3.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2715	0.2762		0.509	0.500	1.7	20.0
4-Bromofluorobenzene	Ave	0.8199	0.8282		0.505	0.500	1.0	20.0

Report Date: 21-Jun-2014 07:10:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74787.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Jun-2014 06:39:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0014812-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260SIMW11*sub2

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:10:04 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: desais Date: 21-Jun-2014 07:08:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	34328	0.5000	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	23585	100.0	100.0	
* 3 Chlorobenzene-d5	82	7.594	7.594	0.000	100	13279	0.5000	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.620	0.000	100	9482	0.5000	0.5086	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	100	10997	0.5000	0.5050	
7 Chloroform	83	3.207	3.207	0.000	100	11806	0.5000	0.4714	
8 Benzene	78	3.665	3.665	0.000	100	18156	0.5000	0.5838	
9 1,4-Dioxane	88	4.719	4.719	0.000	89	7368	20.0	23.4	
10 Ethylene Dibromide	107	6.924	6.924	0.000	100	4879	0.5000	0.4895	
11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	98	2592	0.5000	0.4806	

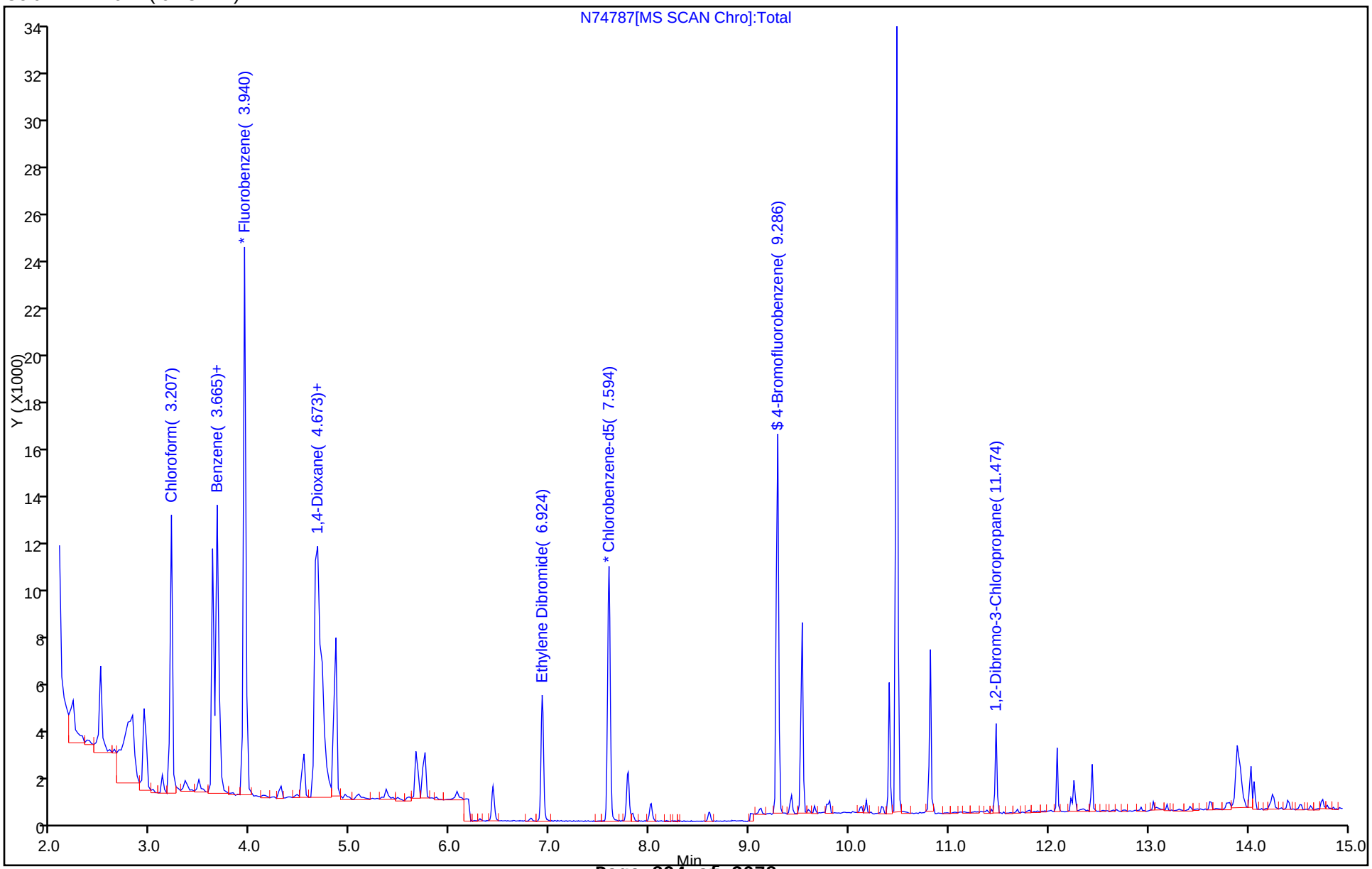
Report Date: 21-Jun-2014 07:10:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74787.D

Injection Date:	20-Jun-2014 06:39:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74613.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Jun-2014 21:11:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014511-001
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Jun-2014 08:21:56 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: starzecm Date: 12-Jun-2014 21:42:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 6 BFB	95	2.348	2.348	0.000	0	9065	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

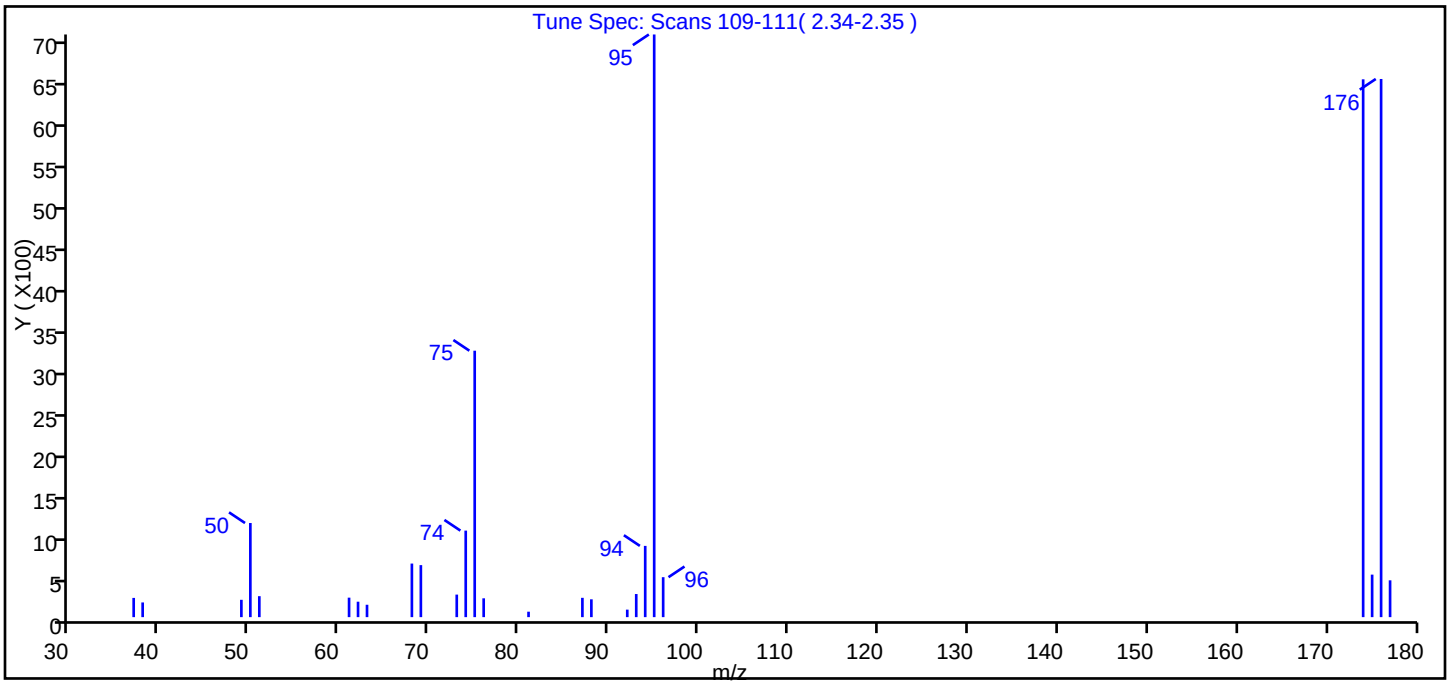
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74613.D
Injection Date: 12-Jun-2014 21:11:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260SIMW11 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 6 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.20
75	30.00 - 60.00% of mass 95	45.70
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	92.30
175	5.00 - 9.00% of mass 174	7.30 (7.90)
176	95.00 - 101.00% of mass 174	92.40 (100.10)
177	5.00 - 9.00% of mass 176	6.30 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74613.D\8260SIMW11.rslt\spectra.d
Injection Date: 12-Jun-2014 21:11:30
Spectrum: Tune Spec: Scans 109-111(2.34-2.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 26

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	233	63.00	150	81.00	66	96.00	484
38.00	178	68.00	649	87.00	234	174.00	6514
49.00	210	69.00	630	88.00	216	175.00	515
50.00	1140	73.00	273	92.00	91	176.00	6518
51.00	254	74.00	1048	93.00	280	177.00	446
61.00	236	75.00	3227	94.00	863		
62.00	187	76.00	228	95.00	7057		

Report Date: 21-Jun-2014 07:10:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74785.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 20-Jun-2014 05:46:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0014812-001
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:10:05 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 05:57:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 6 BFB	95	2.354	2.354	0.000	0	9860	NR	NR	

QC Flag Legend

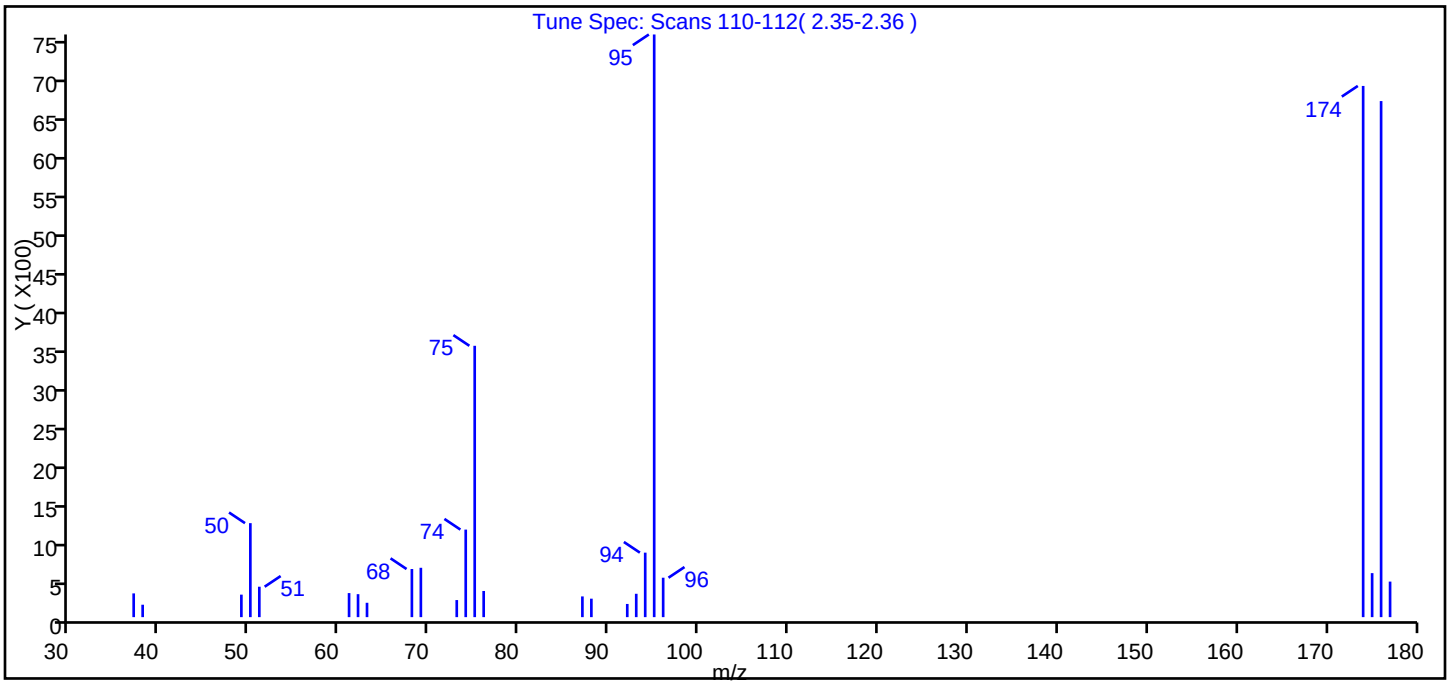
Processing Flags
NR - Missing Quant Standard

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74785.D
Injection Date: 20-Jun-2014 05:46:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260SIMW11 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 6 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.10
75	30.00 - 60.00% of mass 95	46.60
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	91.20
175	5.00 - 9.00% of mass 174	7.60 (8.30)
176	95.00 - 101.00% of mass 174	88.60 (97.20)
177	5.00 - 9.00% of mass 176	6.10 (6.90)

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74785.D\8260SIMW11.rslt\spectra.d
Injection Date: 20-Jun-2014 05:46:30
Spectrum: Tune Spec: Scans 110-112(2.35-2.36)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 25

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	306	63.00	185	87.00	267	174.00	6844
38.00	160	68.00	620	88.00	238	175.00	567
49.00	290	69.00	636	92.00	170	176.00	6649
50.00	1211	73.00	220	93.00	301	177.00	458
51.00	392	74.00	1128	94.00	831		
61.00	310	75.00	3496	95.00	7507		
62.00	296	76.00	337	96.00	508		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-231807/8

Matrix: Water Lab File ID: N74792.D

Analysis Method: 8260C SIM Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 08:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.020	0.018
123-91-1	1,4-Dioxane	0.58	U	2.0	0.58
106-93-4	Ethylene Dibromide	0.010	U	0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		10-150
460-00-4	4-Bromofluorobenzene	100		26-150

Report Date: 21-Jun-2014 07:09:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74792.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2014 08:55:30 ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0014812-008
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 10:01:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	34160	0.5000	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	100	22956	100.0	100.0	
* 3 Chlorobenzene-d5	82	7.593	7.594	-0.001	100	12342	0.5000	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.620	-0.001	99	9551	0.5000	0.5149	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	98	10147	0.5000	0.5014	

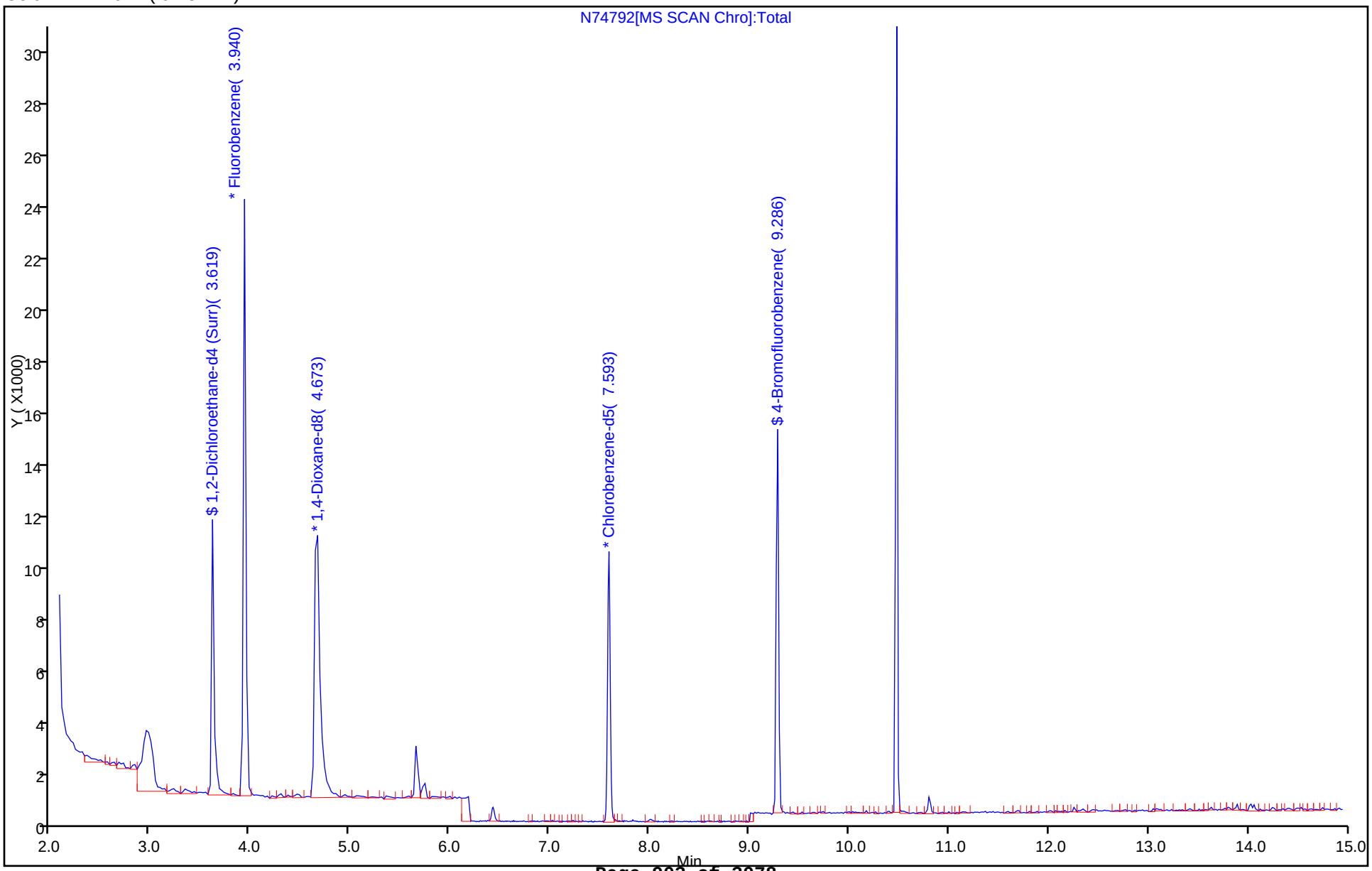
Report Date: 21-Jun-2014 07:09:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74792.D

Injection Date:	20-Jun-2014 08:55:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-231807/4

Matrix: Water Lab File ID: N74788.D

Analysis Method: 8260C SIM Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 07:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.512		0.020	0.018
123-91-1	1,4-Dioxane	22.7		2.0	0.58
106-93-4	Ethylene Dibromide	0.539		0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		10-150
460-00-4	4-Bromofluorobenzene	97		26-150

Report Date: 21-Jun-2014 07:10:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74788.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2014 07:04:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0014812-004
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 07:22:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	31438	0.5000	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	99	21244	100.0	100.0	
* 3 Chlorobenzene-d5	82	7.593	7.594	-0.001	100	11938	0.5000	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.619	3.620	-0.001	99	8702	0.5000	0.5097	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	99	9508	0.5000	0.4857	
7 Chloroform	83	3.207	3.207	0.000	100	11407	0.5000	0.4974	
8 Benzene	78	3.665	3.665	0.000	100	18286	0.5000	0.6424	
9 1,4-Dioxane	88	4.719	4.719	0.000	92	6423	20.0	22.7	
10 Ethylene Dibromide	107	6.924	6.924	0.000	96	4828	0.5000	0.5388	
11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	98	2482	0.5000	0.5118	

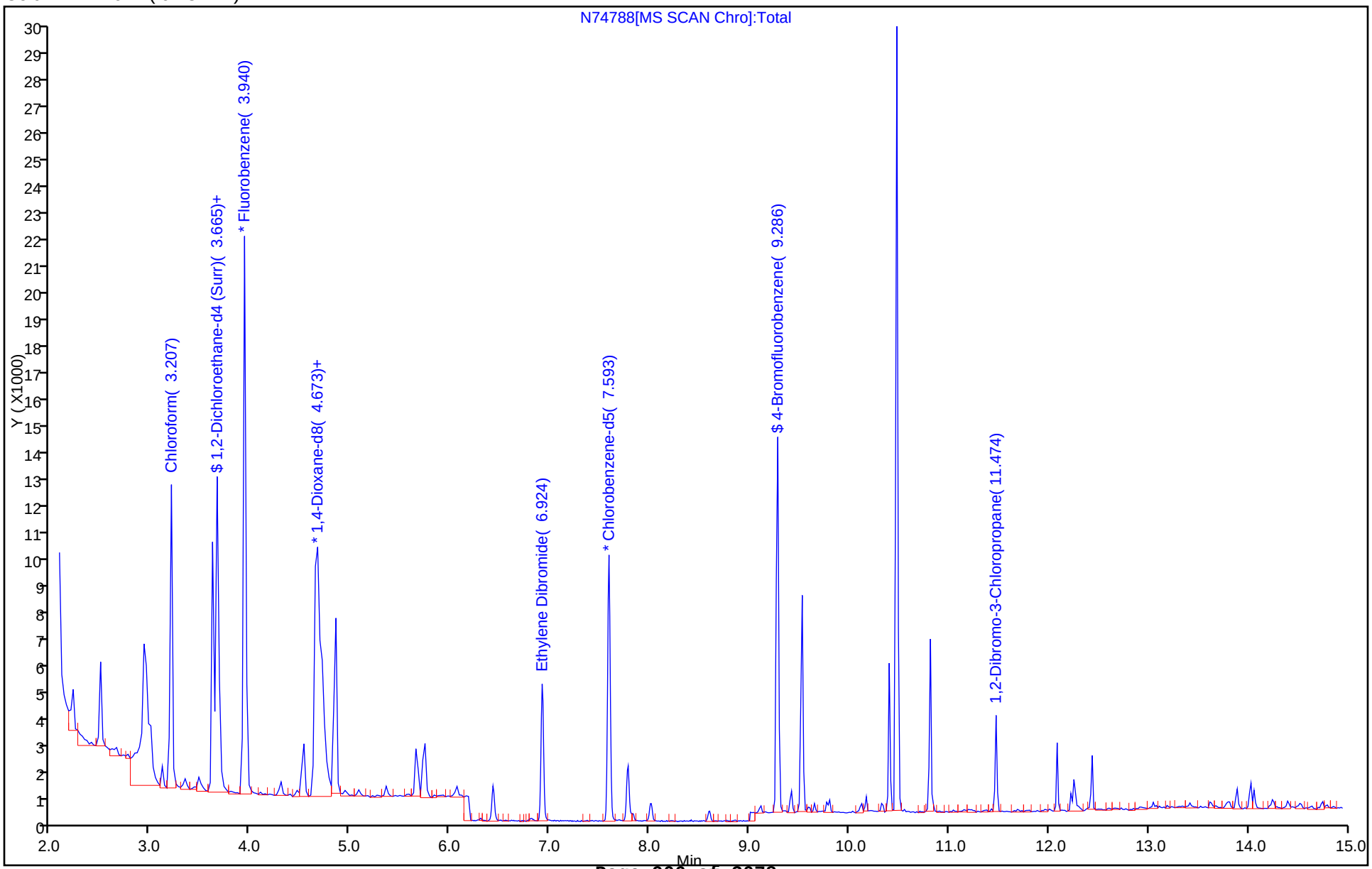
Report Date: 21-Jun-2014 07:10:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74788.D

Injection Date:	20-Jun-2014 07:04:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-231807/5

Matrix: Water Lab File ID: N74789.D

Analysis Method: 8260C SIM Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/20/2014 07:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 231807 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
96-12-8	1,2-Dibromo-3-Chloropropane	0.465		0.020	0.018
123-91-1	1,4-Dioxane	18.1		2.0	0.58
106-93-4	Ethylene Dibromide	0.469		0.020	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		10-150
460-00-4	4-Bromofluorobenzene	98		26-150

Report Date: 21-Jun-2014 07:10:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74789.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Jun-2014 07:30:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0014812-005
Operator ID: Instrument ID: CVOAMS11

Method: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\8260SIMW11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 21-Jun-2014 07:08:38 Calib Date: 13-Jun-2014 00:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS11\20140612-14511.b\N74621.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: moroneyc Date: 20-Jun-2014 07:48:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	3.940	3.940	0.000	100	33975	0.5000	0.5000	
* 2 1,4-Dioxane-d8	96	4.673	4.673	0.000	99	24335	100.0	100.0	
* 3 Chlorobenzene-d5	82	7.586	7.594	-0.008	92	13106	0.5000	0.5000	
$ 4 1,2-Dichloroethane-d4 (Sur	65	3.620	3.620	0.000	99	9735	0.5000	0.5276	
$ 5 4-Bromofluorobenzene	174	9.286	9.286	0.000	97	10584	0.5000	0.4925	
7 Chloroform	83	3.207	3.207	0.000	100	11567	0.5000	0.4667	
8 Benzene	78	3.666	3.665	0.001	100	17223	0.5000	0.5595	
9 1,4-Dioxane	88	4.719	4.719	0.000	95	5890	20.0	18.1	
10 Ethylene Dibromide	107	6.924	6.924	0.000	98	4618	0.5000	0.4695	
11 1,2-Dibromo-3-Chloropropan	157	11.474	11.474	0.000	96	2476	0.5000	0.4651	

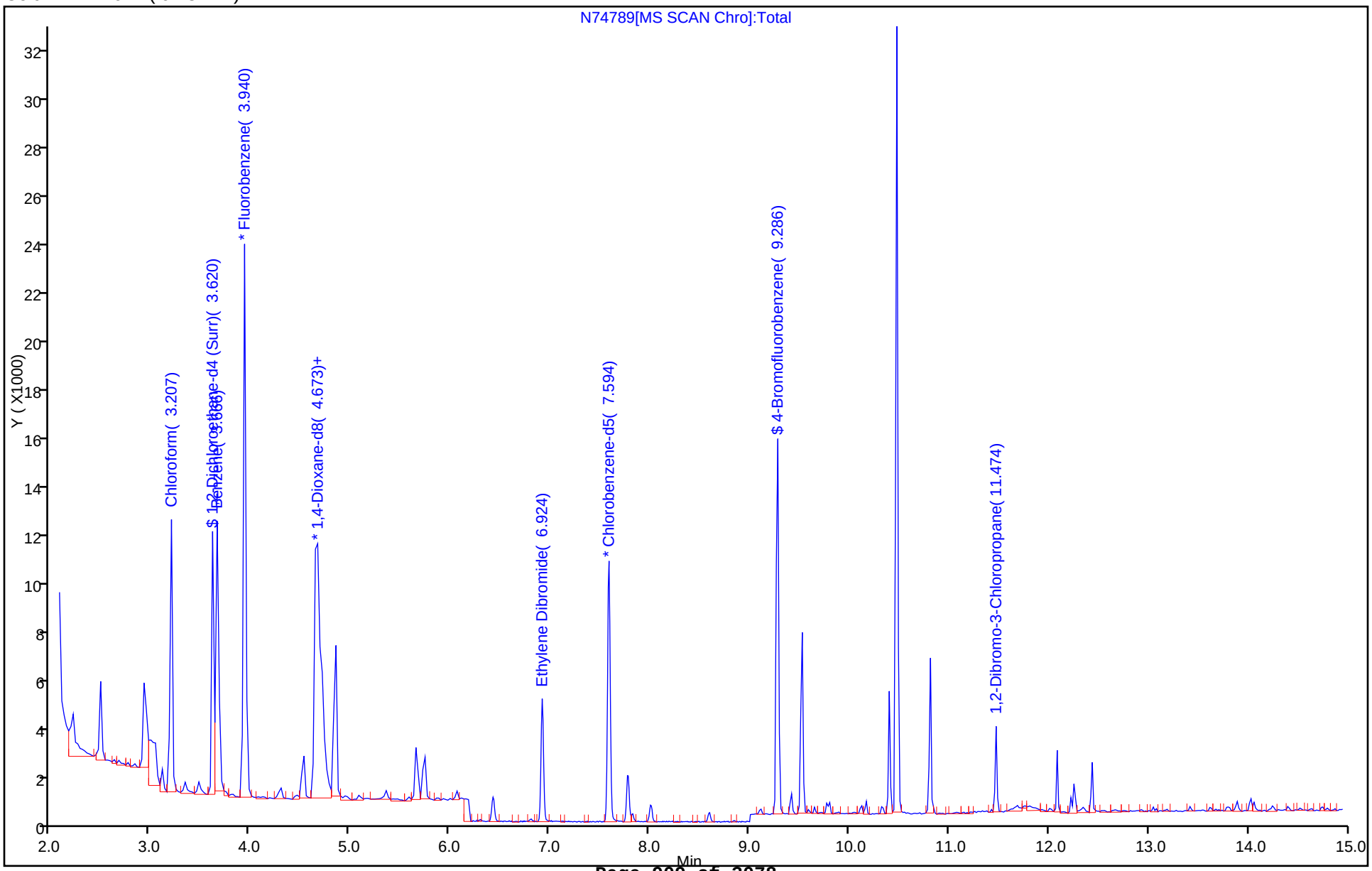
Report Date: 21-Jun-2014 07:10:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS11\20140620-14812.b\N74789.D

Injection Date:	20-Jun-2014 07:30:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260SIMW11	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 06/12/2014 21:11

Analysis Batch Number: 230332 End Date: 06/13/2014 08:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-230332/1		06/12/2014 21:11	1	N74613.D	DB-624 0.18(mm)
STD002 460-230332/4 IC		06/12/2014 22:28	1	N74616.D	DB-624 0.18(mm)
STD005 460-230332/5 IC		06/12/2014 22:53	1	N74617.D	DB-624 0.18(mm)
STD01 460-230332/6 IC		06/12/2014 23:19	1	N74618.D	DB-624 0.18(mm)
STD05 460-230332/7 ICIS		06/12/2014 23:44	1	N74619.D	DB-624 0.18(mm)
STD1 460-230332/8 IC		06/13/2014 00:10	1	N74620.D	DB-624 0.18(mm)
STD2 460-230332/9 IC		06/13/2014 00:36	1	N74621.D	DB-624 0.18(mm)
ICV 460-230332/13		06/13/2014 02:18	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 02:44	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 03:09	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 04:26	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 04:51	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 05:17	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 05:42	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 06:08	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 06:33	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 06:59	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 07:24	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 07:50	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 08:15	1		DB-624 0.18(mm)
ZZZZZ		06/13/2014 08:41	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 06/20/2014 05:46

Analysis Batch Number: 231807 End Date: 06/20/2014 13:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-231807/1		06/20/2014 05:46	1	N74785.D	DB-624 0.18(mm)
CCVIS 460-231807/3		06/20/2014 06:39	1	N74787.D	DB-624 0.18(mm)
LCS 460-231807/4		06/20/2014 07:04	1	N74788.D	DB-624 0.18(mm)
LCSD 460-231807/5		06/20/2014 07:30	1	N74789.D	DB-624 0.18(mm)
MB 460-231807/8		06/20/2014 08:55	1	N74792.D	DB-624 0.18(mm)
ZZZZZ		06/20/2014 09:20	1		DB-624 0.18(mm)
ZZZZZ		06/20/2014 09:50	1		DB-624 0.18(mm)
460-78044-8	TWP-1	06/20/2014 11:07	1	N74797.D	DB-624 0.18(mm)
460-78044-9	TWP-4	06/20/2014 11:32	1	N74798.D	DB-624 0.18(mm)
460-78044-10	TWP-5	06/20/2014 11:58	1	N74799.D	DB-624 0.18(mm)
460-78044-11	TWP-7	06/20/2014 12:24	1	N74800.D	DB-624 0.18(mm)
ZZZZZ		06/20/2014 12:49	1		DB-624 0.18(mm)
ZZZZZ		06/20/2014 13:15	1		DB-624 0.18(mm)

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
S-1	460-78044-1	75	78	84	92	86	65
S-2	460-78044-2	78	79	83	92	82	86
S-3	460-78044-3	79	81	82	88	87	68
S-4 DL	460-78044-4 DL	0 D	0 D	0 D	0 D	0 D	0 D
S-5	460-78044-5	79	84	90	99	87	67
S-6	460-78044-6	77	79	84	92	78	93
S-7	460-78044-7	78	82	86	91	86	66
	MB 460-231764/1-A	87	87	95	98	94	119
	LCS 460-231764/2-A	73	75	84	87	81	63
	LCS 460-231764/3-A	93	95	101	102	102	132
	460-77914-E-3-A MS	80	82	91	98	93	102
	460-77914-E-3-B MSD	83	85	92	99	93	105

	QC LIMITS
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
TWP-1	460-78044-8	43	31	72	62	63	55 X
TWP-4	460-78044-9	46	35	69	59	70	57 X
TWP-5	460-78044-10	47	34	71	62	67	56 X
TWP-7	460-78044-11	48	36	72	61	75	62 X
	MB 460-231898/1-A	49	33	95	80	86	81
	LCS 460-231898/2-A	47	29	85	78	82	70 X
	LCS 460-231898/4-A	39	25	74	62	73	61 X
	LCSD 460-231898/3-A	42	27	77	70	88	66 X
	LCSD 460-231898/5-A	39	26	74	62	69	65 X

	QC LIMITS
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150882.D

Lab ID: LCS 460-231764/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	3330	2790	84	45-95	
2,2'-oxybis[1-chloropropane]	3330	2640	79	31-101	
2,3,4,6-Tetrachlorophenol	3330	2730	82	49-104	
2,4,5-Trichlorophenol	3330	2770	83	49-96	
2,4,6-Trichlorophenol	3330	2780	83	49-96	
2,4-Dichlorophenol	3330	2690	81	50-100	
2,4-Dimethylphenol	3330	2740	82	46-95	
2,4-Dinitrophenol	6670	1130	17	10-139	
2,4-Dinitrotoluene	3330	2890	87	49-102	
2,6-Dinitrotoluene	3330	2940	88	52-104	
2-Chloronaphthalene	3330	2800	84	49-93	
2-Chlorophenol	3330	2500	75	49-96	
2-Methylnaphthalene	3330	2690	81	52-100	
2-Methylphenol	3330	2580	77	47-99	
2-Nitroaniline	3330	2970	89	35-92	
2-Nitrophenol	3330	2770	83	51-98	
3,3'-Dichlorobenzidine	3330	2880	86	9-89	
3-Nitroaniline	3330	2630	79	19-90	
4,6-Dinitro-2-methylphenol	6670	2110	32	14-128	
4-Bromophenyl phenyl ether	3330	2930	88	50-103	
4-Chloro-3-methylphenol	3330	2760	83	50-102	
4-Chloroaniline	3330	1870	56	10-86	
4-Chlorophenyl phenyl ether	3330	2840	85	49-95	
4-Methylphenol	3330	2560	77	43-100	
4-Nitroaniline	3330	2830	85	33-102	
4-Nitrophenol	6670	6370	96	34-112	
Acenaphthene	3330	2750	82	48-99	
Acenaphthylene	3330	2910	87	49-97	
Acetophenone	3330	2360	71	10-126	
Anthracene	3330	2800	84	51-97	
Atrazine	3330	2190	66	10-147	
Benzo[a]anthracene	3330	2800	84	51-97	
Benzo[a]pyrene	3330	3200	96	59-116	
Benzo[b]fluoranthene	3330	3570	107	55-115	
Benzo[g,h,i]perylene	3330	1490	45	46-120	*
Benzo[k]fluoranthene	3330	3640	109	53-113	
Bis(2-chloroethoxy)methane	3330	2790	84	48-95	
Bis(2-chloroethyl)ether	3330	2640	79	45-92	
Bis(2-ethylhexyl) phthalate	3330	2320	70	47-102	
Butyl benzyl phthalate	3330	2240	67	47-107	
Caprolactam	3330	2980	89	10-120	
Carbazole	3330	2900	87	50-102	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150882.D

Lab ID: LCS 460-231764/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chrysene	3330	2840	85	50-94	
Dibenz(a,h)anthracene	3330	1710	51	48-115	
Dibenzofuran	3330	2770	83	50-96	
Diethyl phthalate	3330	3000	90	46-100	
Dimethyl phthalate	3330	3020	91	51-99	
Di-n-butyl phthalate	3330	3040	91	50-99	
Di-n-octyl phthalate	3330	3730	112	43-120	
Diphenyl	3330	2850	86	10-134	
Fluoranthene	3330	3100	93	45-101	
Fluorene	3330	2760	83	50-95	
Hexachlorobenzene	3330	2860	86	50-104	
Hexachlorobutadiene	3330	2790	84	49-97	
Hexachlorocyclopentadiene	3330	2460	74	43-115	
Hexachloroethane	3330	2510	75	47-88	
Indeno[1,2,3-cd]pyrene	3330	1620	49	47-124	
Isophorone	3330	2780	83	51-100	
Naphthalene	3330	2690	81	48-92	
Nitrobenzene	3330	2880	86	33-72	*
N-Nitrosodi-n-propylamine	3330	2780	83	49-99	
N-Nitrosodiphenylamine	3330	3050	91	51-103	
Pentachlorophenol	6670	5460	82	37-99	
Phenanthrene	3330	2830	85	51-97	
Phenol	3330	2500	75	46-97	
Pyrene	3330	2060	62	39-119	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150869.D

Lab ID: LCS 460-231764/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6650	6320	95	10-139	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06028.D

Lab ID: LCS 460-231898/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	80.0	63.1	79	70-130	
2,2'-oxybis[1-chloropropane]	80.0	77.1	96	68-107	
2,3,4,6-Tetrachlorophenol	80.0	69.6	87	70-130	
2,4,5-Trichlorophenol	80.0	68.5	86	67-114	
2,4,6-Trichlorophenol	80.0	66.8	83	67-111	
2,4-Dichlorophenol	80.0	67.9	85	64-107	
2,4-Dimethylphenol	80.0	65.6	82	55-100	
2,4-Dinitrophenol	160	155	97	19-113	
2,4-Dinitrotoluene	80.0	76.2	95	65-113	
2,6-Dinitrotoluene	80.0	72.6	91	68-114	
2-Chloronaphthalene	80.0	64.1	80	65-107	
2-Chlorophenol	80.0	60.8	76	53-101	
2-Methylnaphthalene	80.0	63.0	79	66-102	
2-Methylphenol	80.0	50.1	63	40-90	
2-Nitroaniline	80.0	75.1	94	73-116	
2-Nitrophenol	80.0	72.3	90	65-107	
3,3'-Dichlorobenzidine	80.0	68.0	85	69-129	
3-Nitroaniline	80.0	73.6	92	59-108	
4,6-Dinitro-2-methylphenol	160	151	94	58-115	
4-Bromophenyl phenyl ether	80.0	66.6	83	66-110	
4-Chloro-3-methylphenol	80.0	64.1	80	57-106	
4-Chloroaniline	80.0	70.0	87	58-105	
4-Chlorophenyl phenyl ether	80.0	67.1	84	68-105	
4-Methylphenol	80.0	46.1	58	30-75	
4-Nitroaniline	80.0	91.0	114	49-119	
4-Nitrophenol	160	73.6	46	10-44	*
Acenaphthene	80.0	65.8	82	66-108	
Acenaphthylene	80.0	69.4	87	67-107	
Acetophenone	80.0	68.6	86	68-109	
Anthracene	80.0	72.0	90	68-108	
Atrazine	80.0	83.9	105	56-116	
Benzo[a]anthracene	80.0	73.5	92	65-106	
Benzo[a]pyrene	80.0	76.7	96	58-101	
Benzo[b]fluoranthene	80.0	78.6	98	65-111	
Benzo[g,h,i]perylene	80.0	75.8	95	65-134	
Benzo[k]fluoranthene	80.0	73.7	92	66-114	
Bis(2-chloroethoxy)methane	80.0	73.8	92	69-108	
Bis(2-chloroethyl)ether	80.0	62.8	79	62-108	
Bis(2-ethylhexyl) phthalate	80.0	86.1	108	66-114	
Butyl benzyl phthalate	80.0	80.3	100	66-115	
Caprolactam	80.0	25.0	31	10-30	*
Carbazole	80.0	80.2	100	67-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06028.D

Lab ID: LCS 460-231898/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chrysene	80.0	76.2	95	68-112	
Dibenz(a,h)anthracene	80.0	78.8	98	67-124	
Dibenzofuran	80.0	67.3	84	68-105	
Diethyl phthalate	80.0	73.4	92	66-109	
Dimethyl phthalate	80.0	72.5	91	69-111	
Di-n-butyl phthalate	80.0	91.9	115	68-111	*
Di-n-octyl phthalate	80.0	77.6	97	51-115	
Diphenyl	80.0	66.2	83	66-112	
Fluoranthene	80.0	84.4	105	68-108	
Fluorene	80.0	68.0	85	68-105	
Hexachlorobenzene	80.0	67.3	84	65-107	
Hexachlorobutadiene	80.0	53.4	67	52-99	
Hexachlorocyclopentadiene	80.0	66.2	83	40-105	
Hexachloroethane	80.0	54.2	68	50-99	
Indeno[1,2,3-cd]pyrene	80.0	72.3	90	68-121	
Isophorone	80.0	73.1	91	68-108	
Naphthalene	80.0	64.8	81	63-101	
Nitrobenzene	80.0	74.0	93	66-106	
N-Nitrosodi-n-propylamine	80.0	69.0	86	70-109	
N-Nitrosodiphenylamine	80.0	68.5	86	71-121	
Pentachlorophenol	160	107	67	55-116	
Phenanthrene	80.0	69.5	87	68-110	
Phenol	80.0	29.0	36	12-44	
Pyrene	80.0	62.2	78	61-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06023.D

Lab ID: LCS 460-231898/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	160	129	81	52-150	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06036.D

Lab ID: LCSD 460-231898/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	80.0	55.2	69	13	30	70-130	*
2,2'-oxybis[1-chloropropane]	80.0	68.9	86	11	30	68-107	
2,3,4,6-Tetrachlorophenol	80.0	71.8	90	3	30	70-130	
2,4,5-Trichlorophenol	80.0	65.7	82	4	30	67-114	
2,4,6-Trichlorophenol	80.0	61.3	77	9	30	67-111	
2,4-Dichlorophenol	80.0	63.3	79	7	30	64-107	
2,4-Dimethylphenol	80.0	59.8	75	9	30	55-100	
2,4-Dinitrophenol	160	173	108	11	30	19-113	
2,4-Dinitrotoluene	80.0	82.4	103	8	30	65-113	
2,6-Dinitrotoluene	80.0	74.2	93	2	30	68-114	
2-Chloronaphthalene	80.0	57.4	72	11	30	65-107	
2-Chlorophenol	80.0	55.0	69	10	30	53-101	
2-Methylnaphthalene	80.0	59.8	75	5	30	66-102	
2-Methylphenol	80.0	45.5	57	10	30	40-90	
2-Nitroaniline	80.0	73.6	92	2	30	73-116	
2-Nitrophenol	80.0	65.7	82	10	30	65-107	
3,3'-Dichlorobenzidine	80.0	58.9	74	14	30	69-129	
3-Nitroaniline	80.0	77.2	97	5	30	59-108	
4,6-Dinitro-2-methylphenol	160	150	93	1	30	58-115	
4-Bromophenyl phenyl ether	80.0	59.9	75	11	30	66-110	
4-Chloro-3-methylphenol	80.0	62.5	78	2	30	57-106	
4-Chloroaniline	80.0	64.0	80	9	30	58-105	
4-Chlorophenyl phenyl ether	80.0	67.9	85	1	30	68-105	
4-Methylphenol	80.0	42.0	53	9	30	30-75	
4-Nitroaniline	80.0	101	126	11	30	49-119	*
4-Nitrophenol	160	81.1	51	10	30	10-44	*
Acenaphthene	80.0	62.2	78	6	30	66-108	
Acenaphthylene	80.0	65.1	81	6	30	67-107	
Acetophenone	80.0	62.4	78	9	30	68-109	
Anthracene	80.0	66.2	83	8	30	68-108	
Atrazine	80.0	81.4	102	3	30	56-116	
Benzo[a]anthracene	80.0	68.9	86	6	30	65-106	
Benzo[a]pyrene	80.0	70.7	88	8	30	58-101	
Benzo[b]fluoranthene	80.0	69.6	87	12	30	65-111	
Benzo[g,h,i]perylene	80.0	73.2	92	3	30	65-134	
Benzo[k]fluoranthene	80.0	70.6	88	4	30	66-114	
Bis(2-chloroethoxy)methane	80.0	67.7	85	9	30	69-108	
Bis(2-chloroethyl)ether	80.0	56.4	71	11	30	62-108	
Bis(2-ethylhexyl) phthalate	80.0	80.6	101	7	30	66-114	
Butyl benzyl phthalate	80.0	77.0	96	4	30	66-115	
Caprolactam	80.0	27.9	35	11	30	10-30	*
Carbazole	80.0	75.5	94	6	30	67-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06036.D

Lab ID: LCSD 460-231898/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chrysene	80.0	70.0	88	8	30	68-112	
Dibenz(a,h)anthracene	80.0	75.3	94	5	30	67-124	
Dibenzofuran	80.0	64.5	81	4	30	68-105	
Diethyl phthalate	80.0	78.9	99	7	30	66-109	
Dimethyl phthalate	80.0	73.2	92	1	30	69-111	
Di-n-butyl phthalate	80.0	86.4	108	6	30	68-111	
Di-n-octyl phthalate	80.0	71.4	89	8	30	51-115	
Diphenyl	80.0	60.2	75	9	30	66-112	
Fluoranthene	80.0	78.1	98	8	30	68-108	
Fluorene	80.0	68.0	85	0	30	68-105	
Hexachlorobenzene	80.0	61.2	76	10	30	65-107	
Hexachlorobutadiene	80.0	50.0	63	6	30	52-99	
Hexachlorocyclopentadiene	80.0	56.6	71	16	30	40-105	
Hexachloroethane	80.0	49.8	62	8	30	50-99	
Indeno[1,2,3-cd]pyrene	80.0	70.3	88	3	30	68-121	
Isophorone	80.0	67.9	85	7	30	68-108	
Naphthalene	80.0	61.0	76	6	30	63-101	
Nitrobenzene	80.0	66.6	83	11	30	66-106	
N-Nitrosodi-n-propylamine	80.0	63.5	79	8	30	70-109	
N-Nitrosodiphenylamine	80.0	62.5	78	9	30	71-121	
Pentachlorophenol	160	117	73	8	30	55-116	
Phenanthrene	80.0	64.9	81	7	30	68-110	
Phenol	80.0	26.1	33	10	30	12-44	
Pyrene	80.0	58.1	73	7	30	61-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C06024.D

Lab ID: LCSD 460-231898/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	160	129	81	0	30	52-150	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150915.D

Lab ID: 460-77914-E-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	3520	47 U	3380	96	45-95	
2,2'-oxybis[1-chloropropane]	3520	39 U	3010	85	31-101	
2,3,4,6-Tetrachlorophenol	3520	45 U	2870	82	49-104	
2,4,5-Trichlorophenol	3520	45 U	3280	93	49-96	
2,4,6-Trichlorophenol	3520	41 U	3260	93	49-96	
2,4-Dichlorophenol	3520	51 U	3210	91	50-100	
2,4-Dimethylphenol	3520	86 U	3210	91	46-95	
2,4-Dinitrophenol	7040	200 U	2040	29	10-139	
2,4-Dinitrotoluene	3520	12 U	3470	98	49-102	
2,6-Dinitrotoluene	3520	11 U	3470	99	52-104	
2-Chloronaphthalene	3520	39 U	3300	94	49-93	
2-Chlorophenol	3520	46 U	2930	83	49-96	
2-Methylnaphthalene	3520	45 U	3240	92	52-100	
2-Methylphenol	3520	60 U	2990	85	47-99	
2-Nitroaniline	3520	150 U	3330	94	35-92	
2-Nitrophenol	3520	39 U	3240	92	51-98	
3,3'-Dichlorobenzidine	3520	120 U	3280	93	9-89	
3-Nitroaniline	3520	120 U	3070	87	19-90	
4,6-Dinitro-2-methylphenol	7040	95 U	3940	56	14-128	
4-Bromophenyl phenyl ether	3520	35 U	3650	104	50-103	
4-Chloro-3-methylphenol	3520	53 U	3240	92	50-102	
4-Chloroaniline	3520	93 U	2100	59	10-86	
4-Chlorophenyl phenyl ether	3520	41 U	3460	98	49-95	
4-Methylphenol	3520	69 U	3020	86	43-100	
4-Nitroaniline	3520	110 U	3270	93	33-102	
4-Nitrophenol	7040	230 U	6270	89	34-112	
Acenaphthene	3520	51 U	3260	93	48-99	
Acenaphthylene	3520	41 U	3390	96	49-97	
Acetophenone	3520	54 U	2790	79	10-126	
Anthracene	3520	42 U	3320	94	51-97	
Atrazine	3520	54 U	2630	75	10-147	
Benzaldehyde	7040	41 U	5750	82	10-139	
Benzo[a]anthracene	3520	2.4 U	3280	93	51-97	
Benzo[a]pyrene	3520	31 J	3630	102	59-116	
Benzo[b]fluoranthene	3520	44	3190	89	55-115	
Benzo[g,h,i]perylene	3520	26 U	3660	104	46-120	
Benzo[k]fluoranthene	3520	20 J	3140	88	53-113	
Bis(2-chloroethoxy)methane	3520	45 U	3210	91	48-95	
Bis(2-chloroethyl)ether	3520	4.8 U	3000	85	45-92	
Bis(2-ethylhexyl) phthalate	3520	120 U	3410	97	47-102	
Butyl benzyl phthalate	3520	32 U	3350	95	47-107	
Caprolactam	3520	81 U	3290	93	10-120	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150915.D

Lab ID: 460-77914-E-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Carbazole	3520	41 U	3210	91	50-102	
Chrysene	3520	41 U	3390	96	50-94	
Dibenz(a,h)anthracene	3520	4.4 U	3950	112	48-115	
Dibenzofuran	3520	41 U	3340	95	50-96	
Diethyl phthalate	3520	42 U	3500	99	46-100	
Dimethyl phthalate	3520	41 U	3490	99	51-99	
Di-n-butyl phthalate	3520	43 U	3470	99	50-99	
Di-n-octyl phthalate	3520	22 U	2350	67	43-120	
Diphenyl	3520	47 U	3360	95	10-134	
Fluoranthene	3520	47 U	3170	90	45-101	
Fluorene	3520	45 U	3310	94	50-95	
Hexachlorobenzene	3520	4.8 U	3650	104	50-104	
Hexachlorobutadiene	3520	8.5 U	3420	97	49-97	
Hexachlorocyclopentadiene	3520	41 U	3110	88	43-115	
Hexachloroethane	3520	3.9 U	3010	85	47-88	
Indeno[1,2,3-cd]pyrene	3520	21 J	3900	110	47-124	
Isophorone	3520	42 U	3200	91	51-100	
Naphthalene	3520	40 U	3170	90	48-92	
Nitrobenzene	3520	5.0 U	3250	92	33-72	
N-Nitrosodi-n-propylamine	3520	5.8 U	3230	92	49-99	
N-Nitrosodiphenylamine	3520	34 U	3620	103	51-103	
Pentachlorophenol	7040	100 U	4180	59	37-99	
Phenanthrene	3520	44 U	3390	96	51-97	
Phenol	3520	47 U	2850	81	46-97	
Pyrene	3520	38 J	3420	96	39-119	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150916.D

Lab ID: 460-77914-E-3-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	3520	3420	97	1	30	45-95	
2,2'-oxybis[1-chloropropane]	3520	3130	89	4	30	31-101	
2,3,4,6-Tetrachlorophenol	3520	2750	78	4	30	49-104	
2,4,5-Trichlorophenol	3520	3190	90	3	30	49-96	
2,4,6-Trichlorophenol	3520	3310	94	1	30	49-96	
2,4-Dichlorophenol	3520	3220	91	0	30	50-100	
2,4-Dimethylphenol	3520	3190	91	1	30	46-95	
2,4-Dinitrophenol	7040	1810	26	12	30	10-139	
2,4-Dinitrotoluene	3520	3460	98	0	30	49-102	
2,6-Dinitrotoluene	3520	3490	99	1	30	52-104	
2-Chloronaphthalene	3520	3340	95	1	30	49-93	
2-Chlorophenol	3520	3010	86	3	30	49-96	
2-Methylnaphthalene	3520	3260	92	0	30	52-100	
2-Methylphenol	3520	3100	88	4	30	47-99	
2-Nitroaniline	3520	3380	96	2	30	35-92	
2-Nitrophenol	3520	3290	93	2	30	51-98	
3,3'-Dichlorobenzidine	3520	3280	93	0	30	9-89	
3-Nitroaniline	3520	3020	86	2	30	19-90	
4,6-Dinitro-2-methylphenol	7040	3670	52	7	30	14-128	
4-Bromophenyl phenyl ether	3520	3640	103	0	30	50-103	
4-Chloro-3-methylphenol	3520	3220	92	1	30	50-102	
4-Chloroaniline	3520	2070	59	1	30	10-86	
4-Chlorophenyl phenyl ether	3520	3390	96	2	30	49-95	
4-Methylphenol	3520	3100	88	3	30	43-100	
4-Nitroaniline	3520	3250	92	1	30	33-102	
4-Nitrophenol	7040	6130	87	2	30	34-112	
Acenaphthene	3520	3270	93	0	30	48-99	
Acenaphthylene	3520	3400	97	0	30	49-97	
Acetophenone	3520	2850	81	2	30	10-126	
Anthracene	3520	3290	93	1	30	51-97	
Atrazine	3520	2670	76	1	30	10-147	
Benzaldehyde	7040	5950	84	3	30	10-139	
Benzo[a]anthracene	3520	3320	94	1	30	51-97	
Benzo[a]pyrene	3520	3680	104	2	30	59-116	
Benzo[b]fluoranthene	3520	3250	91	2	30	55-115	
Benzo[g,h,i]perylene	3520	3510	100	4	30	46-120	
Benzo[k]fluoranthene	3520	3180	90	2	30	53-113	
Bis(2-chloroethoxy)methane	3520	3270	93	2	30	48-95	
Bis(2-chloroethyl)ether	3520	3120	88	4	30	45-92	
Bis(2-ethylhexyl) phthalate	3520	3420	97	0	30	47-102	
Butyl benzyl phthalate	3520	3460	98	3	30	47-107	
Caprolactam	3520	3210	91	3	30	10-120	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1150916.D

Lab ID: 460-77914-E-3-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3520	3150	90	2	30	50-102	
Chrysene	3520	3420	97	1	30	50-94	
Dibenz(a,h)anthracene	3520	3830	109	3	30	48-115	
Dibenzofuran	3520	3290	93	1	30	50-96	
Diethyl phthalate	3520	3500	99	0	30	46-100	
Dimethyl phthalate	3520	3500	99	0	30	51-99	
Di-n-butyl phthalate	3520	3460	98	0	30	50-99	
Di-n-octyl phthalate	3520	2380	68	1	30	43-120	
Diphenyl	3520	3370	96	0	30	10-134	
Fluoranthene	3520	3060	87	3	30	45-101	
Fluorene	3520	3320	94	0	30	50-95	
Hexachlorobenzene	3520	3600	102	1	30	50-104	
Hexachlorobutadiene	3520	3380	96	1	30	49-97	
Hexachlorocyclopentadiene	3520	3120	89	1	30	43-115	
Hexachloroethane	3520	3010	85	0	30	47-88	
Indeno[1,2,3-cd]pyrene	3520	3800	107	3	30	47-124	
Isophorone	3520	3190	91	0	30	51-100	
Naphthalene	3520	3190	91	1	30	48-92	
Nitrobenzene	3520	3280	93	1	30	33-72	
N-Nitrosodi-n-propylamine	3520	3330	95	3	30	49-99	
N-Nitrosodiphenylamine	3520	3640	103	0	30	51-103	
Pentachlorophenol	7040	3920	56	7	30	37-99	
Phenanthrene	3520	3340	95	1	30	51-97	
Phenol	3520	2990	85	5	30	46-97	
Pyrene	3520	3500	98	2	30	39-119	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: L1150867.D Lab Sample ID: MB 460-231764/1-A

Matrix: Solid Date Extracted: 06/19/2014 20:28

Instrument ID: CBNAMS12 Date Analyzed: 06/24/2014 04:42

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-231764/3-A	L1150869.D	06/24/2014 05:31
	LCS 460-231764/2-A	L1150882.D	06/24/2014 10:49
S-7	460-78044-7	L1150884.D	06/24/2014 11:37
S-5	460-78044-5	L1150886.D	06/24/2014 12:26
S-1	460-78044-1	L1150891.D	06/24/2014 14:29
S-4 DL	460-78044-4 DL	L1150892.D	06/24/2014 14:54
S-2	460-78044-2	L1150912.D	06/25/2014 01:12
S-6	460-78044-6	L1150913.D	06/25/2014 01:36
S-3	460-78044-3	L1150914.D	06/25/2014 02:00
	460-77914-E-3-A MS	L1150915.D	06/25/2014 02:25
	460-77914-E-3-B MSD	L1150916.D	06/25/2014 02:50

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: C06027.D Lab Sample ID: MB 460-231898/1-A

Matrix: Water Date Extracted: 06/20/2014 13:06

Instrument ID: CBNAMS13 Date Analyzed: 06/23/2014 10:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-231898/4-A	C06023.D	06/23/2014 09:15
	LCSD 460-231898/5-A	C06024.D	06/23/2014 09:39
TWP-1	460-78044-8	C06025.D	06/23/2014 10:03
TWP-4	460-78044-9	C06026.D	06/23/2014 10:27
	LCS 460-231898/2-A	C06028.D	06/23/2014 11:14
TWP-5	460-78044-10	C06030.D	06/23/2014 12:02
TWP-7	460-78044-11	C06031.D	06/23/2014 12:26
	LCSD 460-231898/3-A	C06036.D	06/23/2014 14:24

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: L1150813.D DFTPP Injection Date: 06/22/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 21:47

Analysis Batch No.: 232183

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.7	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	42.1	
70	Less than 2.0 % of mass 69	0.1	(0.3)1
127	40.0 - 60.0 % of mass 198	46.3	
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	26.7	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	11.0	(83.7)3
442	Greater than 40.0 % of mass 198	69.7	
443	17.0 - 23.0 % of mass 442	13.1	(18.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232183/2	L1150814.D	06/22/2014	22:05
	IC 460-232183/3	L1150815.D	06/22/2014	22:30
	IC 460-232183/4	L1150816.D	06/22/2014	22:54
	IC 460-232183/5	L1150817.D	06/22/2014	23:19
	IC 460-232183/6	L1150818.D	06/22/2014	23:44
	IC 460-232183/7	L1150819.D	06/23/2014	00:08
	IC 460-232183/8	L1150820.D	06/23/2014	00:33
	IC 460-232183/9	L1150821.D	06/23/2014	00:57
	IC 460-232183/10	L1150822.D	06/23/2014	01:22
	IC 460-232183/11	L1150823.D	06/23/2014	01:47
	IC 460-232183/12	L1150824.D	06/23/2014	02:11
	IC 460-232183/13	L1150825.D	06/23/2014	02:36
	IC 460-232183/14	L1150826.D	06/23/2014	03:00
	IC 460-232183/15	L1150827.D	06/23/2014	03:25

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: L1150863.D DFTPP Injection Date: 06/24/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 02:59

Analysis Batch No.: 232407

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	57.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.5	
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	6.5	
275	10.0 - 30.0 % of mass 198	26.8	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	12.1	(89.3)3
442	Greater than 40.0 % of mass 198	74.8	
443	17.0 - 23.0 % of mass 442	13.6	(18.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232407/2	L1150864.D	06/24/2014	03:17
	CCV 460-232407/3	L1150865.D	06/24/2014	03:53
	MB 460-231764/1-A	L1150867.D	06/24/2014	04:42
	LCS 460-231764/3-A	L1150869.D	06/24/2014	05:31
	LCS 460-231764/2-A	L1150882.D	06/24/2014	10:49
S-7	460-78044-7	L1150884.D	06/24/2014	11:37
S-5	460-78044-5	L1150886.D	06/24/2014	12:26
S-1	460-78044-1	L1150891.D	06/24/2014	14:29
S-4 DL	460-78044-4 DL	L1150892.D	06/24/2014	14:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: L1150894.D DFTPP Injection Date: 06/24/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 17:58

Analysis Batch No.: 232560

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	55.9	
68	Less than 2.0 % of mass 69	0.3	(0.8)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	44.8	
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	6.9	
275	10.0 - 30.0 % of mass 198	27.2	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	12.1	(81.0)3
442	Greater than 40.0 % of mass 198	79.2	
443	17.0 - 23.0 % of mass 442	14.9	(18.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232560/2	L1150895.D	06/24/2014	18:15
	CCV 460-232560/3	L1150896.D	06/24/2014	18:40
S-2	460-78044-2	L1150912.D	06/25/2014	01:12
S-6	460-78044-6	L1150913.D	06/25/2014	01:36
S-3	460-78044-3	L1150914.D	06/25/2014	02:00
	460-77914-E-3-A MS	L1150915.D	06/25/2014	02:25
	460-77914-E-3-B MSD	L1150916.D	06/25/2014	02:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: C05924.D DFTPP Injection Date: 06/20/2014

Instrument ID: CBNAMS13 DFTPP Injection Time: 03:20

Analysis Batch No.: 231786

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.3	
68	Less than 2.0 % of mass 69	0.5	(1.0)1
69	Mass 69 relative abundance	44.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.3	
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	24.6	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	19.3	(87.3)3
442	Greater than 40.0 % of mass 198	116.3	
443	17.0 - 23.0 % of mass 442	22.1	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-231786/2	C05925.D	06/20/2014	03:53
	IC 460-231786/3	C05926.D	06/20/2014	04:57
	IC 460-231786/4	C05927.D	06/20/2014	05:21
	IC 460-231786/5	C05928.D	06/20/2014	05:45
	IC 460-231786/6	C05929.D	06/20/2014	06:08
	IC 460-231786/7	C05930.D	06/20/2014	06:32
	IC 460-231786/8	C05931.D	06/20/2014	06:56
	IC 460-231786/9	C05932.D	06/20/2014	07:20
	IC 460-231786/10	C05933.D	06/20/2014	07:44
	IC 460-231786/11	C05934.D	06/20/2014	08:08
	IC 460-231786/12	C05935.D	06/20/2014	08:32
	IC460-231786/13	C05936.D	06/20/2014	08:56
	IC 460-231786/14	C05937.D	06/20/2014	09:20
	IC 460-231786/15	C05938.D	06/20/2014	09:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: C06007.D DFTPP Injection Date: 06/23/2014

Instrument ID: CBNAMS13 DFTPP Injection Time: 02:30

Analysis Batch No.: 232192

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.2	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	43.7	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	51.5	
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	6.6	
275	10.0 - 30.0 % of mass 198	24.1	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	16.9	(85.5)3
442	Greater than 40.0 % of mass 198	101.7	
443	17.0 - 23.0 % of mass 442	19.8	(19.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232192/2	C06008.D	06/23/2014	03:00
	CCV 460-232192/3	C06009.D	06/23/2014	03:32
	LCS 460-231898/4-A	C06023.D	06/23/2014	09:15
	LCSD 460-231898/5-A	C06024.D	06/23/2014	09:39
TWP-1	460-78044-8	C06025.D	06/23/2014	10:03
TWP-4	460-78044-9	C06026.D	06/23/2014	10:27
	MB 460-231898/1-A	C06027.D	06/23/2014	10:51
	LCS 460-231898/2-A	C06028.D	06/23/2014	11:14
TWP-5	460-78044-10	C06030.D	06/23/2014	12:02
TWP-7	460-78044-11	C06031.D	06/23/2014	12:26
	LCSD 460-231898/3-A	C06036.D	06/23/2014	14:24

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232407/2 Date Analyzed: 06/24/2014 03:17

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1150864.D Heated Purge: (Y/N) N

Calibration ID: 40261

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		82101	4.51	275529	5.79	139464	7.55
UPPER LIMIT		164202	5.01	551058	6.29	278928	8.05
LOWER LIMIT		41051	4.01	137765	5.29	69732	7.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-231764/1-A		119093	4.51	433847	5.79	230502	7.55
LCS 460-231764/3-A		129922	4.51	482944	5.79	269218	7.55
LCS 460-231764/2-A		98617	4.51	335555	5.79	171794	7.55
460-78044-7	S-7	75816	4.51	265363	5.79	141773	7.55
460-78044-5	S-5	79065	4.51	266005	5.79	135312	7.55
460-78044-1	S-1	80914	4.51	284450	5.79	143139	7.55
460-78044-4 DL	S-4 DL	60841	4.51	218091	5.79	120385	7.55

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232407/2 Date Analyzed: 06/24/2014 03:17

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1150864.D Heated Purge: (Y/N) N

Calibration ID: 40261

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		210035	9.02	212769	11.85	260775	13.83
UPPER LIMIT		420070	9.52	425538	12.35	521550	14.33
LOWER LIMIT		105018	8.52	106385	11.35	130388	13.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-231764/1-A		341710	9.02	227580	11.85	164072	13.83
LCS 460-231764/3-A		401779	9.02	242315	11.85	159955	13.83
LCS 460-231764/2-A		246111	9.02	332991	11.86	232341	13.83
460-78044-7	S-7	215585	9.02	331871	11.85	231101	13.83
460-78044-5	S-5	206414	9.02	338374	11.86	210938	13.84
460-78044-1	S-1	210388	9.02	302189	11.86	195804	13.84
460-78044-4 DL	S-4 DL	219687	9.02	395546	11.86	229616	13.84

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232560/2 Date Analyzed: 06/24/2014 18:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1150895.D Heated Purge: (Y/N) N

Calibration ID: 40261

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		94880	4.49	332051	5.78	181846	7.53
UPPER LIMIT		189760	4.99	664102	6.28	363692	8.03
LOWER LIMIT		47440	3.99	166026	5.28	90923	7.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-78044-2	S-2	95428	4.49	335695	5.78	173697	7.53
460-78044-6	S-6	91451	4.49	320007	5.78	170556	7.53
460-78044-3	S-3	73048	4.49	255976	5.78	141305	7.53
460-77914-E-3-A MS		101146	4.49	352279	5.78	188899	7.53
460-77914-E-3-B MSD		109114	4.49	388691	5.78	204879	7.53

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232560/2 Date Analyzed: 06/24/2014 18:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1150895.D Heated Purge: (Y/N) N

Calibration ID: 40261

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		277879	9.00	264991	11.83	314111	13.82
UPPER LIMIT		555758	9.50	529982	12.33	628222	14.32
LOWER LIMIT		138940	8.50	132496	11.33	157056	13.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-78044-2	S-2	248474	9.00	211702	11.83	334519	13.82
460-78044-6	S-6	244815	9.00	199050	11.83	309071	13.81
460-78044-3	S-3	229706	9.00	310861	11.83	455962	13.83
460-77914-E-3-A MS		271720	9.00	207455	11.83	292470	13.82
460-77914-E-3-B MSD		292223	9.00	212454	11.83	293306	13.82

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232192/2 Date Analyzed: 06/23/2014 03:00

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C06008.D Heated Purge: (Y/N) N

Calibration ID: 40232

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1150472	4.26	4128136	5.54	1797514	7.28
UPPER LIMIT		2300944	4.76	8256272	6.04	3595028	7.78
LOWER LIMIT		575236	3.76	2064068	5.04	898757	6.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-231898/4-A		1526814	4.25	5457315	5.53	2605898	7.28
LCSD 460-231898/5-A		1715323	4.25	6215559	5.53	3037155	7.28
460-78044-8	TWP-1	1589722	4.25	5650486	5.53	2545496	7.28
460-78044-9	TWP-4	1477689	4.25	5197887	5.53	2421168	7.28
MB 460-231898/1-A		1173983	4.25	4241054	5.53	2030680	7.28
LCS 460-231898/2-A		1199901	4.25	4217331	5.54	1843329	7.28
460-78044-10	TWP-5	1672602	4.25	5948182	5.53	2685592	7.28
460-78044-11	TWP-7	1478364	4.25	5329244	5.53	2585579	7.28
LCSD 460-231898/3-A		1149715	4.25	4017179	5.53	1879404	7.28

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232192/2 Date Analyzed: 06/23/2014 03:00

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C06008.D Heated Purge: (Y/N) N

Calibration ID: 40232

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2102460	8.74	1008024	11.45	934212	13.32
UPPER LIMIT		4204920	9.24	2016048	11.95	1868424	13.82
LOWER LIMIT		1051230	8.24	504012	10.95	467106	12.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-231898/4-A		3523116	8.73	1982388	11.45	1478431	13.32
LCSD 460-231898/5-A		3912745	8.73	1870692	11.45	1383916	13.32
460-78044-8	TWP-1	3016995	8.73	1638448	11.45	1349918	13.32
460-78044-9	TWP-4	3171170	8.73	1855070	11.45	1408278	13.32
MB 460-231898/1-A		2565507	8.73	1279974	11.45	1076224	13.32
LCS 460-231898/2-A		2164521	8.73	1252490	11.45	1085274	13.32
460-78044-10	TWP-5	3142721	8.73	1656480	11.44	1369172	13.32
460-78044-11	TWP-7	3431127	8.73	1853727	11.45	1399802	13.32
LCSD 460-231898/3-A		2565882	8.73	1430697	11.45	1219831	13.32

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 | Lab Sample ID: 460-78044-1

Matrix: Solid | Lab File ID: L1150891.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2014 14:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	2100	290
108-60-1	2,2'-oxybis[1-chloropropane]	230	U	2100	230
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	2100	280
95-95-4	2,4,5-Trichlorophenol	270	U	2100	270
88-06-2	2,4,6-Trichlorophenol	250	U	2100	250
120-83-2	2,4-Dichlorophenol	310	U	2100	310
105-67-9	2,4-Dimethylphenol	520	U	2100	520
51-28-5	2,4-Dinitrophenol	1200	U	4300	1200
121-14-2	2,4-Dinitrotoluene	70	U	430	70
606-20-2	2,6-Dinitrotoluene	64	U	430	64
91-58-7	2-Chloronaphthalene	240	U	2100	240
95-57-8	2-Chlorophenol	280	U	2100	280
91-57-6	2-Methylnaphthalene	1000	J	2100	270
95-48-7	2-Methylphenol	360	U	2100	360
88-74-4	2-Nitroaniline	880	U	2100	880
88-75-5	2-Nitrophenol	240	U	2100	240
91-94-1	3,3'-Dichlorobenzidine	740	U	2100	740
99-09-2	3-Nitroaniline	750	U	2100	750
534-52-1	4,6-Dinitro-2-methylphenol	580	U	4300	580
101-55-3	4-Bromophenyl phenyl ether	210	U	2100	210
59-50-7	4-Chloro-3-methylphenol	320	U	2100	320
106-47-8	4-Chloroaniline	560	U	2100	560
7005-72-3	4-Chlorophenyl phenyl ether	250	U	2100	250
106-44-5	4-Methylphenol	420	U	2100	420
100-01-6	4-Nitroaniline	660	U	4300	660
100-02-7	4-Nitrophenol	1400	U	2100	1400
83-32-9	Acenaphthene	2500		2100	310
208-96-8	Acenaphthylene	250	J	2100	250
98-86-2	Acetophenone	330	U	2100	330
120-12-7	Anthracene	4000		2100	260
1912-24-9	Atrazine	330	U	2100	330
100-52-7	Benzaldehyde	250	U	2100	250
56-55-3	Benzo[a]anthracene	6400		210	15
50-32-8	Benzo[a]pyrene	5500		210	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 | Lab Sample ID: 460-78044-1

Matrix: Solid | Lab File ID: L1150891.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2014 14:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	8100		210	13
191-24-2	Benzo[g,h,i]perylene	1600	J *	2100	160
207-08-9	Benzo[k]fluoranthene	3400		210	16
111-91-1	Bis(2-chloroethoxy)methane	270	U	2100	270
111-44-4	Bis(2-chloroethyl)ether	29	U	210	29
117-81-7	Bis(2-ethylhexyl) phthalate	700	U	2100	700
85-68-7	Butyl benzyl phthalate	190	U	2100	190
105-60-2	Caprolactam	490	U	2100	490
86-74-8	Carbazole	2000	J	2100	250
218-01-9	Chrysene	6900		2100	250
53-70-3	Dibenz(a,h)anthracene	530		210	27
132-64-9	Dibenzofuran	1700	J	2100	250
84-66-2	Diethyl phthalate	250	U	2100	250
131-11-3	Dimethyl phthalate	250	U	2100	250
84-74-2	Di-n-butyl phthalate	260	U	2100	260
117-84-0	Di-n-octyl phthalate	140	U	2100	140
92-52-4	Diphenyl	370	J	2100	280
206-44-0	Fluoranthene	20000		2100	280
86-73-7	Fluorene	2100		2100	270
118-74-1	Hexachlorobenzene	29	U	210	29
87-68-3	Hexachlorobutadiene	52	U	430	52
77-47-4	Hexachlorocyclopentadiene	250	U	2100	250
67-72-1	Hexachloroethane	24	U	210	24
193-39-5	Indeno[1,2,3-cd]pyrene	1900		210	39
78-59-1	Isophorone	260	U	2100	260
91-20-3	Naphthalene	2100		2100	250
98-95-3	Nitrobenzene	30	U *	210	30
621-64-7	N-Nitrosodi-n-propylamine	35	U	210	35
86-30-6	N-Nitrosodiphenylamine	210	U	2100	210
87-86-5	Pentachlorophenol	630	U	4300	630
85-01-8	Phenanthrene	20000		2100	270
108-95-2	Phenol	280	U	2100	280
129-00-0	Pyrene	11000		2100	180

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 Lab Sample ID: 460-78044-1

Matrix: Solid Lab File ID: L1150891.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3541 Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) Date Analyzed: 06/24/2014 14:29

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	86		19-114
321-60-8	2-Fluorobiphenyl	92		49-112
367-12-4	2-Fluorophenol	75		39-103
4165-60-0	Nitrobenzene-d5	84		40-106
4165-62-2	Phenol-d5	78		44-104
1718-51-0	Terphenyl-d14	65		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 | Lab Sample ID: 460-78044-1

Matrix: Solid | Lab File ID: L1150891.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/24/2014 14:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 3900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
192-97-2	Benzo[e]pyrene	13.68	3900	J N

Report Date: 24-Jun-2014 16:43:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D
Lims ID: 460-78044-F-1-A Lab Sample ID: 460-78044-1
Client ID: S-1
Sample Type: Client
Inject. Date: 24-Jun-2014 14:29:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0014942-029
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:43:01 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:36:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.193	3.187	0.006	85	19280	7.54	
$ 6 Phenol-d5	99	4.116	4.122	-0.006	63	24503	7.79	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	80914	40.0	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	93	22377	8.39	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	284450	40.0	
36 Naphthalene	128	5.816	5.816	0.000	76	34696	4.89	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	82	11328	2.41	
$ 48 2-Fluorobiphenyl	172	6.875	6.881	-0.006	96	42731	9.16	
49 1,1'-Biphenyl	154	6.975	6.981	-0.005	75	4455	0.8546	
59 Acenaphthylene	152	7.410	7.416	-0.006	84	3473	0.5954	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	143139	40.0	
62 Acenaphthene	154	7.581	7.586	-0.005	86	21633	5.76	
66 Dibenzofuran	168	7.751	7.757	-0.006	91	21822	3.98	
70 Fluorene	166	8.092	8.098	-0.006	85	21433	4.90	
$ 76 2,4,6-Tribromophenol	330	8.333	8.333	0.000	75	5796	8.60	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	210388	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	96	262089	46.9	
85 Anthracene	178	9.092	9.098	-0.006	96	53647	9.41	
86 Carbazole	167	9.251	9.257	-0.006	80	22772	4.70	
88 Fluoranthene	202	10.222	10.221	0.001	98	261848	47.0	
90 Pyrene	202	10.457	10.457	0.000	98	234807	25.2	
$ 91 Terphenyl-d14	244	10.610	10.616	-0.006	95	41777	6.47	
95 Benzo[a]anthracene	228	11.845	11.845	0.000	93	119591	15.0	
* 96 Chrysene-d12	240	11.857	11.857	0.000	99	302189	40.0	
97 Chrysene	228	11.886	11.898	-0.012	95	118325	16.3	
100 Benzo[b]fluoranthene	252	13.298	13.304	-0.006	97	92402	18.9	
101 Benzo[k]fluoranthene	252	13.333	13.345	-0.012	0	41503	8.00	
102 Benzo[a]pyrene	252	13.757	13.762	-0.005	96	60931	12.9	
* 103 Perylene-d12	264	13.839	13.839	0.000	98	195804	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.315	15.321	-0.006	94	22816	4.49	
105 Dibenz(a,h)anthracene	278	15.351	15.356	-0.005	45	5674	1.24	
106 Benzo[g,h,i]perylene	276	15.698	15.703	-0.005	90	19504	3.65	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D
Lims ID: 460-78044-F-1-A Lab Sample ID: 460-78044-1
Client ID: S-1
Sample Type: Client
Inject. Date: 24-Jun-2014 14:29:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0014942-029
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:43:01 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:36:17

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
192-97-2 Benzo[e]pyrene								
13.680	120861	9.23	103	97	89816	C20H12	252	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	13.839	523711	40.0

QC Flag Legend

Processing Flags

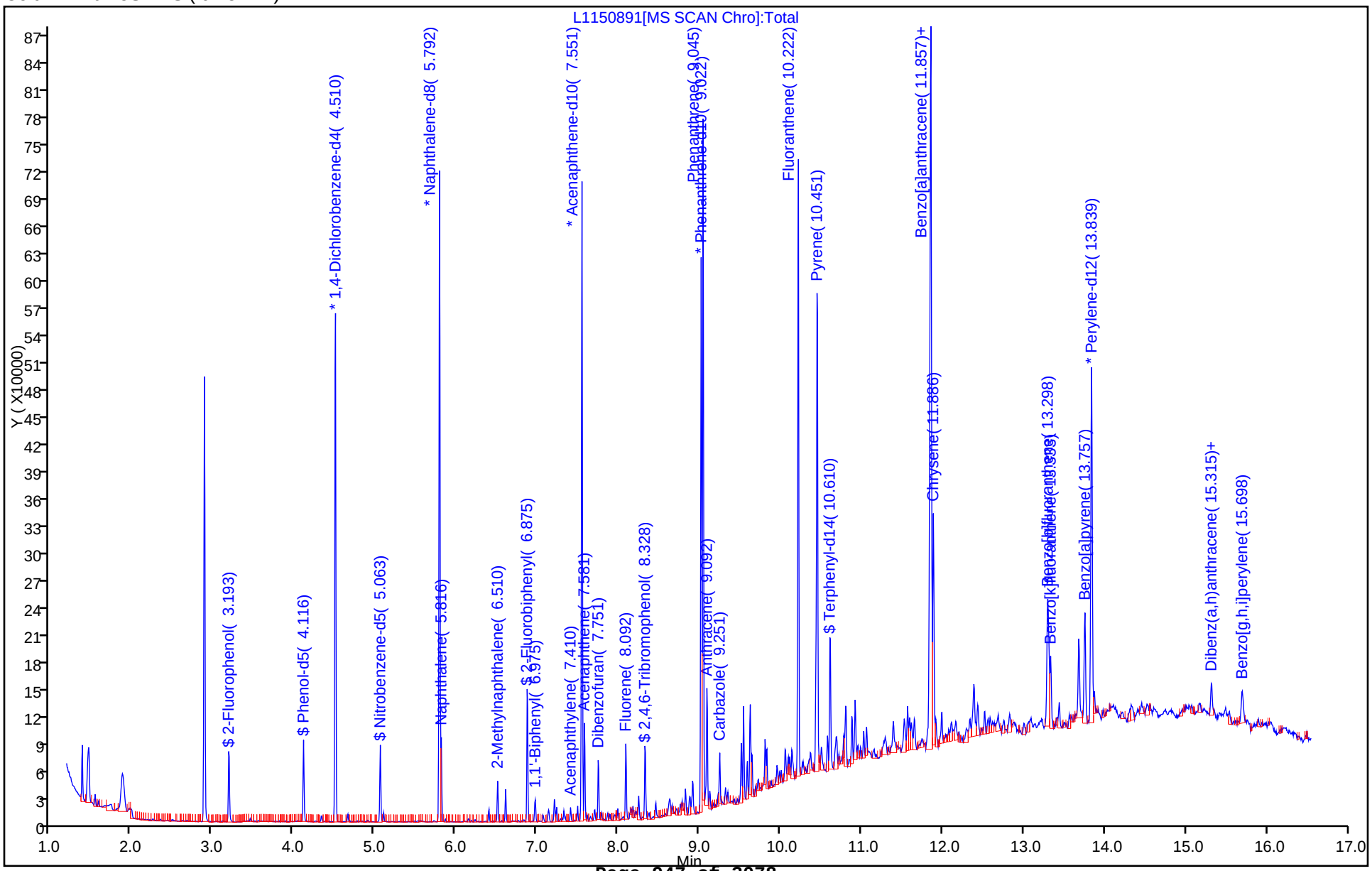
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1	Worklist Smp#:	29
Client ID:	S-1				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	29
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



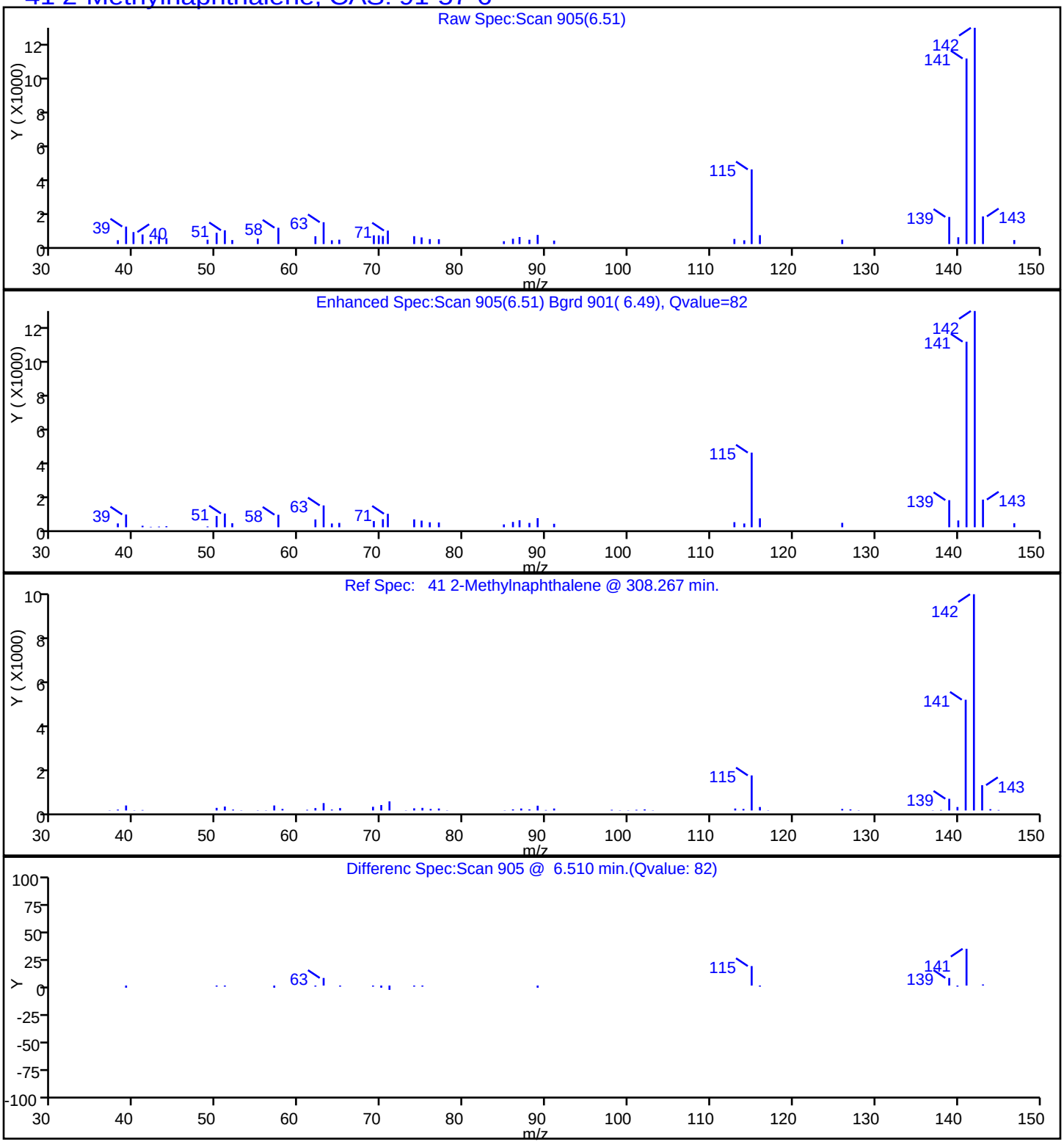
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



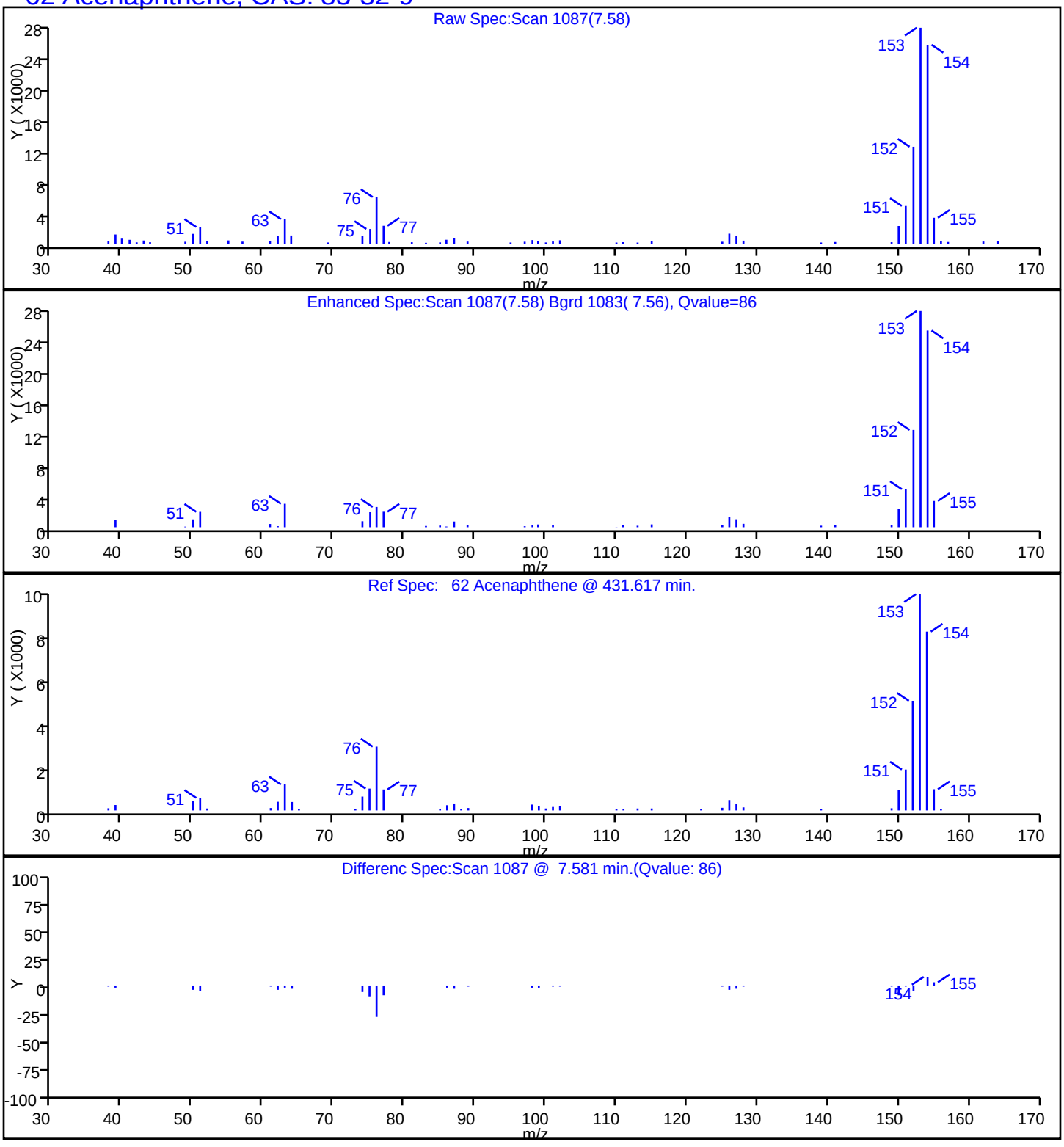
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



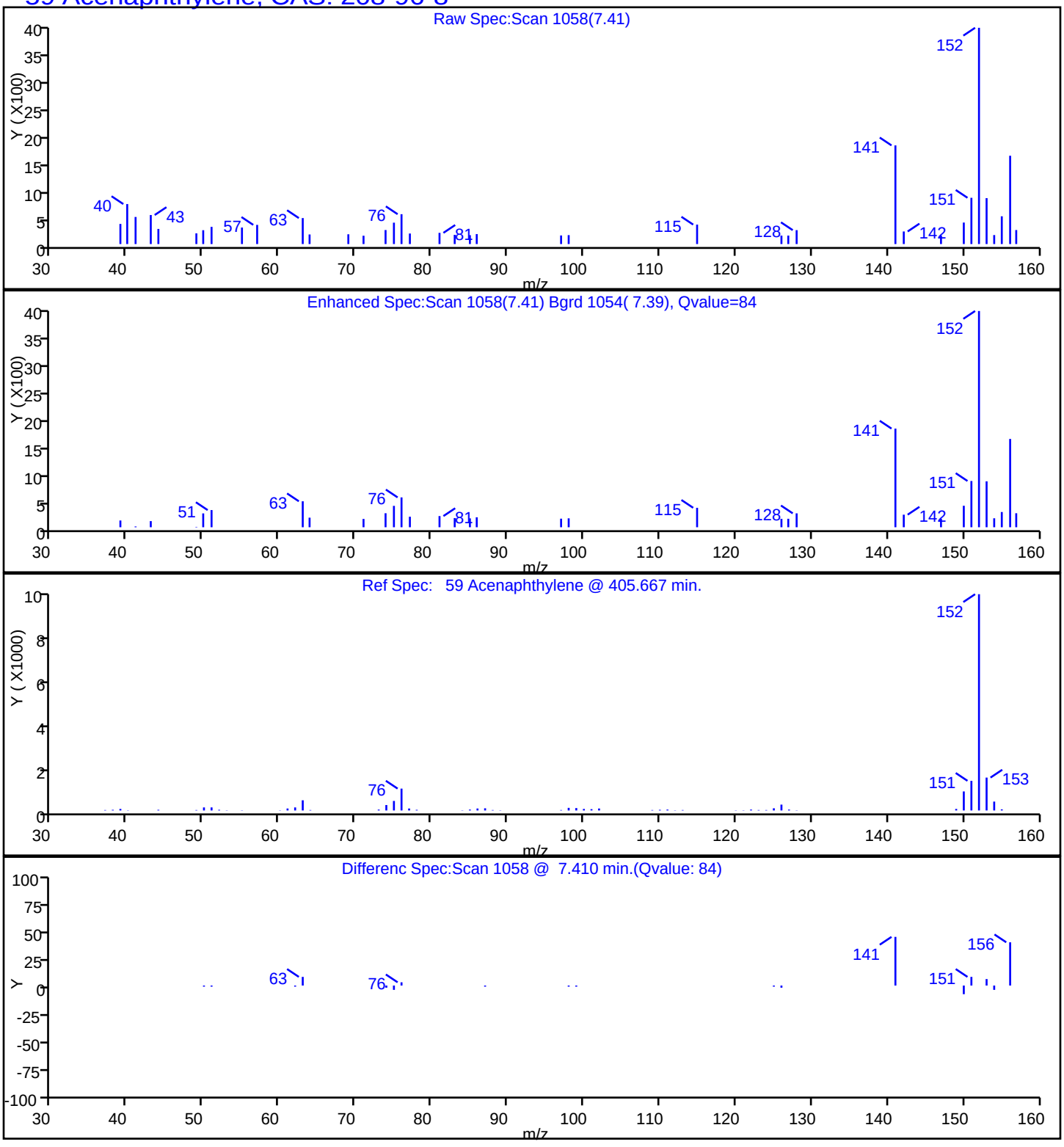
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



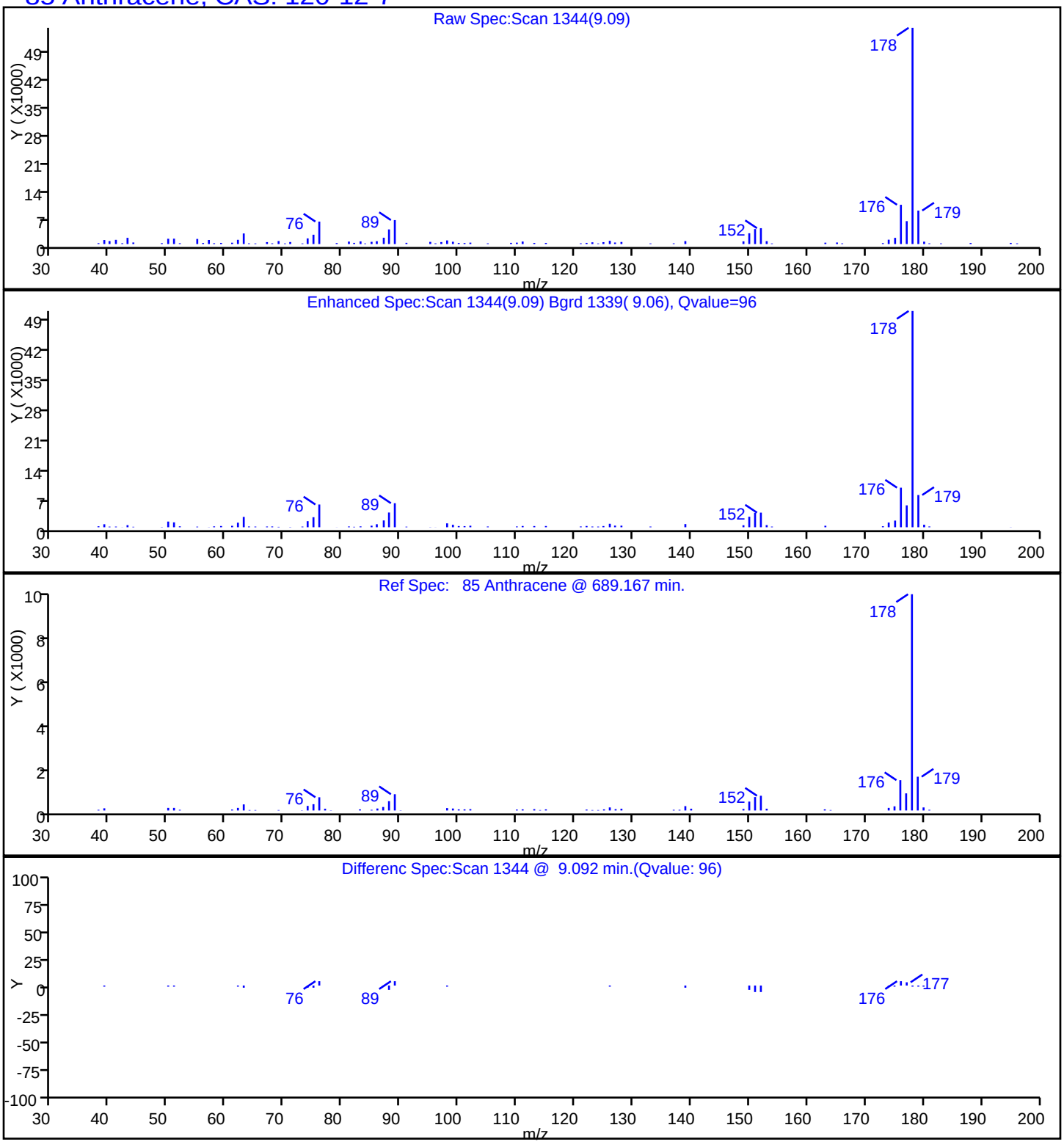
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7

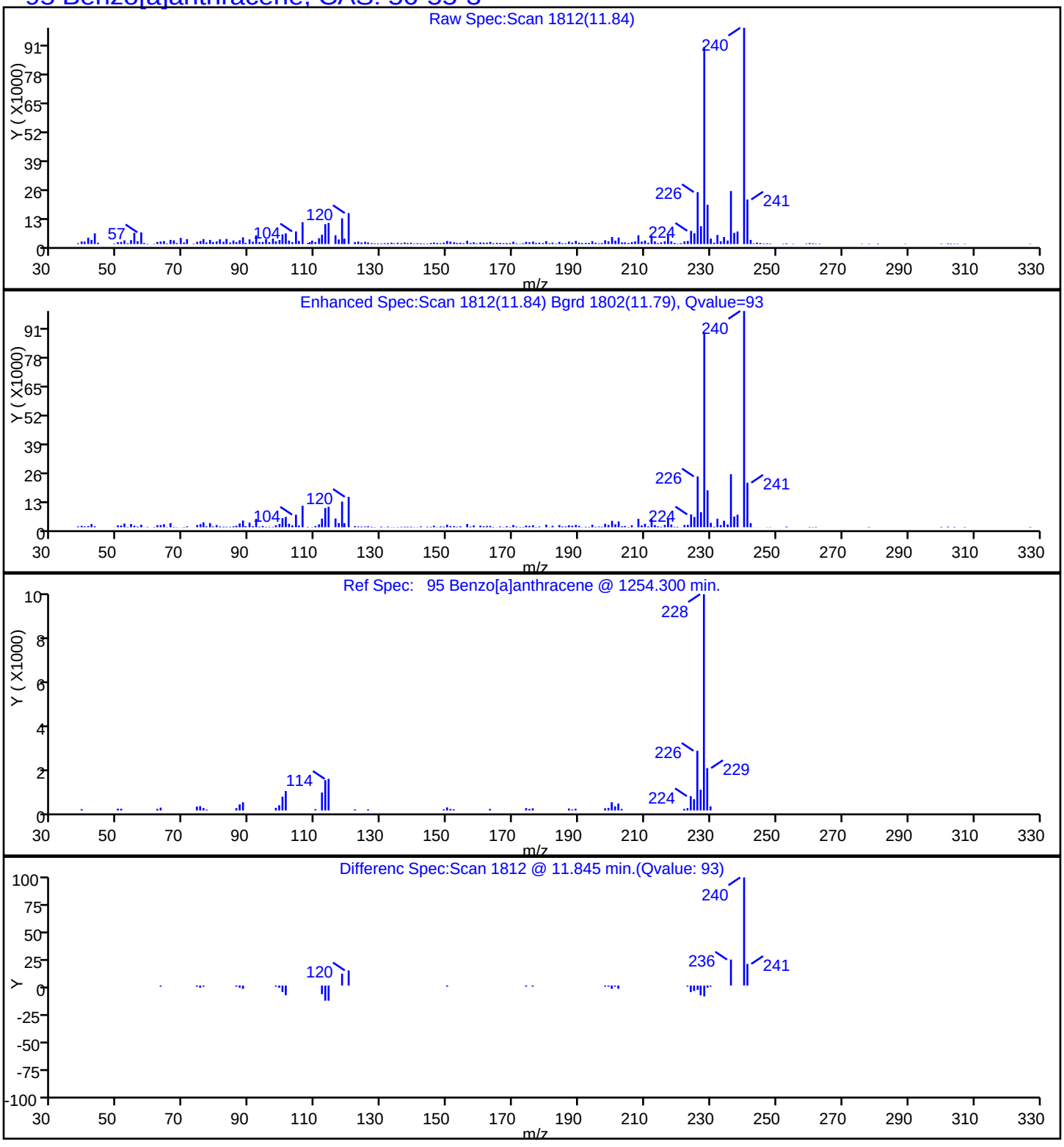


Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3



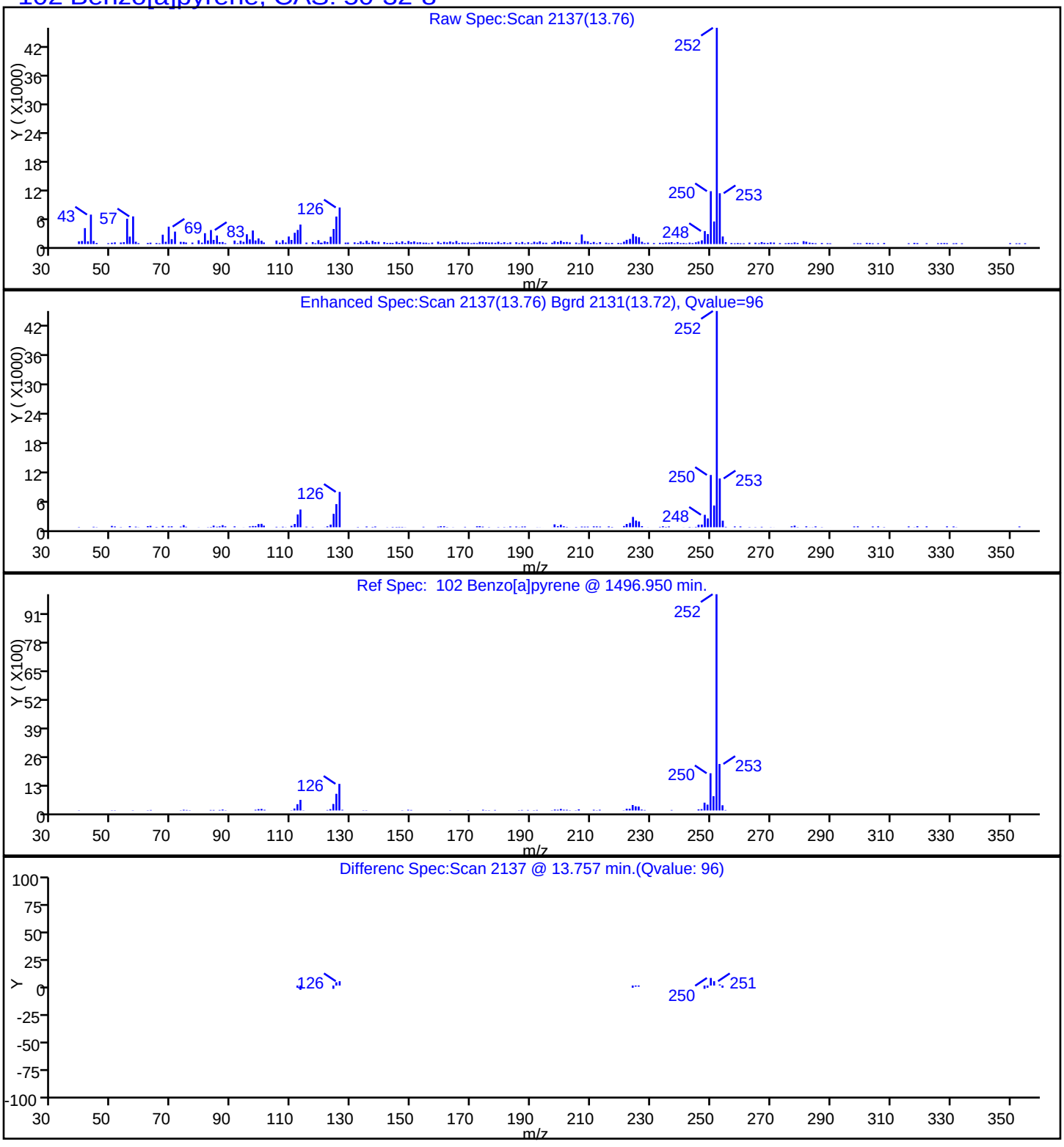
Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8

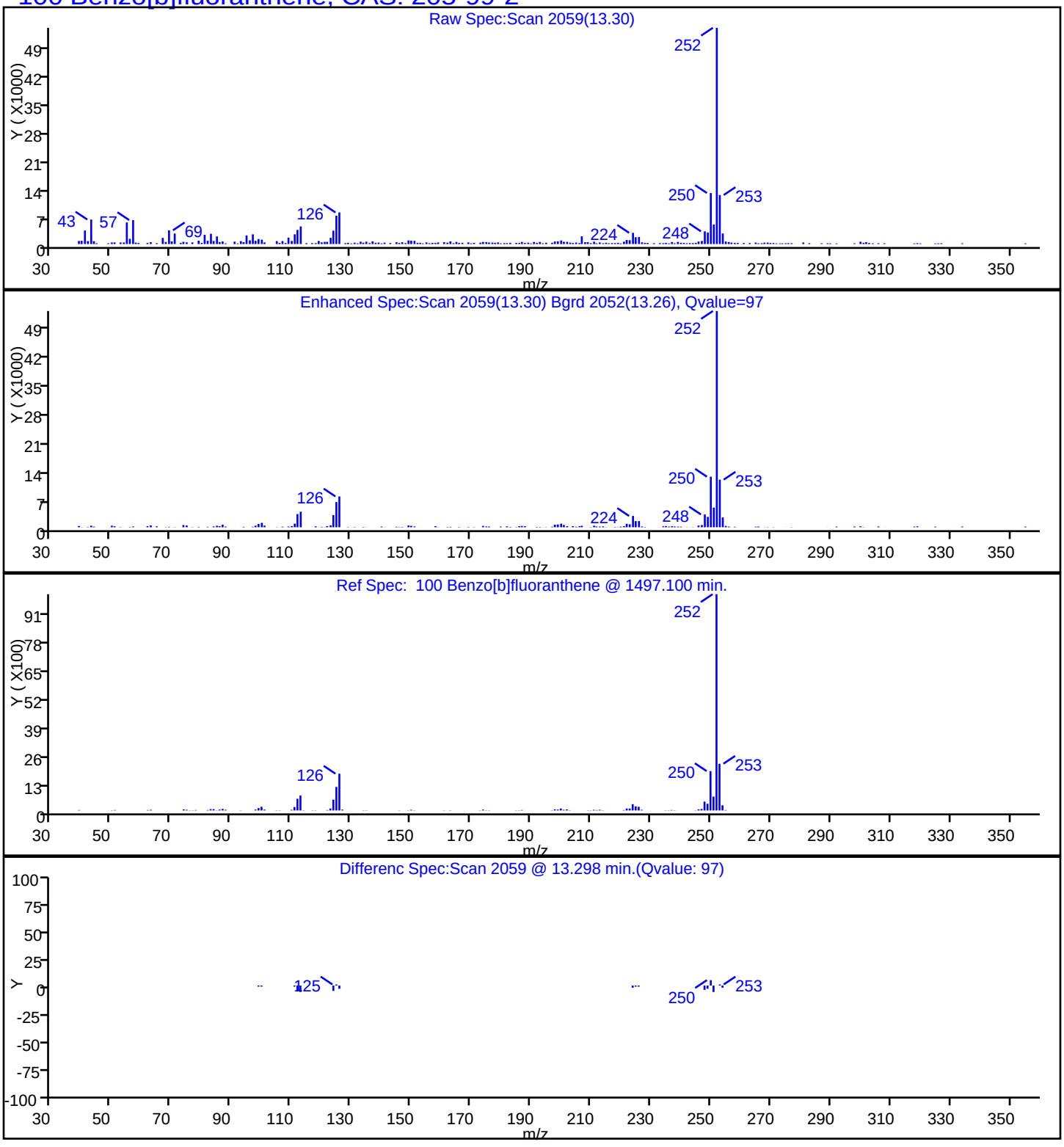


Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



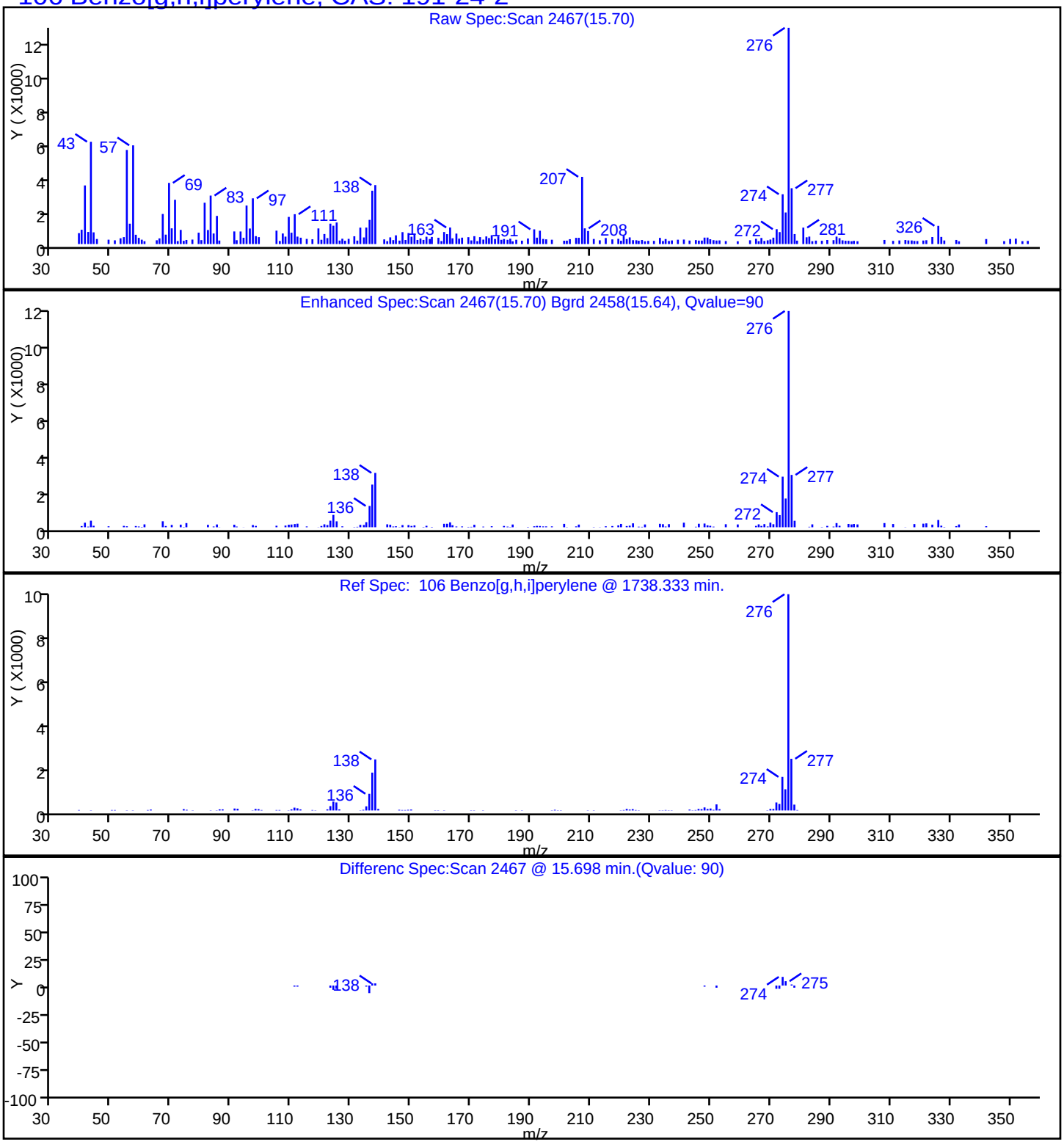
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2



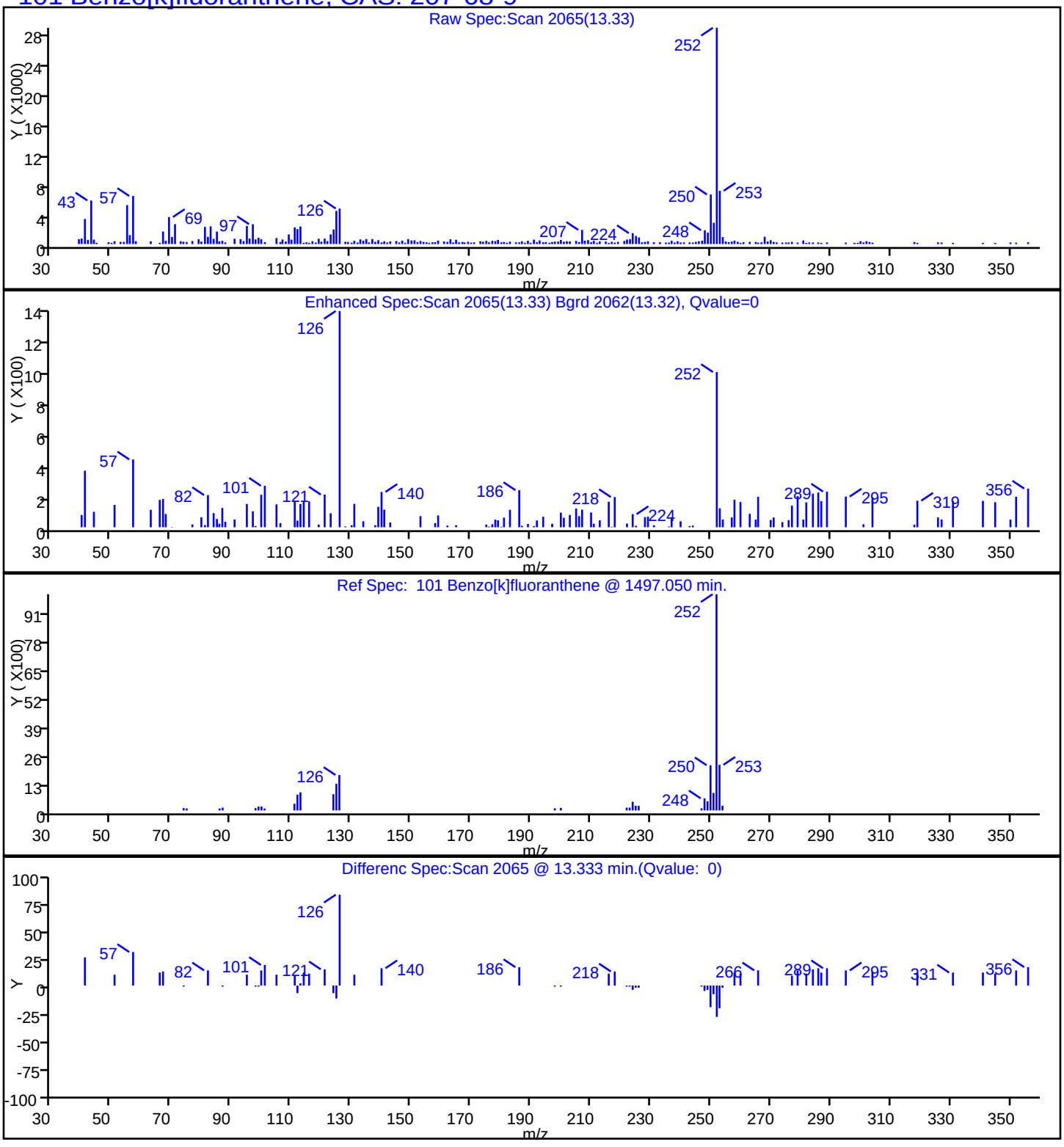
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

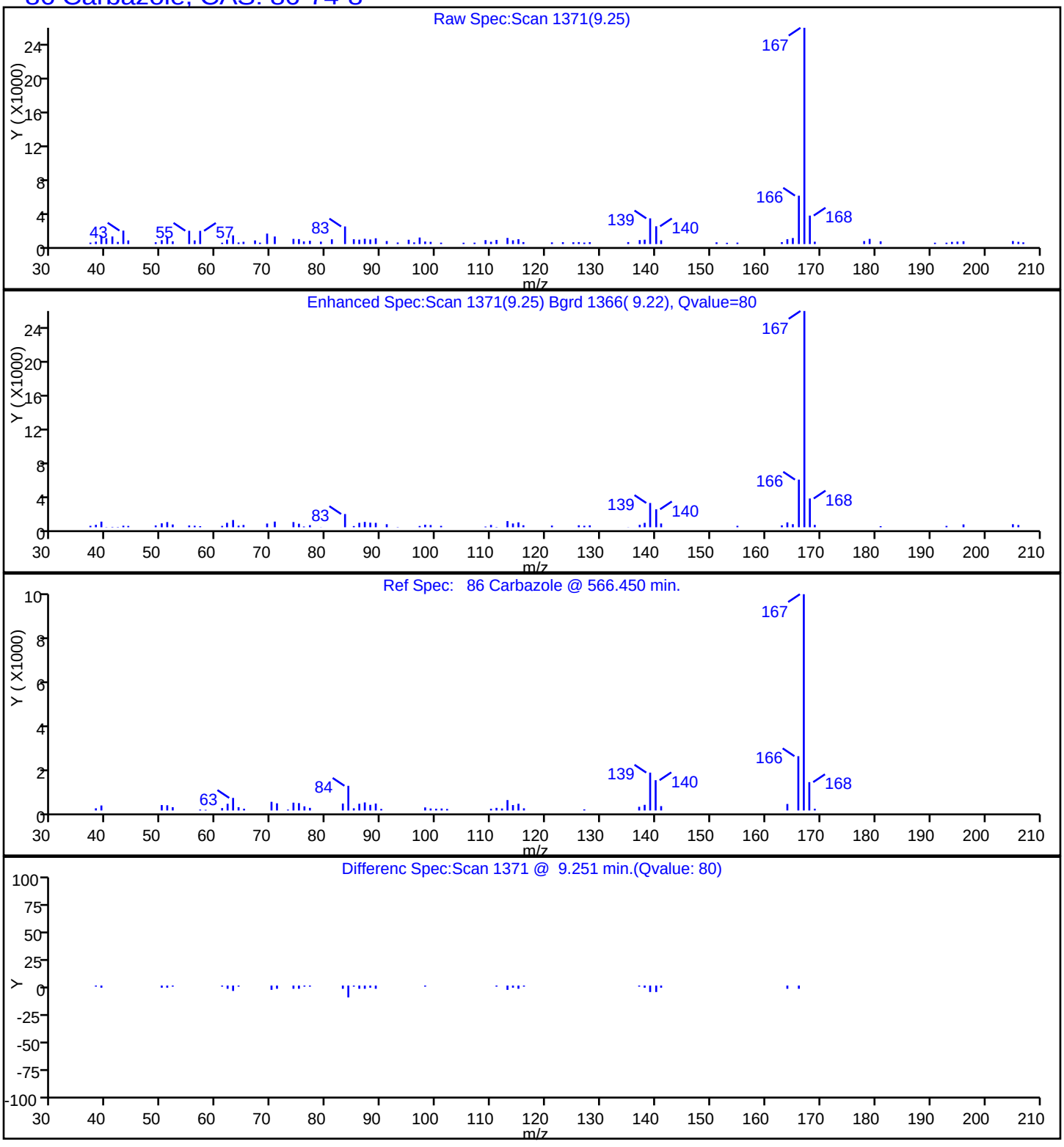


Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8

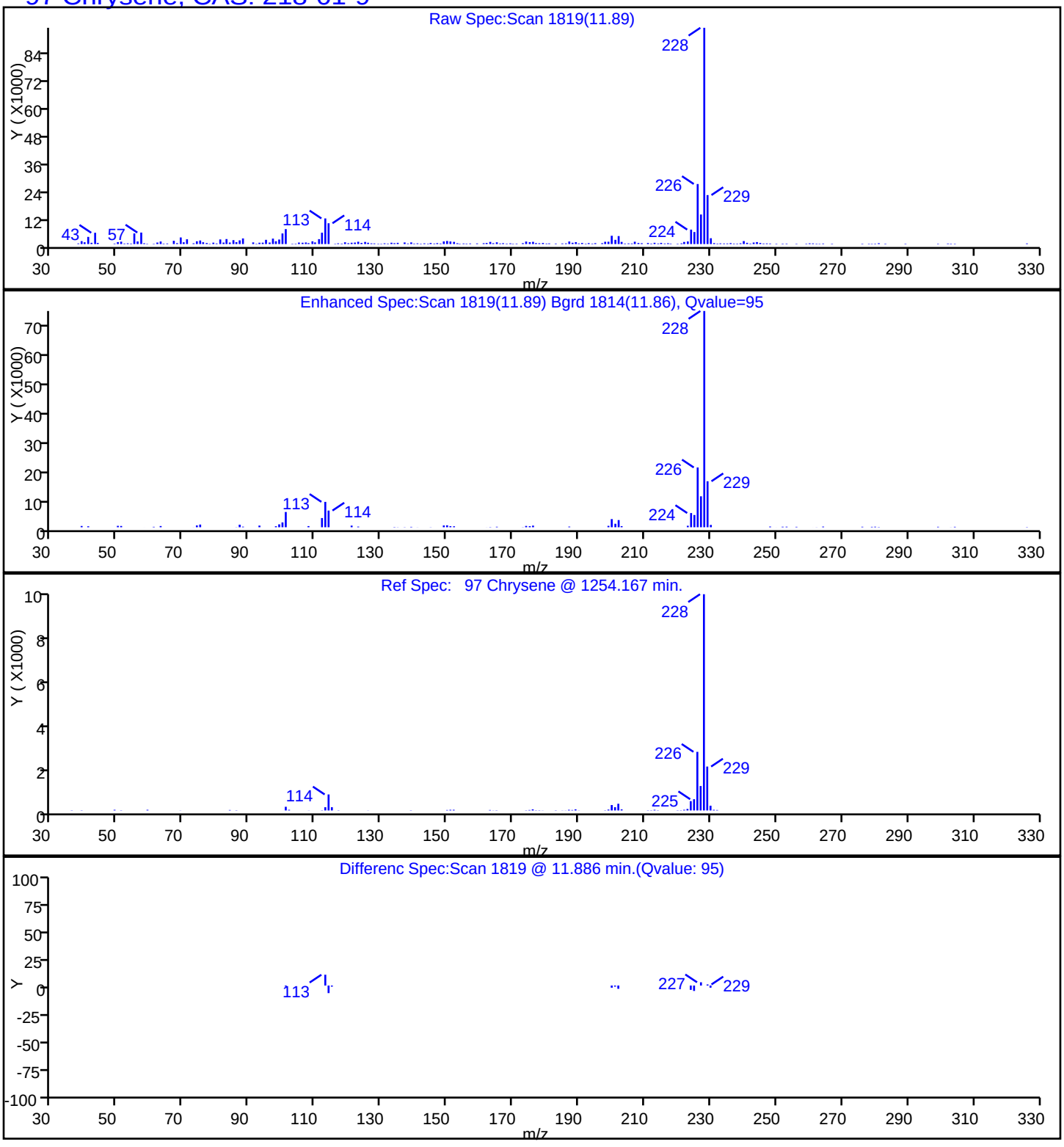


Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9

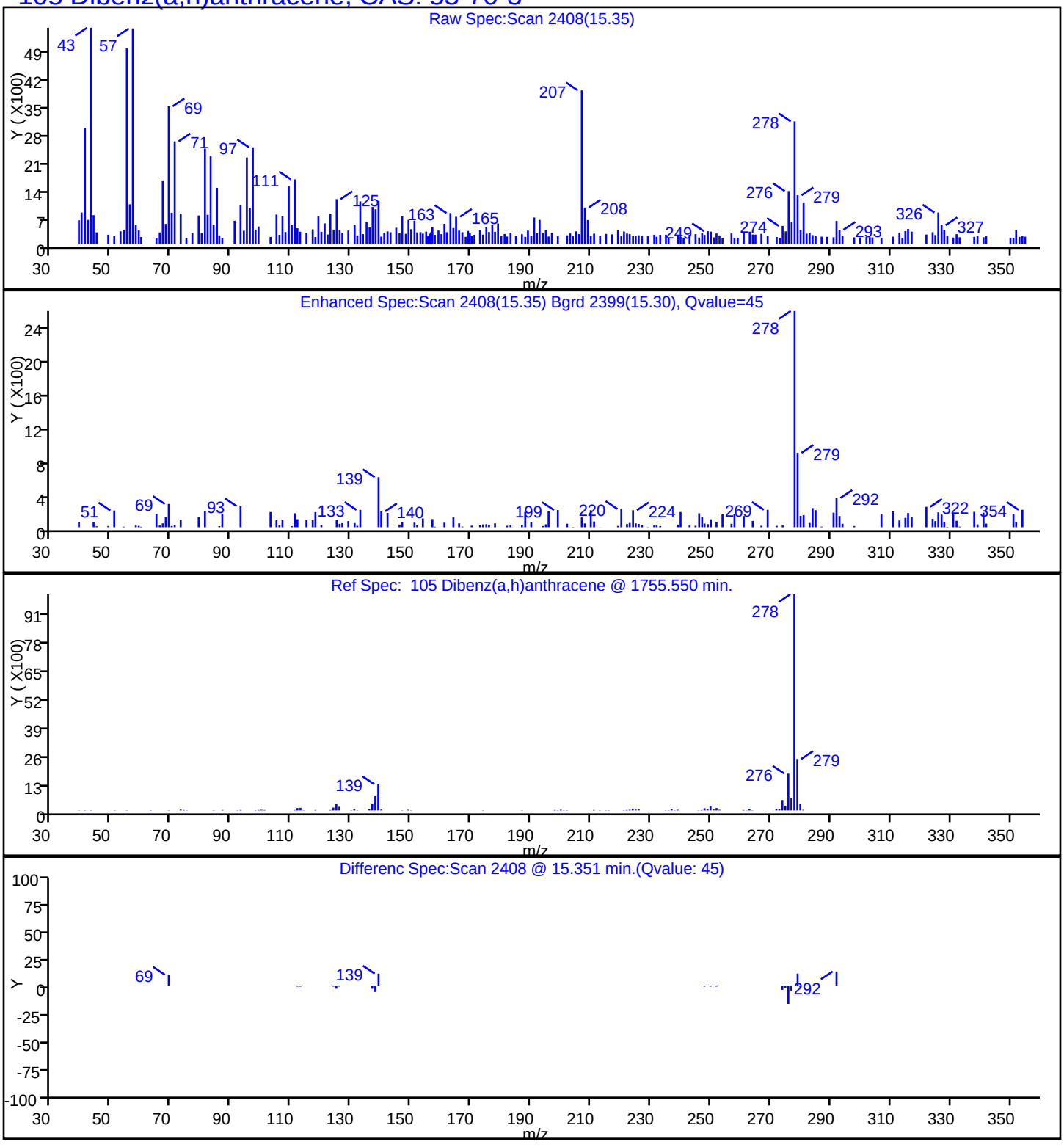


Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



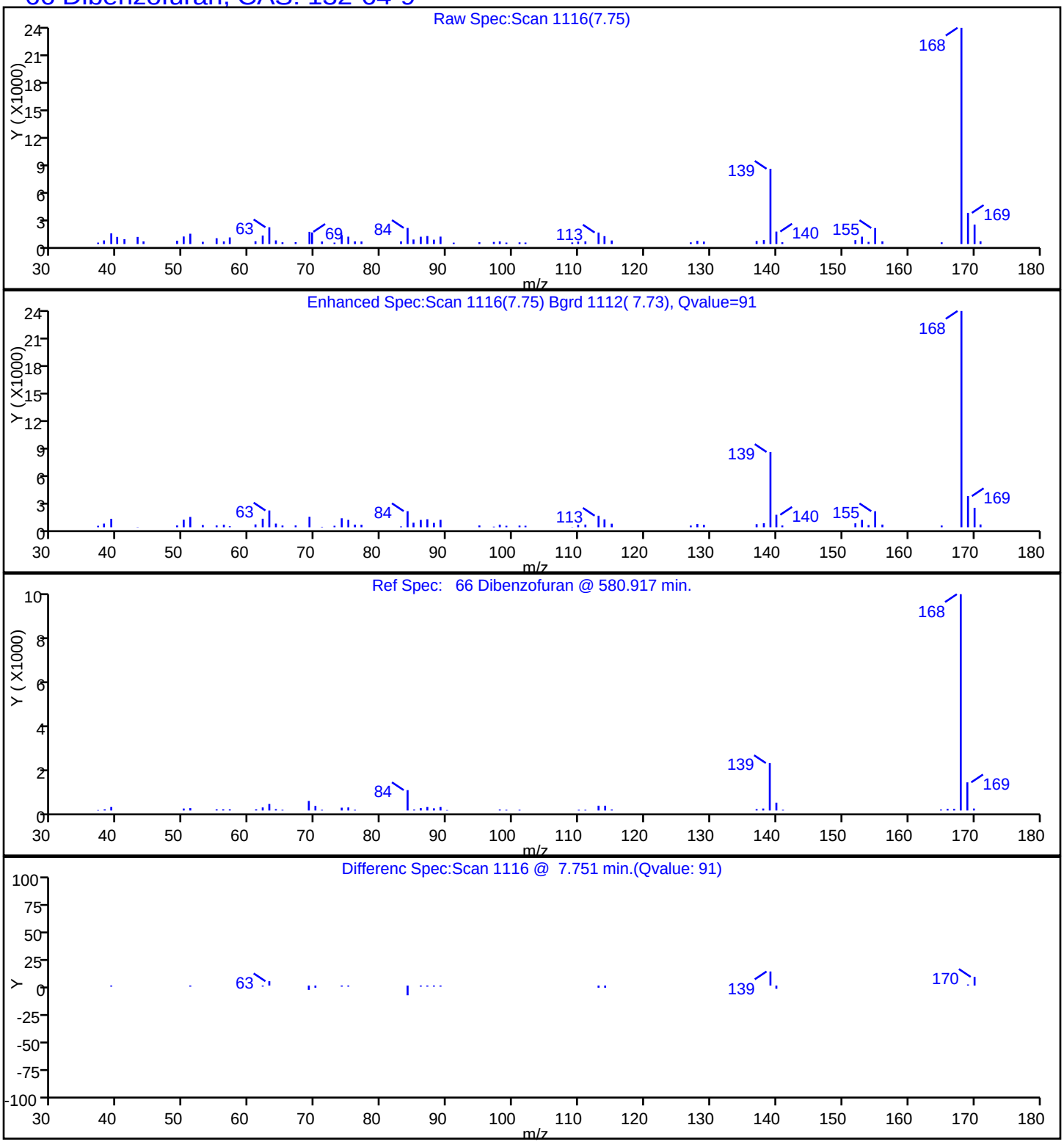
Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



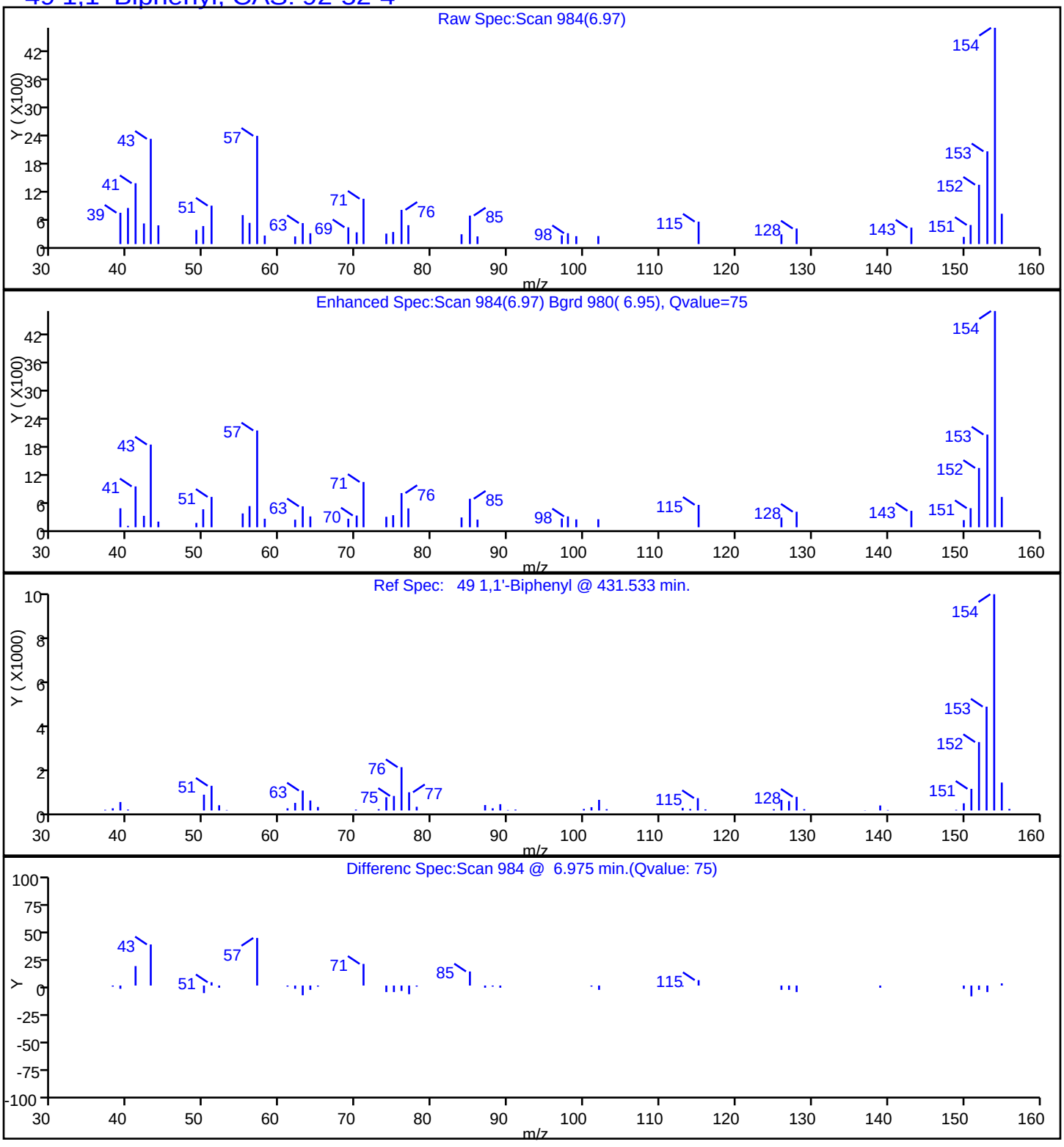
Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



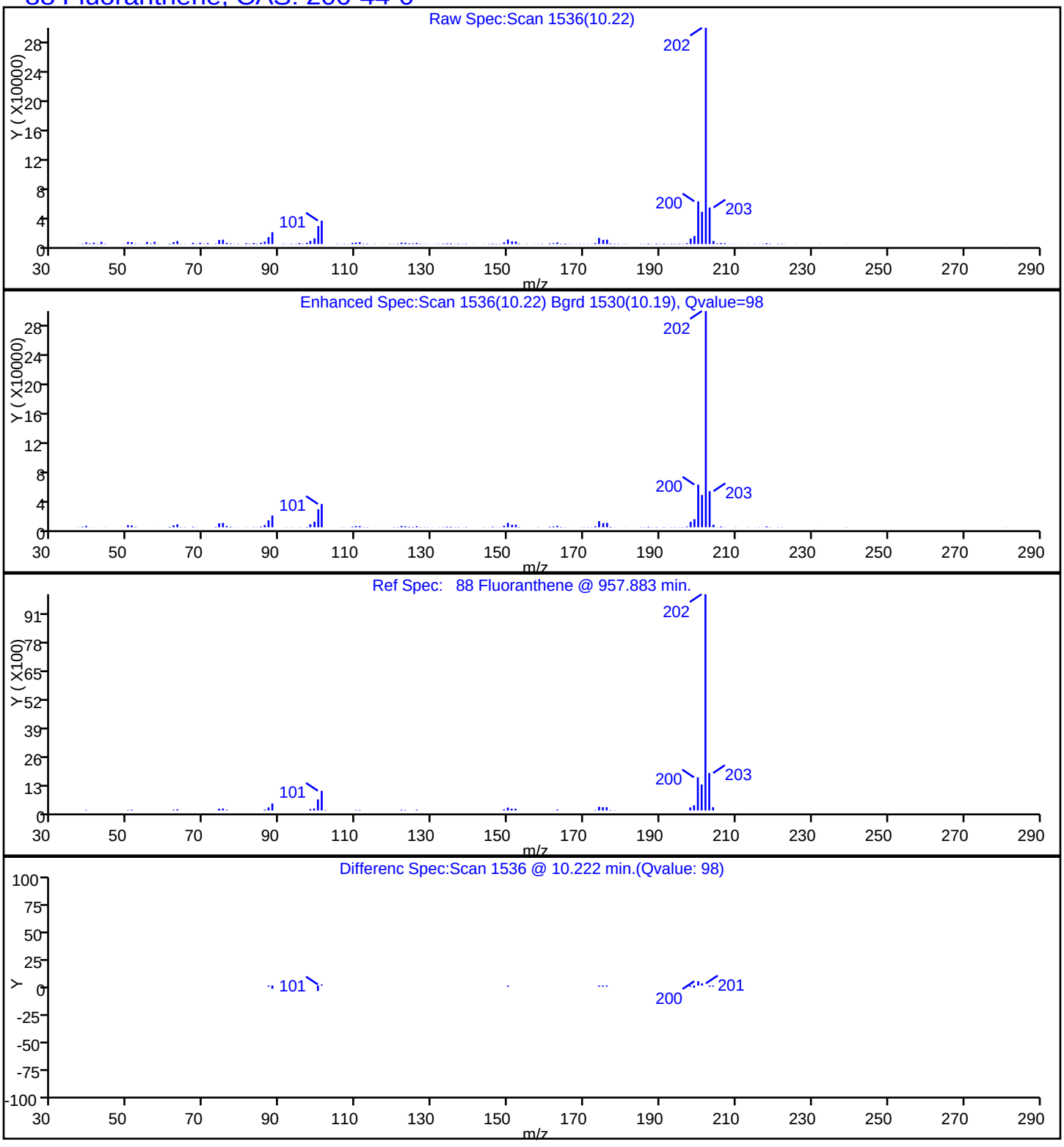
Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



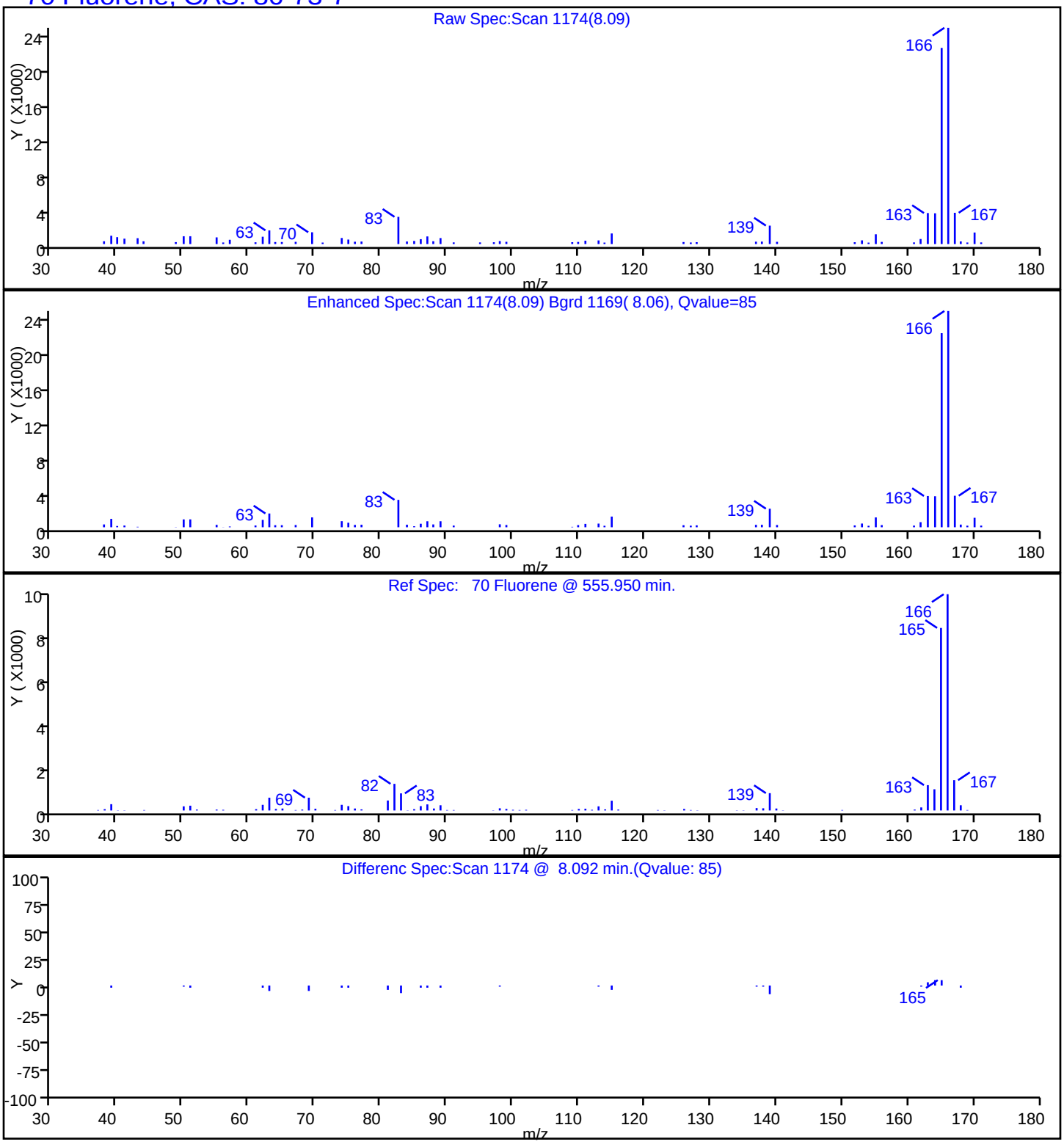
Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7

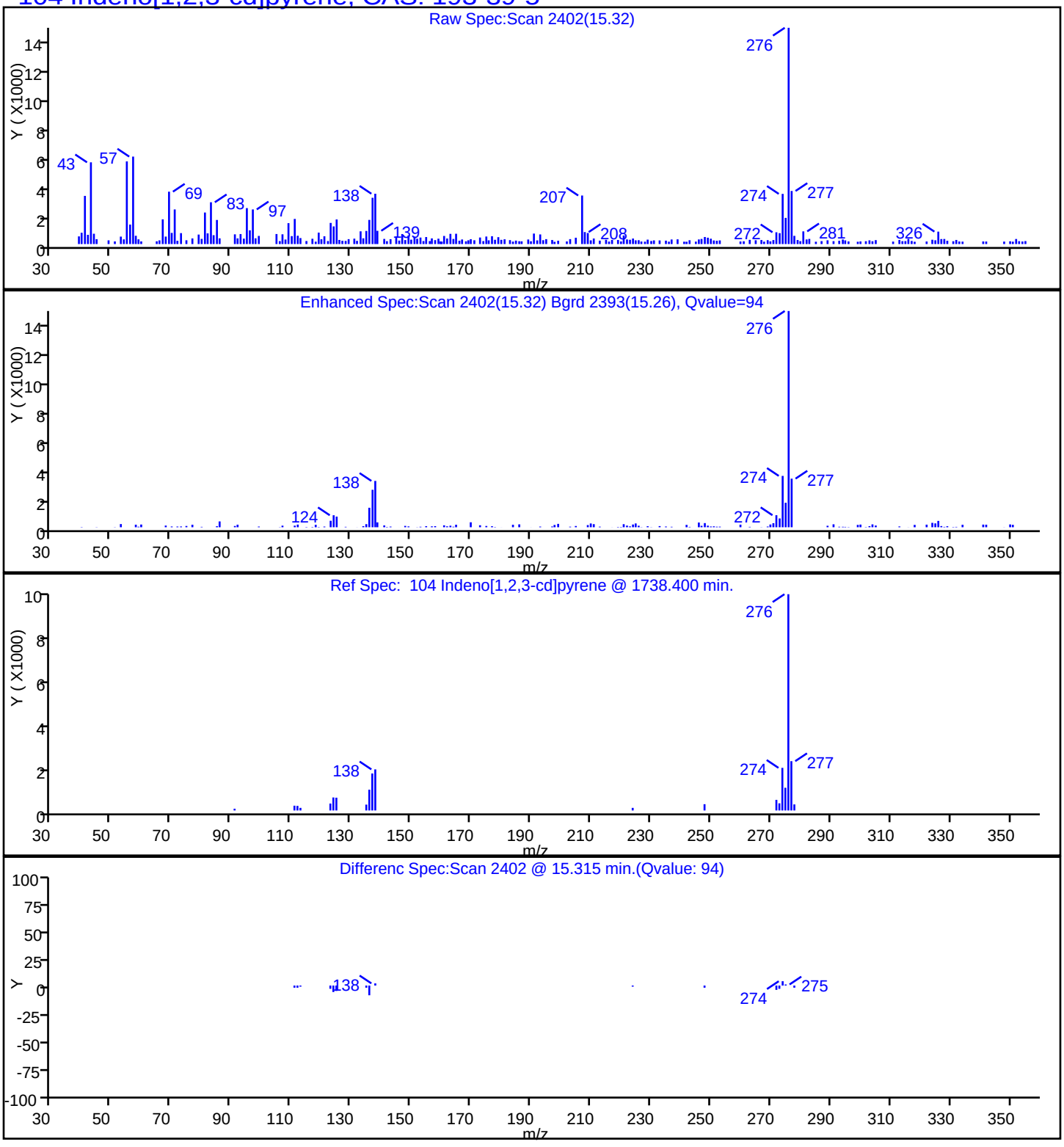


Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

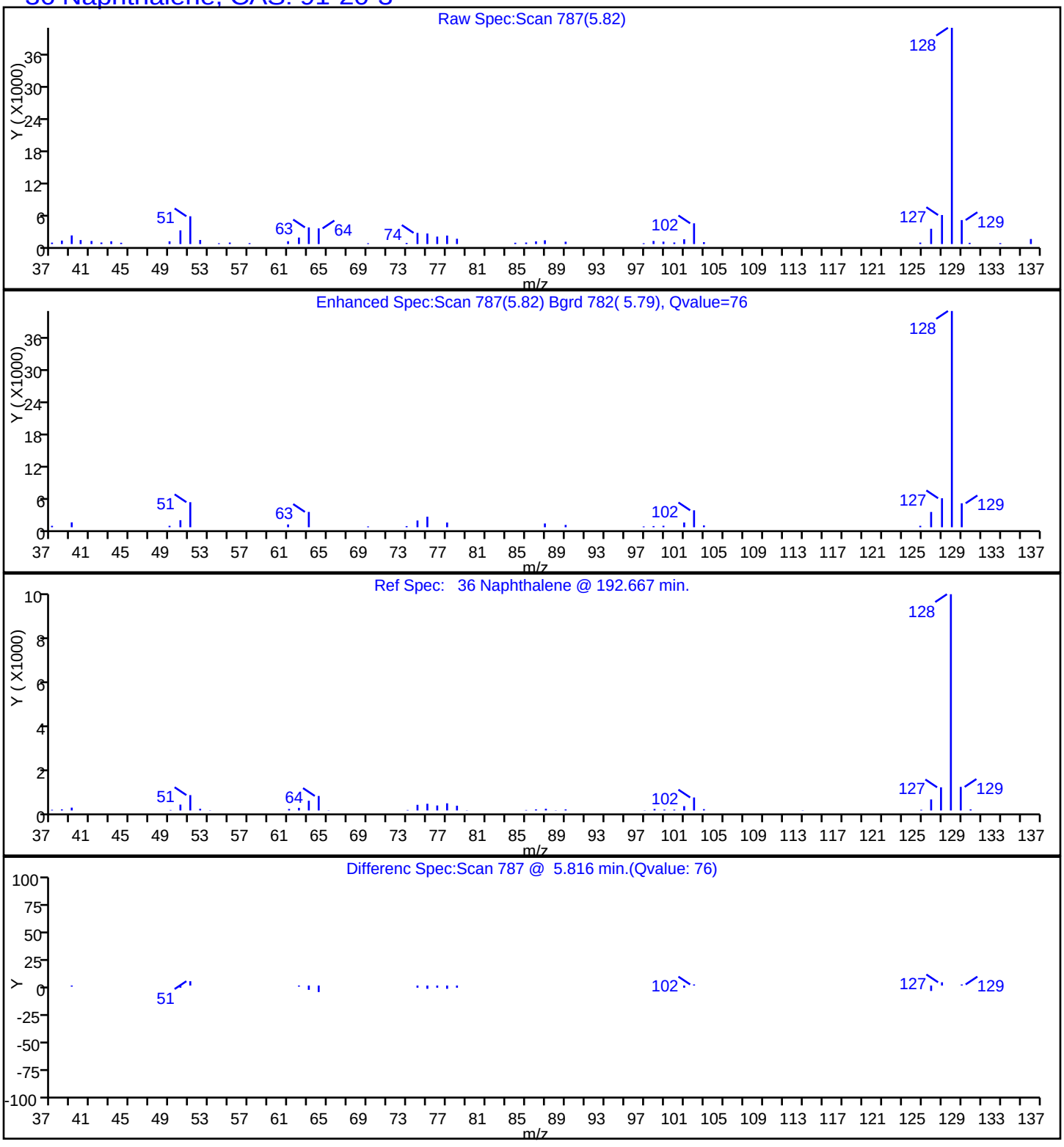


Report Date: 24-Jun-2014 16:43:02 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3

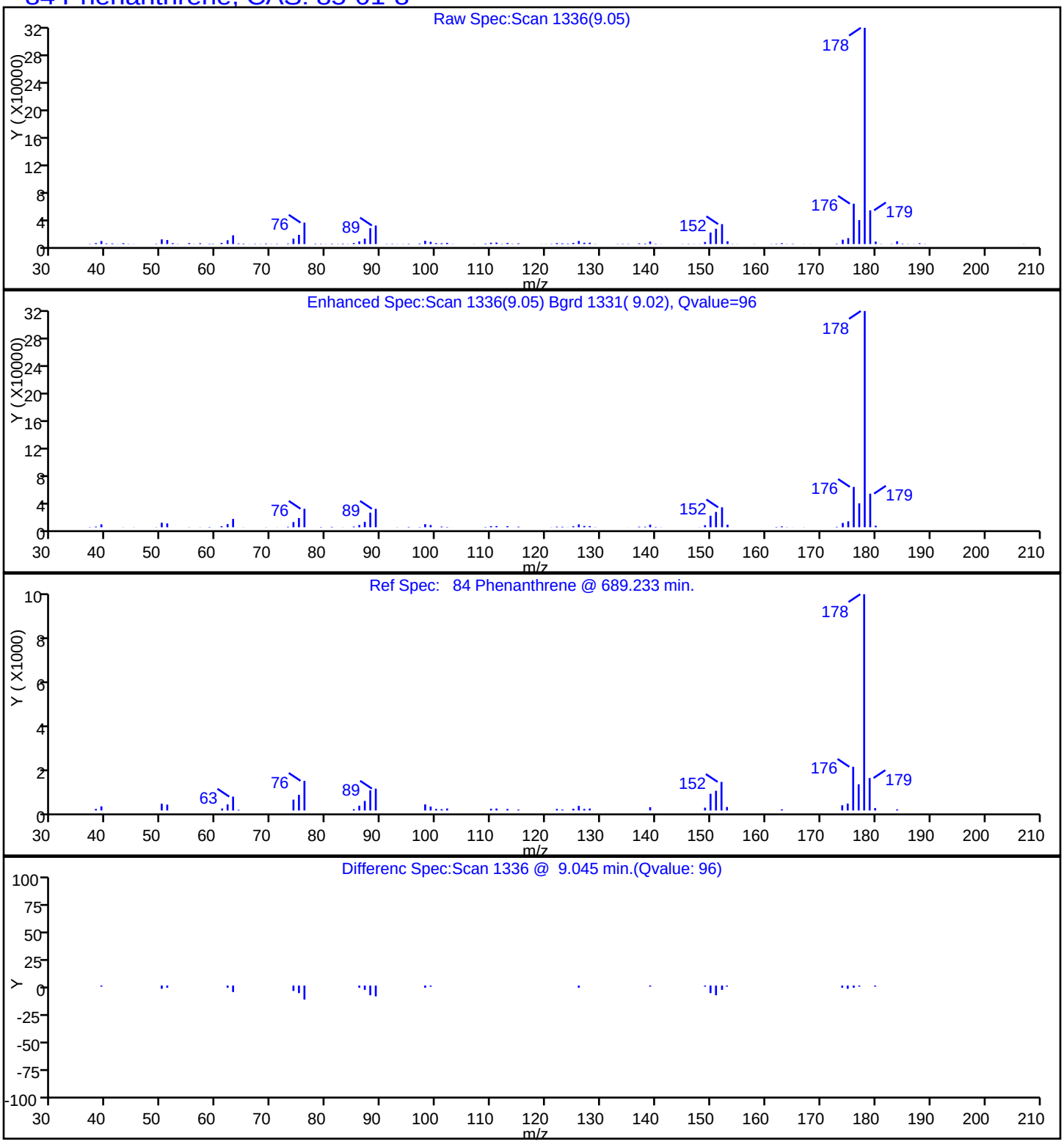


Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D				
Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



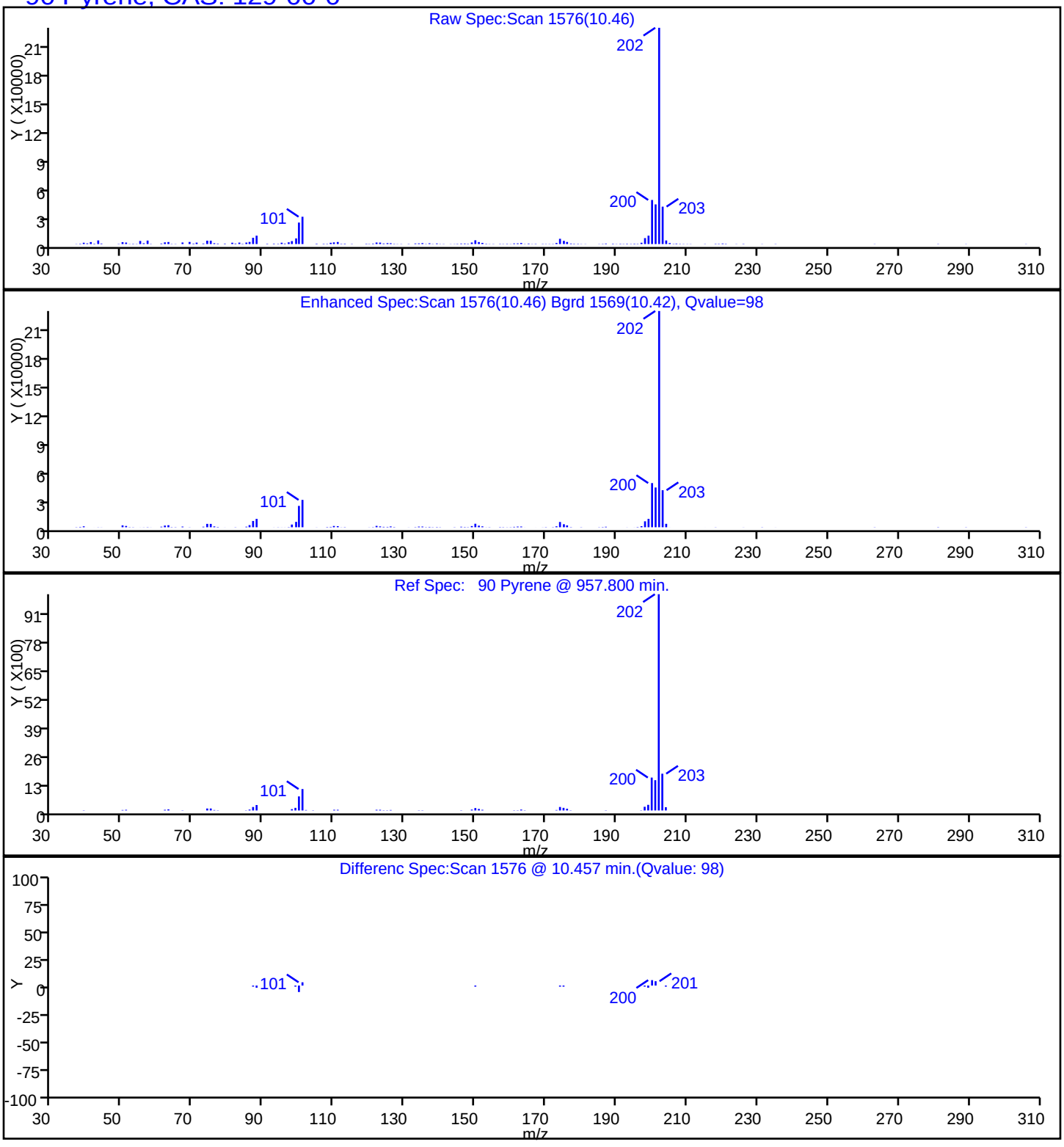
Report Date: 24-Jun-2014 16:43:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date:	24-Jun-2014 14:29:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-1-A	Lab Sample ID:	460-78044-1		
Client ID:	S-1				
Operator ID:	BNA 12	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 24-Jun-2014 16:43:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150891.D

Injection Date: 24-Jun-2014 14:29:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-1-A Lab Sample ID: 460-78044-1

Client ID: S-1

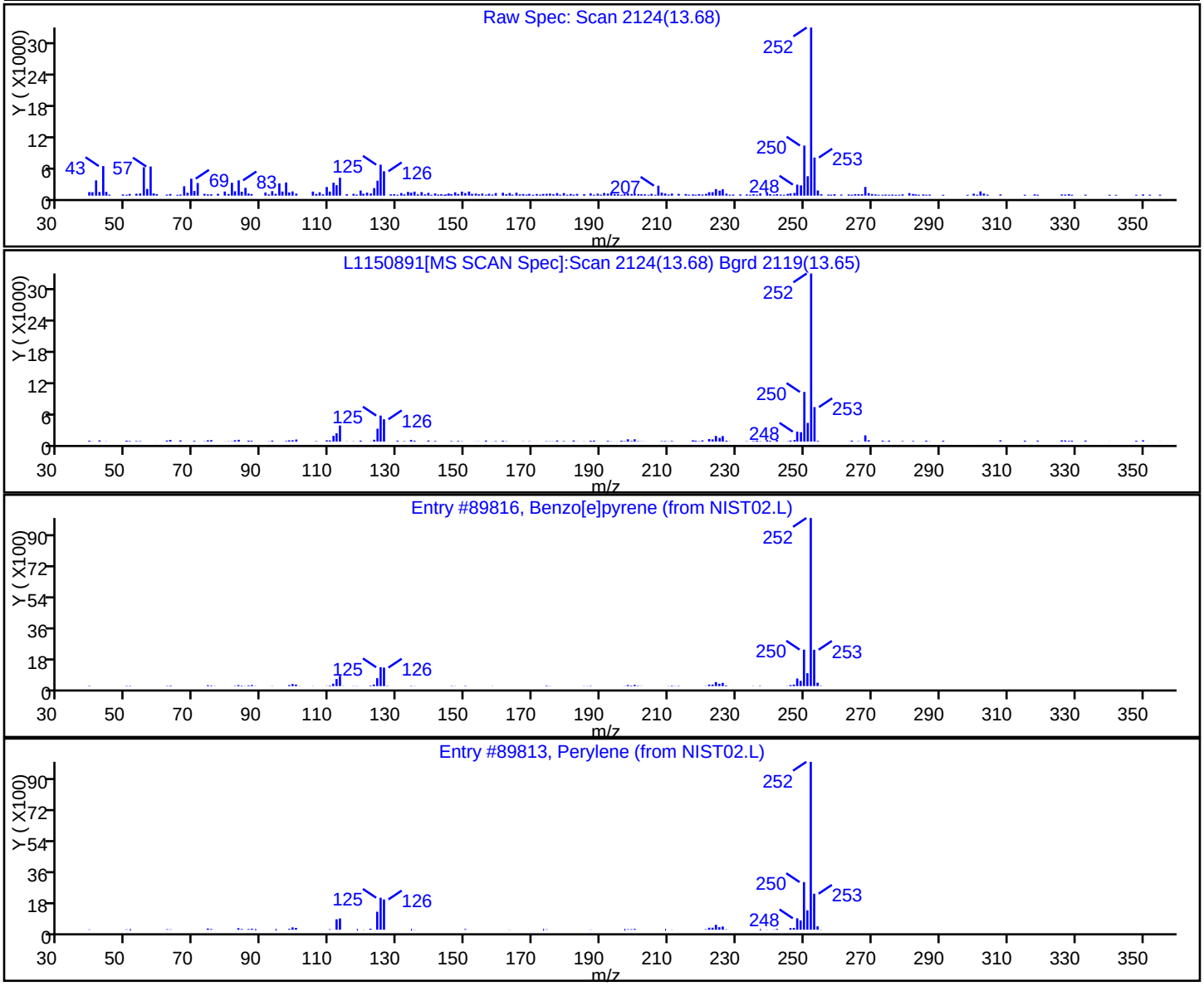
Operator ID: BNA 12 ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	97
Perylene	198-55-0	NIST02.L	89813	C20H12	252	93



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Matrix: Solid | Lab File ID: L1150912.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.98(g) | Date Analyzed: 06/25/2014 01:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	810	110
108-60-1	2,2'-oxybis[1-chloropropane]	90	U	810	90
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	810	110
95-95-4	2,4,5-Trichlorophenol	110	U	810	110
88-06-2	2,4,6-Trichlorophenol	96	U	810	96
120-83-2	2,4-Dichlorophenol	120	U	810	120
105-67-9	2,4-Dimethylphenol	200	U	810	200
51-28-5	2,4-Dinitrophenol	460	U	1700	460
121-14-2	2,4-Dinitrotoluene	27	U	170	27
606-20-2	2,6-Dinitrotoluene	25	U	170	25
91-58-7	2-Chloronaphthalene	91	U	810	91
95-57-8	2-Chlorophenol	110	U	810	110
91-57-6	2-Methylnaphthalene	490	J	810	100
95-48-7	2-Methylphenol	140	U	810	140
88-74-4	2-Nitroaniline	340	U	810	340
88-75-5	2-Nitrophenol	91	U	810	91
91-94-1	3,3'-Dichlorobenzidine	290	U	810	290
99-09-2	3-Nitroaniline	290	U	810	290
534-52-1	4,6-Dinitro-2-methylphenol	220	U	1700	220
101-55-3	4-Bromophenyl phenyl ether	81	U	810	81
59-50-7	4-Chloro-3-methylphenol	120	U	810	120
106-47-8	4-Chloroaniline	220	U	810	220
7005-72-3	4-Chlorophenyl phenyl ether	96	U	810	96
106-44-5	4-Methylphenol	160	U	810	160
100-01-6	4-Nitroaniline	250	U	1700	250
100-02-7	4-Nitrophenol	530	U	810	530
83-32-9	Acenaphthene	610	J	810	120
208-96-8	Acenaphthylene	330	J	810	97
98-86-2	Acetophenone	130	U	810	130
120-12-7	Anthracene	1500		810	99
1912-24-9	Atrazine	130	U	810	130
100-52-7	Benzaldehyde	96	U	810	96
56-55-3	Benzo[a]anthracene	4200		81	5.7
50-32-8	Benzo[a]pyrene	4200		81	5.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Matrix: Solid | Lab File ID: L1150912.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.98(g) | Date Analyzed: 06/25/2014 01:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	5300		81	5.2
191-24-2	Benzo[g,h,i]perylene	2600	*	810	61
207-08-9	Benzo[k]fluoranthene	2000		81	6.2
111-91-1	Bis(2-chloroethoxy)methane	110	U	810	110
111-44-4	Bis(2-chloroethyl)ether	11	U	81	11
117-81-7	Bis(2-ethylhexyl) phthalate	270	U	810	270
85-68-7	Butyl benzyl phthalate	75	U	810	75
105-60-2	Caprolactam	190	U	810	190
86-74-8	Carbazole	670	J	810	97
218-01-9	Chrysene	5300		810	95
53-70-3	Dibenz(a,h)anthracene	710		81	10
132-64-9	Dibenzofuran	580	J	810	96
84-66-2	Diethyl phthalate	97	U	810	97
131-11-3	Dimethyl phthalate	97	U	810	97
84-74-2	Di-n-butyl phthalate	100	U	810	100
117-84-0	Di-n-octyl phthalate	52	U	810	52
92-52-4	Diphenyl	200	J	810	110
206-44-0	Fluoranthene	8500		810	110
86-73-7	Fluorene	700	J	810	100
118-74-1	Hexachlorobenzene	11	U	81	11
87-68-3	Hexachlorobutadiene	20	U	170	20
77-47-4	Hexachlorocyclopentadiene	96	U	810	96
67-72-1	Hexachloroethane	9.1	U	81	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3000		81	15
78-59-1	Isophorone	99	U	810	99
91-20-3	Naphthalene	1200		810	95
98-95-3	Nitrobenzene	12	U *	81	12
621-64-7	N-Nitrosodi-n-propylamine	14	U	81	14
86-30-6	N-Nitrosodiphenylamine	81	U	810	81
87-86-5	Pentachlorophenol	240	U	1700	240
85-01-8	Phenanthrene	6600		810	100
108-95-2	Phenol	110	U	810	110
129-00-0	Pyrene	7400		810	68

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 Lab Sample ID: 460-78044-2

Matrix: Solid Lab File ID: L1150912.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3541 Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.98(g) Date Analyzed: 06/25/2014 01:12

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	82		19-114
321-60-8	2-Fluorobiphenyl	92		49-112
367-12-4	2-Fluorophenol	78		39-103
4165-60-0	Nitrobenzene-d5	83		40-106
4165-62-2	Phenol-d5	79		44-104
1718-51-0	Terphenyl-d14	86		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Matrix: Solid | Lab File ID: L1150912.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.98(g) | Date Analyzed: 06/25/2014 01:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

Number TICs Found: 18 | TIC Result Total: 37390

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2531-84-2	Phenanthrene, 2-methyl-	9.53	1400	J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.61	1500	J N
	Unknown	10.25	1200	J
3442-78-2	Pyrene, 2-methyl-	10.79	780	J N
192-97-2	Benzo[e]pyrene	13.42	860	J N
192-97-2	Benzo[e]pyrene	13.66	3300	J N
198-55-0	Perylene	13.85	1300	J N
	Unknown	14.19	820	J
	Unknown	14.43	870	J
193-43-1	Indeno[1,2,3-cd]fluoranthene	15.15	1800	J N
474-62-4	Campesterol	15.42	3400	J N
213-46-7	1,2:7,8-Dibenzophenanthrene	15.46	1900	J N
215-58-7	Benzo[b]triphenylene	15.51	2700	J N
	Unknown	15.59	890	J
	Unknown	15.74	970	J
83-47-6	.gamma.-Sitosterol	15.90	8300	J N
	Unknown	16.00	3500	J
	Unknown	16.20	1900	J

Report Date: 25-Jun-2014 11:56:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D
Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2
Client ID: S-2
Sample Type: Client
Inject. Date: 25-Jun-2014 01:12:30 ALS Bottle#: 19 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0014971-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:56:48 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:56:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.187	3.181	0.006	89	58766	19.5	
$ 6 Phenol-d5	99	4.098	4.110	-0.012	69	73302	19.8	
* 13 1,4-Dichlorobenzene-d4	152	4.493	4.492	0.001	96	95428	40.0	
21 4-Methylphenol	108	4.887	4.892	-0.005	46	1547	0.5246	
19 Acetophenone	105	4.893	4.898	-0.005	34	767	0.1913	
$ 25 Nitrobenzene-d5	82	5.045	5.051	-0.006	95	64940	20.6	
* 35 Naphthalene-d8	136	5.775	5.775	0.000	99	335695	40.0	
36 Naphthalene	128	5.798	5.798	0.000	77	60615	7.24	
41 2-Methylnaphthalene	142	6.492	6.498	-0.006	84	16330	2.95	
$ 48 2-Fluorobiphenyl	172	6.857	6.863	-0.006	97	129965	23.0	
49 1,1'-Biphenyl	154	6.957	6.963	-0.006	91	7864	1.24	
59 Acenaphthylene	152	7.392	7.398	-0.006	95	13994	1.98	
* 61 Acenaphthene-d10	164	7.534	7.533	0.001	92	173697	40.0	
62 Acenaphthene	154	7.563	7.569	-0.006	87	16962	3.72	
66 Dibenzofuran	168	7.734	7.739	-0.005	91	23325	3.50	
70 Fluorene	166	8.075	8.080	-0.005	84	22716	4.28	
$ 76 2,4,6-Tribromophenol	330	8.310	8.316	-0.006	95	16865	20.6	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	98	248474	40.0	
84 Phenanthrene	178	9.028	9.027	0.001	95	265811	40.3	
85 Anthracene	178	9.075	9.080	-0.005	97	61961	9.20	
86 Carbazole	167	9.233	9.233	0.000	77	23150	4.05	
87 Di-n-butyl phthalate	149	9.575	9.574	0.001	10	2536	0.3822	
88 Fluoranthene	202	10.204	10.204	0.000	98	341420	51.9	
90 Pyrene	202	10.433	10.433	0.000	97	293100	44.9	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	98	97117	21.5	
95 Benzo[a]anthracene	228	11.816	11.821	-0.005	98	142343	25.5	
* 96 Chrysene-d12	240	11.833	11.827	0.006	99	211702	40.0	
97 Chrysene	228	11.863	11.868	-0.005	94	164771	32.3	
100 Benzo[b]fluoranthene	252	13.274	13.274	0.000	98	268831	32.1	
101 Benzo[k]fluoranthene	252	13.310	13.315	-0.005	1	108949	12.3	
102 Benzo[a]pyrene	252	13.733	13.733	0.000	97	203693	25.3	
* 103 Perylene-d12	264	13.815	13.809	0.006	98	334519	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
104 Indeno[1,2,3-cd]pyrene	276	15.292	15.304	-0.012	99	162952	18.3	
105 Dibenz(a,h)anthracene	278	15.321	15.339	-0.018	88	36762	4.31	
106 Benzo[g,h,i]perylene	276	15.674	15.692	-0.018	93	144447	15.8	

Report Date: 25-Jun-2014 11:56:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D
Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2
Client ID: S-2
Sample Type: Client
Inject. Date: 25-Jun-2014 01:12:30 ALS Bottle#: 19 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0014971-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:56:48 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:56:48

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2531-84-2	Phenanthrene, 2-methyl-						
9.528	149560	8.60	83	97	50627	C15H12	192	
	203-64-5	4H-Cyclopenta[def]phenanthrene						
9.610	155850	8.96	83	93	49337	C15H10	190	
		Unknown						
10.251	130318	7.49	83					
	3442-78-2	Pyrene, 2-methyl-						
10.786	126489	4.73	96	94	67025	C17H12	216	
	192-97-2	Benzo[e]pyrene						
13.416	117745	5.21	103	96	89816	C20H12	252	
	192-97-2	Benzo[e]pyrene						
13.657	448123	19.8	103	98	89816	C20H12	252	
	198-55-0	Perylene						
13.845	177901	7.87	103	94	89812	C20H12	252	
		Unknown						
14.186	112979	5.00	103					
		Unknown						
14.433	119261	5.28	103					
	193-43-1	Indeno[1,2,3-cd]fluoranthene						
15.151	242965	10.8	103	89	104310	C22H12	276	
	474-62-4	Campesterol						
15.415	462965	20.5	103	95	156588	C28H48O	400	
	213-46-7	1,2:7,8-Dibenzophenanthrene						
15.457	262776	11.6	103	93	105339	C22H14	278	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
215-58-7	Benzo[b]triphenylene							
15.509	374114	16.6	103	91	105331	C22H14	278	
	Unknown							
15.586	121728	5.39	103					
	Unknown							
15.739	133611	5.91	103					
83-47-6	.gamma.-Sitosterol							
15.904	1144096	50.6	103	99	159285	C29H50O	414	
	Unknown							
15.998	475416	21.0	103					
	Unknown							
16.198	264420	11.7	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	9.004	695894	40.0
* 96 Chrysene-d12	11.827	1069167	40.0
* 103 Perylene-d12	13.815	903870	40.0

QC Flag Legend

Processing Flags

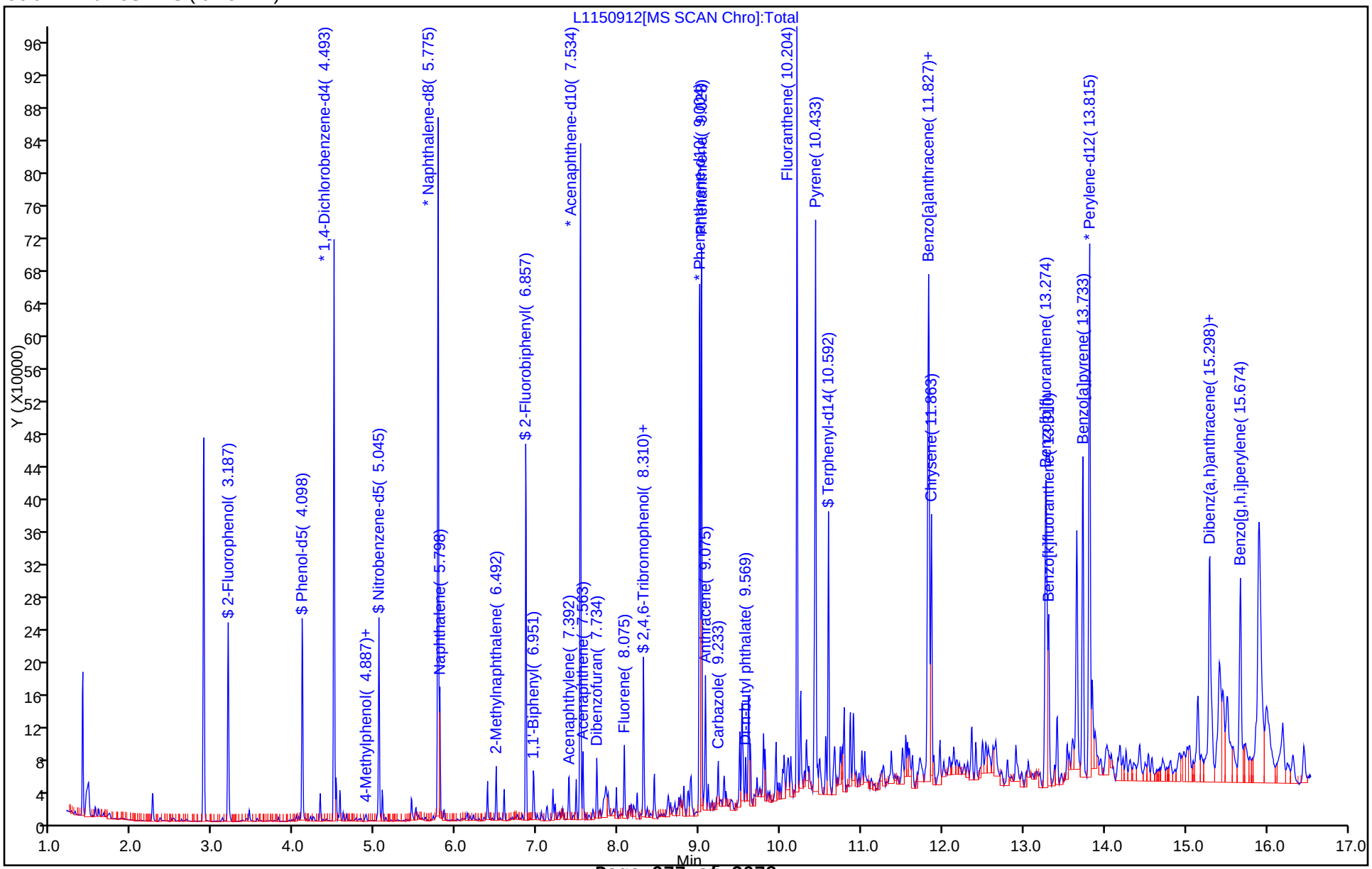
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2	Worklist Smp#:	20
Client ID:	S-2				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	19
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



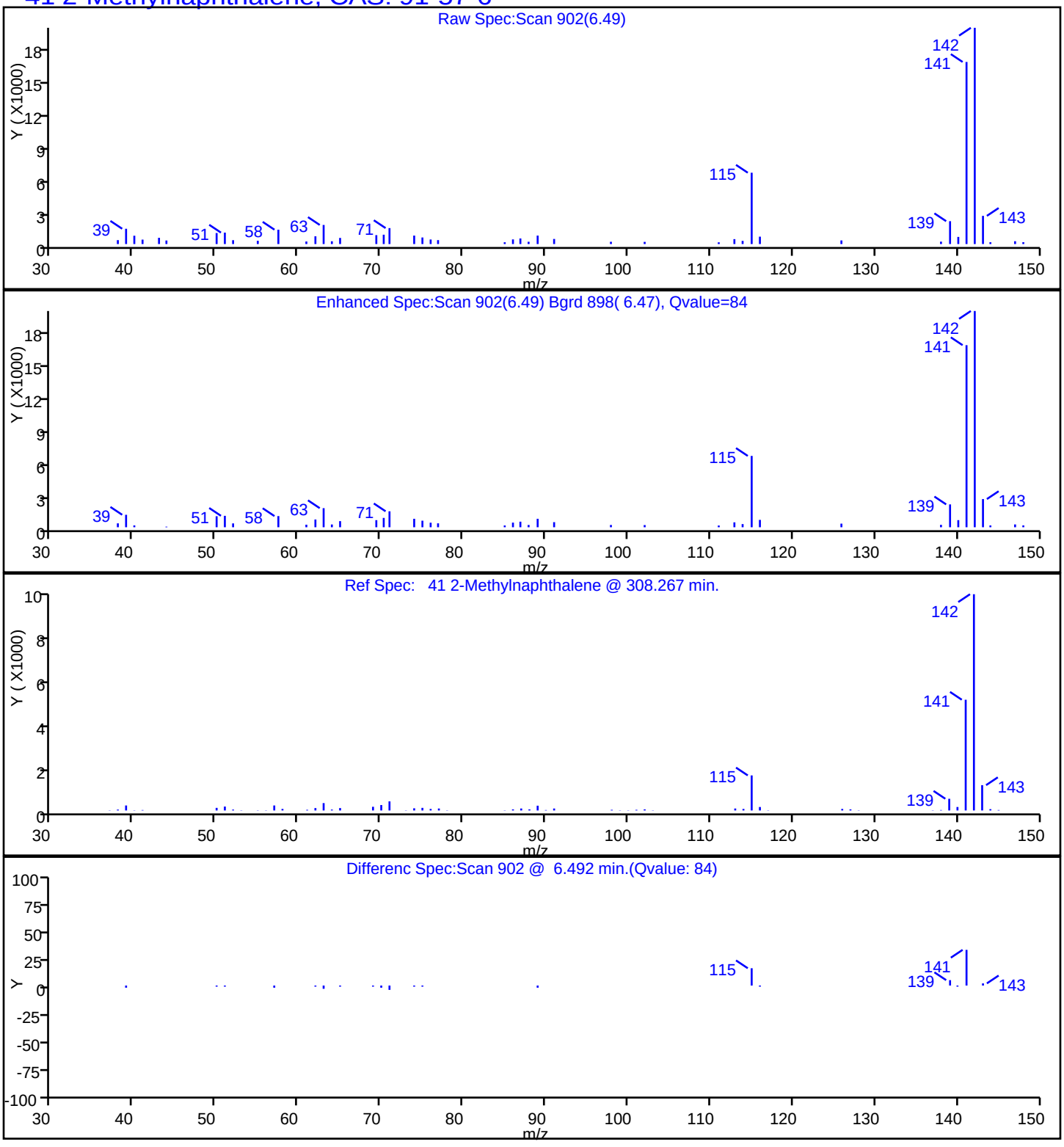
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



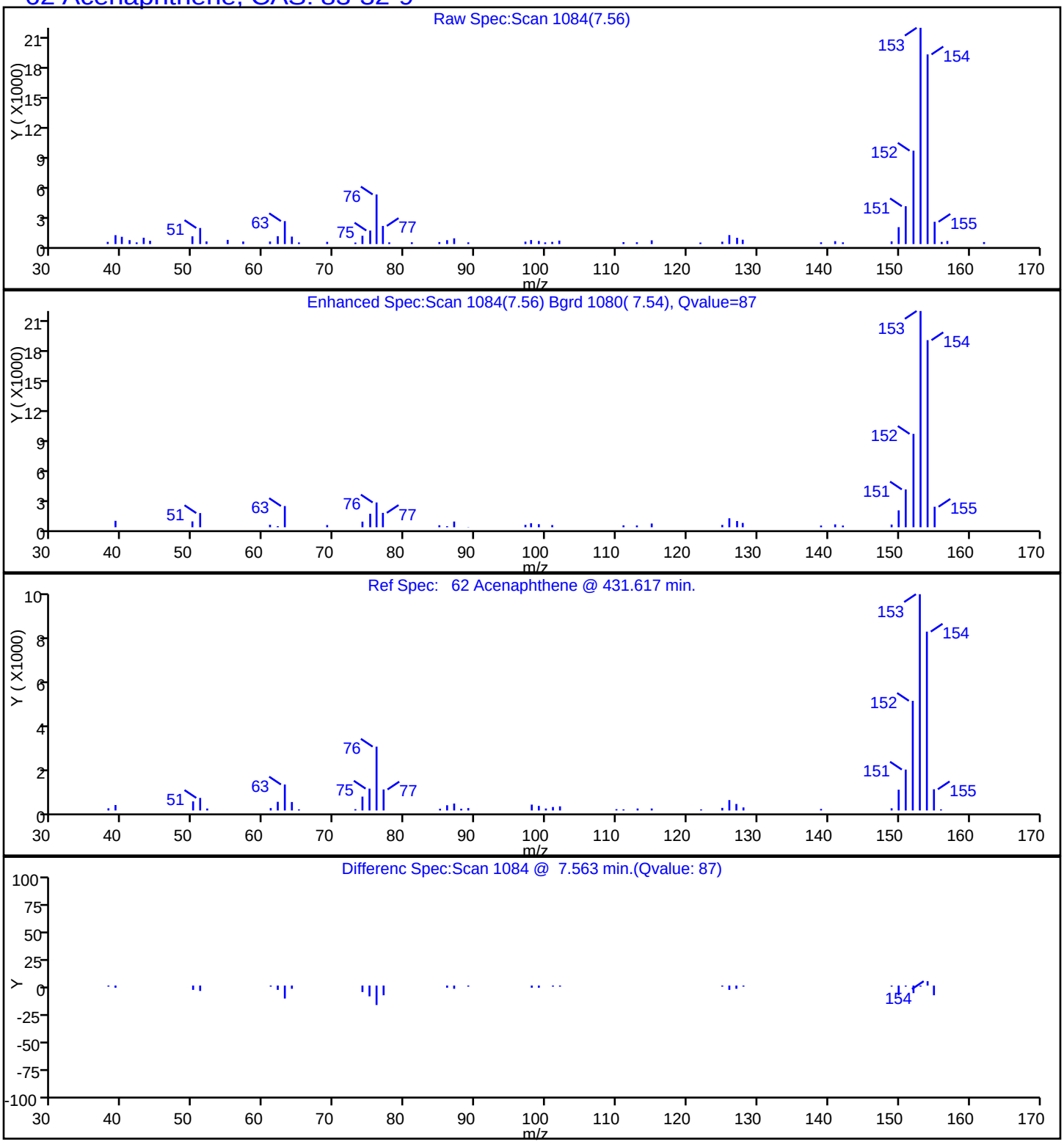
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



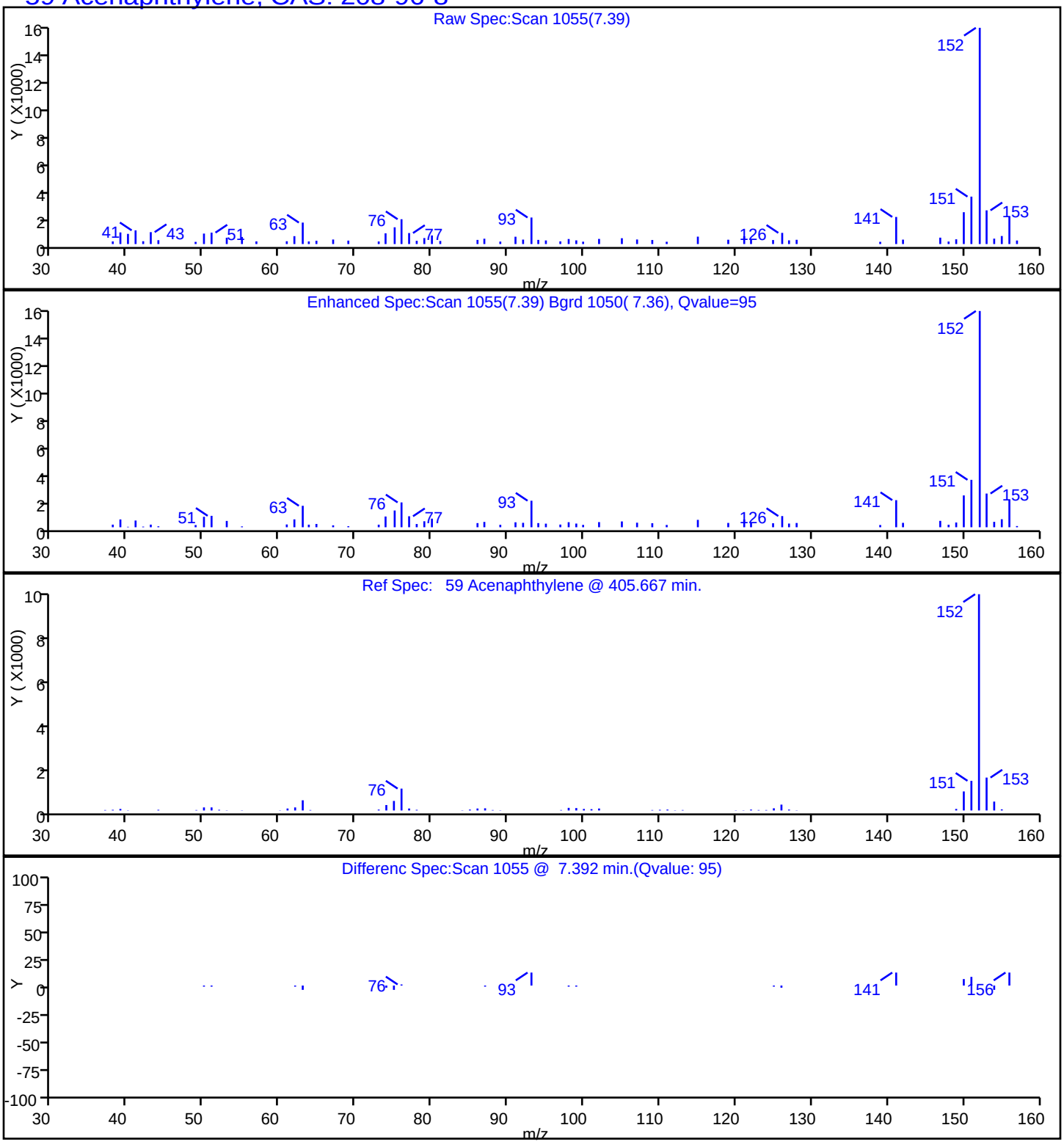
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



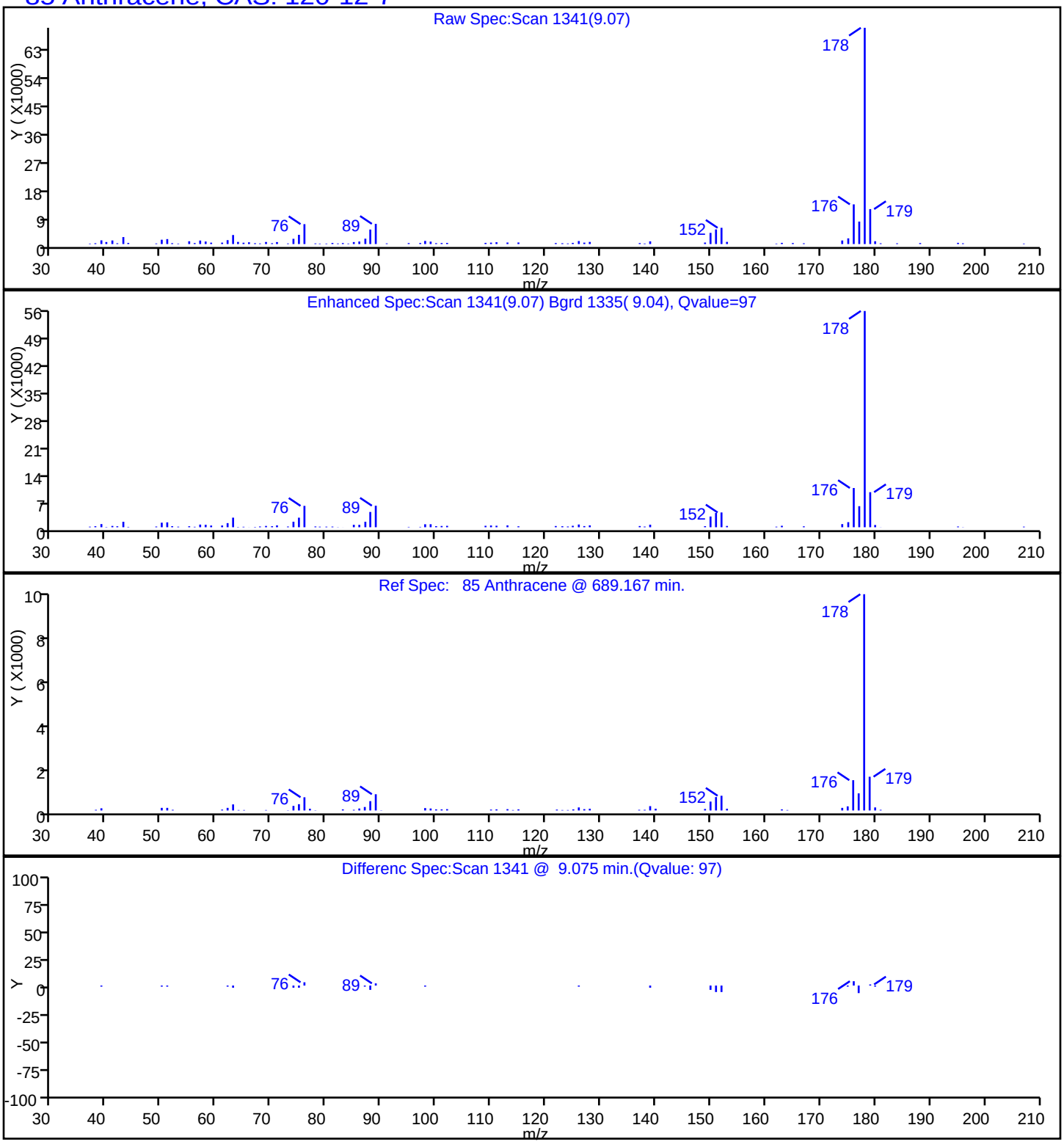
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



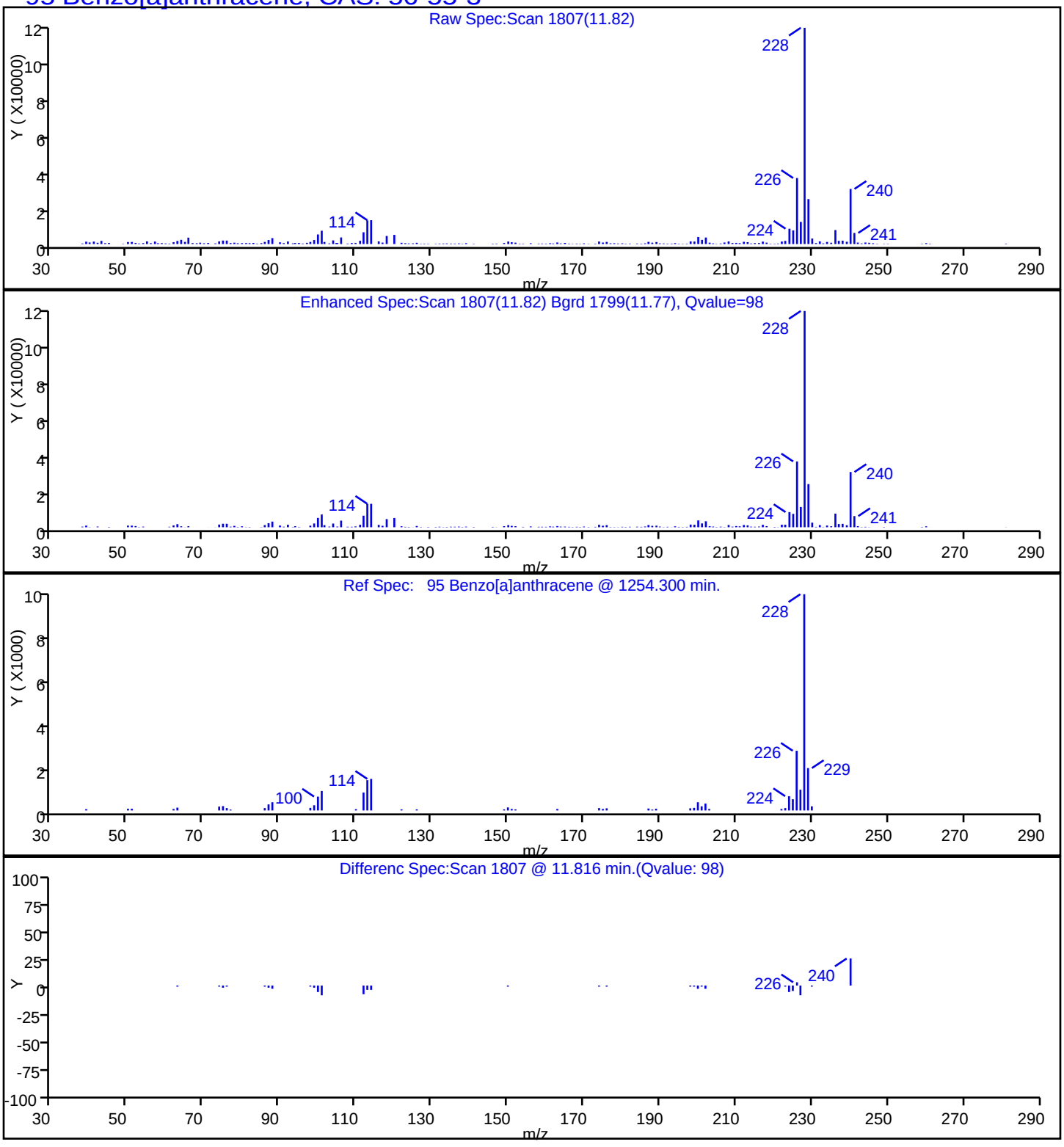
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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3



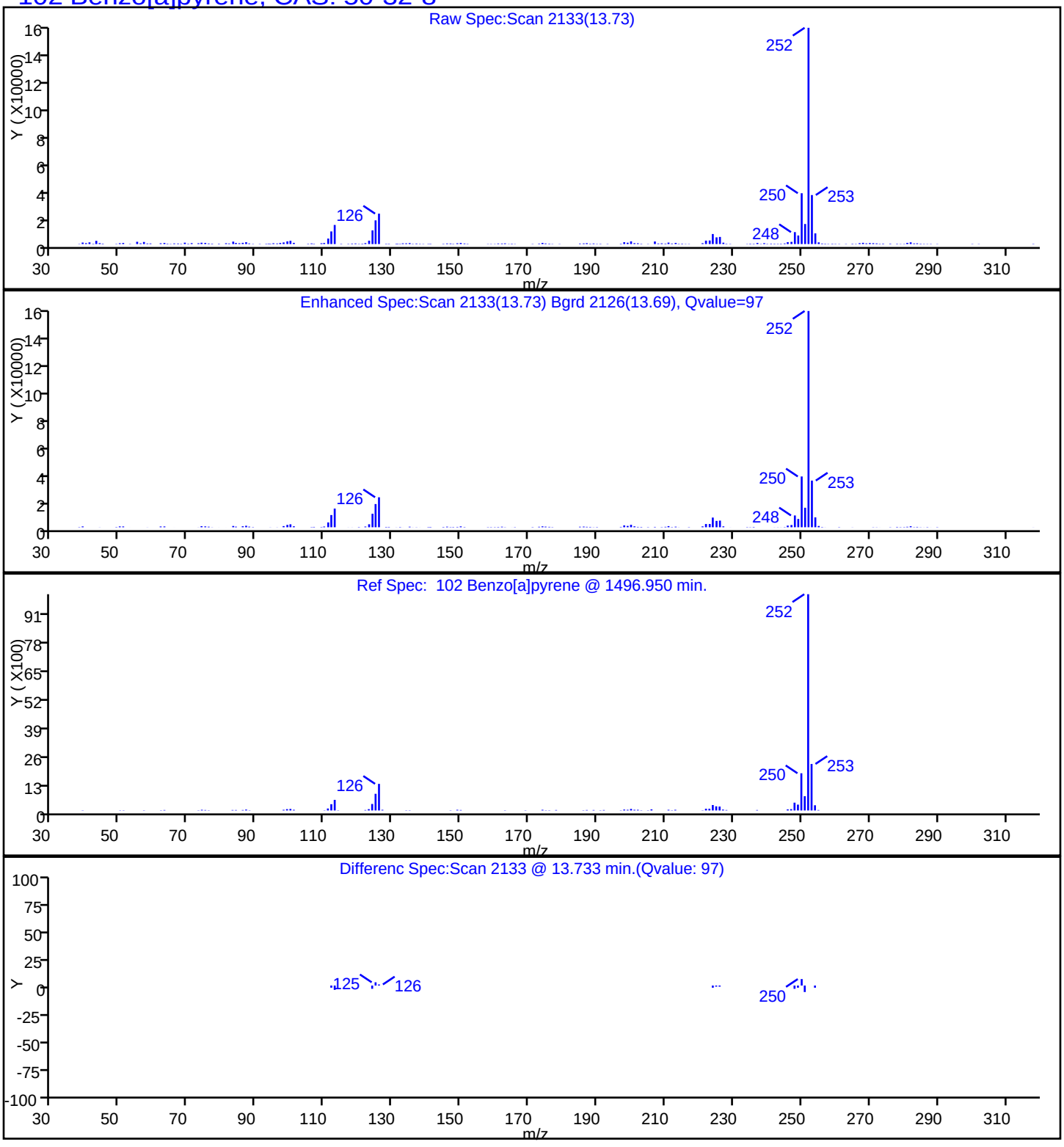
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TestAmerica Edison

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Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8



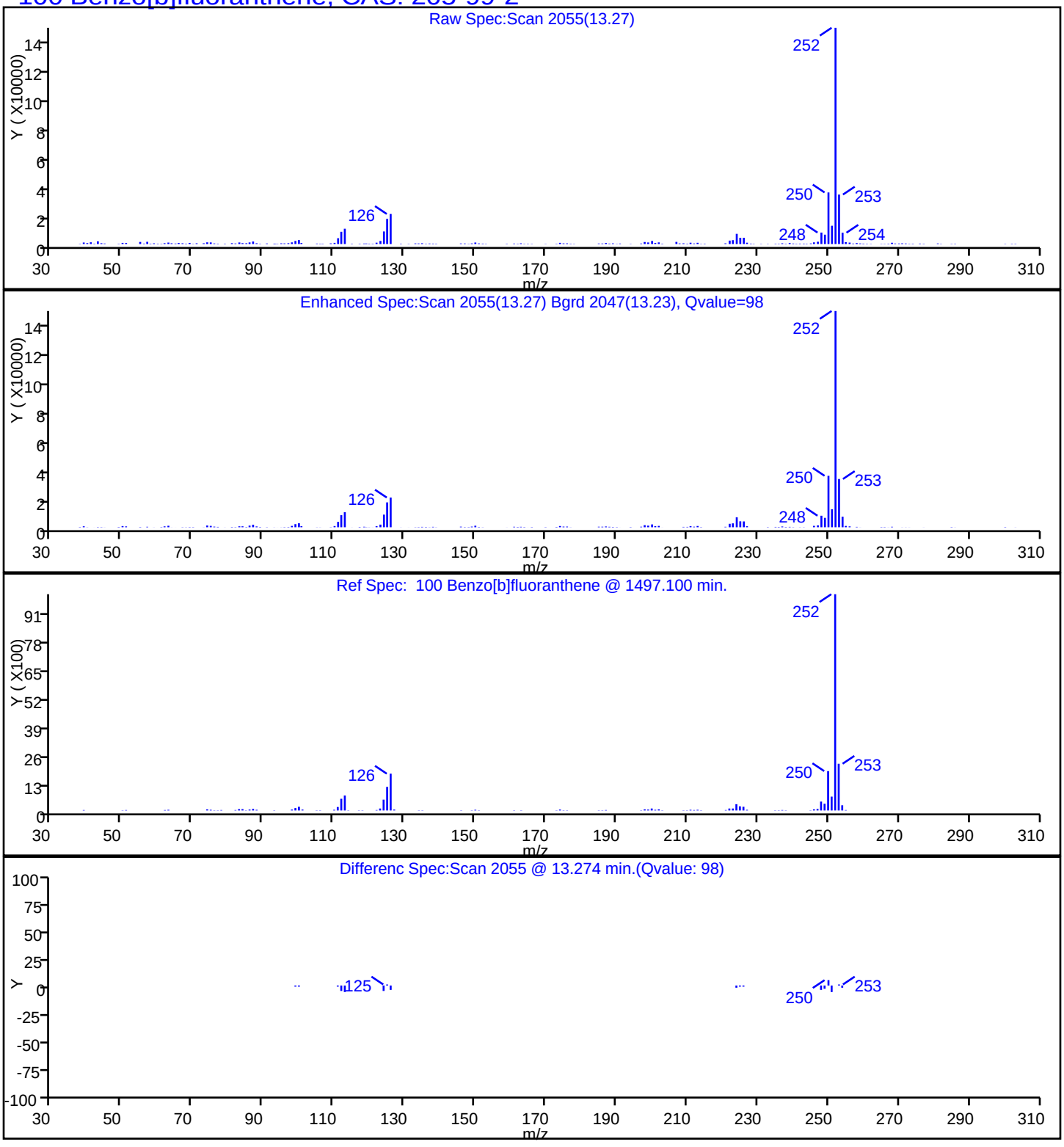
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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



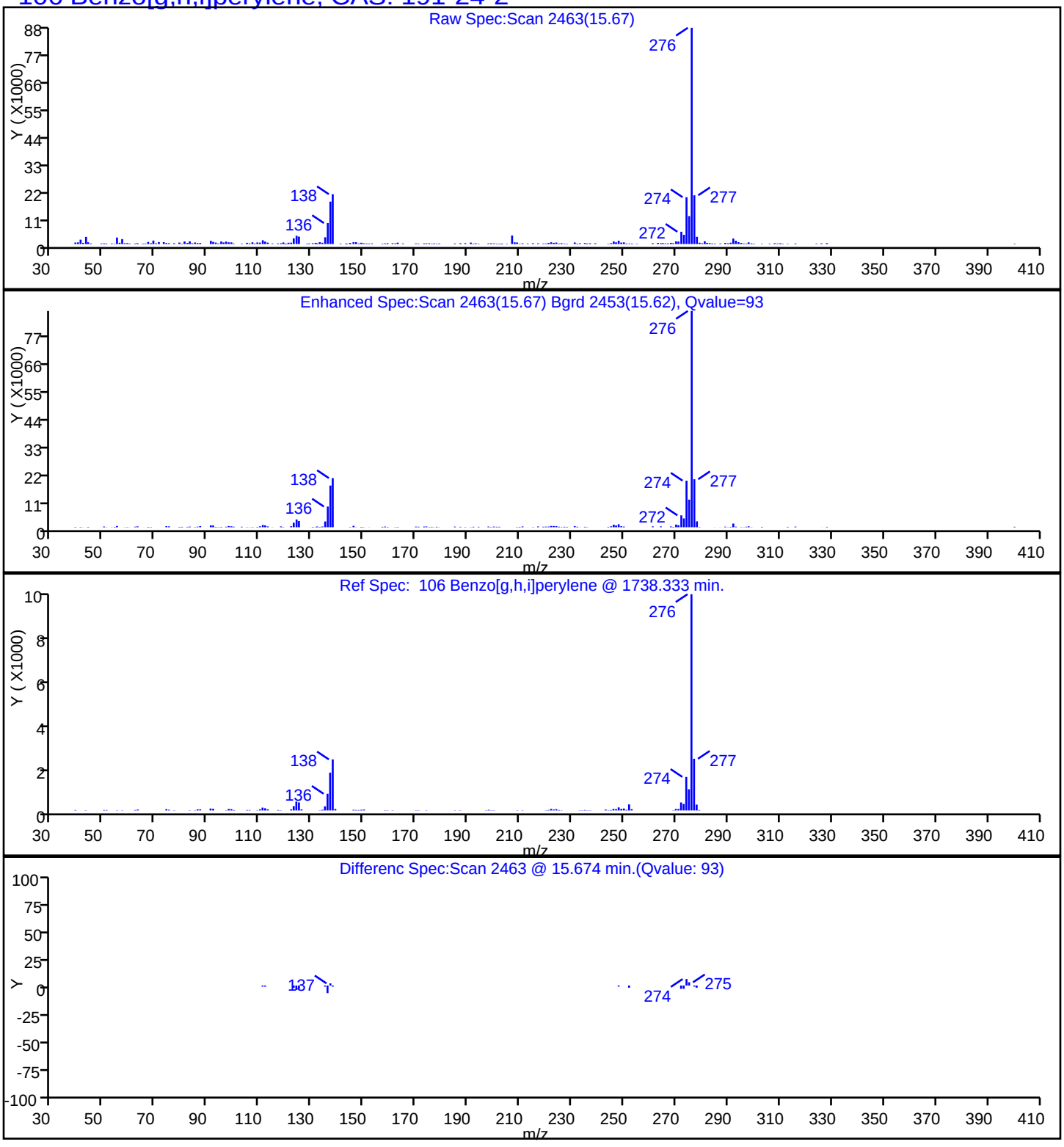
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
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Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2

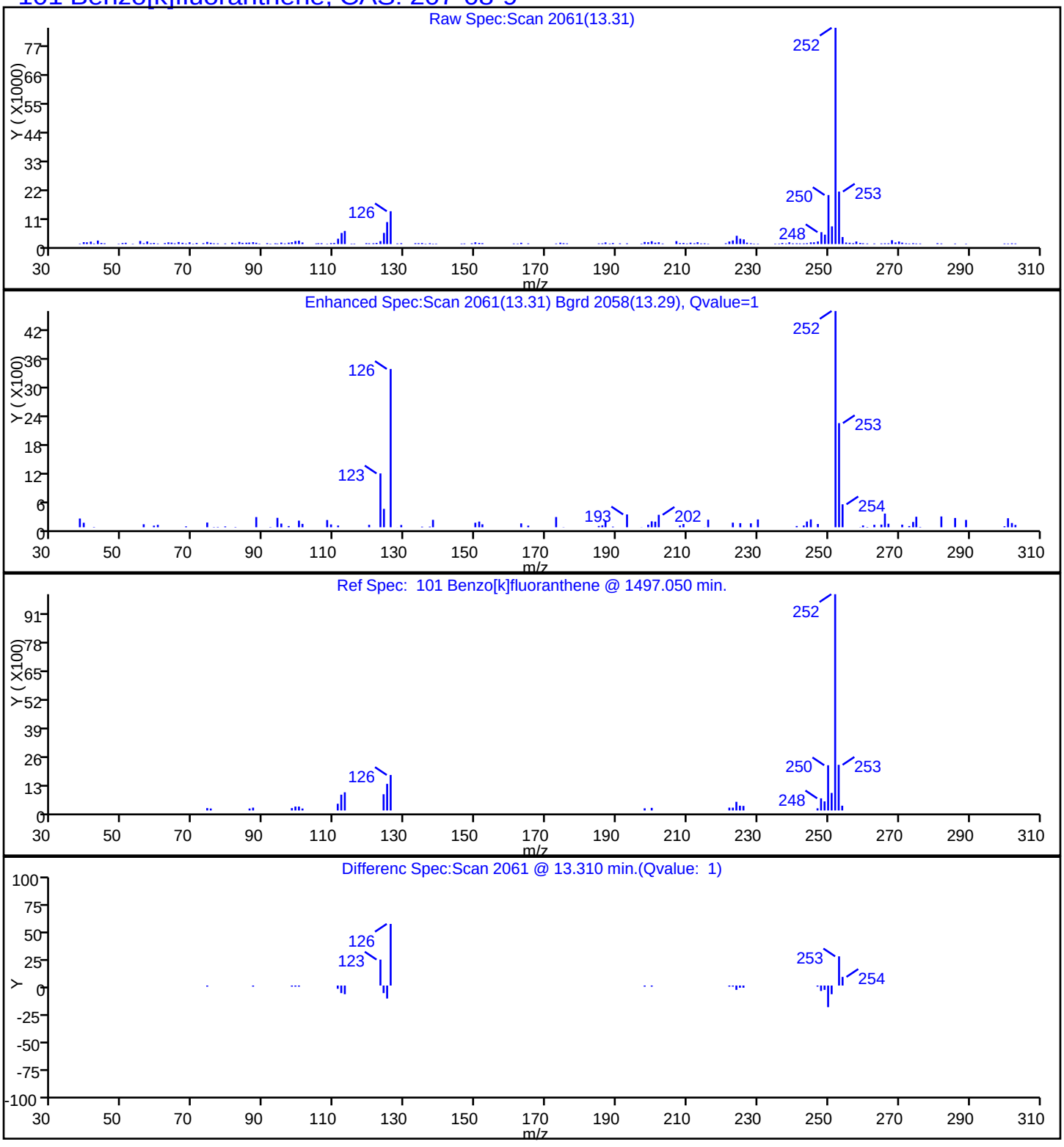


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Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



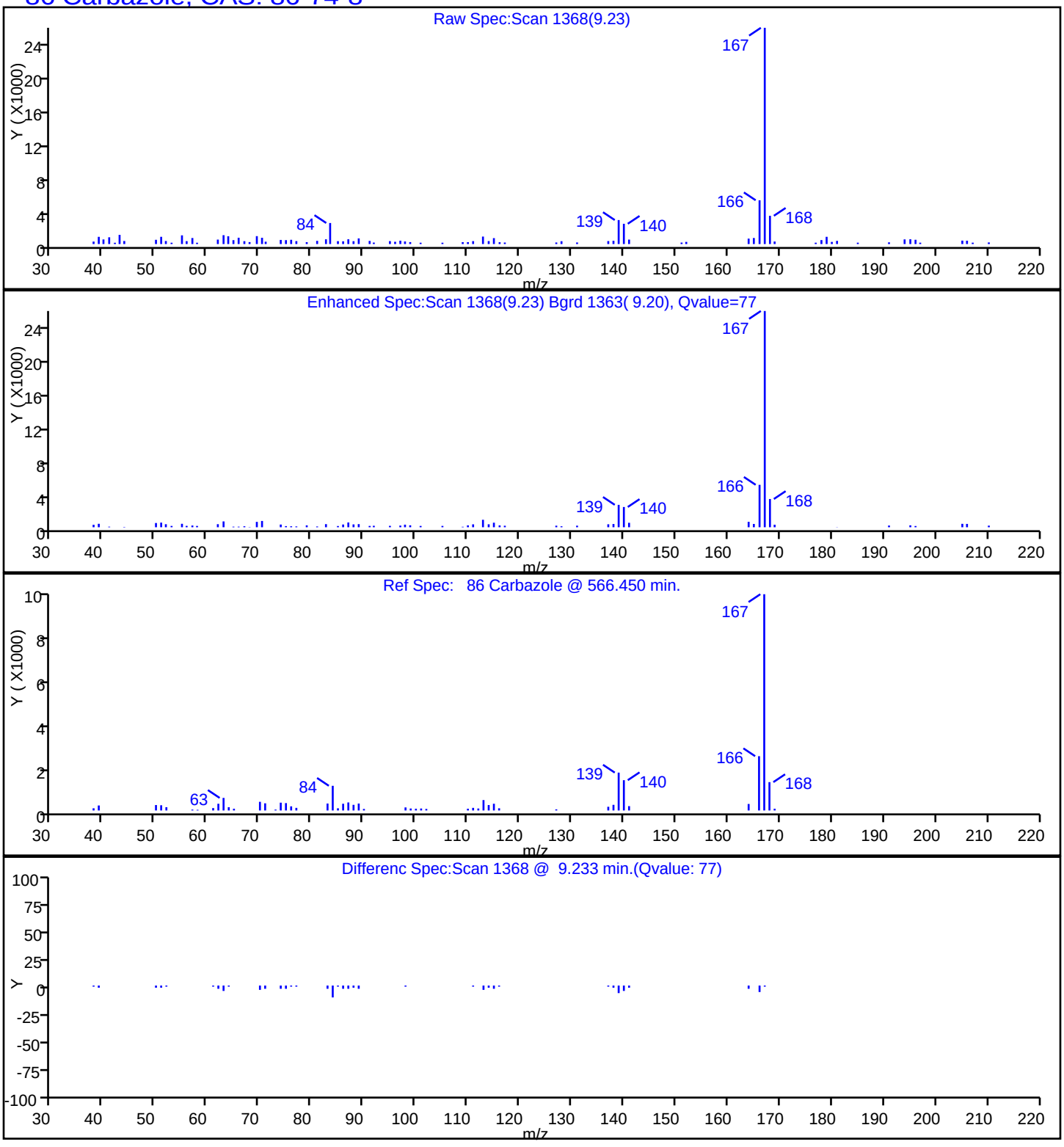
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Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



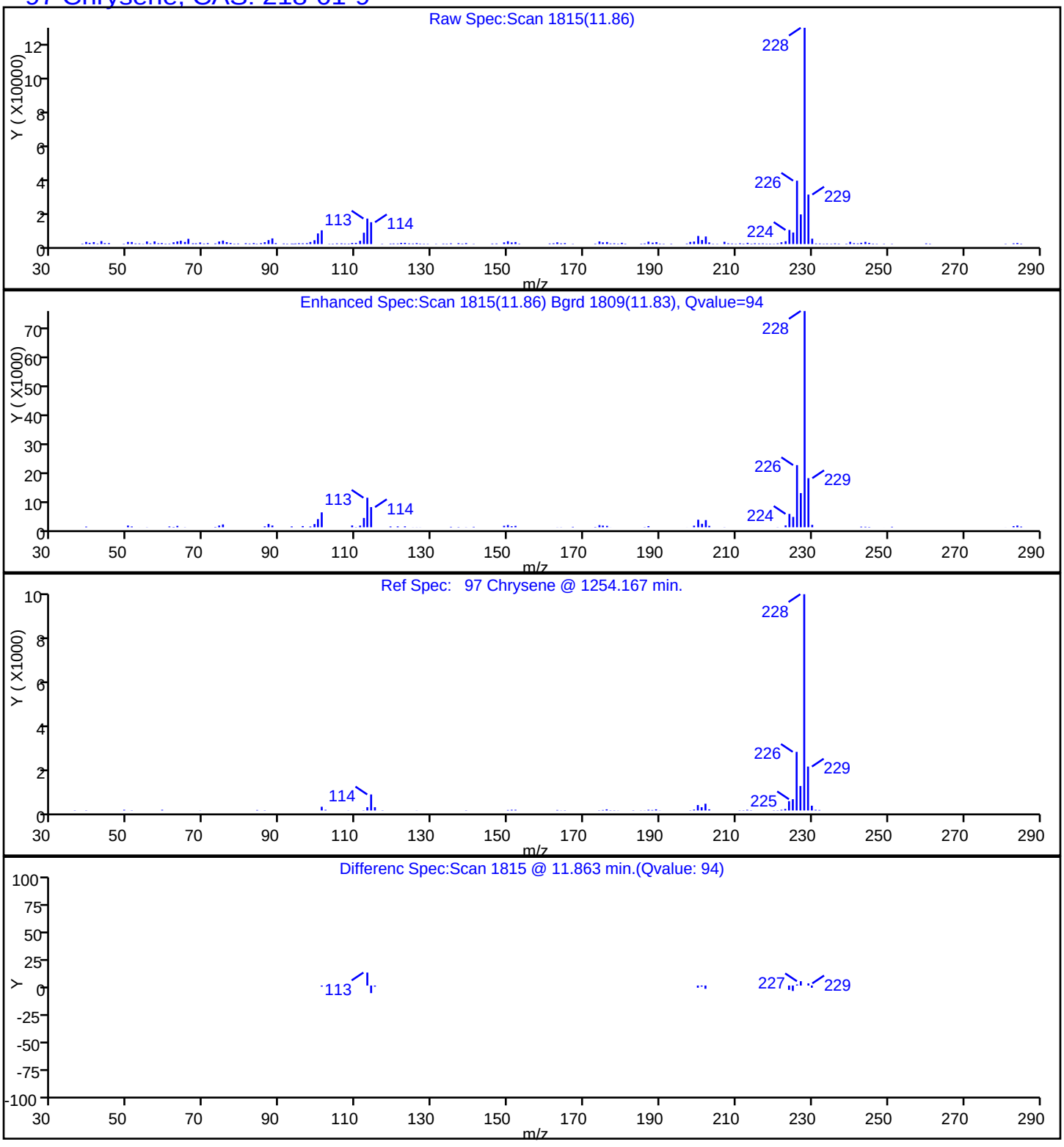
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9

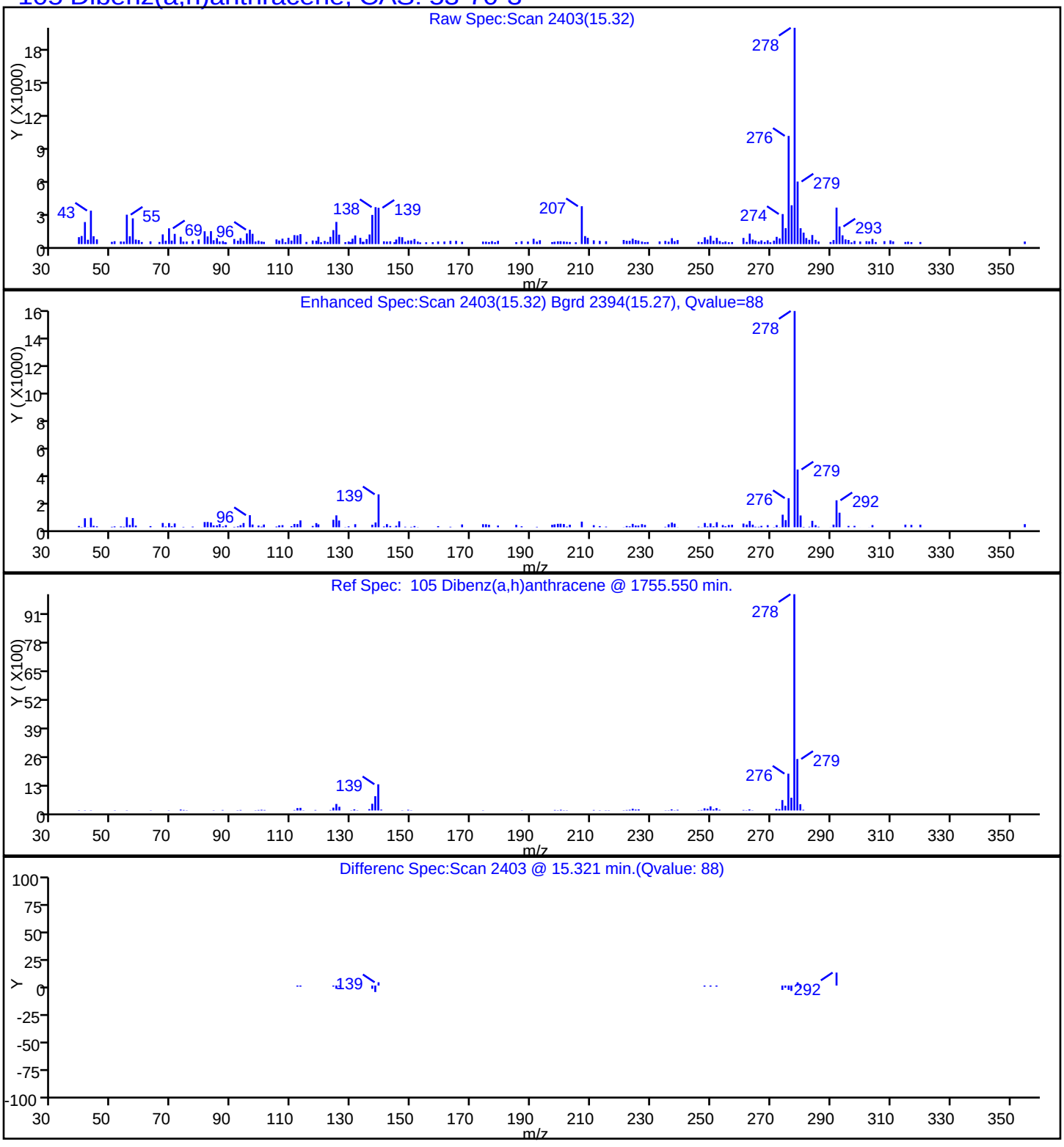


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TestAmerica Edison

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Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



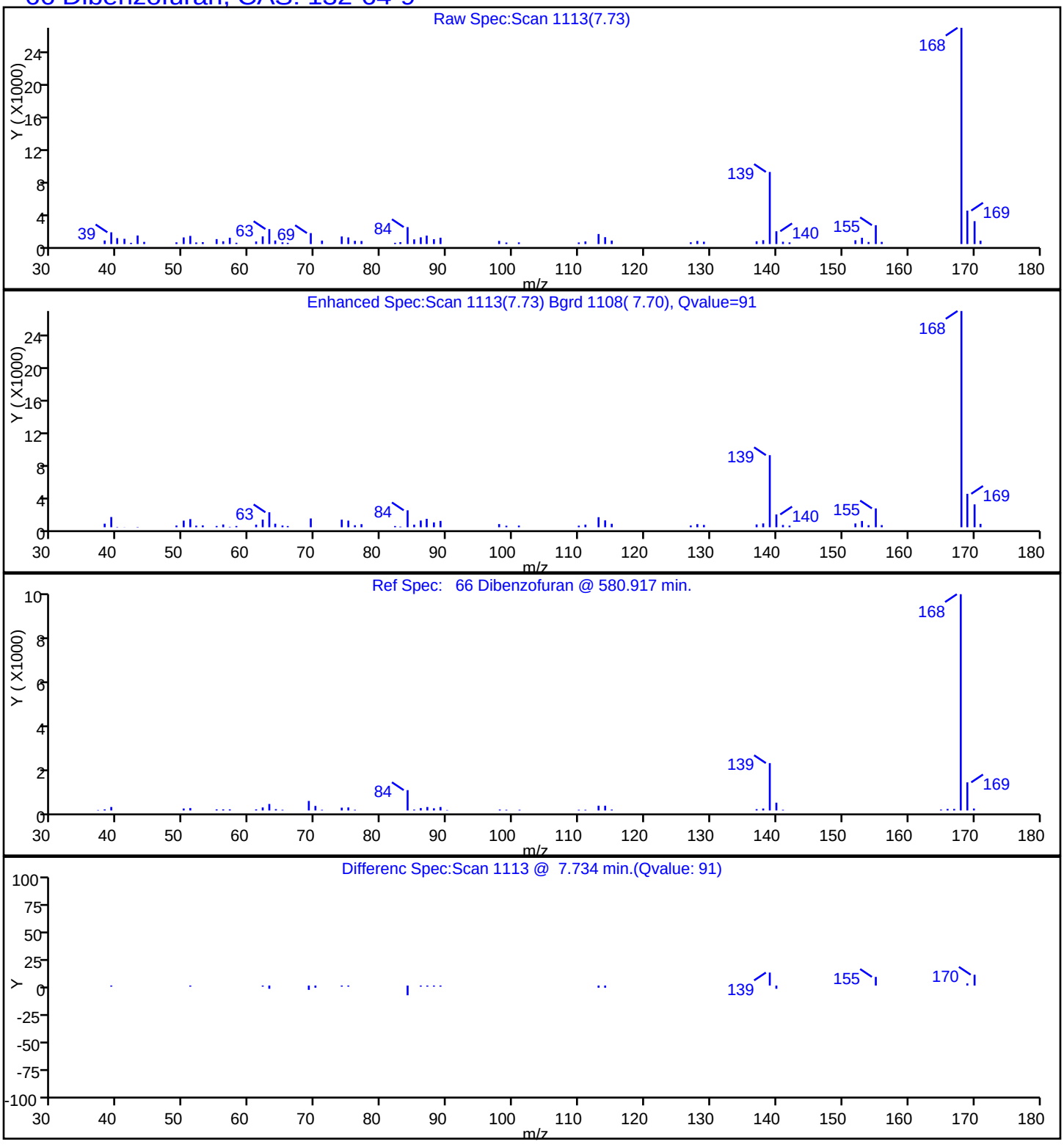
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TestAmerica Edison

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Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



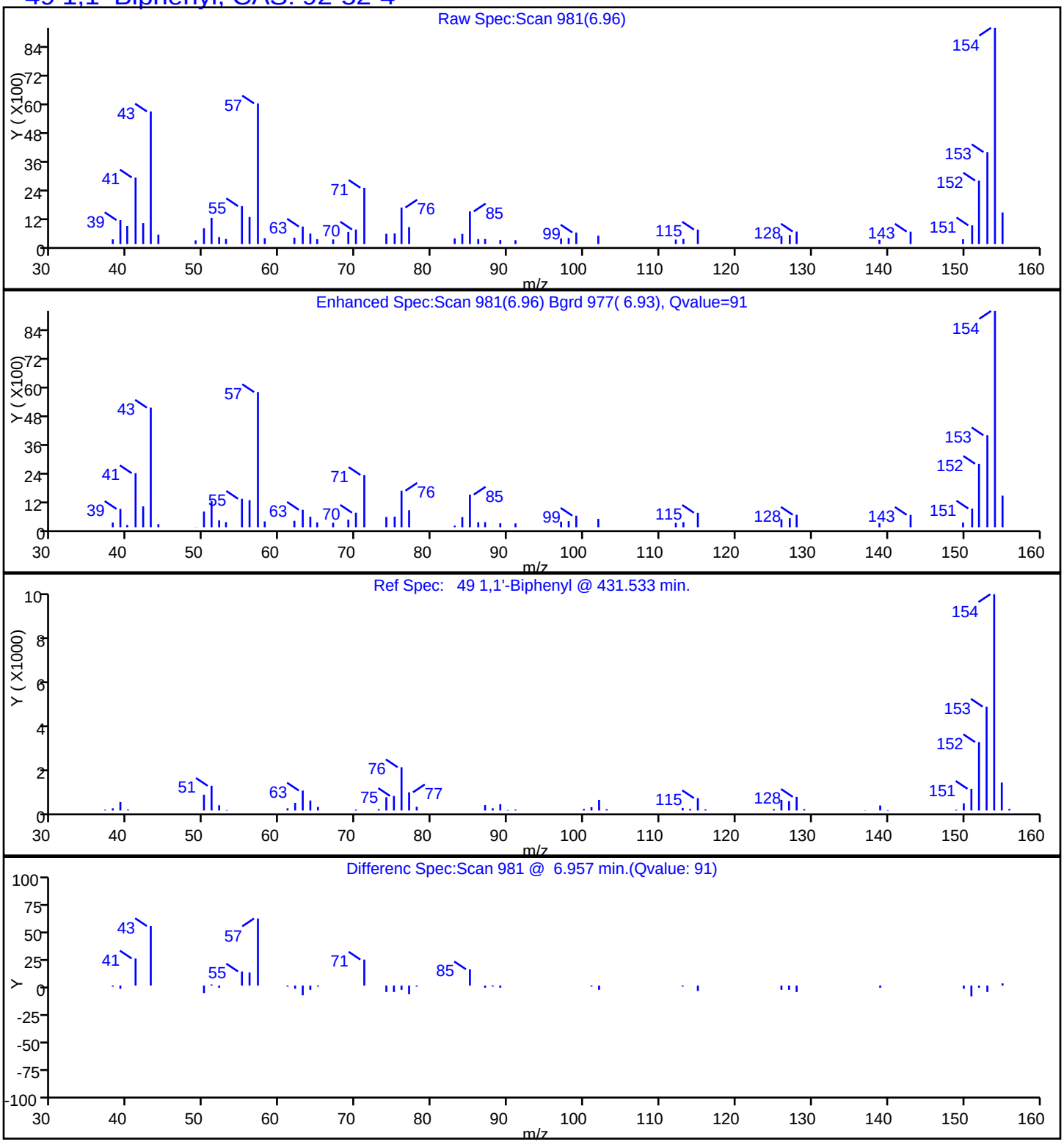
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



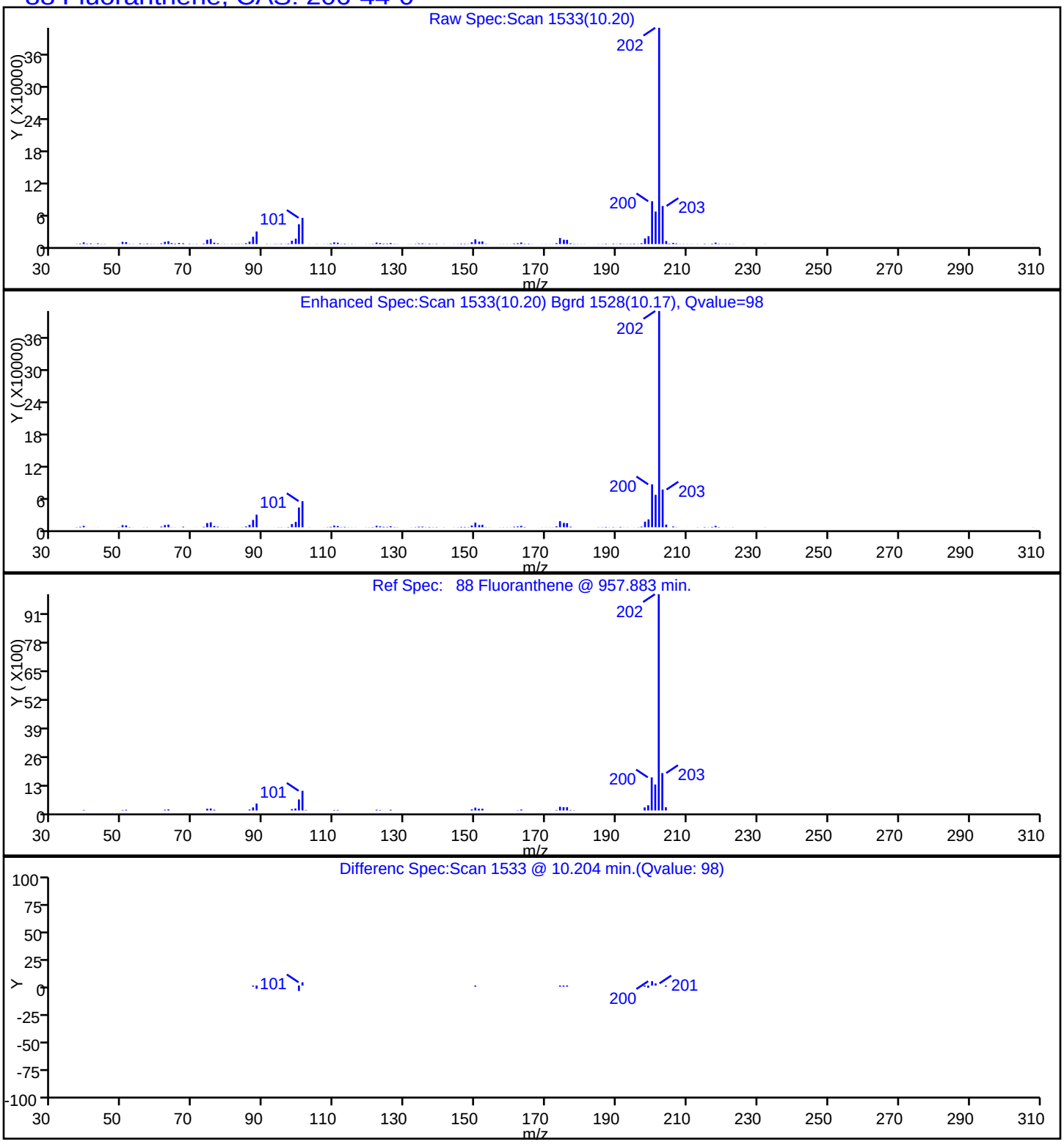
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0

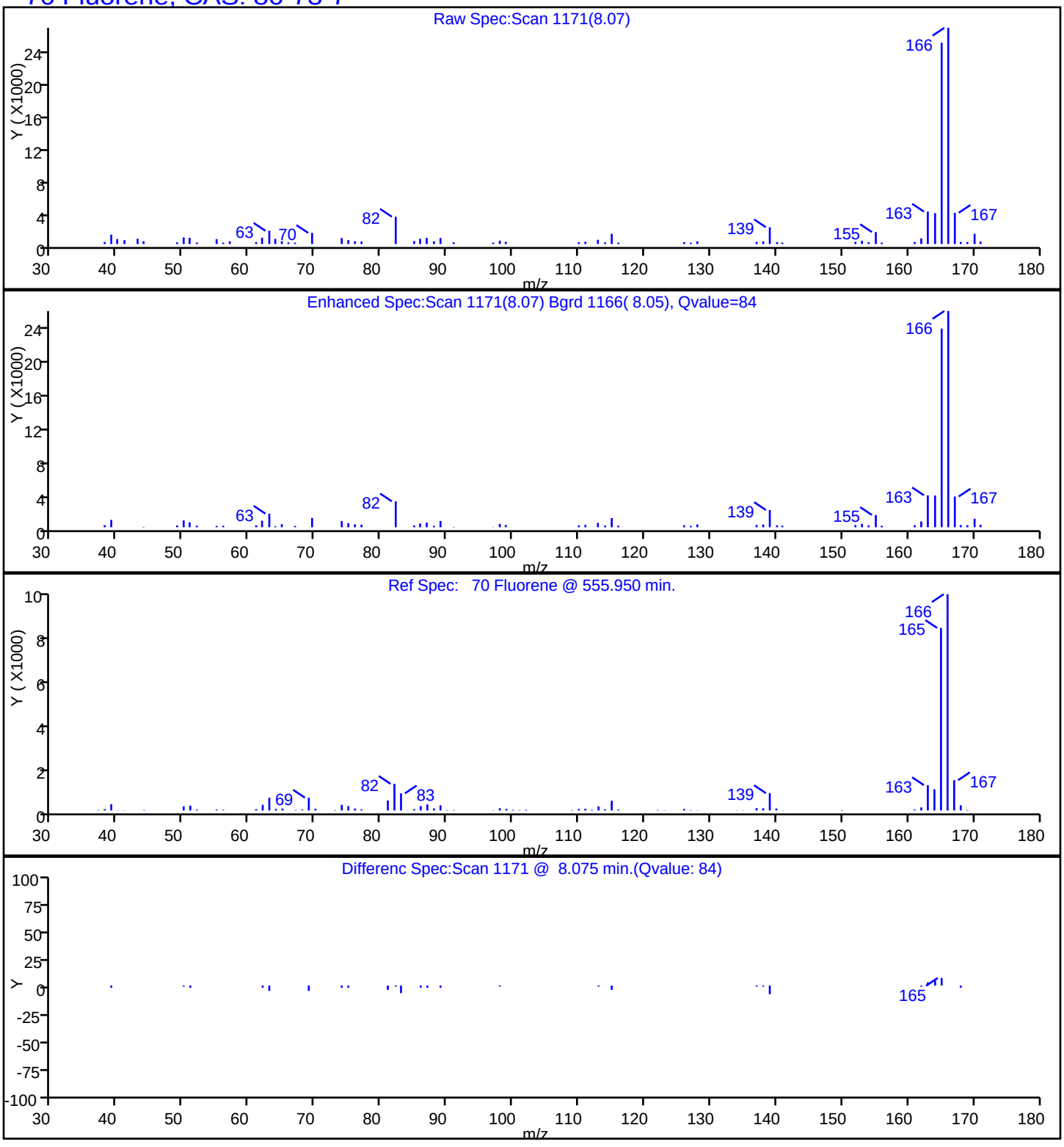


Report Date: 25-Jun-2014 11:56:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7

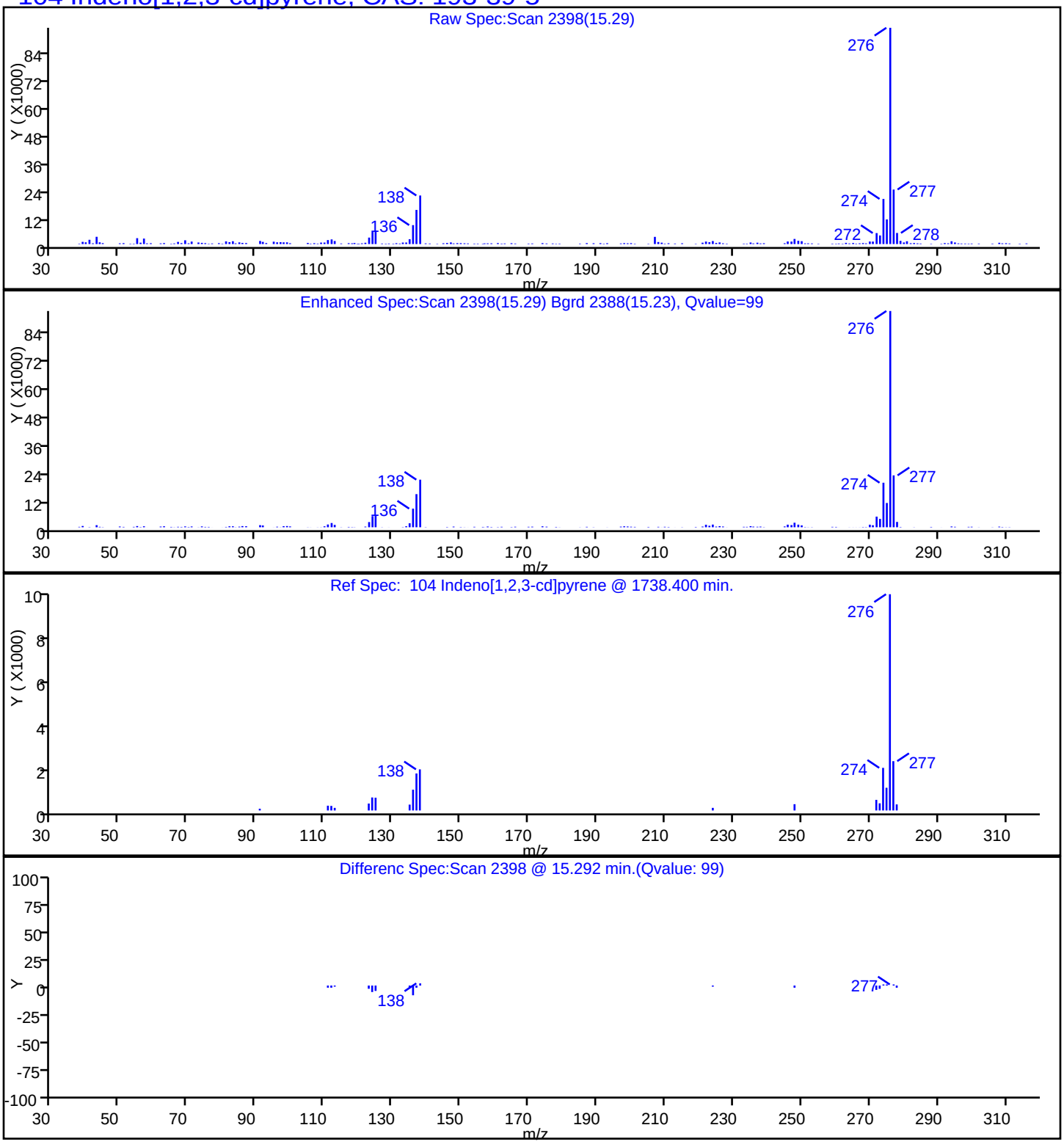


Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



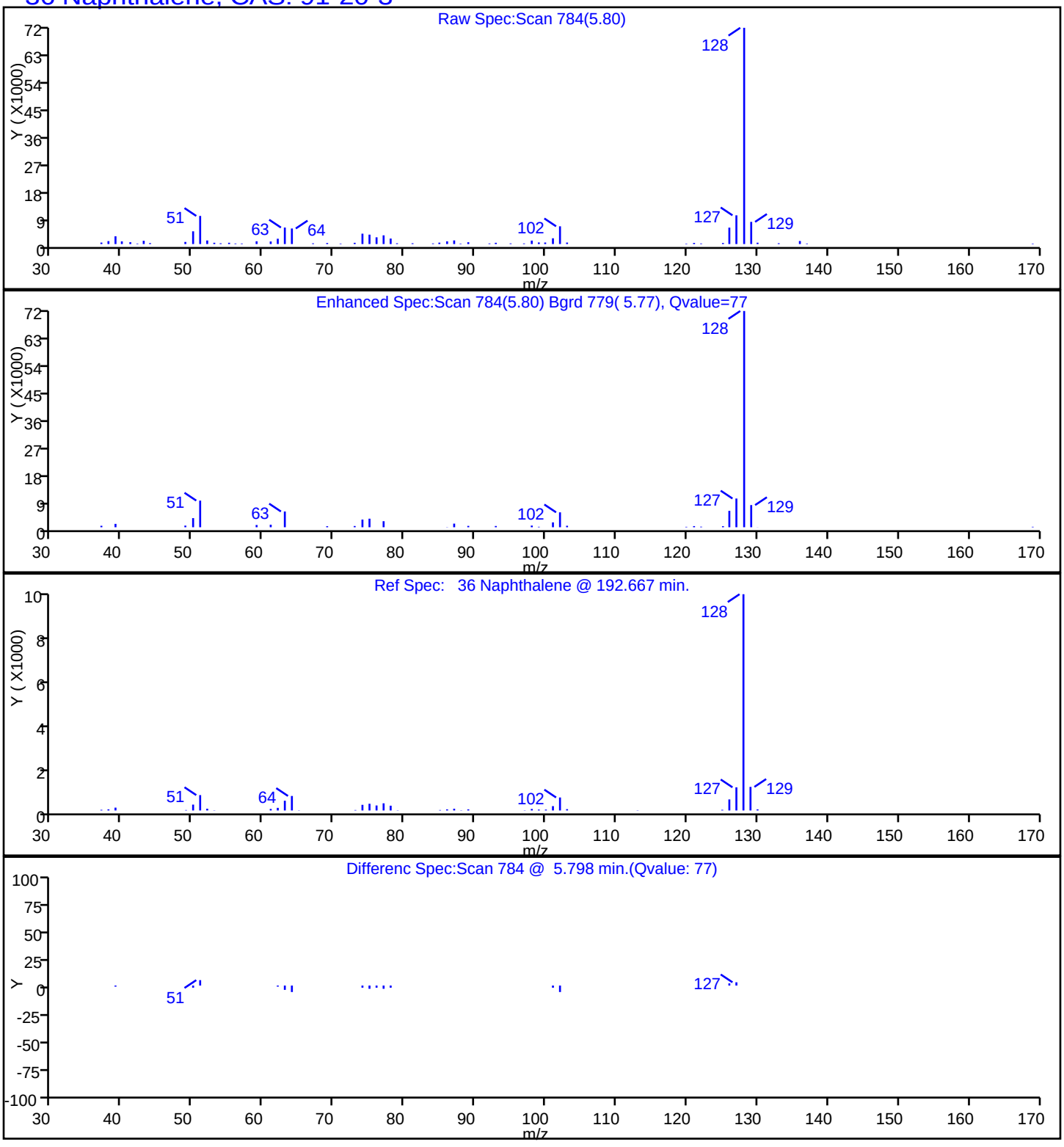
Report Date: 25-Jun-2014 11:56:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3

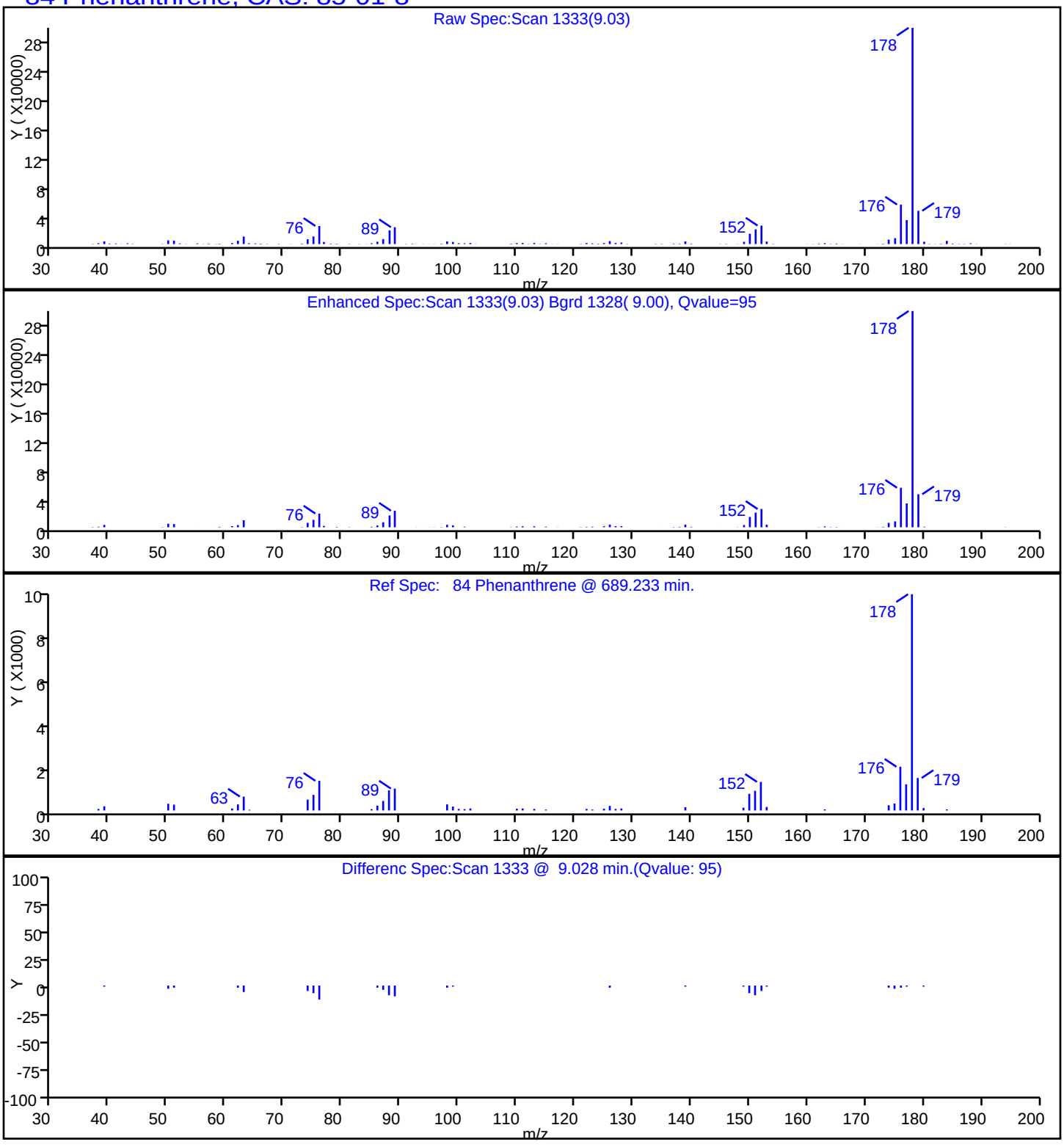


Report Date: 25-Jun-2014 11:56:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



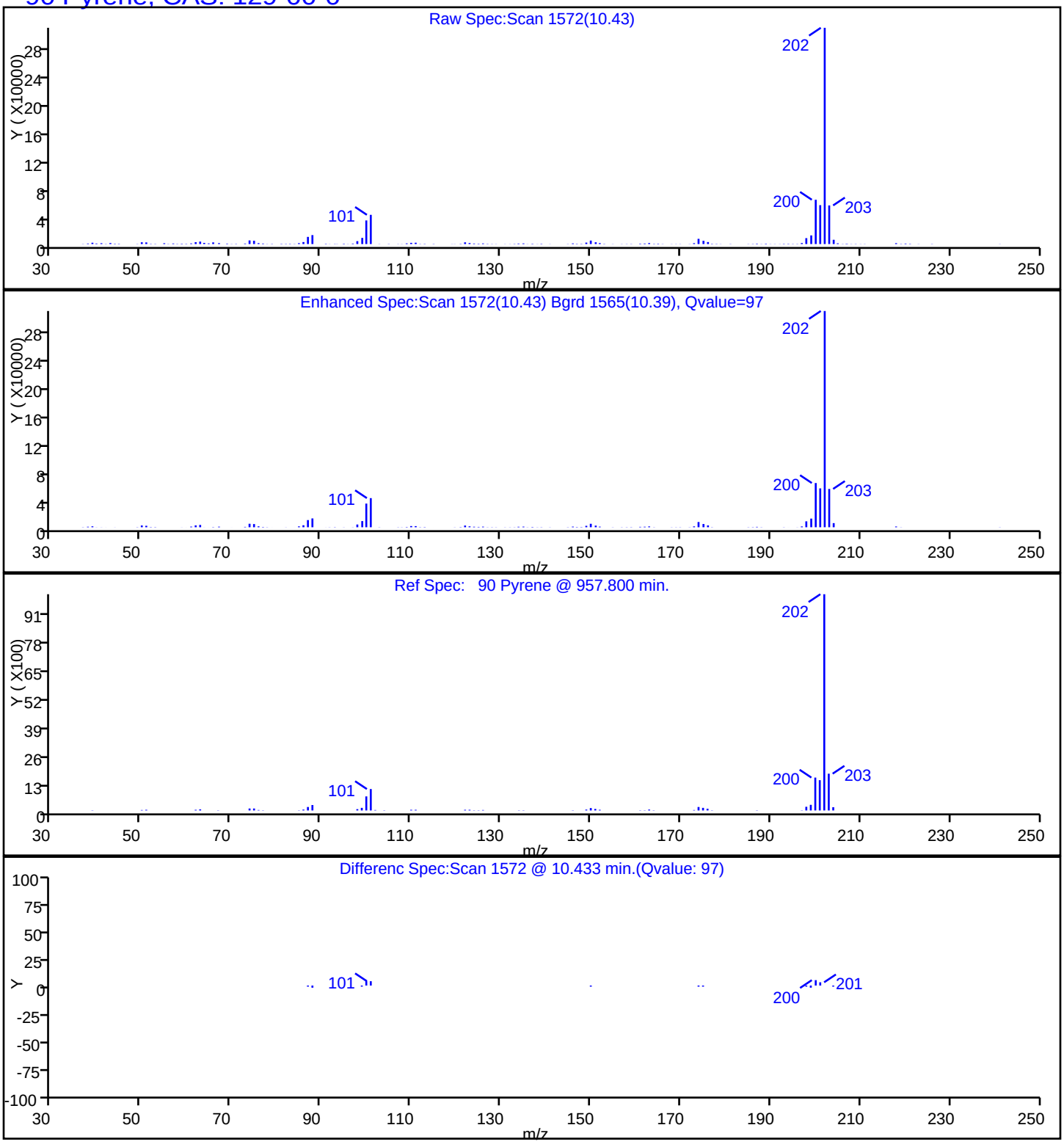
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

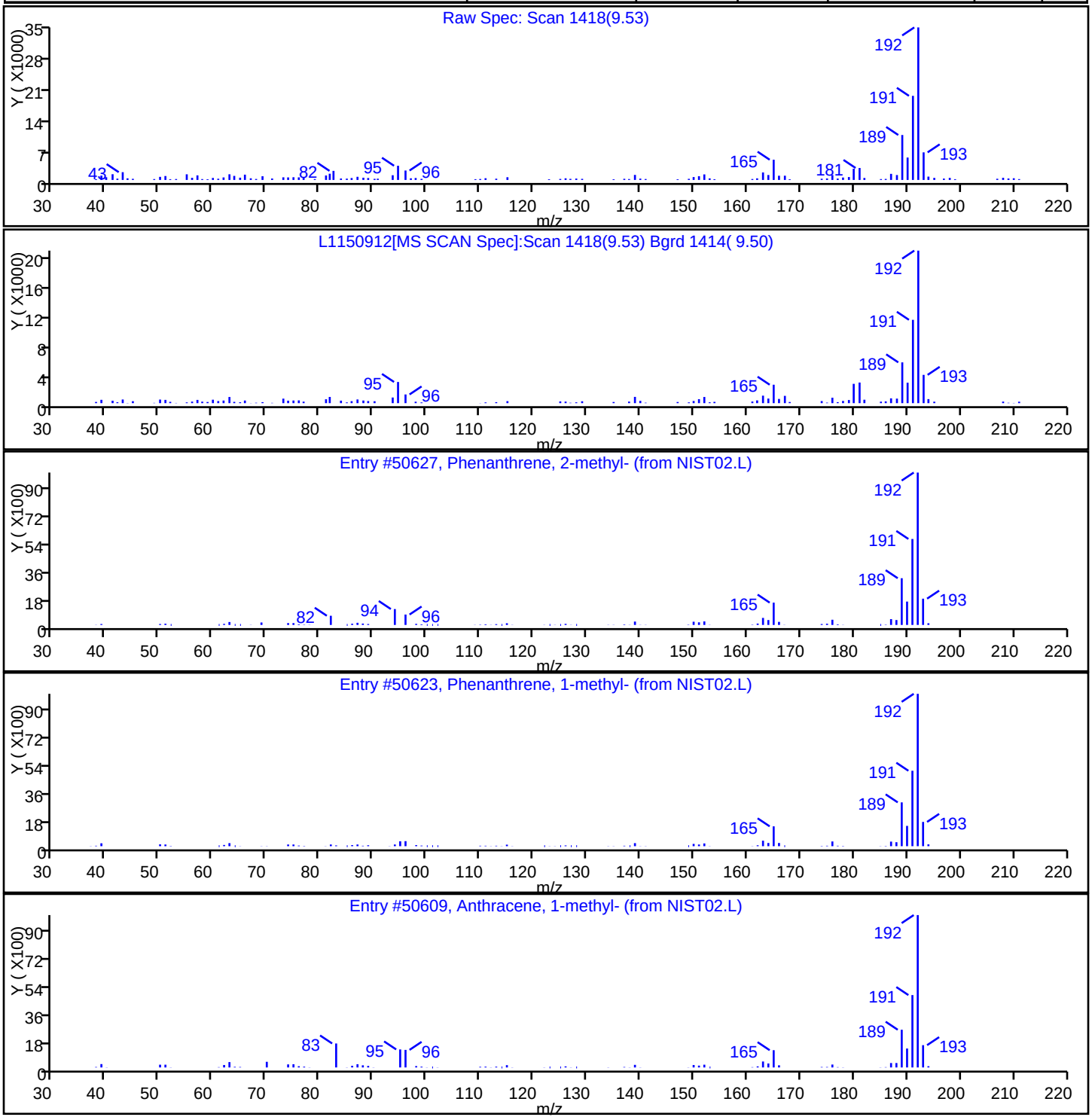
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	NIST02	50627	C15H12	192	97
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	94
Anthracene, 1-methyl-	610-48-0	NIST02.L	50609	C15H12	192	94



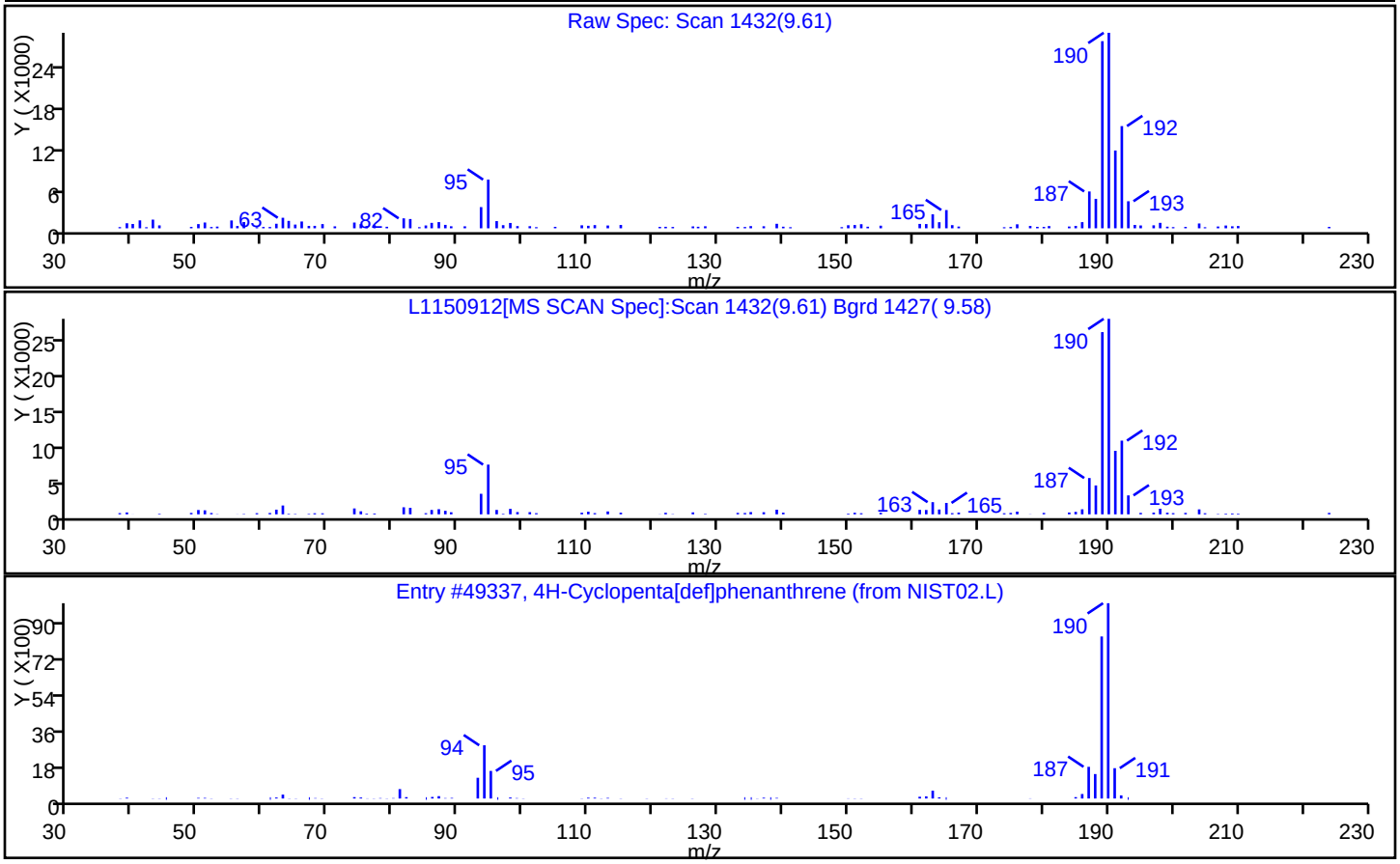
Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02	49337	C15H10	190	93



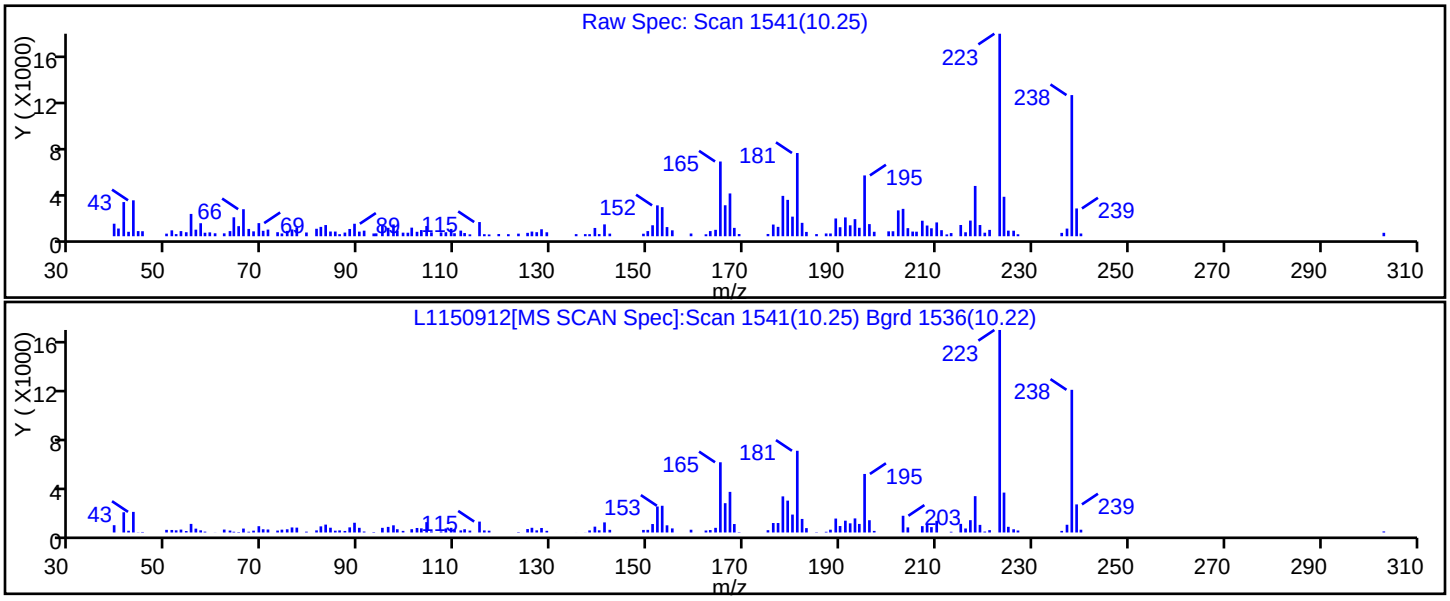
Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

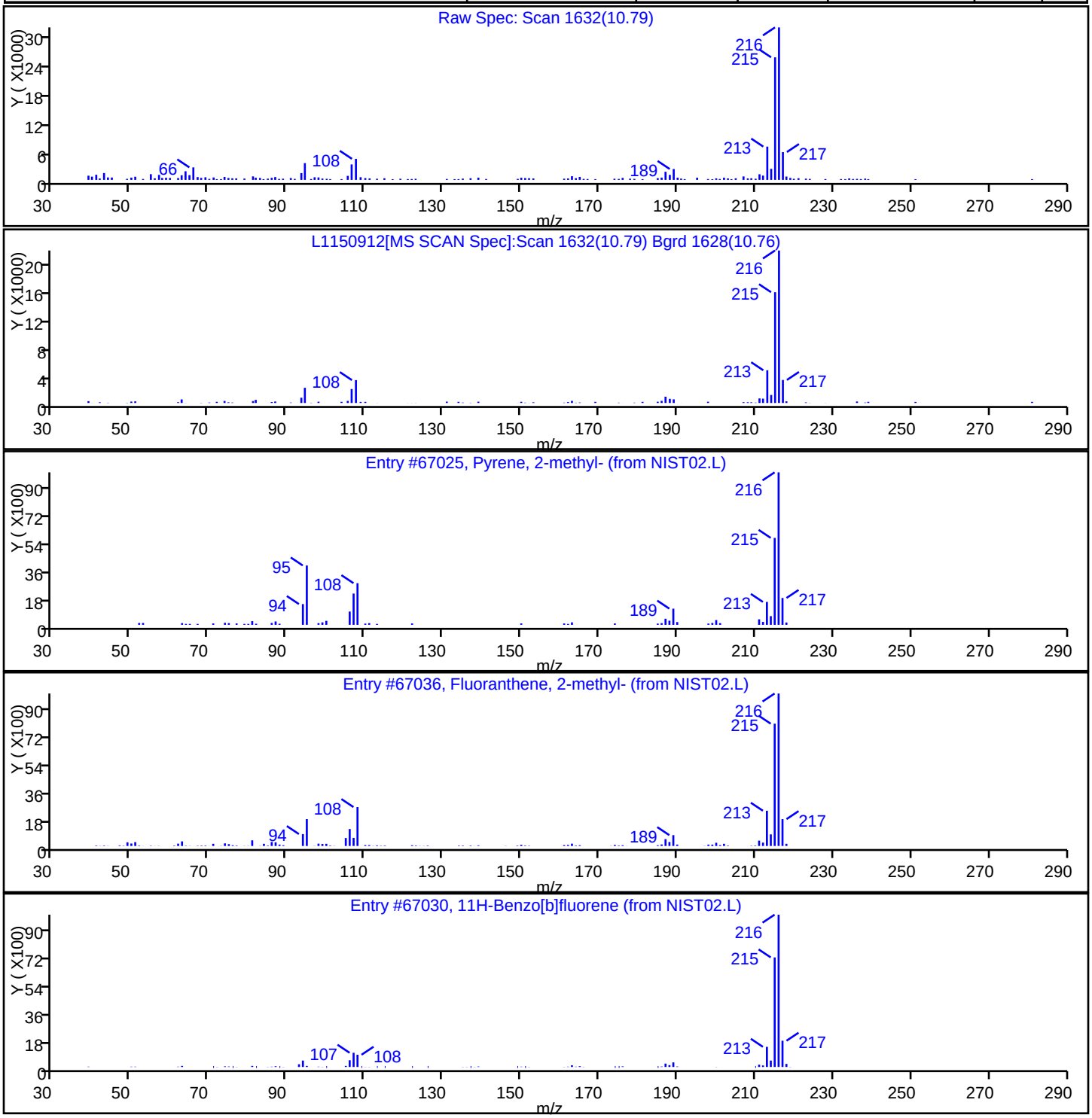
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pyrene, 2-methyl-	3442-78-2	NIST02	67025	C17H12	216	94
Fluoranthene, 2-methyl-	33543-31-6	NIST02.L	67036	C17H12	216	91
11H-Benzo[b]fluorene	243-17-4	NIST02.L	67030	C17H12	216	91



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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

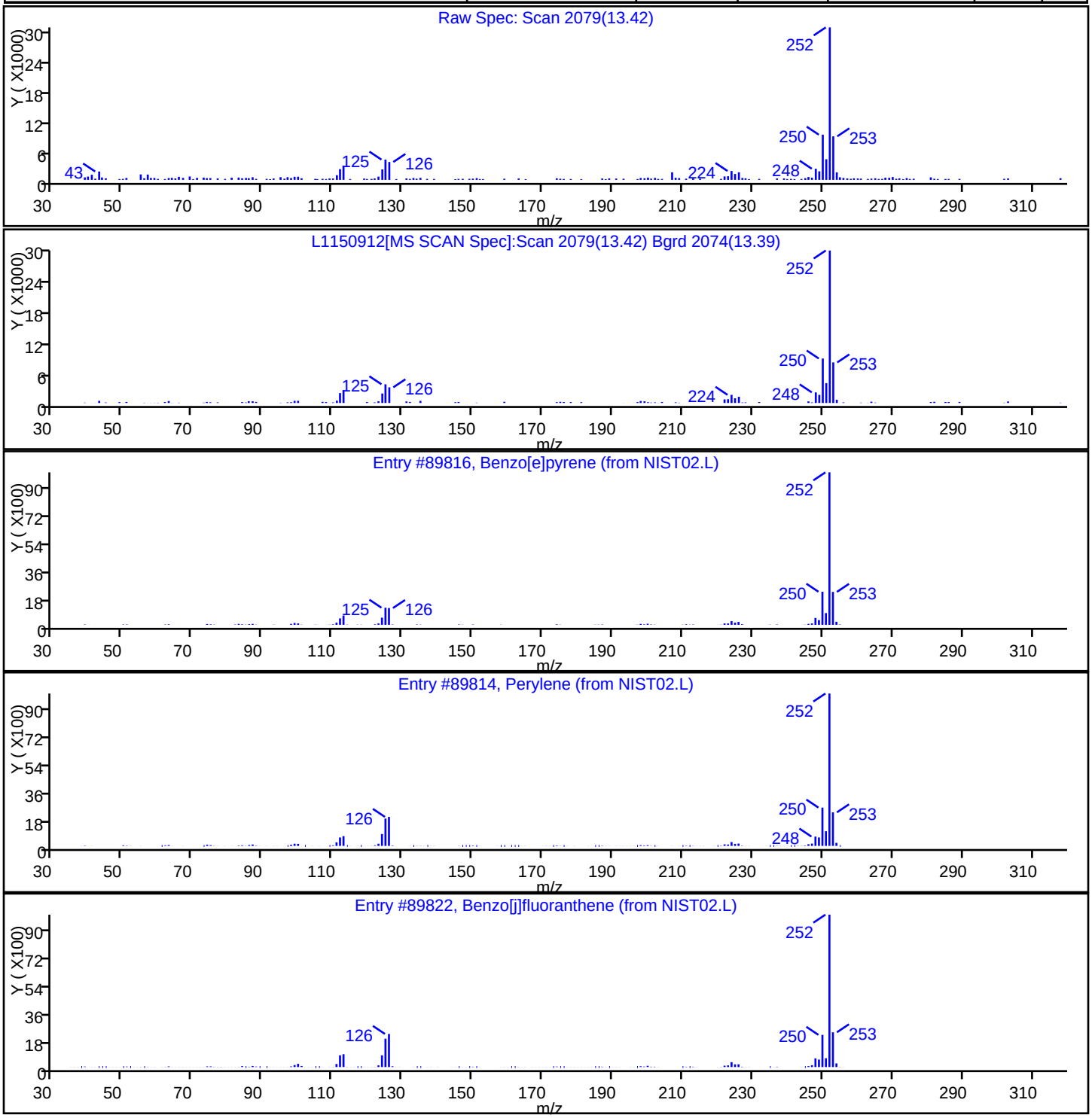
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	96
Perylene	198-55-0	NIST02.L	89814	C20H12	252	90
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	81



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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

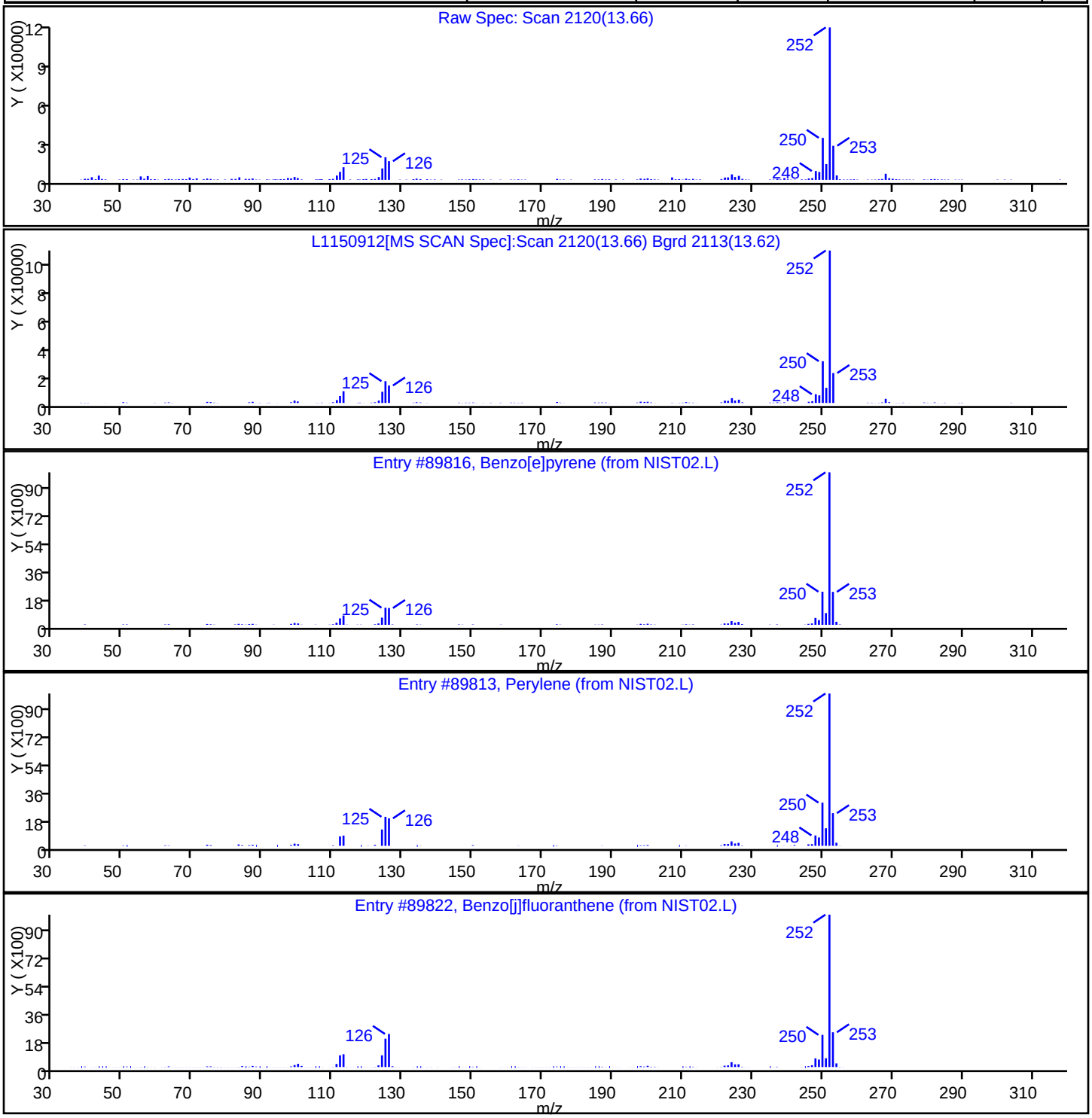
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Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	98
Perylene	198-55-0	NIST02.L	89813	C20H12	252	96
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	89



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Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

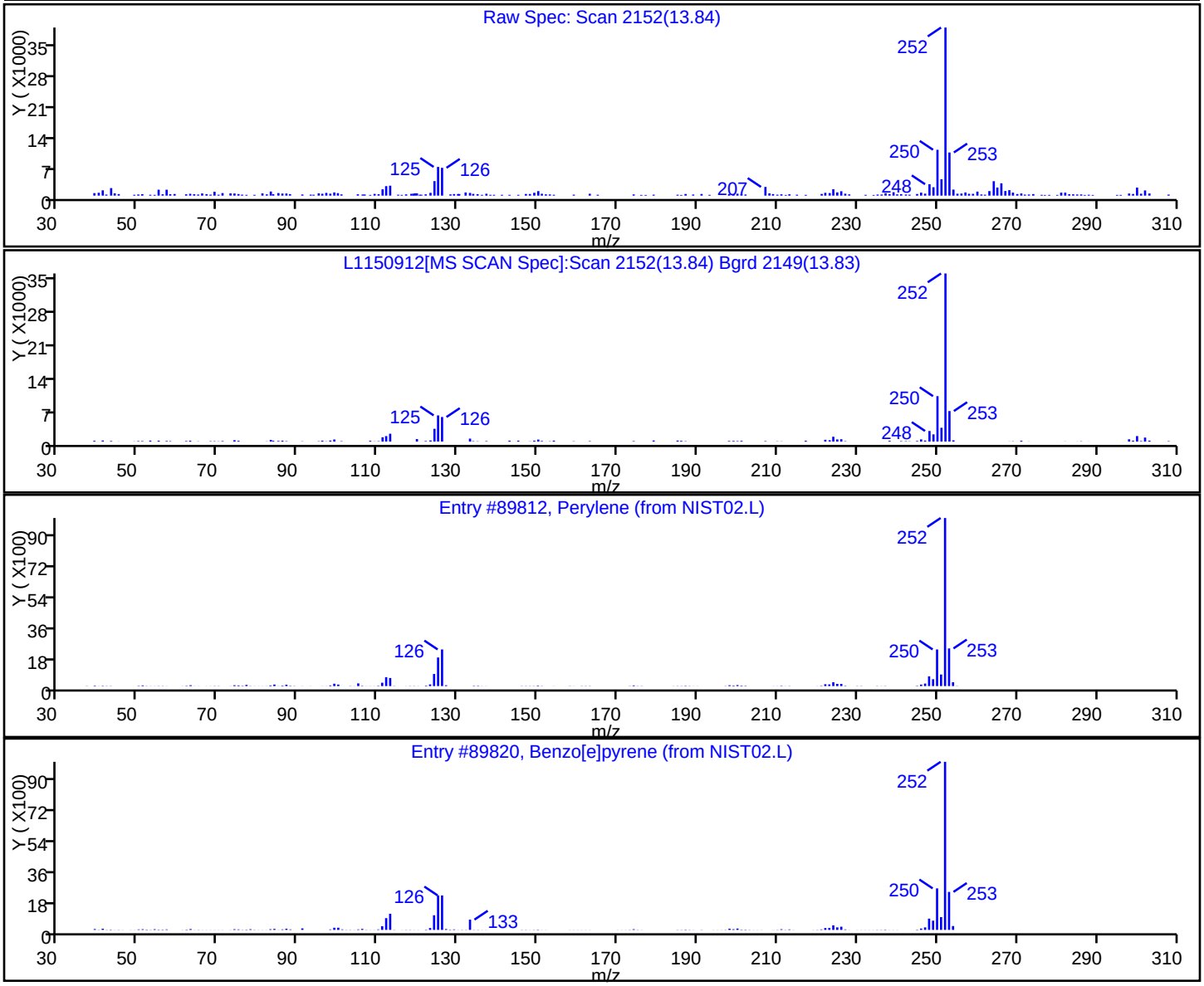
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Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Perylene	198-55-0	NIST02	89812	C20H12	252	94
Benzo[e]pyrene	192-97-2	NIST02.L	89820	C20H12	252	90

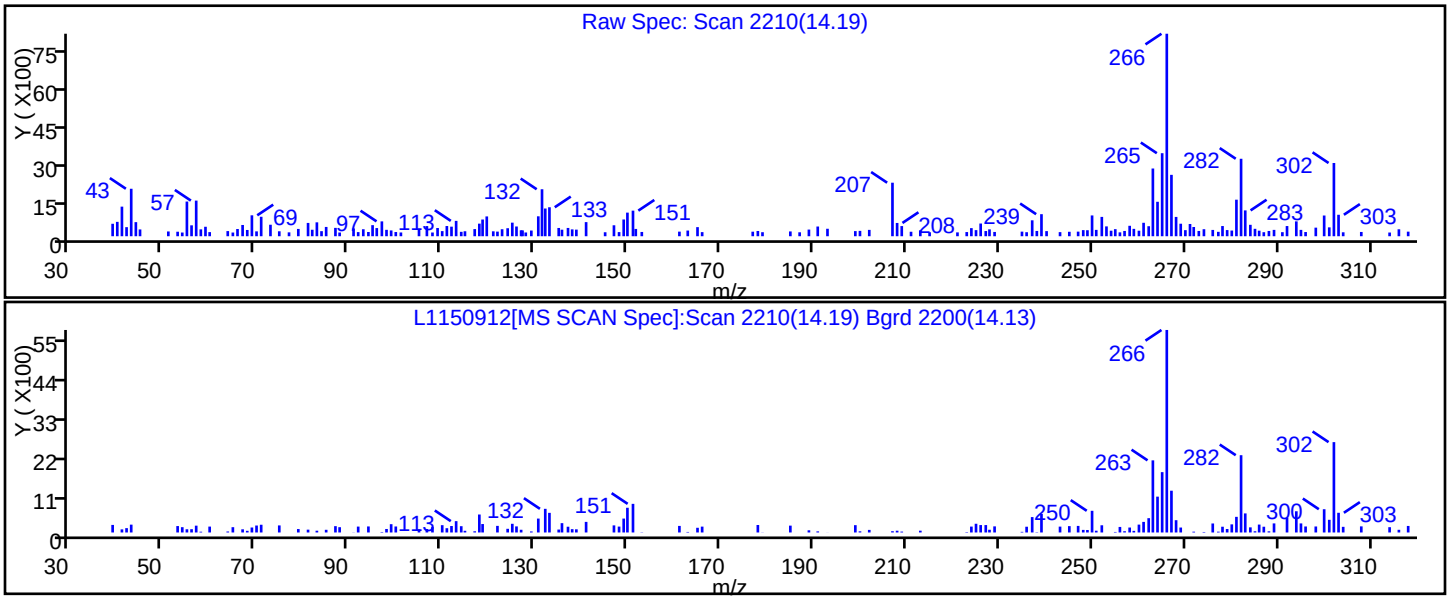


Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



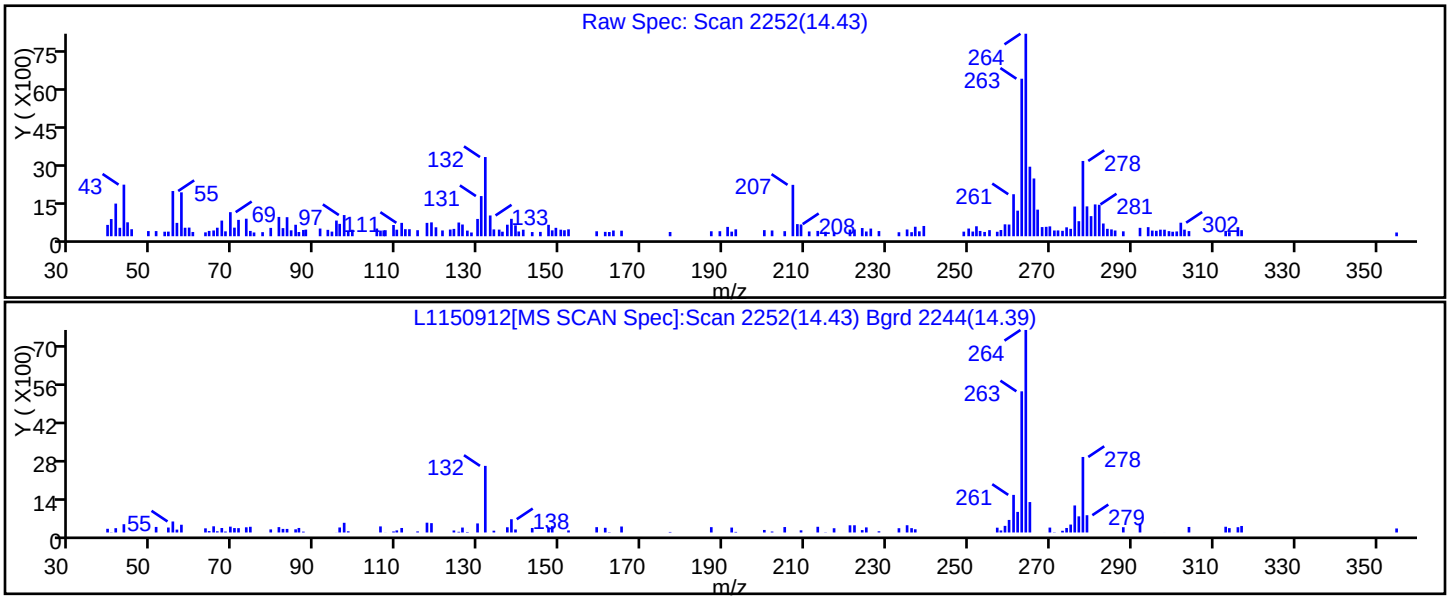
Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D

Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

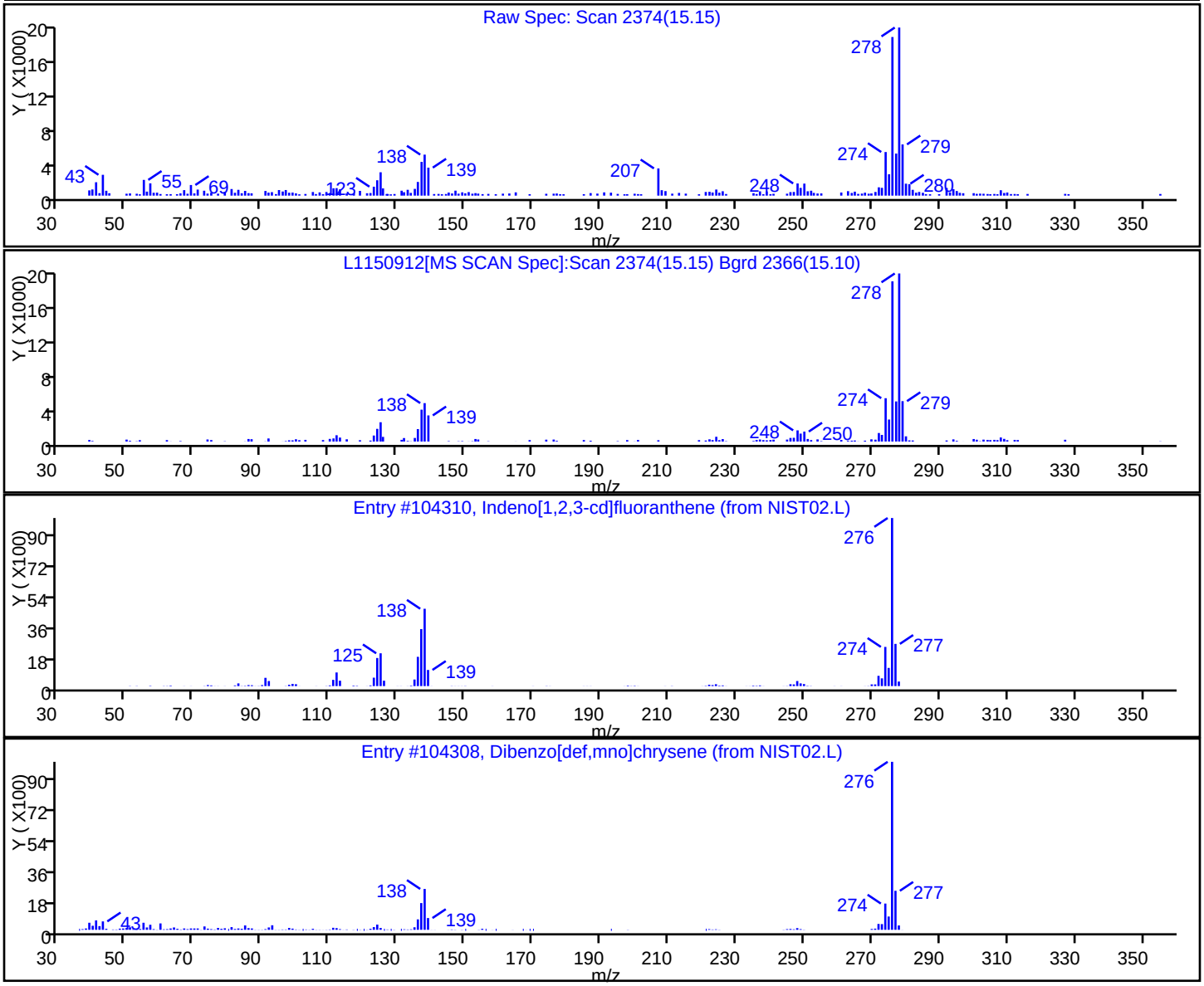
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indeno[1,2,3-cd]fluoranthene	193-43-1	NIST02	104310	C22H12	276	89
Dibenzo[def,mno]chrysene	191-26-4	NIST02.L	104308	C22H12	276	86



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Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

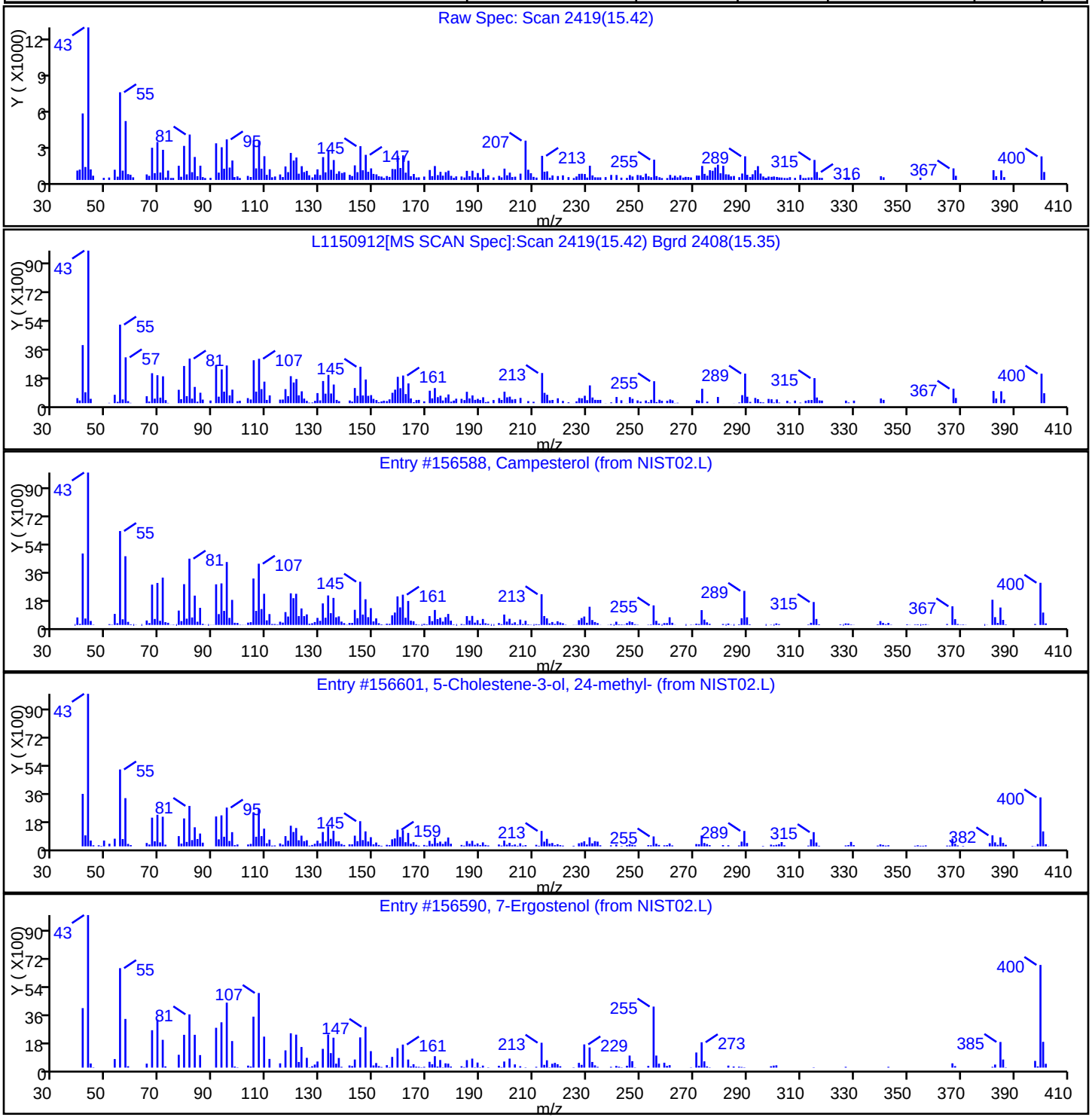
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Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Campesterol	474-62-4	NIST02	156588	C28H48O	400	95
5-Cholestene-3-ol, 24-methyl-	1000214-17-4	NIST02.L	156601	C28H48O	400	94
7-Ergostenol	116179-22-7	NIST02.L	156590	C28H48O	400	87



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Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

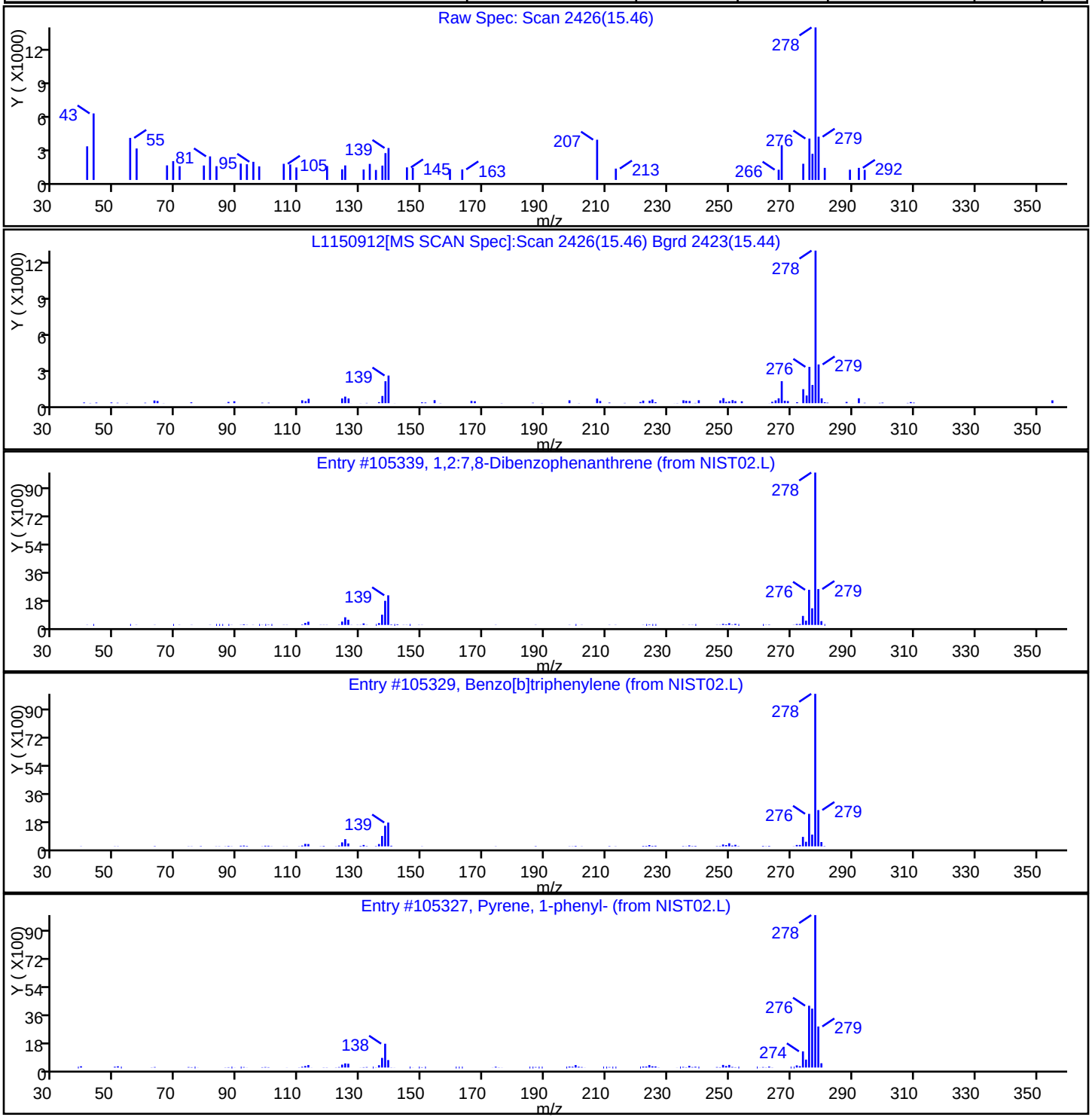
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Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,2:7,8-Dibenzophenanthrene	213-46-7	NIST02	105339	C22H14	278	93
Benzo[b]triphenylene	215-58-7	NIST02.L	105329	C22H14	278	89
Pyrene, 1-phenyl-	5101-27-9	NIST02.L	105327	C22H14	278	83



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Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

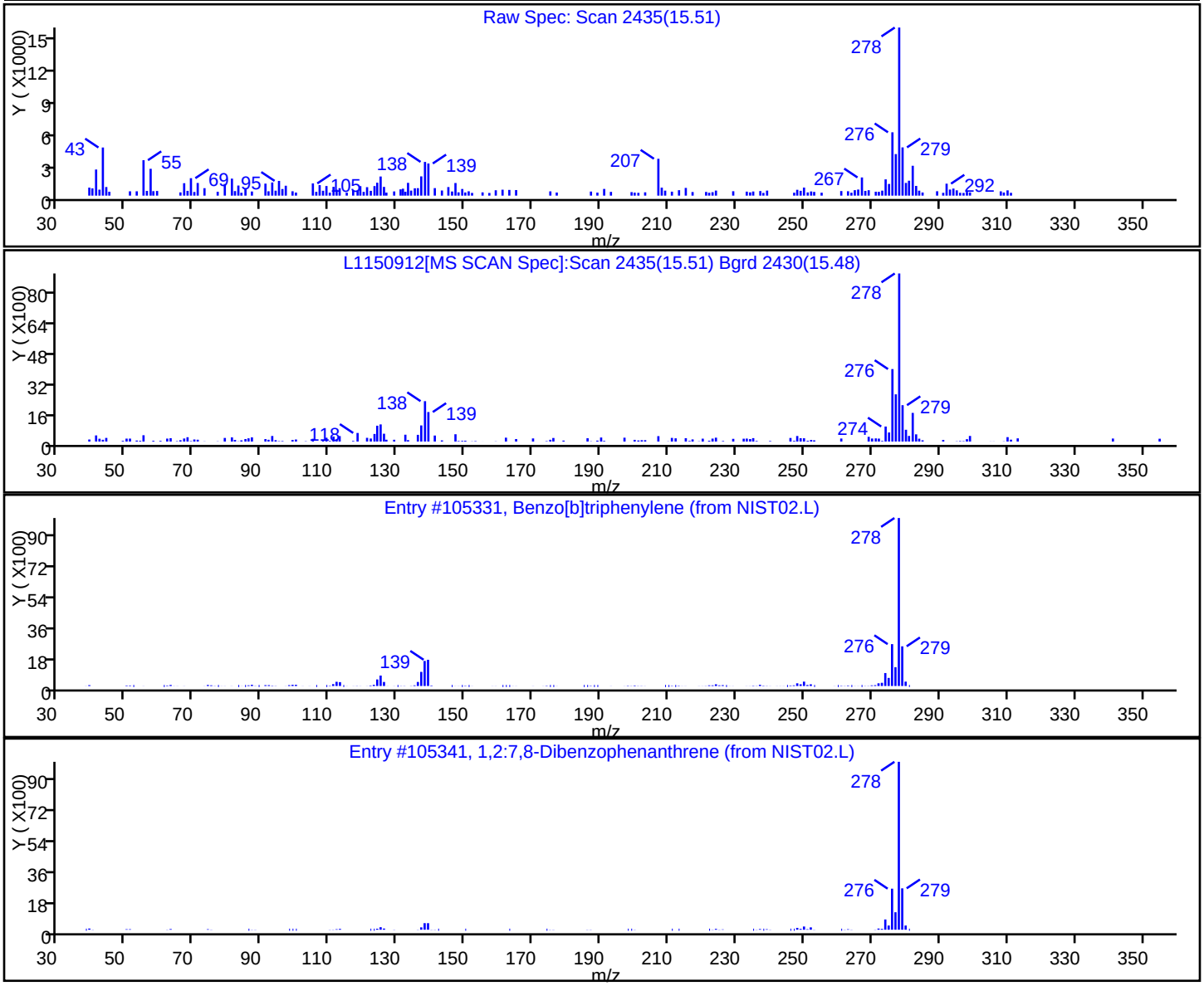
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Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[b]triphenylene	215-58-7	NIST02	105331	C22H14	278	91
1,2:7,8-Dibenzophenanthrene	213-46-7	NIST02.L	105341	C22H14	278	83



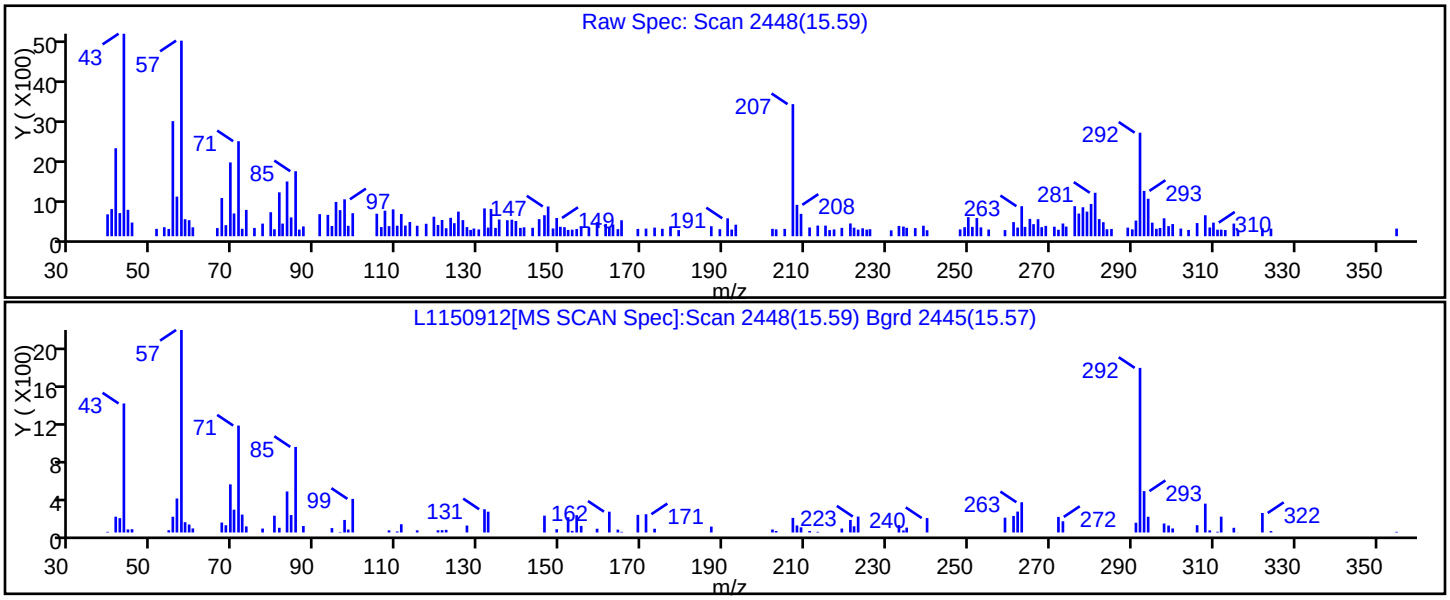
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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



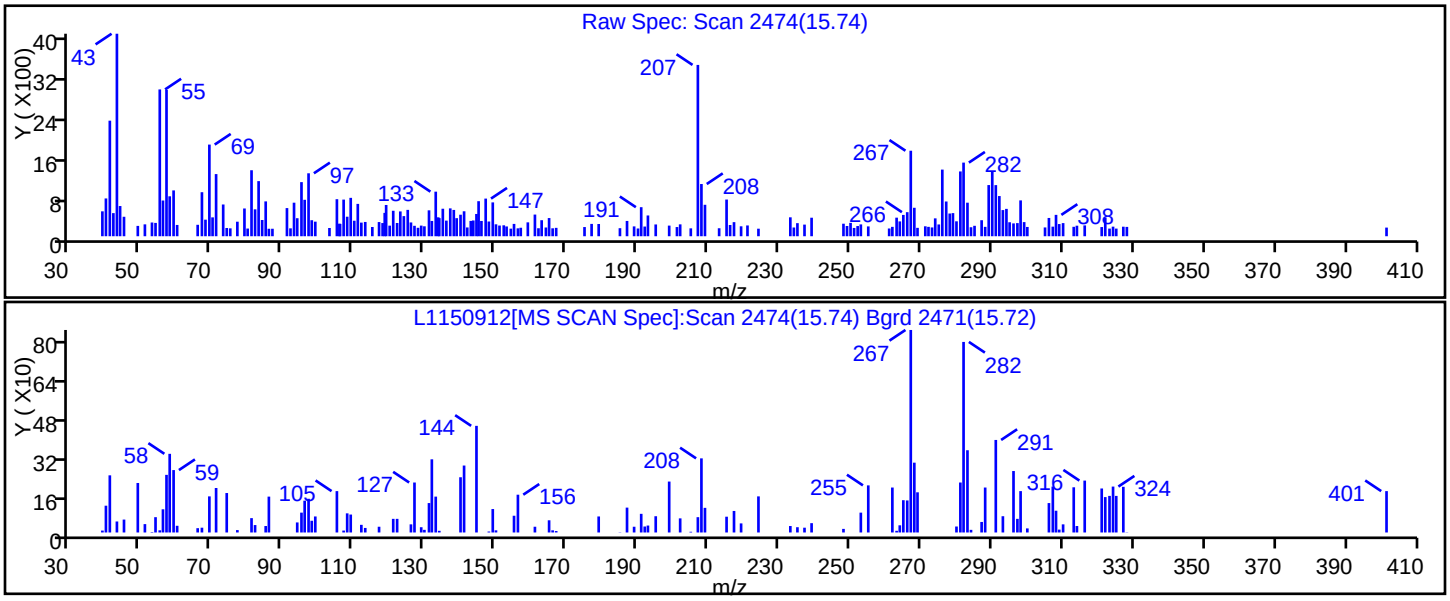
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Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



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Injection Date: 25-Jun-2014 01:12:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-2-A Lab Sample ID: 460-78044-2

Client ID: S-2

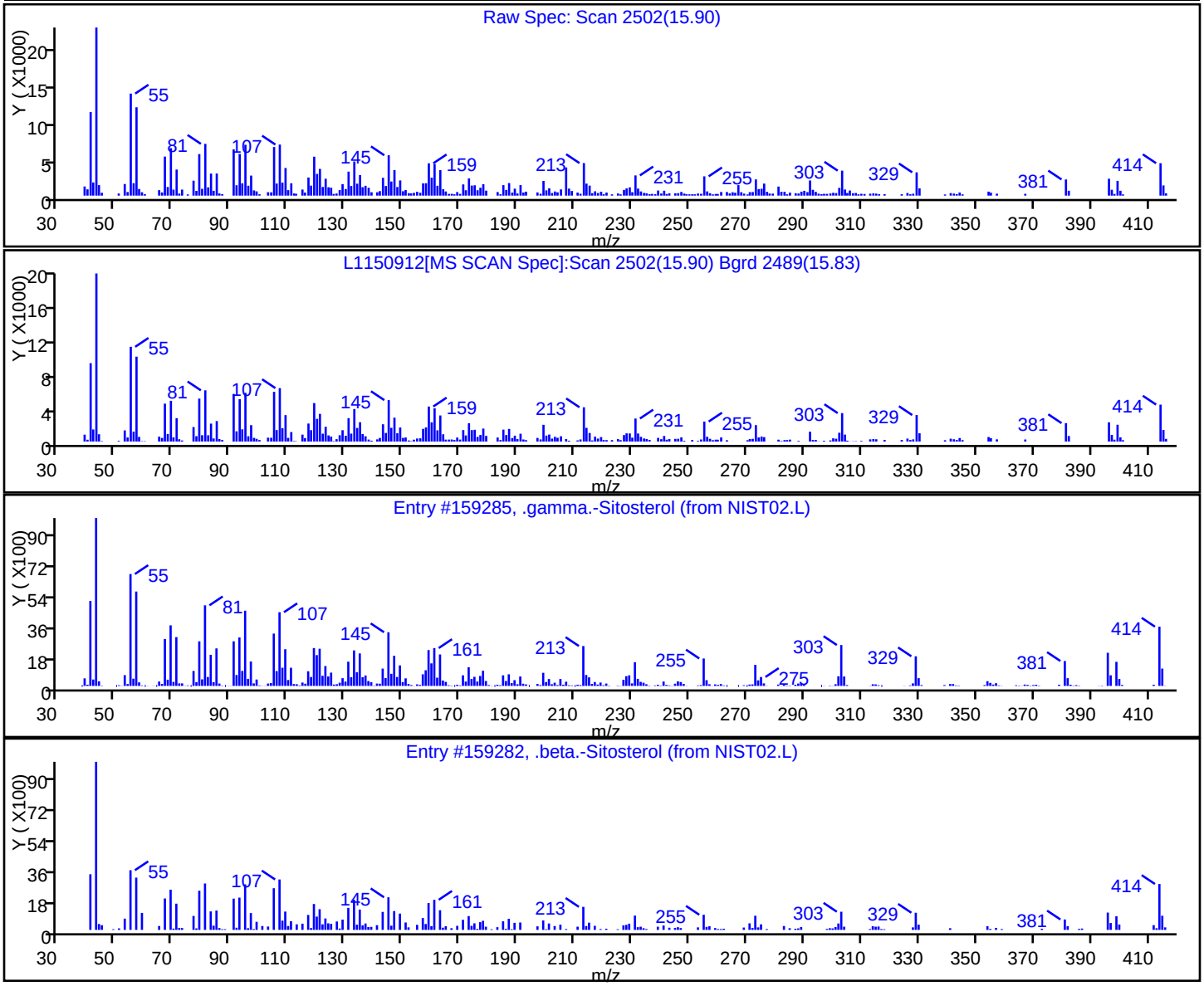
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.gamma.-Sitosterol	83-47-6	NIST02	159285	C29H50O	414	99
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	99

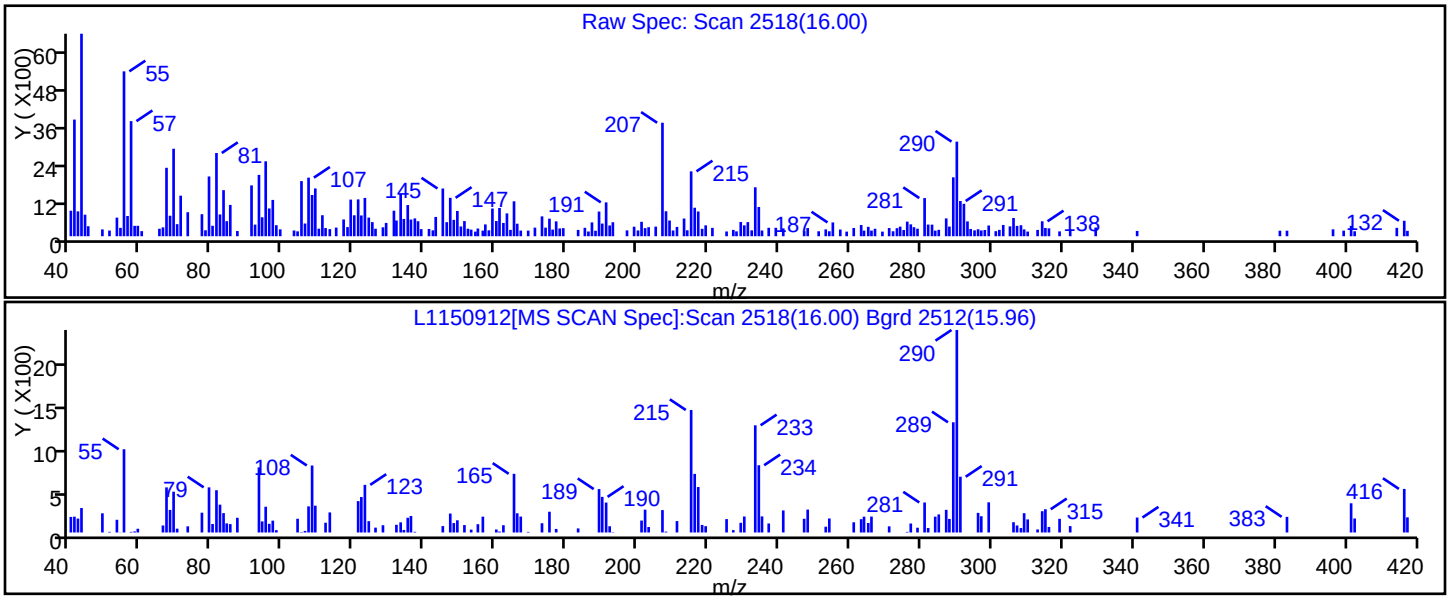


Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

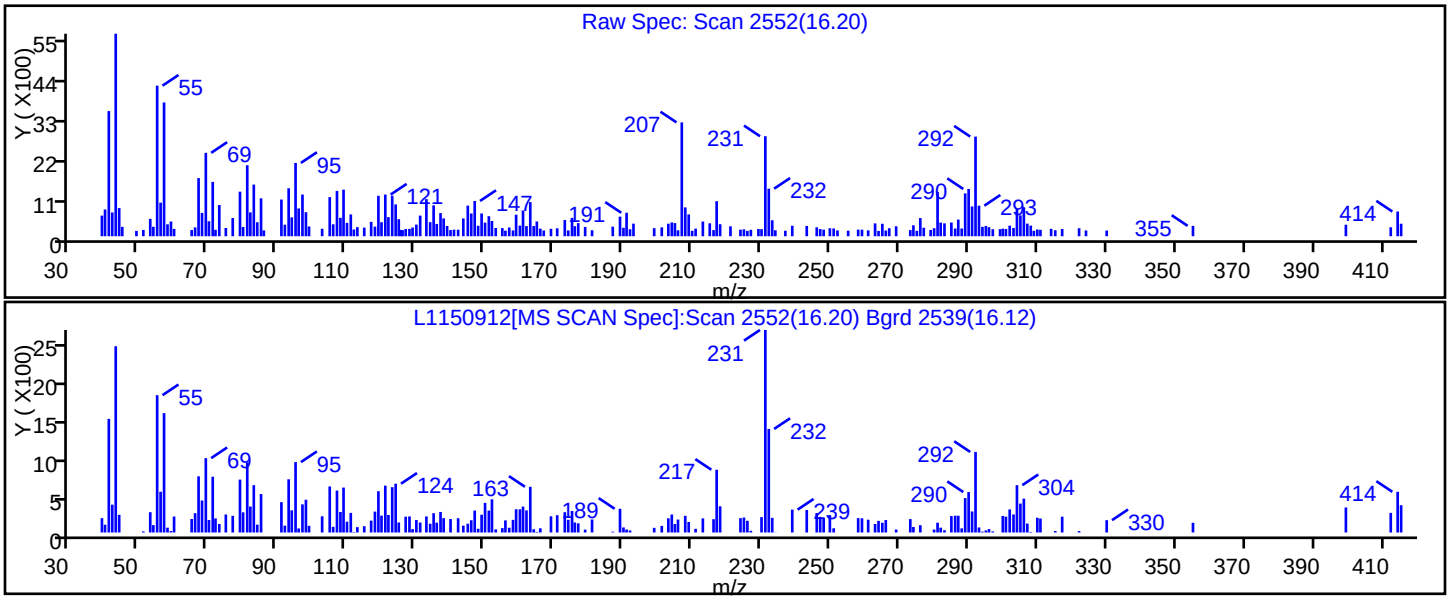


Report Date: 25-Jun-2014 11:56:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150912.D				
Injection Date:	25-Jun-2014 01:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-2-A	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Matrix: Solid | Lab File ID: L1150914.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	2200	290
108-60-1	2,2'-oxybis[1-chloropropane]	240	U	2200	240
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	2200	280
95-95-4	2,4,5-Trichlorophenol	280	U	2200	280
88-06-2	2,4,6-Trichlorophenol	260	U	2200	260
120-83-2	2,4-Dichlorophenol	320	U	2200	320
105-67-9	2,4-Dimethylphenol	540	U	2200	540
51-28-5	2,4-Dinitrophenol	1200	U	4400	1200
121-14-2	2,4-Dinitrotoluene	72	U	440	72
606-20-2	2,6-Dinitrotoluene	66	U	440	66
91-58-7	2-Chloronaphthalene	240	U	2200	240
95-57-8	2-Chlorophenol	290	U	2200	290
91-57-6	2-Methylnaphthalene	280	U	2200	280
95-48-7	2-Methylphenol	370	U	2200	370
88-74-4	2-Nitroaniline	910	U	2200	910
88-75-5	2-Nitrophenol	240	U	2200	240
91-94-1	3,3'-Dichlorobenzidine	770	U	2200	770
99-09-2	3-Nitroaniline	770	U	2200	770
534-52-1	4,6-Dinitro-2-methylphenol	600	U	4400	600
101-55-3	4-Bromophenyl phenyl ether	220	U	2200	220
59-50-7	4-Chloro-3-methylphenol	330	U	2200	330
106-47-8	4-Chloroaniline	580	U	2200	580
7005-72-3	4-Chlorophenyl phenyl ether	260	U	2200	260
106-44-5	4-Methylphenol	430	U	2200	430
100-01-6	4-Nitroaniline	680	U	4400	680
100-02-7	4-Nitrophenol	1400	U	2200	1400
83-32-9	Acenaphthene	13000		2200	320
208-96-8	Acenaphthylene	3100		2200	260
98-86-2	Acetophenone	340	U	2200	340
120-12-7	Anthracene	2400		2200	270
1912-24-9	Atrazine	340	U	2200	340
100-52-7	Benzaldehyde	260	U	2200	260
56-55-3	Benzo[a]anthracene	4600		220	15
50-32-8	Benzo[a]pyrene	4100		220	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Matrix: Solid | Lab File ID: L1150914.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	4600		220	14
191-24-2	Benzo[g,h,i]perylene	970	J *	2200	160
207-08-9	Benzo[k]fluoranthene	1800		220	17
111-91-1	Bis(2-chloroethoxy)methane	280	U	2200	280
111-44-4	Bis(2-chloroethyl)ether	30	U	220	30
117-81-7	Bis(2-ethylhexyl) phthalate	730	U	2200	730
85-68-7	Butyl benzyl phthalate	200	U	2200	200
105-60-2	Caprolactam	500	U	2200	500
86-74-8	Carbazole	470	J	2200	260
218-01-9	Chrysene	5300		2200	260
53-70-3	Dibenz(a,h)anthracene	480		220	28
132-64-9	Dibenzofuran	1900	J	2200	260
84-66-2	Diethyl phthalate	260	U	2200	260
131-11-3	Dimethyl phthalate	260	U	2200	260
84-74-2	Di-n-butyl phthalate	270	U	2200	270
117-84-0	Di-n-octyl phthalate	140	U	2200	140
92-52-4	Diphenyl	290	U	2200	290
206-44-0	Fluoranthene	12000		2200	290
86-73-7	Fluorene	1200	J	2200	280
118-74-1	Hexachlorobenzene	30	U	220	30
87-68-3	Hexachlorobutadiene	53	U	440	53
77-47-4	Hexachlorocyclopentadiene	260	U	2200	260
67-72-1	Hexachloroethane	24	U	220	24
193-39-5	Indeno[1,2,3-cd]pyrene	1400		220	41
78-59-1	Isophorone	270	U	2200	270
91-20-3	Naphthalene	740	J	2200	250
98-95-3	Nitrobenzene	31	U *	220	31
621-64-7	N-Nitrosodi-n-propylamine	37	U	220	37
86-30-6	N-Nitrosodiphenylamine	220	U	2200	220
87-86-5	Pentachlorophenol	650	U	4400	650
85-01-8	Phenanthrene	4500		2200	280
108-95-2	Phenol	290	U	2200	290
129-00-0	Pyrene	8100		2200	180

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Matrix: Solid | Lab File ID: L1150914.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	87		19-114
321-60-8	2-Fluorobiphenyl	88		49-112
367-12-4	2-Fluorophenol	79		39-103
4165-60-0	Nitrobenzene-d5	82		40-106
4165-62-2	Phenol-d5	81		44-104
1718-51-0	Terphenyl-d14	68		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Matrix: Solid | Lab File ID: L1150914.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

Number TICs Found: 13 | TIC Result Total: 43100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
110-82-7	Cyclohexane	1.45	4800	J N
203-80-5	1H-Phenalene	8.05	3200	J N
2531-84-2	Phenanthrene, 2-methyl-	9.50	4200	J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.61	7300	J N
2381-21-7	Pyrene, 1-methyl-	10.67	2100	J N
2381-21-7	Pyrene, 1-methyl-	10.79	2100	J N
205-43-6	Benzo[b]naphtho[1,2-d]thiophene	11.51	2300	J N
3697-24-3	Chrysene, 6-methyl-	12.37	3000	J N
67099-81-4	9,10,11,12-Tetrahydrobenzo[e]pyrene	12.86	2200	J N
2388-99-0	Docosanoic acid, 13-oxo-, methyl ester	12.98	1900	J N
192-97-2	Benzo[e]pyrene	13.67	3900	J N
	Unknown	13.86	4300	J
	Unknown	14.28	1800	J

Report Date: 25-Jun-2014 11:59:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D
Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 25-Jun-2014 02:00:30 ALS Bottle#: 21 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0014971-022
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:59:26 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:59:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.181	3.181	0.000	89	18189	7.88	
$ 6 Phenol-d5	99	4.098	4.110	-0.012	63	23000	8.10	
* 13 1,4-Dichlorobenzene-d4	152	4.493	4.492	0.001	96	73048	40.0	
$ 25 Nitrobenzene-d5	82	5.045	5.051	-0.006	93	19627	8.18	
* 35 Naphthalene-d8	136	5.775	5.775	0.000	99	255976	40.0	
36 Naphthalene	128	5.798	5.798	0.000	60	10711	1.68	
41 2-Methylnaphthalene	142	6.492	6.498	-0.006	63	2244	0.5311	
$ 48 2-Fluorobiphenyl	172	6.857	6.863	-0.006	97	40664	8.83	
49 1,1'-Biphenyl	154	6.957	6.963	-0.006	59	3184	0.6187	
59 Acenaphthylene	152	7.392	7.398	-0.006	95	39822	6.92	
* 61 Acenaphthene-d10	164	7.534	7.533	0.001	92	141305	40.0	
62 Acenaphthene	154	7.563	7.569	-0.006	89	107636	29.0	
66 Dibenzofuran	168	7.734	7.739	-0.005	89	22728	4.20	
70 Fluorene	166	8.086	8.080	0.006	69	11324	2.62	
$ 76 2,4,6-Tribromophenol	330	8.310	8.316	-0.006	68	5823	8.75	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	98	229706	40.0	
84 Phenanthrene	178	9.028	9.027	0.001	74	62029	10.2	
85 Anthracene	178	9.075	9.080	-0.005	97	33800	5.43	
86 Carbazole	167	9.233	9.233	0.000	78	5680	1.07	
88 Fluoranthene	202	10.198	10.204	-0.006	98	163978	27.0	
90 Pyrene	202	10.433	10.433	0.000	98	175355	18.3	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	97	45293	6.82	
95 Benzo[a]anthracene	228	11.821	11.821	0.000	95	86473	10.5	
* 96 Chrysene-d12	240	11.833	11.827	0.006	99	310861	40.0	
97 Chrysene	228	11.869	11.868	0.001	94	90556	12.1	
100 Benzo[b]fluoranthene	252	13.286	13.274	0.012	97	118182	10.4	
101 Benzo[k]fluoranthene	252	13.321	13.321	0.006	1	50546	4.19	
102 Benzo[a]pyrene	252	13.745	13.733	0.012	97	102887	9.39	
* 103 Perylene-d12	264	13.833	13.809	0.024	99	455962	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.309	15.304	0.005	95	36081	3.09	
105 Dibenz(a,h)anthracene	278	15.333	15.333	-0.006	47	11275	1.08	
106 Benzo[g,h,i]perylene	276	15.680	15.692	-0.012	94	27216	2.19	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D
Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 25-Jun-2014 02:00:30 ALS Bottle#: 21 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0014971-022
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:59:26 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:59:26

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
110-82-7 Cyclohexane								
1.452	128584	11.0	13	91	1436	C6H12	84	
203-80-5 1H-Phenalene								
8.045	111271	7.20	61	80	33360	C13H10	166	
2531-84-2 Phenanthrene, 2-methyl-								
9.498	143303	9.50	83	93	50627	C15H12	192	
203-64-5 4H-Cyclopenta[def]phenanthrene								
9.610	248423	16.5	83	93	49337	C15H10	190	
2381-21-7 Pyrene, 1-methyl-								
10.669	135017	4.77	96	90	67023	C17H12	216	
2381-21-7 Pyrene, 1-methyl-								
10.786	132368	4.68	96	91	67023	C17H12	216	
205-43-6 Benzo[b]naphtho[1,2-d]thiophene								
11.510	147411	5.21	96	89	78654	C16H10S	234	
3697-24-3 Chrysene, 6-methyl-								
12.369	190143	6.72	96	94	83845	C19H14	242	
67099-81-4 9,10,11,12-Tetrahydrobenzo[e]pyrene								
12.863	151024	5.02	103	83	92378	C20H16	256	
2388-99-0 Docosanoic acid, 13-oxo-, methyl ester								
12.980	128741	4.28	103	95	147695	C23H44O3	368	
192-97-2 Benzo[e]pyrene								
13.668	267734	8.91	103	96	89816	C20H12	252	
Unknown								
13.863	290528	9.67	103					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
14.280	121376	4.04	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.493	469180	40.0
* 61 Acenaphthene-d10	7.534	618083	40.0
* 83 Phenanthrene-d10	9.004	603422	40.0
* 96 Chrysene-d12	11.833	1131096	40.0
* 103 Perylene-d12	13.833	1202272	40.0

QC Flag Legend

Processing Flags

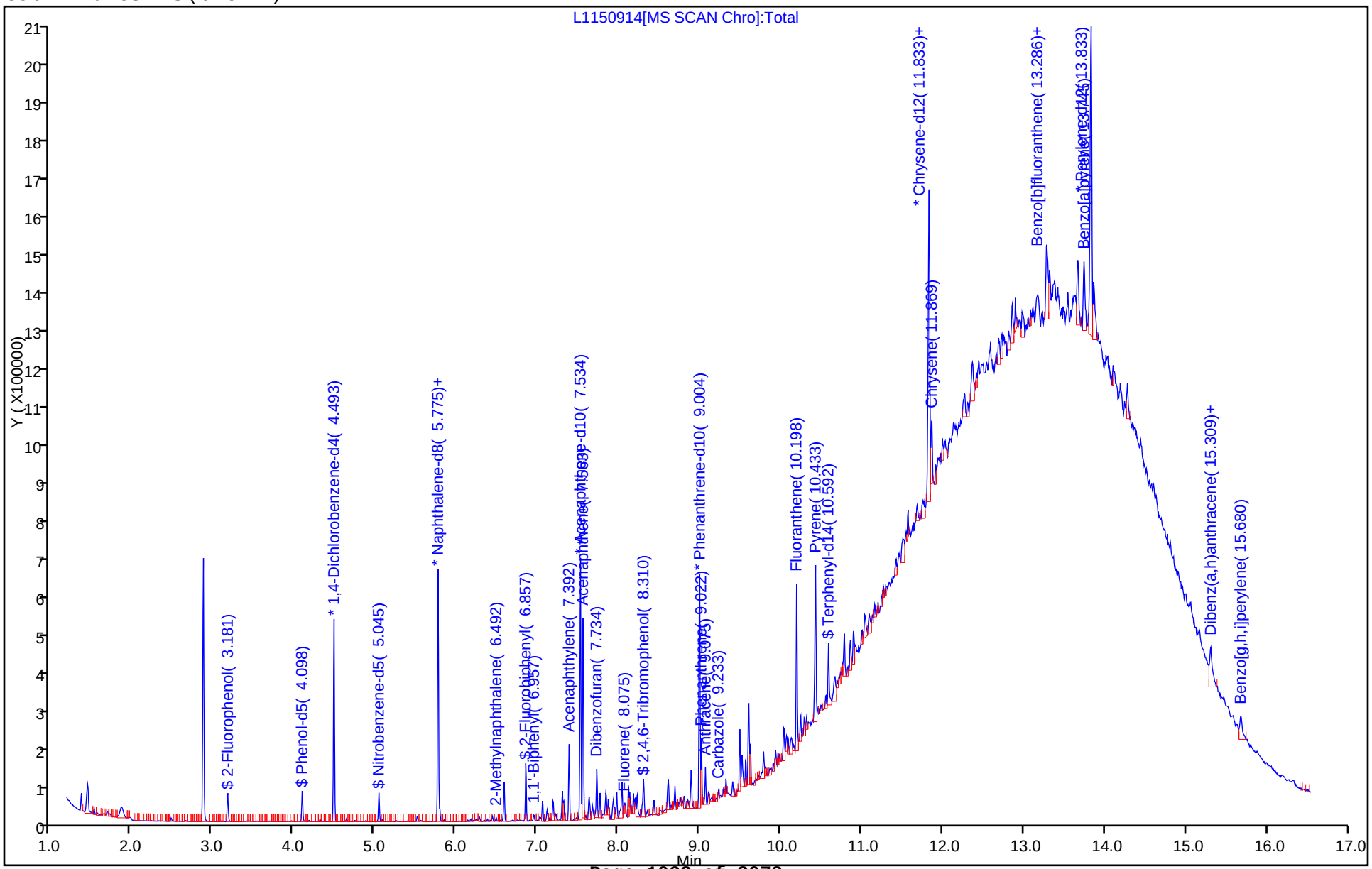
Report Date: 25-Jun-2014 11:59:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3	Worklist Smp#:	22
Client ID:	S-3				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	21
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

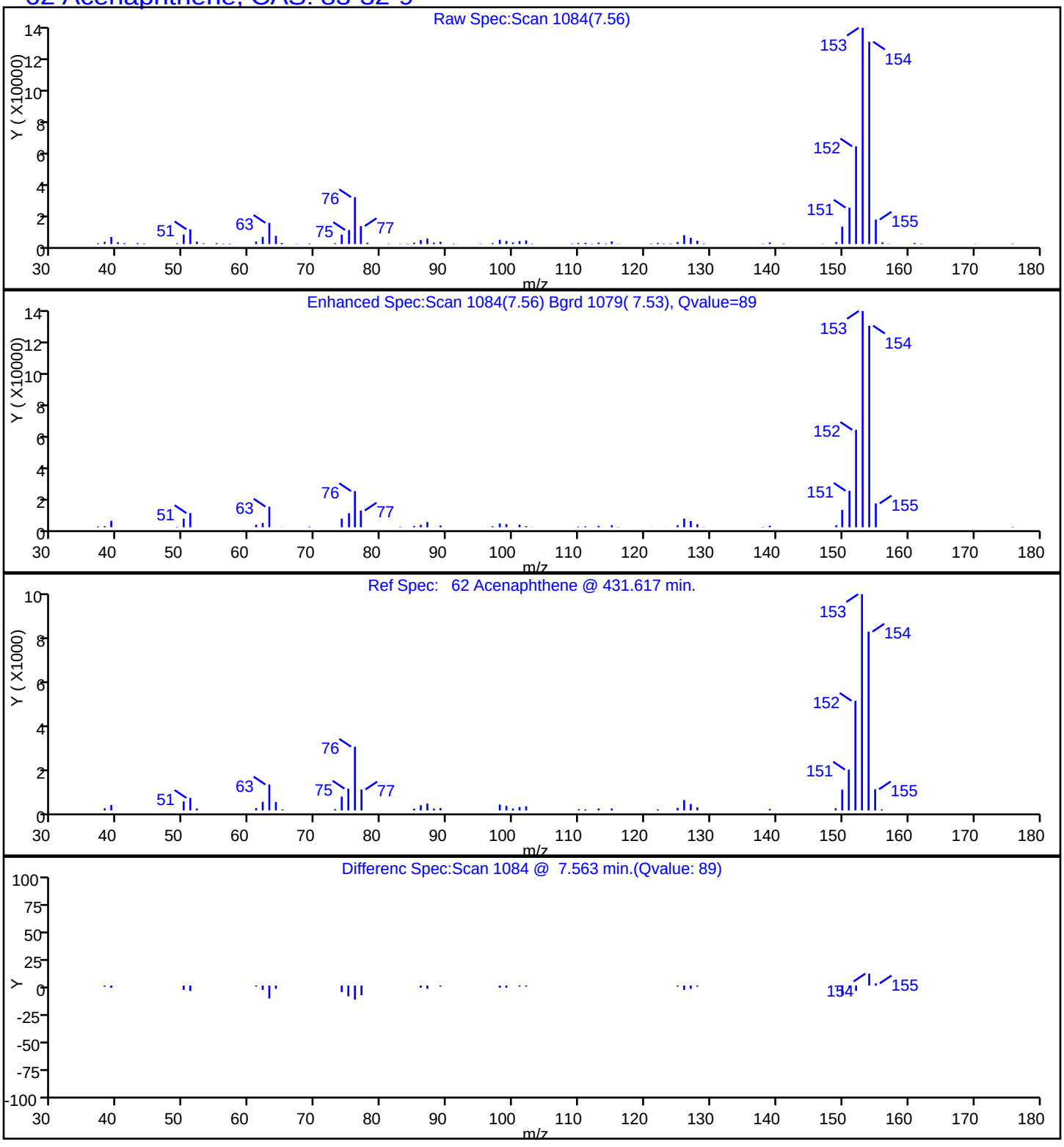


Report Date: 25-Jun-2014 11:59:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D				
Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9

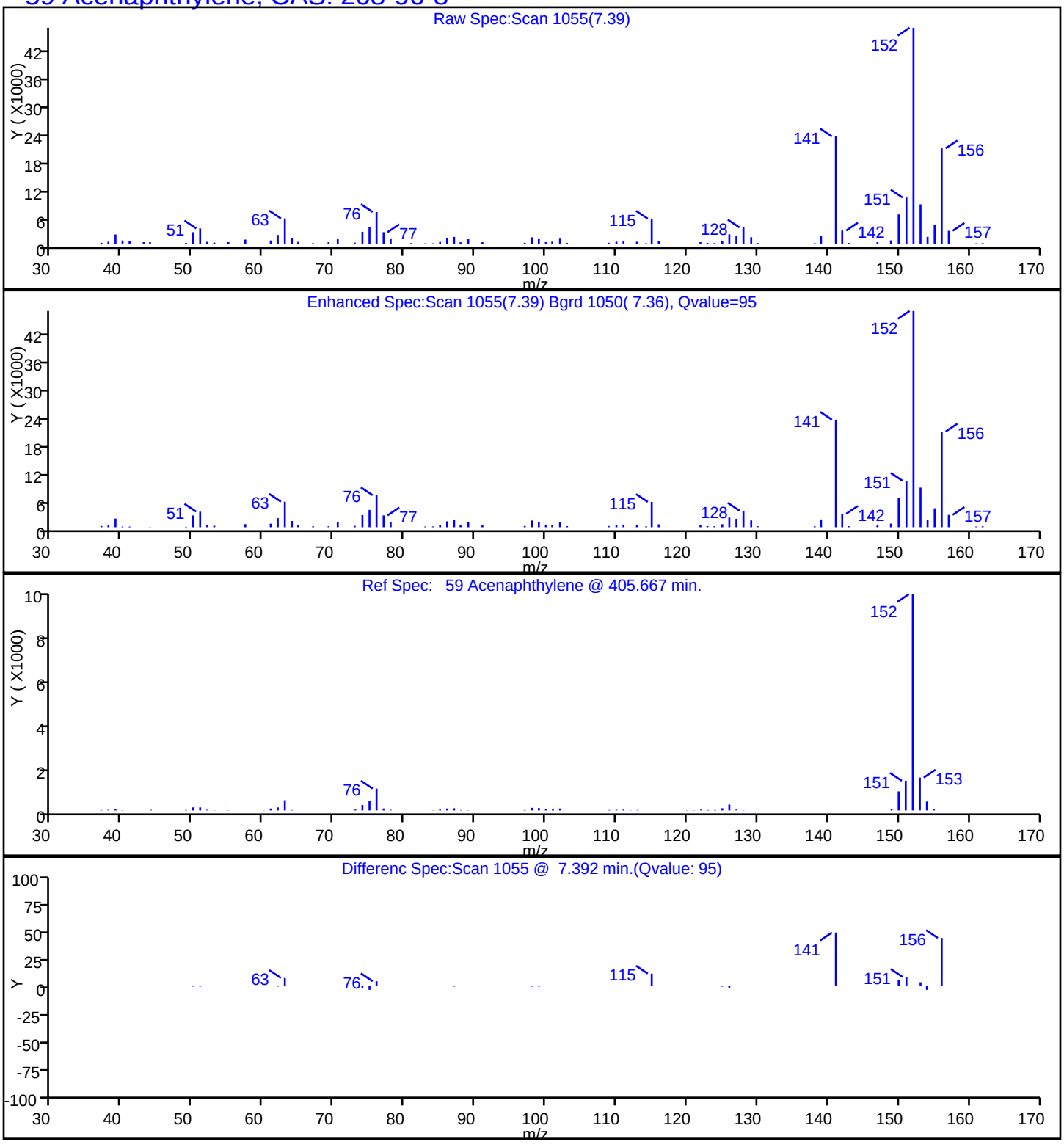


Report Date: 25-Jun-2014 11:59:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D				
Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



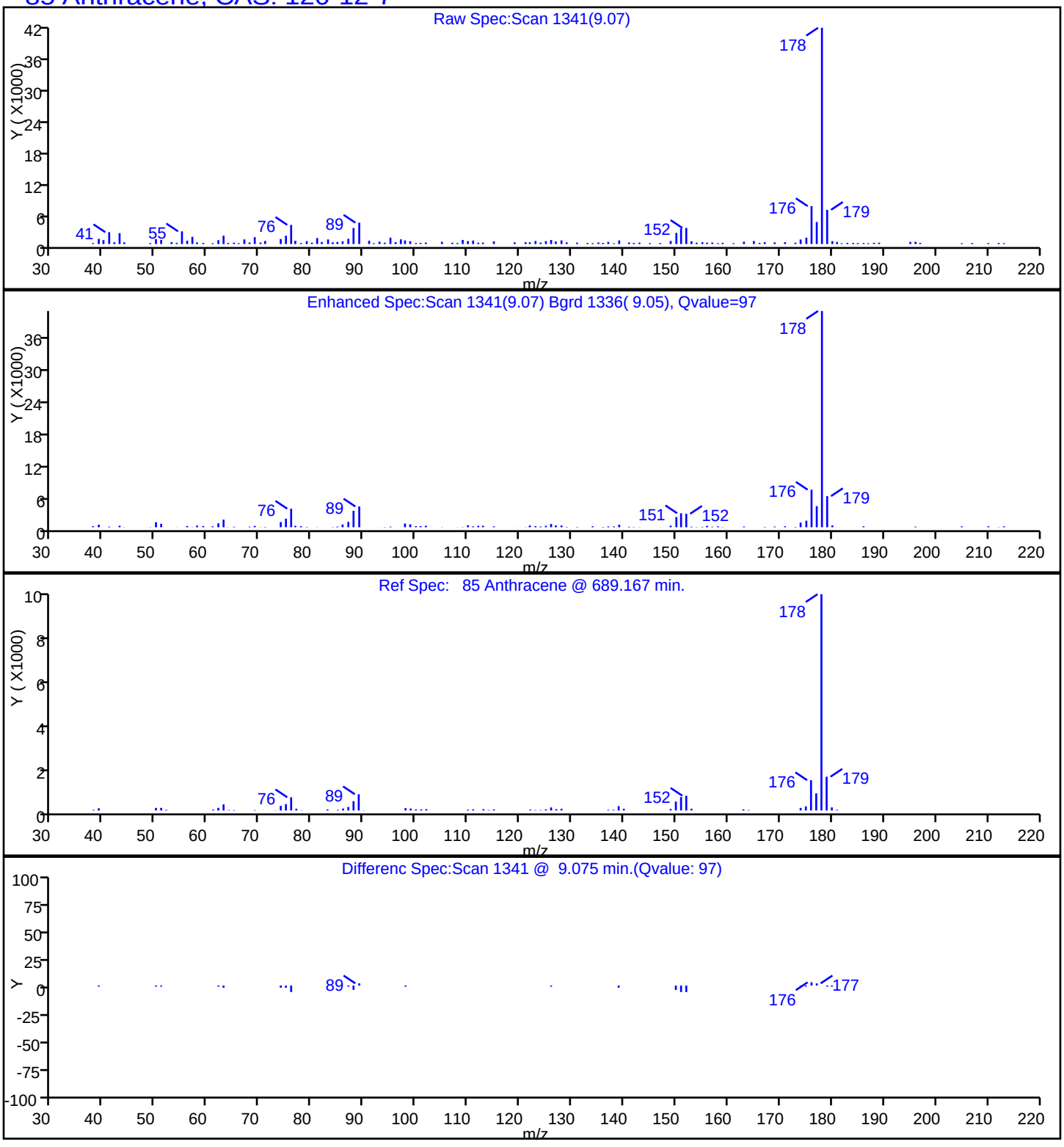
Report Date: 25-Jun-2014 11:59:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7

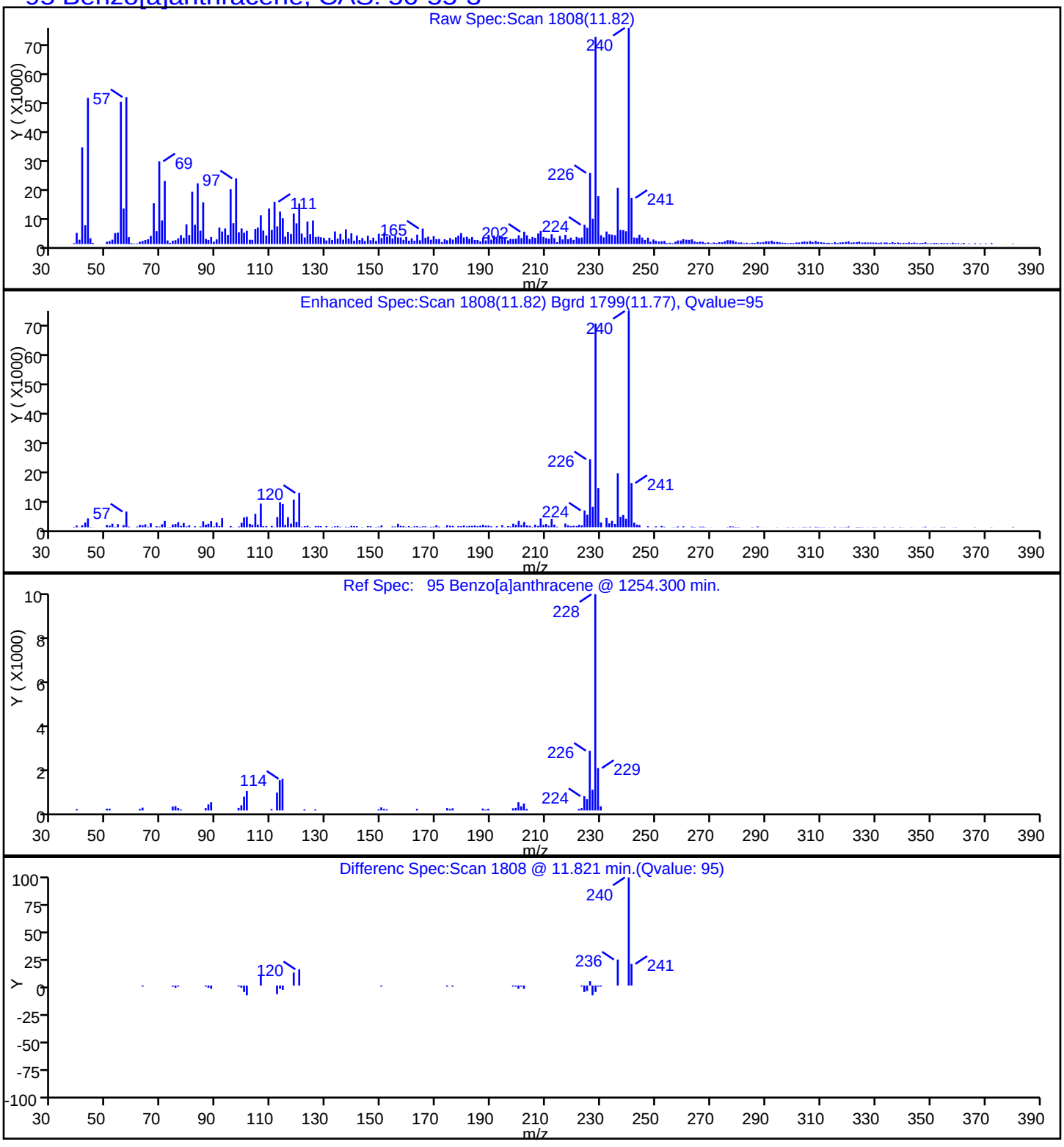


Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3



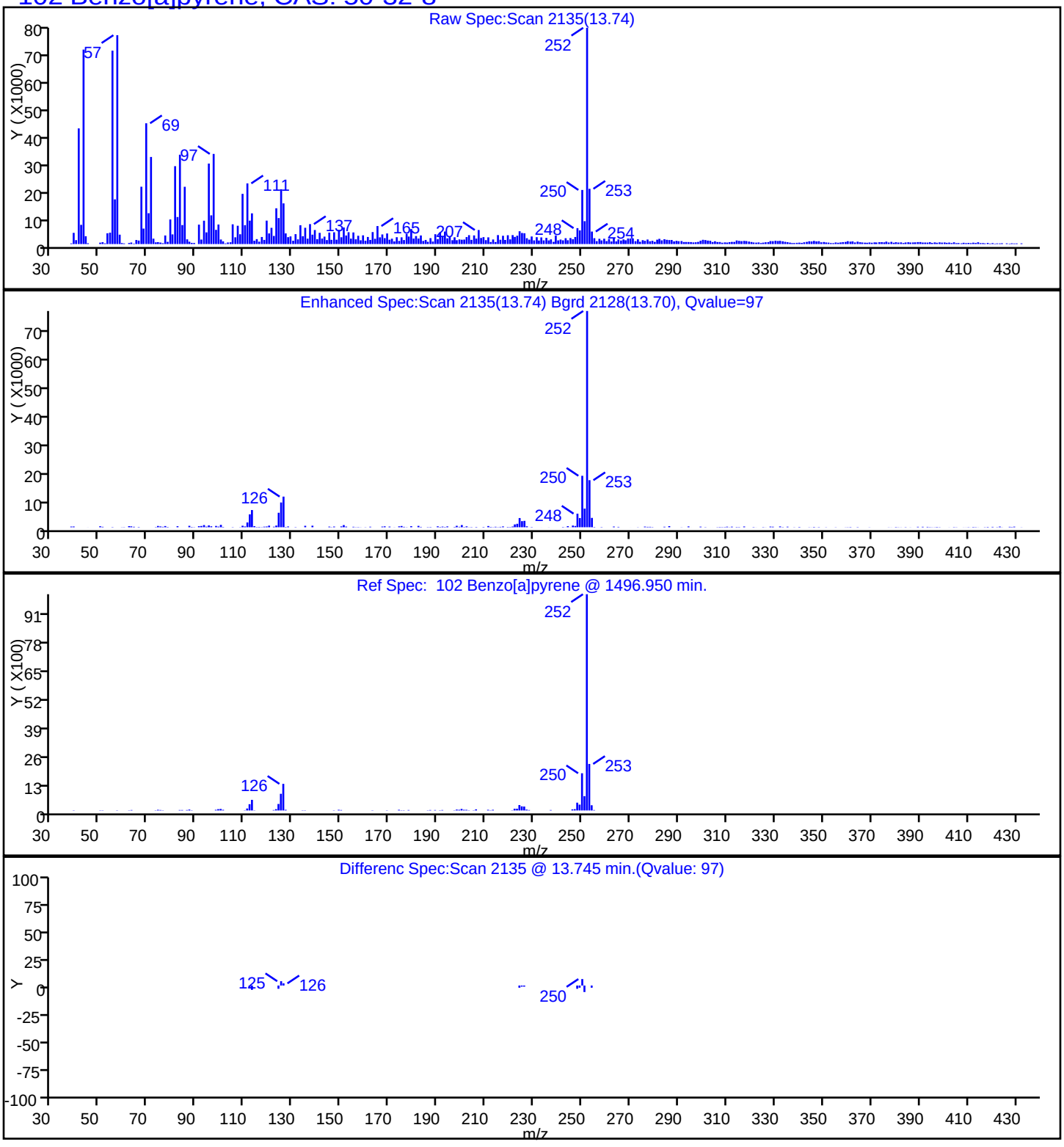
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TestAmerica Edison

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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8

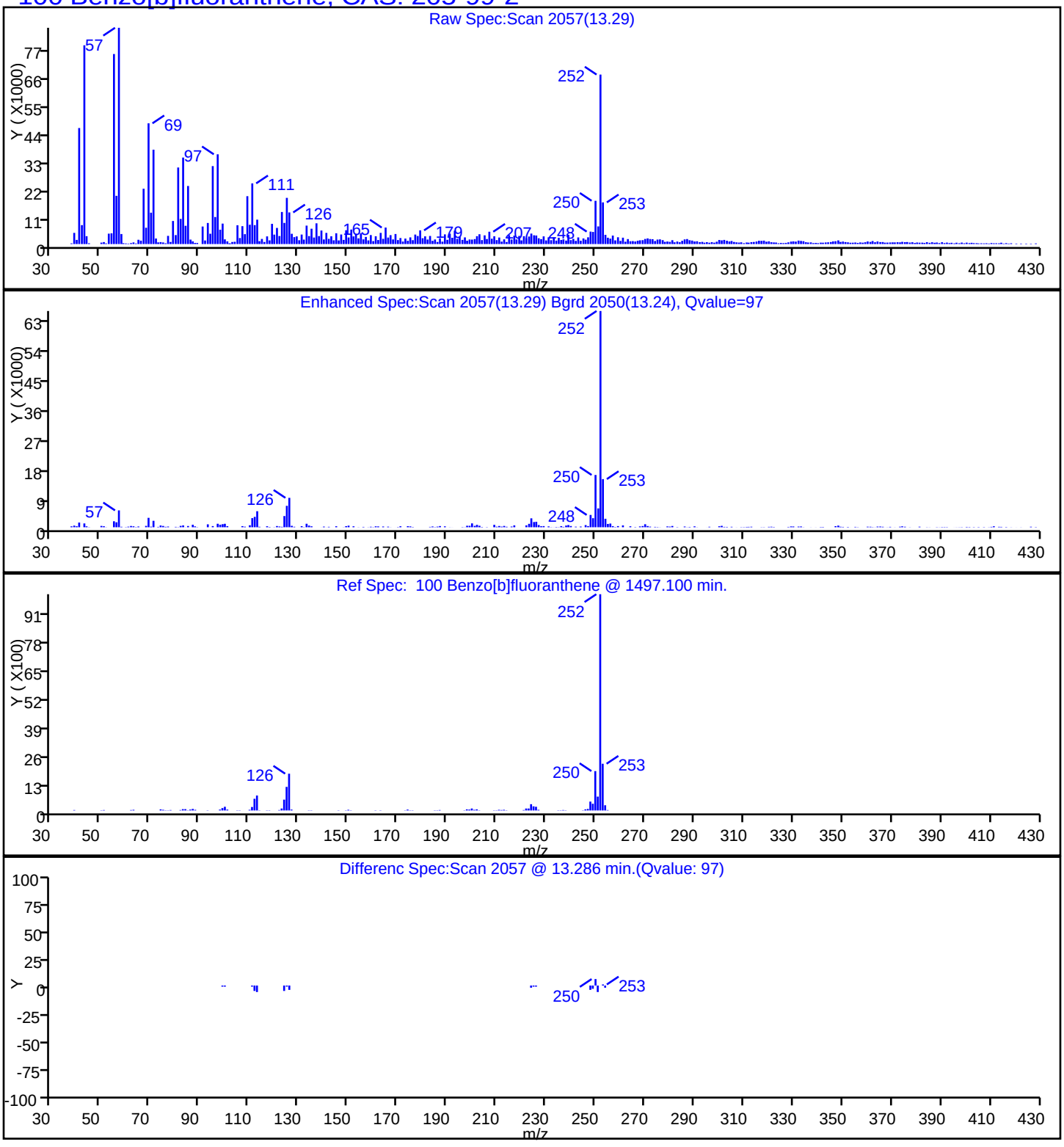


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TestAmerica Edison

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Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2

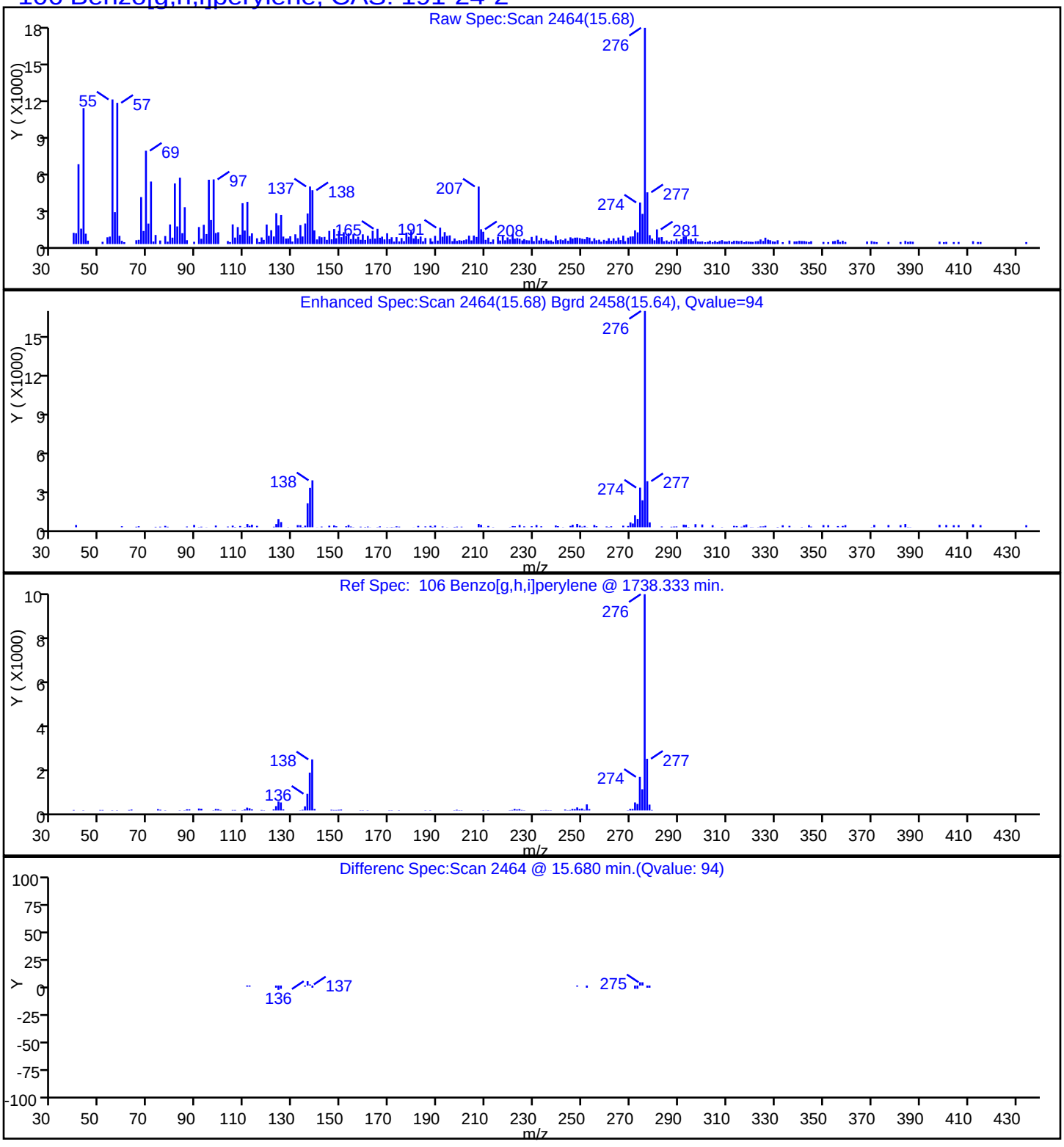


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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2

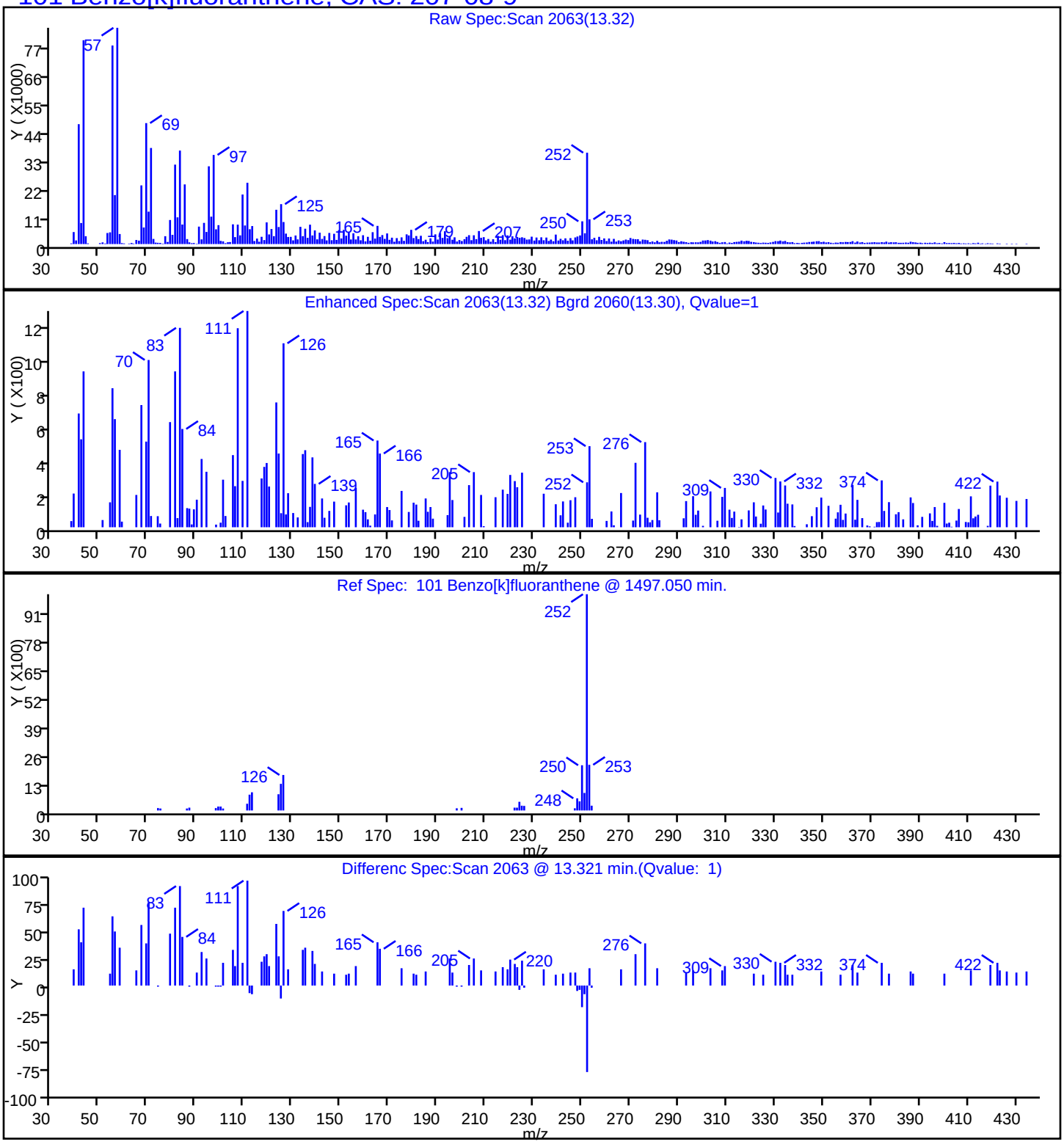


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Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



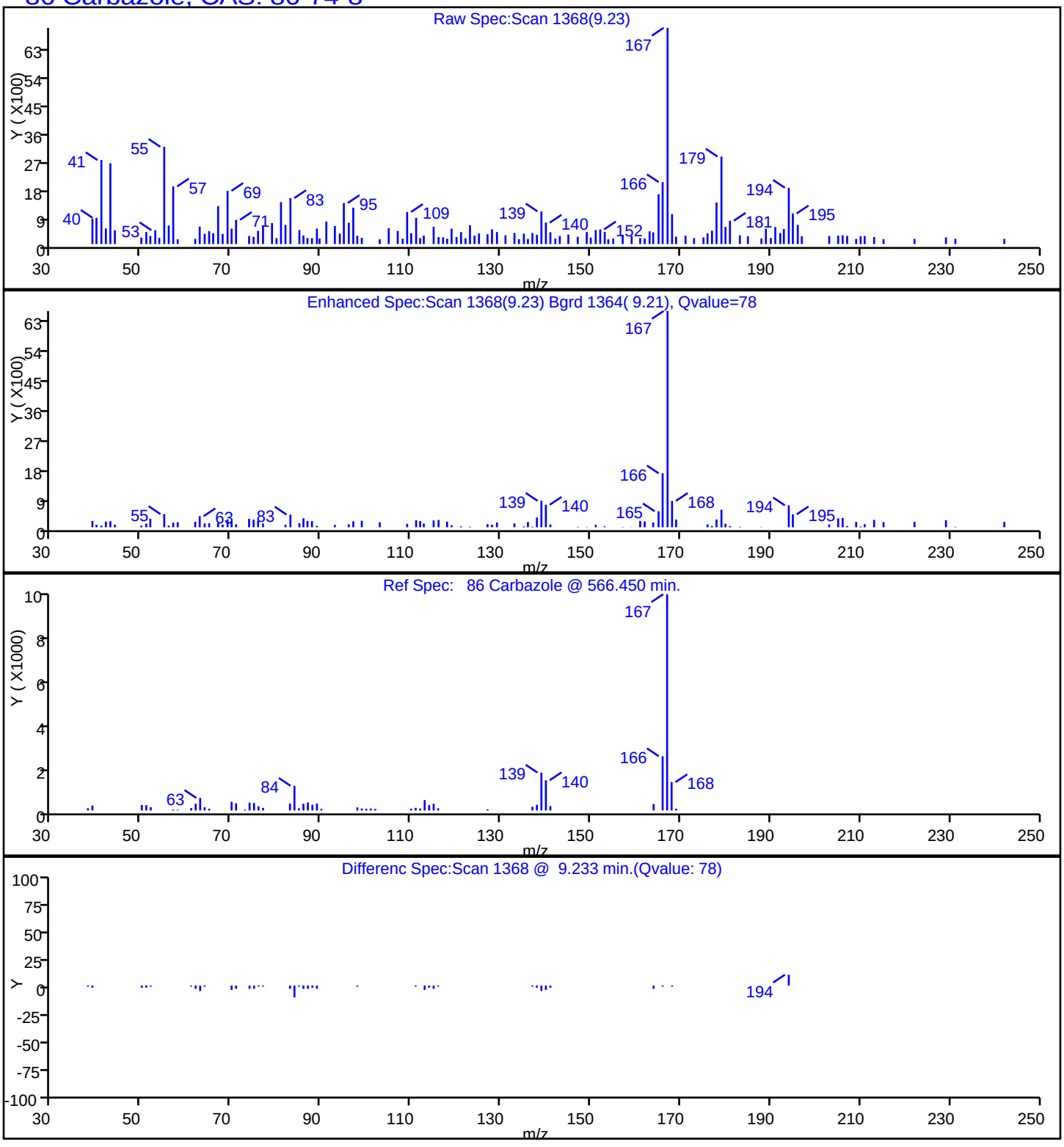
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



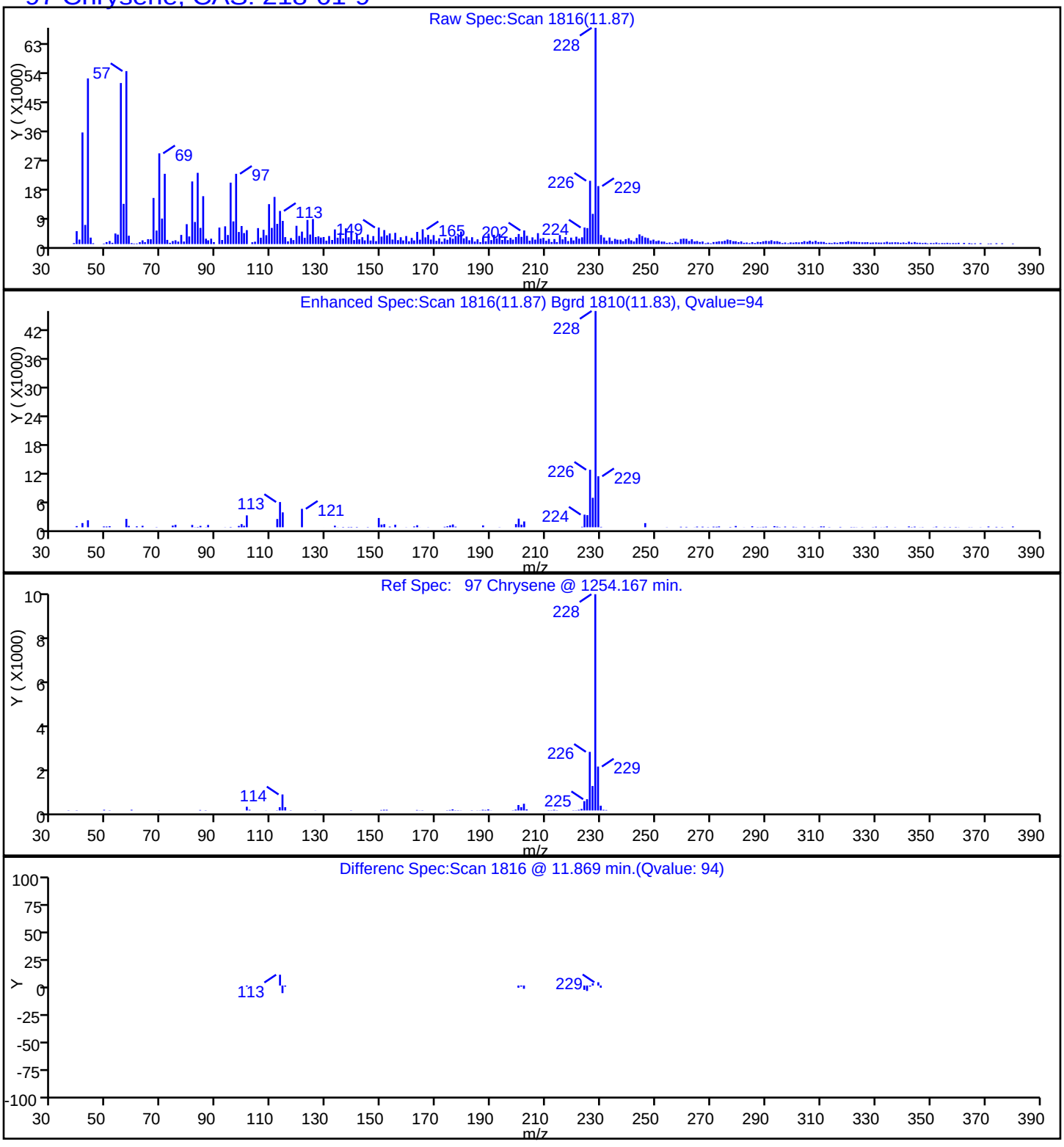
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9

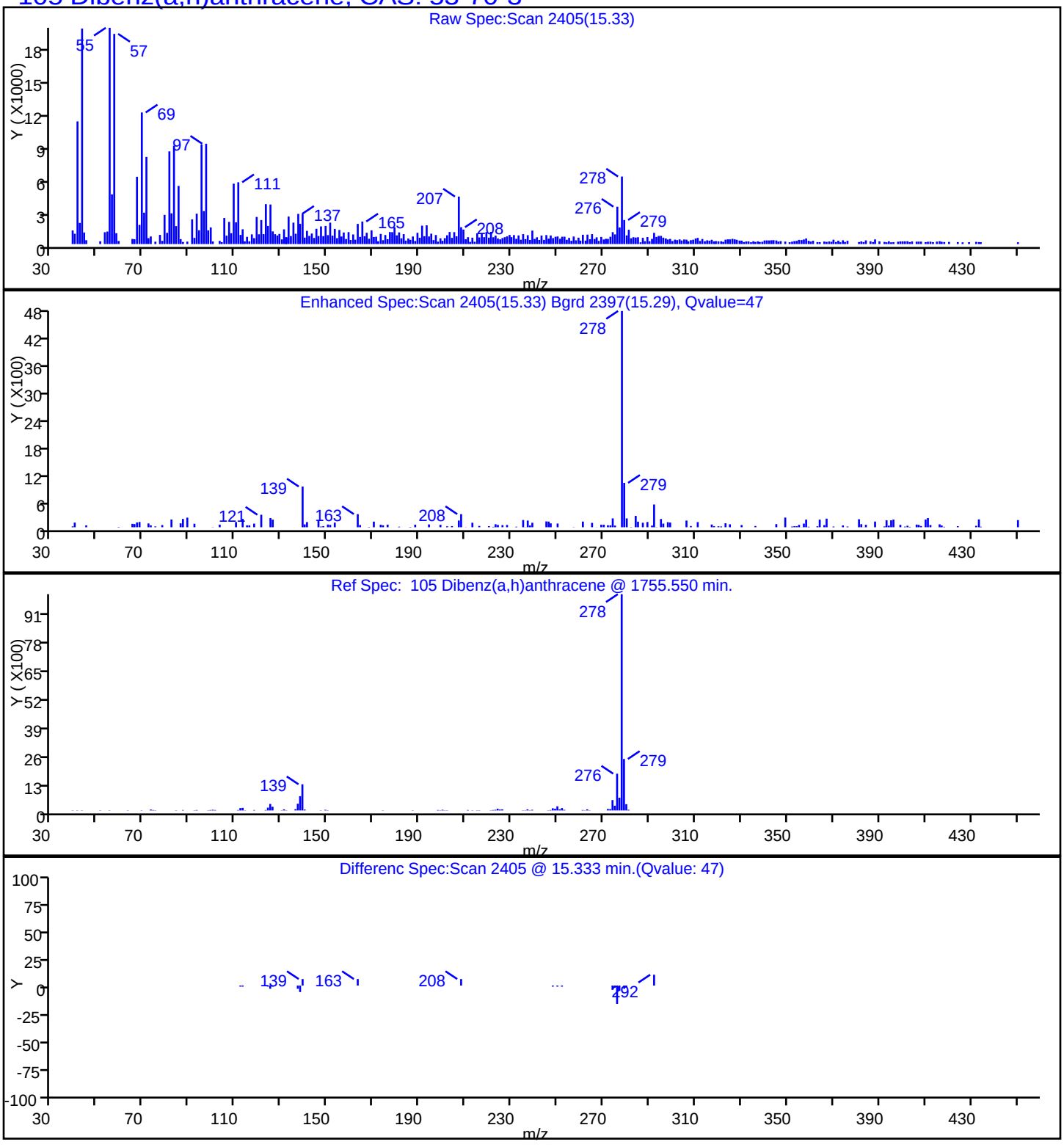


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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
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Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



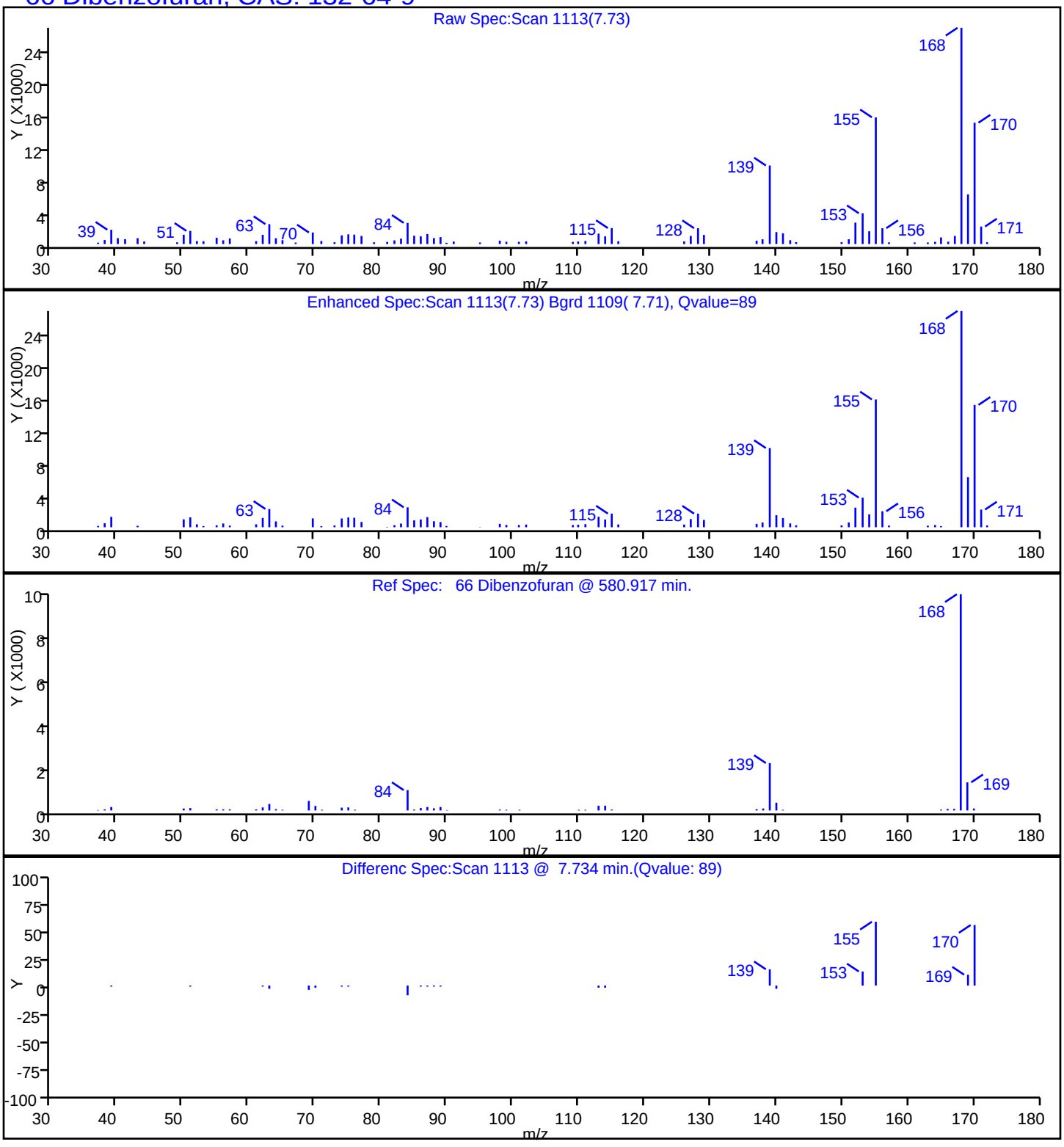
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



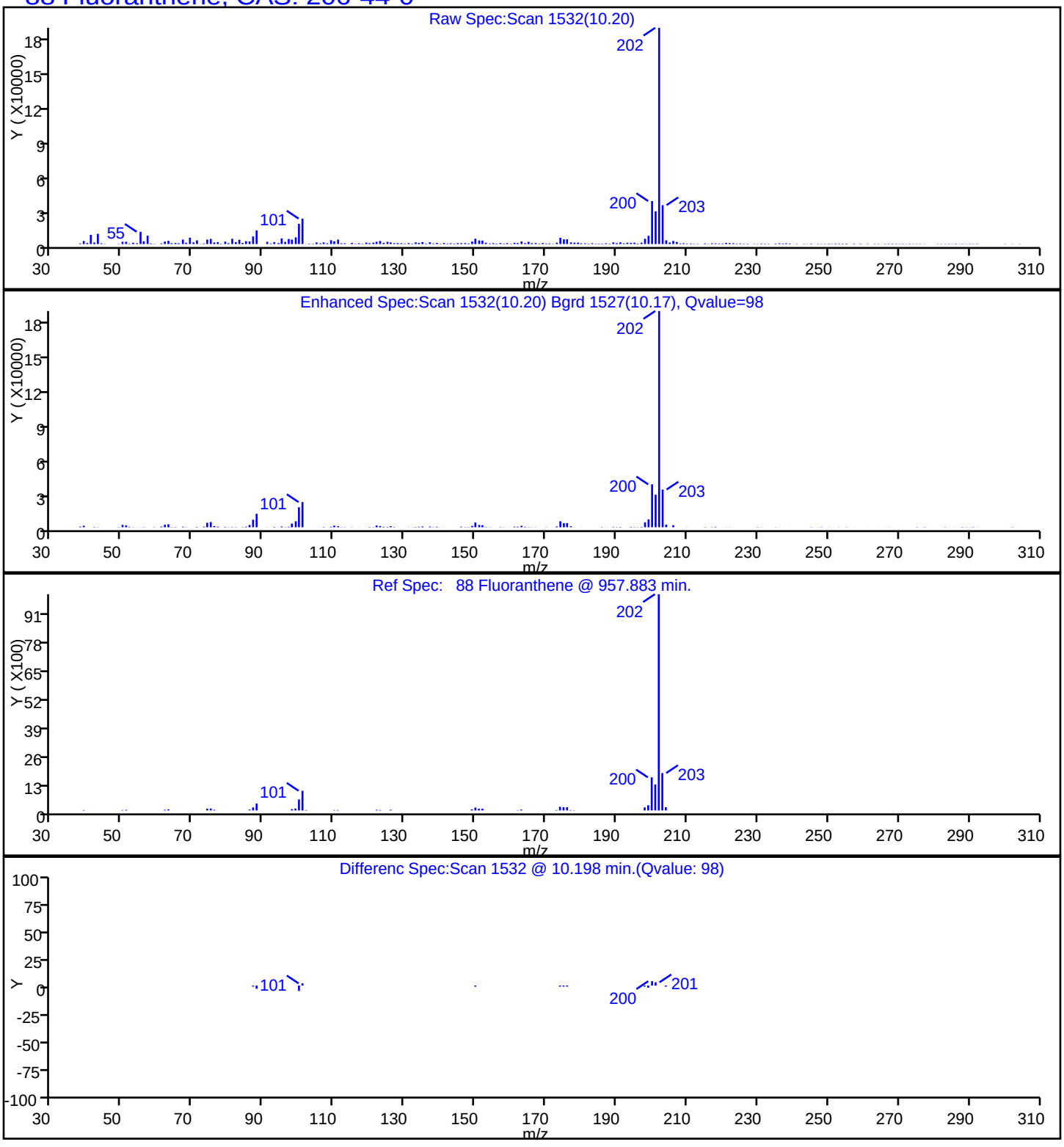
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



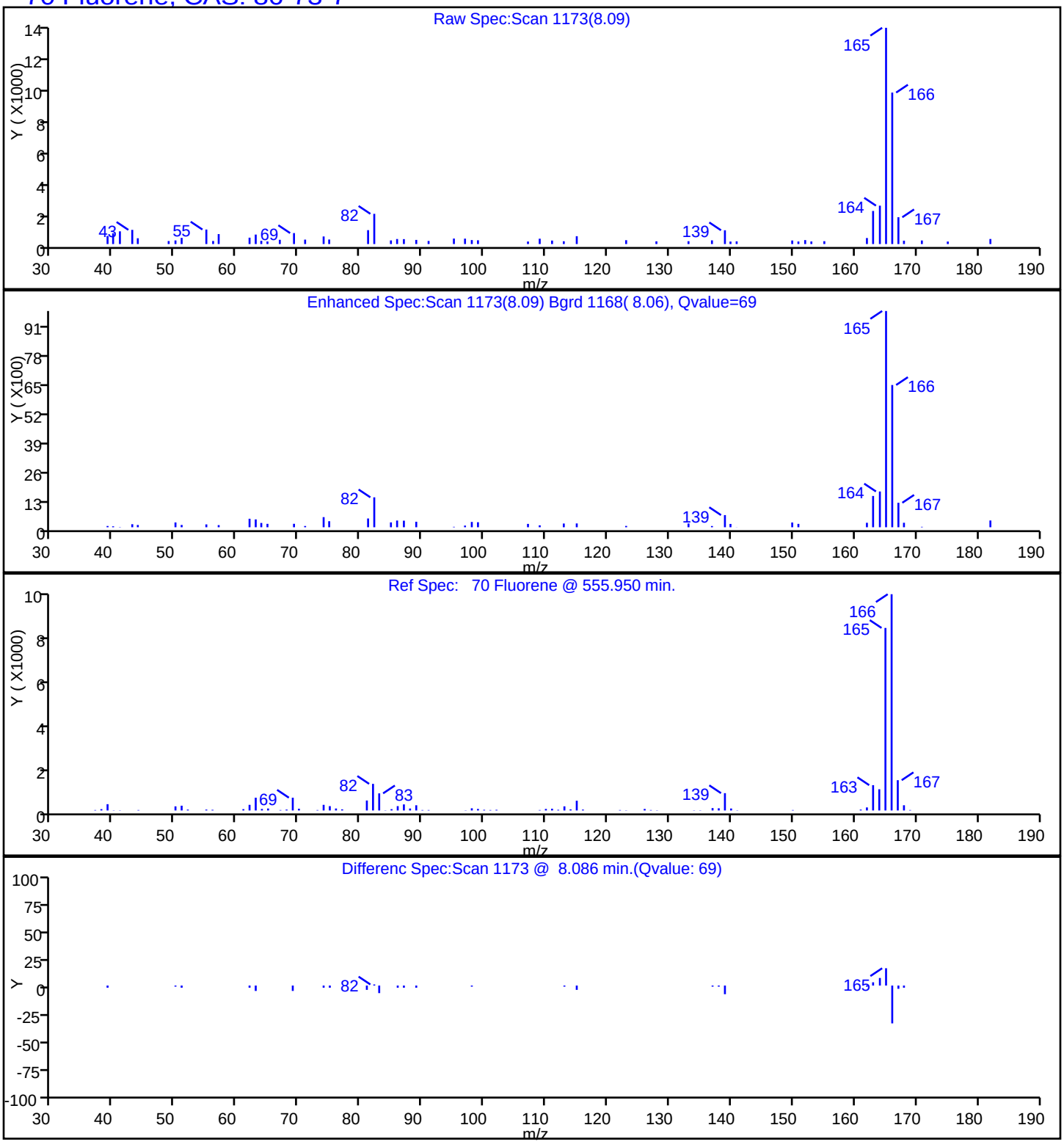
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TestAmerica Edison

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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
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Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



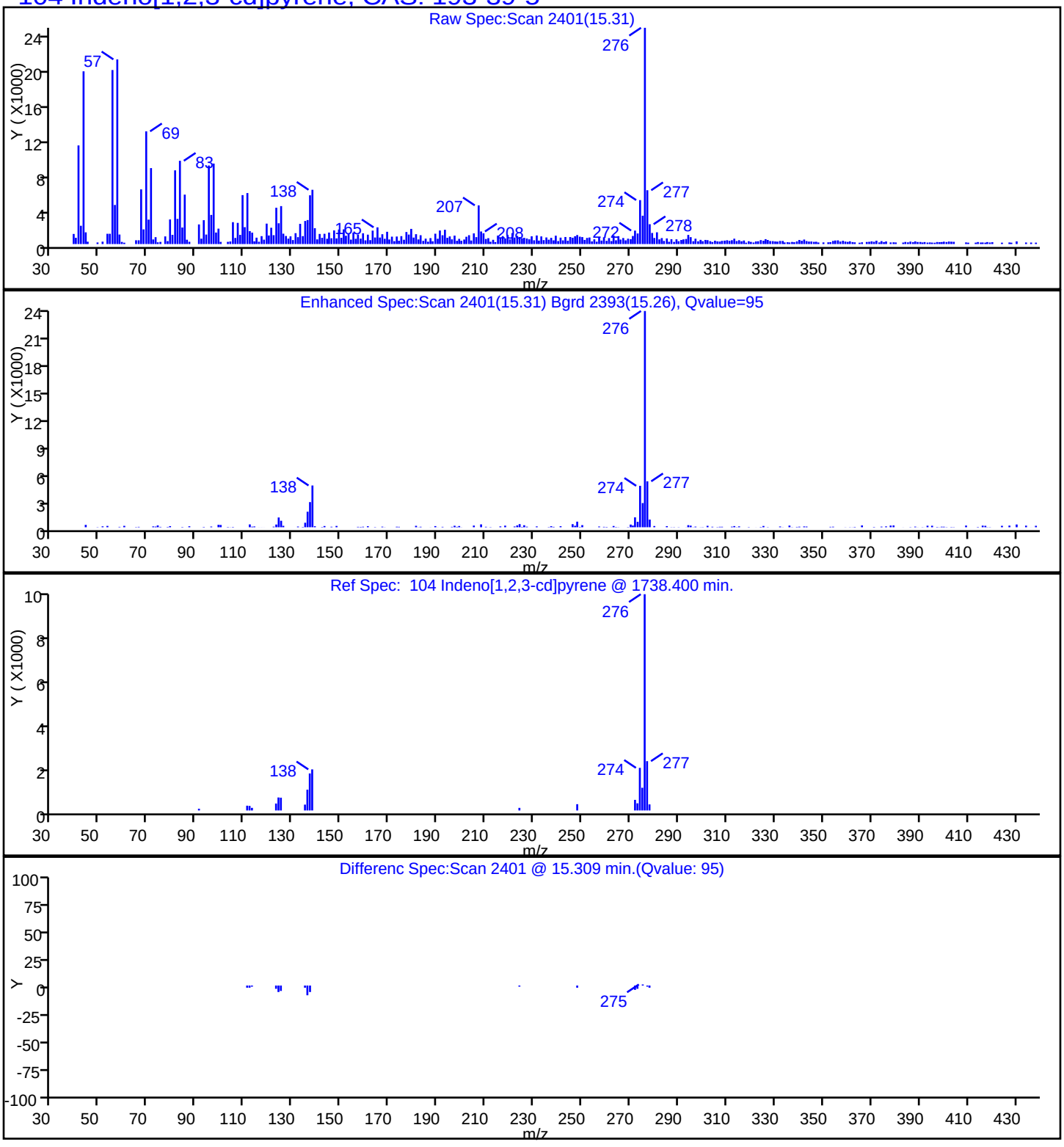
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
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Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



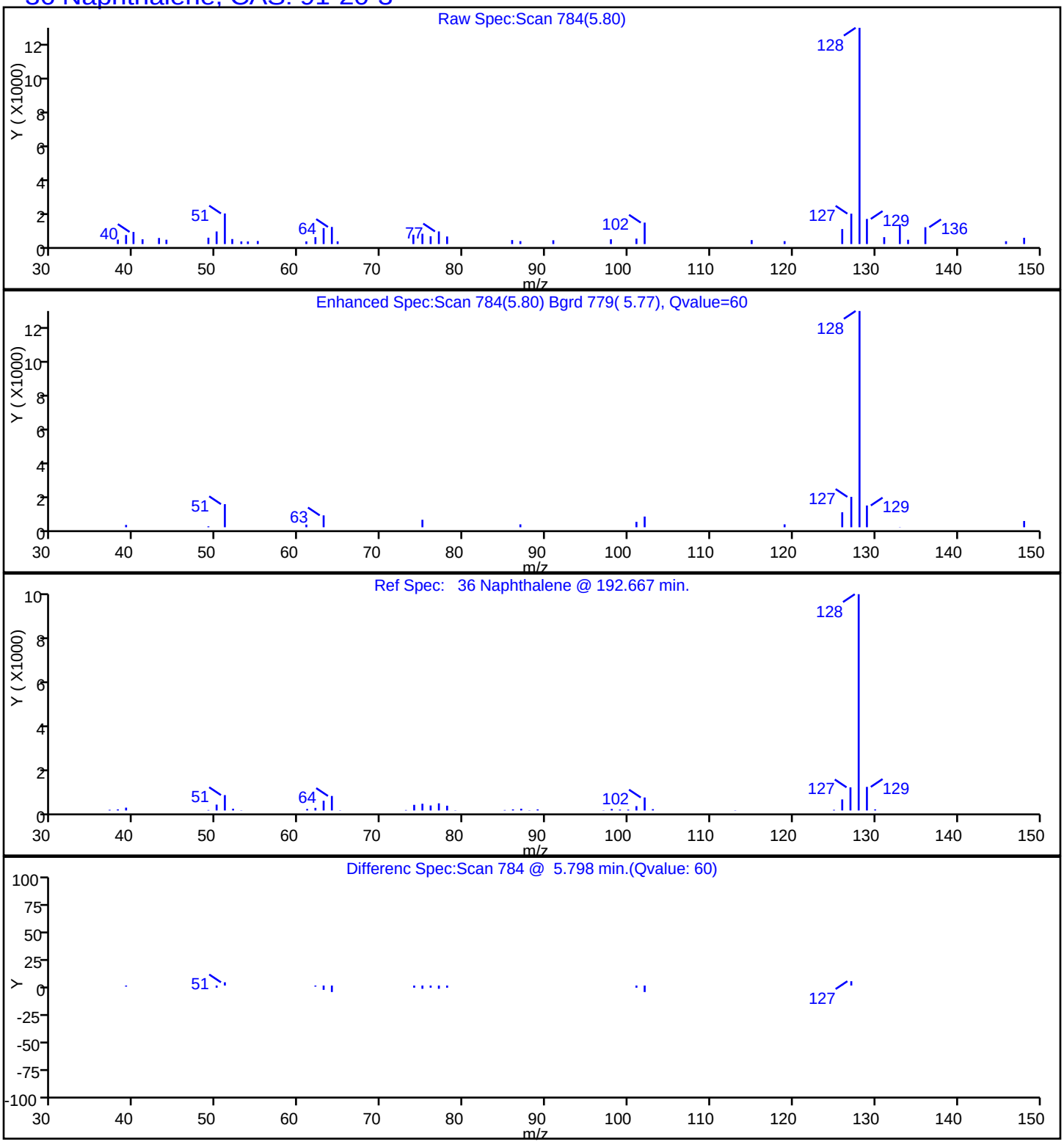
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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



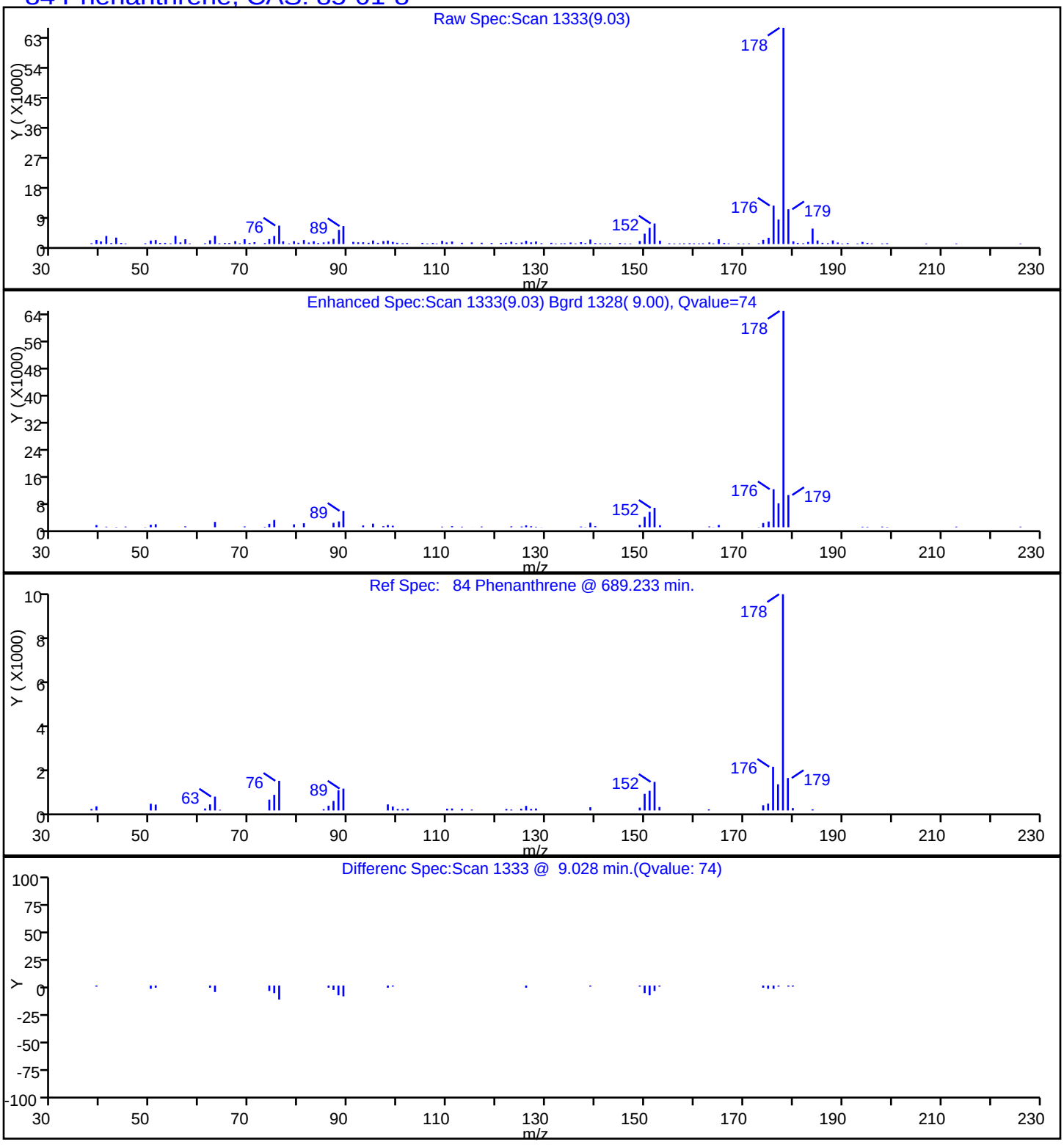
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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



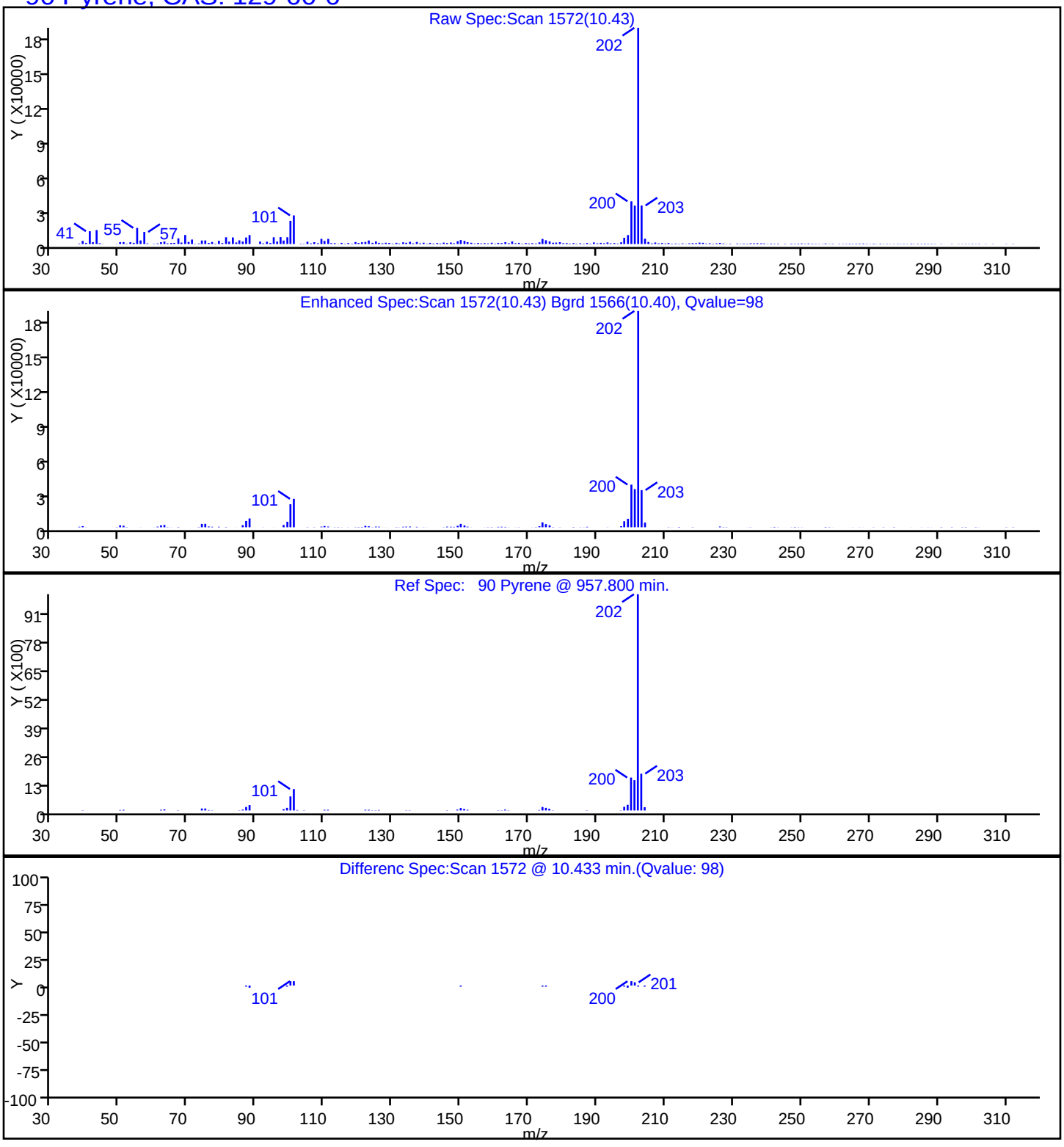
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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

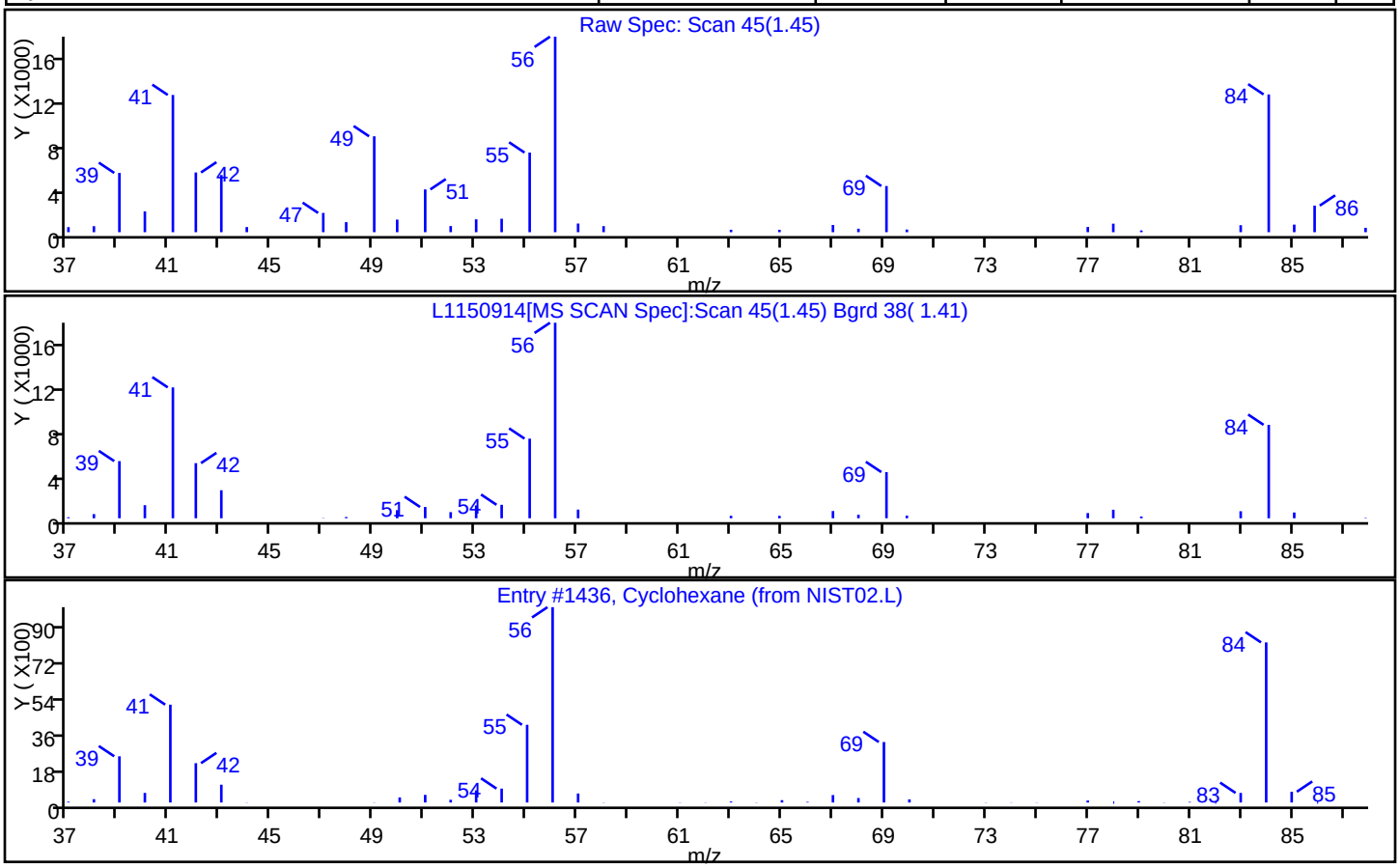
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane	110-82-7	NIST02	1436	C6H12	84	91



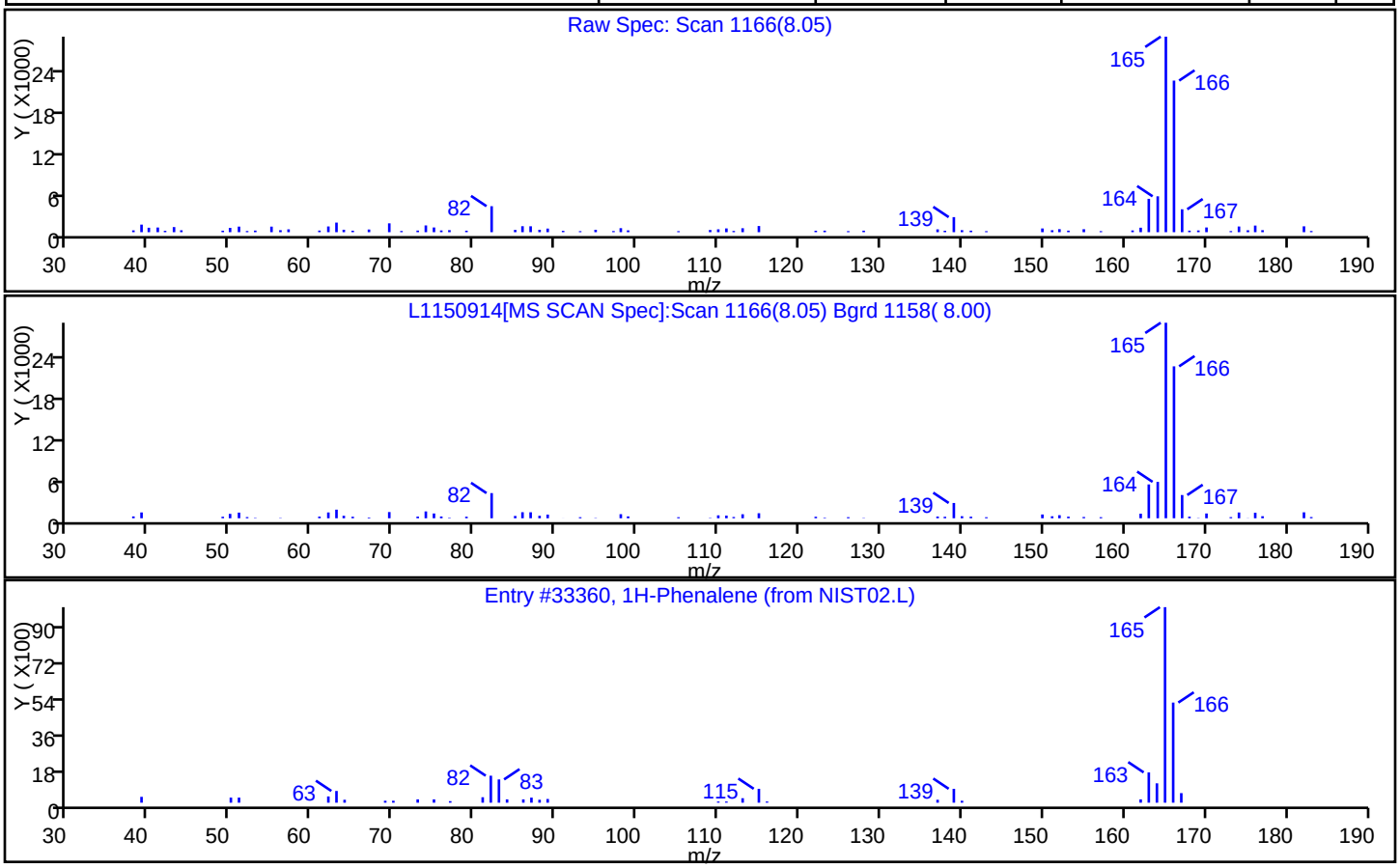
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Phenalene	203-80-5	NIST02	33360	C13H10	166	80



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

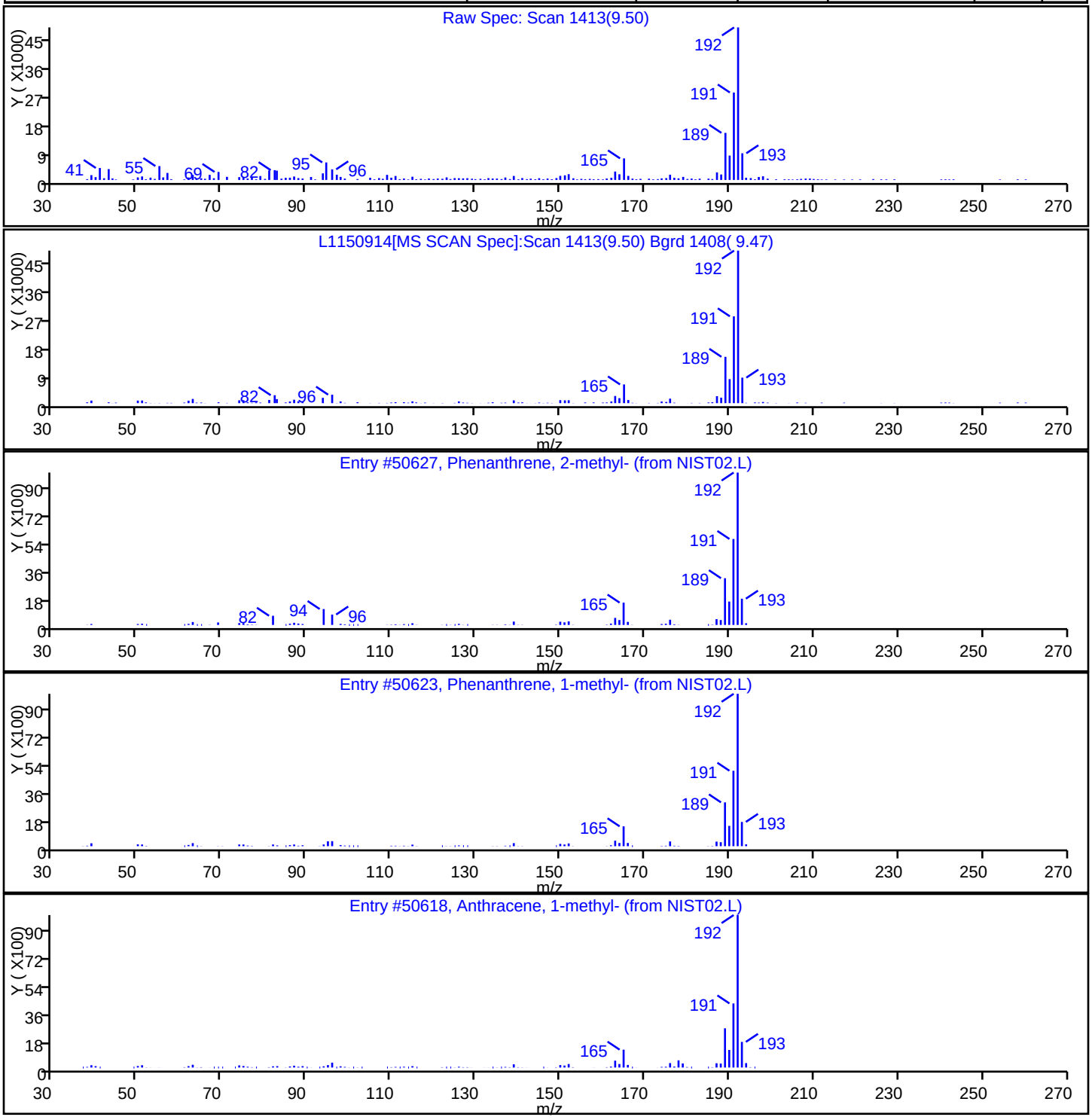
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	NIST02	50627	C15H12	192	93
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	93
Anthracene, 1-methyl-	610-48-0	NIST02.L	50618	C15H12	192	93



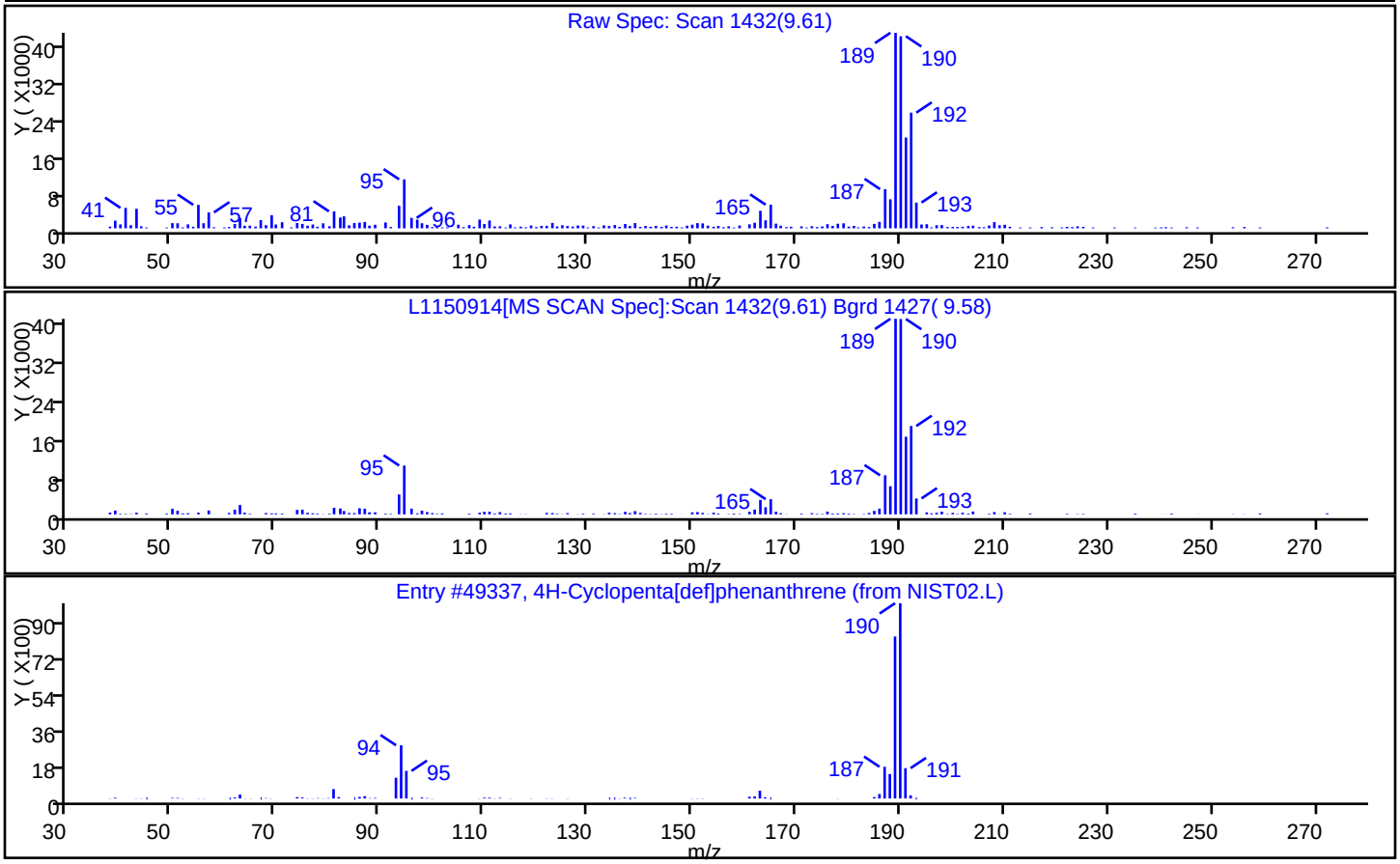
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TestAmerica Edison

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Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02	49337	C15H10	190	93



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

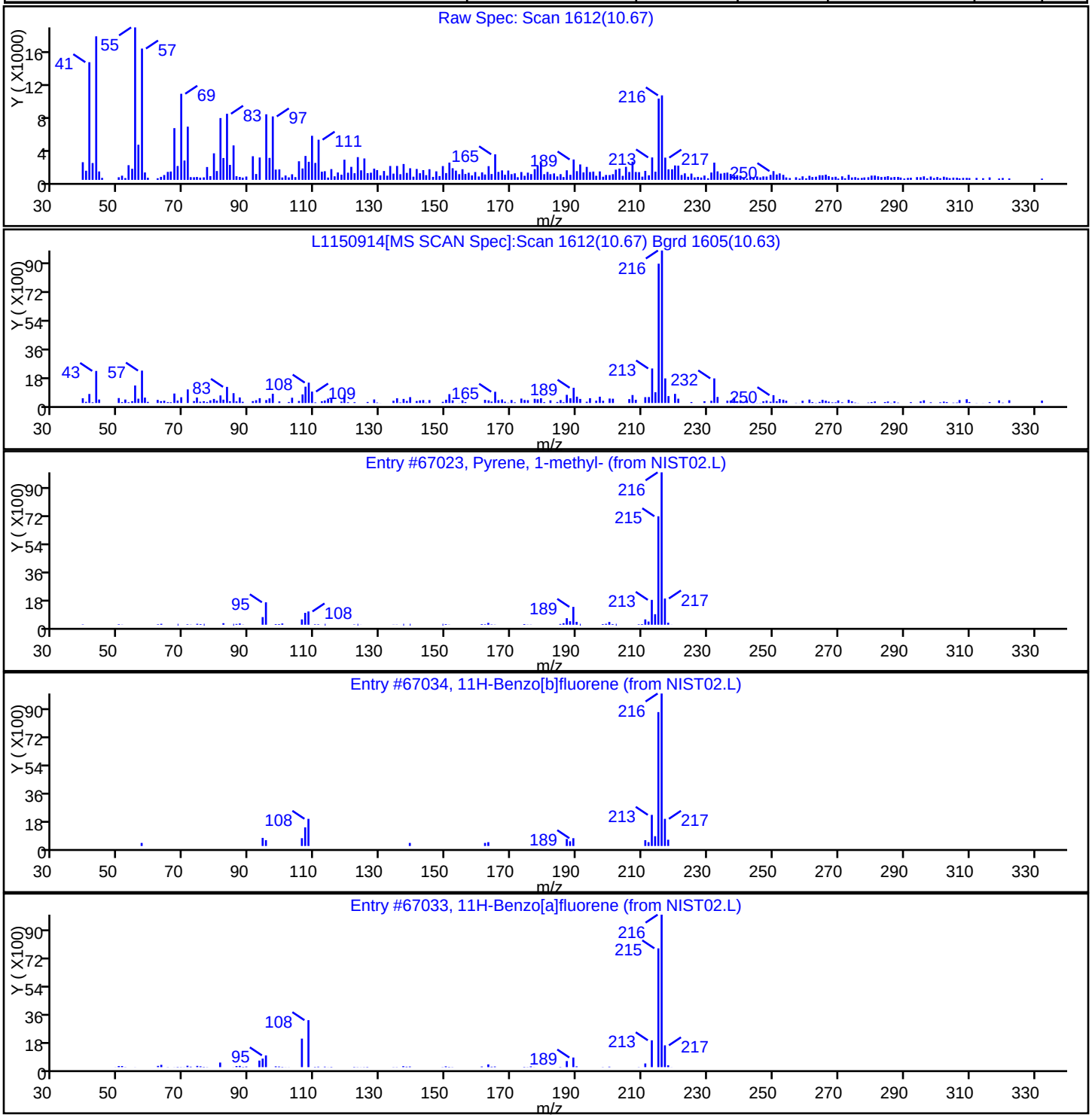
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pyrene, 1-methyl-	2381-21-7	NIST02	67023	C17H12	216	90
11H-Benzo[b]fluorene	243-17-4	NIST02.L	67034	C17H12	216	89
11H-Benzo[a]fluorene	238-84-6	NIST02.L	67033	C17H12	216	87



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

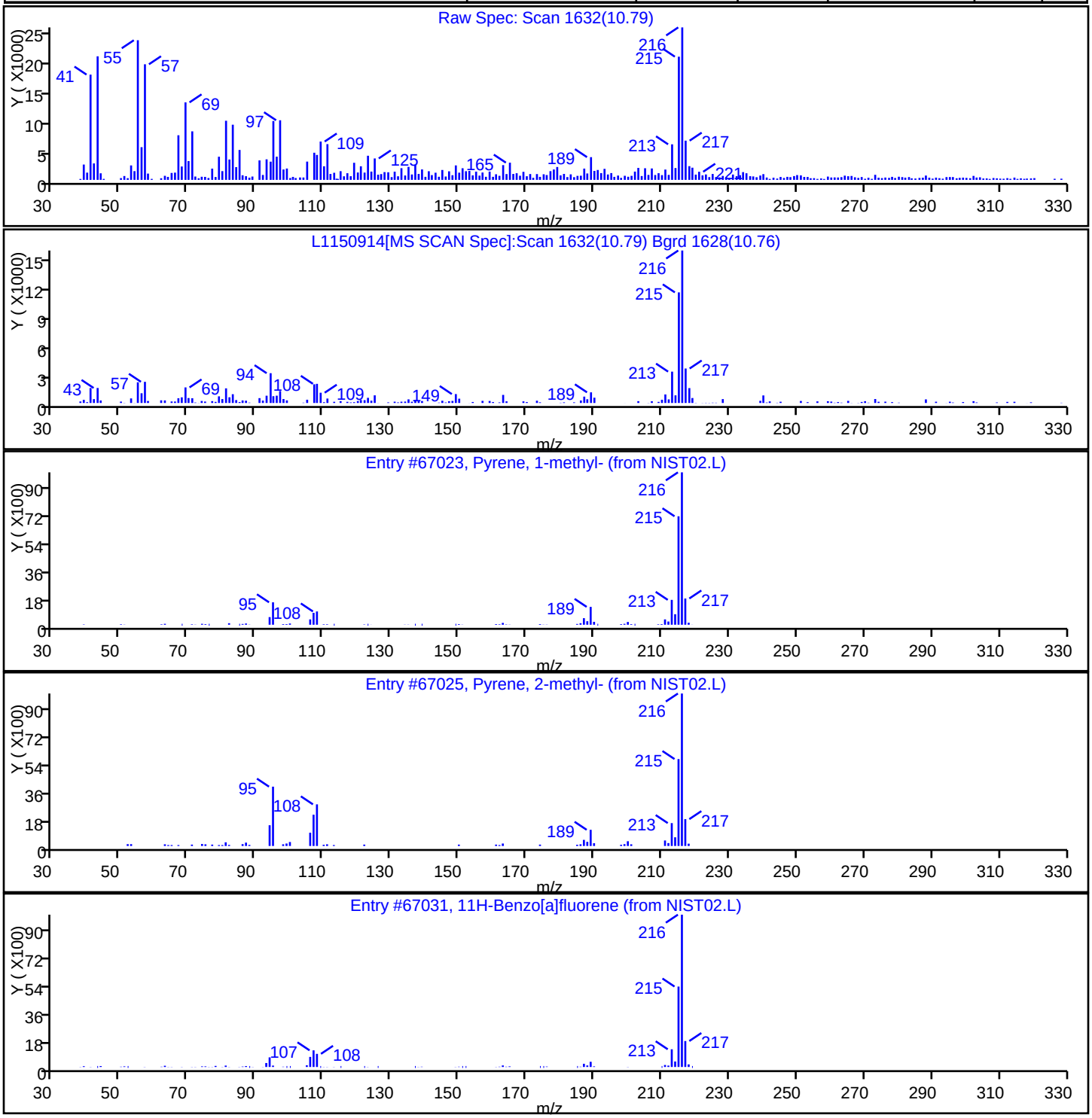
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pyrene, 1-methyl-	2381-21-7	NIST02	67023	C17H12	216	91
Pyrene, 2-methyl-	3442-78-2	NIST02.L	67025	C17H12	216	87
11H-Benzo[a]fluorene	238-84-6	NIST02.L	67031	C17H12	216	81



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

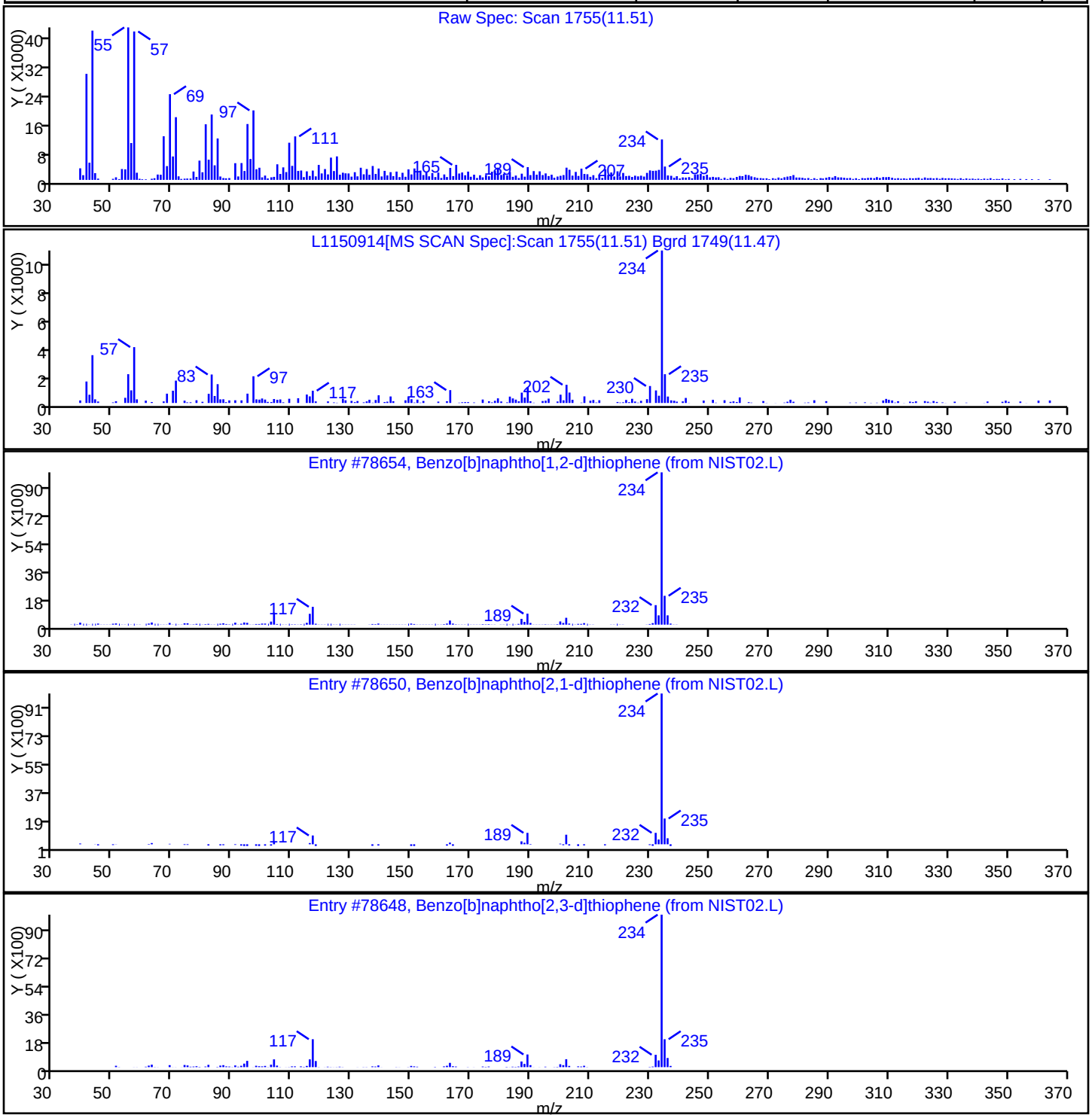
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[b]naphtho[1,2-d]thiophene	205-43-6	NIST02	78654	C16H10S	234	89
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST02.L	78650	C16H10S	234	87
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST02.L	78648	C16H10S	234	81



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

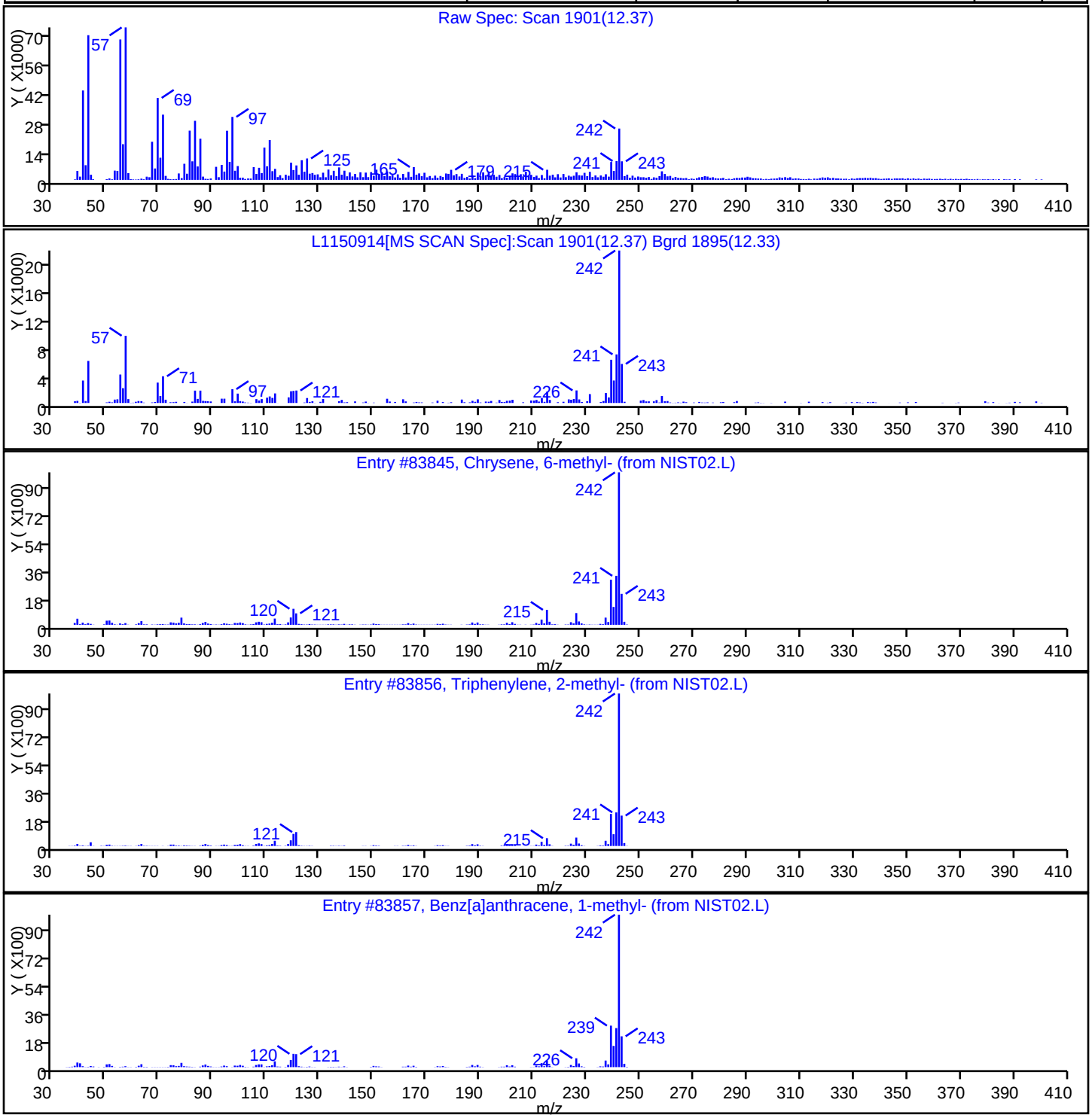
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Chrysene, 6-methyl-	3697-24-3	NIST02	83845	C19H14	242	94
Triphenylene, 2-methyl-	1705-84-6	NIST02.L	83856	C19H14	242	93
Benz[a]anthracene, 1-methyl-	2498-77-3	NIST02.L	83857	C19H14	242	93



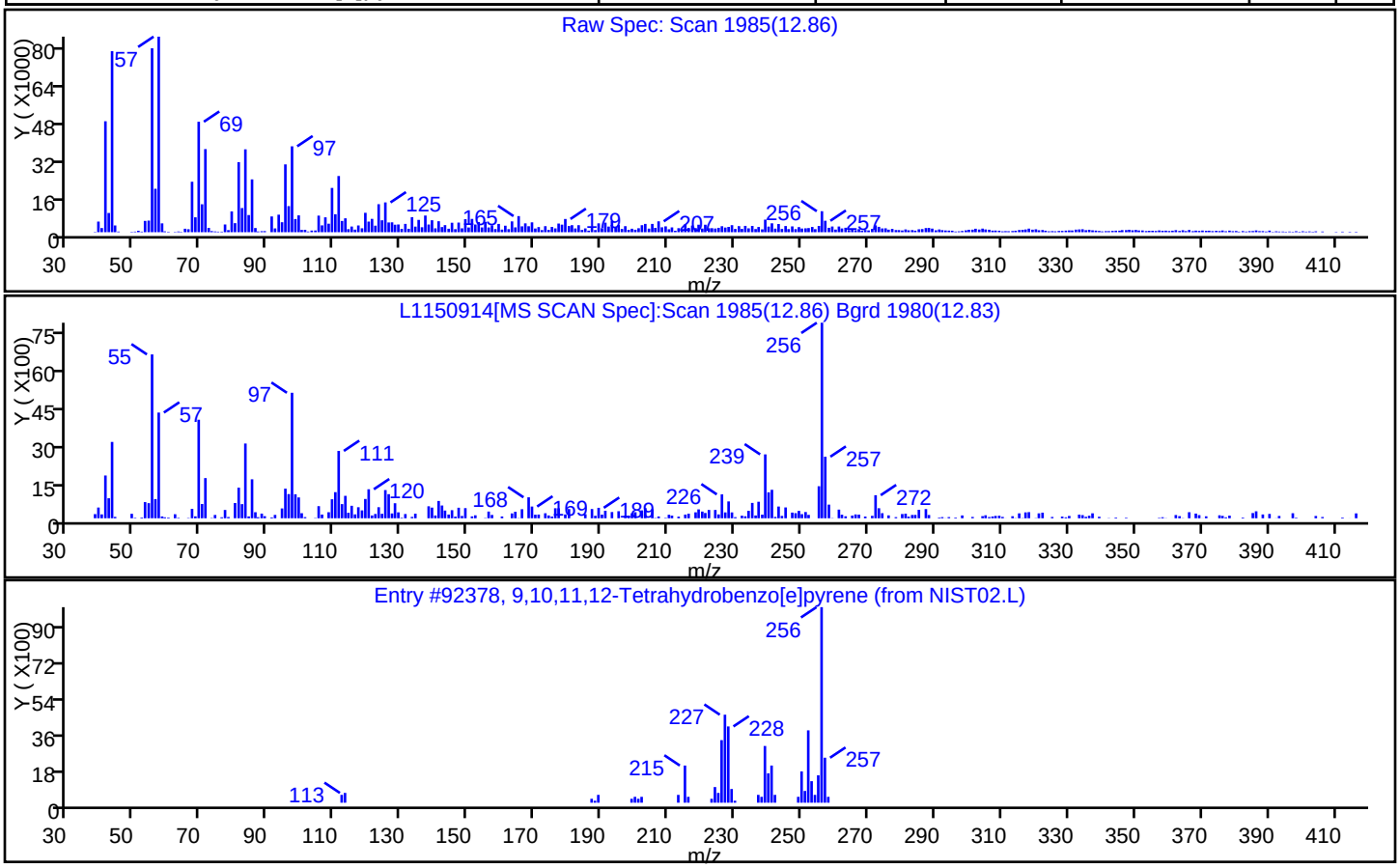
Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
9,10,11,12-Tetrahydrobenzo[e]pyrene	67099-81-4	NIST02	92378	C20H16	256	83



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

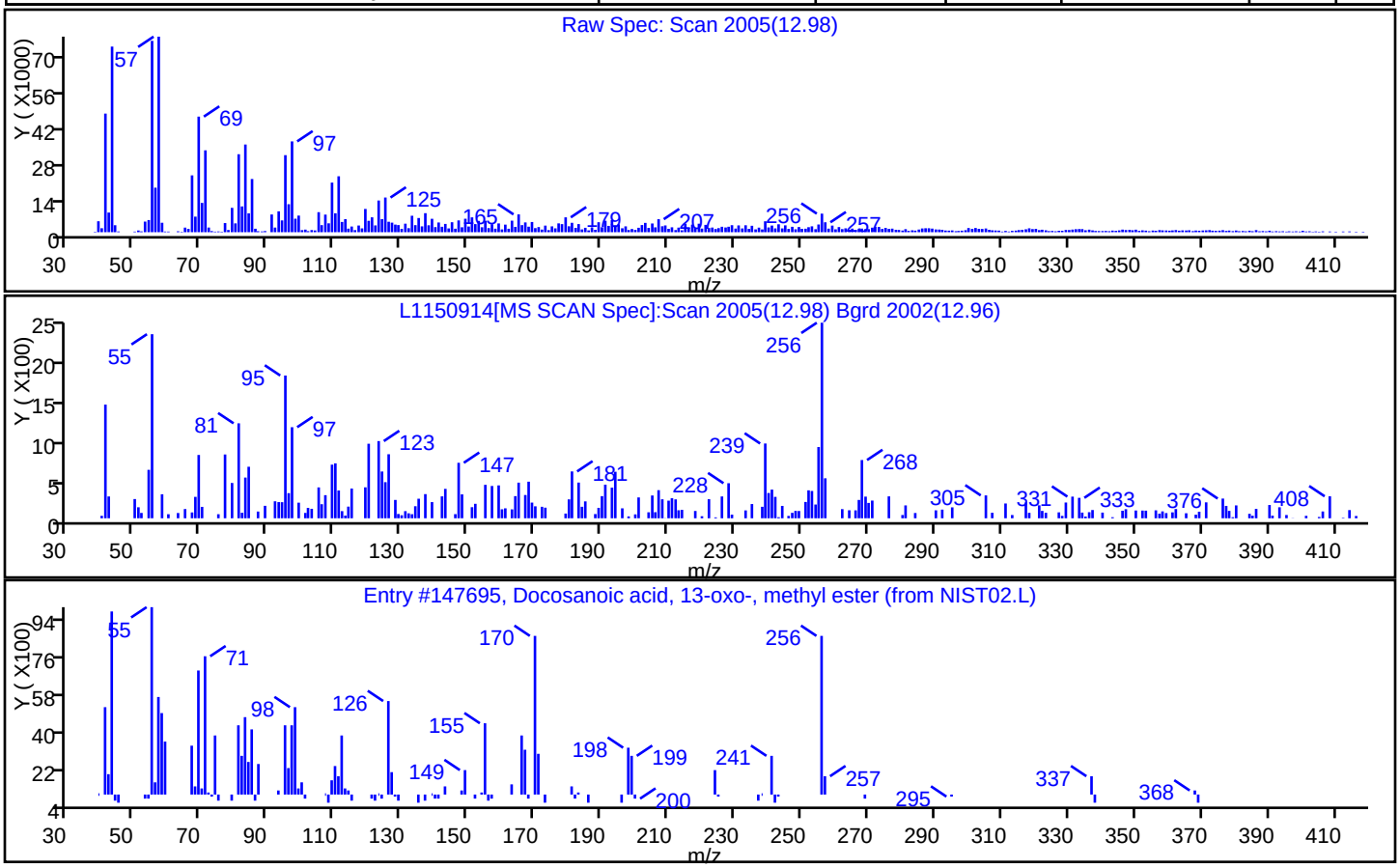
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Docosanoic acid, 13-oxo-, methyl ester	2388-99-0	NIST02	147695	C23H44O3	368	95



Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date: 25-Jun-2014 02:00:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-3-A Lab Sample ID: 460-78044-3

Client ID: S-3

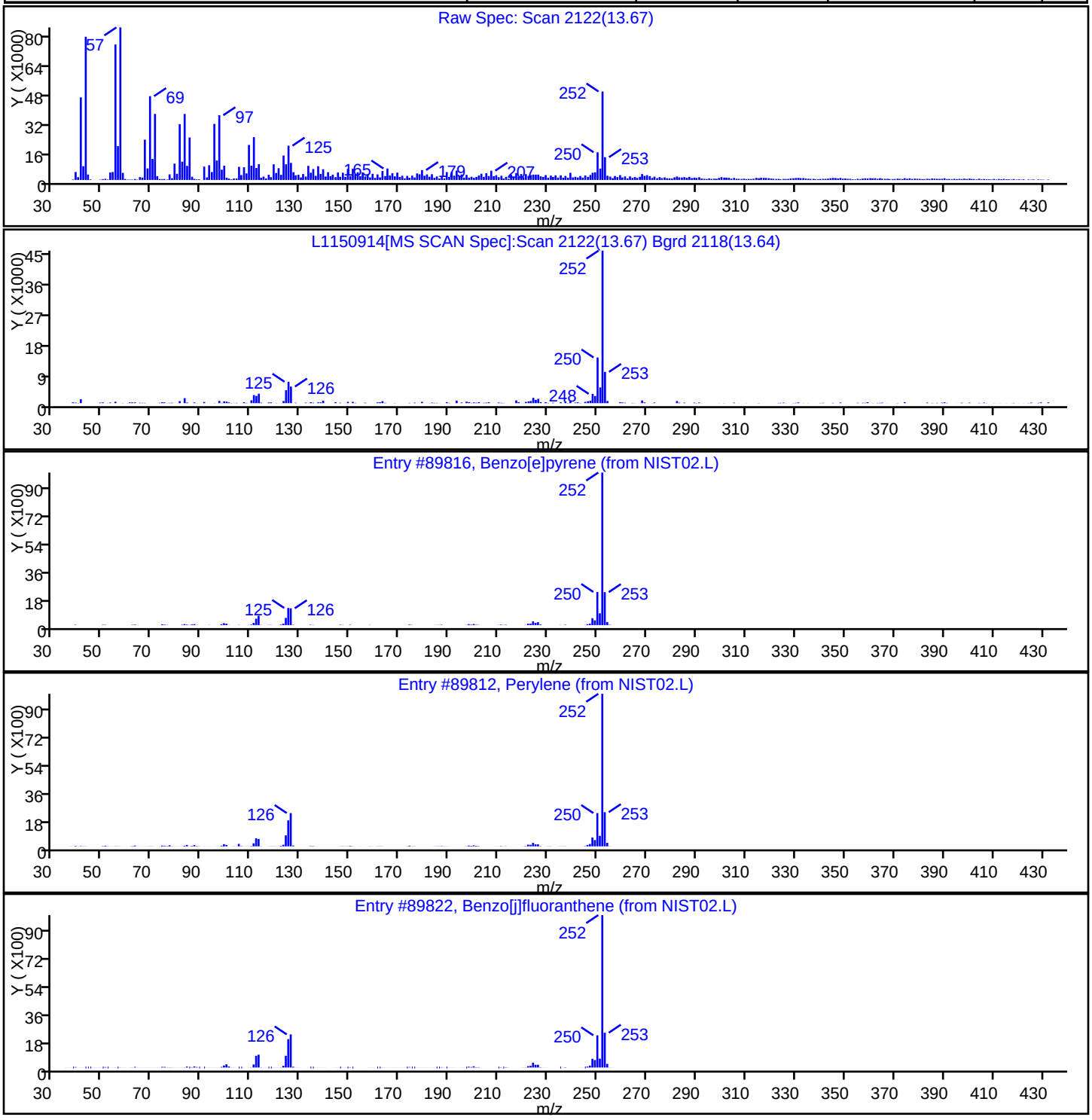
Operator ID: BNA 12 ALS Bottle#: 21 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	96
Perylene	198-55-0	NIST02.L	89812	C20H12	252	93
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	89



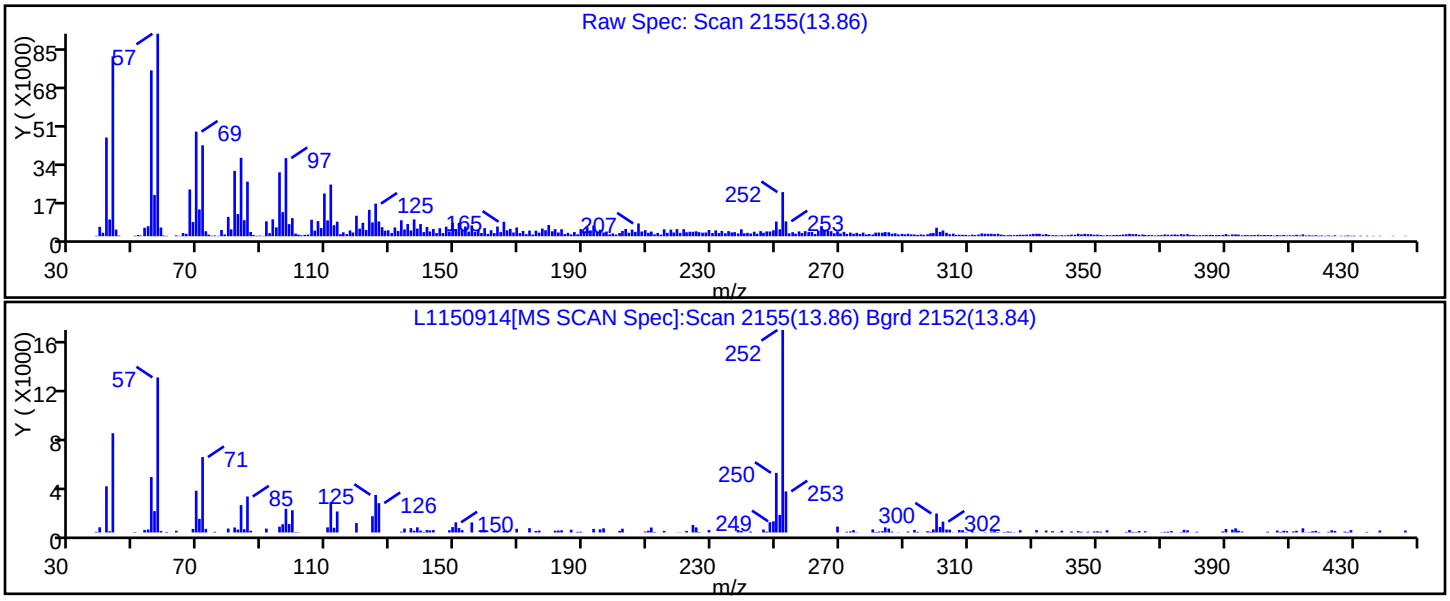
Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D

Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

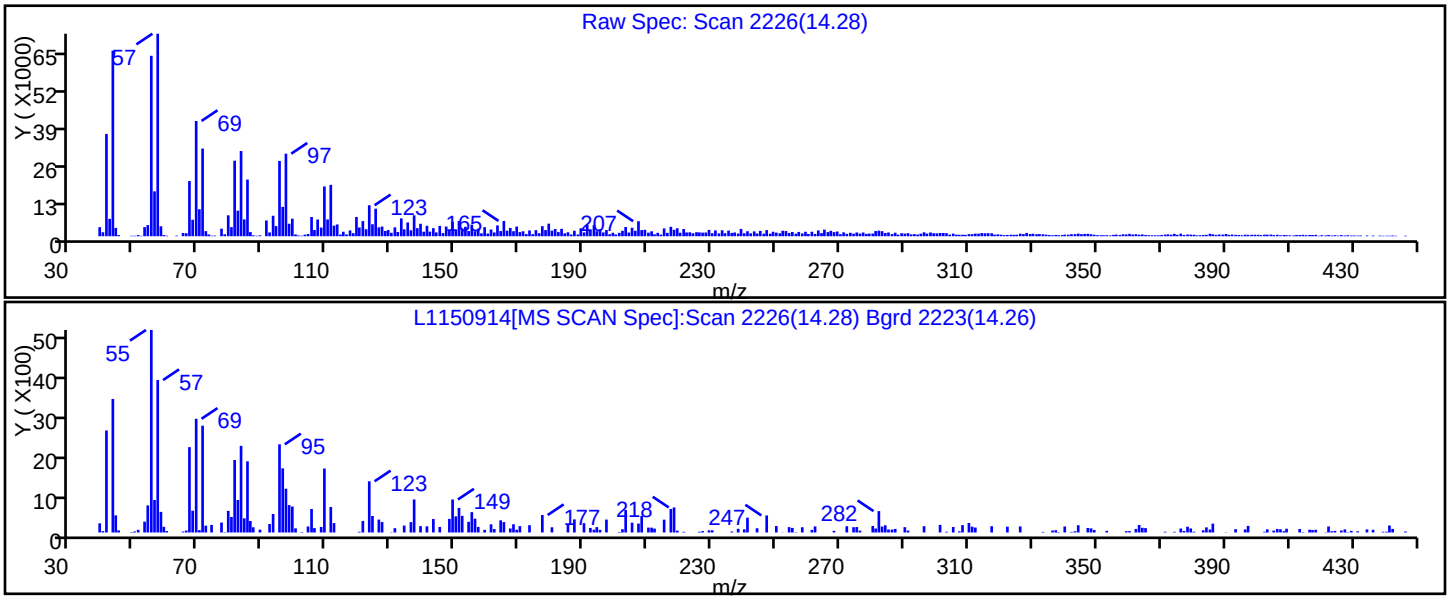


Report Date: 25-Jun-2014 11:59:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150914.D				
Injection Date:	25-Jun-2014 02:00:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-3-A	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	BNA 12	ALS Bottle#:	21	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 DL | Lab Sample ID: 460-78044-4 DL

Matrix: Solid | Lab File ID: L1150892.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2014 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2800	U	20000	2800
108-60-1	2,2'-oxybis[1-chloropropane]	2300	U	20000	2300
58-90-2	2,3,4,6-Tetrachlorophenol	2700	U	20000	2700
95-95-4	2,4,5-Trichlorophenol	2700	U	20000	2700
88-06-2	2,4,6-Trichlorophenol	2400	U	20000	2400
120-83-2	2,4-Dichlorophenol	3000	U	20000	3000
105-67-9	2,4-Dimethylphenol	5100	U	20000	5100
51-28-5	2,4-Dinitrophenol	12000	U	42000	12000
121-14-2	2,4-Dinitrotoluene	680	U	4200	680
606-20-2	2,6-Dinitrotoluene	620	U	4200	620
91-58-7	2-Chloronaphthalene	2300	U	20000	2300
95-57-8	2-Chlorophenol	2700	U	20000	2700
91-57-6	2-Methylnaphthalene	18000	J D	20000	2600
95-48-7	2-Methylphenol	3500	U	20000	3500
88-74-4	2-Nitroaniline	8600	U	20000	8600
88-75-5	2-Nitrophenol	2300	U	20000	2300
91-94-1	3,3'-Dichlorobenzidine	7200	U	20000	7200
99-09-2	3-Nitroaniline	7300	U	20000	7300
534-52-1	4,6-Dinitro-2-methylphenol	5600	U	42000	5600
101-55-3	4-Bromophenyl phenyl ether	2000	U	20000	2000
59-50-7	4-Chloro-3-methylphenol	3100	U	20000	3100
106-47-8	4-Chloroaniline	5400	U	20000	5400
7005-72-3	4-Chlorophenyl phenyl ether	2400	U	20000	2400
106-44-5	4-Methylphenol	4000	U	20000	4000
100-01-6	4-Nitroaniline	6400	U	42000	6400
100-02-7	4-Nitrophenol	13000	U	20000	13000
83-32-9	Acenaphthene	21000	D	20000	3000
208-96-8	Acenaphthylene	15000	J D	20000	2400
98-86-2	Acetophenone	3200	U	20000	3200
120-12-7	Anthracene	44000	D	20000	2500
1912-24-9	Atrazine	3200	U	20000	3200
100-52-7	Benzaldehyde	2400	U	20000	2400
56-55-3	Benzo[a]anthracene	73000	D	2000	140
50-32-8	Benzo[a]pyrene	67000	D	2000	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 DL | Lab Sample ID: 460-78044-4 DL

Matrix: Solid | Lab File ID: L1150892.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2014 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	95000	D	2000	130
191-24-2	Benzo[g,h,i]perylene	15000	J D *	20000	1500
207-08-9	Benzo[k]fluoranthene	42000	D	2000	160
111-91-1	Bis(2-chloroethoxy)methane	2700	U	20000	2700
111-44-4	Bis(2-chloroethyl)ether	280	U	2000	280
117-81-7	Bis(2-ethylhexyl) phthalate	6800	U	20000	6800
85-68-7	Butyl benzyl phthalate	1900	U	20000	1900
105-60-2	Caprolactam	4700	U	20000	4700
86-74-8	Carbazole	31000	D	20000	2400
218-01-9	Chrysene	83000	D	20000	2400
53-70-3	Dibenz(a,h)anthracene	5500	D	2000	260
132-64-9	Dibenzofuran	36000	D	20000	2400
84-66-2	Diethyl phthalate	2400	U	20000	2400
131-11-3	Dimethyl phthalate	2400	U	20000	2400
84-74-2	Di-n-butyl phthalate	2500	U	20000	2500
117-84-0	Di-n-octyl phthalate	1300	U	20000	1300
92-52-4	Diphenyl	6200	J D	20000	2800
206-44-0	Fluoranthene	290000	D	20000	2700
86-73-7	Fluorene	47000	D	20000	2600
118-74-1	Hexachlorobenzene	280	U	2000	280
87-68-3	Hexachlorobutadiene	500	U	4200	500
77-47-4	Hexachlorocyclopentadiene	2400	U	20000	2400
67-72-1	Hexachloroethane	230	U	2000	230
193-39-5	Indeno[1,2,3-cd]pyrene	19000	D	2000	380
78-59-1	Isophorone	2500	U	20000	2500
91-20-3	Naphthalene	37000	D	20000	2400
98-95-3	Nitrobenzene	290	U *	2000	290
621-64-7	N-Nitrosodi-n-propylamine	340	U	2000	340
86-30-6	N-Nitrosodiphenylamine	2000	U	20000	2000
87-86-5	Pentachlorophenol	6100	U	42000	6100
85-01-8	Phenanthrene	270000	D	20000	2600
108-95-2	Phenol	2800	U	20000	2800
129-00-0	Pyrene	120000	D	20000	1700

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 DL | Lab Sample ID: 460-78044-4 DL

Matrix: Solid | Lab File ID: L1150892.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2014 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	0	D	19-114
321-60-8	2-Fluorobiphenyl	0	D	49-112
367-12-4	2-Fluorophenol	0	D	39-103
4165-60-0	Nitrobenzene-d5	0	D	40-106
4165-62-2	Phenol-d5	0	D	44-104
1718-51-0	Terphenyl-d14	0	D	41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 DL | Lab Sample ID: 460-78044-4 DL

Matrix: Solid | Lab File ID: L1150892.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2014 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 115000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2531-84-2	Phenanthrene, 2-methyl-	9.55	44000	D J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.63	53000	D J N
243-17-4	11H-Benzo[b]fluorene	10.81	18000	D J N

Report Date: 24-Jun-2014 16:43:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D
Lims ID: 460-78044-F-4-A Lab Sample ID: 460-78044-4
Client ID: S-4
Sample Type: Client
Inject. Date: 24-Jun-2014 14:54:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0014942-030
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:43:01 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:38:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
7 Phenol	94	4.134	4.134	0.000	32	969	0.3974	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	60841	40.0	
21 4-Methylphenol	108	4.904	4.904	0.000	42	1178	0.6266	
30 2,4-Dimethylphenol	122	5.445	5.445	0.000	6	484	0.3090	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	218091	40.0	
36 Naphthalene	128	5.816	5.816	0.000	87	49127	9.04	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	81	15777	4.38	
49 1,1'-Biphenyl	154	6.975	6.981	-0.005	83	6576	1.50	
59 Acenaphthylene	152	7.410	7.416	-0.006	95	17652	3.60	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	120385	40.0	
62 Acenaphthene	154	7.580	7.586	-0.006	86	15664	4.96	
66 Dibenzofuran	168	7.751	7.757	-0.006	91	39722	8.61	
70 Fluorene	166	8.092	8.098	-0.006	84	41815	11.4	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	219687	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	97	380344	65.2	
85 Anthracene	178	9.092	9.098	-0.006	97	63634	10.7	
86 Carbazole	167	9.251	9.257	-0.006	82	37774	7.47	
88 Fluoranthene	202	10.221	10.221	0.000	98	400844	68.9	
90 Pyrene	202	10.457	10.457	0.000	98	353517	29.0	
95 Benzo[a]anthracene	228	11.845	11.845	0.000	98	184076	17.6	
* 96 Chrysene-d12	240	11.857	11.857	0.000	99	395546	40.0	
97 Chrysene	228	11.892	11.898	-0.006	94	191189	20.1	
100 Benzo[b]fluoranthene	252	13.304	13.304	0.000	98	132263	23.0	
101 Benzo[k]fluoranthene	252	13.333	13.345	-0.012	1	62058	10.2	
102 Benzo[a]pyrene	252	13.757	13.762	-0.005	96	89035	16.1	
* 103 Perylene-d12	264	13.839	13.839	0.000	98	229616	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.321	15.321	0.000	97	27847	4.67	
105 Dibenz(a,h)anthracene	278	15.351	15.356	-0.005	38	7152	1.33	
106 Benzo[g,h,i]perylene	276	15.698	15.703	-0.005	89	22567	3.60	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D
Lims ID: 460-78044-F-4-A Lab Sample ID: 460-78044-4
Client ID: S-4
Sample Type: Client
Inject. Date: 24-Jun-2014 14:54:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0014942-030
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:43:01 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:38:35

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2531-84-2	Phenanthrene, 2-methyl-						
9.545	157469	10.7	83	98	50627	C15H12	192	
	203-64-5	4H-Cyclopenta[def]phenanthrene						
9.627	187235	12.7	83	90	49337	C15H10	190	
	243-17-4	11H-Benzo[b]fluorene						
10.810	183025	4.40	96	95	67030	C17H12	216	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	9.022	589583	40.0
* 96 Chrysene-d12	11.857	1665272	40.0

QC Flag Legend

Processing Flags

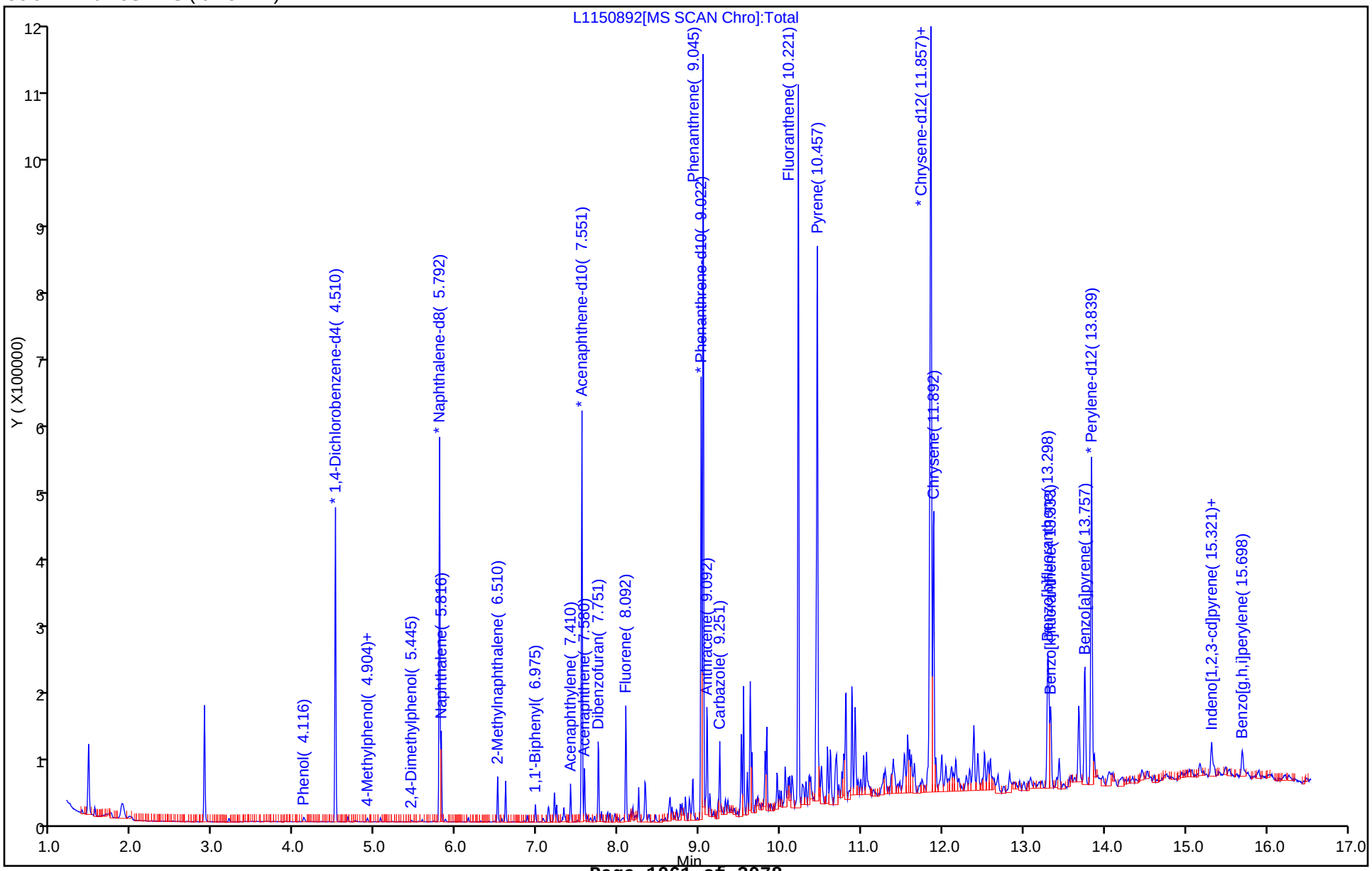
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D

Injection Date:	24-Jun-2014 14:54:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-4-A	Lab Sample ID:	460-78044-4	Worklist Smp#:	30
Client ID:	S-4				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	30
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



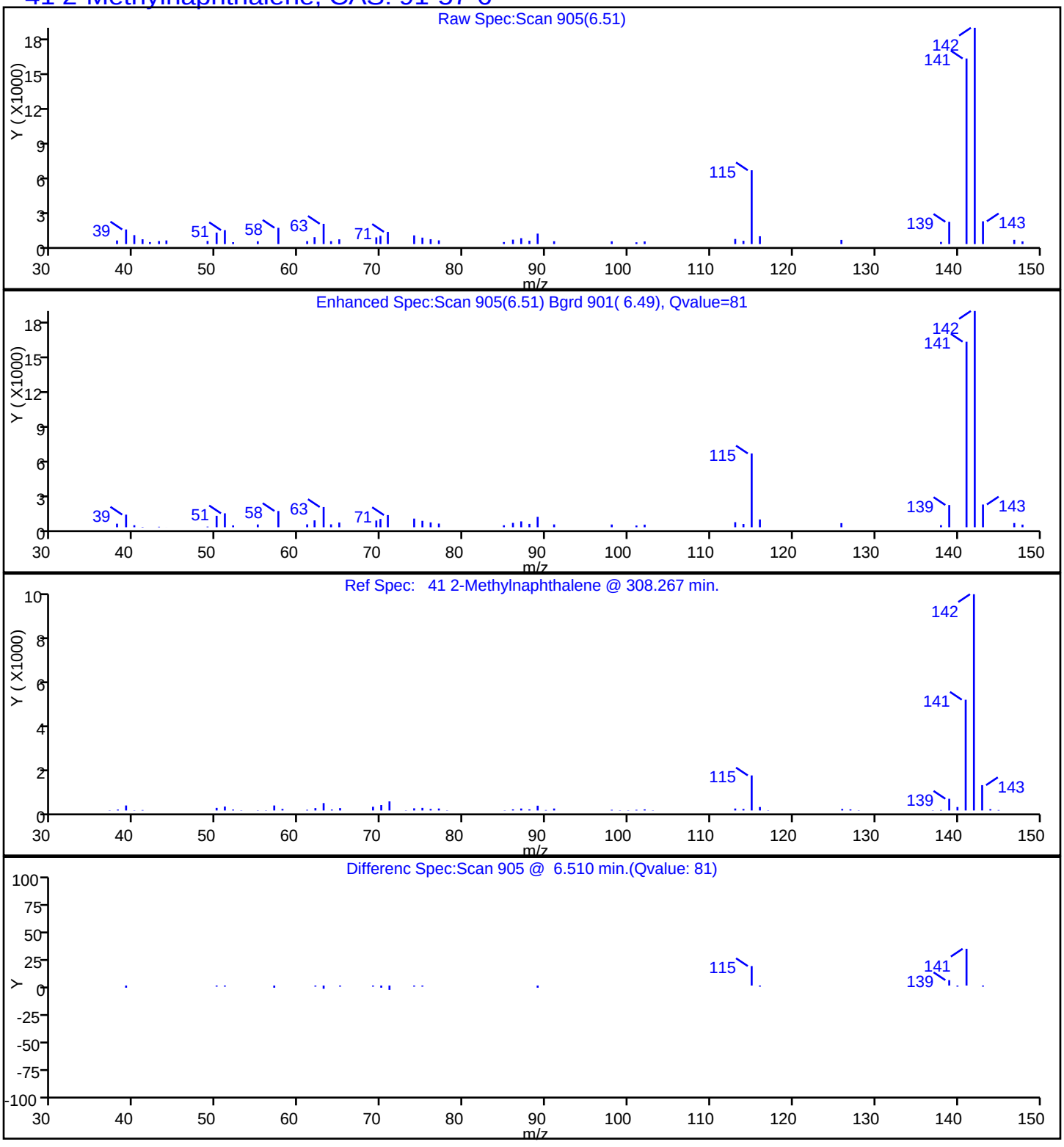
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Lims ID:	460-78044-F-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:	BNA 12	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



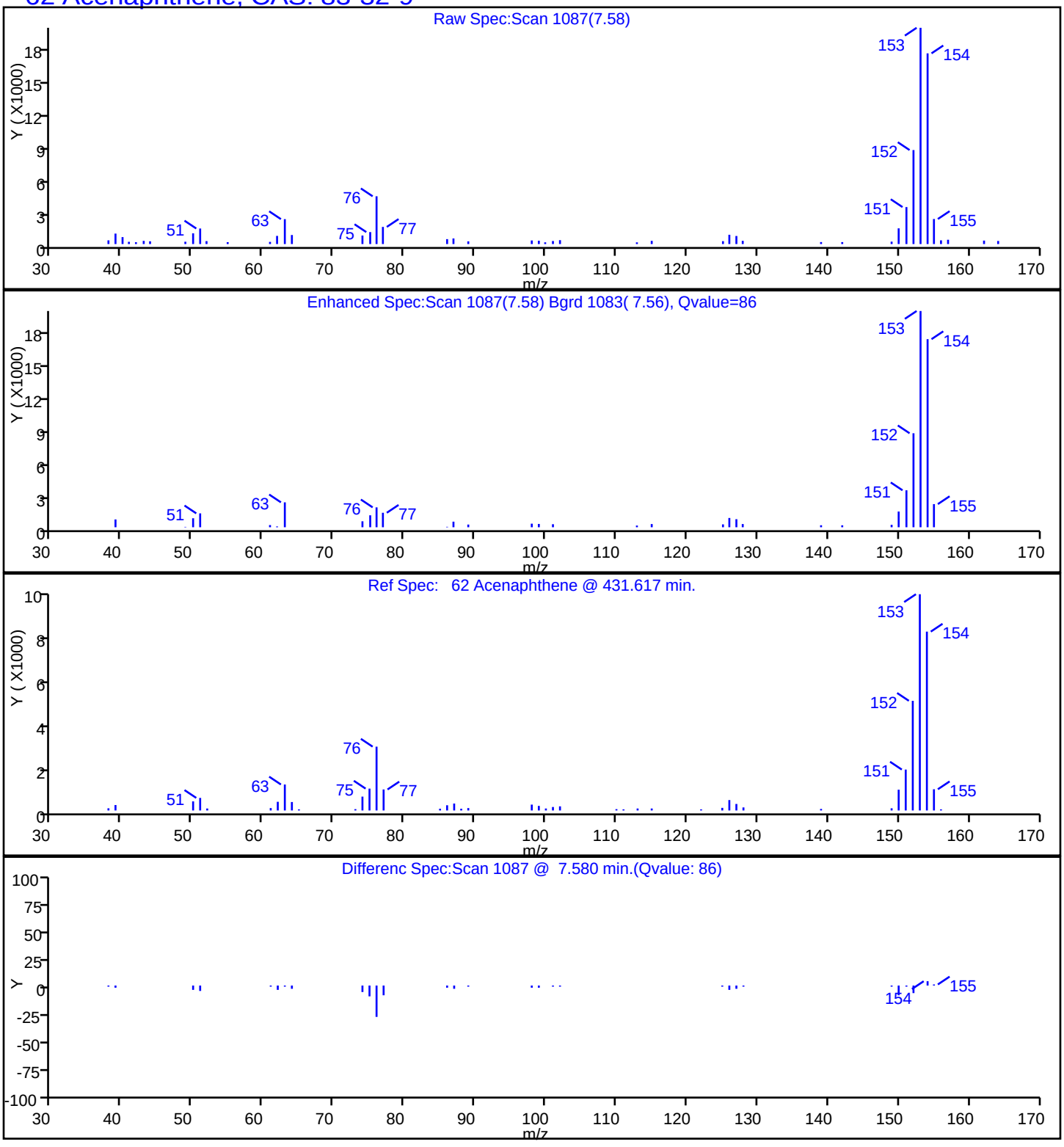
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Client ID:	S-4				
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Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



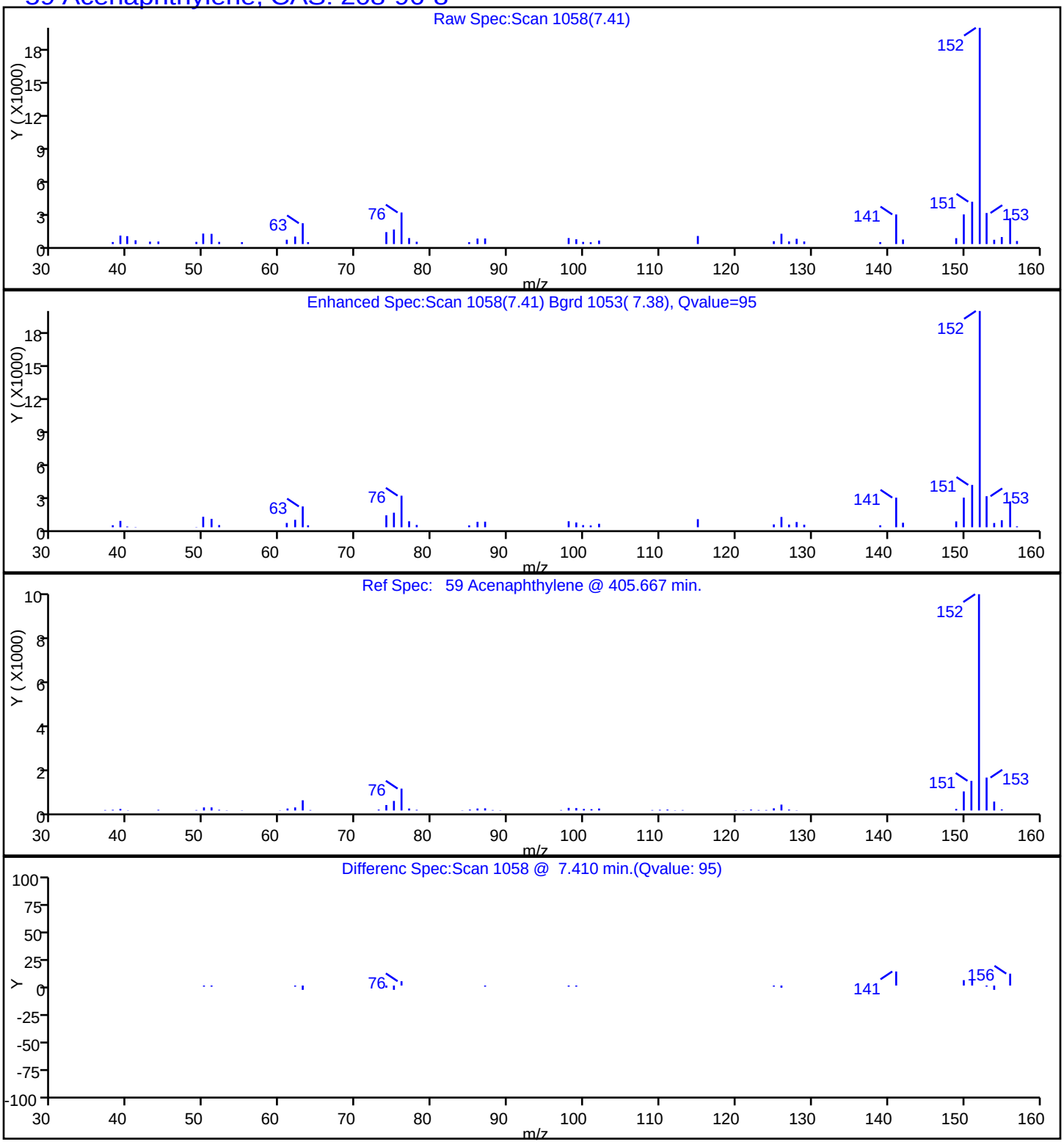
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Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8

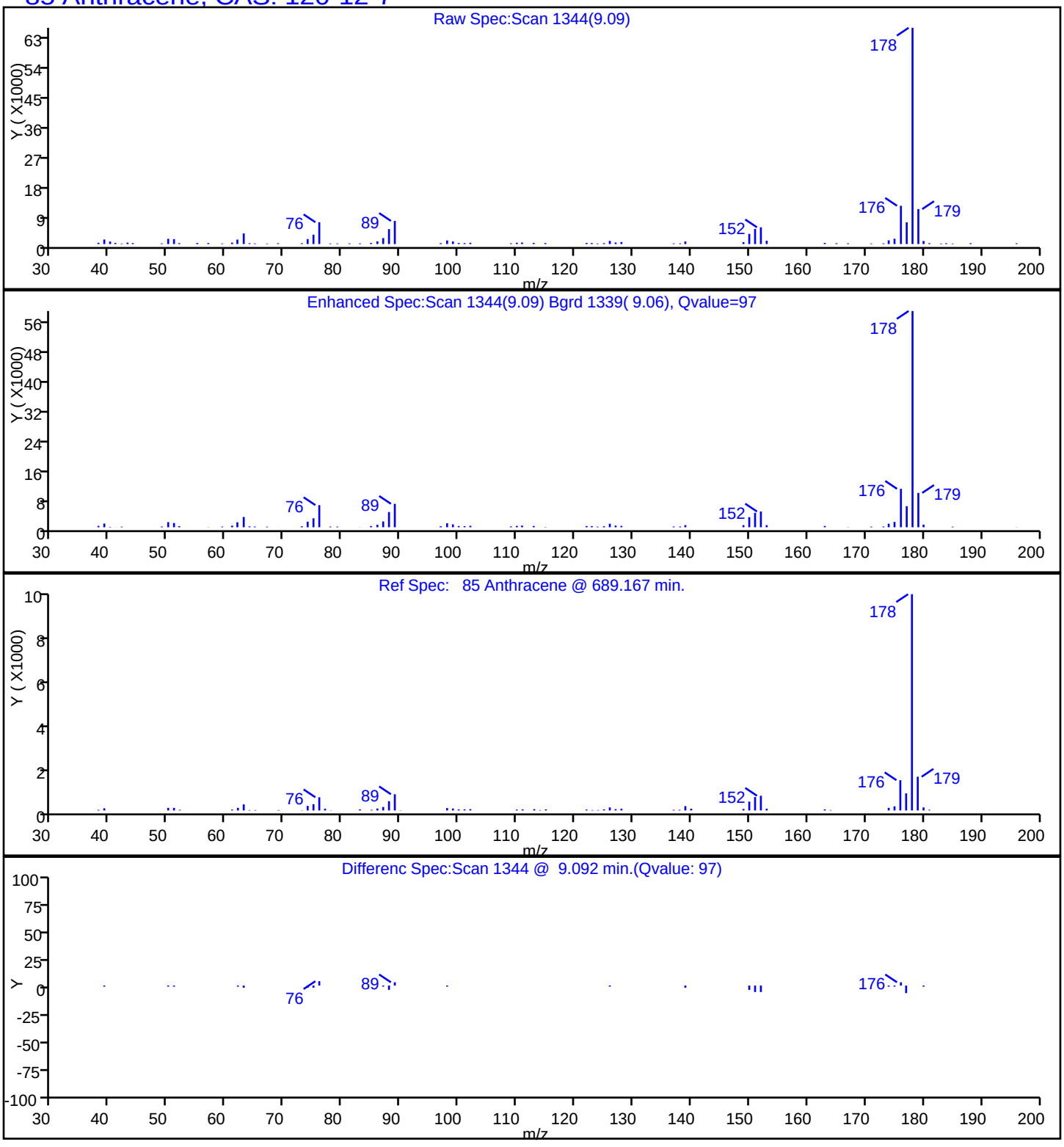


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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



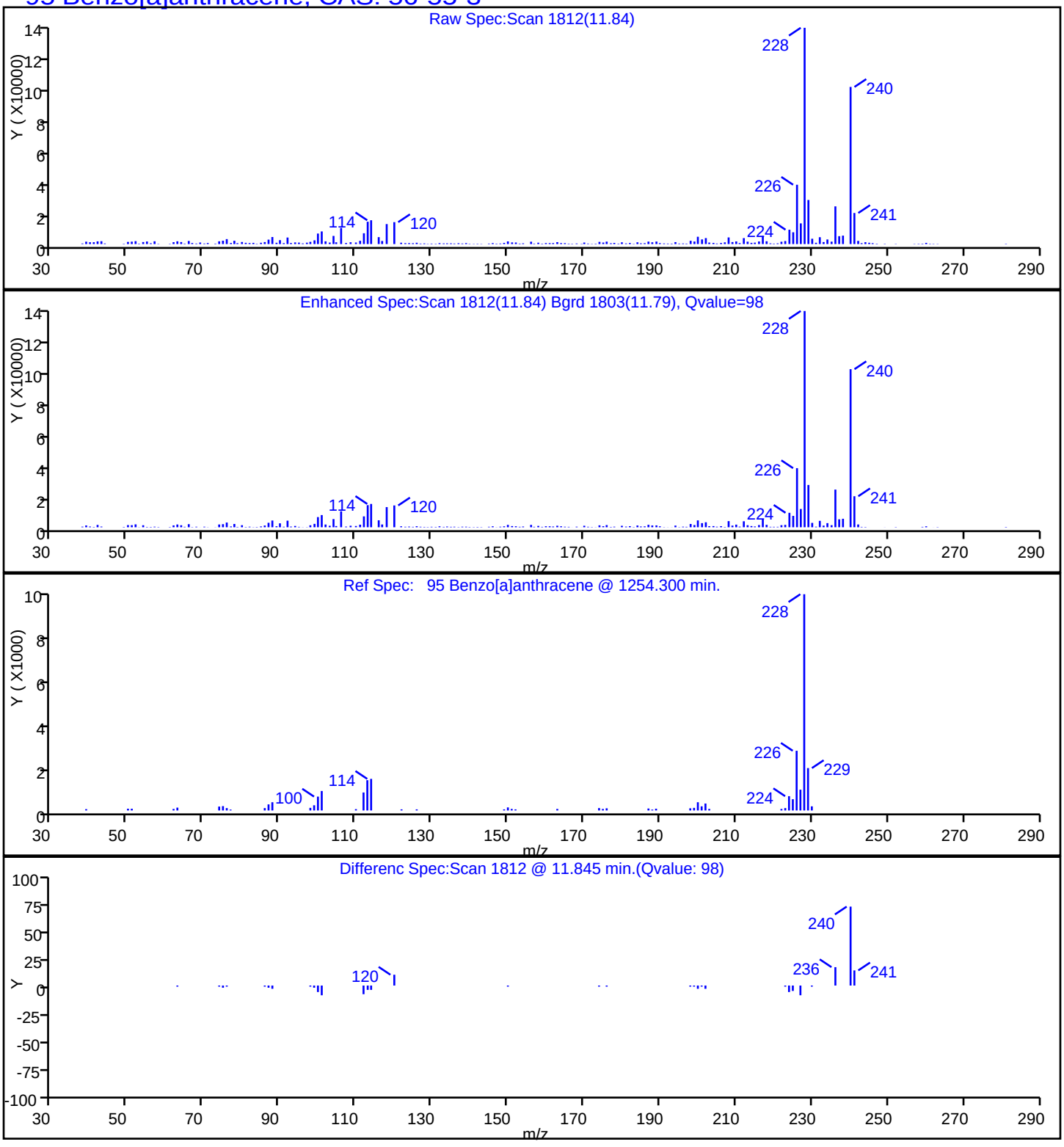
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Client ID:	S-4				
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Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3

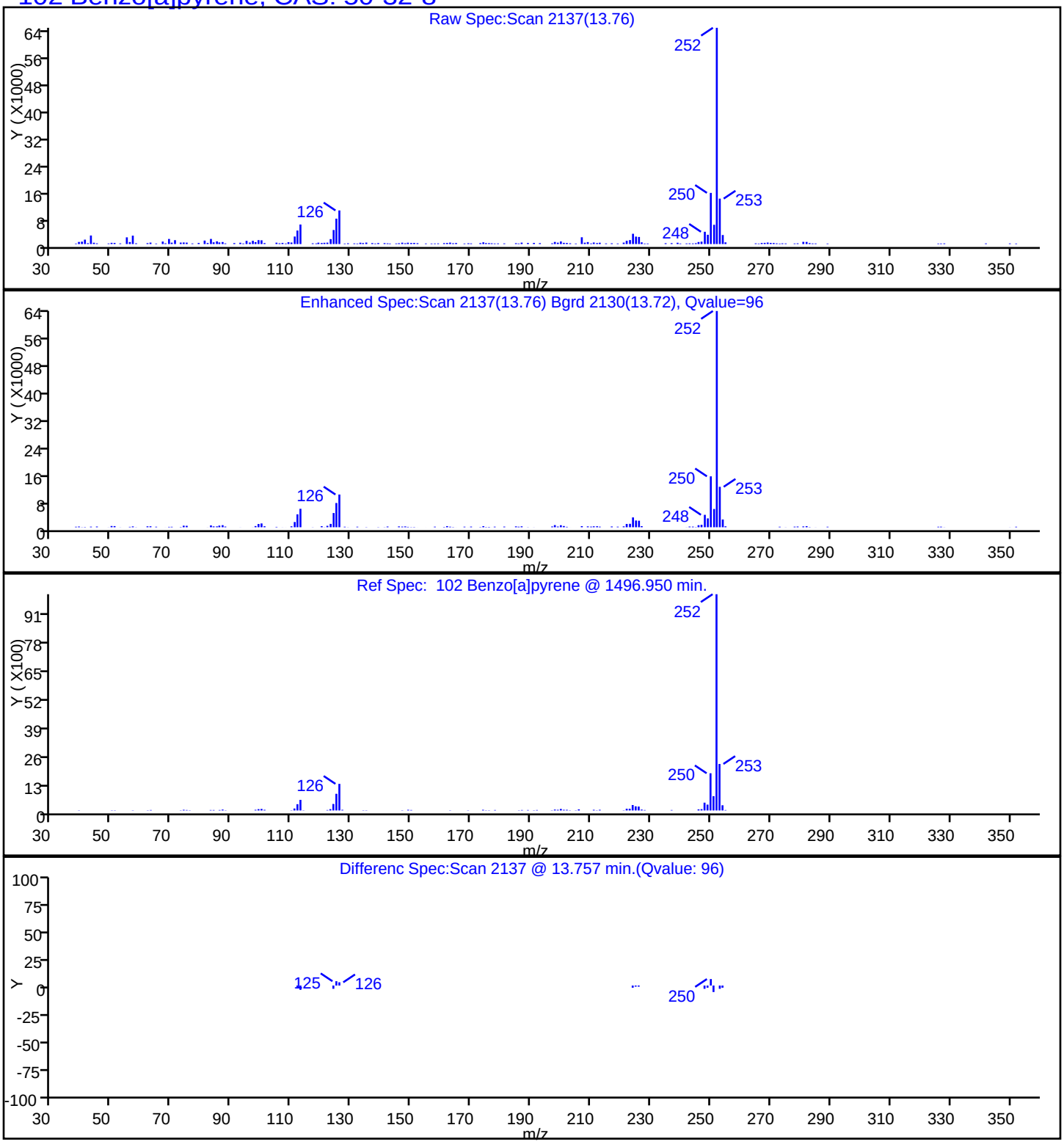


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Operator ID:	BNA 12	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8

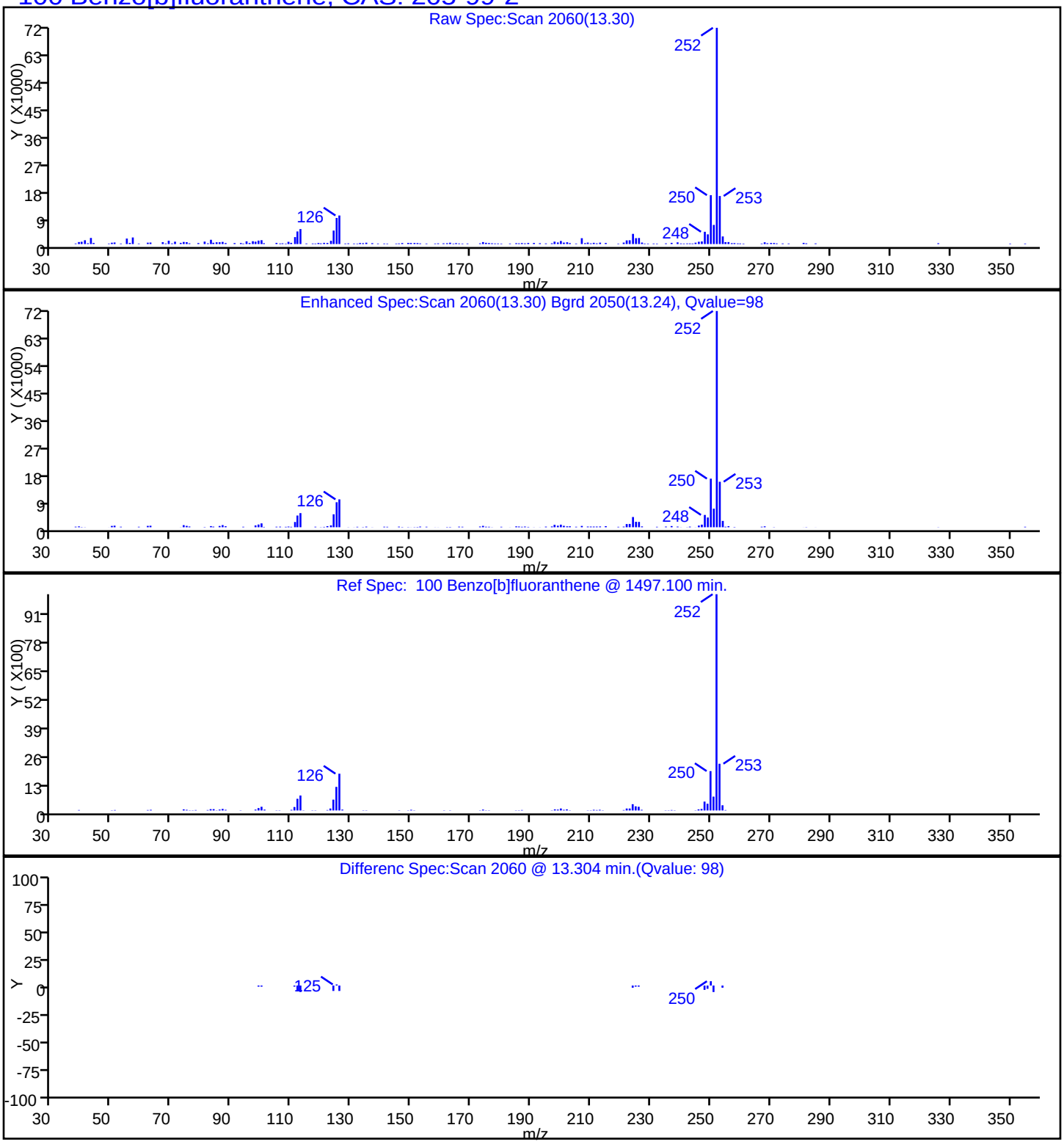


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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



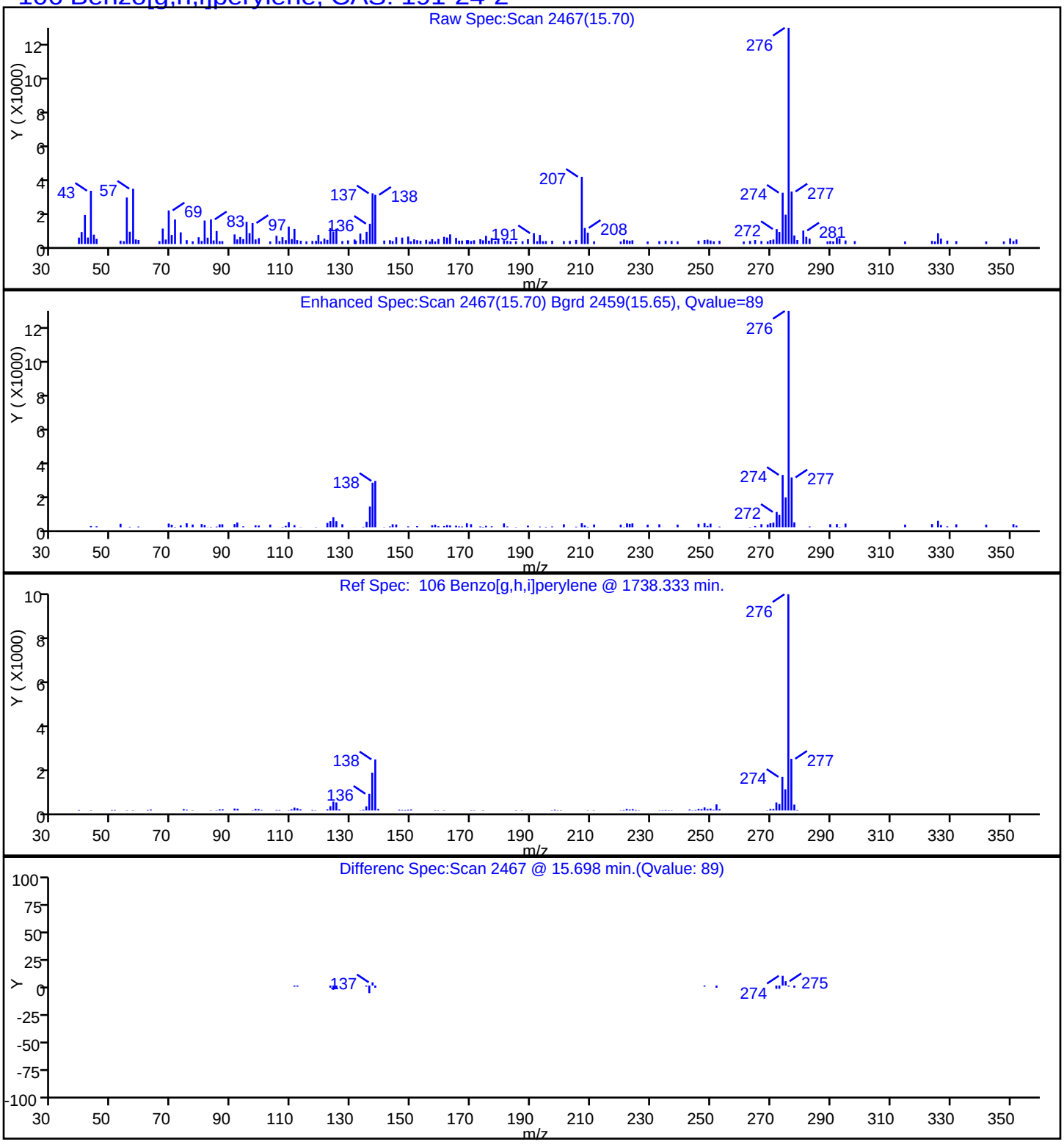
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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2

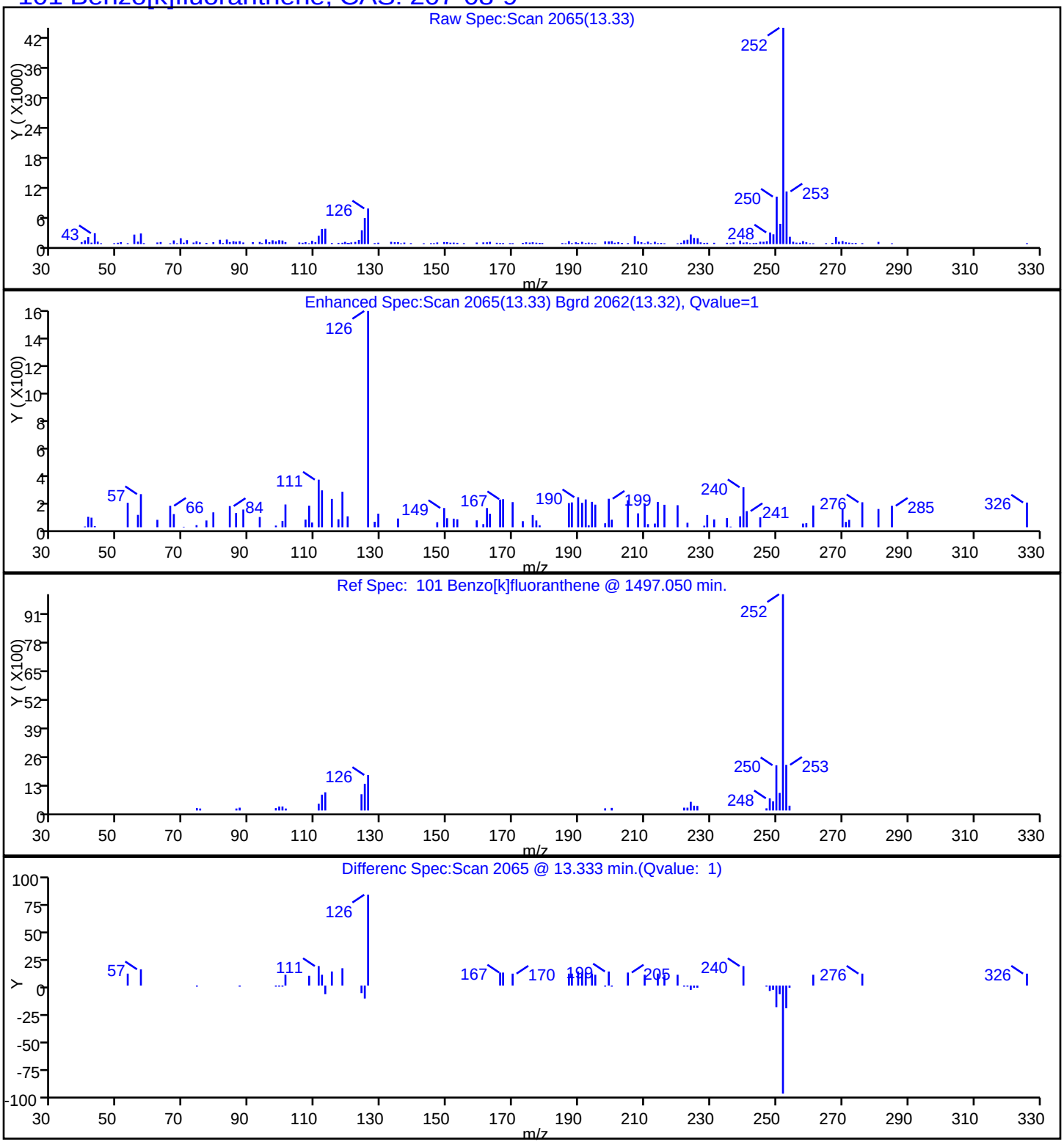


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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

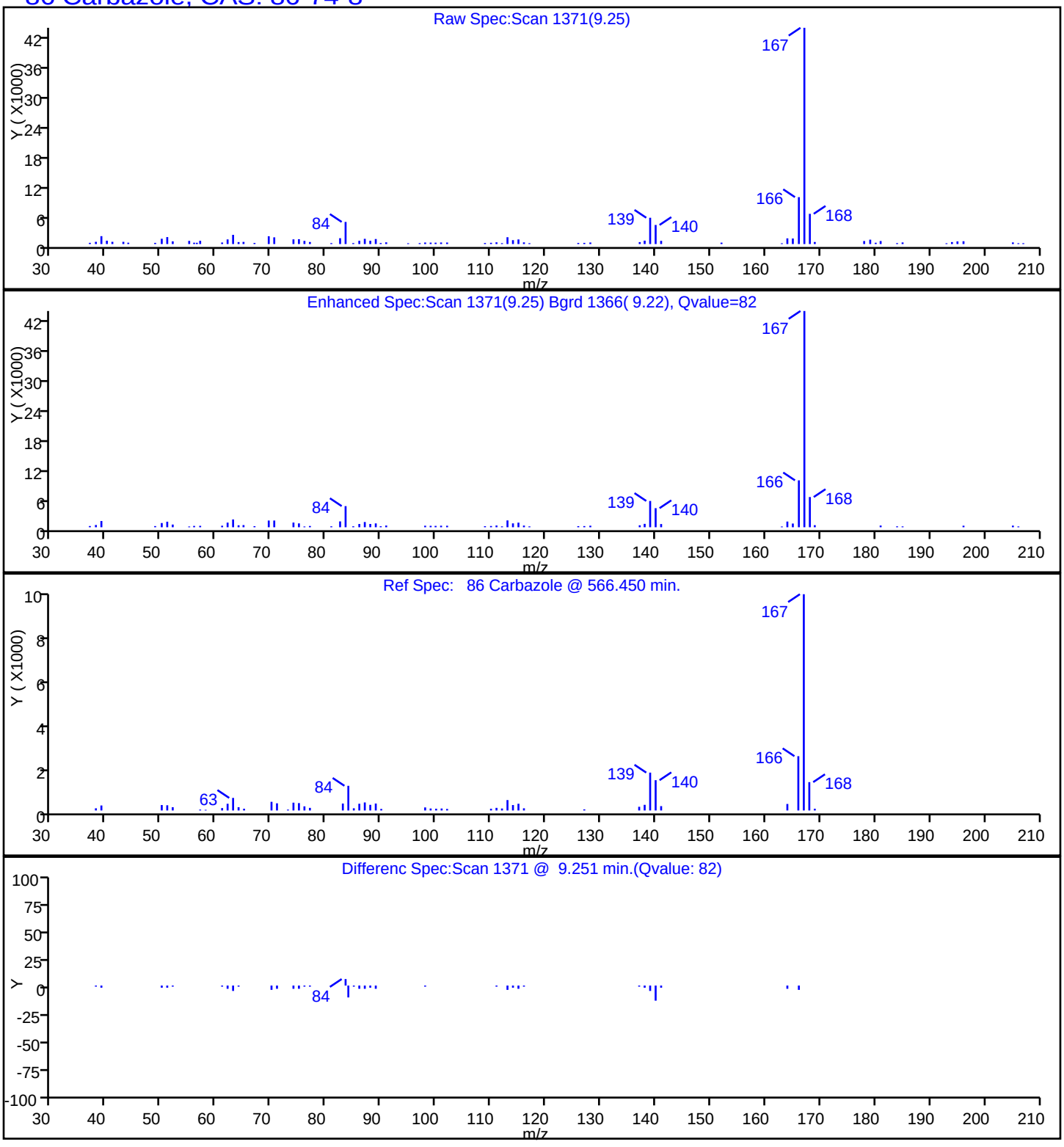


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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8

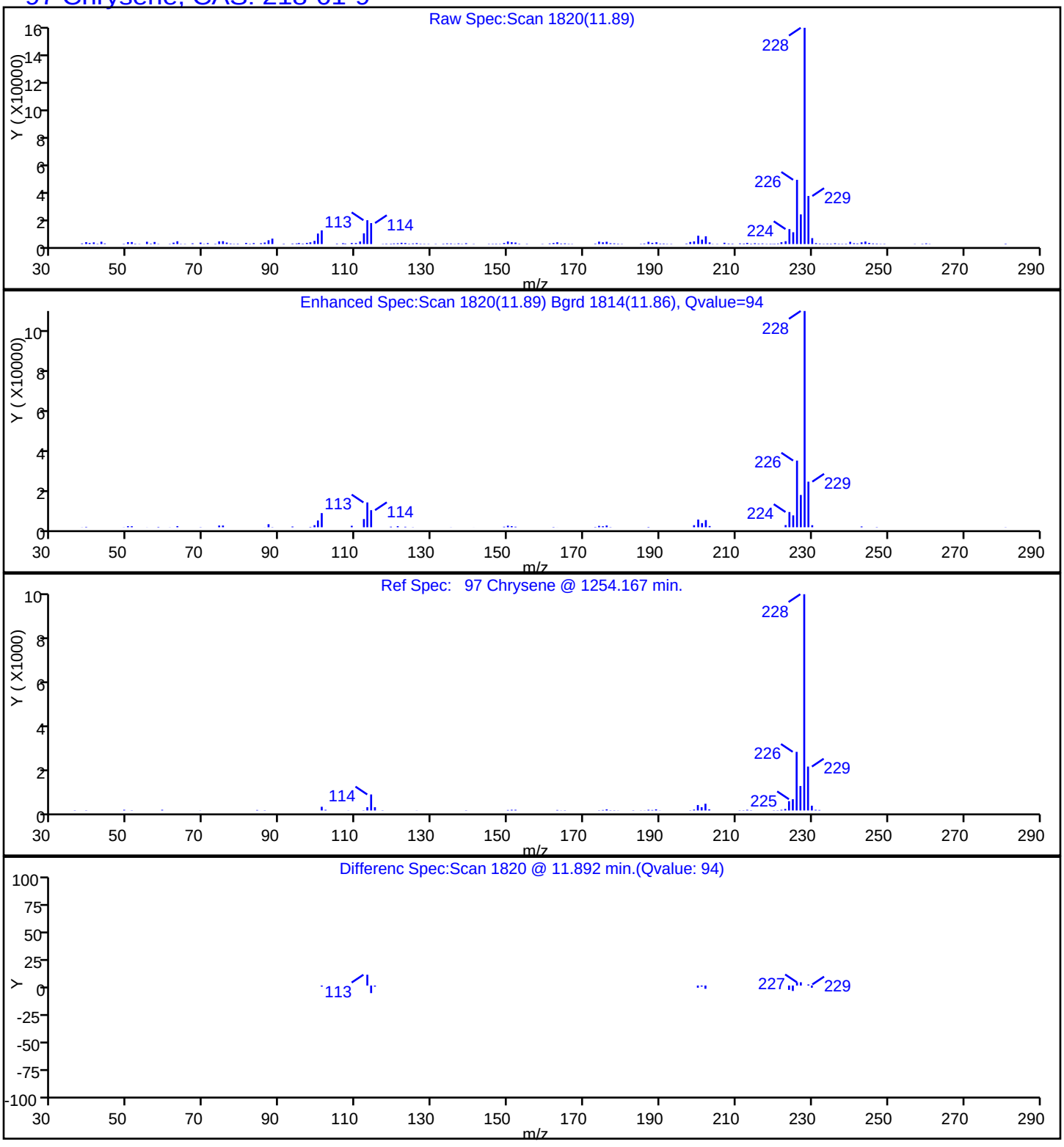


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97 Chrysene, CAS: 218-01-9

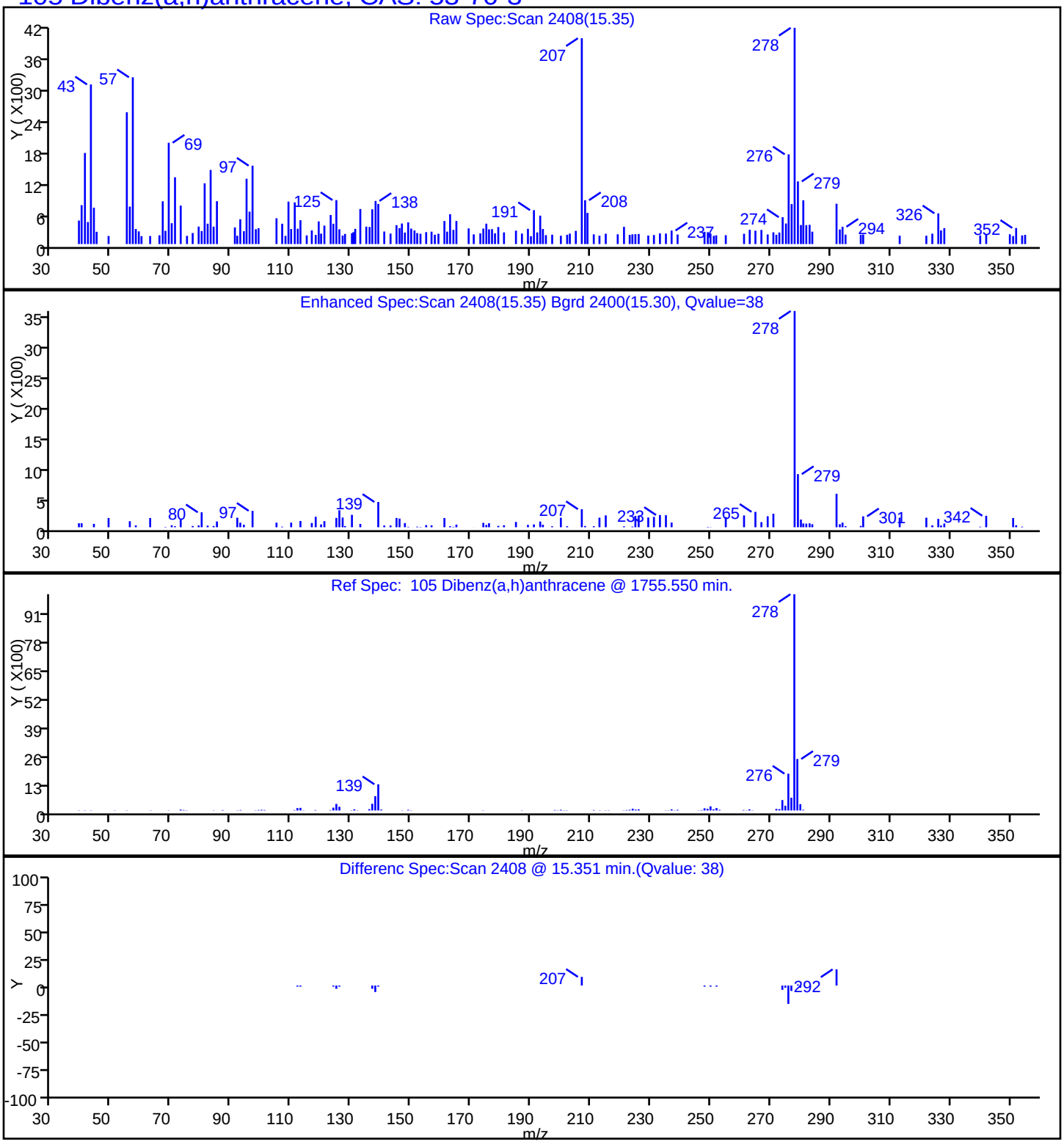


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Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3

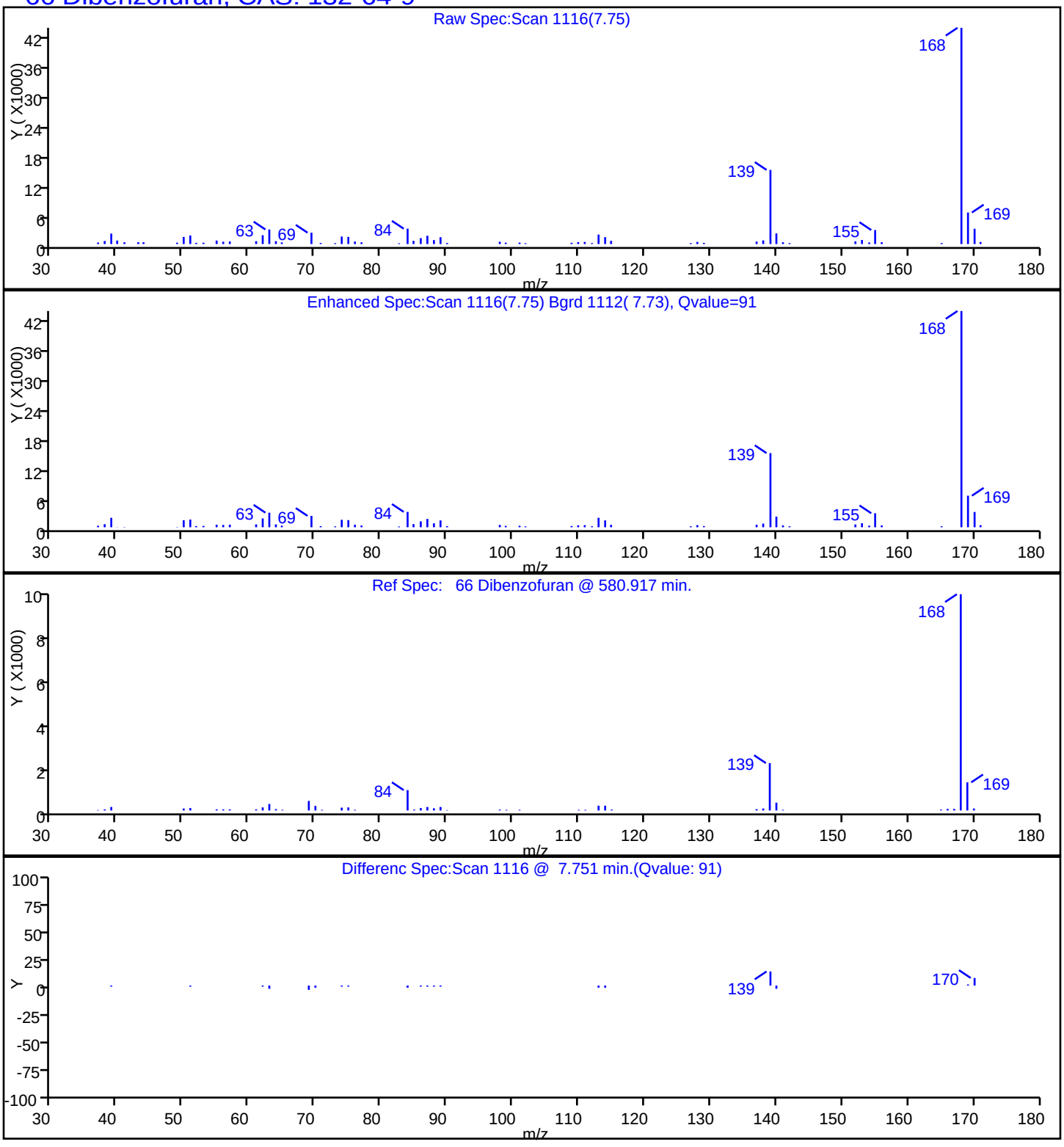


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66 Dibenzofuran, CAS: 132-64-9

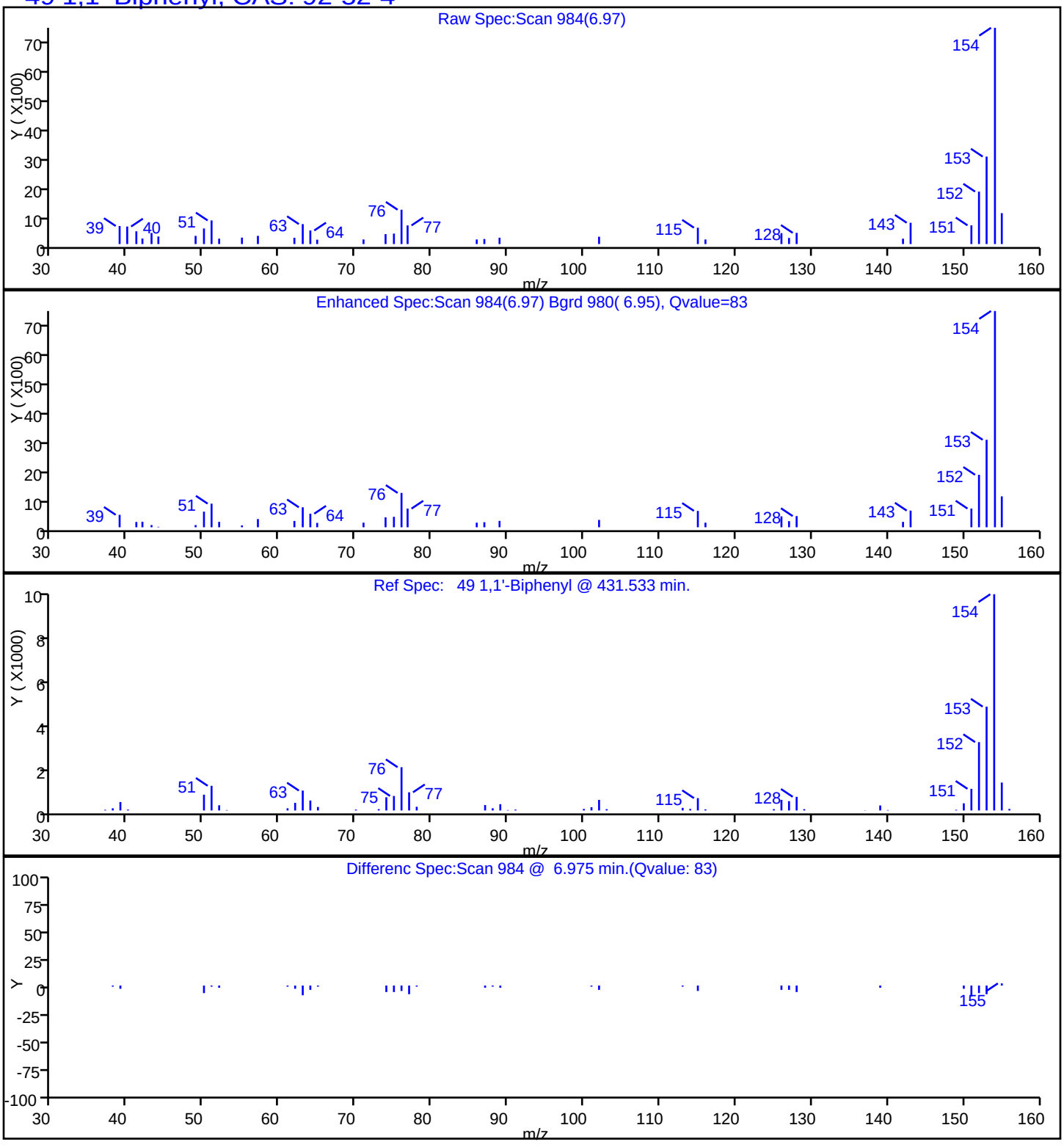


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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



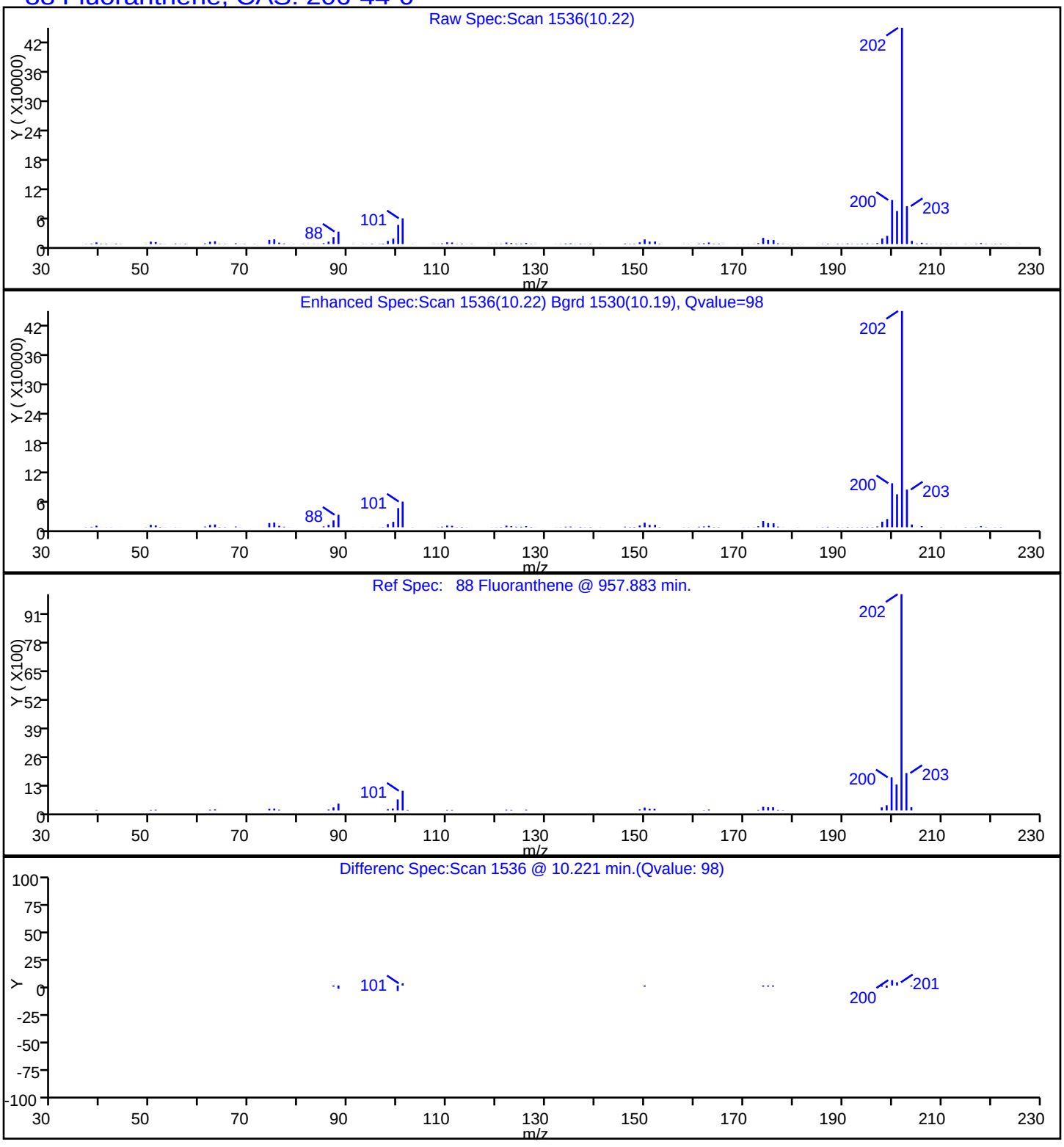
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88 Fluoranthene, CAS: 206-44-0



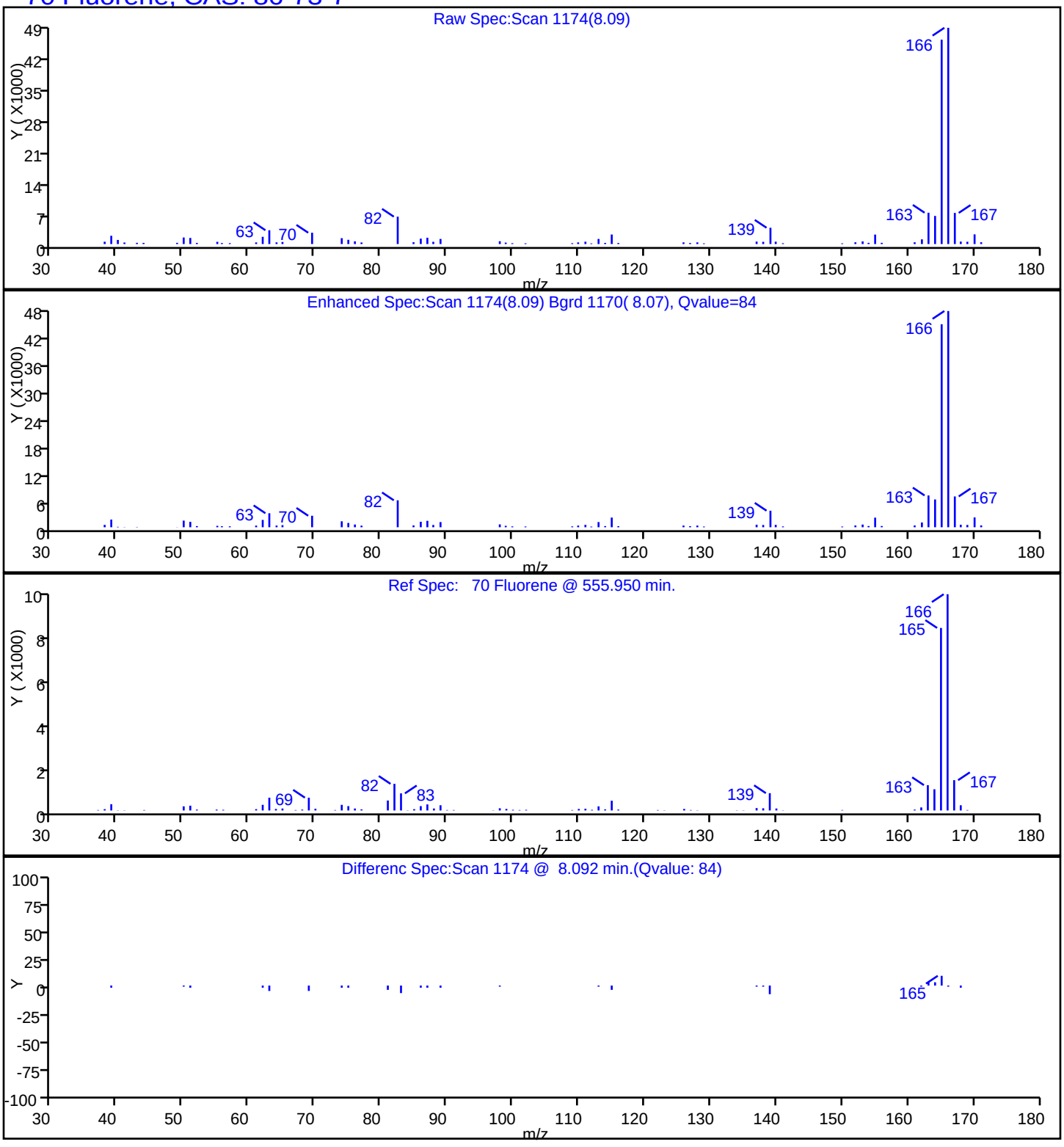
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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



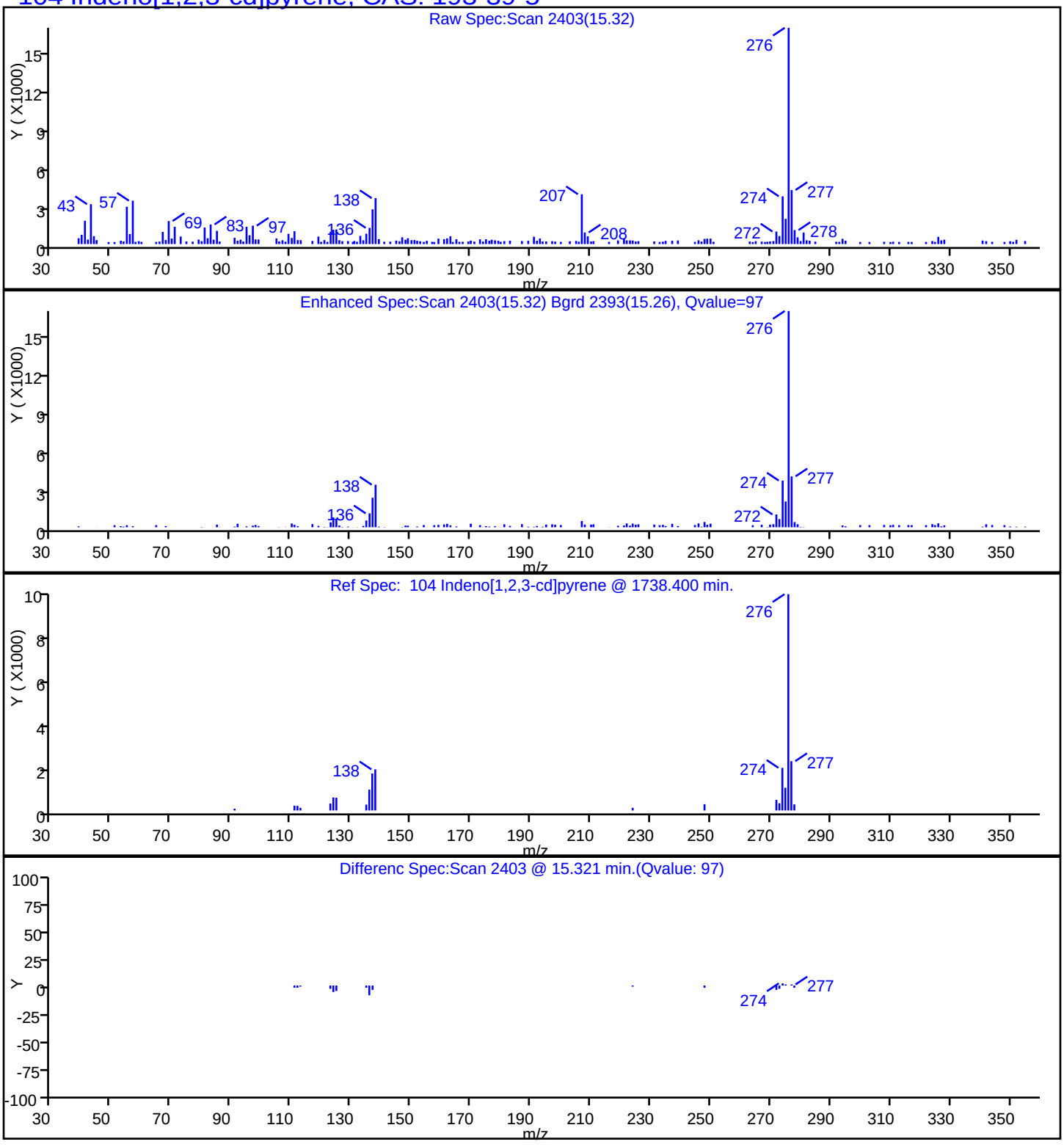
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Method:	8270_12R	Limit Group:	SV 8270D ICAL		
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104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



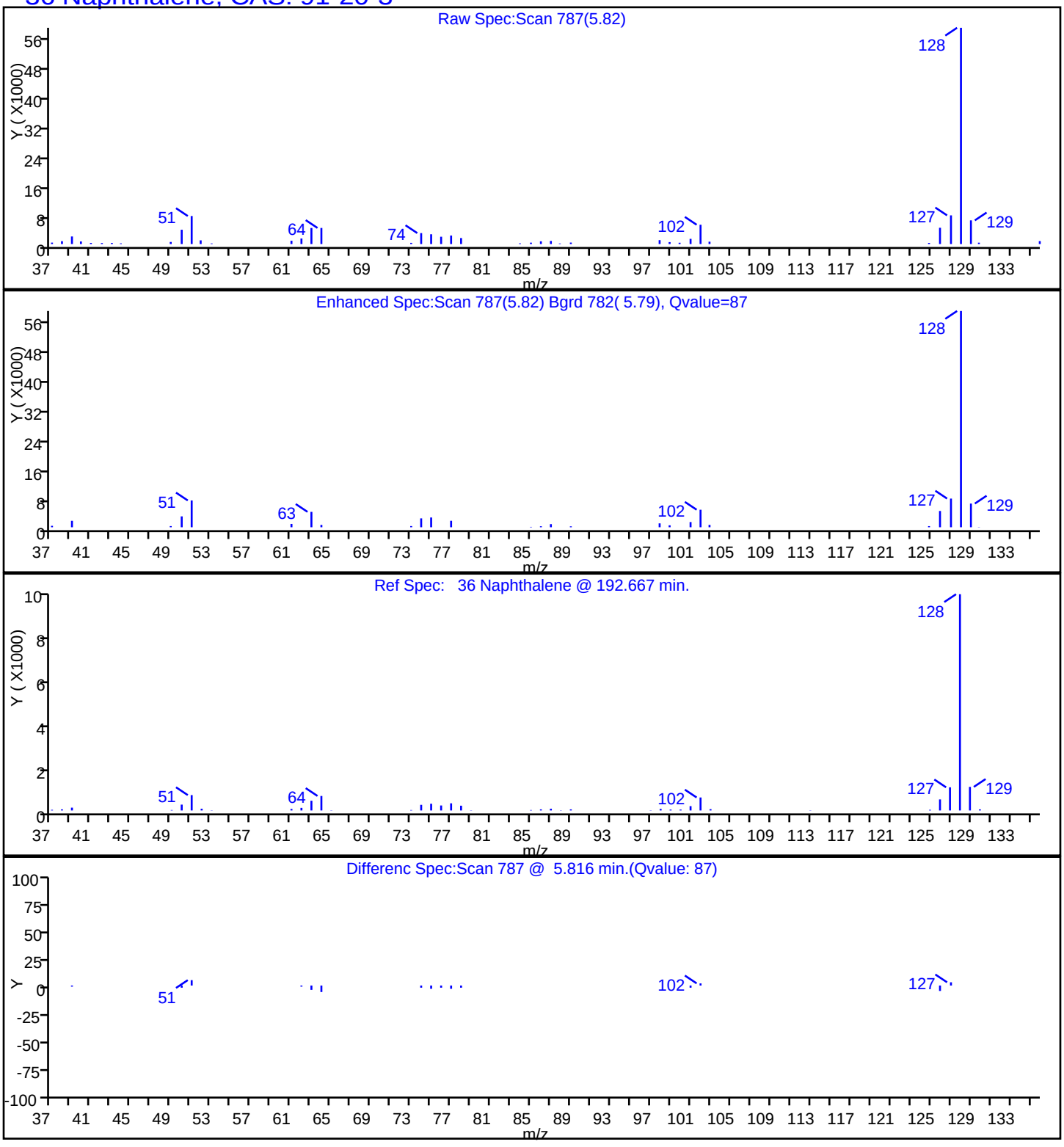
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Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3

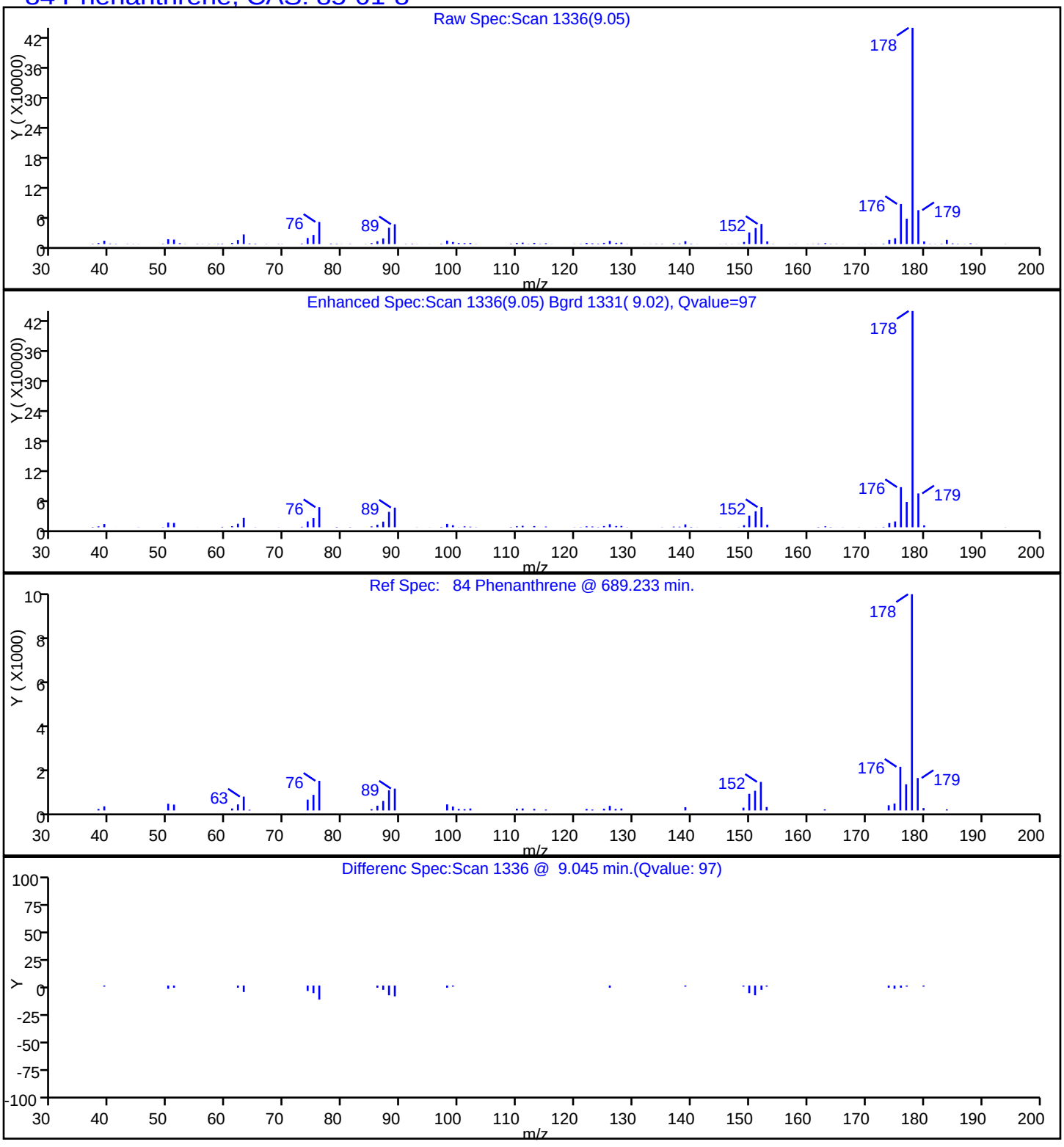


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84 Phenanthrene, CAS: 85-01-8

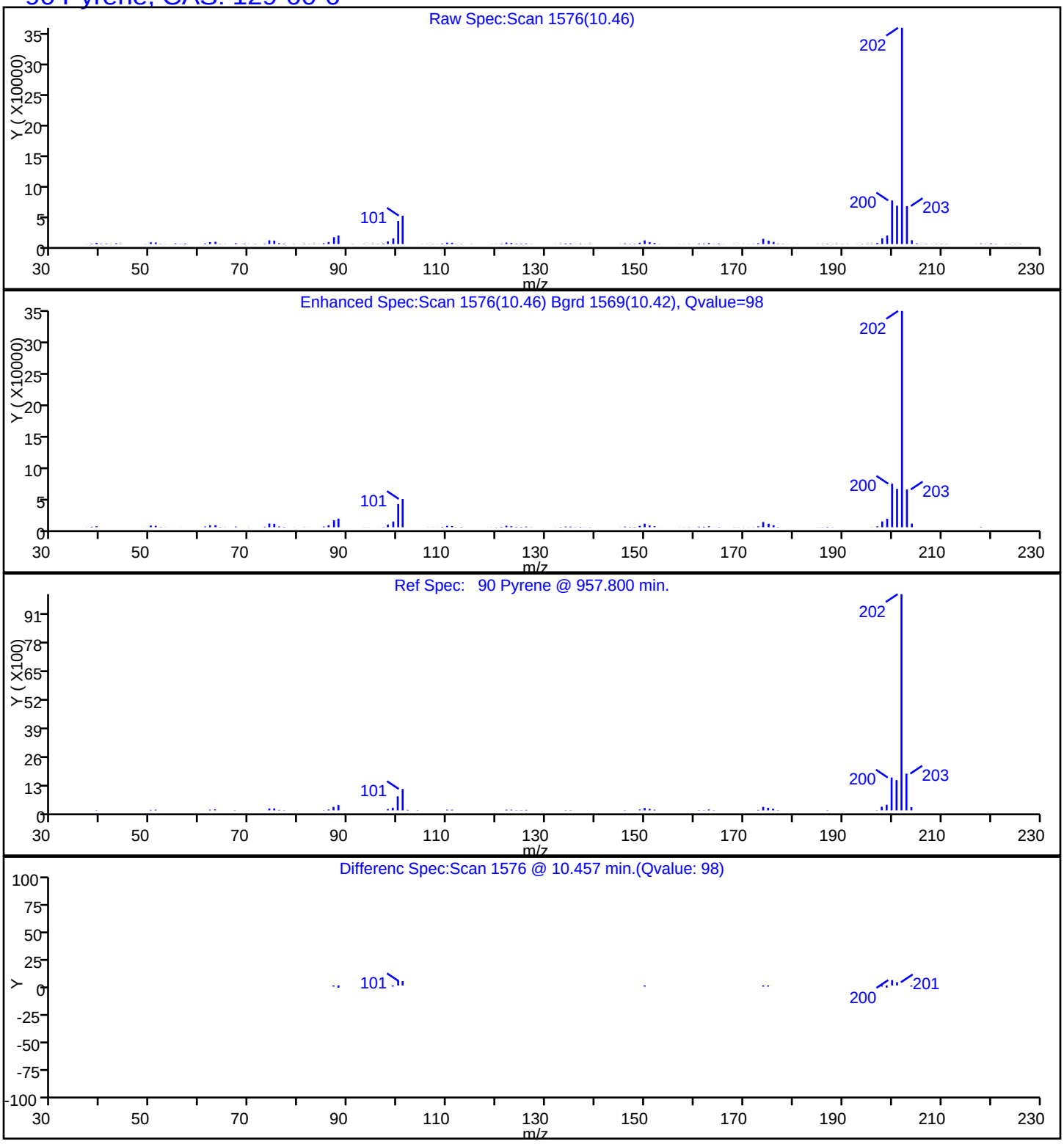


Report Date: 24-Jun-2014 16:43:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D				
Injection Date:	24-Jun-2014 14:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:	BNA 12	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 24-Jun-2014 16:43:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D

Injection Date: 24-Jun-2014 14:54:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-4-A Lab Sample ID: 460-78044-4

Client ID: S-4

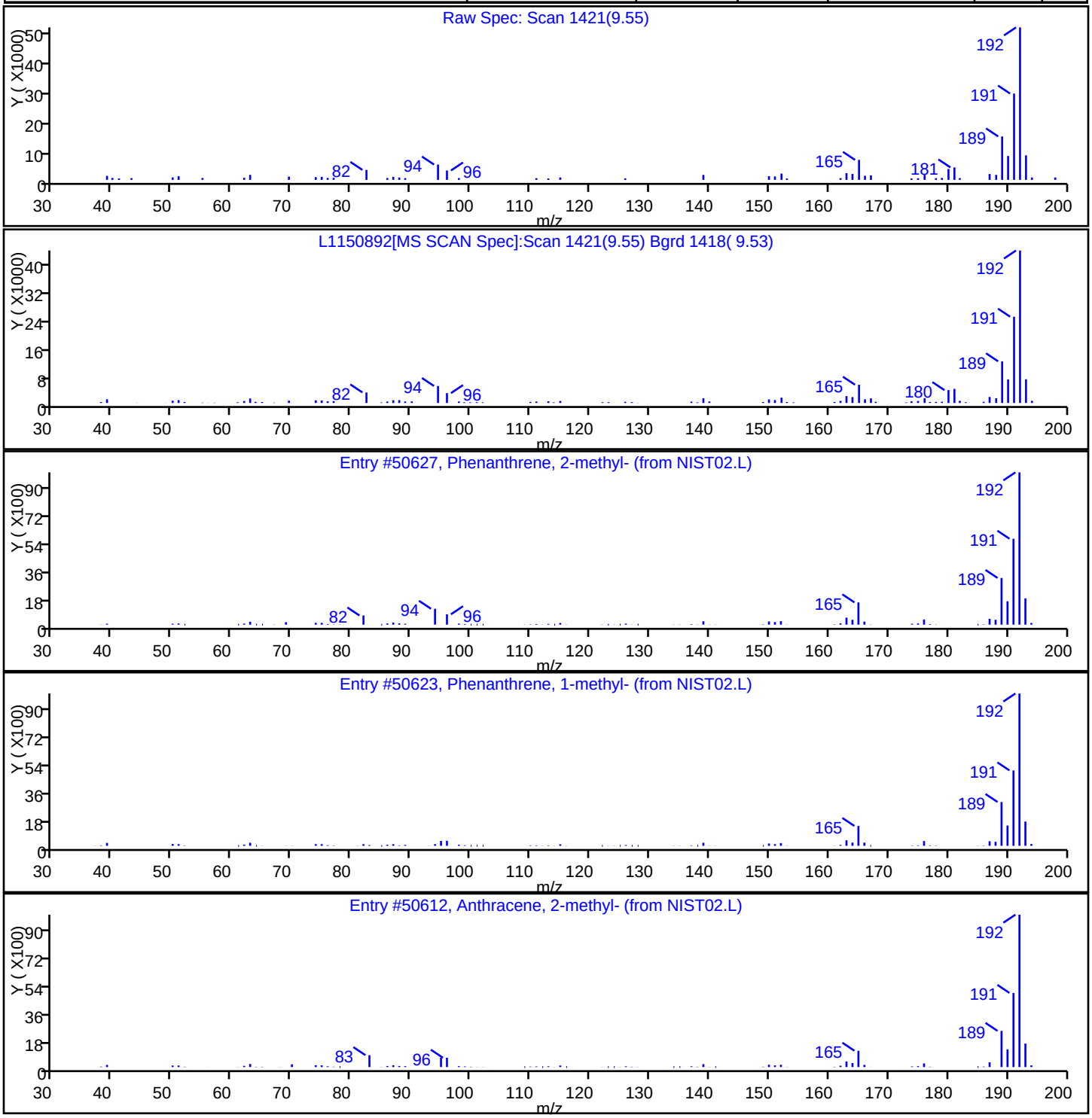
Operator ID: BNA 12 ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 50.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	NIST02	50627	C15H12	192	98
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	98
Anthracene, 2-methyl-	613-12-7	NIST02.L	50612	C15H12	192	96



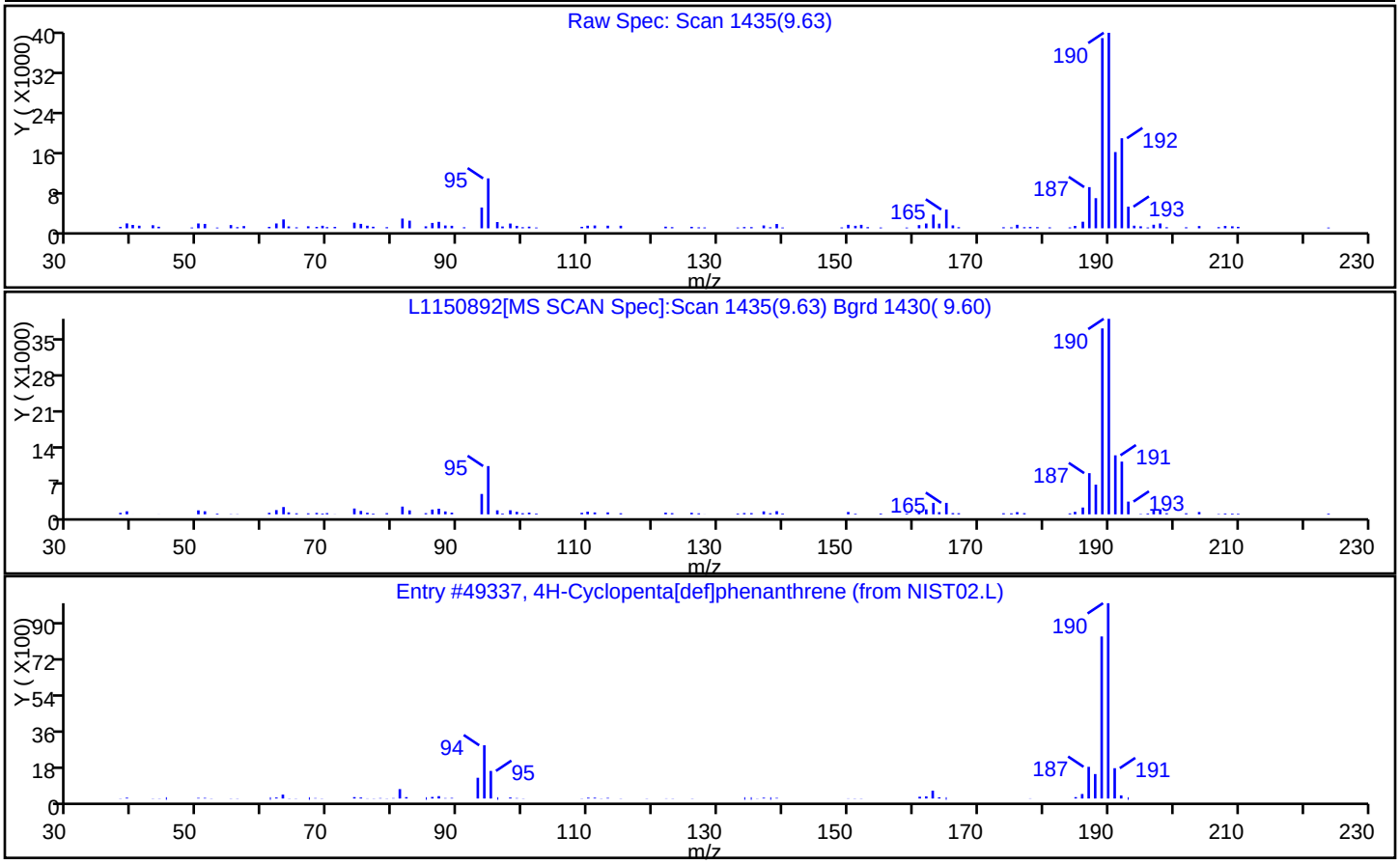
Report Date: 24-Jun-2014 16:43:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D

Injection Date:	24-Jun-2014 14:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-4-A	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:	BNA 12	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02	49337	C15H10	190	90



Report Date: 24-Jun-2014 16:43:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150892.D

Injection Date: 24-Jun-2014 14:54:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-4-A Lab Sample ID: 460-78044-4

Client ID: S-4

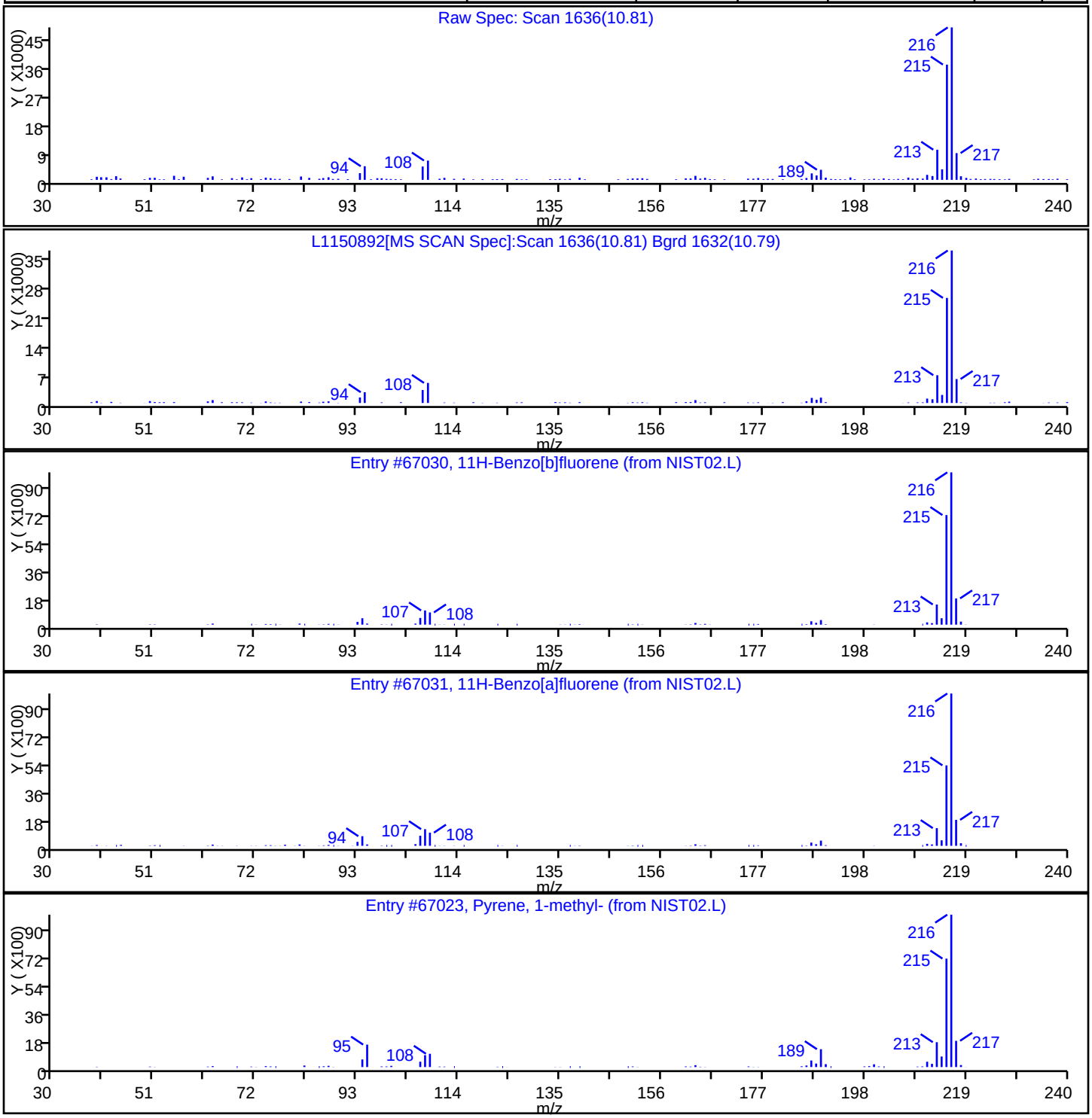
Operator ID: BNA 12 ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 50.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
11H-Benzo[b]fluorene	243-17-4	NIST02	67030	C17H12	216	95
11H-Benzo[a]fluorene	238-84-6	NIST02.L	67031	C17H12	216	94
Pyrene, 1-methyl-	2381-21-7	NIST02.L	67023	C17H12	216	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Matrix: Solid | Lab File ID: L1150886.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.99(g) | Date Analyzed: 06/24/2014 12:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	430	58
108-60-1	2,2'-oxybis[1-chloropropane]	48	U	430	48
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	430	56
95-95-4	2,4,5-Trichlorophenol	56	U	430	56
88-06-2	2,4,6-Trichlorophenol	51	U	430	51
120-83-2	2,4-Dichlorophenol	63	U	430	63
105-67-9	2,4-Dimethylphenol	110	U	430	110
51-28-5	2,4-Dinitrophenol	250	U	880	250
121-14-2	2,4-Dinitrotoluene	14	U	88	14
606-20-2	2,6-Dinitrotoluene	13	U	88	13
91-58-7	2-Chloronaphthalene	48	U	430	48
95-57-8	2-Chlorophenol	57	U	430	57
91-57-6	2-Methylnaphthalene	56	U	430	56
95-48-7	2-Methylphenol	74	U	430	74
88-74-4	2-Nitroaniline	180	U	430	180
88-75-5	2-Nitrophenol	48	U	430	48
91-94-1	3,3'-Dichlorobenzidine	150	U	430	150
99-09-2	3-Nitroaniline	150	U	430	150
534-52-1	4,6-Dinitro-2-methylphenol	120	U	880	120
101-55-3	4-Bromophenyl phenyl ether	43	U	430	43
59-50-7	4-Chloro-3-methylphenol	65	U	430	65
106-47-8	4-Chloroaniline	110	U	430	110
7005-72-3	4-Chlorophenyl phenyl ether	51	U	430	51
106-44-5	4-Methylphenol	85	U	430	85
100-01-6	4-Nitroaniline	130	U	880	130
100-02-7	4-Nitrophenol	280	U	430	280
83-32-9	Acenaphthene	470		430	63
208-96-8	Acenaphthylene	240	J	430	51
98-86-2	Acetophenone	67	U	430	67
120-12-7	Anthracene	700		430	53
1912-24-9	Atrazine	67	U	430	67
100-52-7	Benzaldehyde	51	U	430	51
56-55-3	Benzo[a]anthracene	2300		43	3.0
50-32-8	Benzo[a]pyrene	2200		43	3.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Matrix: Solid | Lab File ID: L1150886.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.99(g) | Date Analyzed: 06/24/2014 12:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3100		43	2.7
191-24-2	Benzo[g,h,i]perylene	410	J *	430	32
207-08-9	Benzo[k]fluoranthene	1400		43	3.3
111-91-1	Bis(2-chloroethoxy)methane	56	U	430	56
111-44-4	Bis(2-chloroethyl)ether	5.9	U	43	5.9
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	430	140
85-68-7	Butyl benzyl phthalate	40	U	430	40
105-60-2	Caprolactam	100	U	430	100
86-74-8	Carbazole	110	J	430	51
218-01-9	Chrysene	2200		430	51
53-70-3	Dibenz(a,h)anthracene	180		43	5.5
132-64-9	Dibenzofuran	170	J	430	51
84-66-2	Diethyl phthalate	52	U	430	52
131-11-3	Dimethyl phthalate	51	U	430	51
84-74-2	Di-n-butyl phthalate	120	J	430	53
117-84-0	Di-n-octyl phthalate	28	U	430	28
92-52-4	Diphenyl	58	U	430	58
206-44-0	Fluoranthene	6000		430	58
86-73-7	Fluorene	330	J	430	55
118-74-1	Hexachlorobenzene	5.9	U	43	5.9
87-68-3	Hexachlorobutadiene	11	U	88	11
77-47-4	Hexachlorocyclopentadiene	51	U	430	51
67-72-1	Hexachloroethane	4.8	U	43	4.8
193-39-5	Indeno[1,2,3-cd]pyrene	620		43	8.1
78-59-1	Isophorone	52	U	430	52
91-20-3	Naphthalene	170	J	430	50
98-95-3	Nitrobenzene	6.2	U *	43	6.2
621-64-7	N-Nitrosodi-n-propylamine	7.2	U	43	7.2
86-30-6	N-Nitrosodiphenylamine	43	U	430	43
87-86-5	Pentachlorophenol	130	U	880	130
85-01-8	Phenanthrene	1500		430	55
108-95-2	Phenol	58	U	430	58
129-00-0	Pyrene	2700		430	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Matrix: Solid | Lab File ID: L1150886.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.99(g) | Date Analyzed: 06/24/2014 12:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	87		19-114
321-60-8	2-Fluorobiphenyl	99		49-112
367-12-4	2-Fluorophenol	79		39-103
4165-60-0	Nitrobenzene-d5	90		40-106
4165-62-2	Phenol-d5	84		44-104
1718-51-0	Terphenyl-d14	67		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Matrix: Solid | Lab File ID: L1150886.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 14.99(g) | Date Analyzed: 06/24/2014 12:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 51800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.87	1100	J N
13798-23-7	Sulfur	7.91	1200	J N
13798-23-7	Sulfur	7.95	1900	J N
	Unknown	9.42	2100	J
203-64-5	4H-Cyclopenta[def]phenanthrene	9.63	1500	J N
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	9.65	1900	J N
1000268-54-1	Cyclopropane, 1,1-dimethyl-2-(1-methylet	9.71	2800	J N
	Unknown	9.78	2800	J
	Unknown	9.80	8200	J
	Unknown	9.87	2500	J
	Unknown	9.89	1200	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthrene, 4	9.97	5400	J N
32624-67-2	10,18-Bisnorabieta-8,11,13-triene	10.05	4600	J N
	Unknown	10.15	1300	J
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta	10.28	4300	J N
	Unknown	10.33	1600	J
	Unknown	10.42	1400	J
	Unknown	10.58	2300	J
1740-19-8	1-Phenanthrenecarboxylic acid, 1,2,3,4,4	11.62	1400	J N
198-55-0	Perylene	13.68	2300	J N

Report Date: 24-Jun-2014 16:42:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D
Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 24-Jun-2014 12:26:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-024
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:51 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:34:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.210	3.187	0.023	88	99139	39.7	
$ 6 Phenol-d5	99	4.116	4.122	-0.006	67	128909	41.9	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	79065	40.0	
21 4-Methylphenol	108	4.904	4.904	0.000	39	728	0.2980	
22 3 & 4 Methylphenol	108	4.904	4.904	0.000	40	728	0.2976	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	96	112671	45.2	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	266005	40.0	
36 Naphthalene	128	5.816	5.816	0.000	65	13291	2.00	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	69	2622	0.5972	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	51	3805	0.9333	
$ 48 2-Fluorobiphenyl	172	6.875	6.881	-0.006	97	217936	49.4	
49 1,1'-Biphenyl	154	6.975	6.981	-0.005	35	1833	0.3720	
55 1,3-Dimethylnaphthalene	156	7.210	7.216	-0.006	77	3207	1.05	
59 Acenaphthylene	152	7.410	7.416	-0.006	94	14996	2.72	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	135312	40.0	
62 Acenaphthene	154	7.581	7.586	-0.005	92	19250	5.42	
66 Dibenzofuran	168	7.751	7.757	-0.006	89	10098	1.95	
70 Fluorene	166	8.092	8.098	-0.006	82	15773	3.81	
$ 76 2,4,6-Tribromophenol	330	8.328	8.333	-0.005	95	27842	43.7	
82 n-Octadecane	57	8.904	8.904	0.000	33	1018	0.2879	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	206414	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	96	95050	17.3	
85 Anthracene	178	9.092	9.098	-0.006	98	44787	8.01	
86 Carbazole	167	9.251	9.257	-0.006	68	5751	1.21	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	63	7493	1.36	
88 Fluoranthene	202	10.245	10.221	0.024	98	372550	68.2	
90 Pyrene	202	10.457	10.457	0.000	97	322252	30.9	
$ 91 Terphenyl-d14	244	10.616	10.616	0.000	96	241921	33.5	
95 Benzo[a]anthracene	228	11.845	11.845	0.000	98	232620	26.0	
* 96 Chrysene-d12	240	11.857	11.857	0.000	99	338374	40.0	
97 Chrysene	228	11.892	11.898	-0.006	96	205020	25.2	
100 Benzo[b]fluoranthene	252	13.298	13.304	-0.006	97	186620	35.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
101 Benzo[k]fluoranthene	252	13.333	13.345	-0.012	99	88645	15.9	
102 Benzo[a]pyrene	252	13.757	13.762	-0.005	97	125194	24.7	
* 103 Perylene-d12	264	13.839	13.839	0.000	98	210938	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.315	15.321	-0.006	98	39111	7.07	
105 Dibenz(a,h)anthracene	278	15.345	15.356	-0.011	87	10689	2.07	
106 Benzo[g,h,i]perylene	276	15.698	15.703	-0.005	91	26818	4.66	
S 119 Total Cresols	1				0		0.2976	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D
Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 24-Jun-2014 12:26:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-024
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:51 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:34:54

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2245-38-7 Naphthalene, 1,6,7-trimethyl-								
7.869	178271	12.3	61	81	36213	C13H14	170	
13798-23-7 Sulfur								
7.910	203897	14.1	61	91	50964	S6	192	
13798-23-7 Sulfur								
7.951	309786	21.4	61	97	50963	S6	192	
Unknown								
9.416	308717	23.5	83					
203-64-5 4H-Cyclopenta[def]phenanthrene								
9.627	222199	16.9	83	91	49337	C15H10	190	
949-41-7 1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd								
9.645	279415	21.3	83	89	50641	C15H12	192	
1000268-54-1 Cyclopropane, 1,1-dimethyl-2-(1-methylet								
9.710	427023	32.5	83	83	63091	C16H18	210	
Unknown								
9.775	418166	31.8	83					
Unknown								
9.804	1228543	93.6	83					
Unknown								
9.869	379730	28.9	83					
Unknown								
9.892	184224	14.0	83					
1000197-14-1 4b,8-Dimethyl-2-isopropylphenanthrene, 4								
9.969	807238	61.5	83	93	92361	C19H28	256	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
32624-67-2	10,18-Bisnorabieta-8,11,13-triene							
10.051	696996	53.1	83	97	83831	C18H26	242	
Unknown								
10.151	198976	15.2	83					
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13-penta							
10.275	648078	49.4	83	98	81281	C18H22	238	
Unknown								
10.327	238279	18.1	83					
Unknown								
10.416	214899	16.4	83					
Unknown								
10.580	1276372	26.8	96					
1740-19-8	1-Phenanthrenecarboxylic acid, 1,2,3,4,4							
11.616	750986	15.8	96	98	117817	C20H28O2	300	
198-55-0	Perylene							
13.680	386889	26.6	103	98	89813	C20H12	252	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.551	578583	40.0
* 83 Phenanthrene-d10	9.022	525215	40.0
* 96 Chrysene-d12	11.851	1906215	40.0
* 103 Perylene-d12	13.839	580767	40.0

QC Flag Legend

Processing Flags

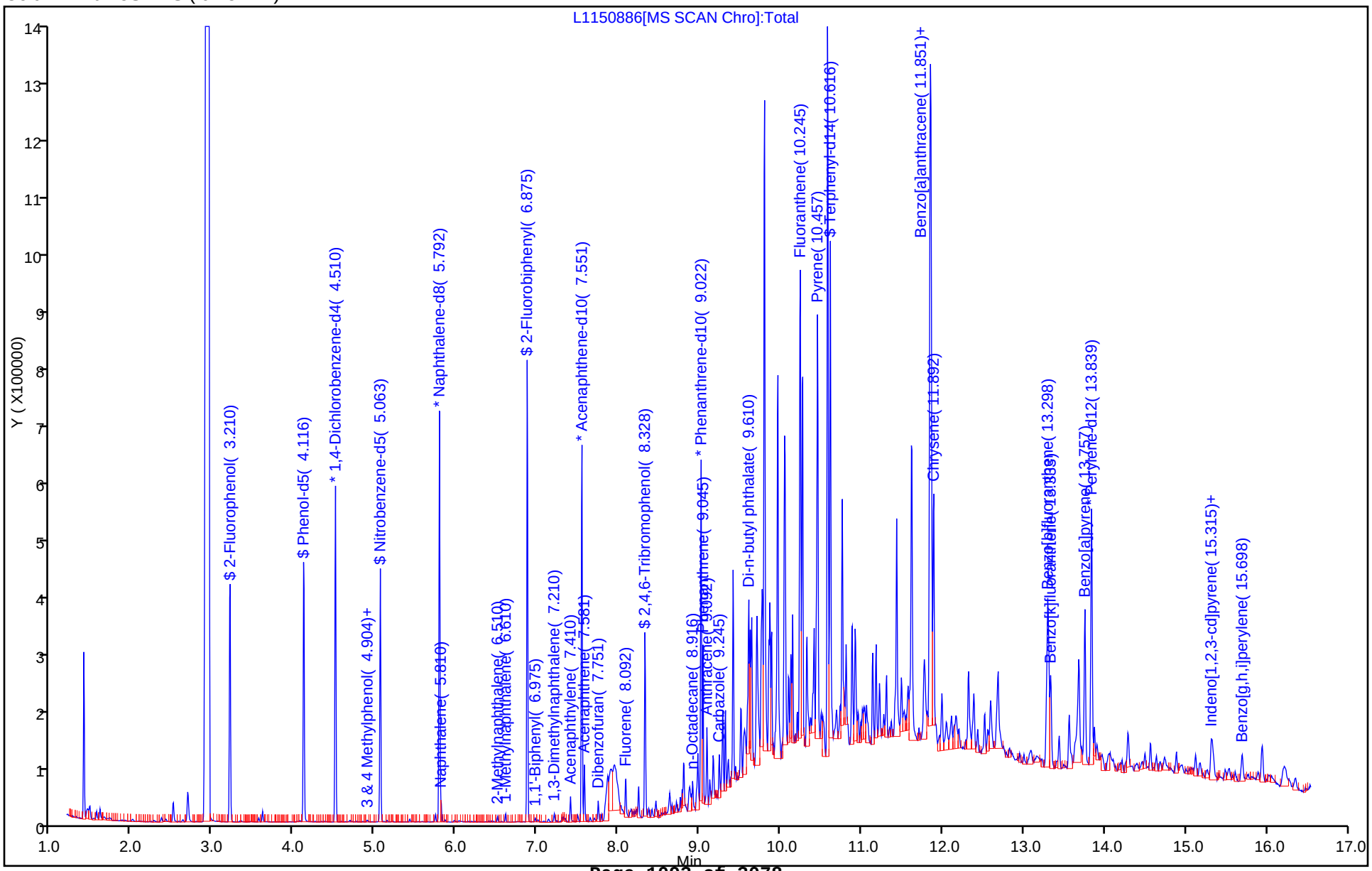
Report Date: 24-Jun-2014 16:42:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5	Worklist Smp#:	24
Client ID:	S-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



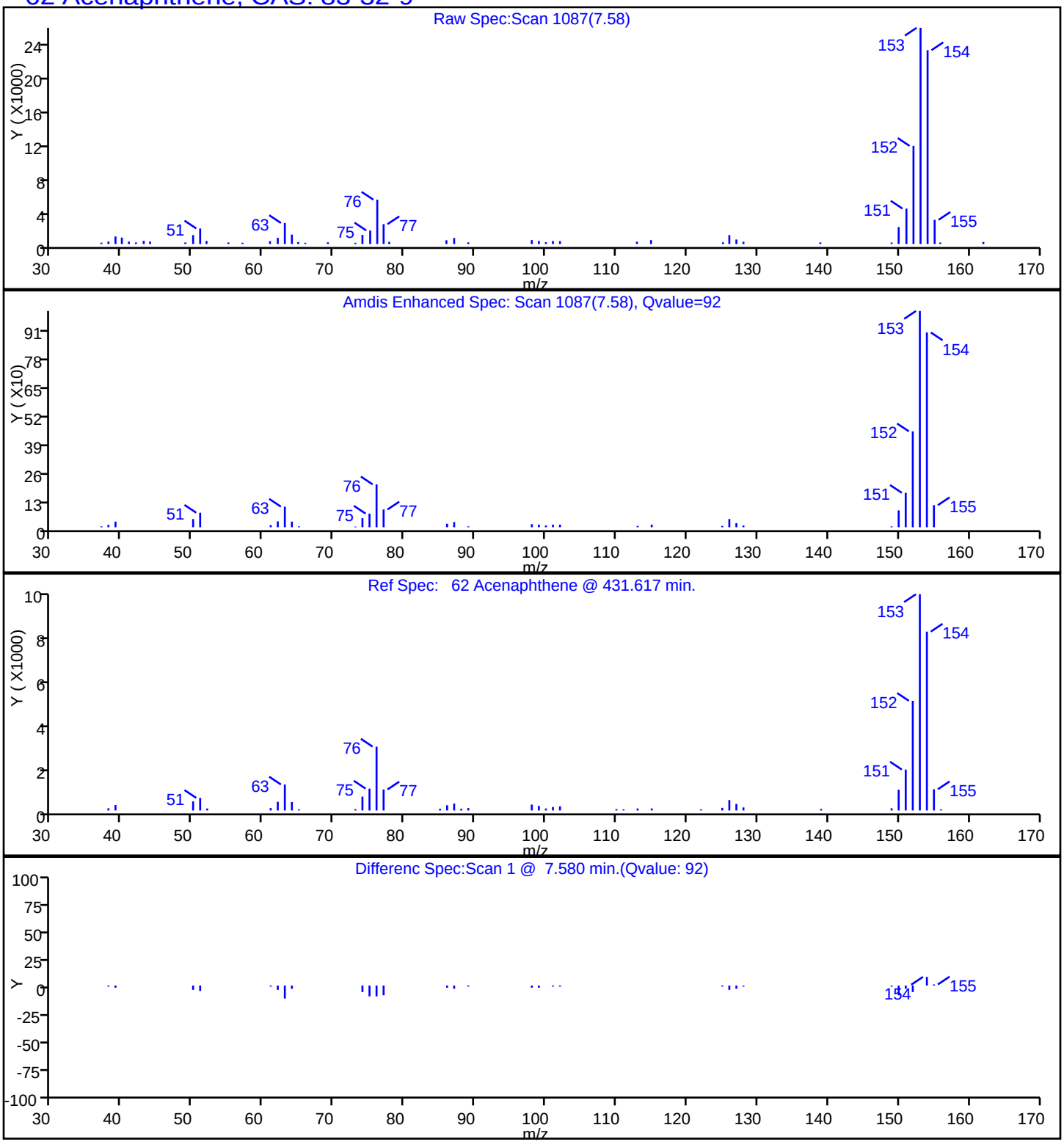
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



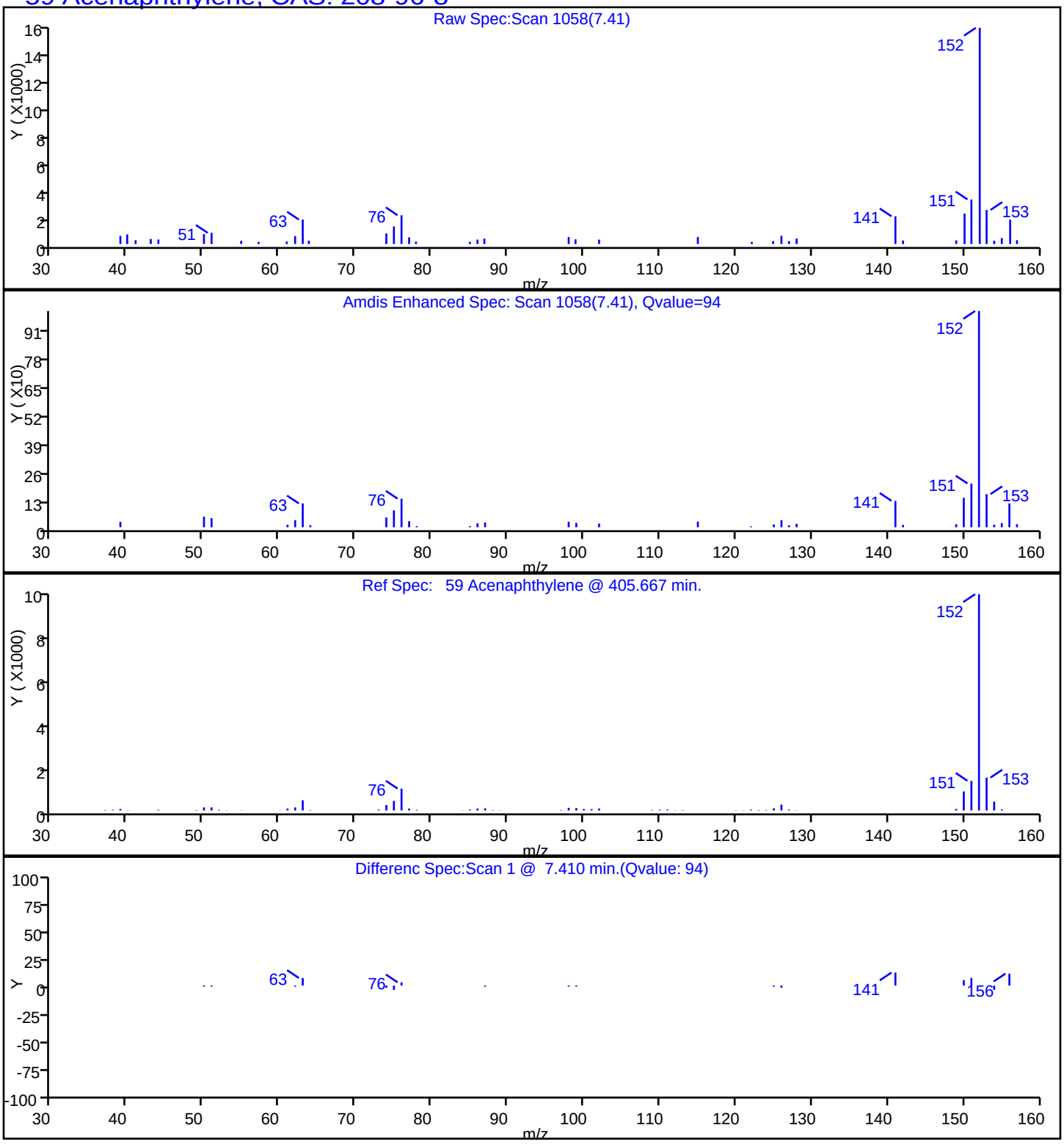
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



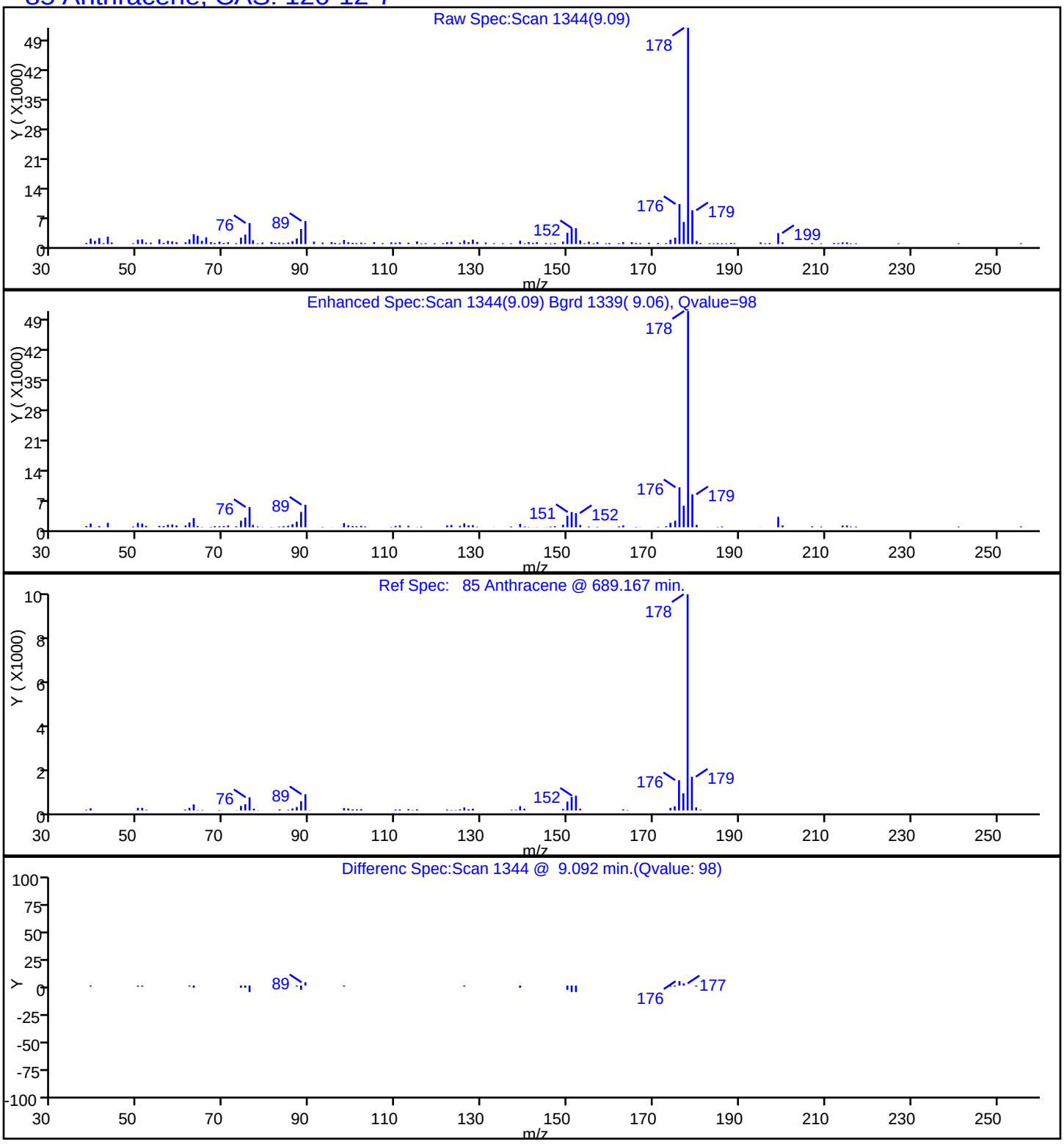
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



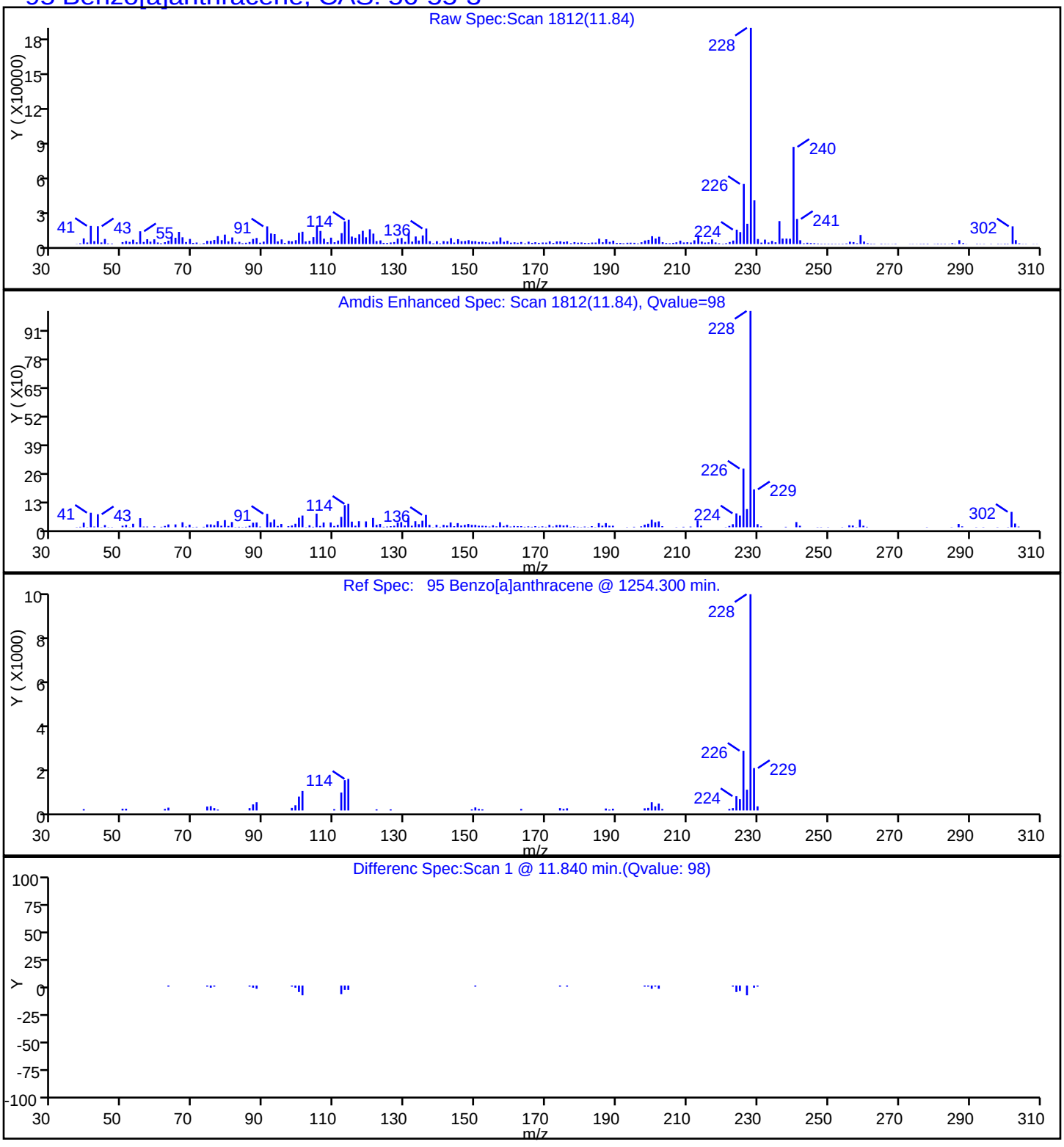
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3

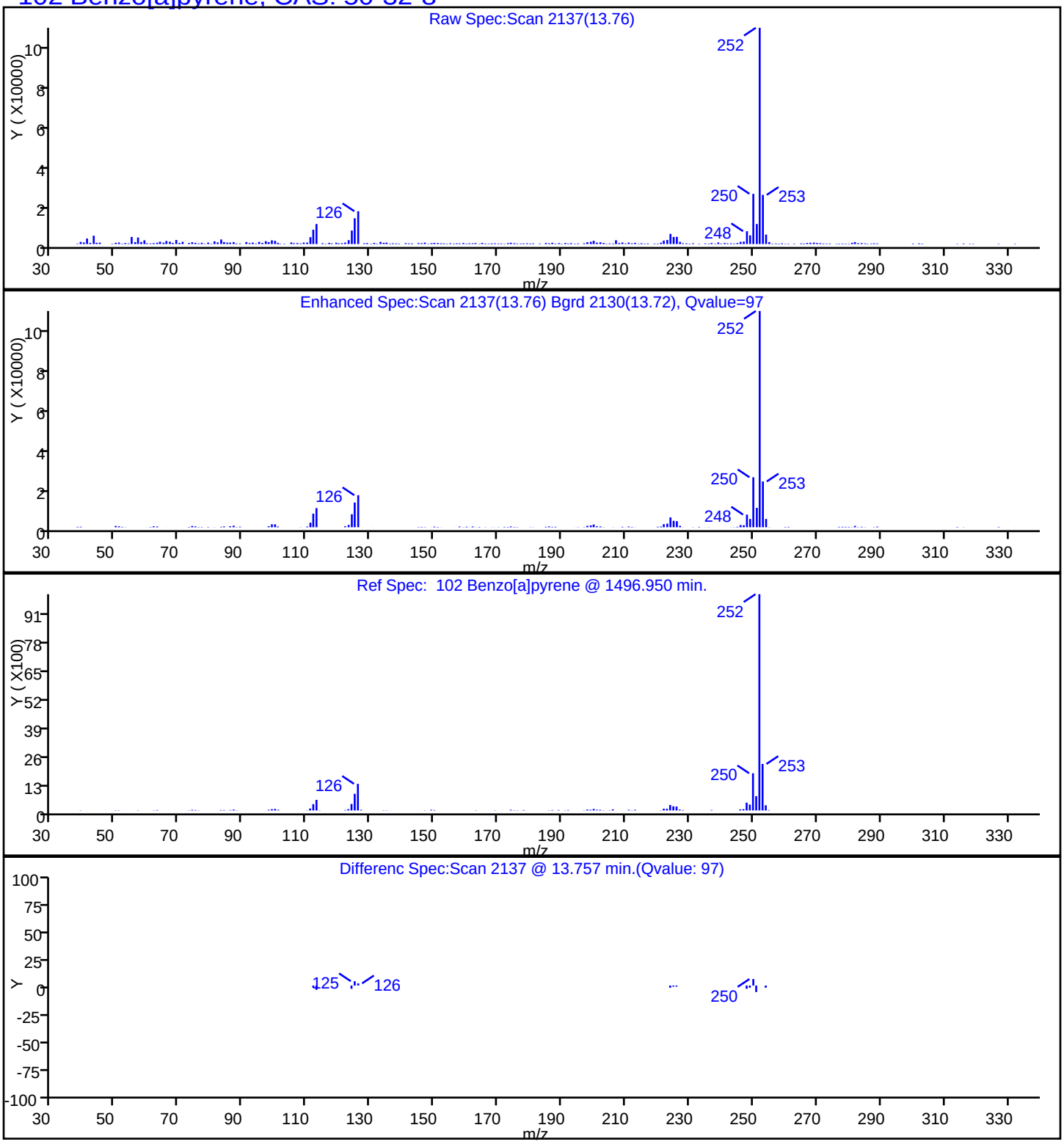


Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8



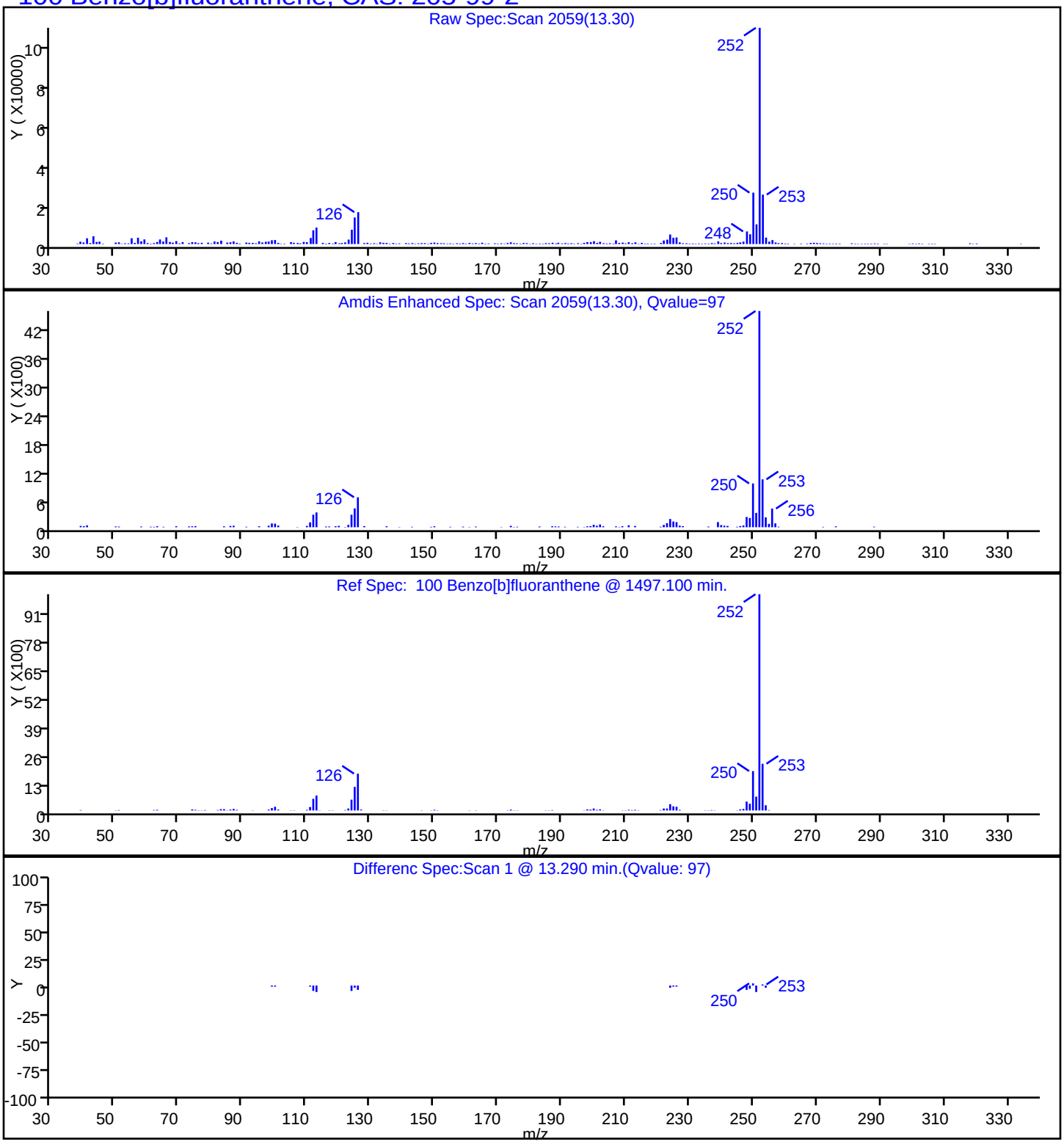
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



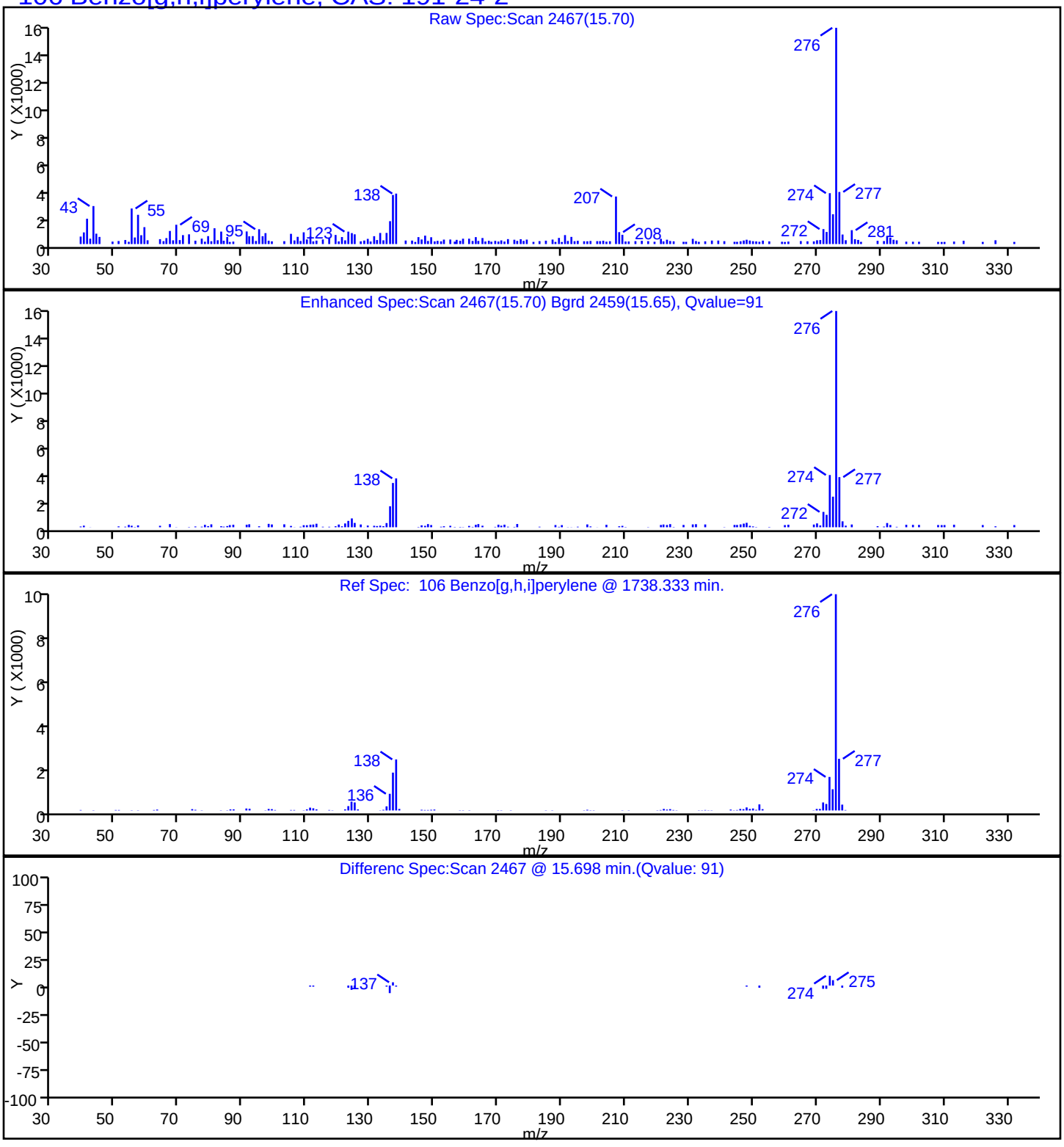
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2



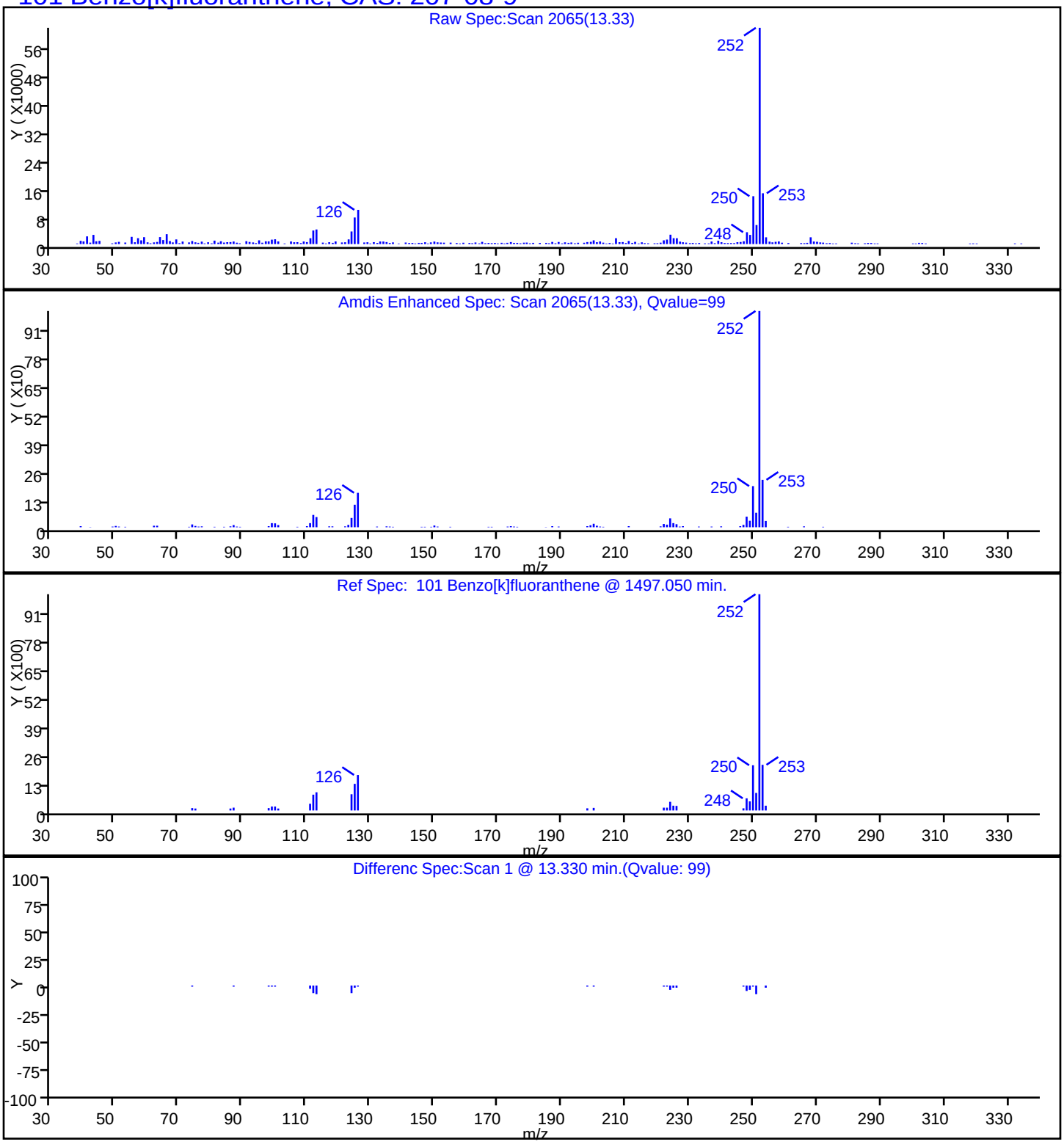
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



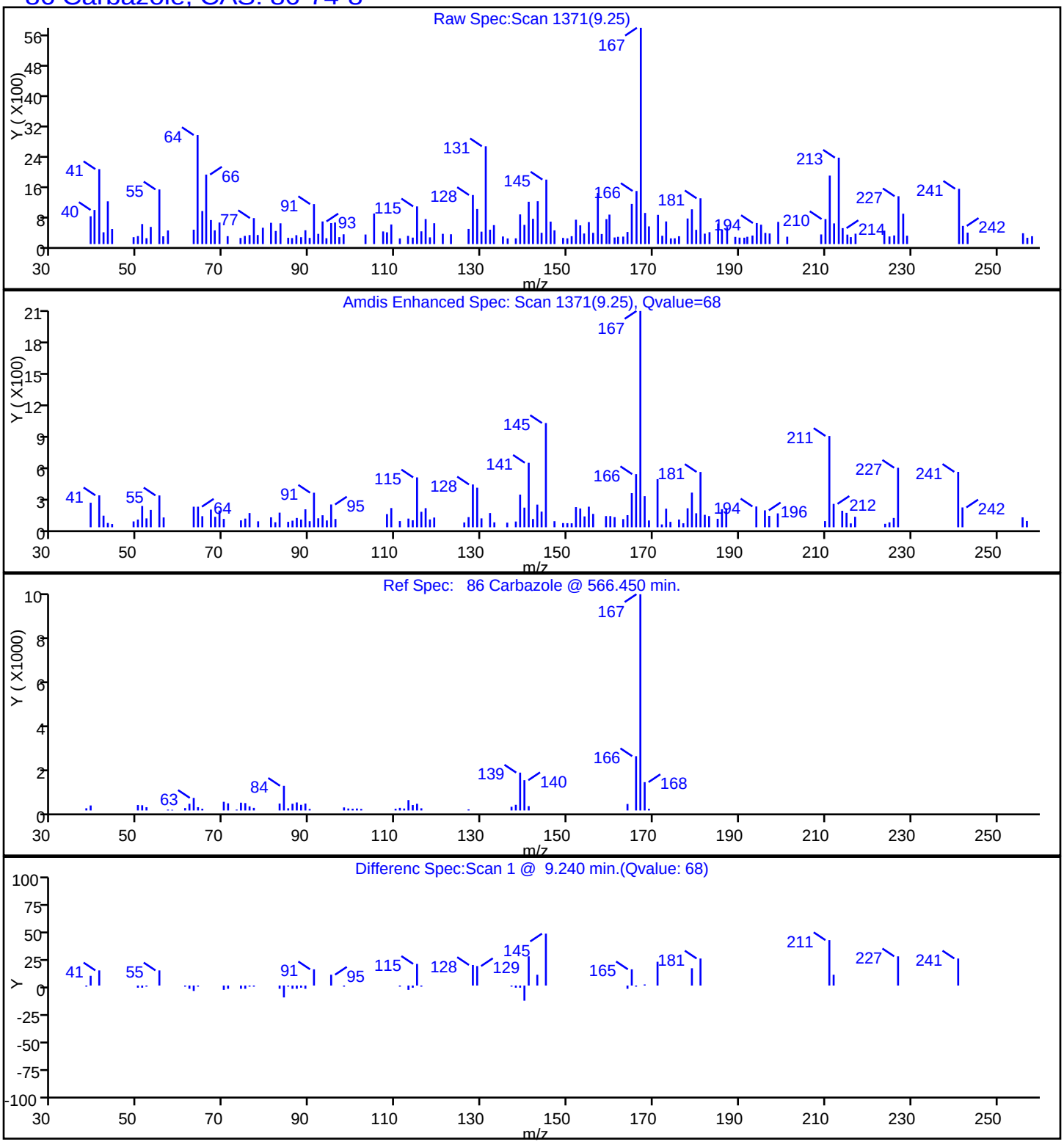
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



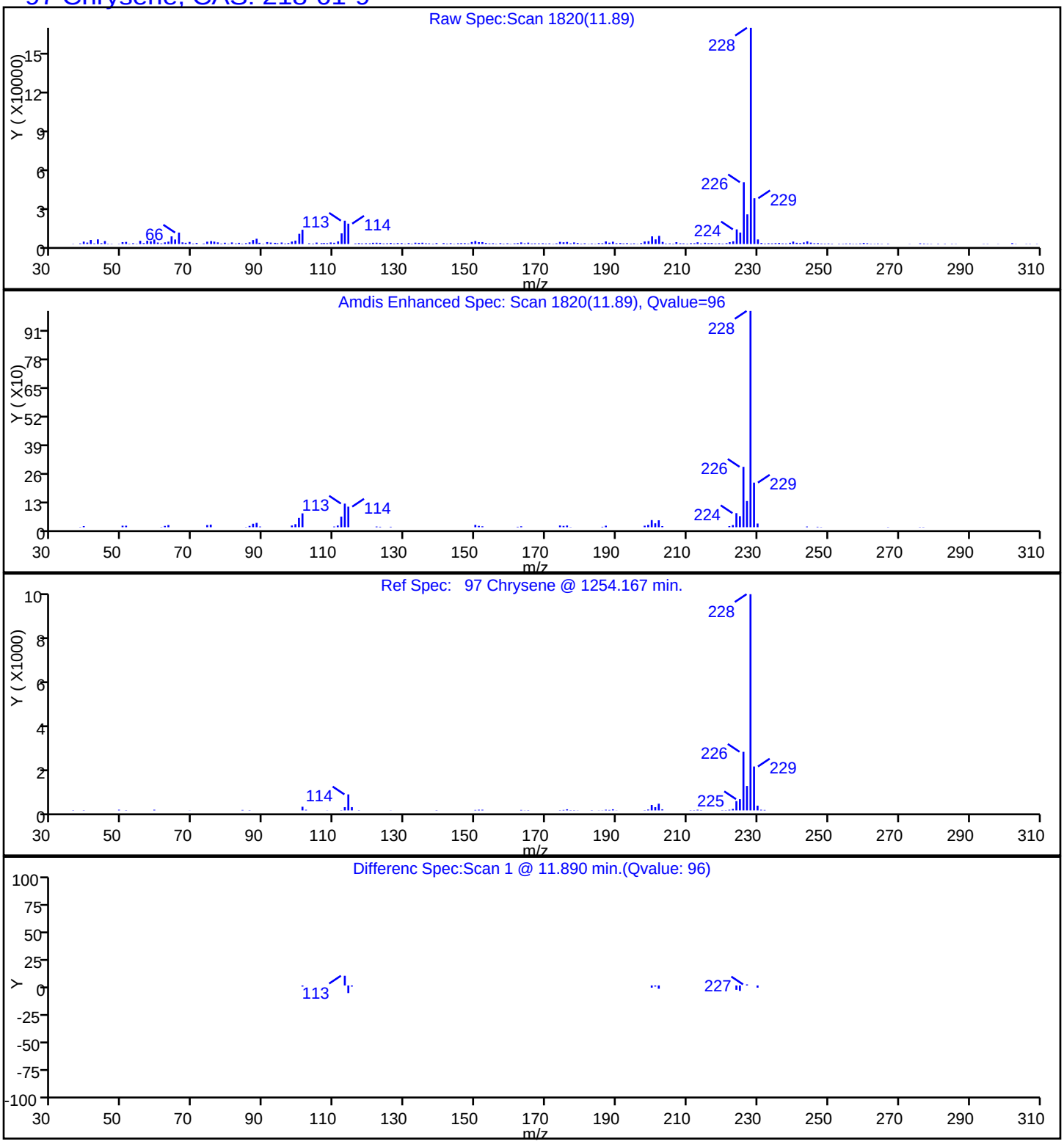
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9

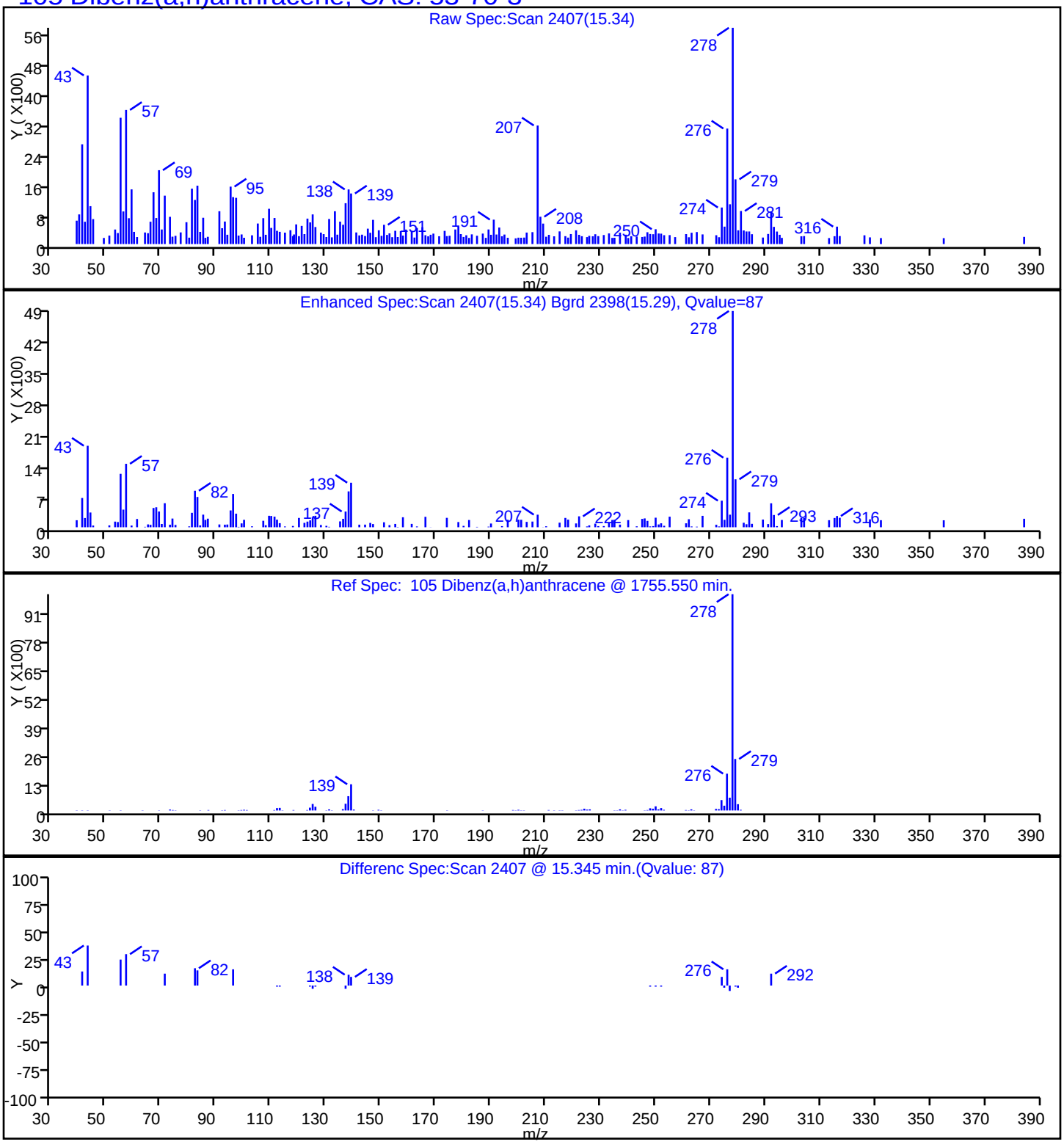


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TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



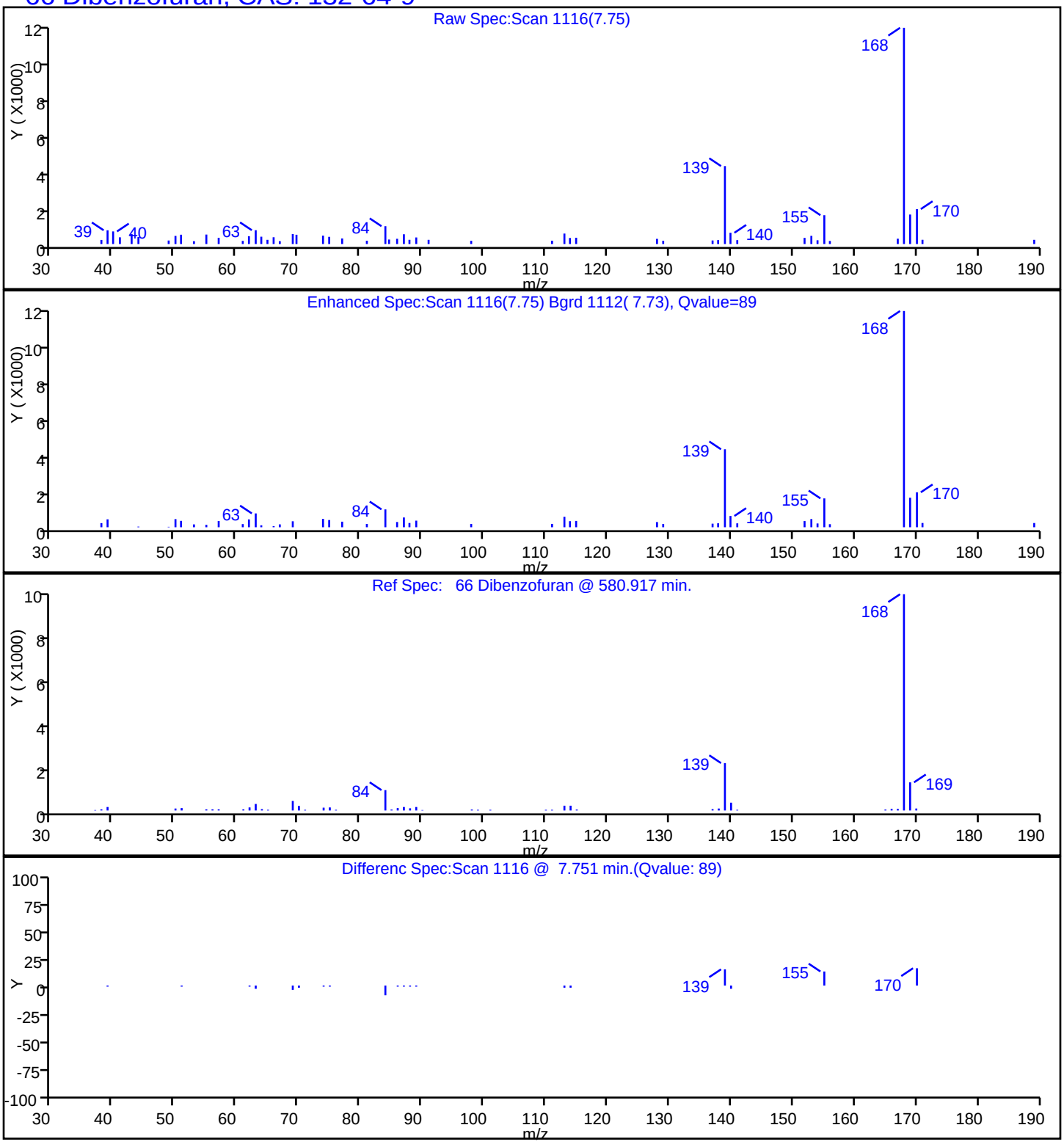
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TestAmerica Edison

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Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



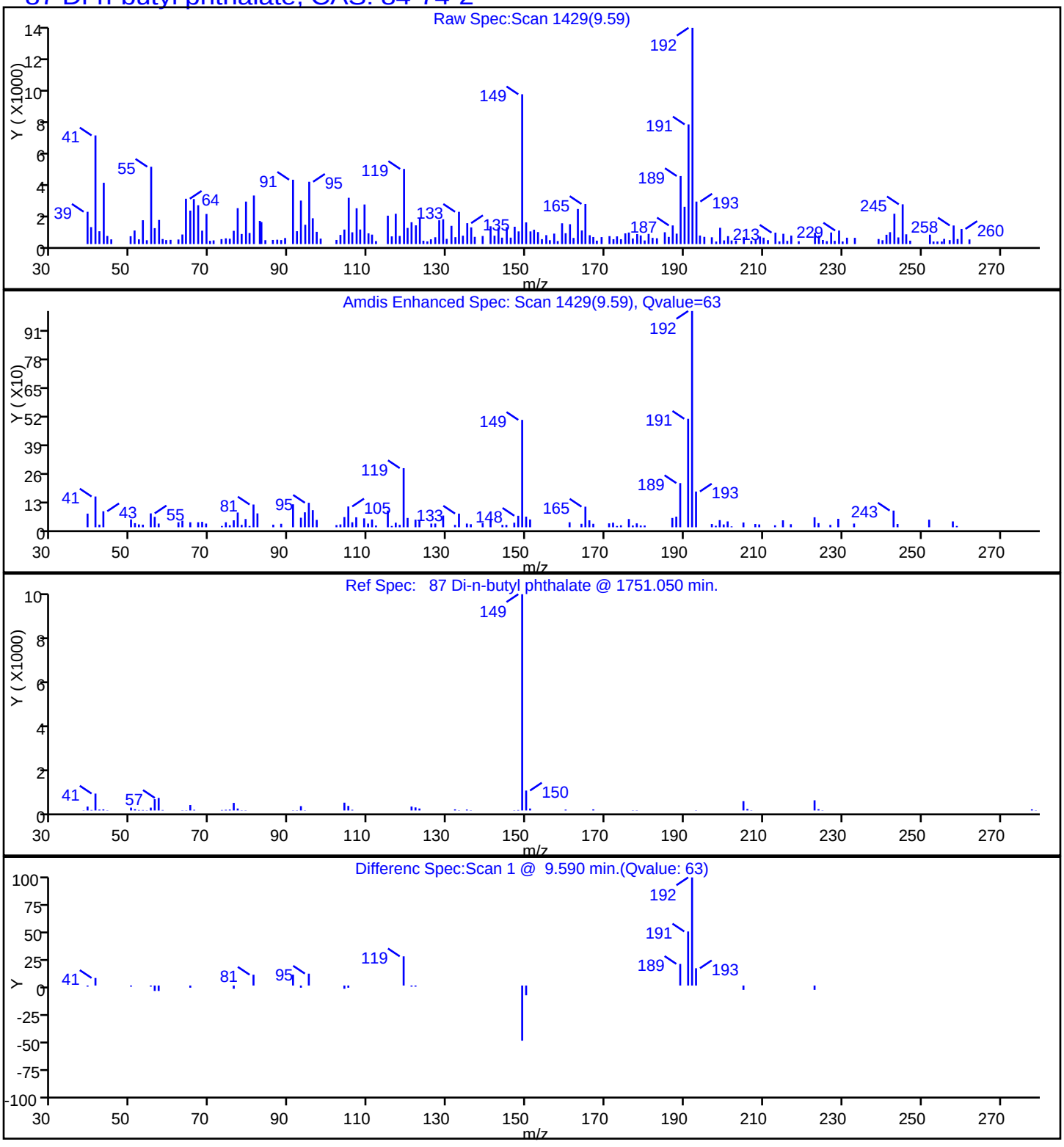
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TestAmerica Edison

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Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Di-n-butyl phthalate, CAS: 84-74-2

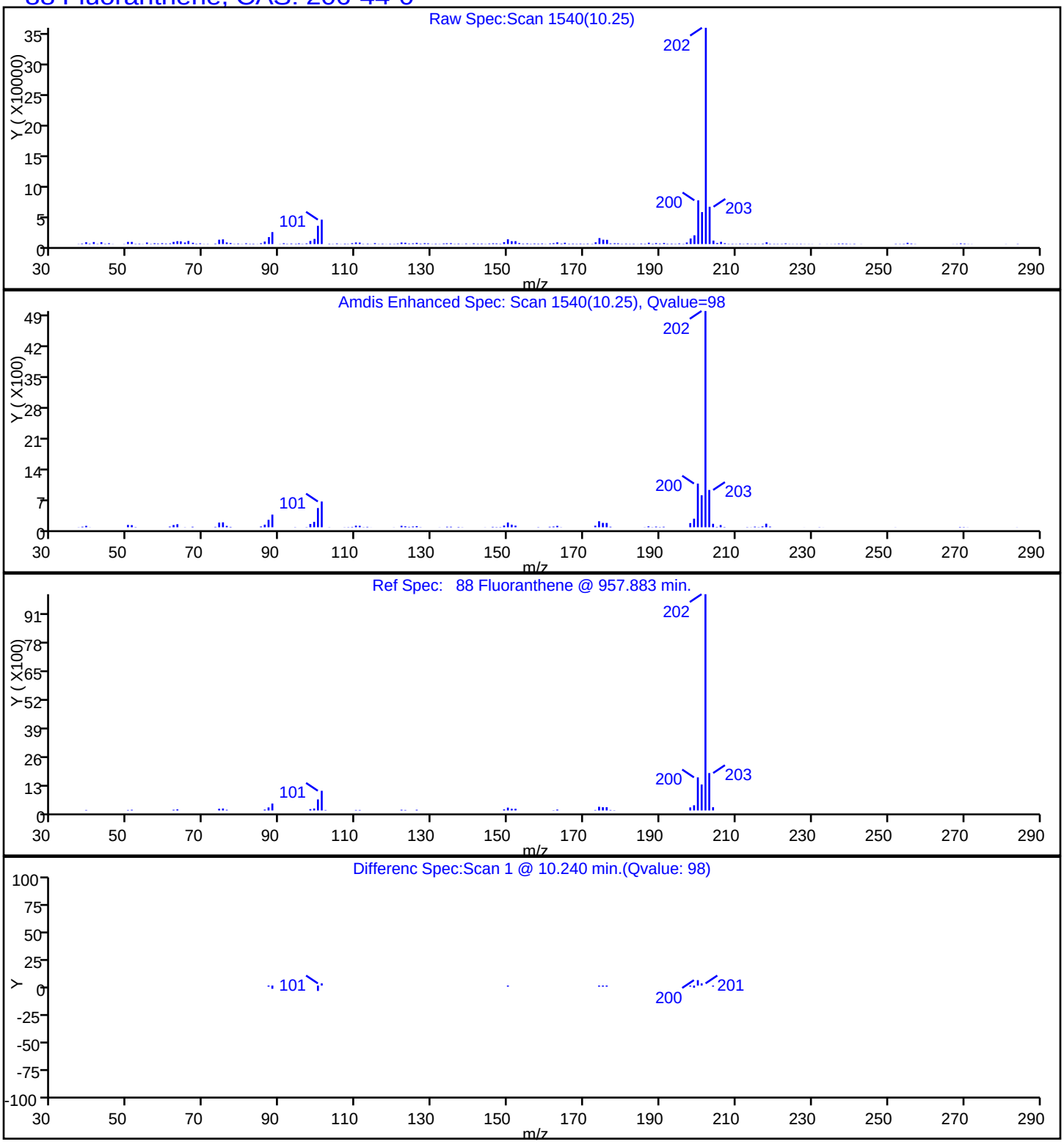


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TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0

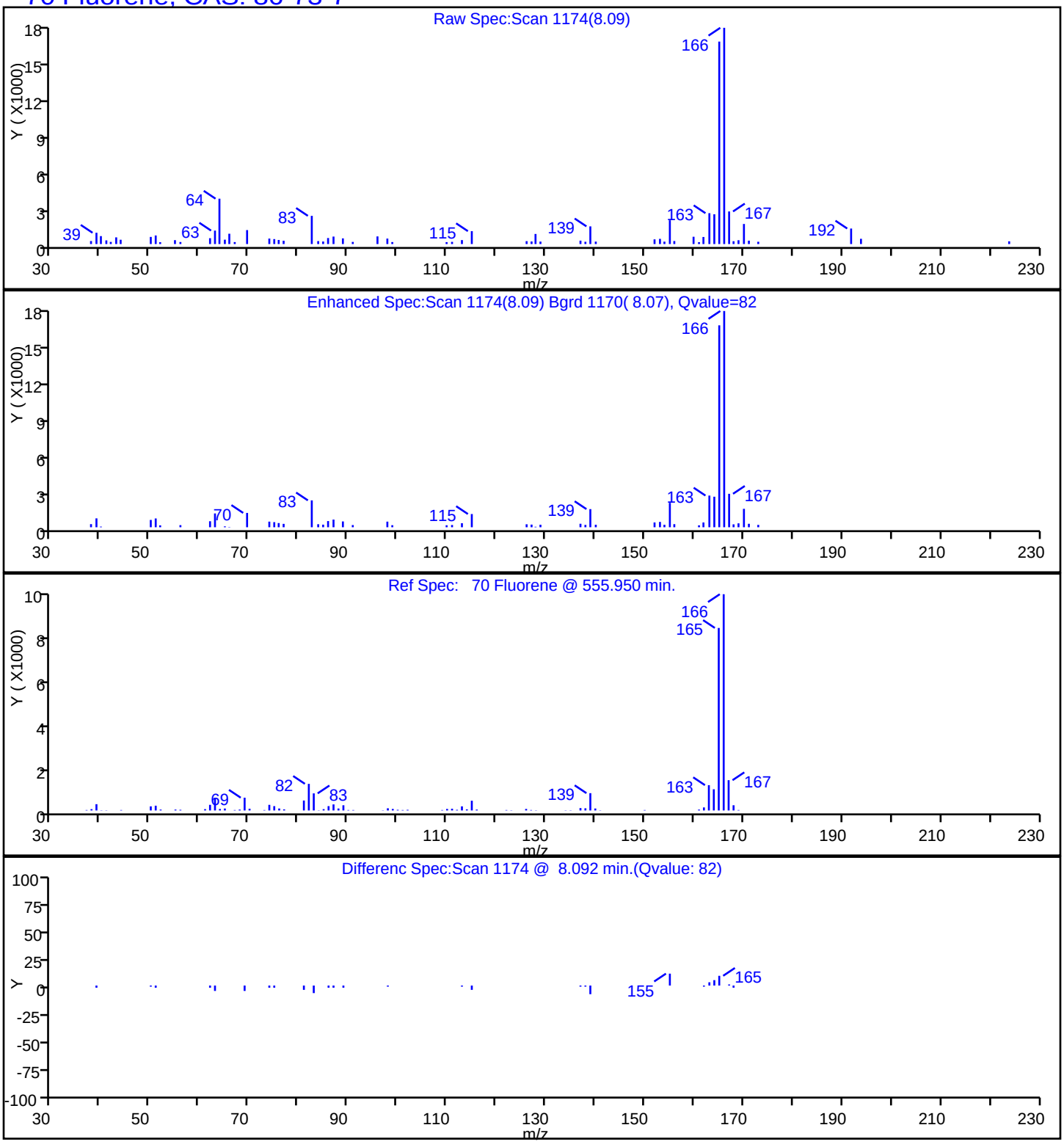


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TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



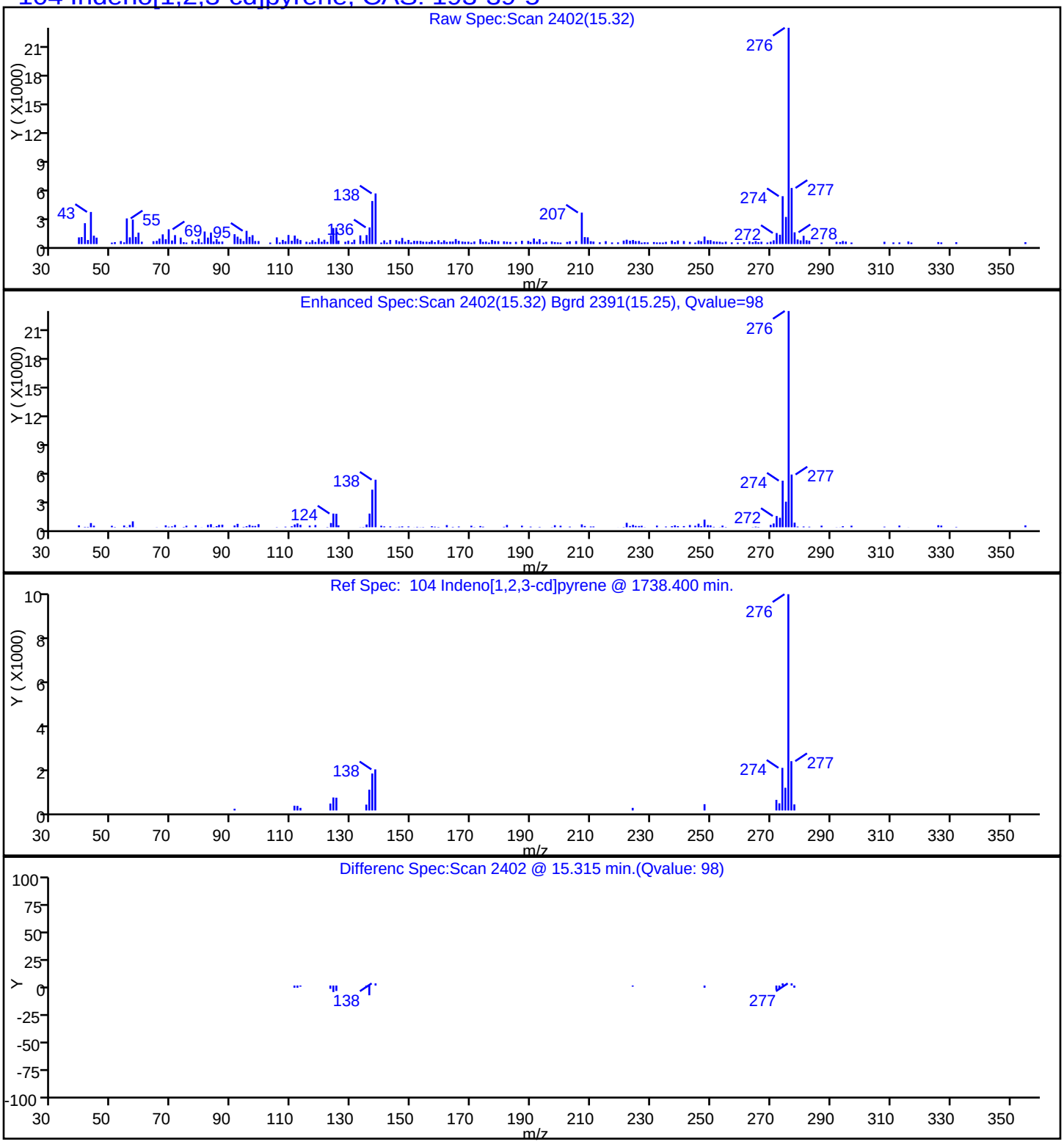
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



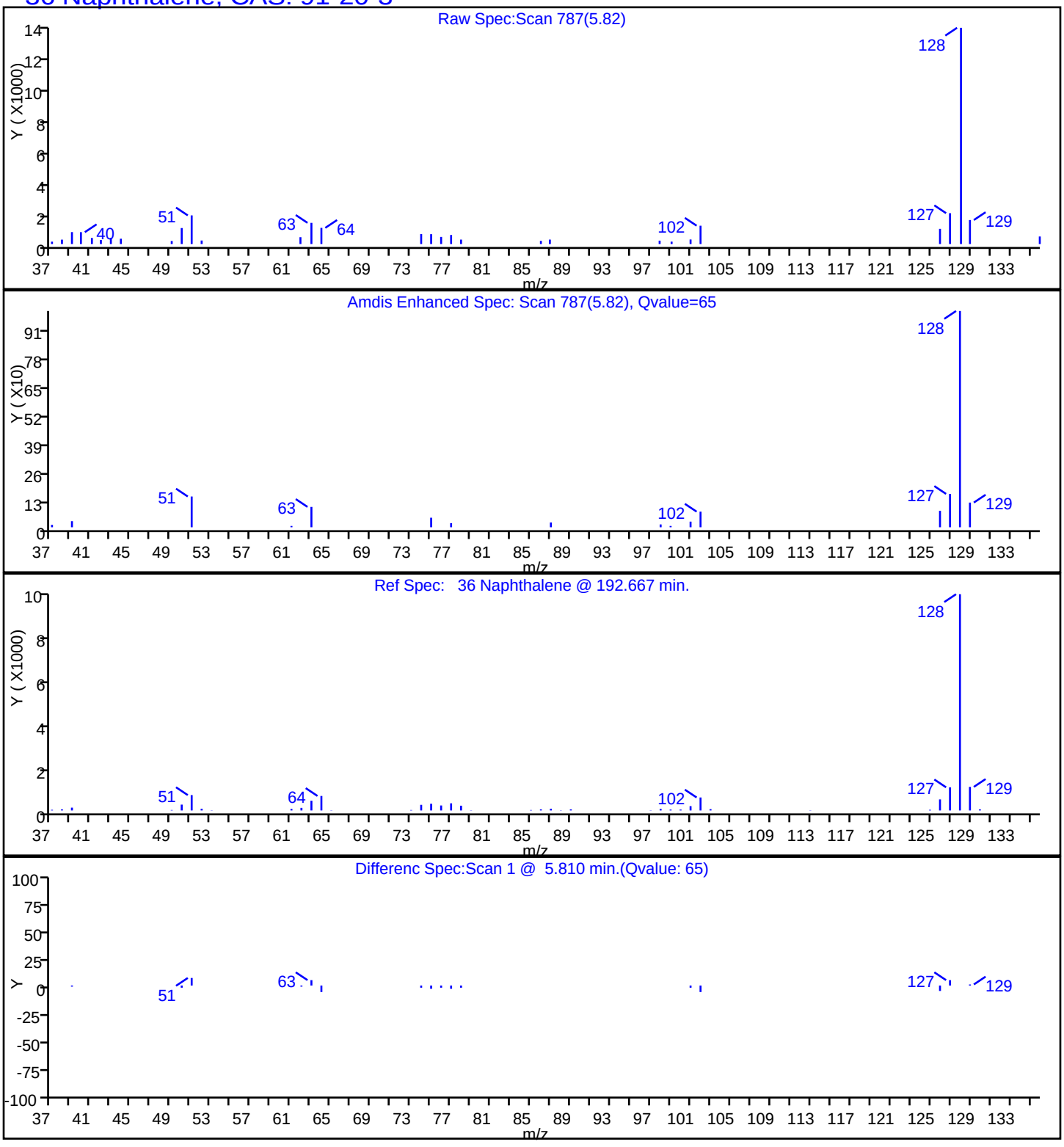
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



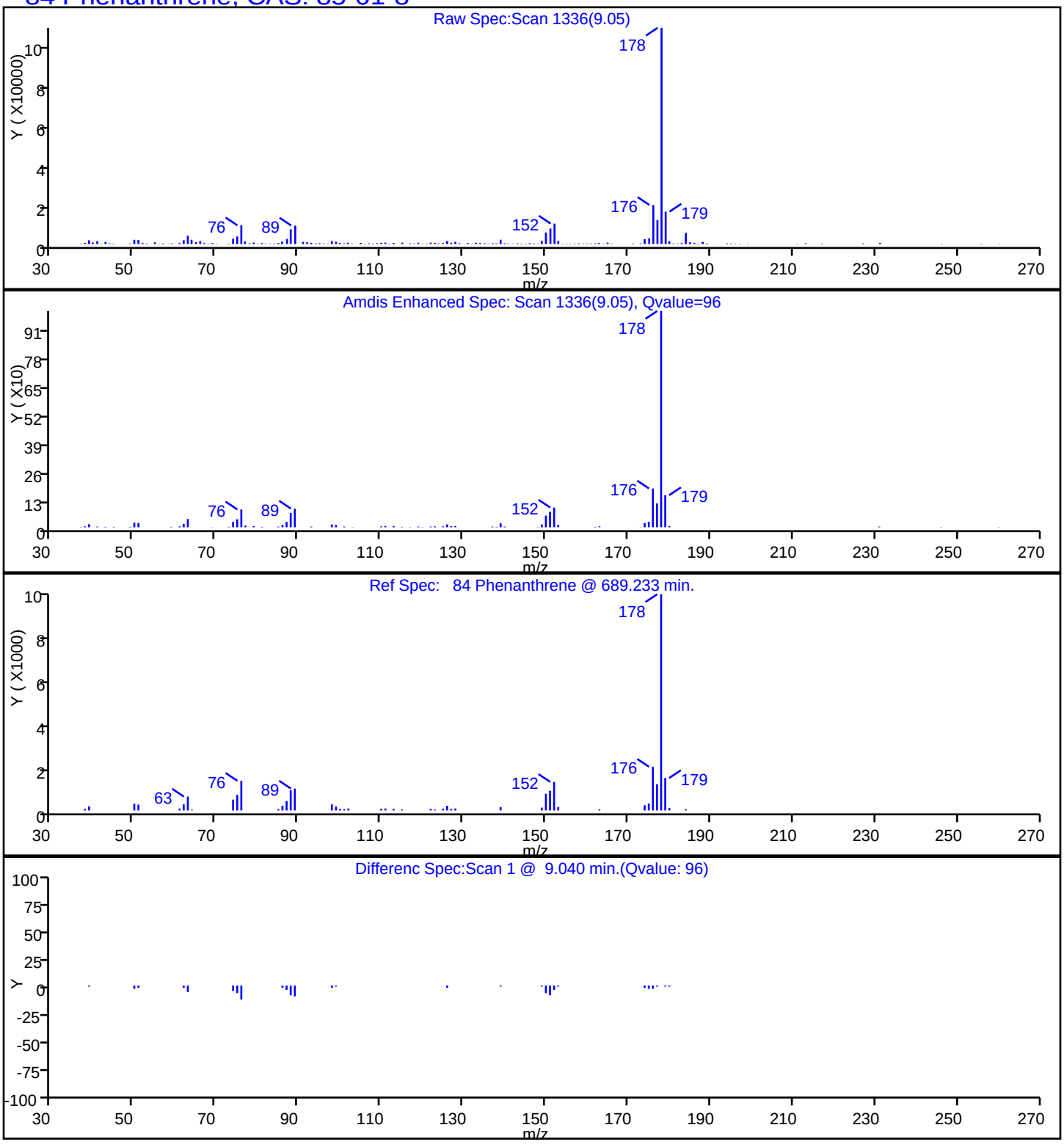
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TestAmerica Edison

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Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
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Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



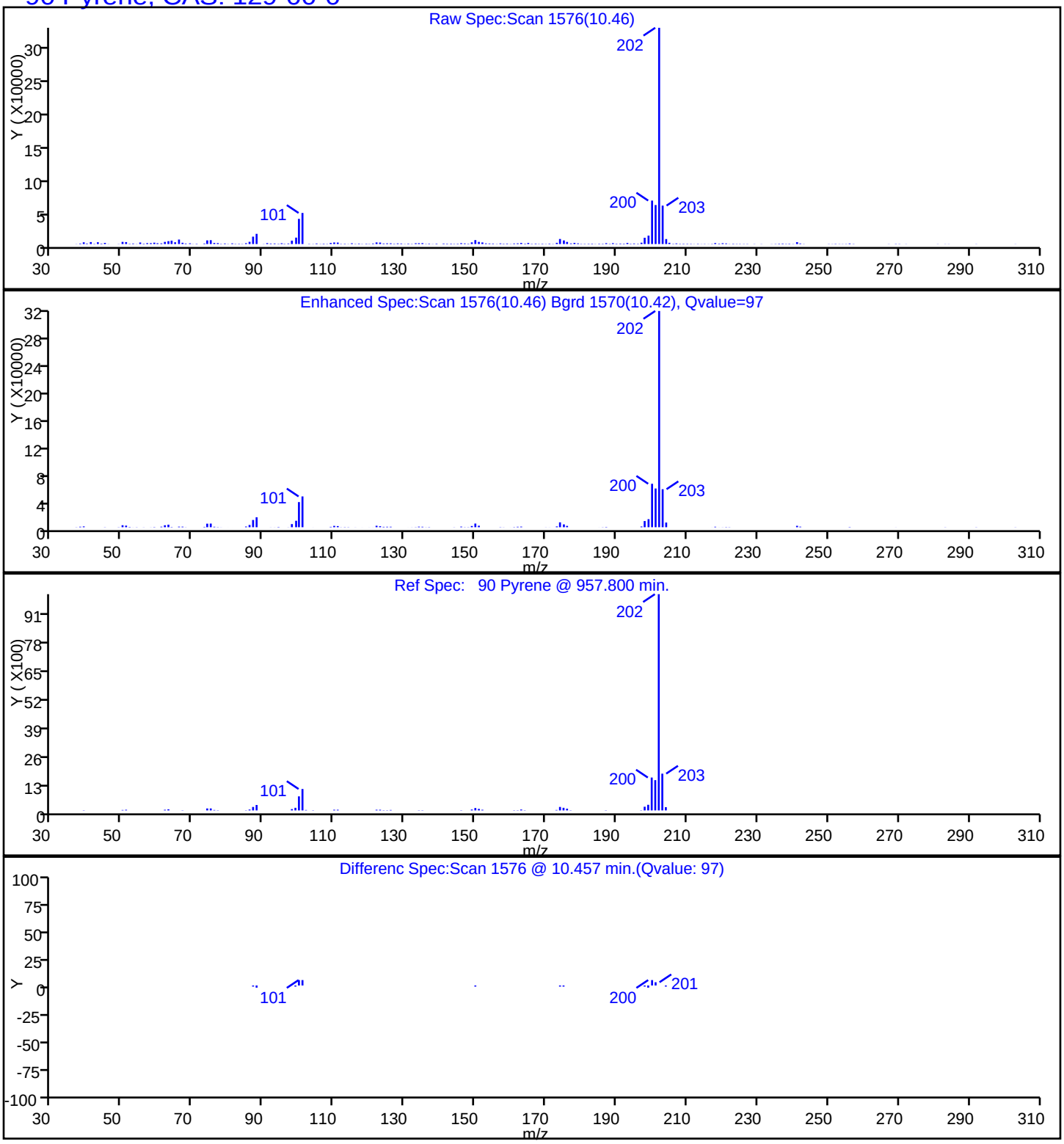
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

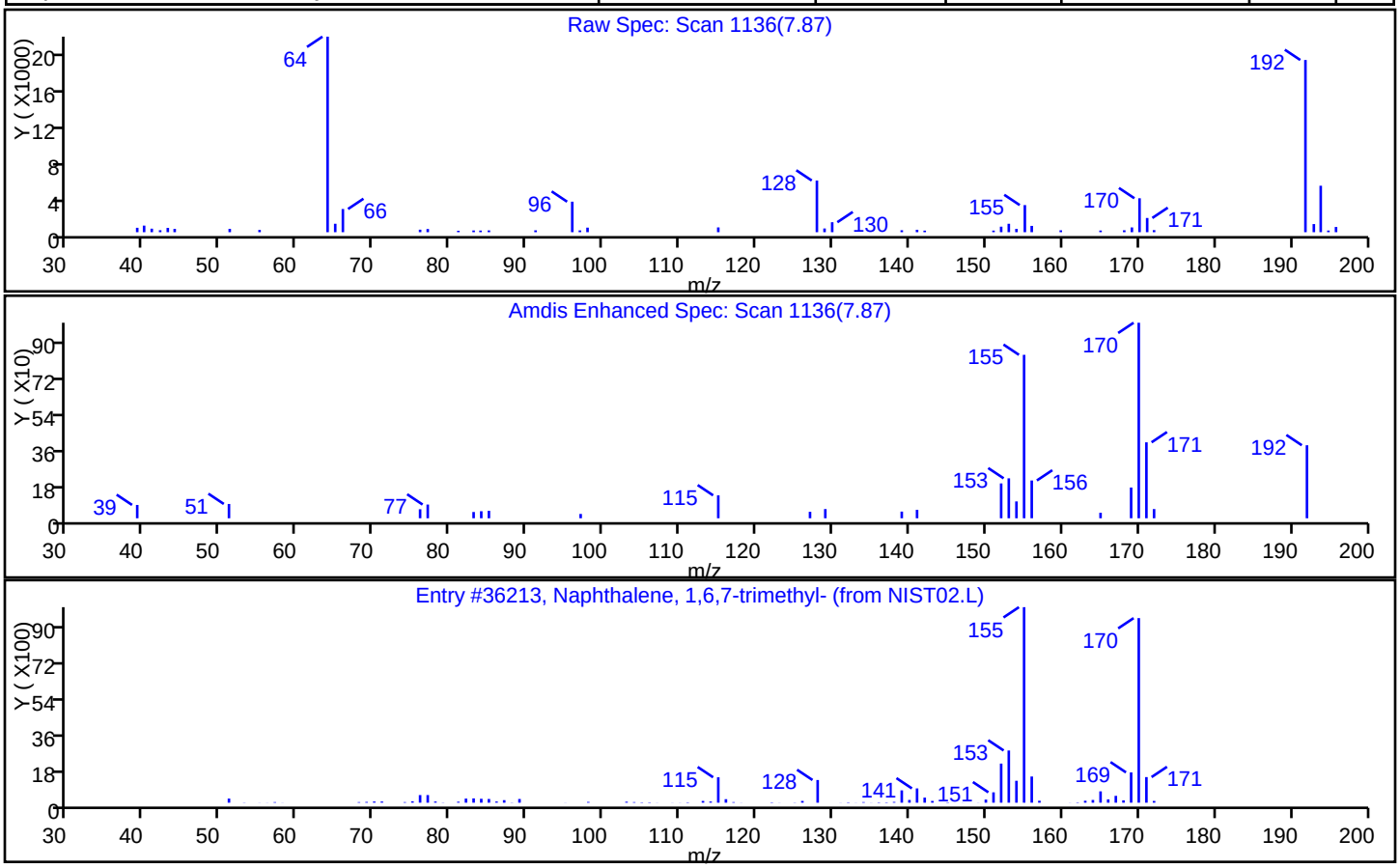
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

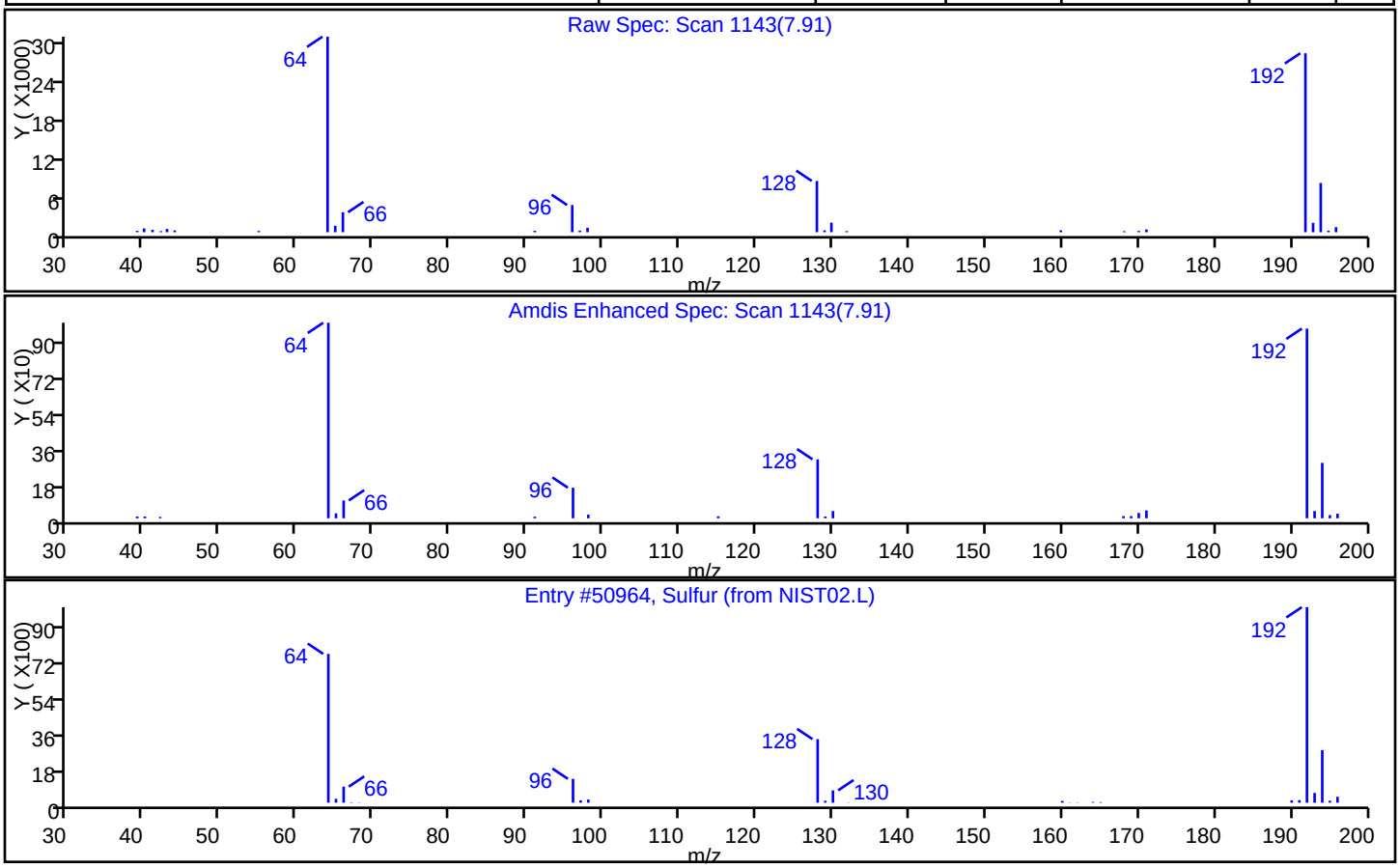
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Sulfur	13798-23-7	NIST02	50964	S6	192	91



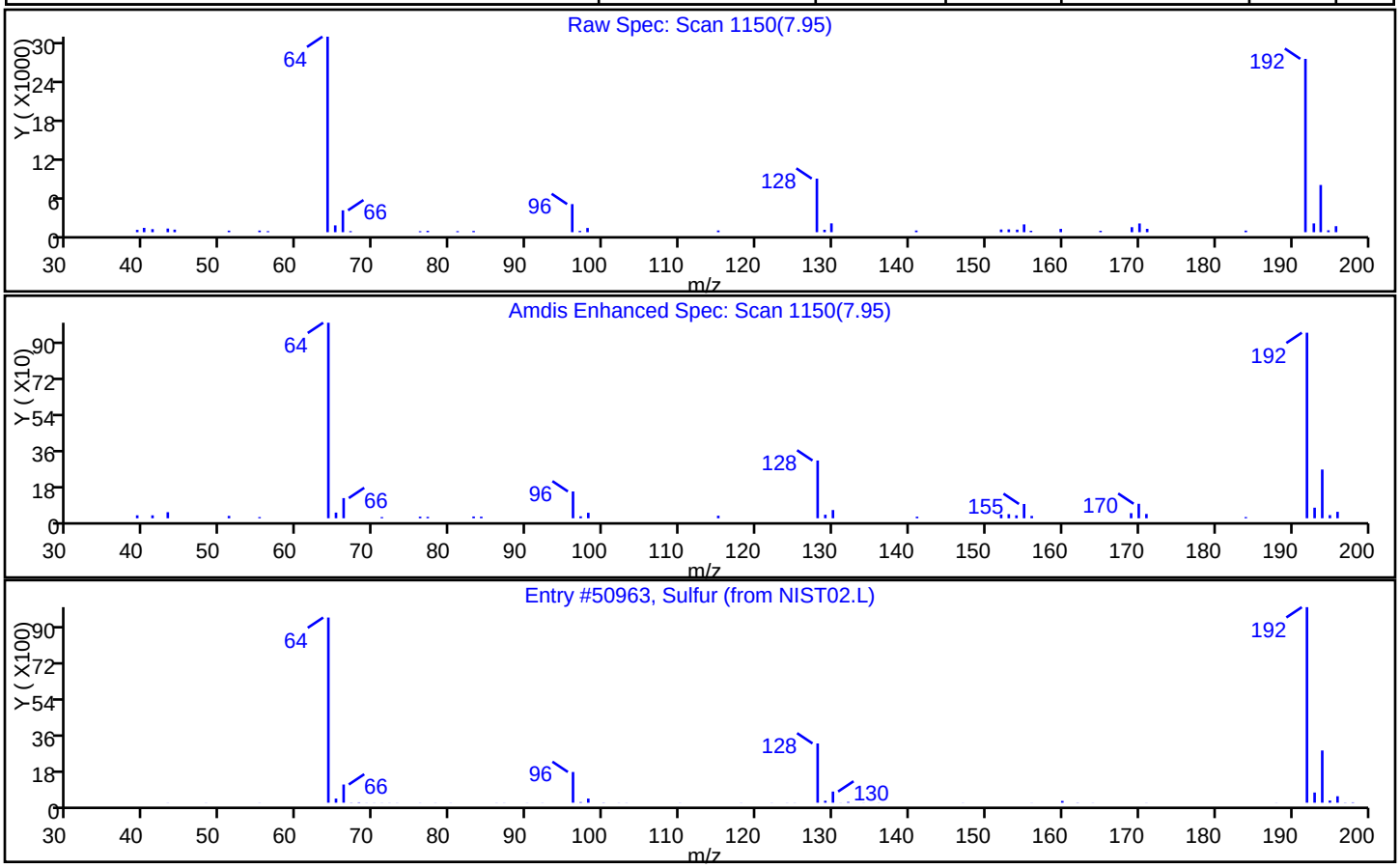
Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Sulfur	13798-23-7	NIST02	50963	S6	192	97



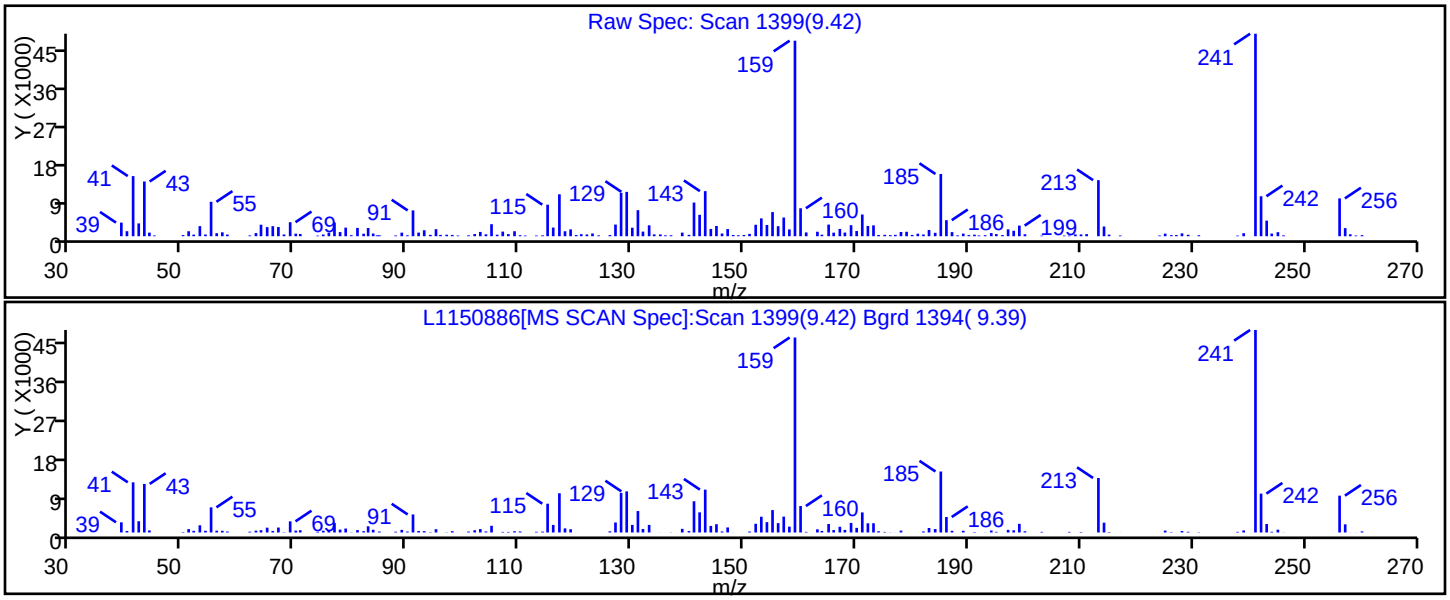
Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

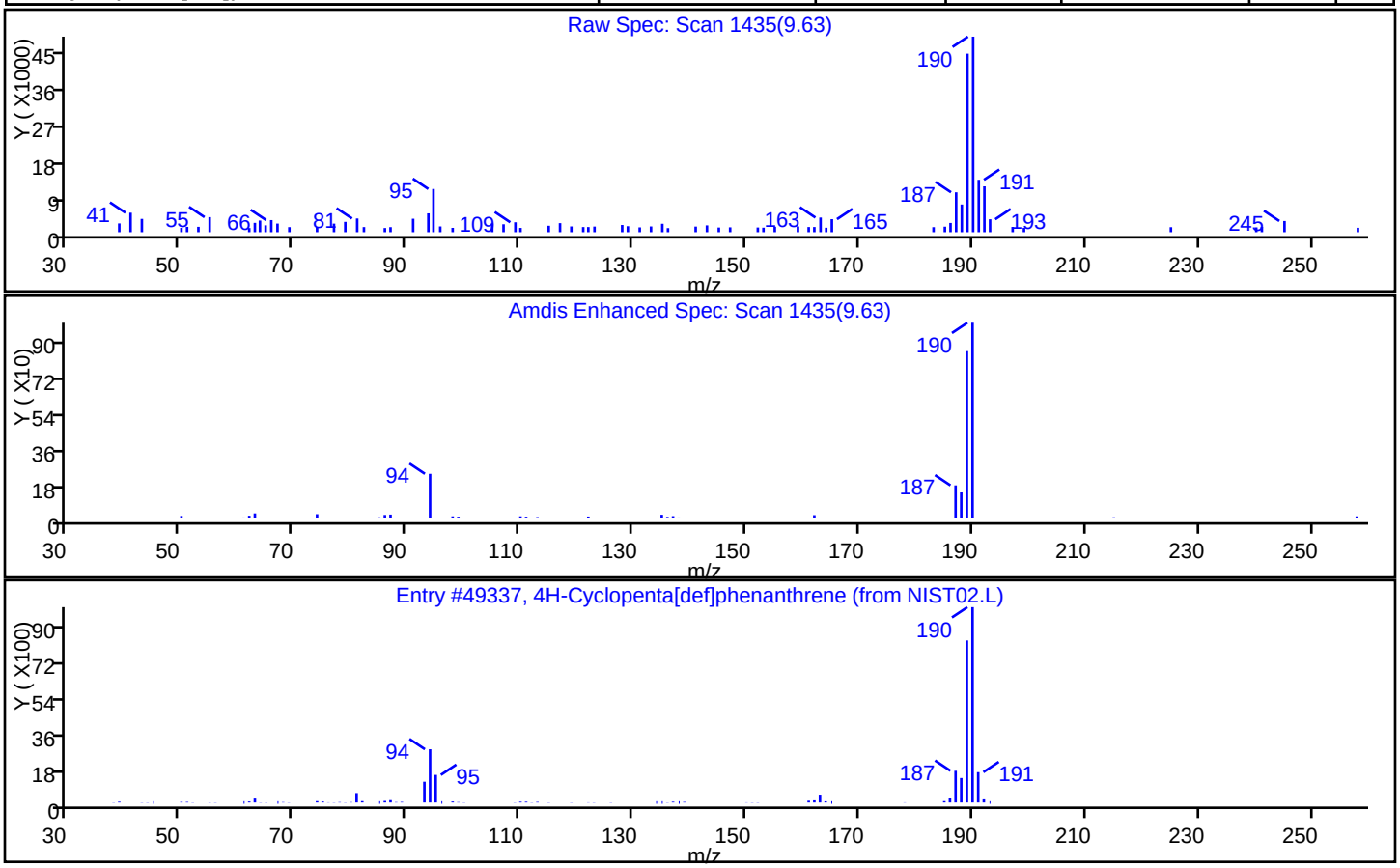
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02	49337	C15H10	190	91



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

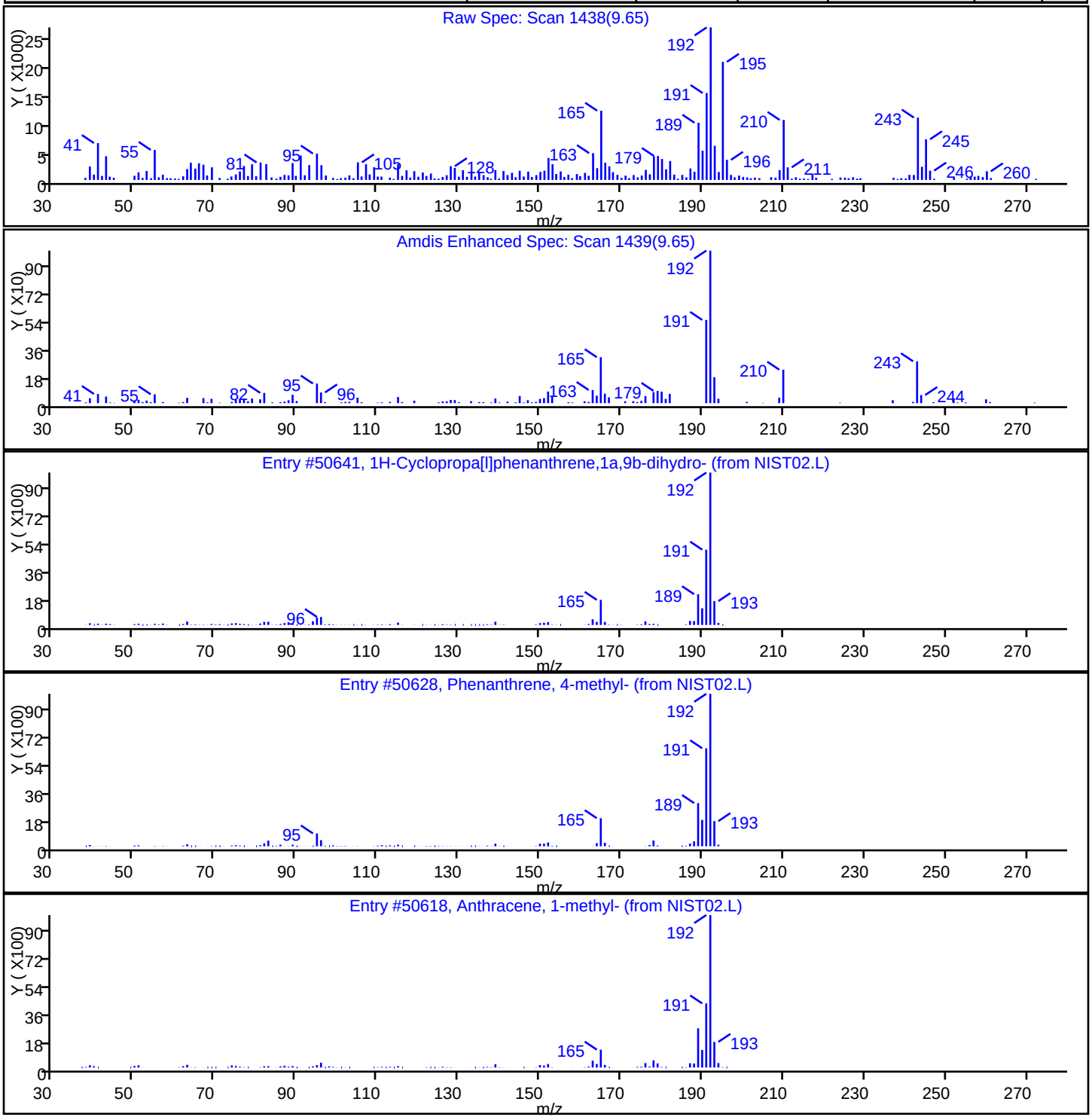
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02	50641	C15H12	192	89
Phenanthrene, 4-methyl-	832-64-4	NIST02.L	50628	C15H12	192	89
Anthracene, 1-methyl-	610-48-0	NIST02.L	50618	C15H12	192	86



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

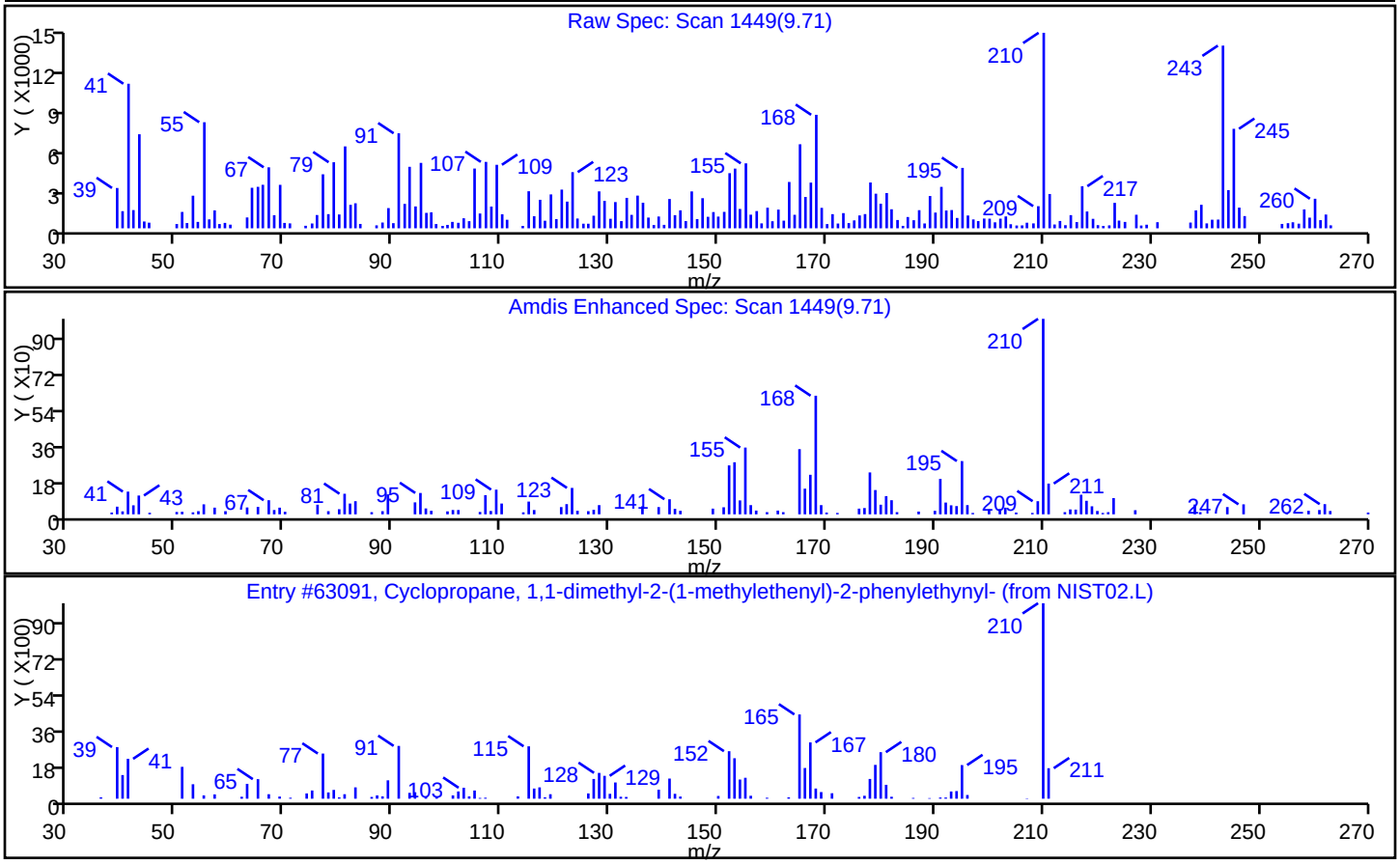
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopropane, 1,1-dimethyl-2-(1-methylet	1000268-54-1	NIST02	63091	C16H18	210	83

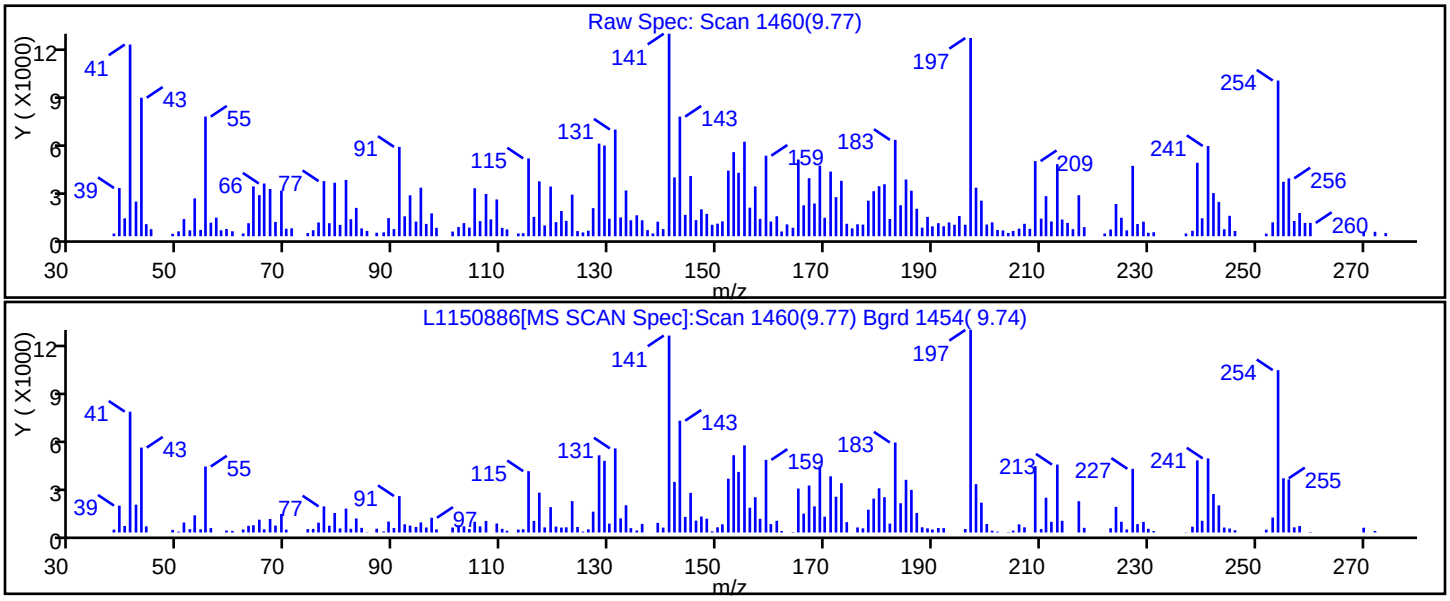


Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



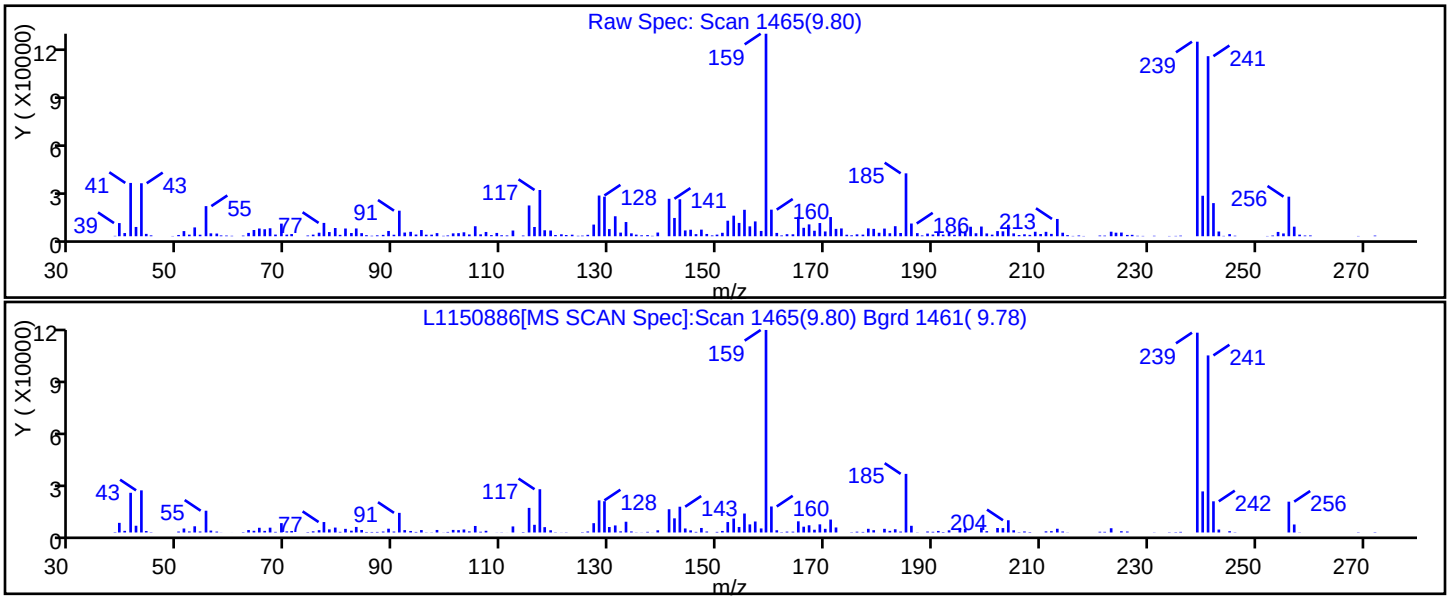
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

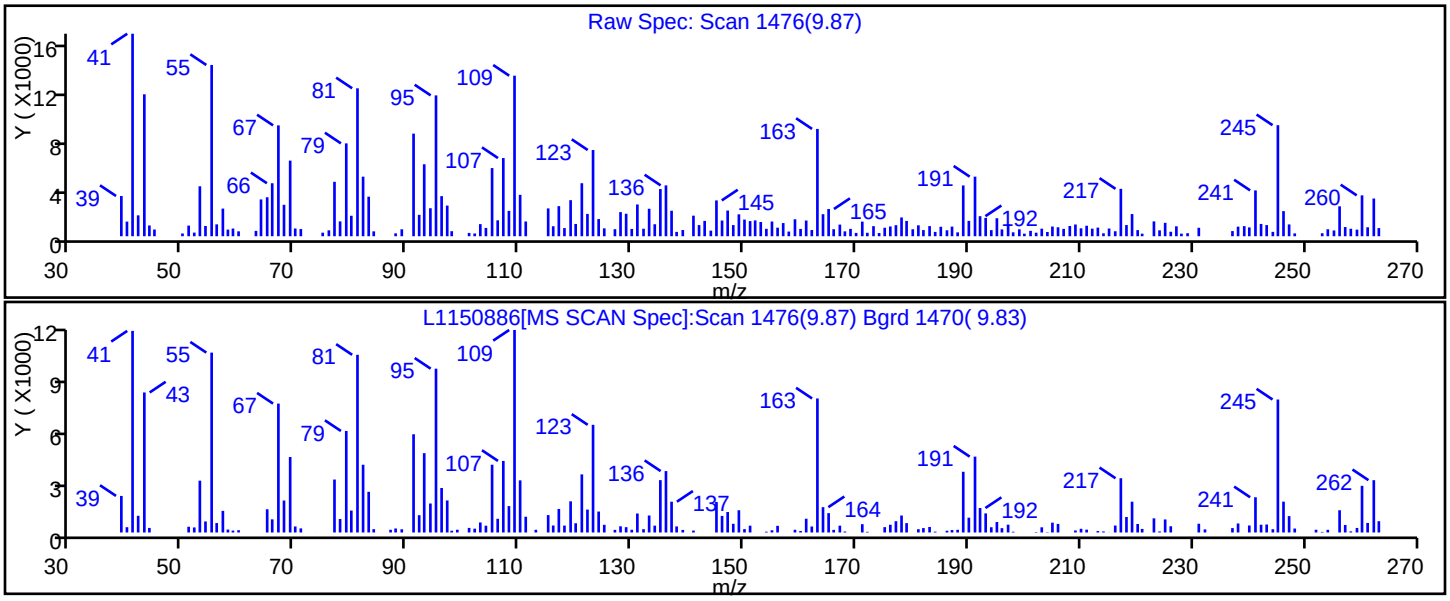


Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



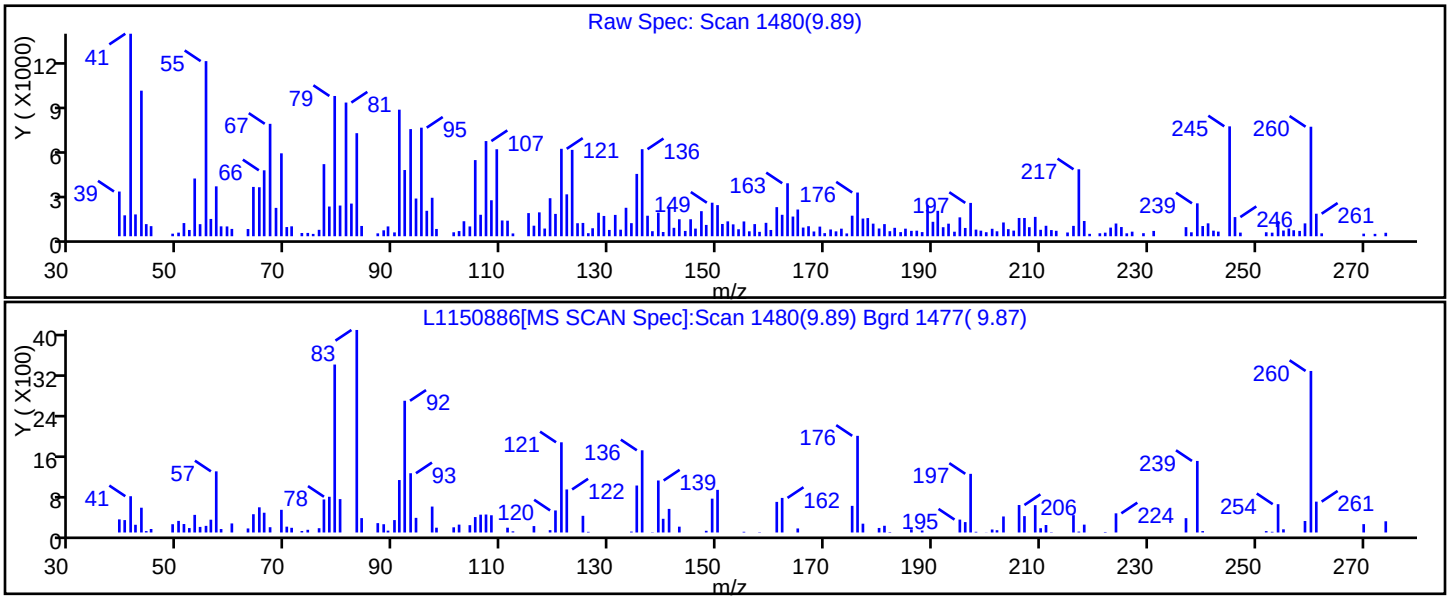
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

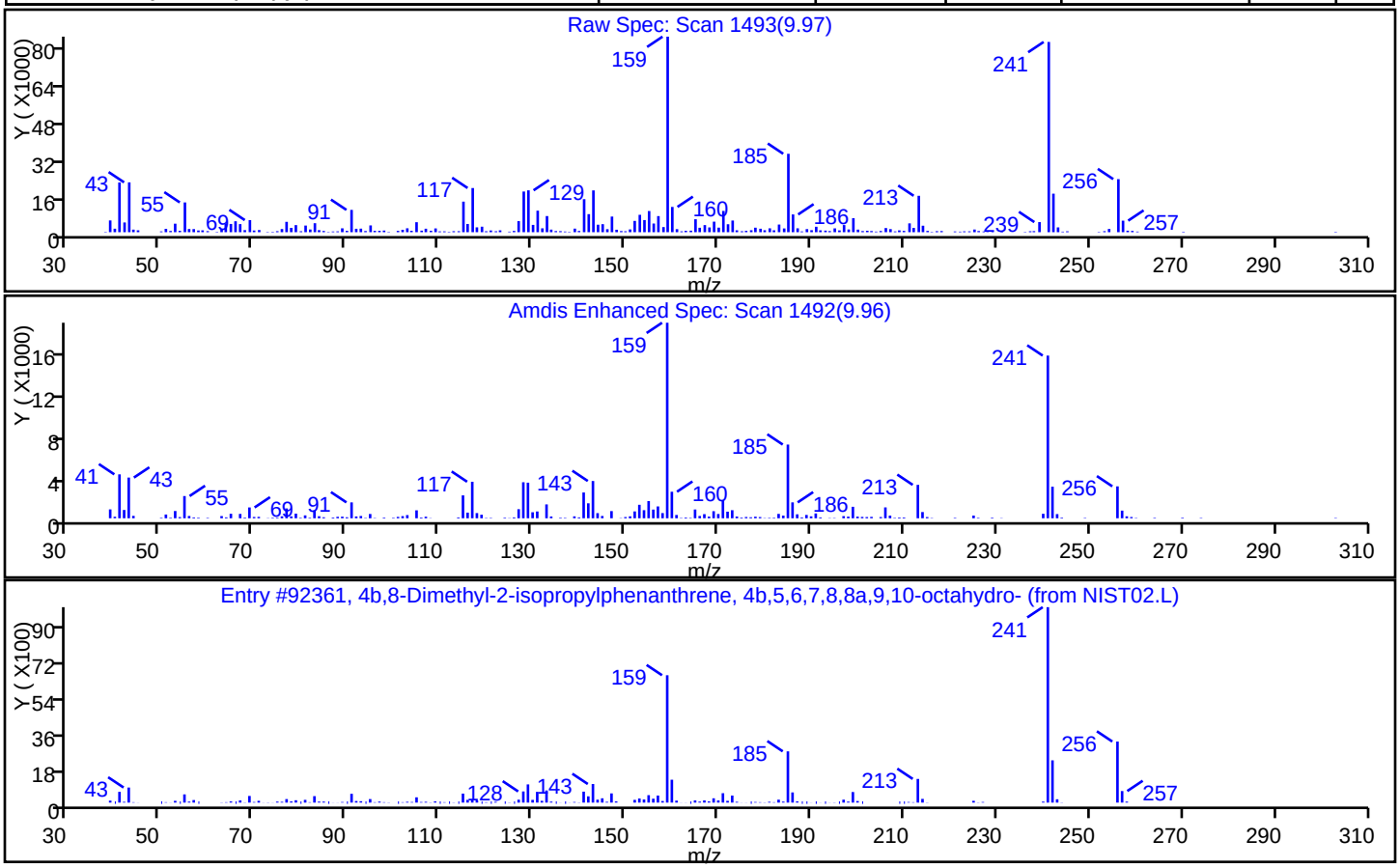
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
4b,8-Dimethyl-2-isopropylphenanthrene, 4	1000197-14-1	NIST02	92361	C19H28	256	93



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

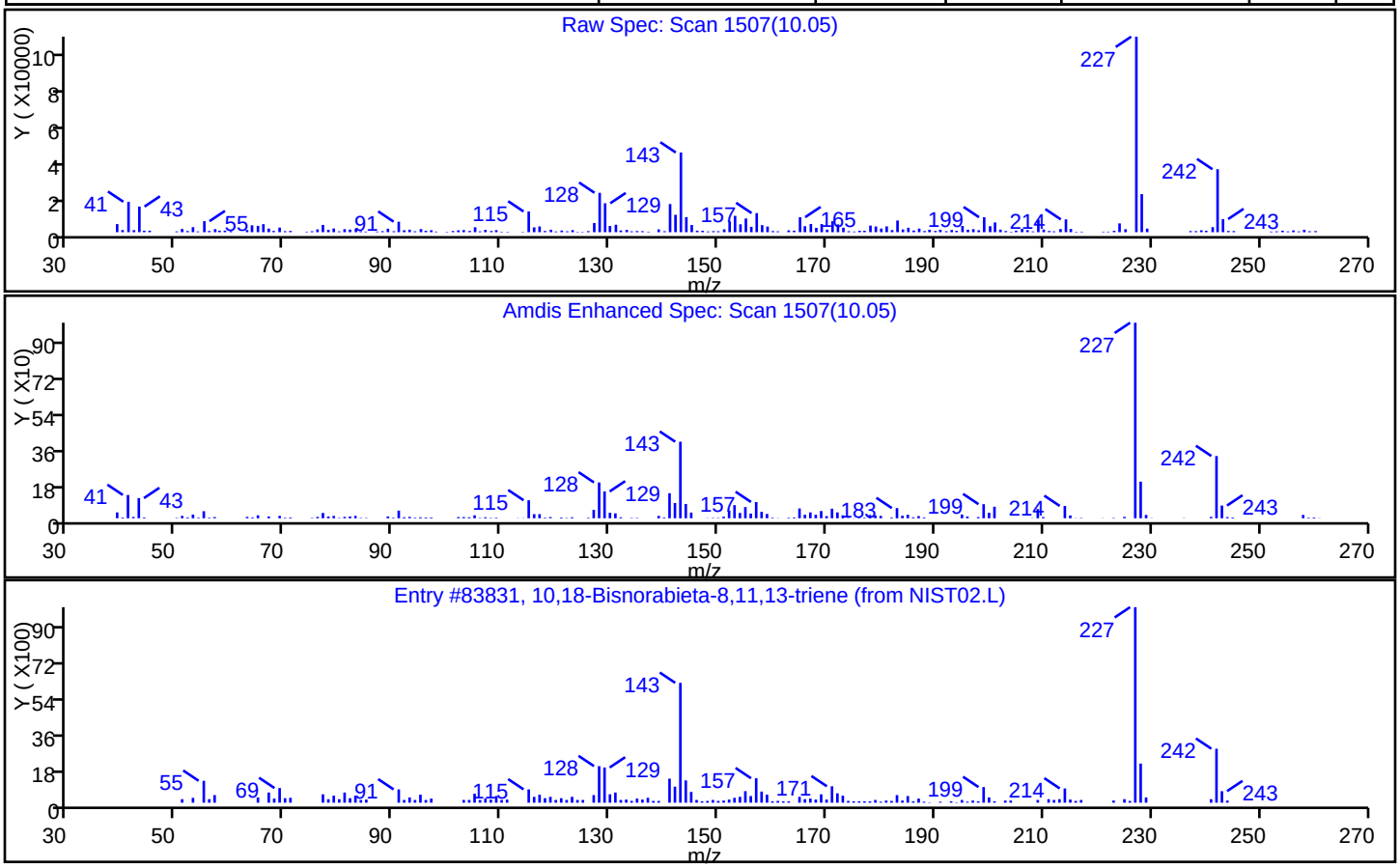
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
10,18-Bisnorabieta-8,11,13-triene	32624-67-2	NIST02	83831	C18H26	242	97

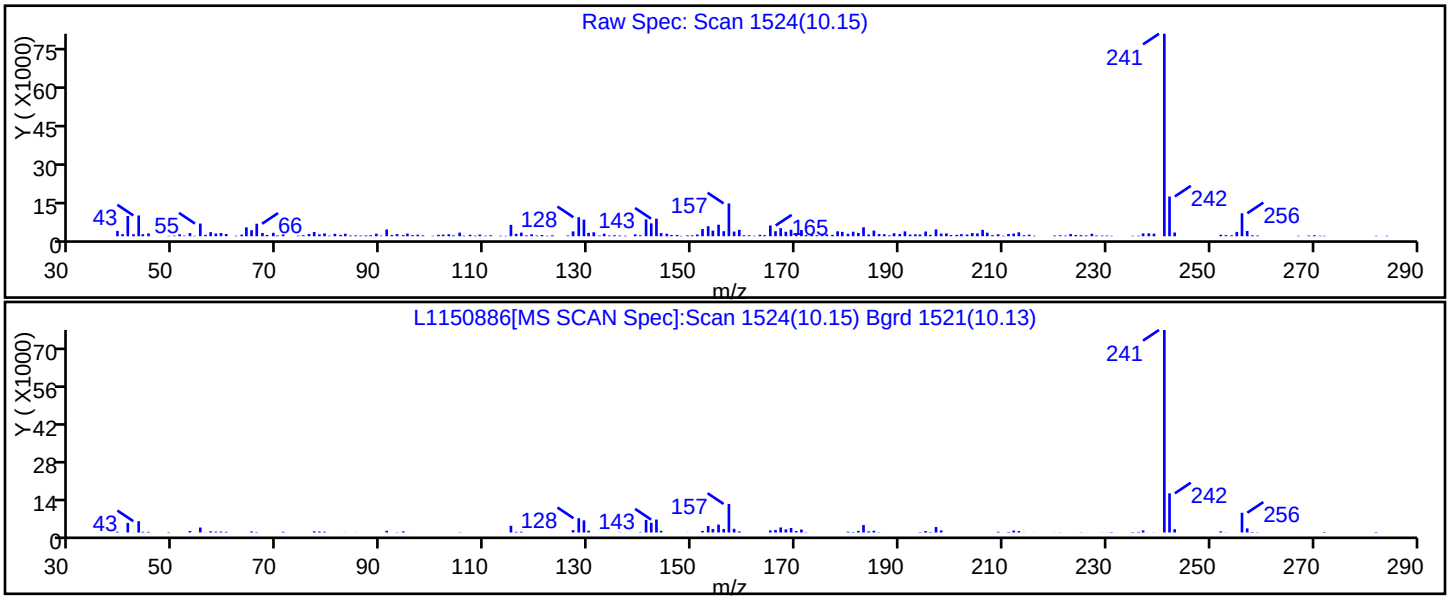


Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D				
Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

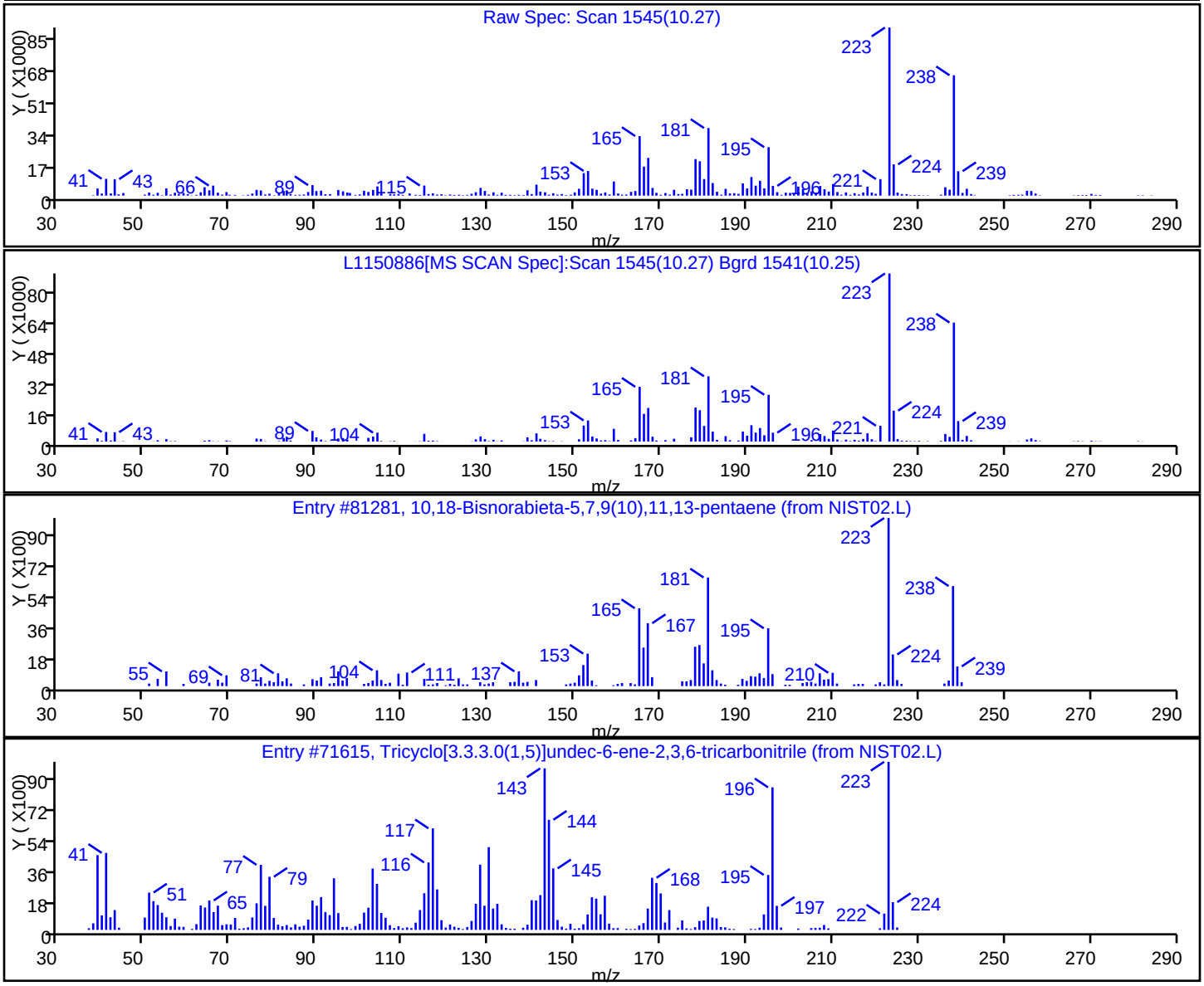
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
10,18-Bisnorabieta-5,7,9(10),11,13-penta	6566-19-4	NIST02	81281	C18H22	238	98
Tricyclo[3.3.3.0(1,5)]undec-6-ene-2,3,6-	118894-71-6	NIST02.L	71615	C14H13N3	223	93



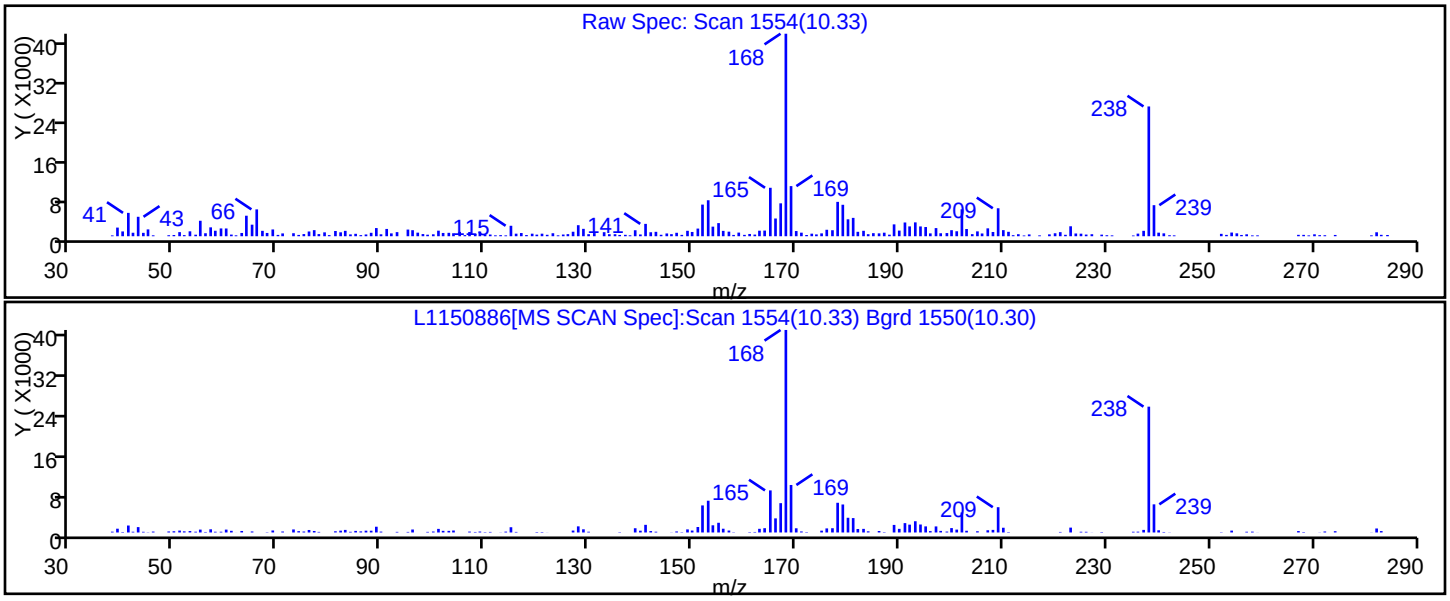
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



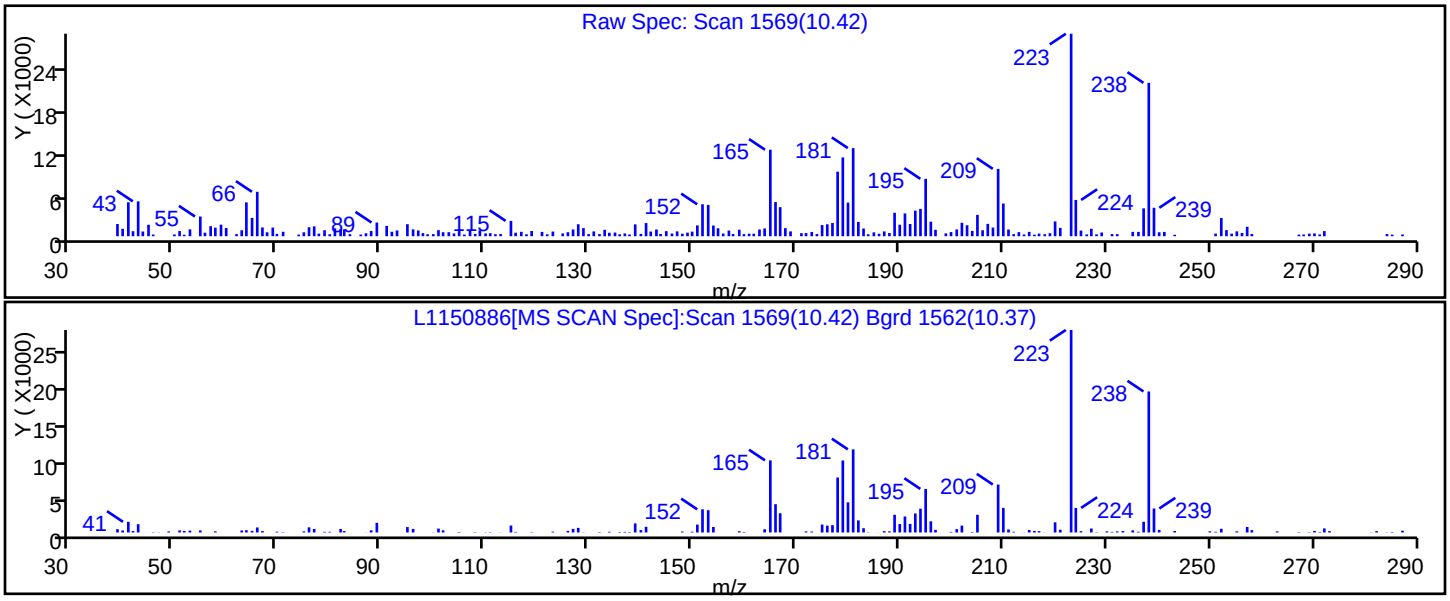
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



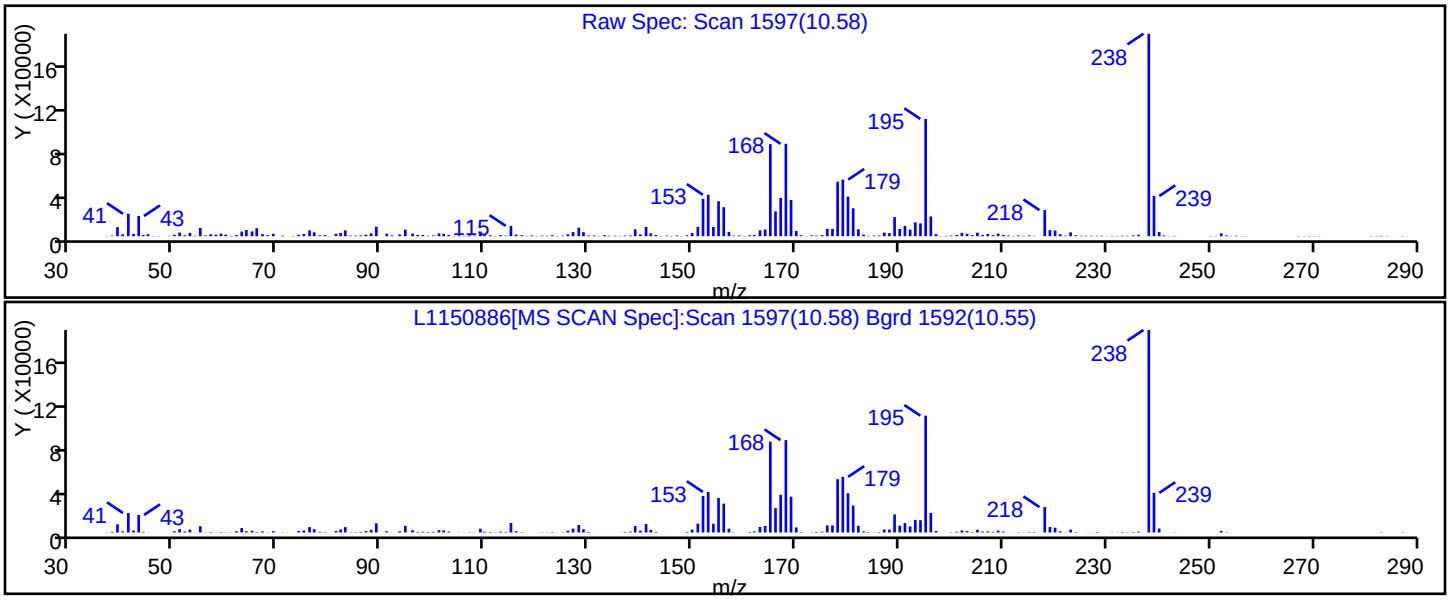
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date:	24-Jun-2014 12:26:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-5-A	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

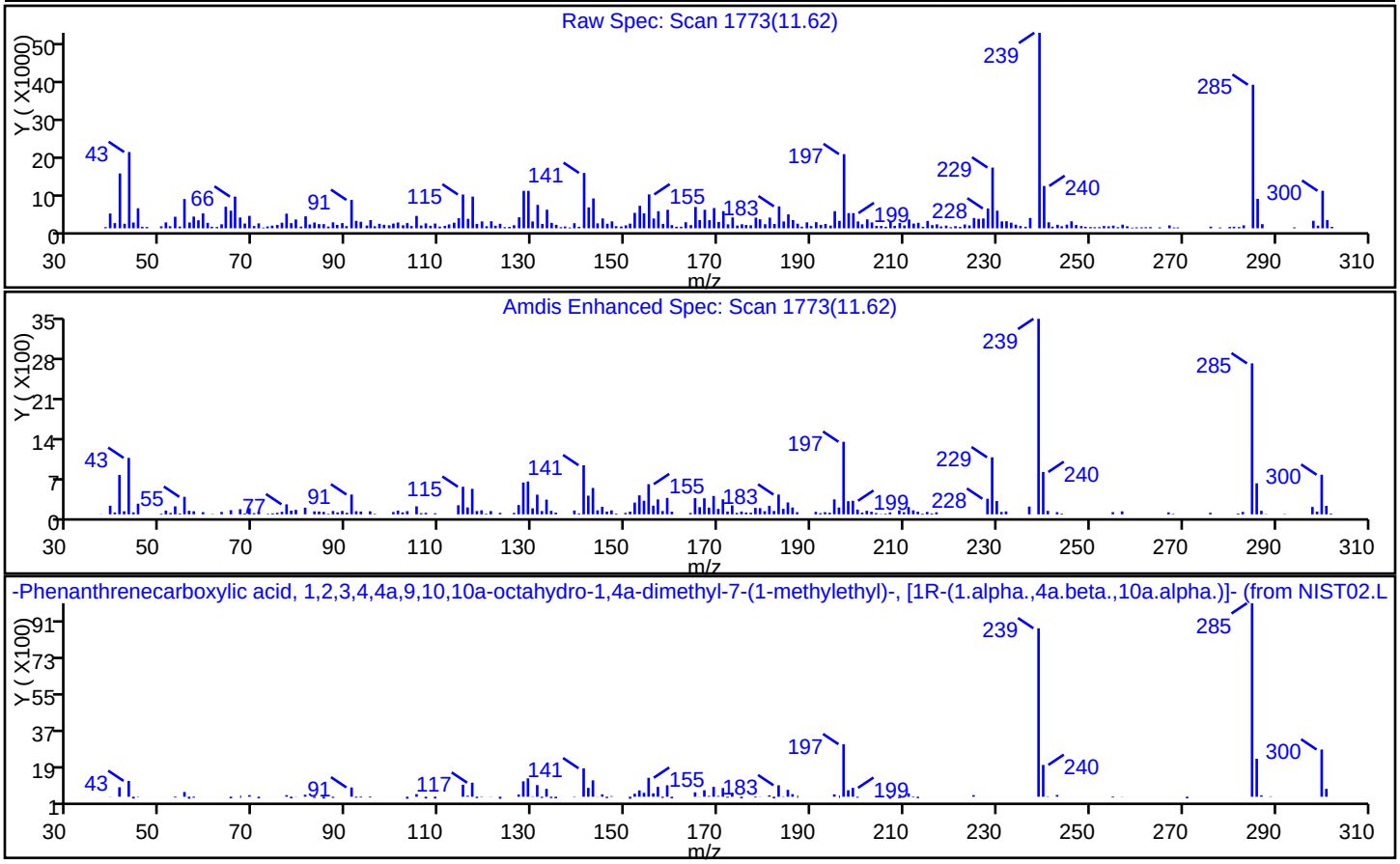
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	1740-19-8	NIST02	117817	C20H28O2	300	98



Report Date: 24-Jun-2014 16:42:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150886.D

Injection Date: 24-Jun-2014 12:26:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-5-A Lab Sample ID: 460-78044-5

Client ID: S-5

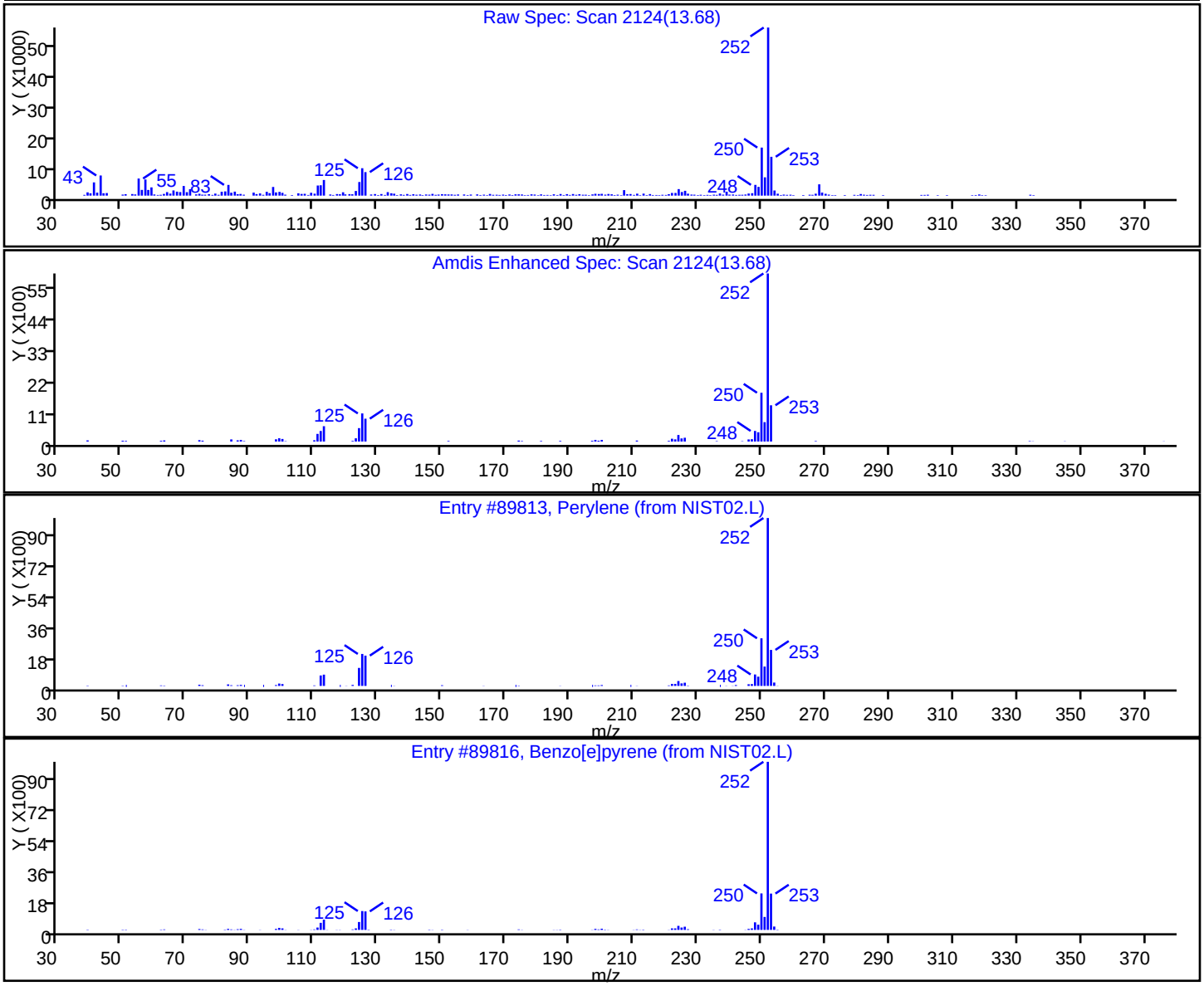
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Perylene	198-55-0	NIST02	89813	C20H12	252	98
Benzo[e]pyrene	192-97-2	NIST02.L	89816	C20H12	252	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 | Lab Sample ID: 460-78044-6

Matrix: Solid | Lab File ID: L1150913.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	790	110
108-60-1	2,2'-oxybis[1-chloropropane]	88	U	790	88
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	790	100
95-95-4	2,4,5-Trichlorophenol	100	U	790	100
88-06-2	2,4,6-Trichlorophenol	93	U	790	93
120-83-2	2,4-Dichlorophenol	120	U	790	120
105-67-9	2,4-Dimethylphenol	200	U	790	200
51-28-5	2,4-Dinitrophenol	450	U	1600	450
121-14-2	2,4-Dinitrotoluene	26	U	160	26
606-20-2	2,6-Dinitrotoluene	24	U	160	24
91-58-7	2-Chloronaphthalene	89	U	790	89
95-57-8	2-Chlorophenol	100	U	790	100
91-57-6	2-Methylnaphthalene	100	U	790	100
95-48-7	2-Methylphenol	140	U	790	140
88-74-4	2-Nitroaniline	330	U	790	330
88-75-5	2-Nitrophenol	89	U	790	89
91-94-1	3,3'-Dichlorobenzidine	280	U	790	280
99-09-2	3-Nitroaniline	280	U	790	280
534-52-1	4,6-Dinitro-2-methylphenol	220	U	1600	220
101-55-3	4-Bromophenyl phenyl ether	79	U	790	79
59-50-7	4-Chloro-3-methylphenol	120	U	790	120
106-47-8	4-Chloroaniline	210	U	790	210
7005-72-3	4-Chlorophenyl phenyl ether	93	U	790	93
106-44-5	4-Methylphenol	160	U	790	160
100-01-6	4-Nitroaniline	250	U	1600	250
100-02-7	4-Nitrophenol	510	U	790	510
83-32-9	Acenaphthene	230	J	790	120
208-96-8	Acenaphthylene	160	J	790	94
98-86-2	Acetophenone	120	U	790	120
120-12-7	Anthracene	660	J	790	96
1912-24-9	Atrazine	120	U	790	120
100-52-7	Benzaldehyde	93	U	790	93
56-55-3	Benzo[a]anthracene	3500		79	5.5
50-32-8	Benzo[a]pyrene	3800		79	5.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 | Lab Sample ID: 460-78044-6

Matrix: Solid | Lab File ID: L1150913.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	4600		79	5.0
191-24-2	Benzo[g,h,i]perylene	3100	*	790	59
207-08-9	Benzo[k]fluoranthene	1600		79	6.0
111-91-1	Bis(2-chloroethoxy)methane	100	U	790	100
111-44-4	Bis(2-chloroethyl)ether	11	U	79	11
117-81-7	Bis(2-ethylhexyl) phthalate	260	U	790	260
85-68-7	Butyl benzyl phthalate	73	U	790	73
105-60-2	Caprolactam	180	U	790	180
86-74-8	Carbazole	390	J	790	94
218-01-9	Chrysene	4200		790	93
53-70-3	Dibenz(a,h)anthracene	730		79	10
132-64-9	Dibenzofuran	190	J	790	93
84-66-2	Diethyl phthalate	95	U	790	95
131-11-3	Dimethyl phthalate	94	U	790	94
84-74-2	Di-n-butyl phthalate	98	U	790	98
117-84-0	Di-n-octyl phthalate	51	U	790	51
92-52-4	Diphenyl	110	U	790	110
206-44-0	Fluoranthene	7700		790	110
86-73-7	Fluorene	220	J	790	100
118-74-1	Hexachlorobenzene	11	U	79	11
87-68-3	Hexachlorobutadiene	19	U	160	19
77-47-4	Hexachlorocyclopentadiene	93	U	790	93
67-72-1	Hexachloroethane	8.8	U	79	8.8
193-39-5	Indeno[1,2,3-cd]pyrene	3200		79	15
78-59-1	Isophorone	96	U	790	96
91-20-3	Naphthalene	180	J	790	92
98-95-3	Nitrobenzene	11	U *	79	11
621-64-7	N-Nitrosodi-n-propylamine	13	U	79	13
86-30-6	N-Nitrosodiphenylamine	78	U	790	78
87-86-5	Pentachlorophenol	240	U	1600	240
85-01-8	Phenanthrene	3900		790	100
108-95-2	Phenol	110	U	790	110
129-00-0	Pyrene	7200		790	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 | Lab Sample ID: 460-78044-6

Matrix: Solid | Lab File ID: L1150913.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	78		19-114
321-60-8	2-Fluorobiphenyl	92		49-112
367-12-4	2-Fluorophenol	77		39-103
4165-60-0	Nitrobenzene-d5	84		40-106
4165-62-2	Phenol-d5	79		44-104
1718-51-0	Terphenyl-d14	93		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 | Lab Sample ID: 460-78044-6

Matrix: Solid | Lab File ID: L1150913.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.02(g) | Date Analyzed: 06/25/2014 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 12610

CAS NO.	COMPOUND NAME	RT	RESULT	Q
610-48-0	Anthracene, 1-methyl-	9.60	860	J N
2541-69-7	Benz[a]anthracene, 7-methyl-	12.27	3600	J N
2541-69-7	Benz[a]anthracene, 7-methyl-	12.36	660	J N
192-97-2	Benzo[e]pyrene	13.41	680	J N
192-97-2	Benzo[e]pyrene	13.66	2900	J N
198-55-0	Perylene	13.85	1300	J N
191-26-4	Dibenzo[def,mno]chrysene	15.15	1200	J N
222-93-5	Pentaphene	15.46	720	J N
191-26-4	Dibenzo[def,mno]chrysene	15.87	690	J N

Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D
Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6
Client ID: S-6
Sample Type: Client
Inject. Date: 25-Jun-2014 01:36:30 ALS Bottle#: 20 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0014971-021
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:56:48 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:57:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.187	3.181	0.006	89	55459	19.2	
$ 6 Phenol-d5	99	4.099	4.110	-0.011	68	70568	19.8	
* 13 1,4-Dichlorobenzene-d4	152	4.493	4.492	0.001	96	91451	40.0	
$ 25 Nitrobenzene-d5	82	5.046	5.051	-0.005	95	62852	20.9	
* 35 Naphthalene-d8	136	5.775	5.775	0.000	99	320007	40.0	
36 Naphthalene	128	5.798	5.798	0.000	74	8991	1.13	
41 2-Methylnaphthalene	142	6.493	6.498	-0.005	65	2703	0.5117	
$ 48 2-Fluorobiphenyl	172	6.857	6.863	-0.006	97	128433	23.1	
49 1,1'-Biphenyl	154	6.957	6.963	-0.006	4	1238	0.1993	
59 Acenaphthylene	152	7.392	7.398	-0.006	83	7061	1.02	
* 61 Acenaphthene-d10	164	7.534	7.533	0.001	92	170556	40.0	
62 Acenaphthene	154	7.563	7.569	-0.006	78	6505	1.45	
66 Dibenzofuran	168	7.734	7.739	-0.005	92	7837	1.20	
70 Fluorene	166	8.075	8.080	-0.005	72	7325	1.41	
$ 76 2,4,6-Tribromophenol	330	8.310	8.316	-0.006	95	15674	19.5	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	98	244815	40.0	
84 Phenanthrene	178	9.028	9.027	0.001	96	156733	24.1	
85 Anthracene	178	9.075	9.080	-0.005	96	27458	4.14	
86 Carbazole	167	9.234	9.233	0.001	75	13876	2.46	
88 Fluoranthene	202	10.198	10.204	-0.006	98	310894	48.0	
90 Pyrene	202	10.433	10.433	0.000	97	275981	45.0	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	99	98506	23.2	
95 Benzo[a]anthracene	228	11.816	11.821	-0.005	98	115366	21.9	
* 96 Chrysene-d12	240	11.827	11.827	0.000	99	199050	40.0	
97 Chrysene	228	11.863	11.868	-0.005	95	126358	26.4	
100 Benzo[b]fluoranthene	252	13.274	13.274	0.000	98	221857	28.7	
101 Benzo[k]fluoranthene	252	13.310	13.315	-0.005	65	83759	10.2	
102 Benzo[a]pyrene	252	13.727	13.733	-0.006	96	178819	24.1	
* 103 Perylene-d12	264	13.810	13.809	0.001	98	309071	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.292	15.304	-0.012	99	163025	19.9	
105 Dibenz(a,h)anthracene	278	15.321	15.339	-0.018	56	36254	4.59	
106 Benzo[g,h,i]perylene	276	15.674	15.692	-0.018	92	163201	19.3	

Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D
Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6
Client ID: S-6
Sample Type: Client
Inject. Date: 25-Jun-2014 01:36:30 ALS Bottle#: 20 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0014971-021
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 11:56:48 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 11:57:42

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
610-48-0 Anthracene, 1-methyl-								
9.604	89137	5.38	83	87	50616	C15H12	192	
2541-69-7 Benz[a]anthracene, 7-methyl-								
12.269	500894	22.3	96	87	83867	C19H14	242	
2541-69-7 Benz[a]anthracene, 7-methyl-								
12.357	93114	4.14	96	96	83858	C19H14	242	
192-97-2 Benzo[e]pyrene								
13.410	89894	4.23	103	98	89816	C20H12	252	
192-97-2 Benzo[e]pyrene								
13.657	382447	18.0	103	96	89816	C20H12	252	
198-55-0 Perylene								
13.845	176119	8.29	103	98	89812	C20H12	252	
191-26-4 Dibenzo[def,mno]chrysene								
15.151	160120	7.54	103	86	104308	C22H12	276	
222-93-5 Pentaphene								
15.463	96119	4.53	103	97	105325	C22H14	278	
191-26-4 Dibenzo[def,mno]chrysene								
15.868	91804	4.32	103	95	104308	C22H12	276	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	9.004	662551	40.0
* 96 Chrysene-d12	11.827	900344	40.0

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	13.810	849623	40.0

QC Flag Legend

Processing Flags

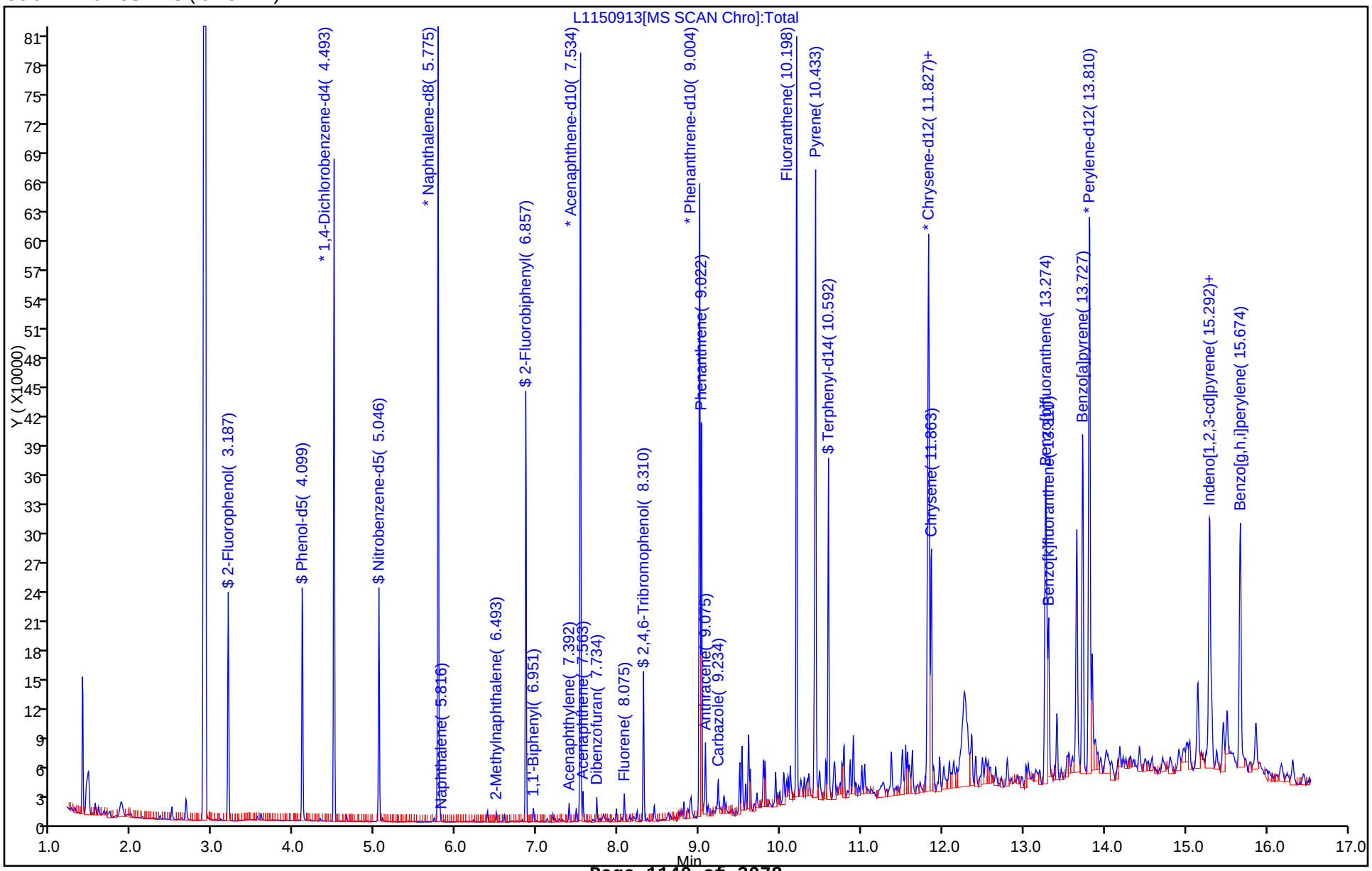
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6	Worklist Smp#:	21
Client ID:	S-6				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	20
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



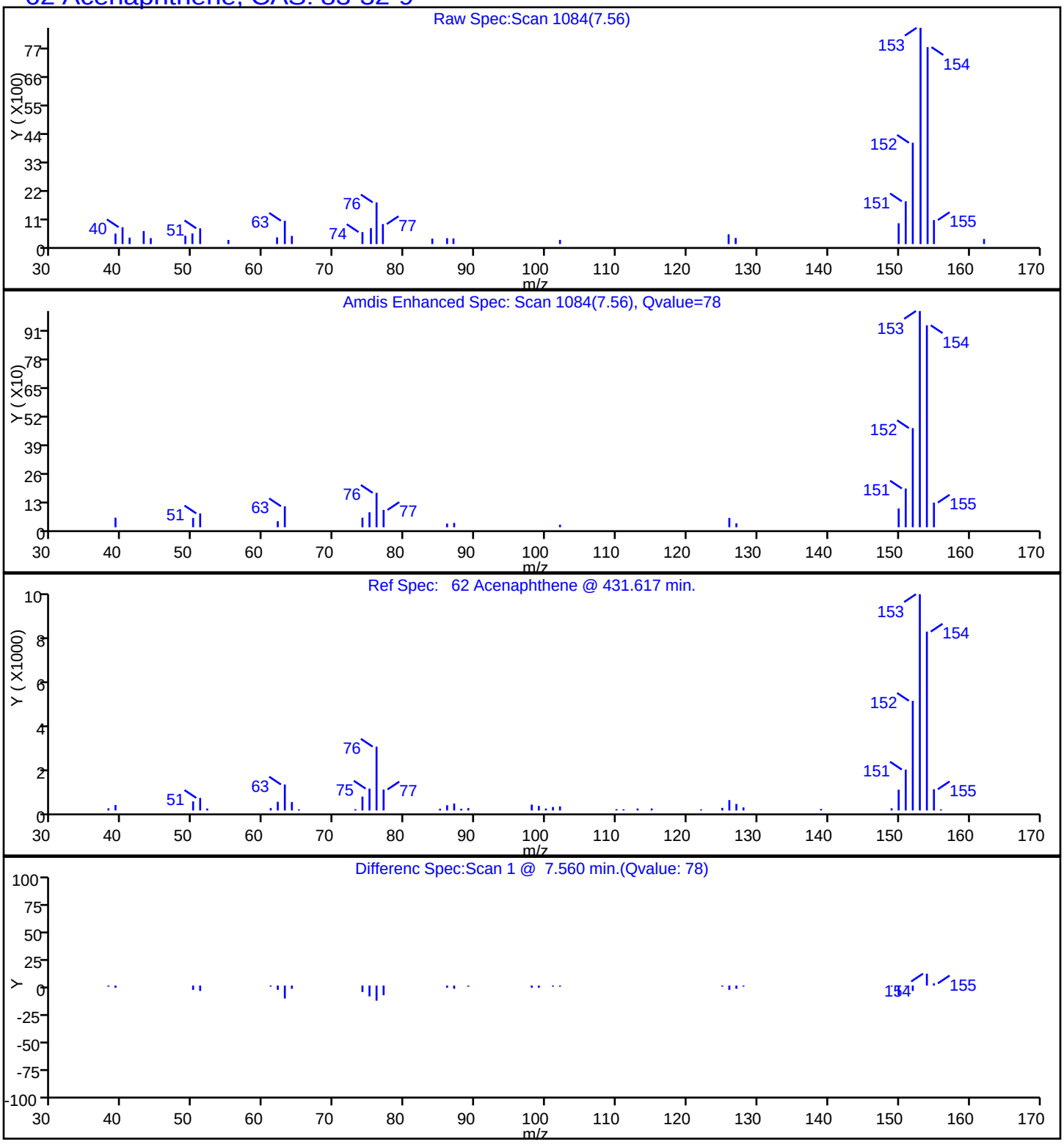
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



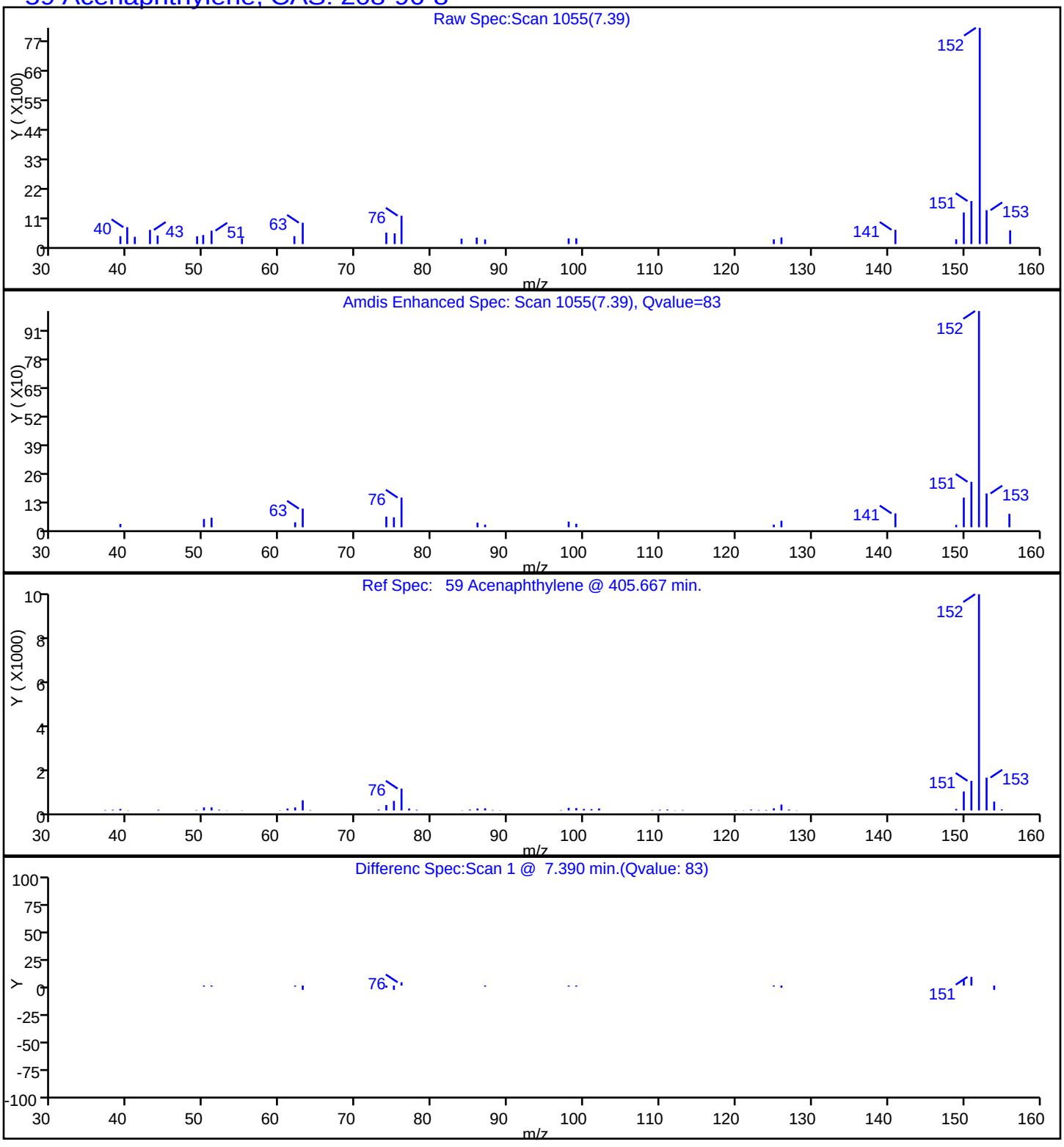
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



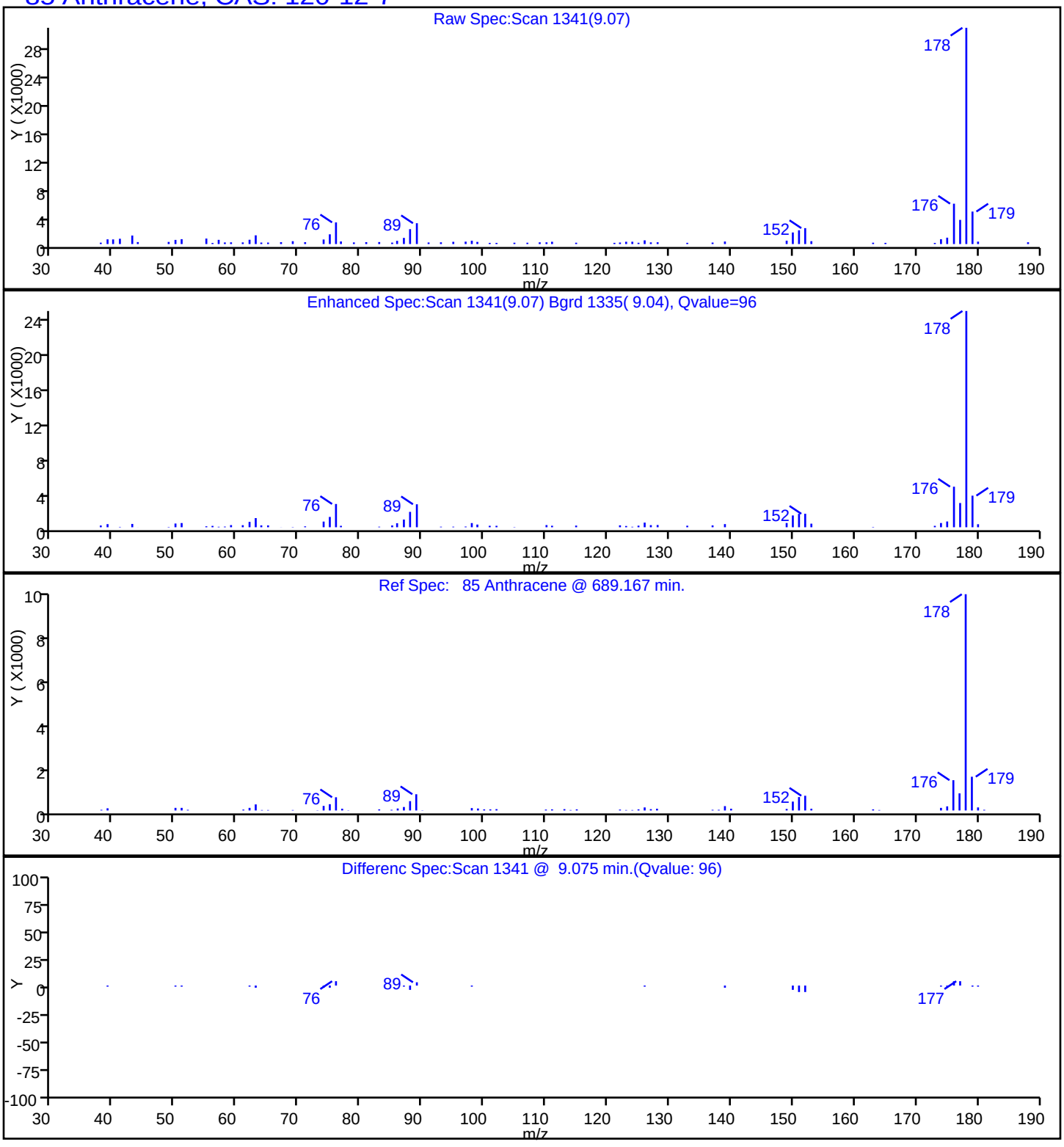
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7

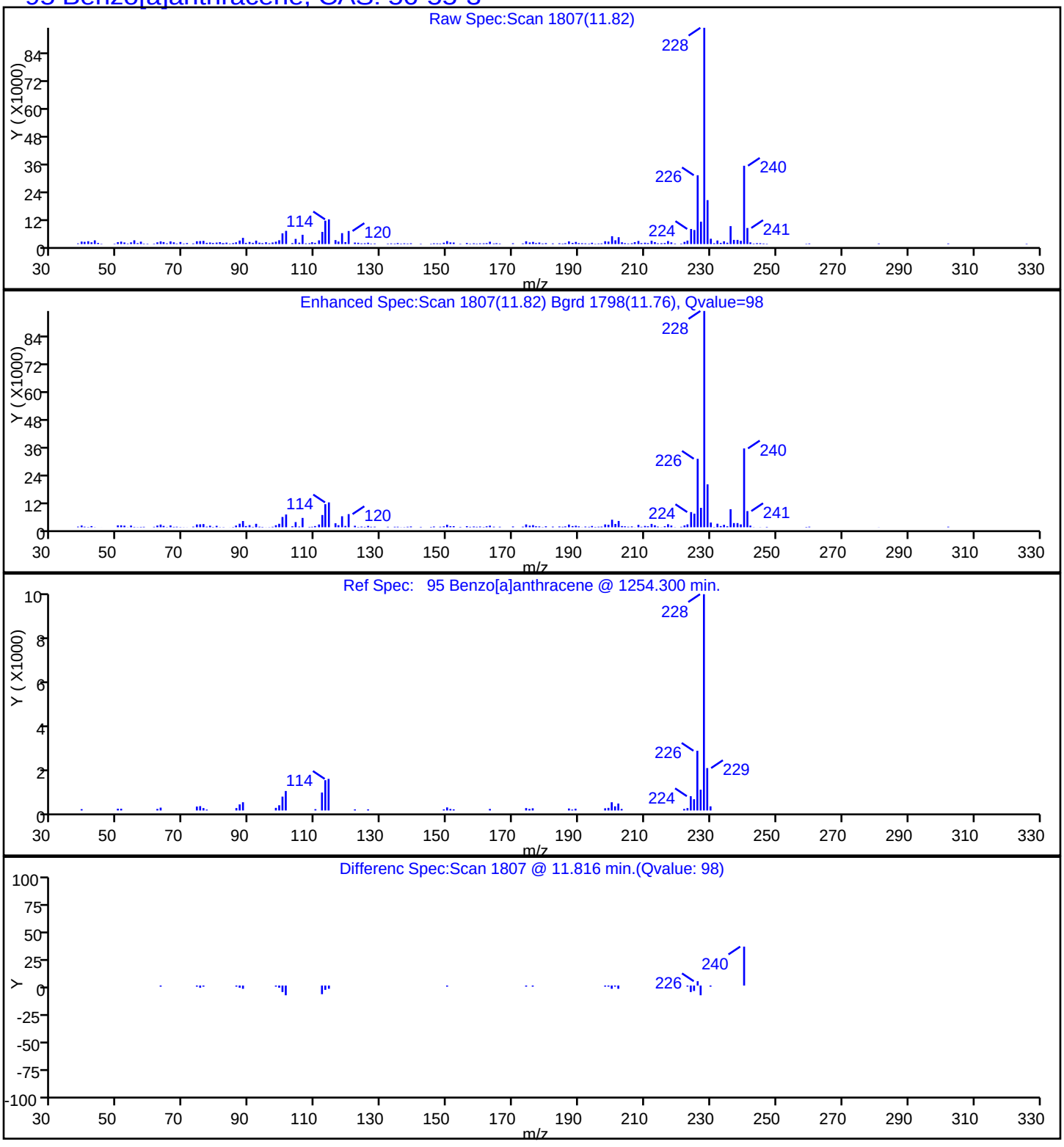


Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D				
Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3

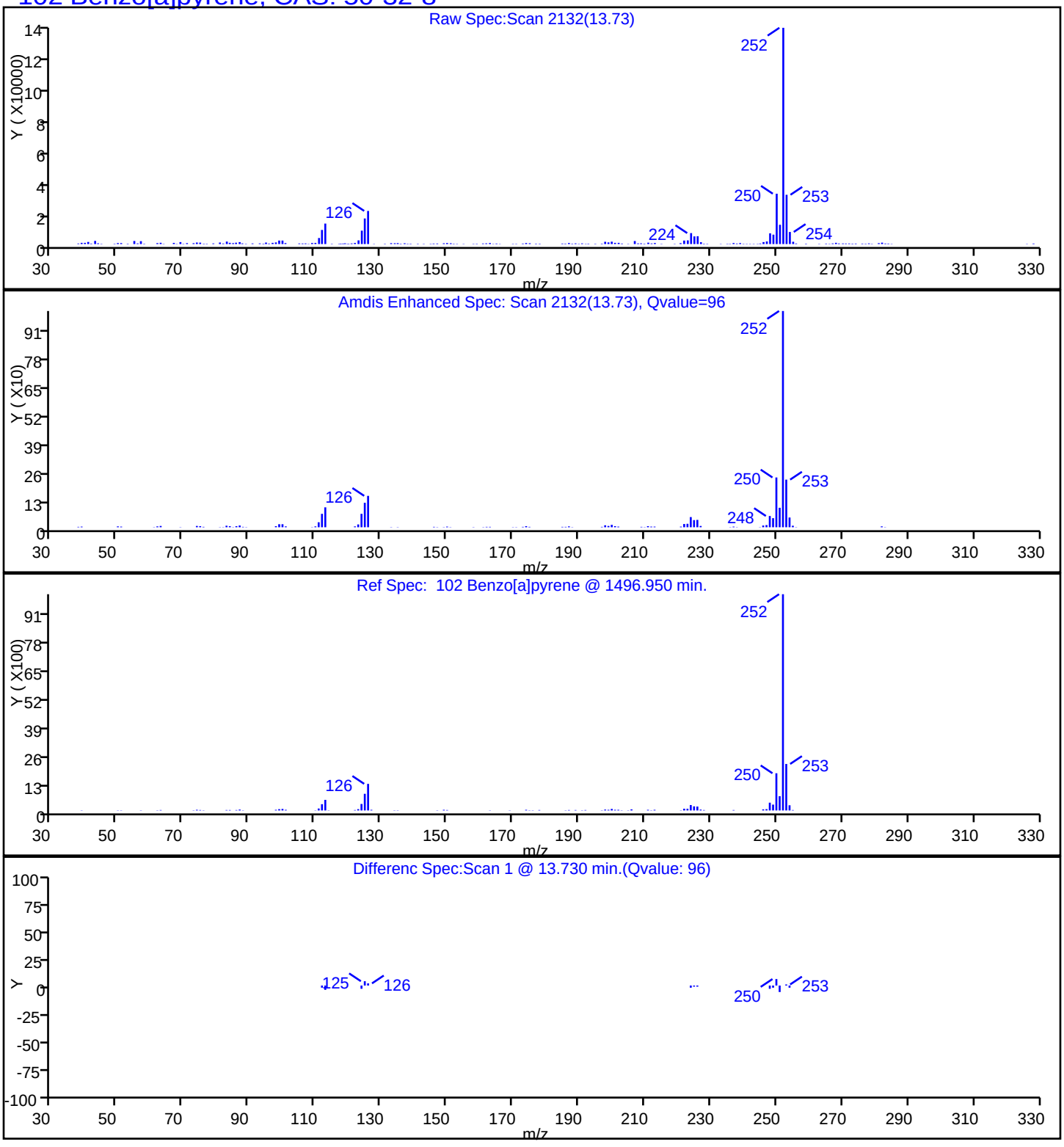


Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D				
Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8

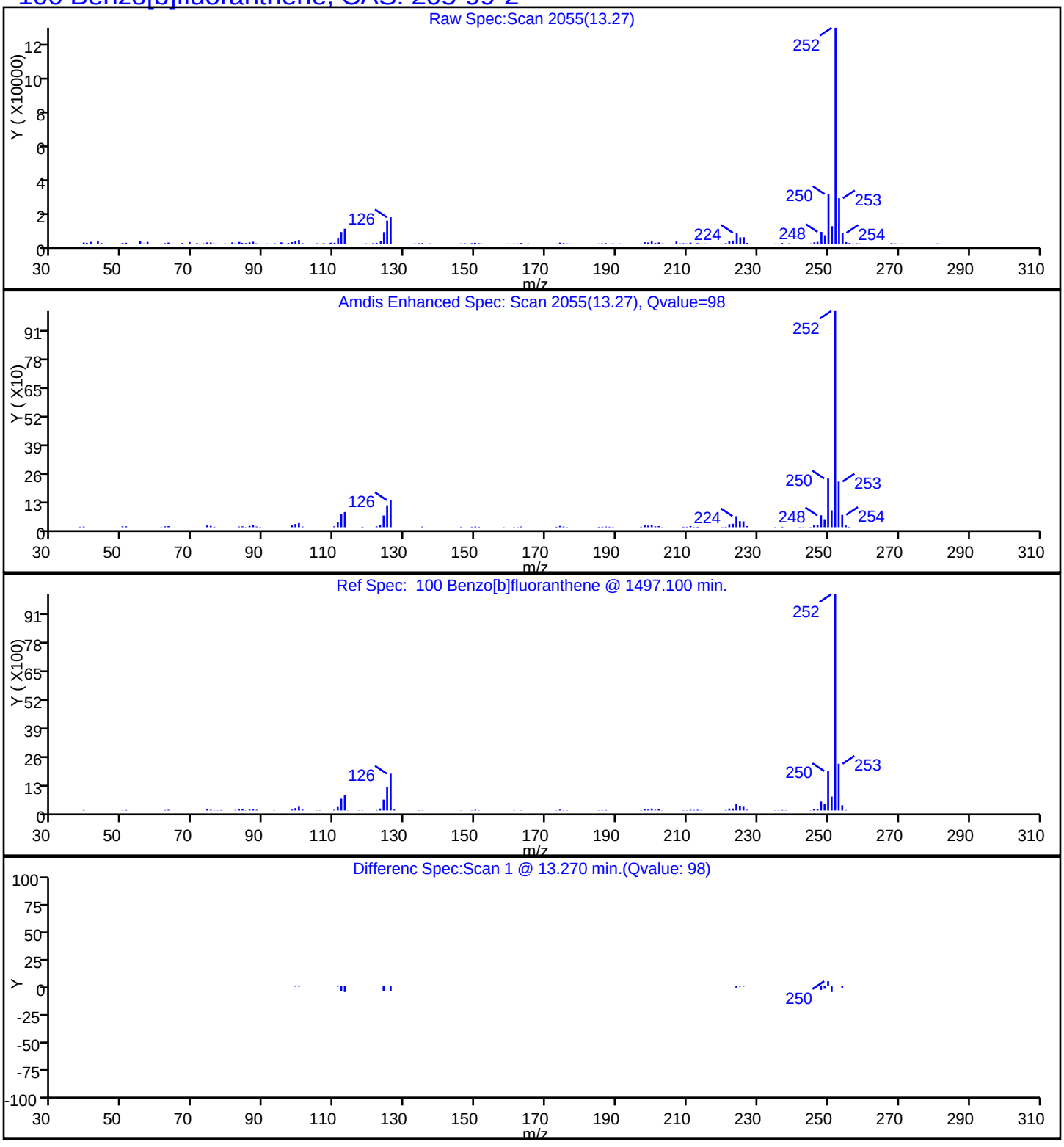


Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D				
Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



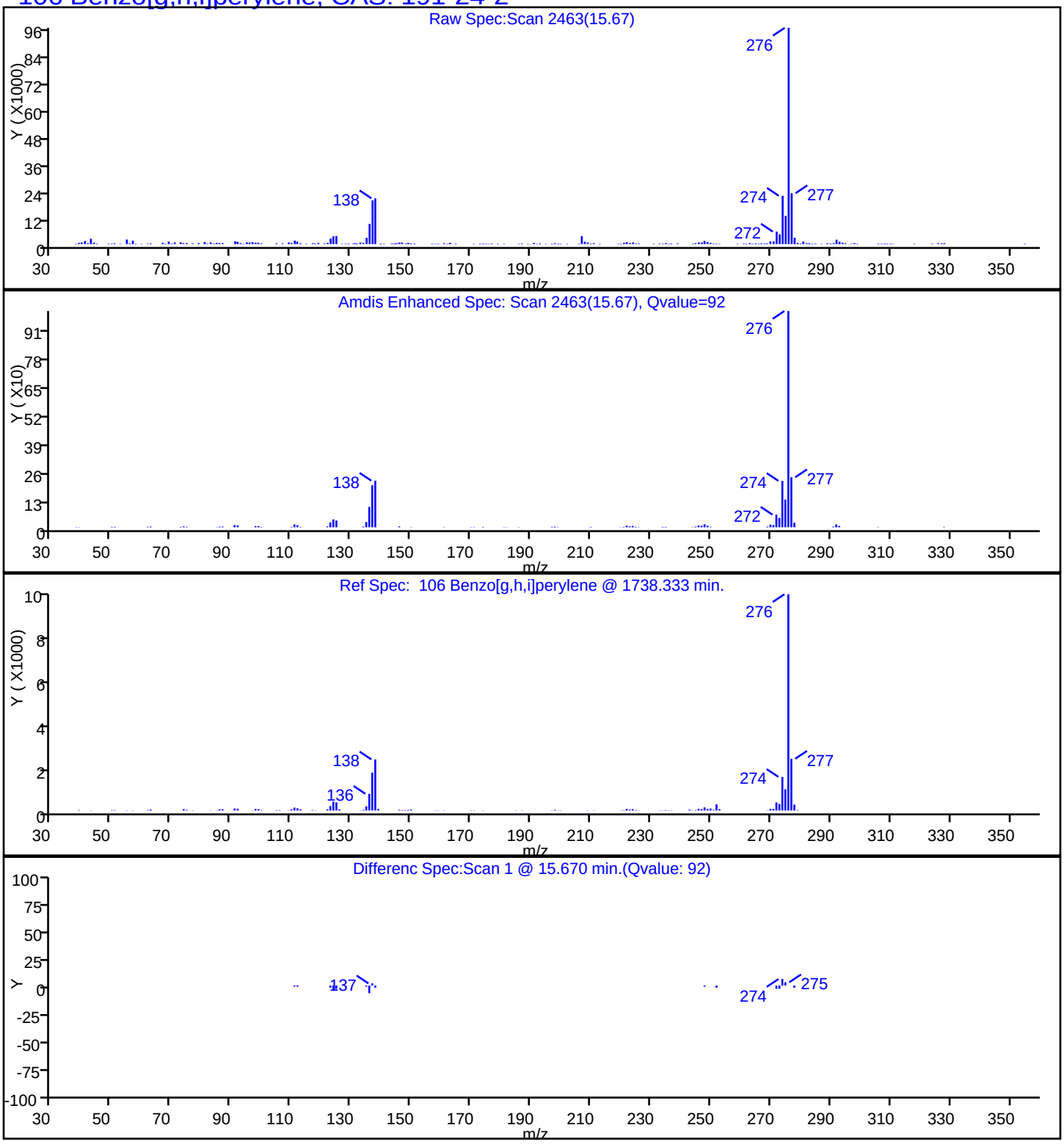
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2



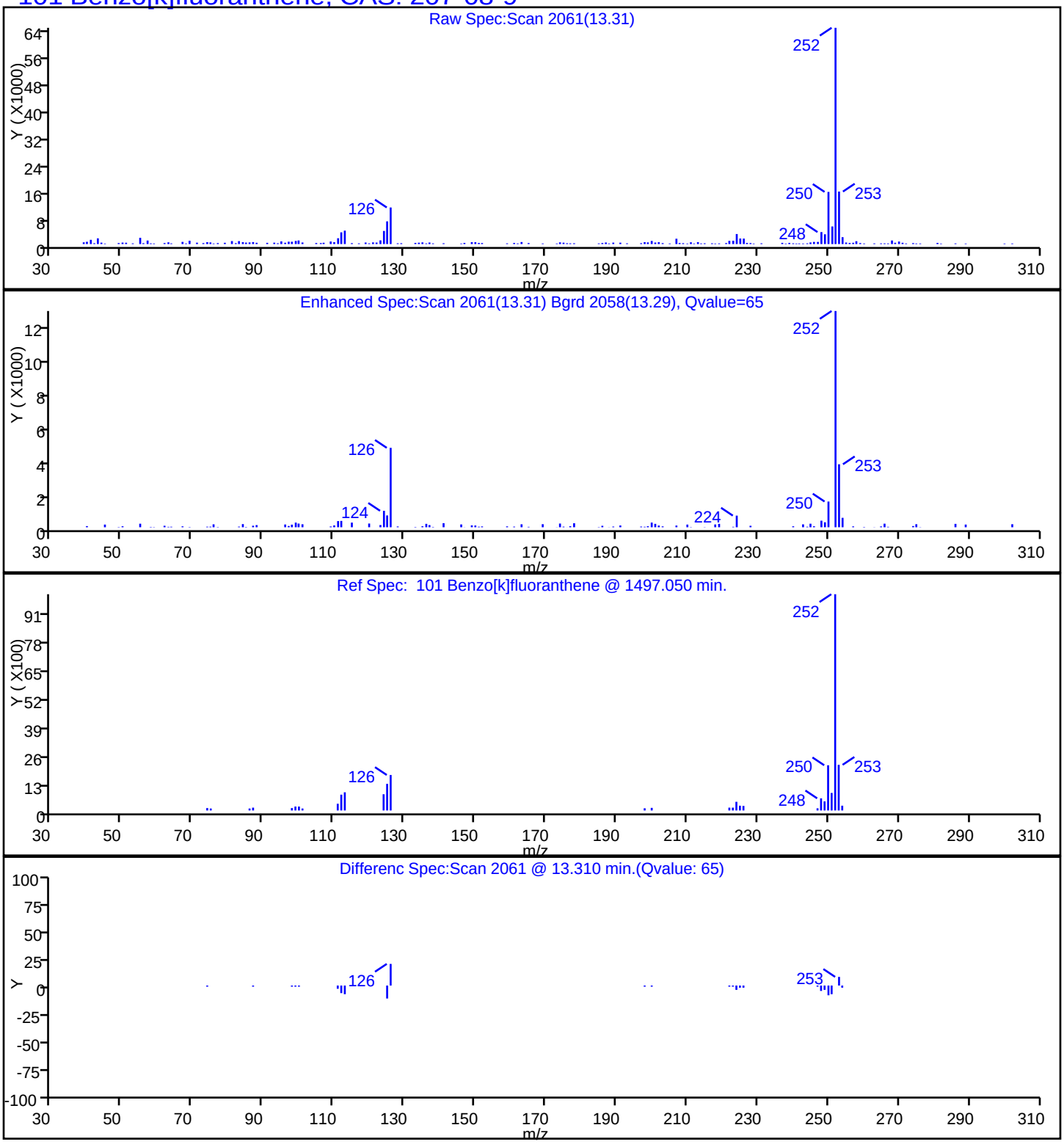
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

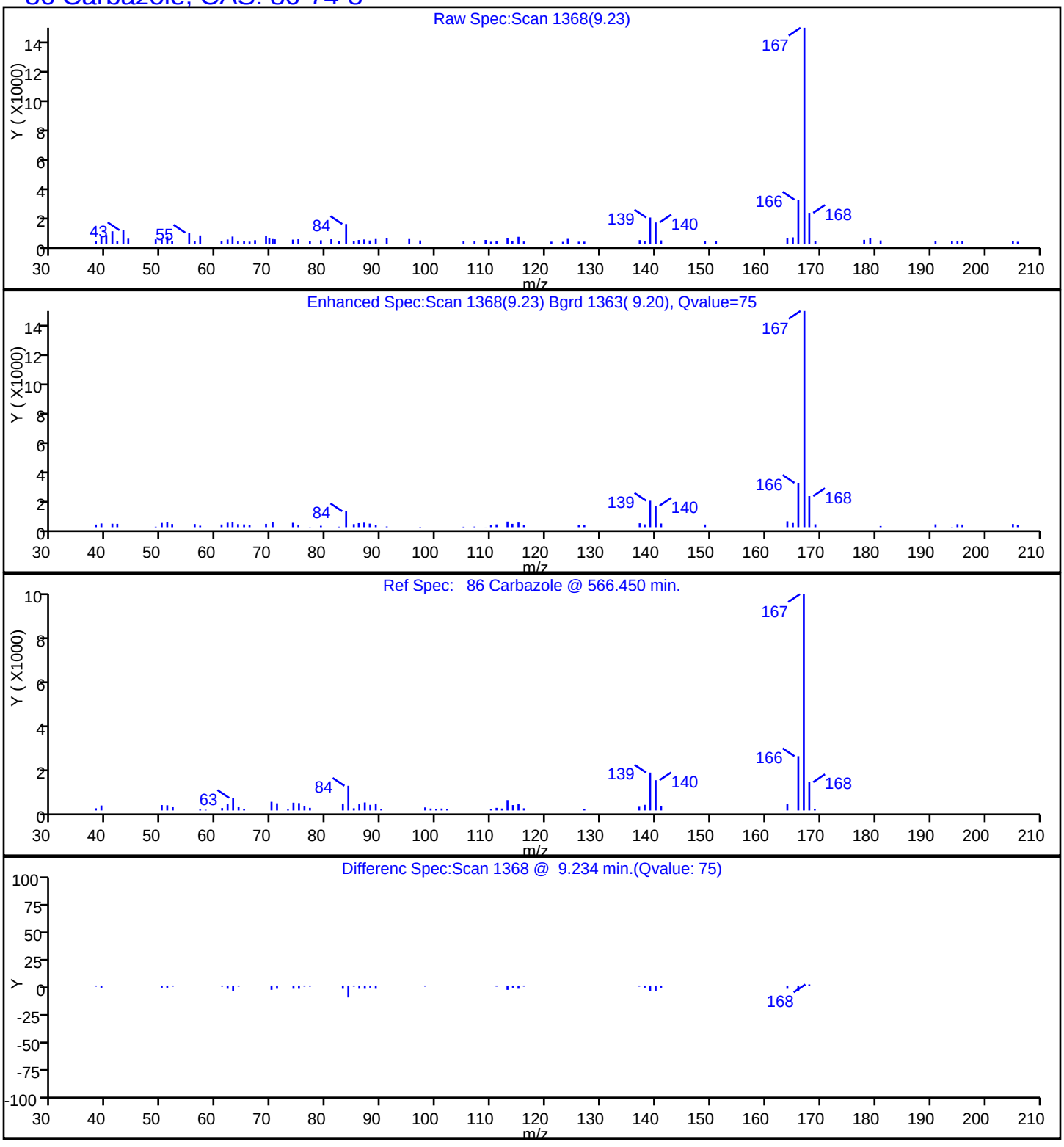


Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D				
Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



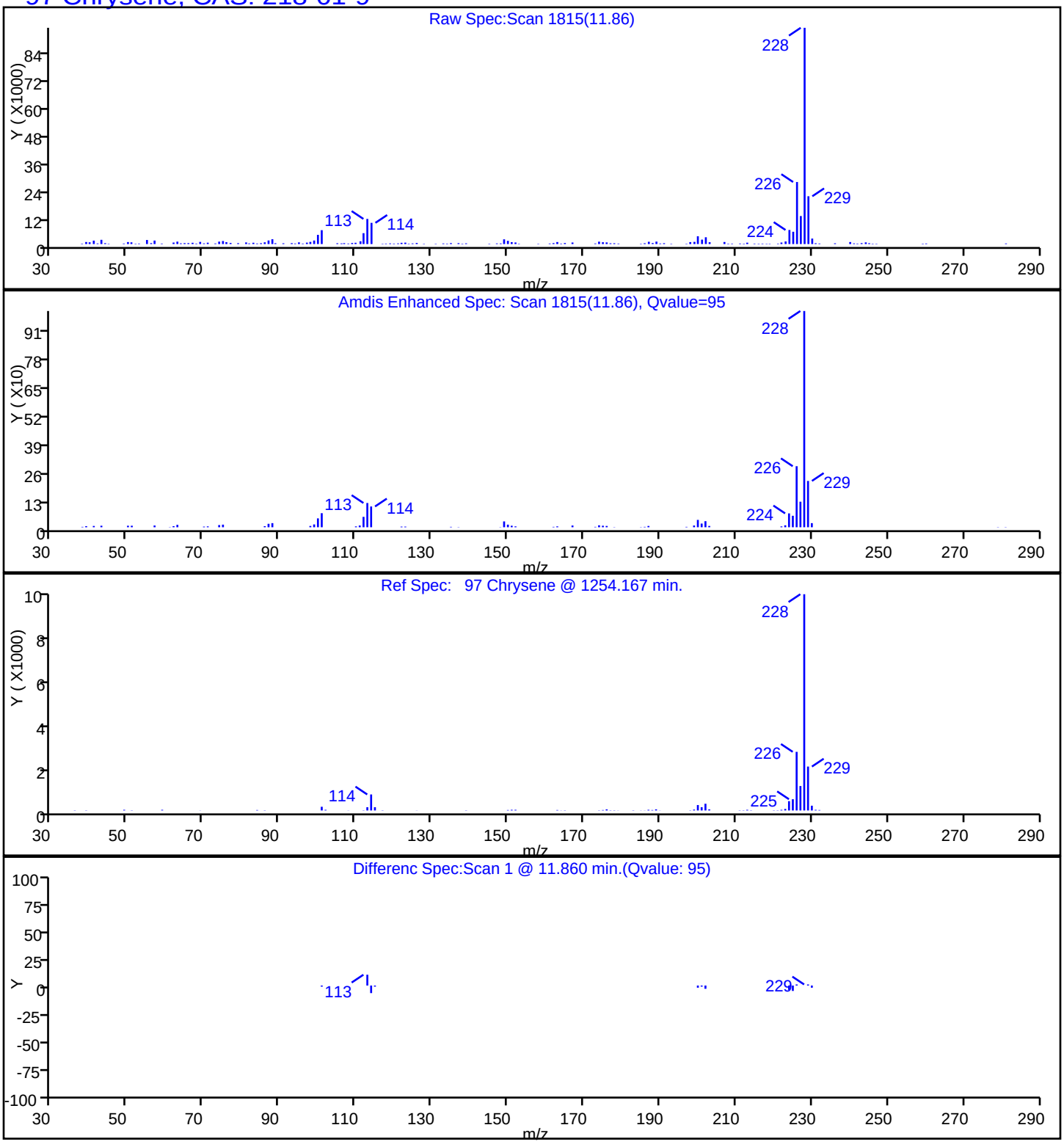
Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9



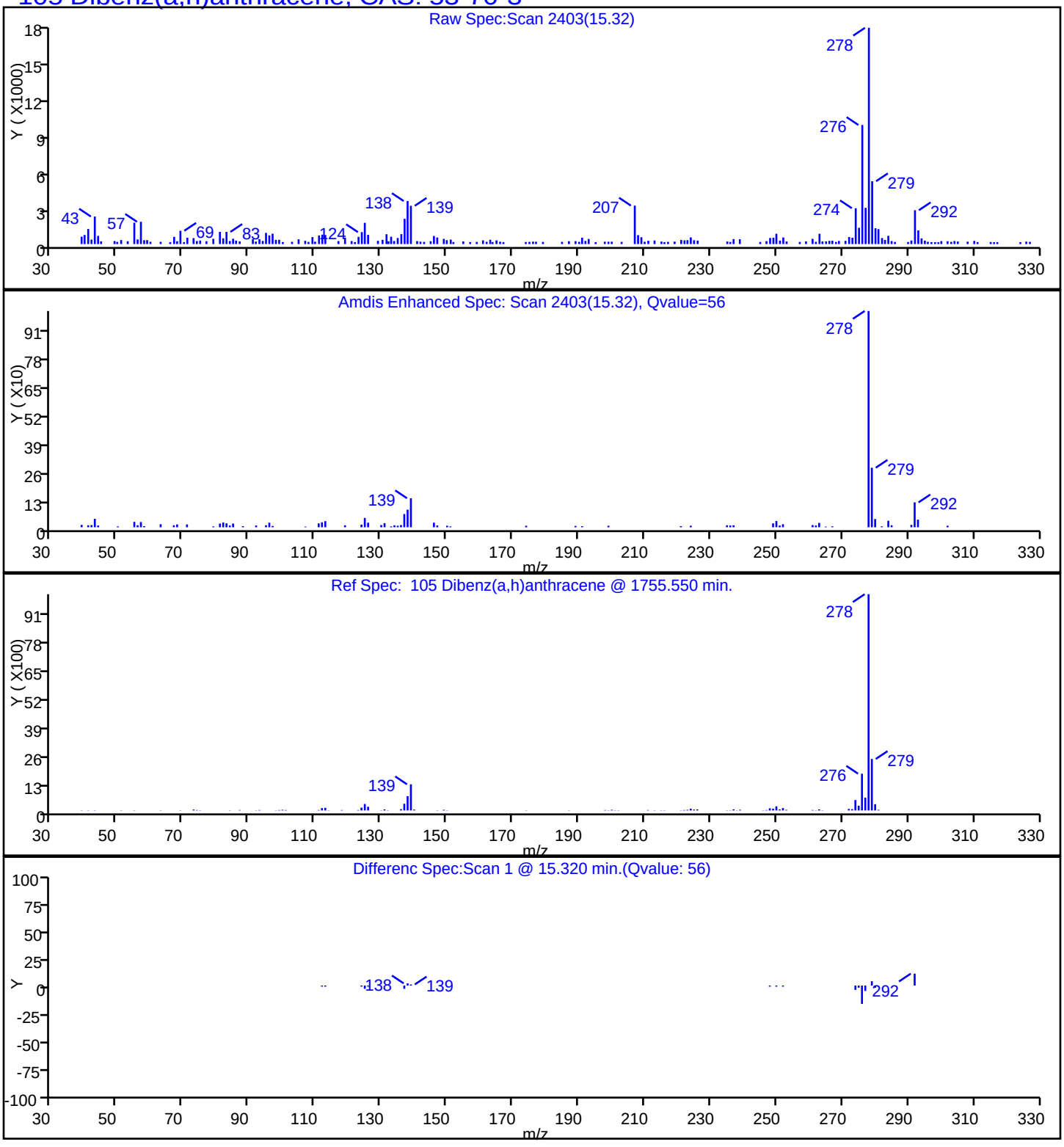
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3

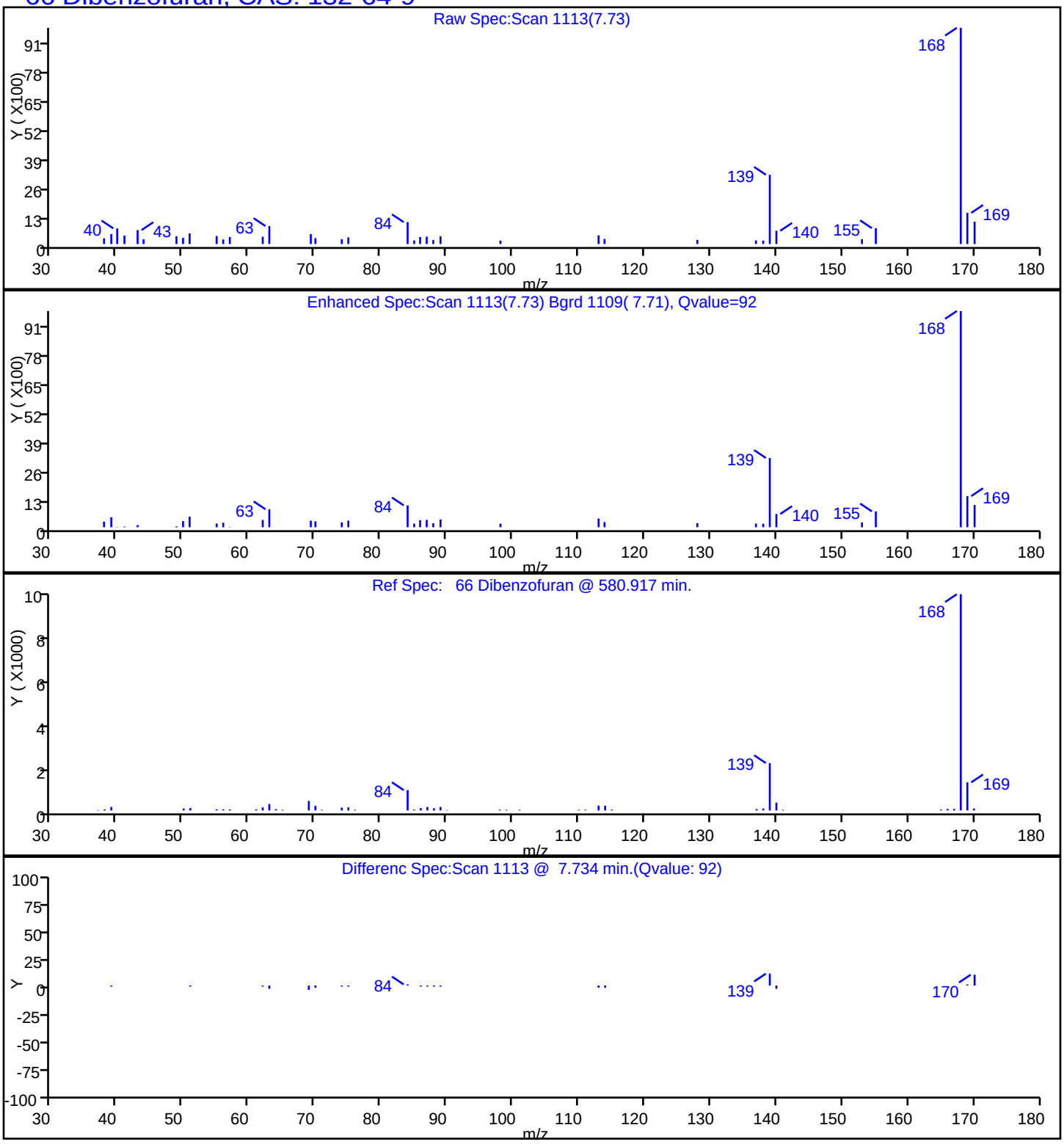


Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

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Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



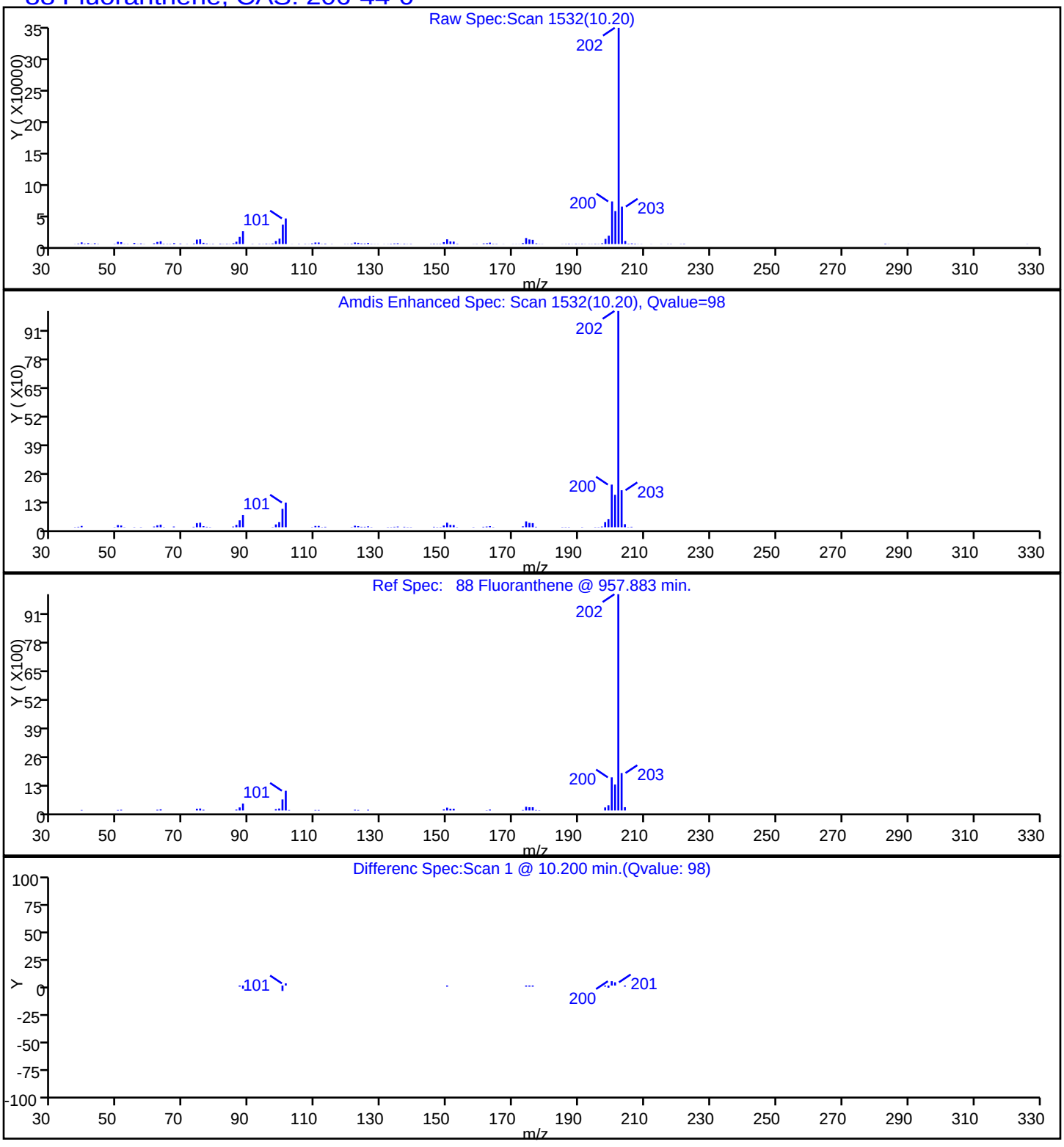
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



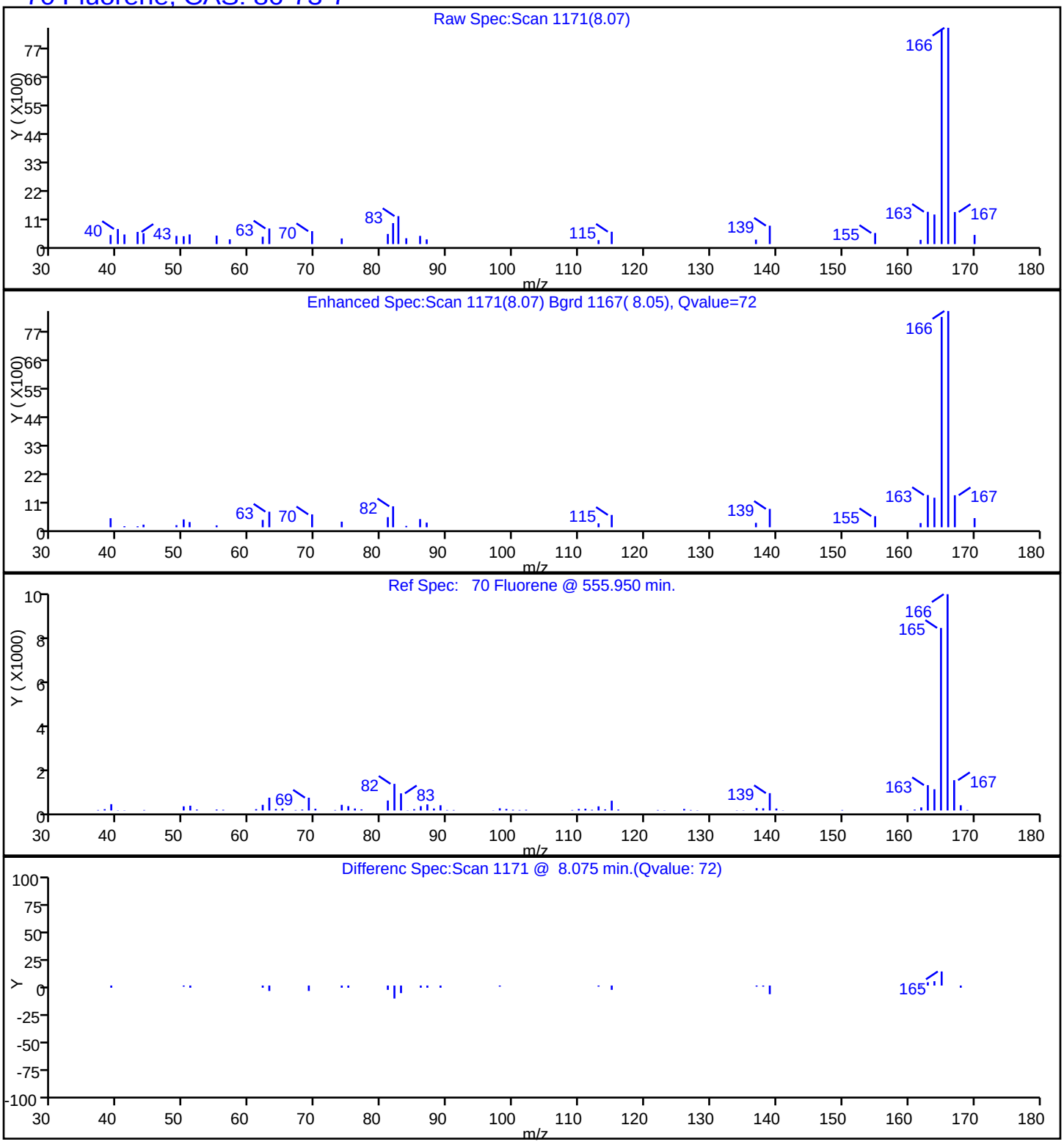
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7

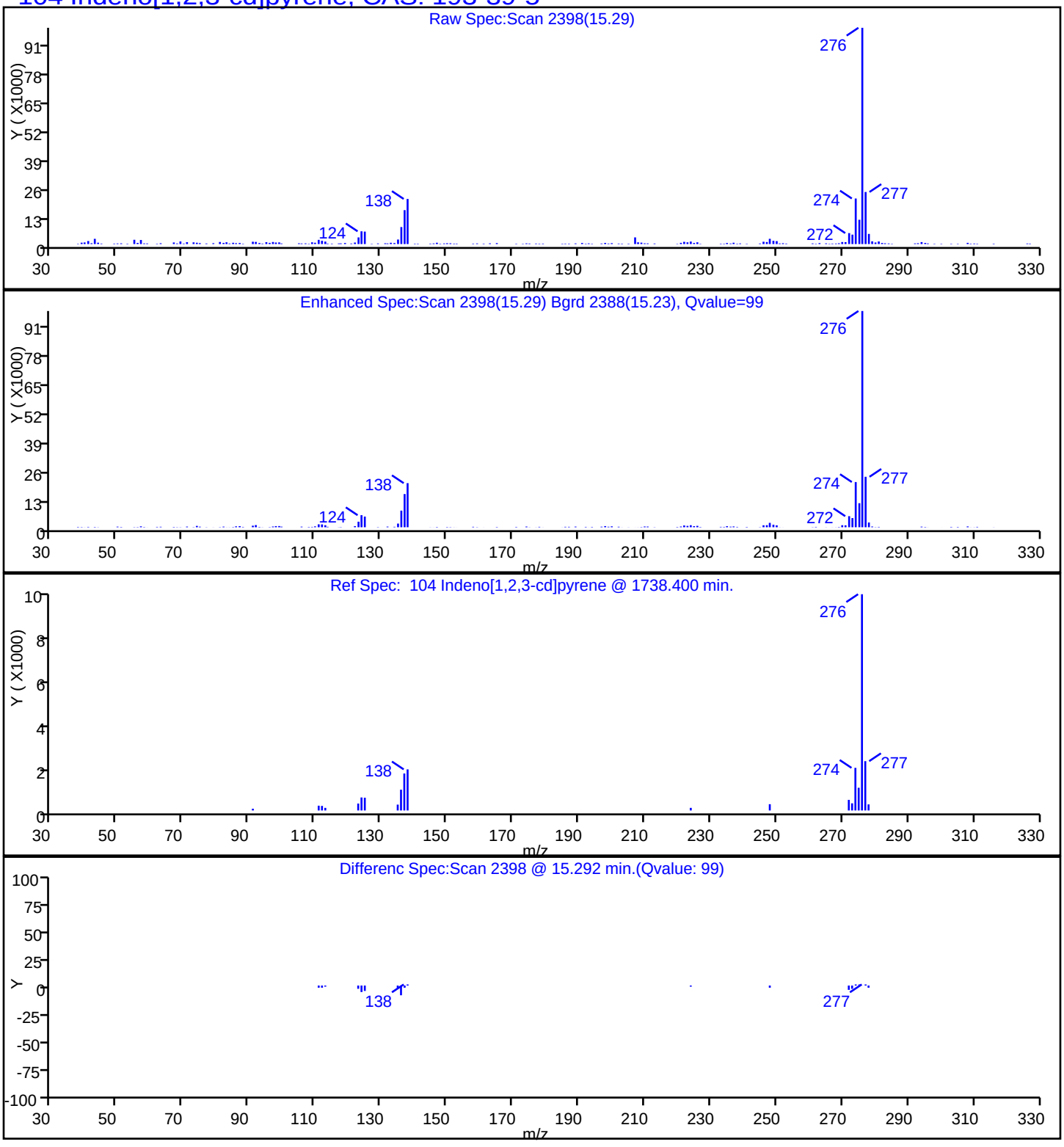


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TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D				
Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



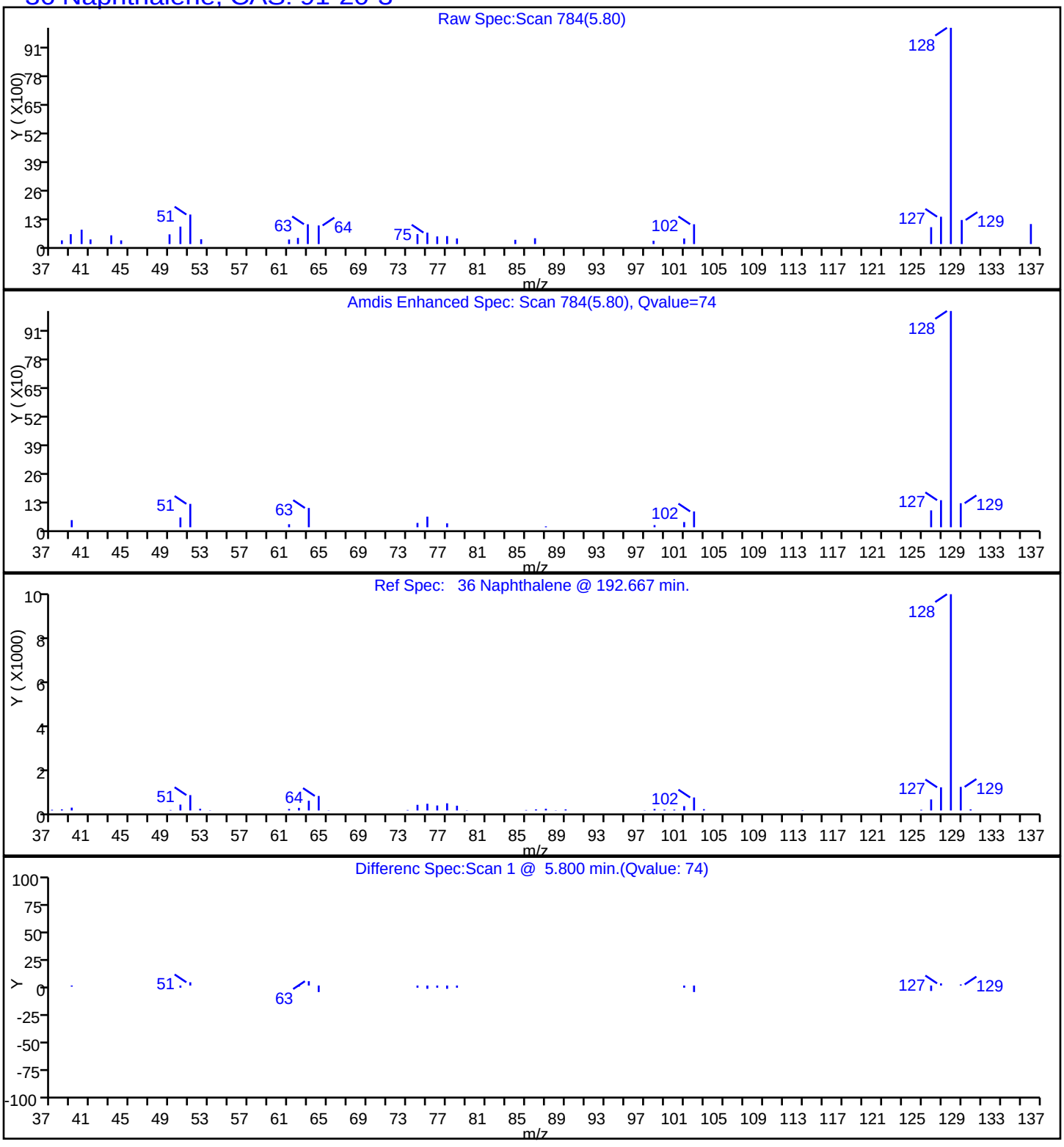
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TestAmerica Edison

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Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



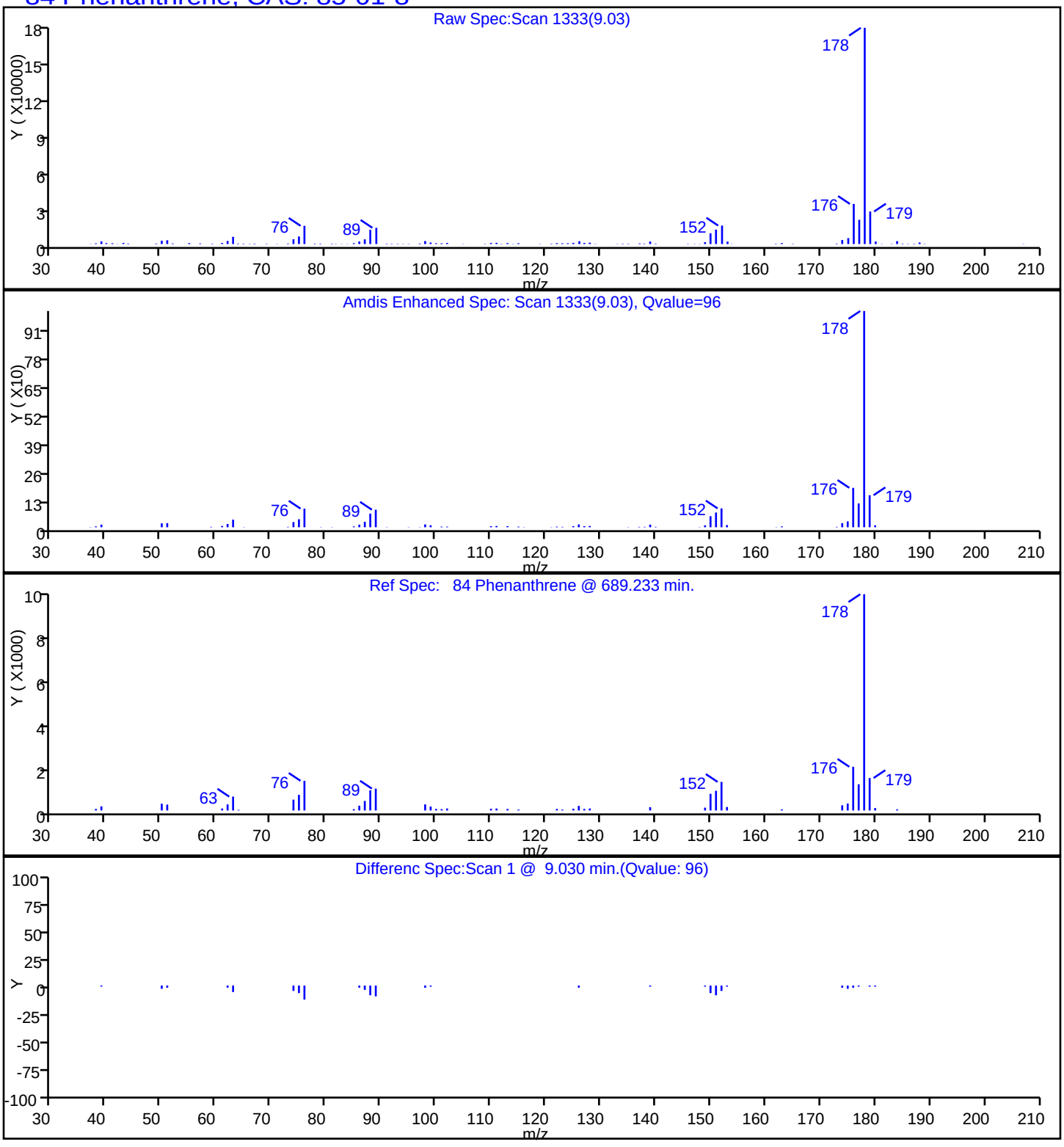
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



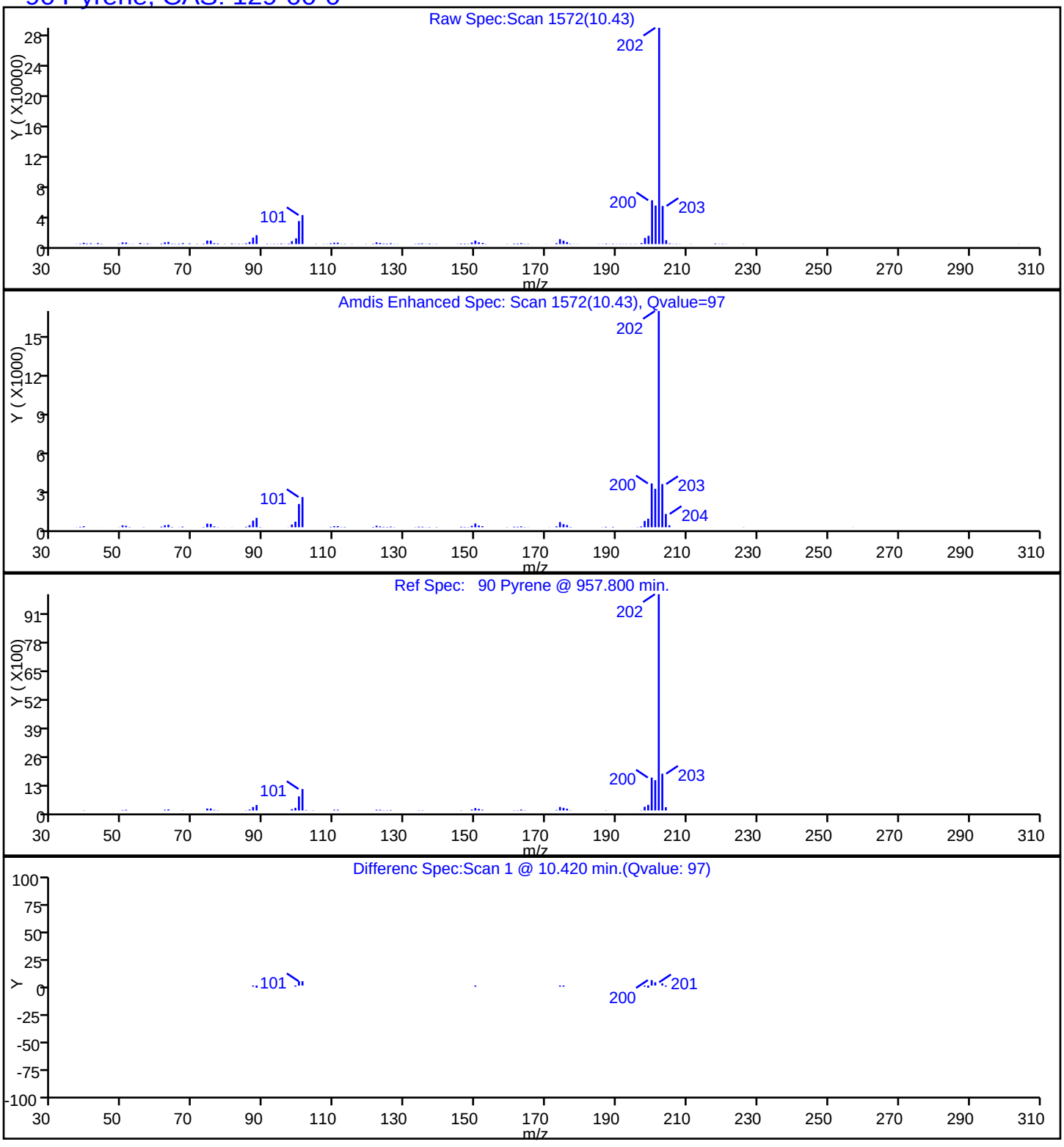
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TestAmerica Edison

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Injection Date:	25-Jun-2014 01:36:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-6-A	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

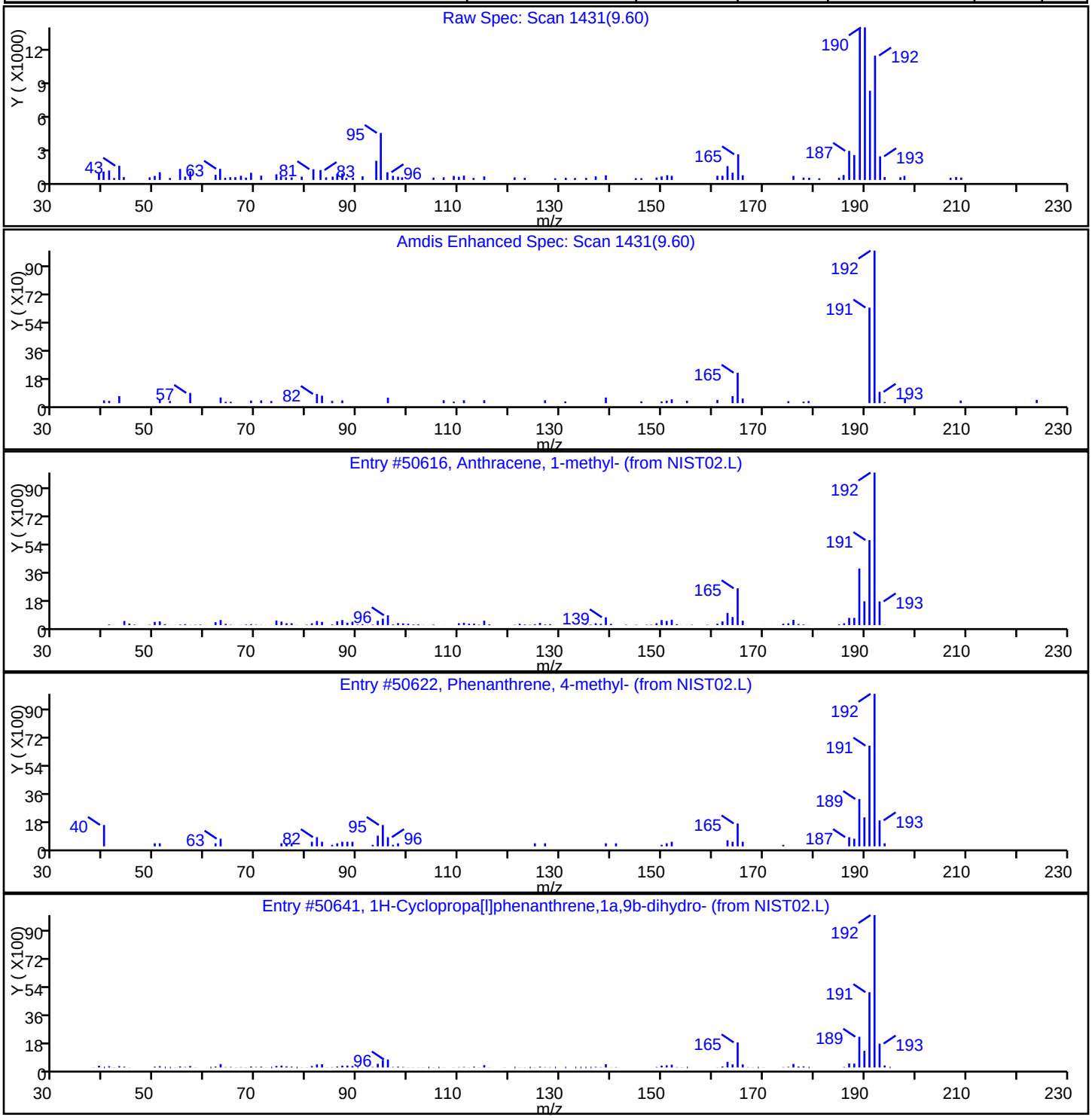
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Anthracene, 1-methyl-	610-48-0	NIST02	50616	C15H12	192	87
Phenanthrene, 4-methyl-	832-64-4	NIST02.L	50622	C15H12	192	86
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.L	50641	C15H12	192	80



Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

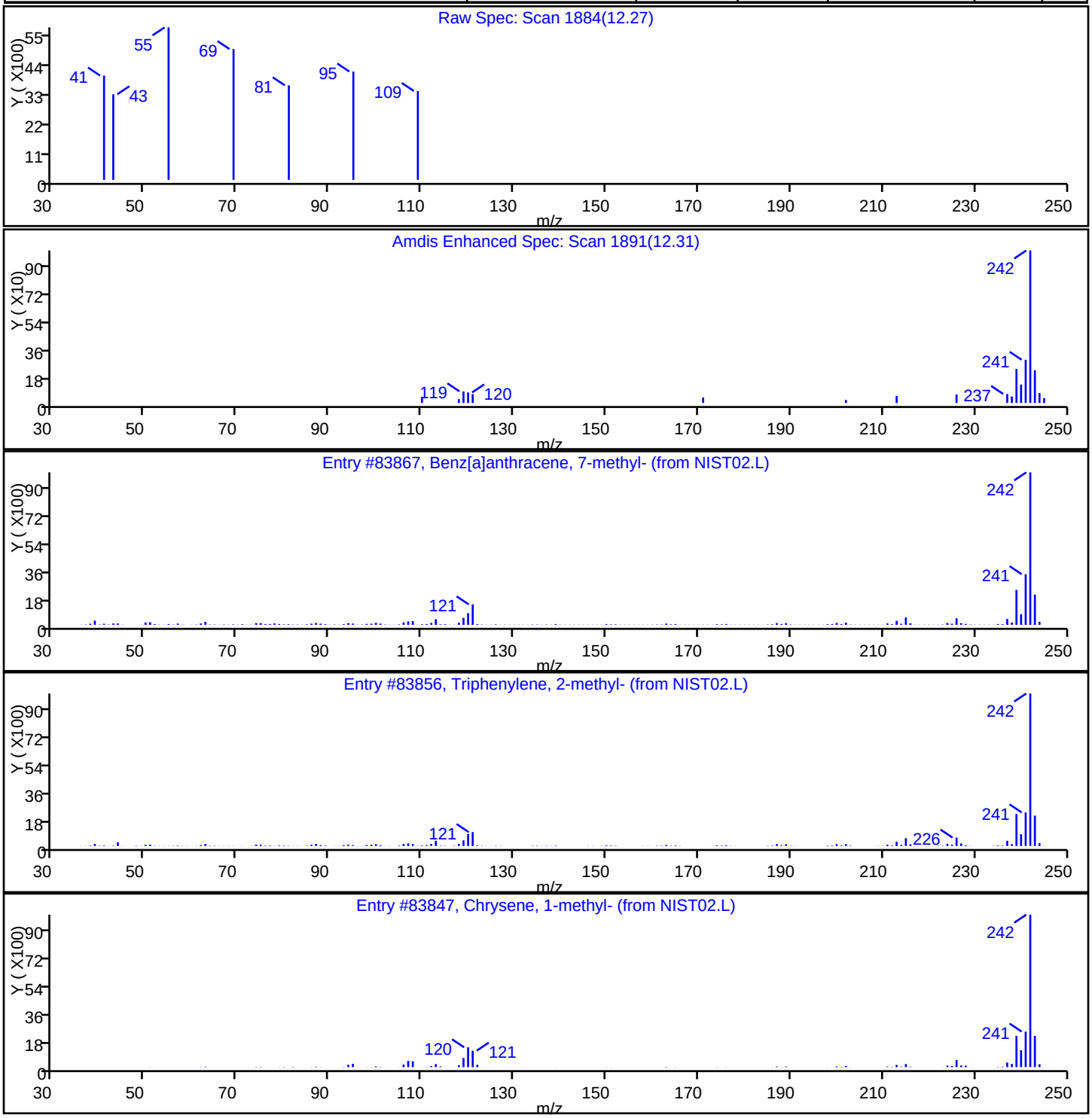
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benz[a]anthracene, 7-methyl-	2541-69-7	NIST02	83867	C19H14	242	87
Triphenylene, 2-methyl-	1705-84-6	NIST02.L	83856	C19H14	242	83
Chrysene, 1-methyl-	3351-28-8	NIST02.L	83847	C19H14	242	83



Report Date: 25-Jun-2014 11:57:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

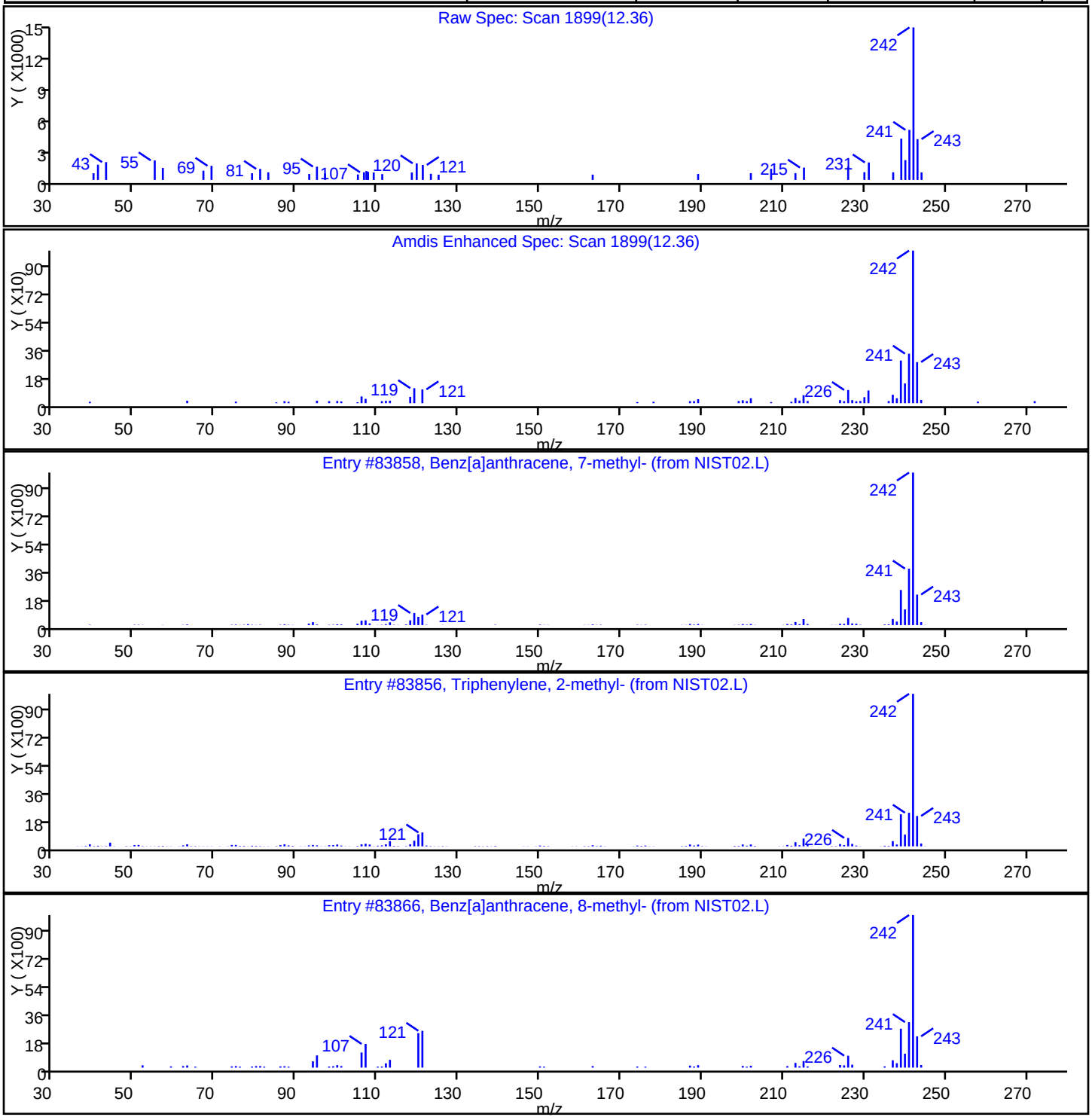
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benz[a]anthracene, 7-methyl-	2541-69-7	NIST02	83858	C19H14	242	96
Triphenylene, 2-methyl-	1705-84-6	NIST02.L	83856	C19H14	242	96
Benz[a]anthracene, 8-methyl-	2381-31-9	NIST02.L	83866	C19H14	242	94



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

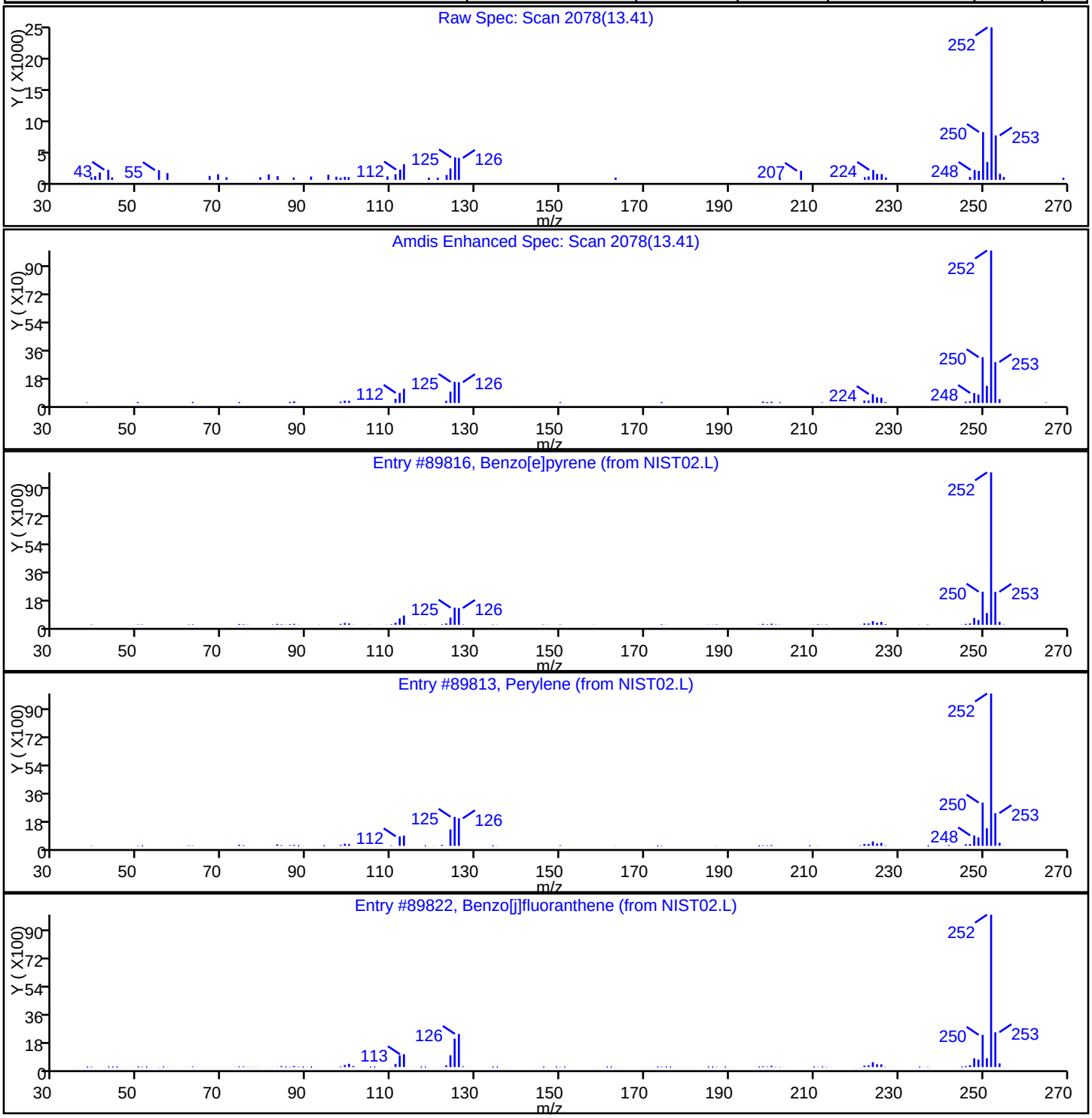
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	98
Perylene	198-55-0	NIST02.L	89813	C20H12	252	96
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	90



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

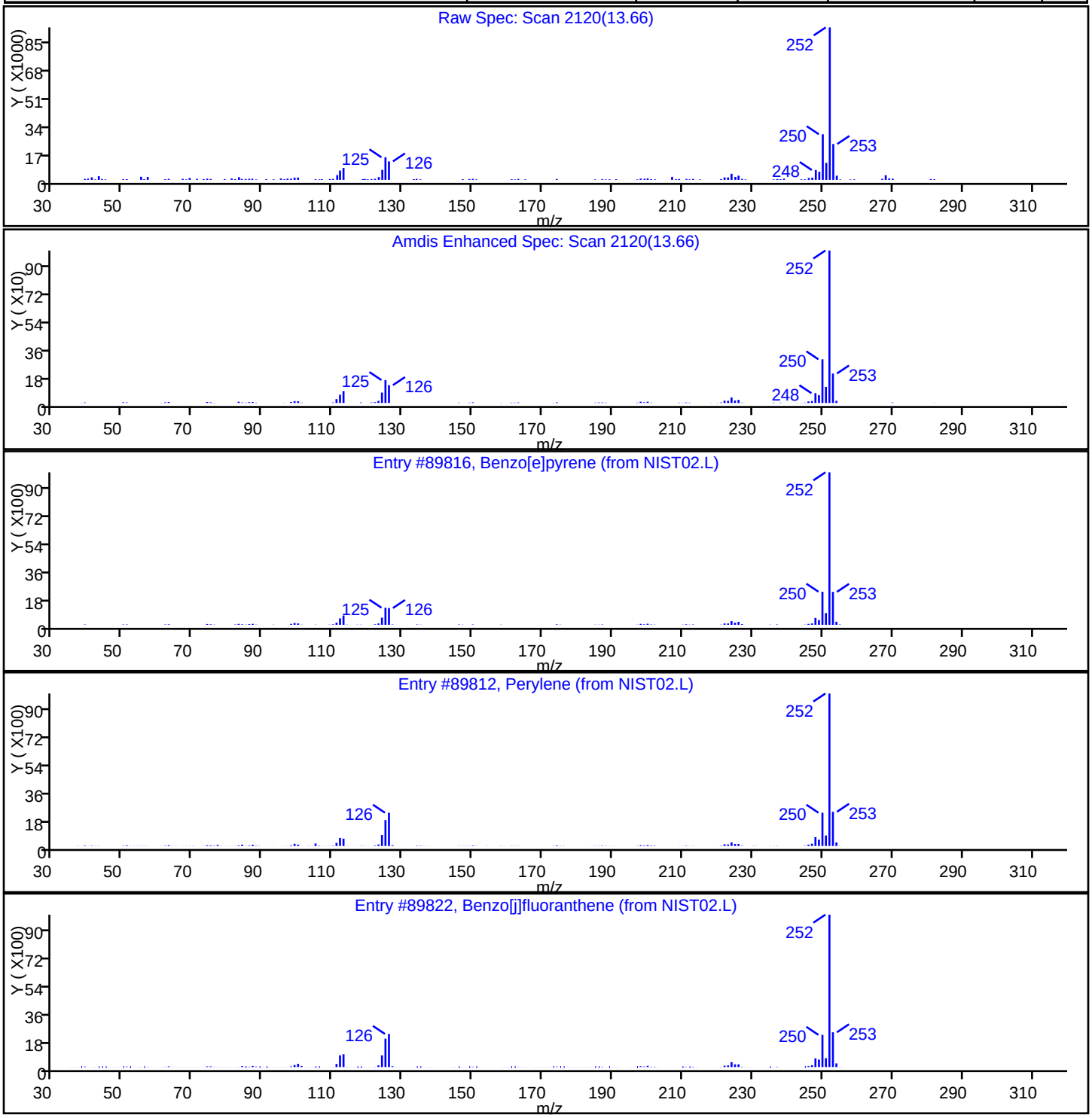
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02	89816	C20H12	252	96
Perylene	198-55-0	NIST02.L	89812	C20H12	252	93
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	89



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

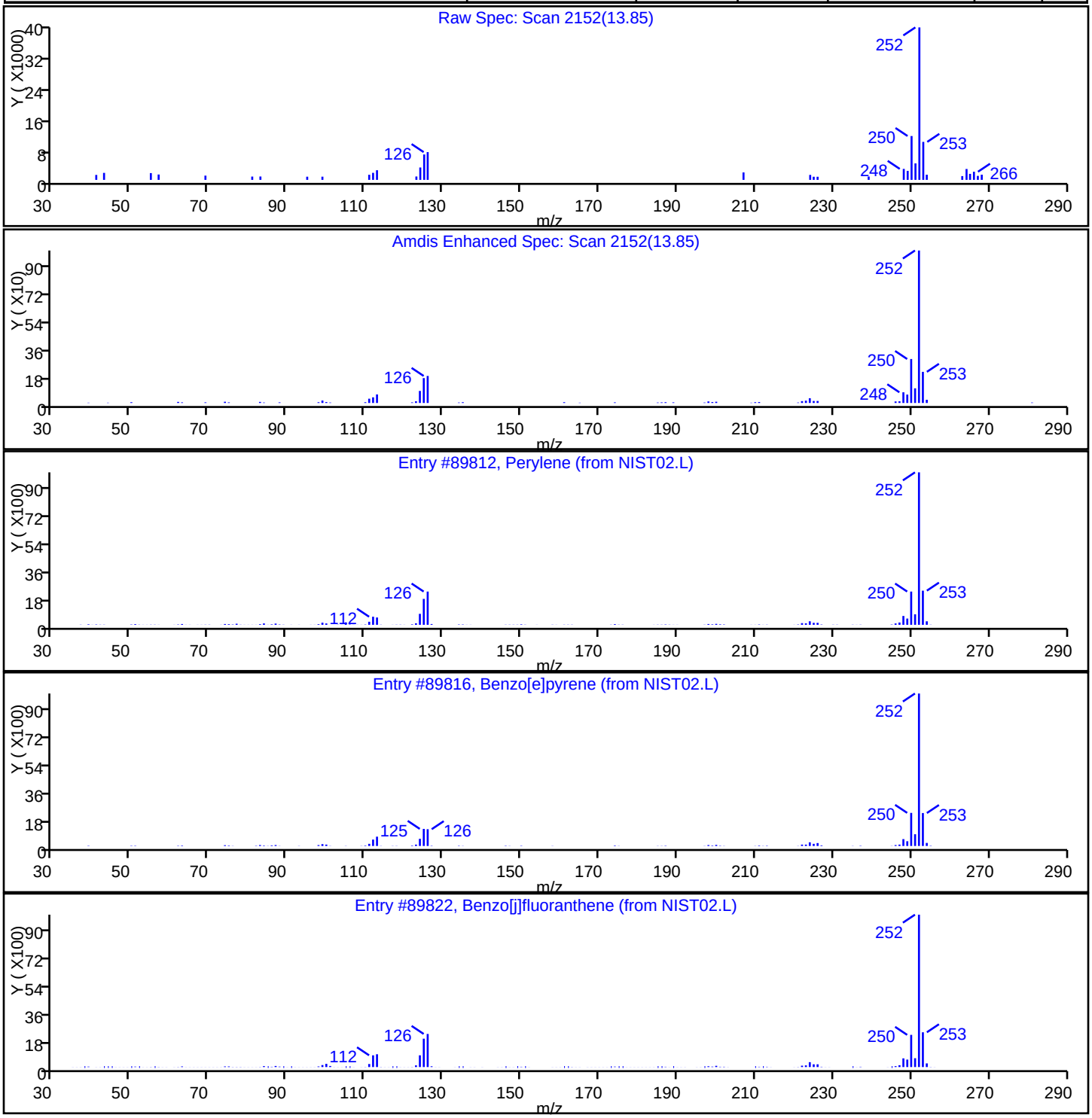
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Perylene	198-55-0	NIST02	89812	C20H12	252	98
Benzo[e]pyrene	192-97-2	NIST02.L	89816	C20H12	252	96
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	91



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

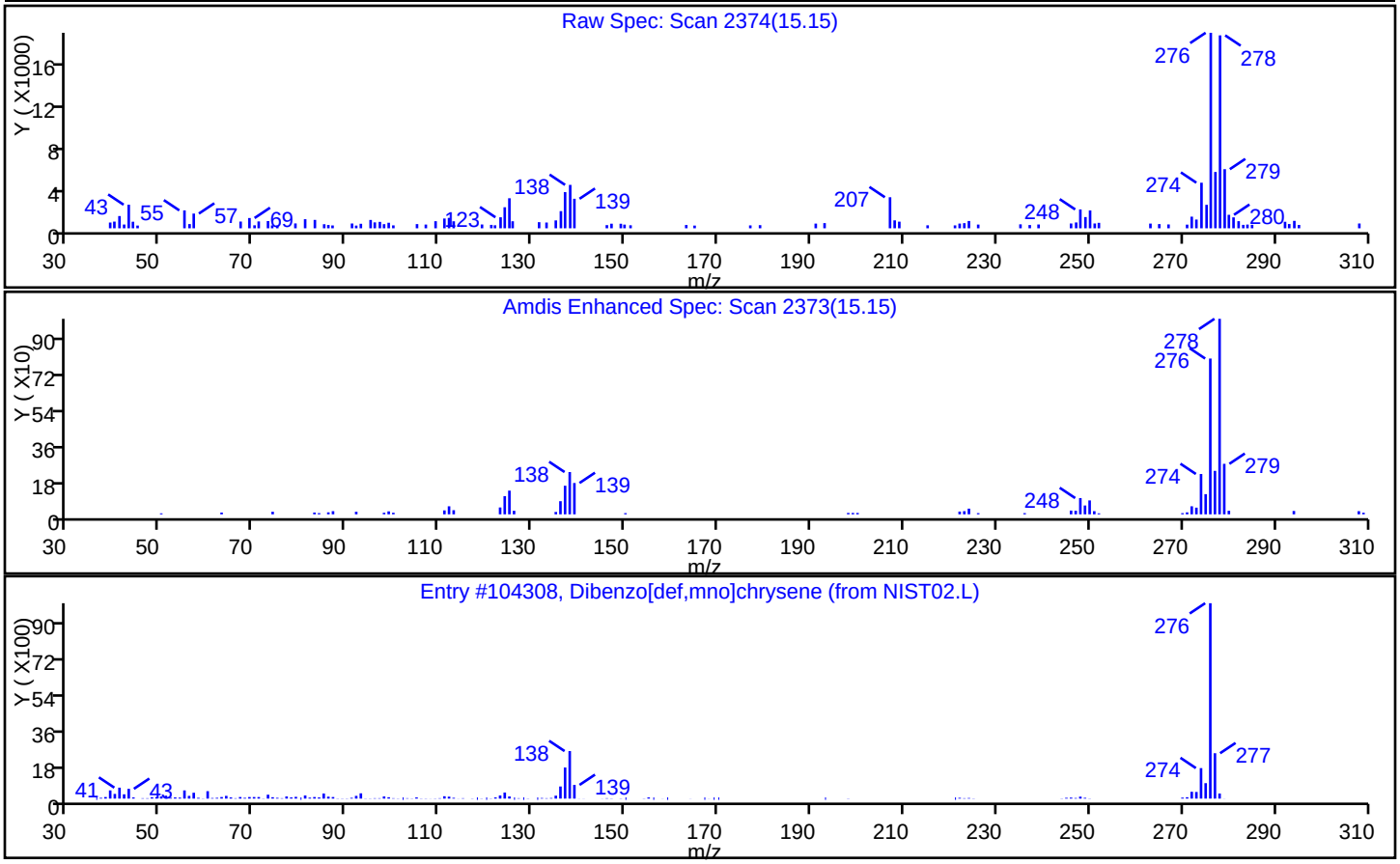
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dibenzo[def,mno]chrysene	191-26-4	NIST02	104308	C22H12	276	86



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

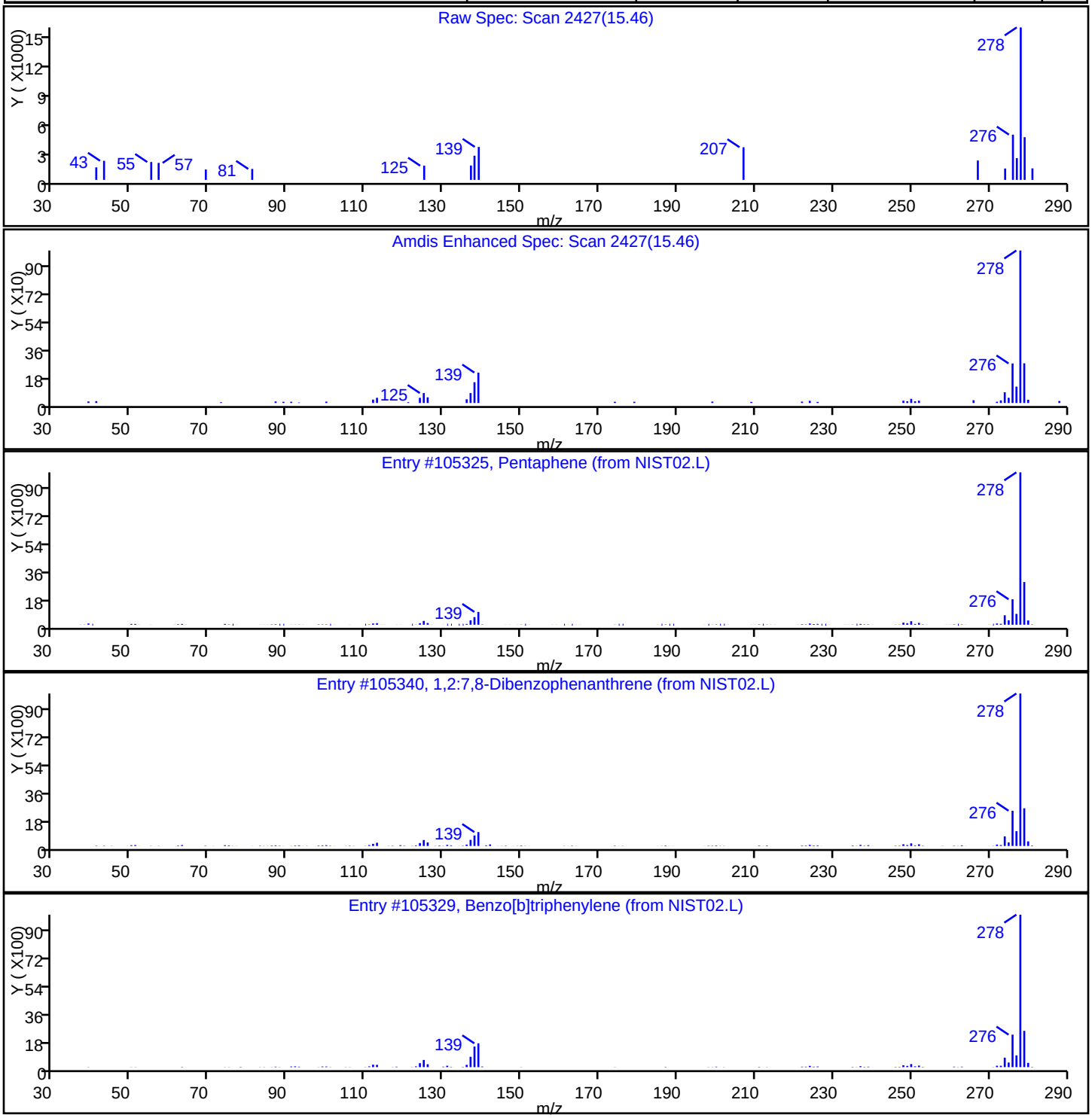
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentaphene	222-93-5	NIST02	105325	C22H14	278	97
1,2:7,8-Dibenzophenanthrene	213-46-7	NIST02.L	105340	C22H14	278	97
Benzo[b]triphenylene	215-58-7	NIST02.L	105329	C22H14	278	96



Report Date: 25-Jun-2014 11:57:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150913.D

Injection Date: 25-Jun-2014 01:36:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-6-A Lab Sample ID: 460-78044-6

Client ID: S-6

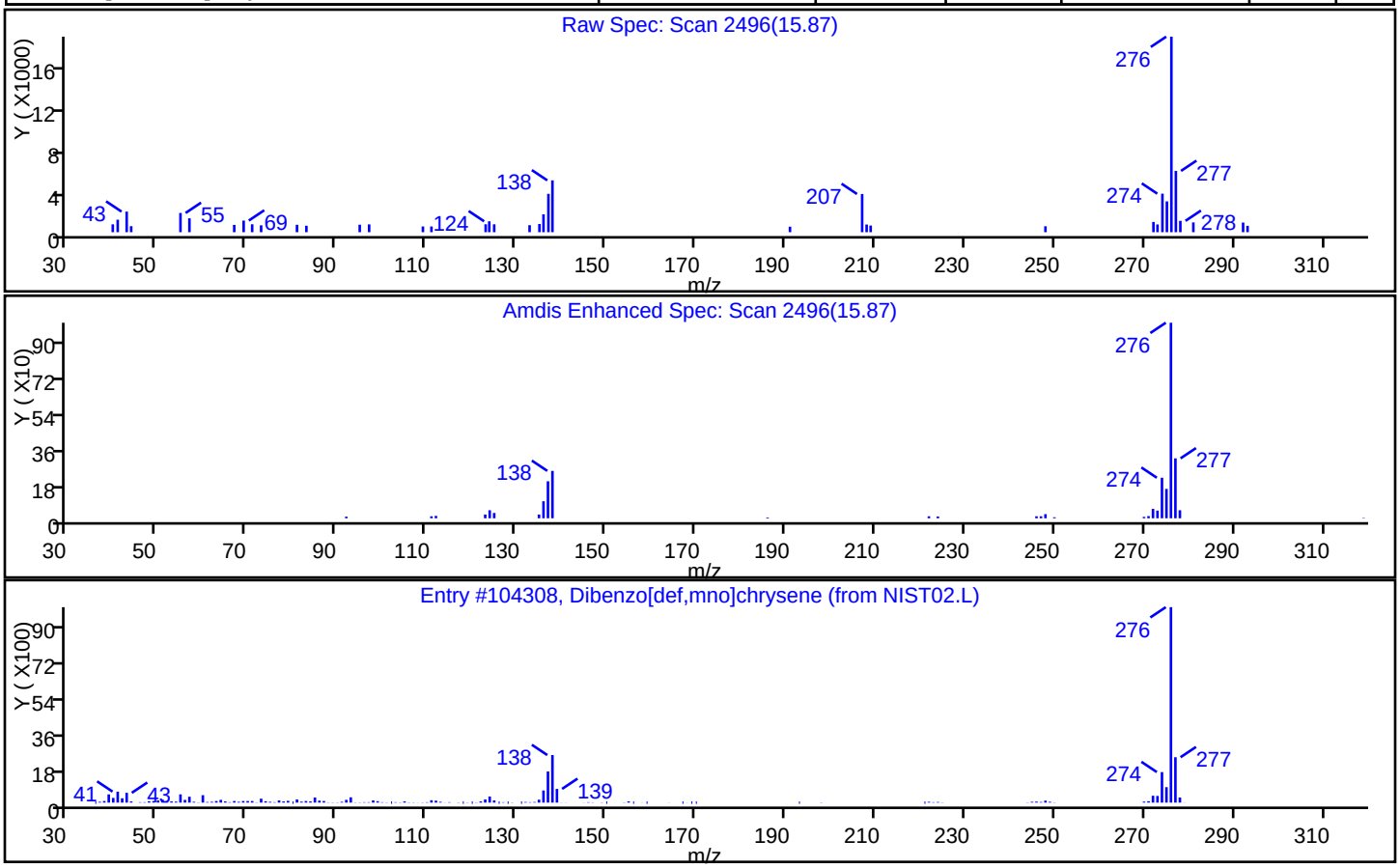
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dibenzo[def,mno]chrysene	191-26-4	NIST02	104308	C22H12	276	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 | Lab Sample ID: 460-78044-7

Matrix: Solid | Lab File ID: L1150884.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2014 11:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
120-83-2	2,4-Dichlorophenol	54	U	370	54
105-67-9	2,4-Dimethylphenol	91	U	370	91
51-28-5	2,4-Dinitrophenol	210	U	750	210
121-14-2	2,4-Dinitrotoluene	12	U	75	12
606-20-2	2,6-Dinitrotoluene	11	U	75	11
91-58-7	2-Chloronaphthalene	41	U	370	41
95-57-8	2-Chlorophenol	49	U	370	49
91-57-6	2-Methylnaphthalene	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
88-74-4	2-Nitroaniline	150	U	370	150
88-75-5	2-Nitrophenol	41	U	370	41
91-94-1	3,3'-Dichlorobenzidine	130	U	370	130
99-09-2	3-Nitroaniline	130	U	370	130
534-52-1	4,6-Dinitro-2-methylphenol	100	U	750	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
106-47-8	4-Chloroaniline	98	U	370	98
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
106-44-5	4-Methylphenol	73	U	370	73
100-01-6	4-Nitroaniline	120	U	750	120
100-02-7	4-Nitrophenol	240	U	370	240
83-32-9	Acenaphthene	72	J	370	54
208-96-8	Acenaphthylene	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
120-12-7	Anthracene	180	J	370	45
1912-24-9	Atrazine	57	U	370	57
100-52-7	Benzaldehyde	44	U	370	44
56-55-3	Benzo[a]anthracene	480		37	2.6
50-32-8	Benzo[a]pyrene	510		37	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 | Lab Sample ID: 460-78044-7

Matrix: Solid | Lab File ID: L1150884.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2014 11:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	800		37	2.3
191-24-2	Benzo[g,h,i]perylene	130	J *	370	27
207-08-9	Benzo[k]fluoranthene	280		37	2.8
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
85-68-7	Butyl benzyl phthalate	34	U	370	34
105-60-2	Caprolactam	85	U	370	85
86-74-8	Carbazole	59	J	370	44
218-01-9	Chrysene	540		370	43
53-70-3	Dibenz(a,h)anthracene	64		37	4.7
132-64-9	Dibenzofuran	63	J	370	43
84-66-2	Diethyl phthalate	44	U	370	44
131-11-3	Dimethyl phthalate	44	U	370	44
84-74-2	Di-n-butyl phthalate	82	J	370	46
117-84-0	Di-n-octyl phthalate	24	U	370	24
92-52-4	Diphenyl	50	U	370	50
206-44-0	Fluoranthene	1200		370	49
86-73-7	Fluorene	91	J	370	47
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
67-72-1	Hexachloroethane	4.1	U	37	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	180		37	6.9
78-59-1	Isophorone	45	U	370	45
91-20-3	Naphthalene	86	J	370	43
98-95-3	Nitrobenzene	5.3	U *	37	5.3
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
87-86-5	Pentachlorophenol	110	U	750	110
85-01-8	Phenanthrene	870		370	47
108-95-2	Phenol	50	U	370	50
129-00-0	Pyrene	680		370	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: L1150884.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3541 Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) Date Analyzed: 06/24/2014 11:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	86		19-114
321-60-8	2-Fluorobiphenyl	91		49-112
367-12-4	2-Fluorophenol	78		39-103
4165-60-0	Nitrobenzene-d5	86		40-106
4165-62-2	Phenol-d5	82		44-104
1718-51-0	Terphenyl-d14	66		41-145

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: L1150884.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3541 Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) Date Analyzed: 06/24/2014 11:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 570

CAS NO.	COMPOUND NAME	RT	RESULT	Q
198-55-0	Perylene	13.67	570	J N

Report Date: 24-Jun-2014 16:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D
Lims ID: 460-78044-F-7-A Lab Sample ID: 460-78044-7
Client ID: S-7
Sample Type: Client
Inject. Date: 24-Jun-2014 11:37:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-022
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:26 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 12:14:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.210	3.187	0.023	89	93928	39.2	
$ 6 Phenol-d5	99	4.116	4.122	-0.006	67	120733	40.9	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	75816	40.0	
21 4-Methylphenol	108	4.904	4.904	0.000	40	1008	0.4303	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	95	106396	42.8	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	265363	40.0	
36 Naphthalene	128	5.816	5.816	0.000	58	7605	1.15	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	58	2138	0.4881	
$ 48 2-Fluorobiphenyl	172	6.875	6.881	-0.006	98	209477	45.4	
49 1,1'-Biphenyl	154	6.975	6.981	-0.005	1	1042	0.2018	
59 Acenaphthylene	152	7.410	7.416	-0.006	62	2022	0.3500	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	141773	40.0	
62 Acenaphthene	154	7.581	7.586	-0.005	77	3603	0.9679	
66 Dibenzofuran	168	7.751	7.757	-0.006	81	4592	0.8453	
70 Fluorene	166	8.092	8.098	-0.006	77	5310	1.23	
$ 76 2,4,6-Tribromophenol	330	8.328	8.333	-0.005	95	28815	43.2	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	215585	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	95	67008	11.7	
85 Anthracene	178	9.092	9.098	-0.006	92	14201	2.43	
86 Carbazole	167	9.251	9.257	-0.006	19	3918	0.7893	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	92	6361	1.11	
88 Fluoranthene	202	10.216	10.221	-0.005	98	94605	16.6	
90 Pyrene	202	10.451	10.457	-0.006	97	93707	9.16	
$ 91 Terphenyl-d14	244	10.610	10.616	-0.006	99	232800	32.8	
95 Benzo[a]anthracene	228	11.839	11.845	-0.006	86	56746	6.47	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	99	331871	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	38	4003	0.7433	
97 Chrysene	228	11.886	11.898	-0.012	95	57527	7.20	
100 Benzo[b]fluoranthene	252	13.298	13.304	-0.006	97	62176	10.7	
101 Benzo[k]fluoranthene	252	13.333	13.345	-0.012	90	22687	3.71	
102 Benzo[a]pyrene	252	13.751	13.762	-0.011	96	38275	6.89	
* 103 Perylene-d12	264	13.833	13.839	-0.006	98	231101	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
104 Indeno[1,2,3-cd]pyrene	276	15.315	15.321	-0.006	97	14418	2.47	
105 Dibenz(a,h)anthracene	278	15.339	15.356	-0.017	37	4360	0.8616	
106 Benzo[g,h,i]perylene	276	15.692	15.703	-0.011	80	11122	1.76	

Report Date: 24-Jun-2014 16:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D
Lims ID: 460-78044-F-7-A Lab Sample ID: 460-78044-7
Client ID: S-7
Sample Type: Client
Inject. Date: 24-Jun-2014 11:37:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-022
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:26 Calib Date: 23-Jun-2014 03:25:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 12:14:03

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
198-55-0 Perylene								
13.674	126527	7.60	103	99	89813	C20H12	252	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	13.833	666260	40.0

QC Flag Legend

Processing Flags

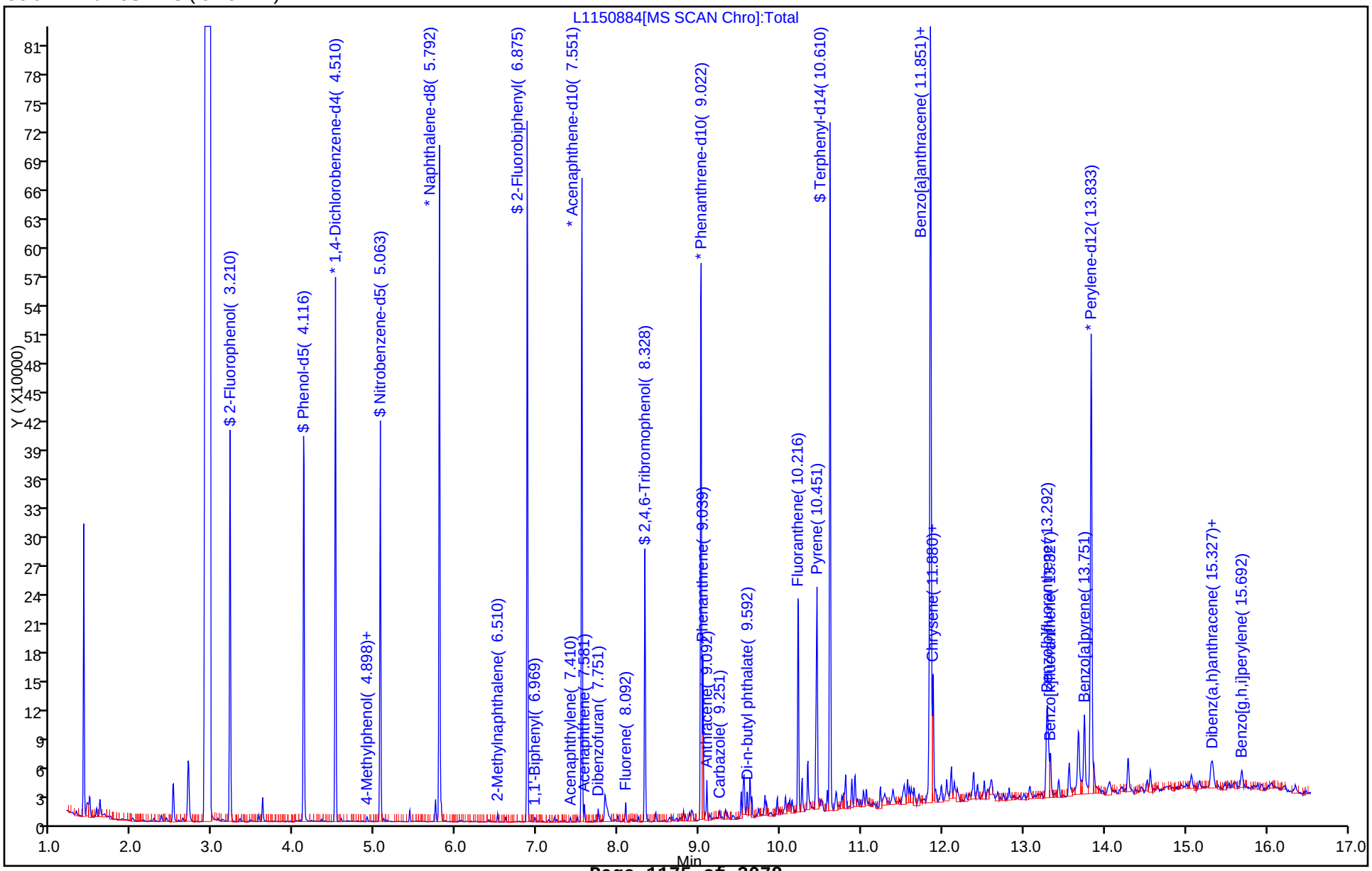
Report Date: 24-Jun-2014 16:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7	Worklist Smp#:	22
Client ID:	S-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



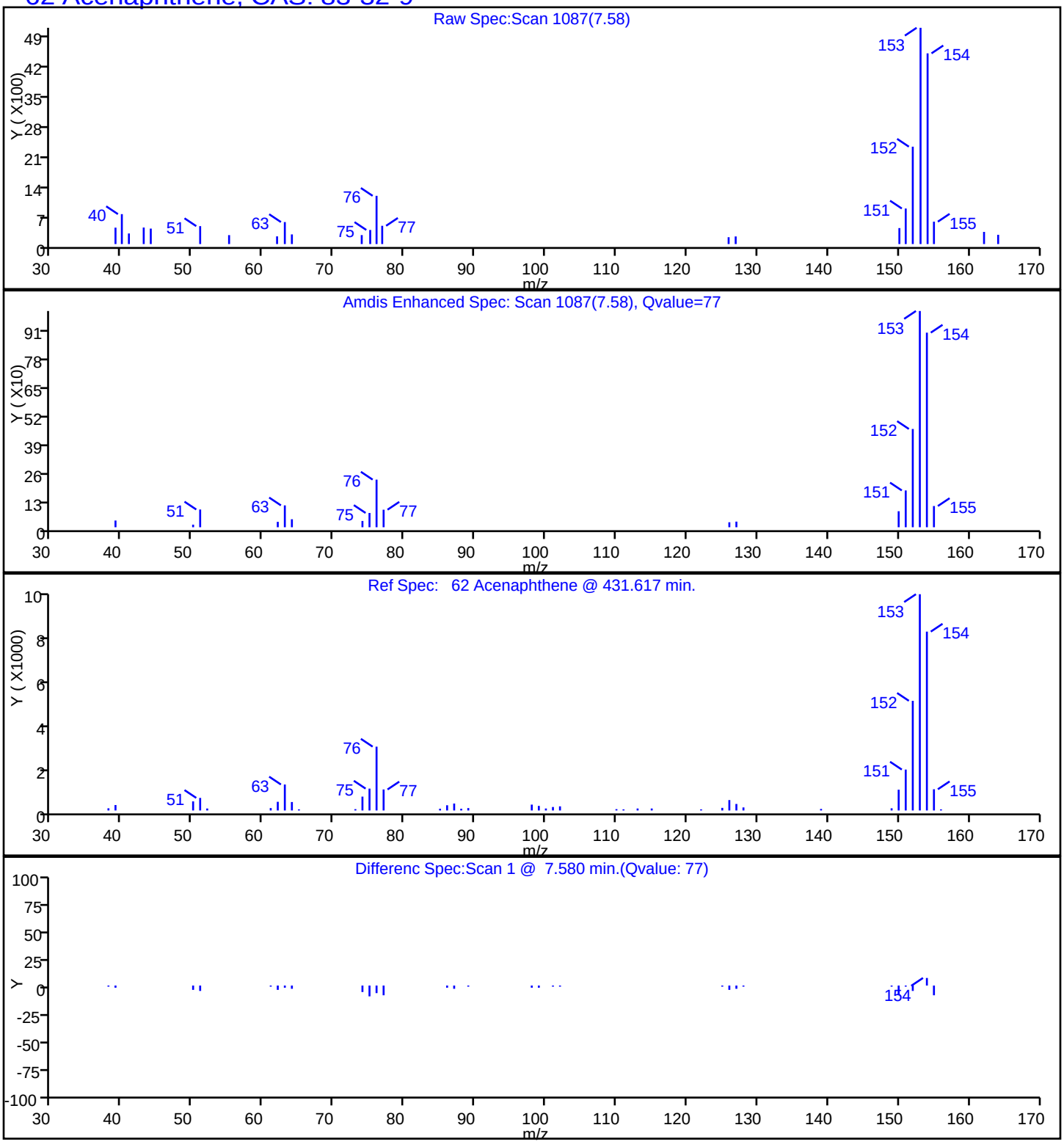
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



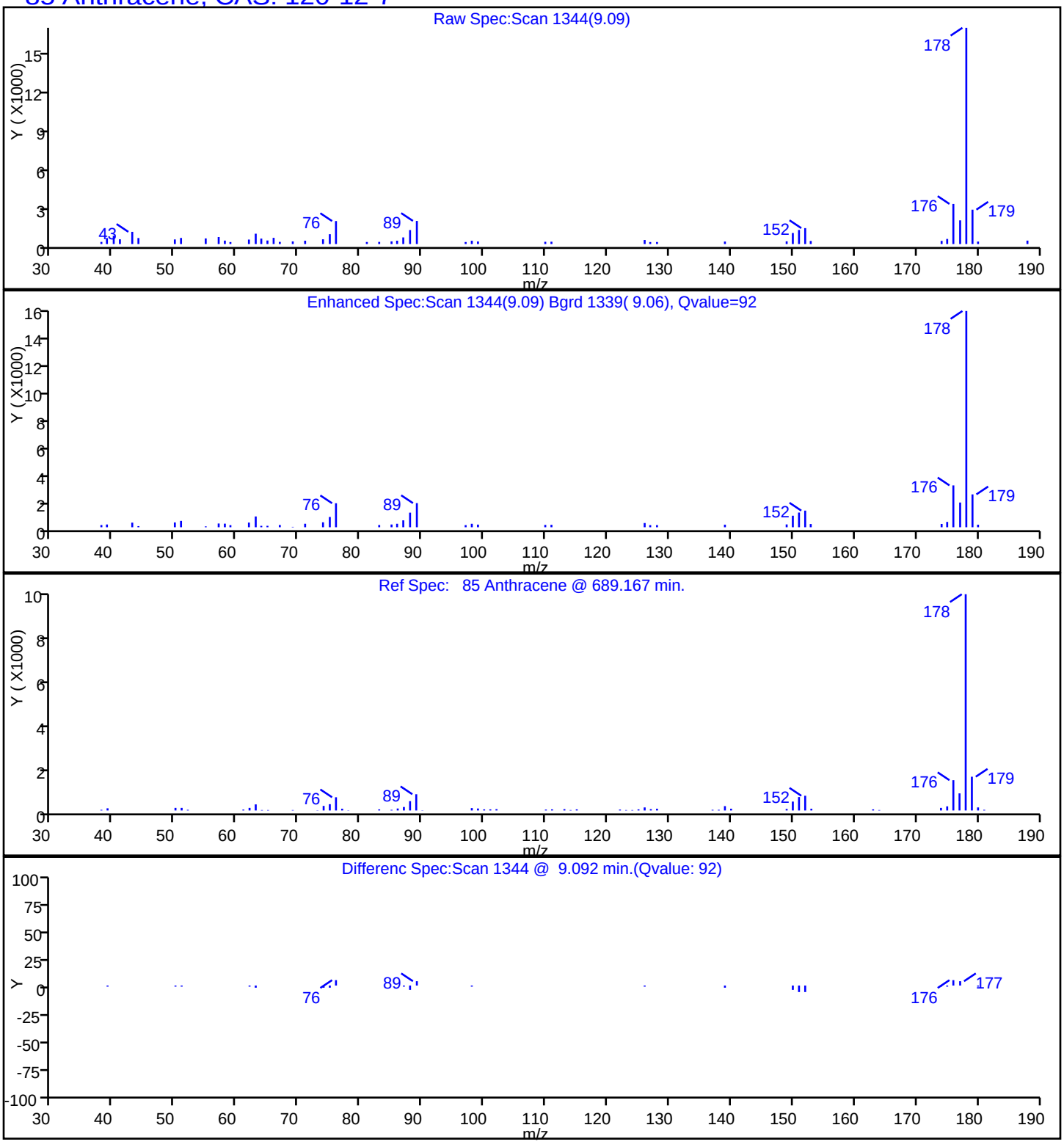
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



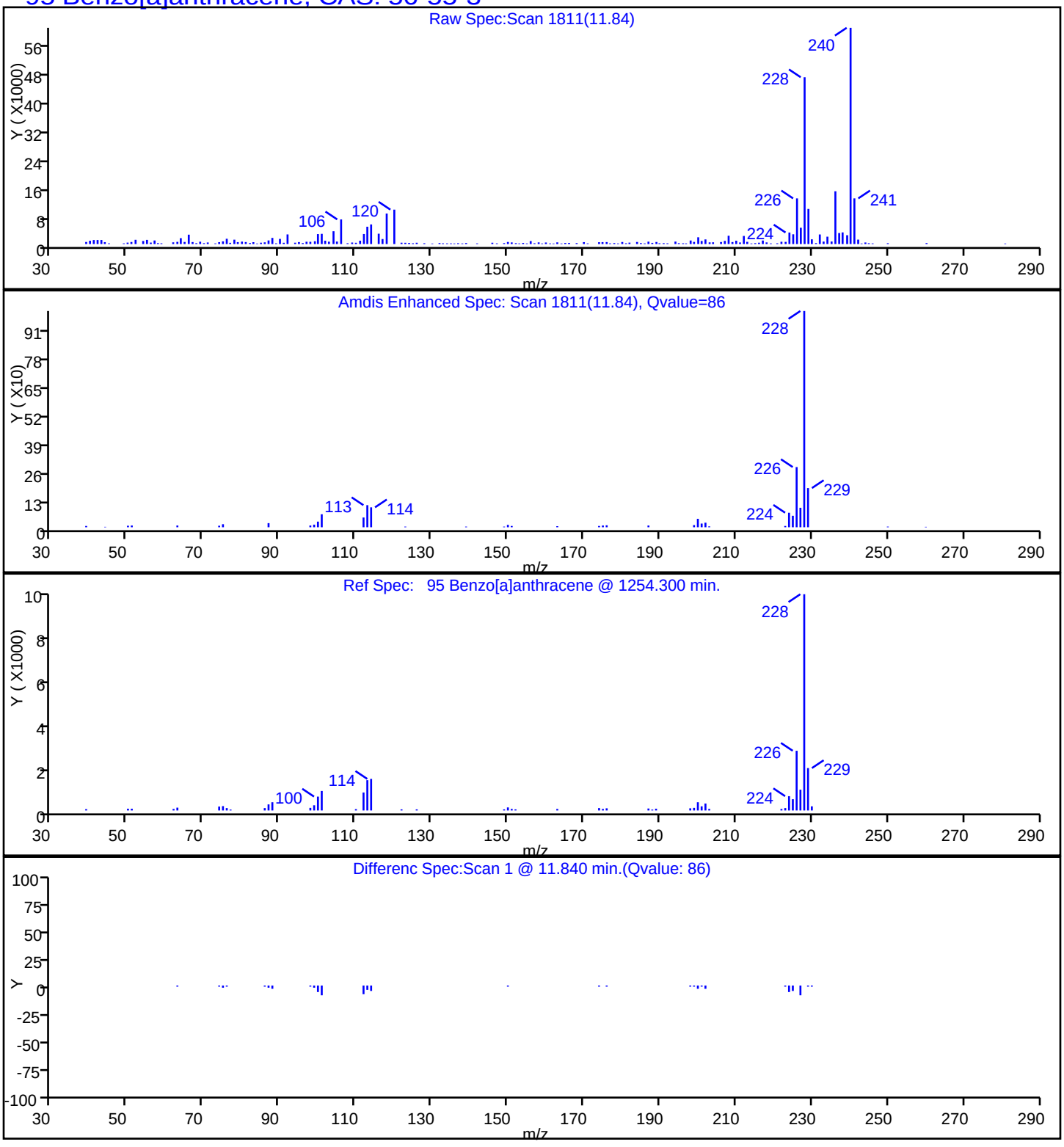
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Benzo[a]anthracene, CAS: 56-55-3

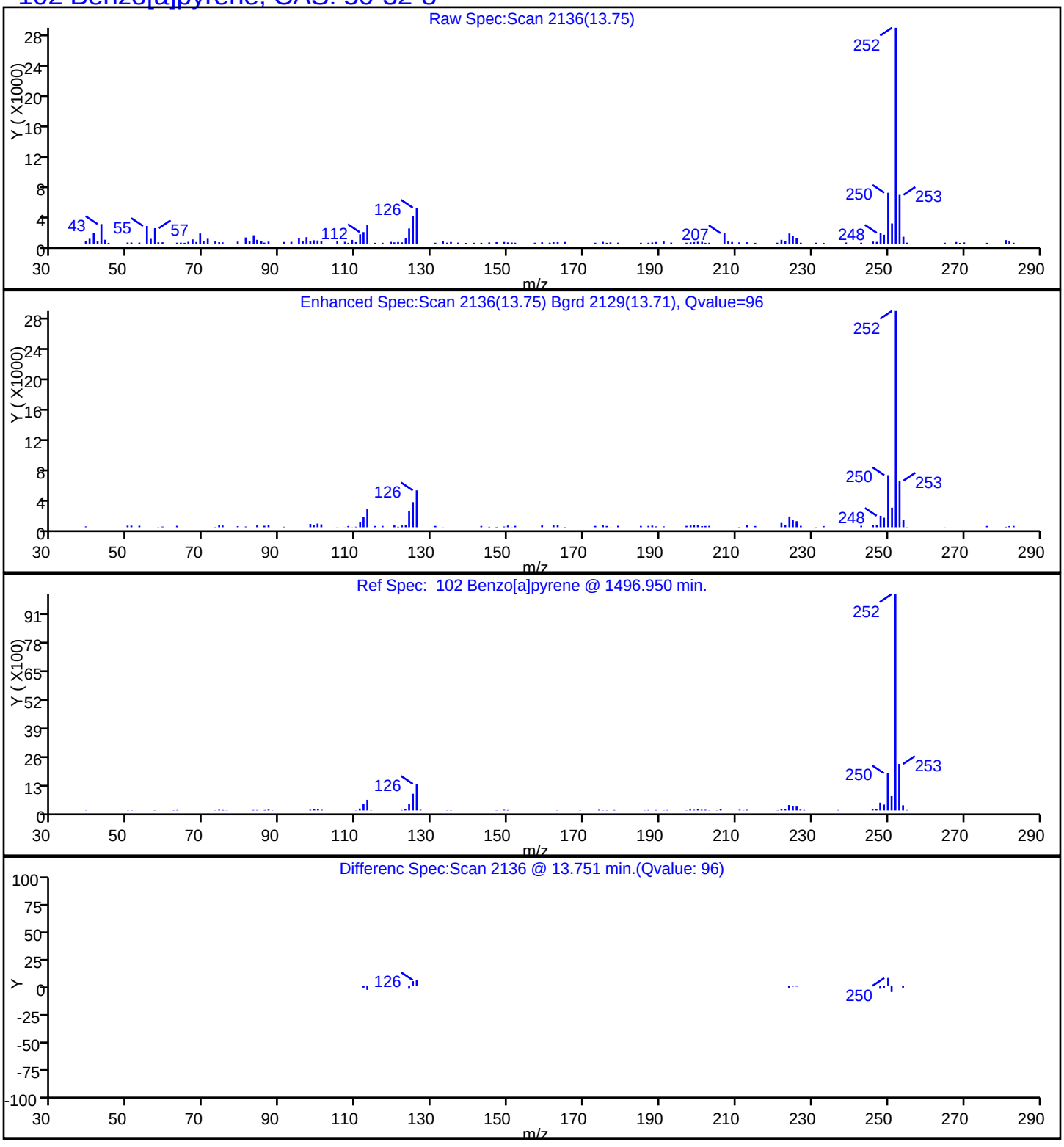


Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D				
Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8

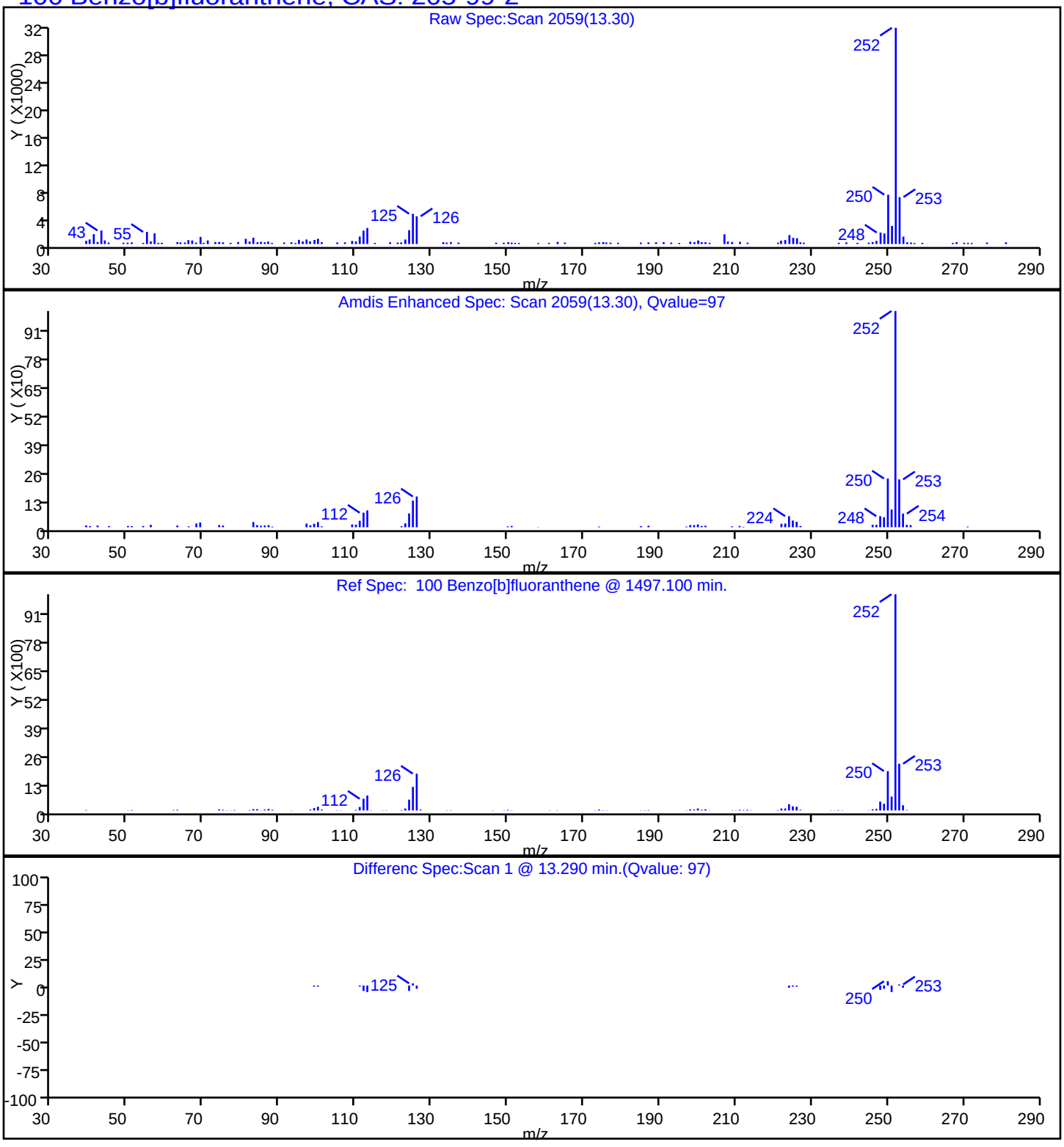


Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D				
Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



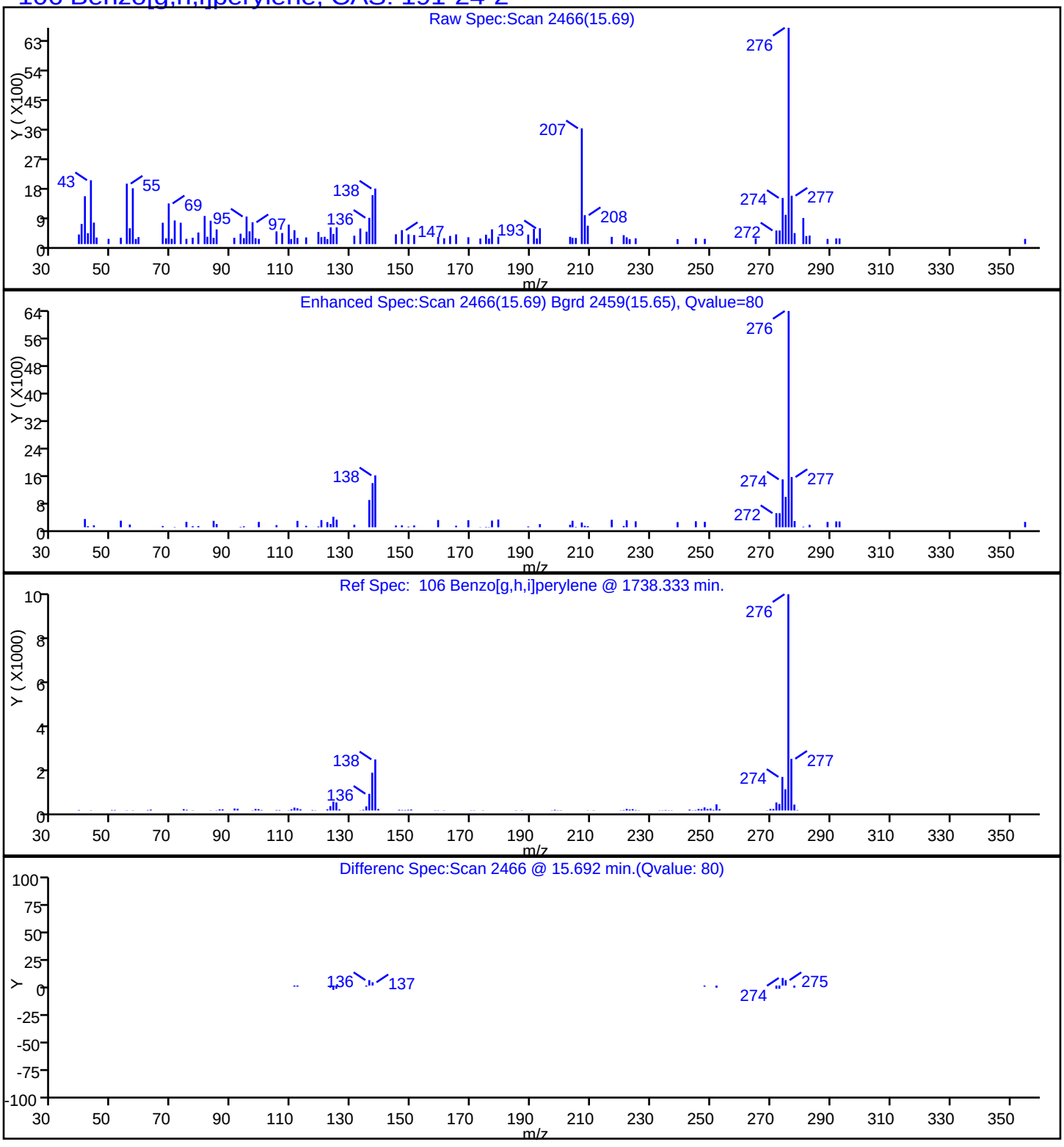
Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2

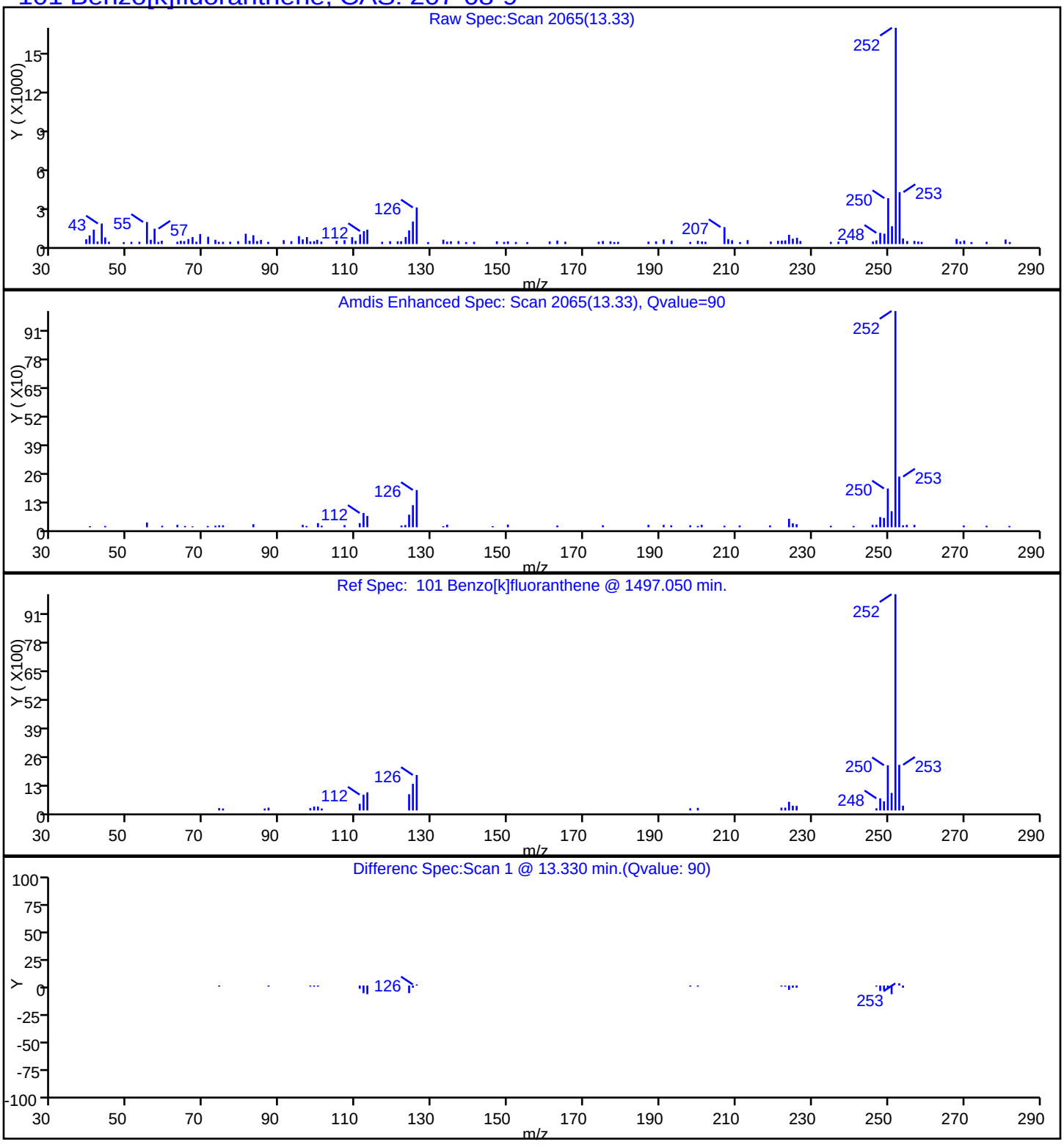


Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D				
Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



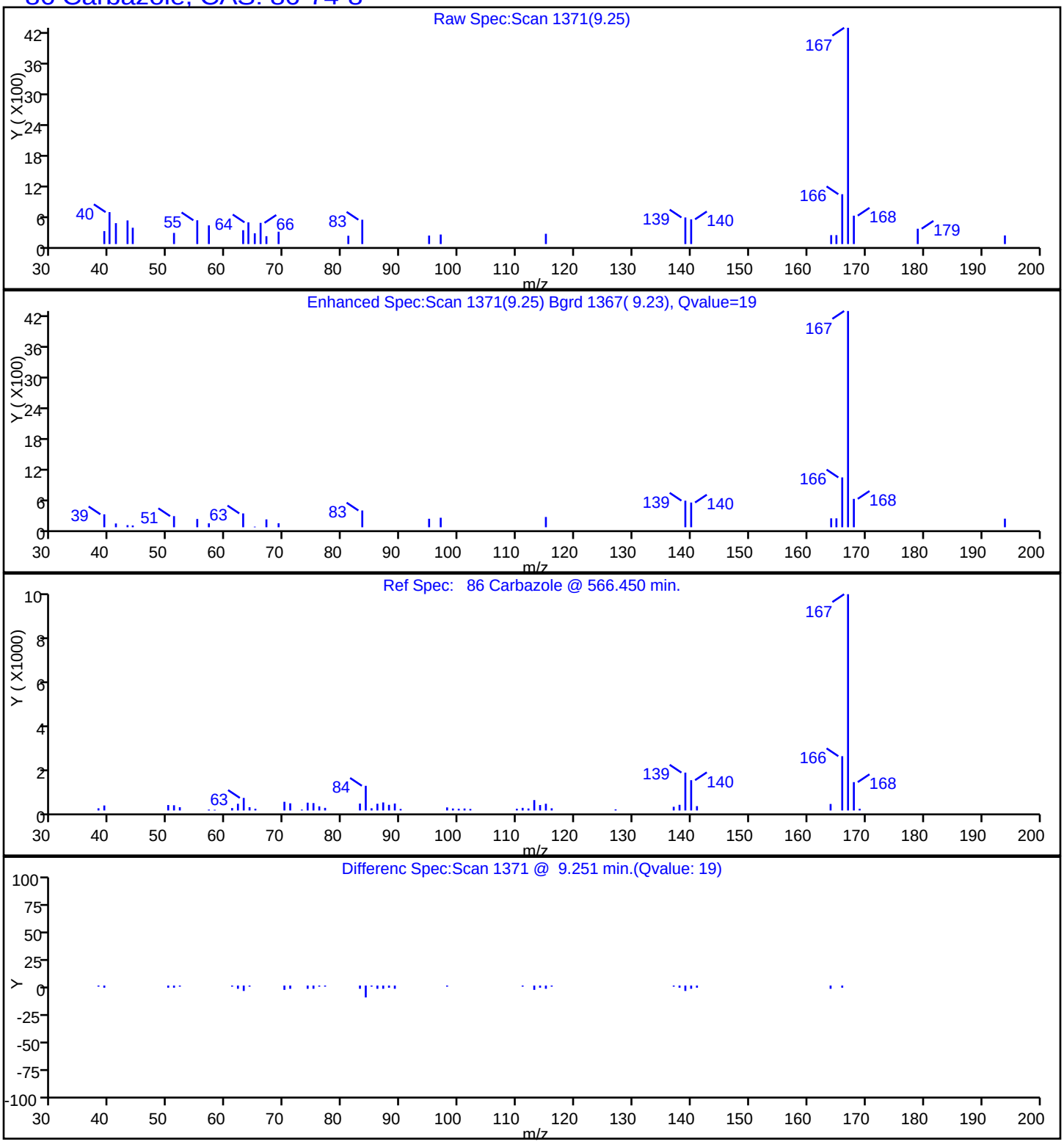
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



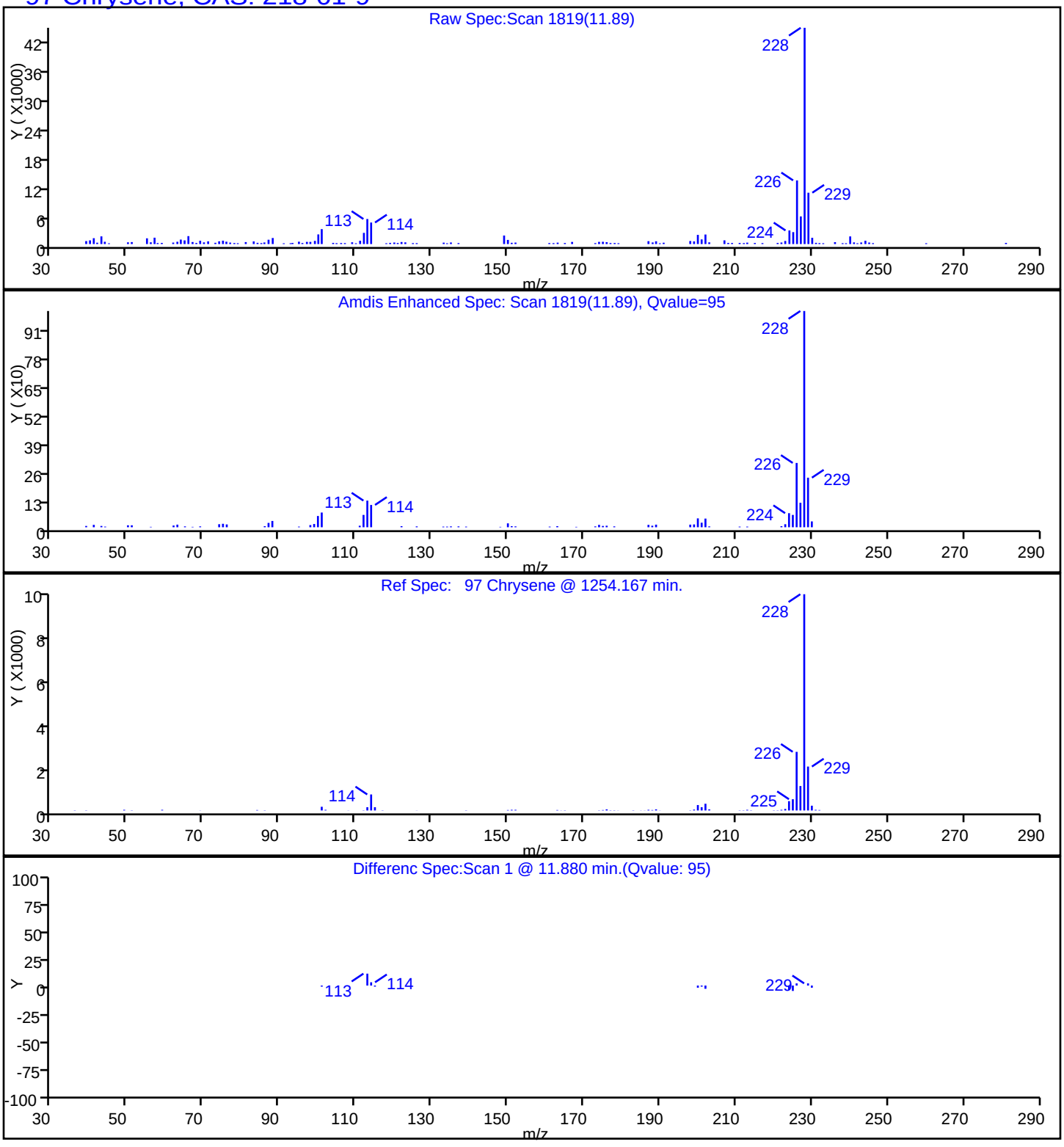
Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9



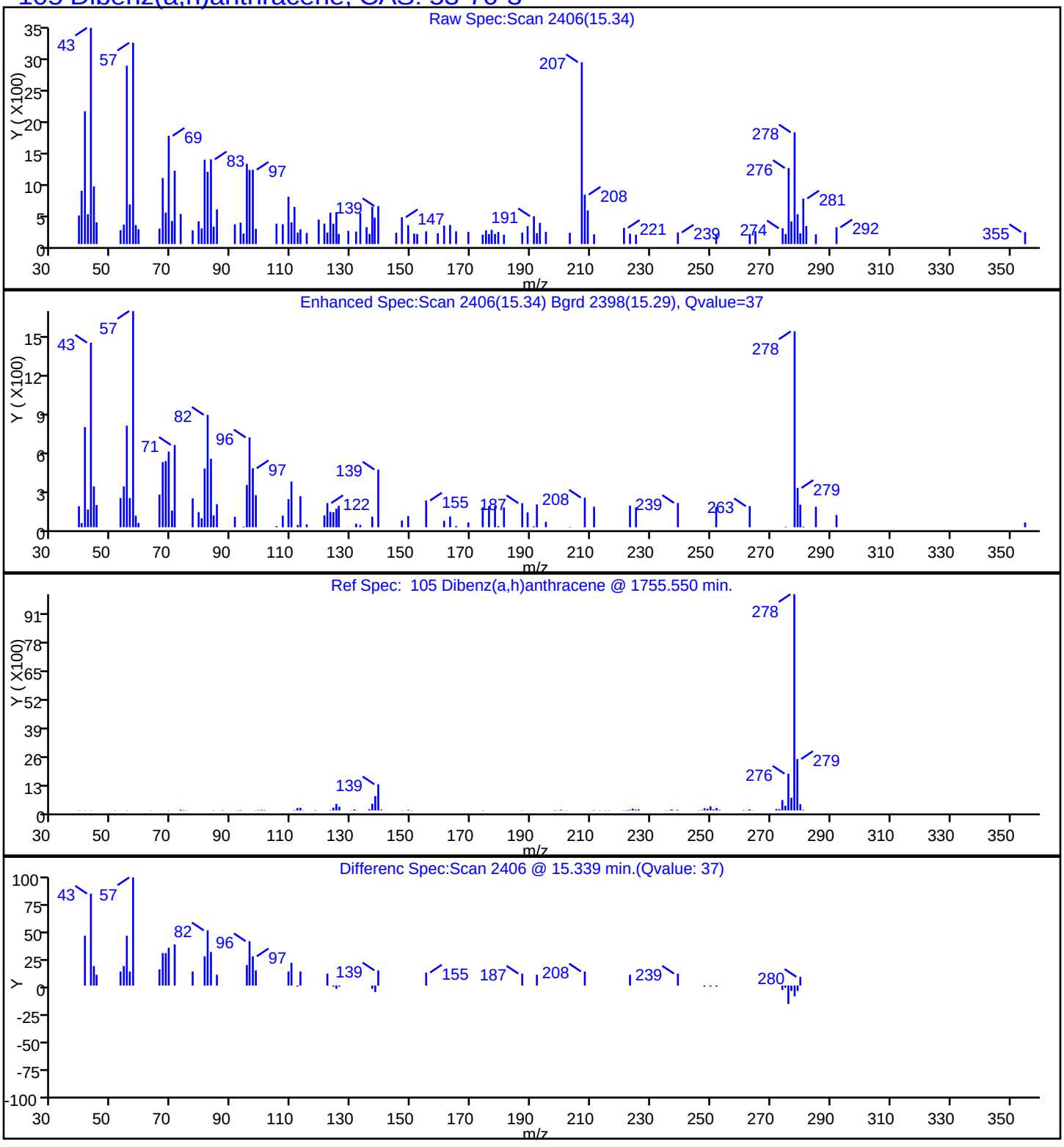
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



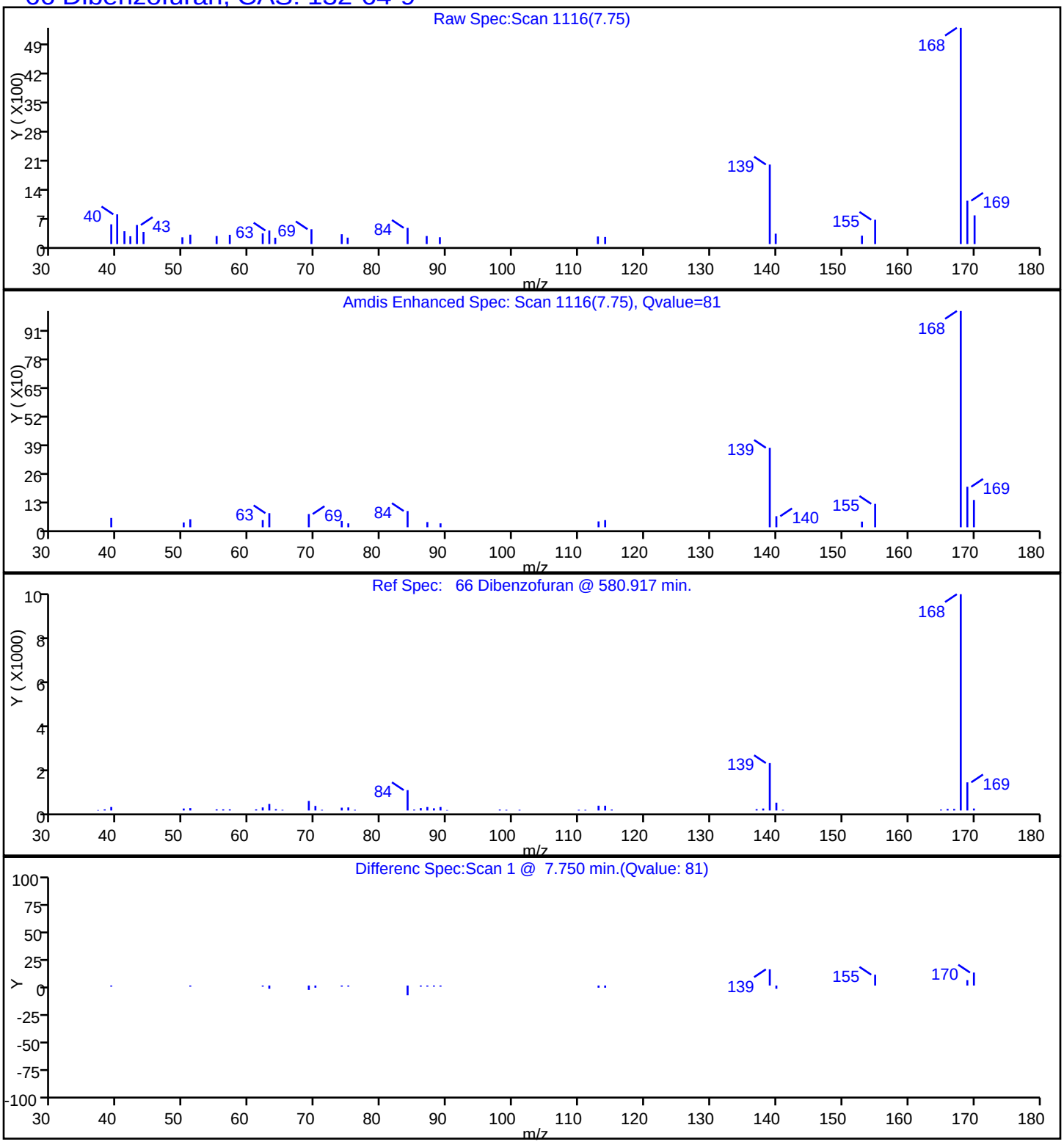
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



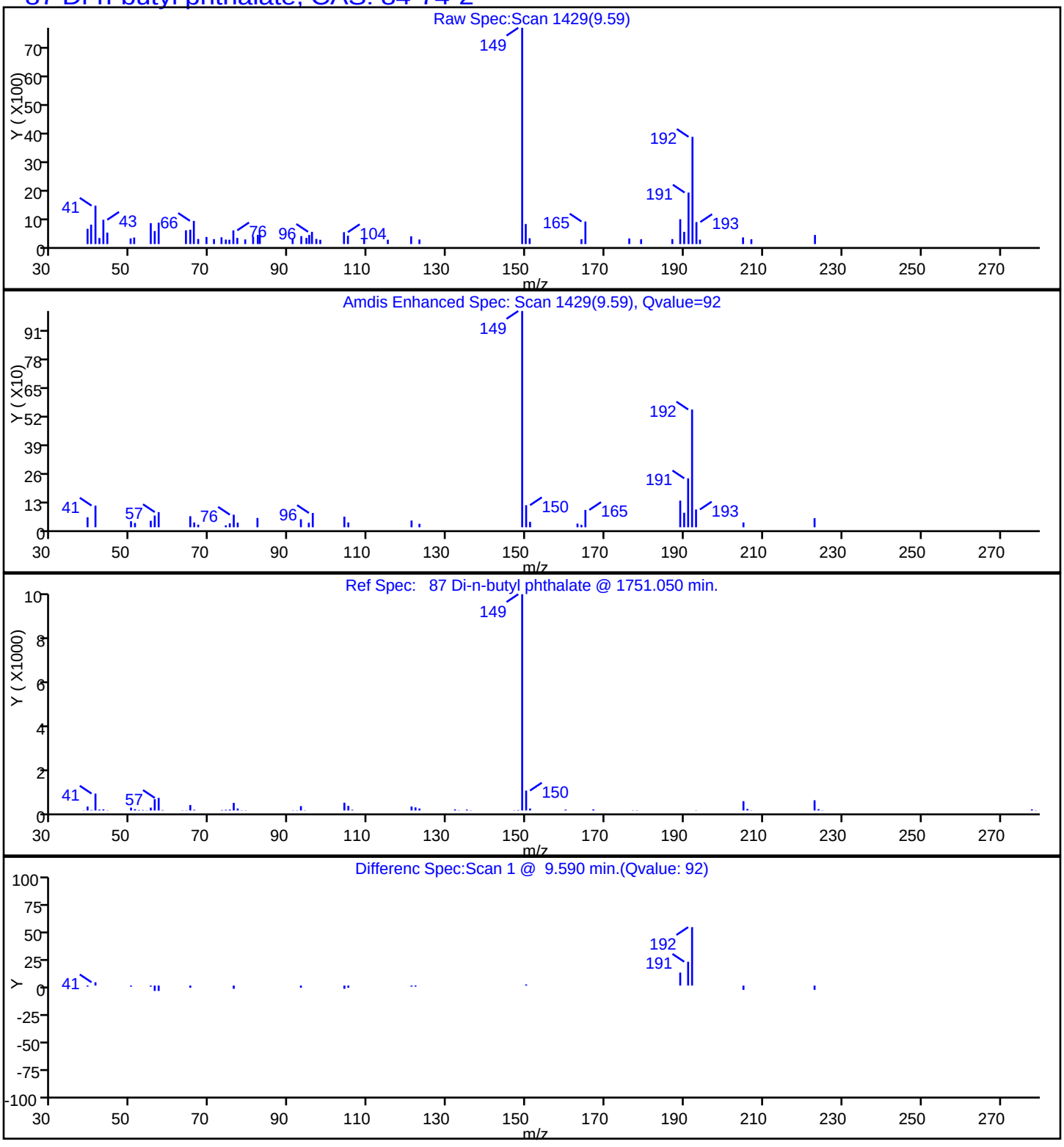
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Di-n-butyl phthalate, CAS: 84-74-2



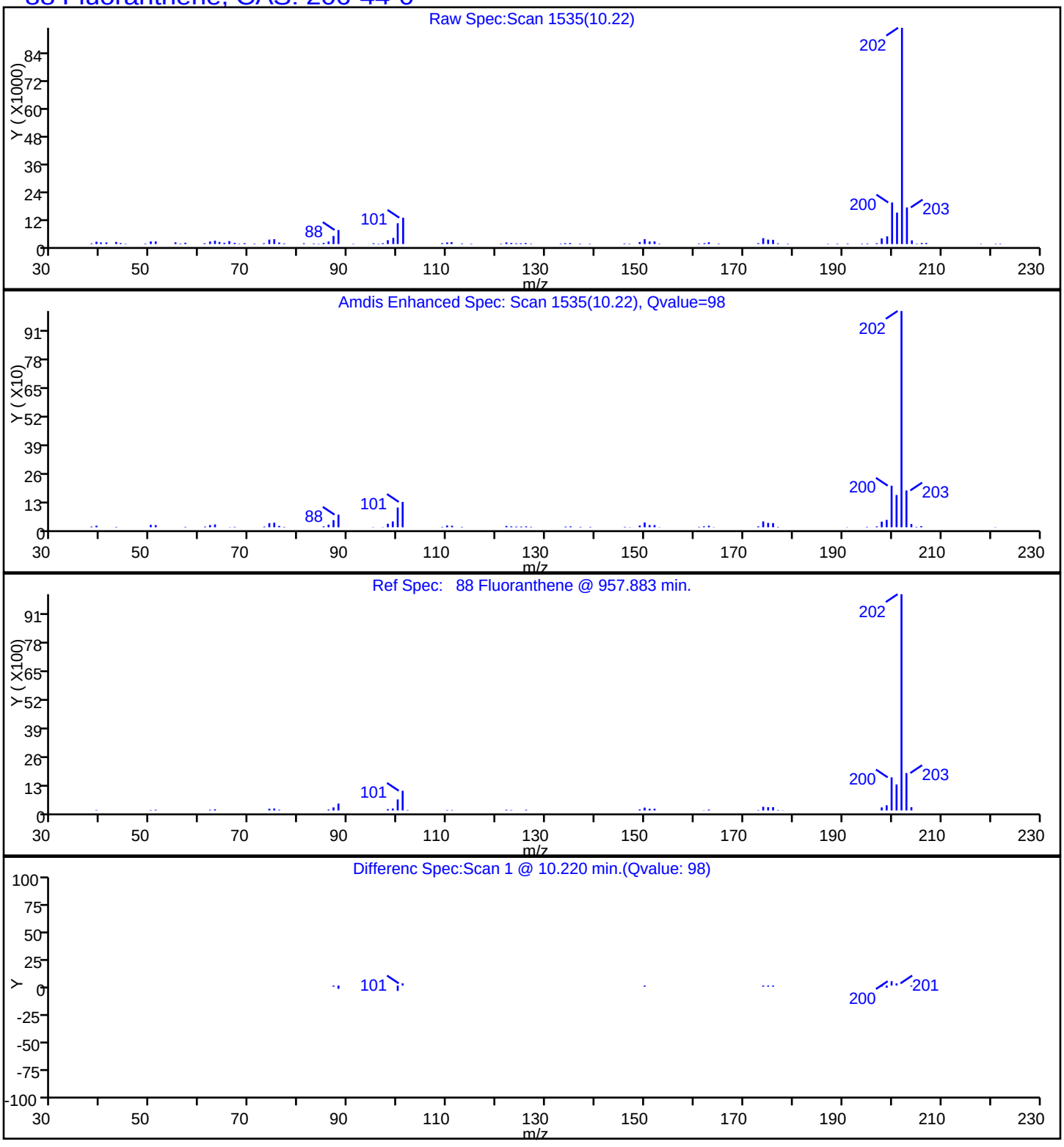
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



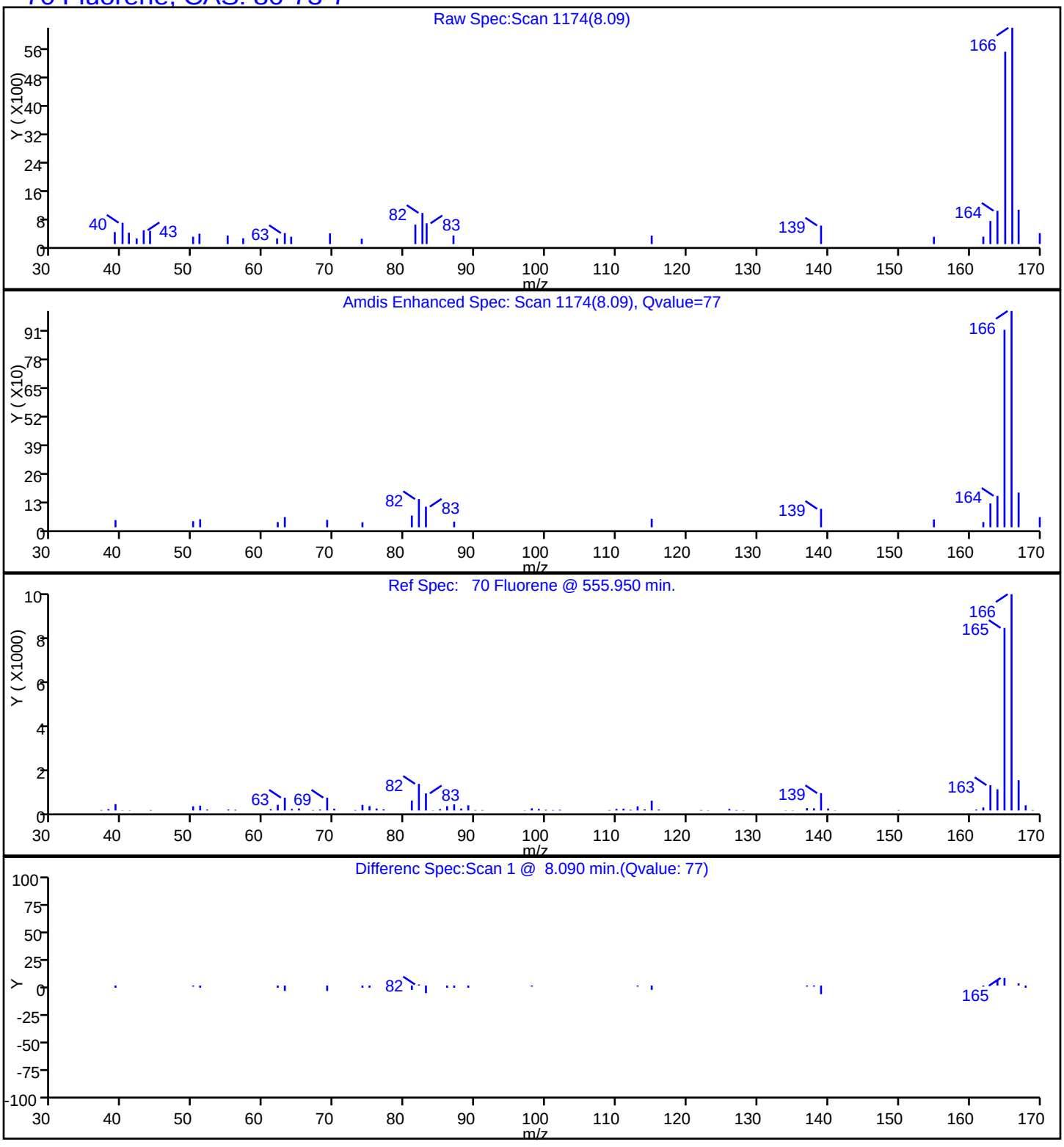
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



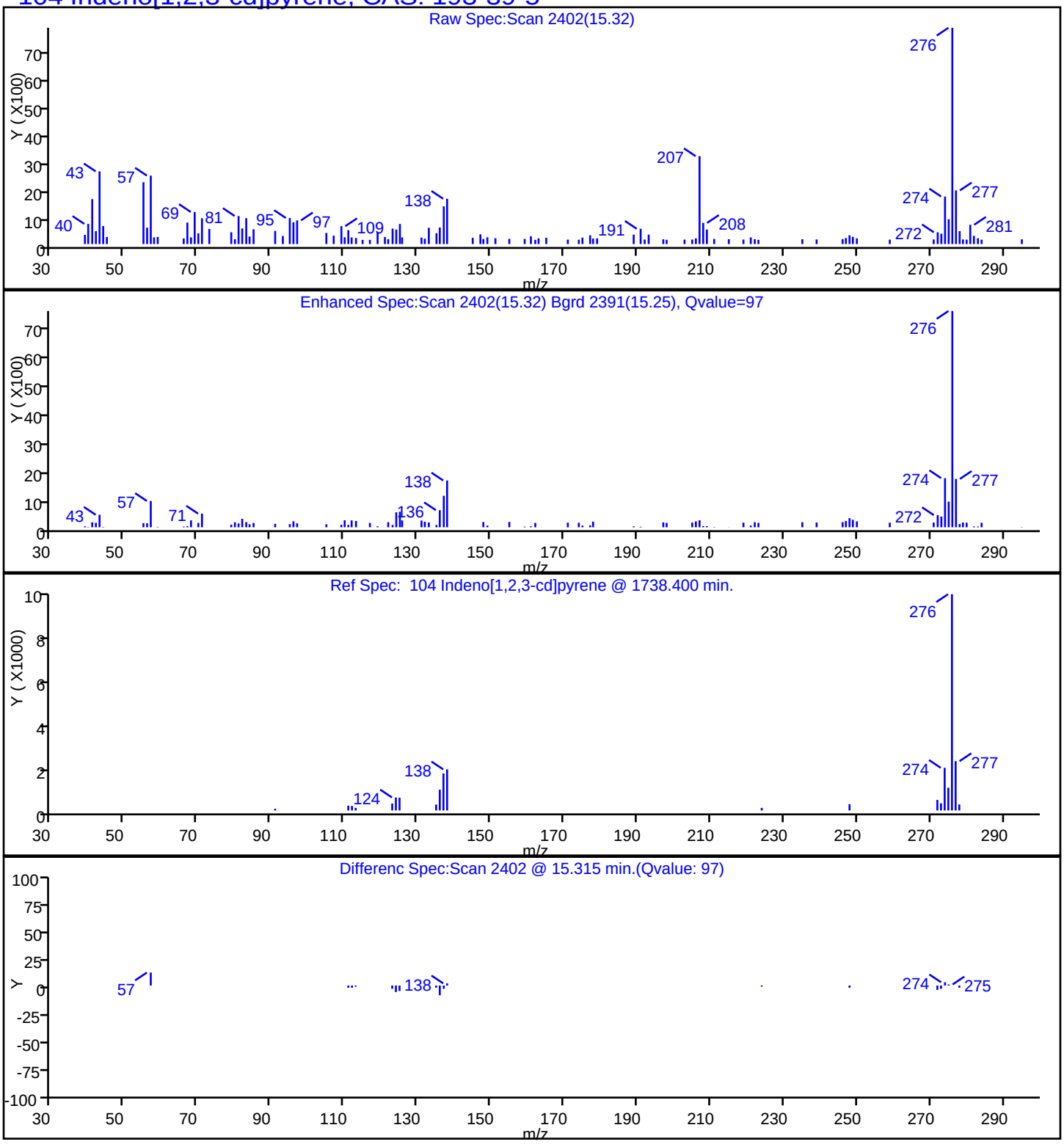
Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

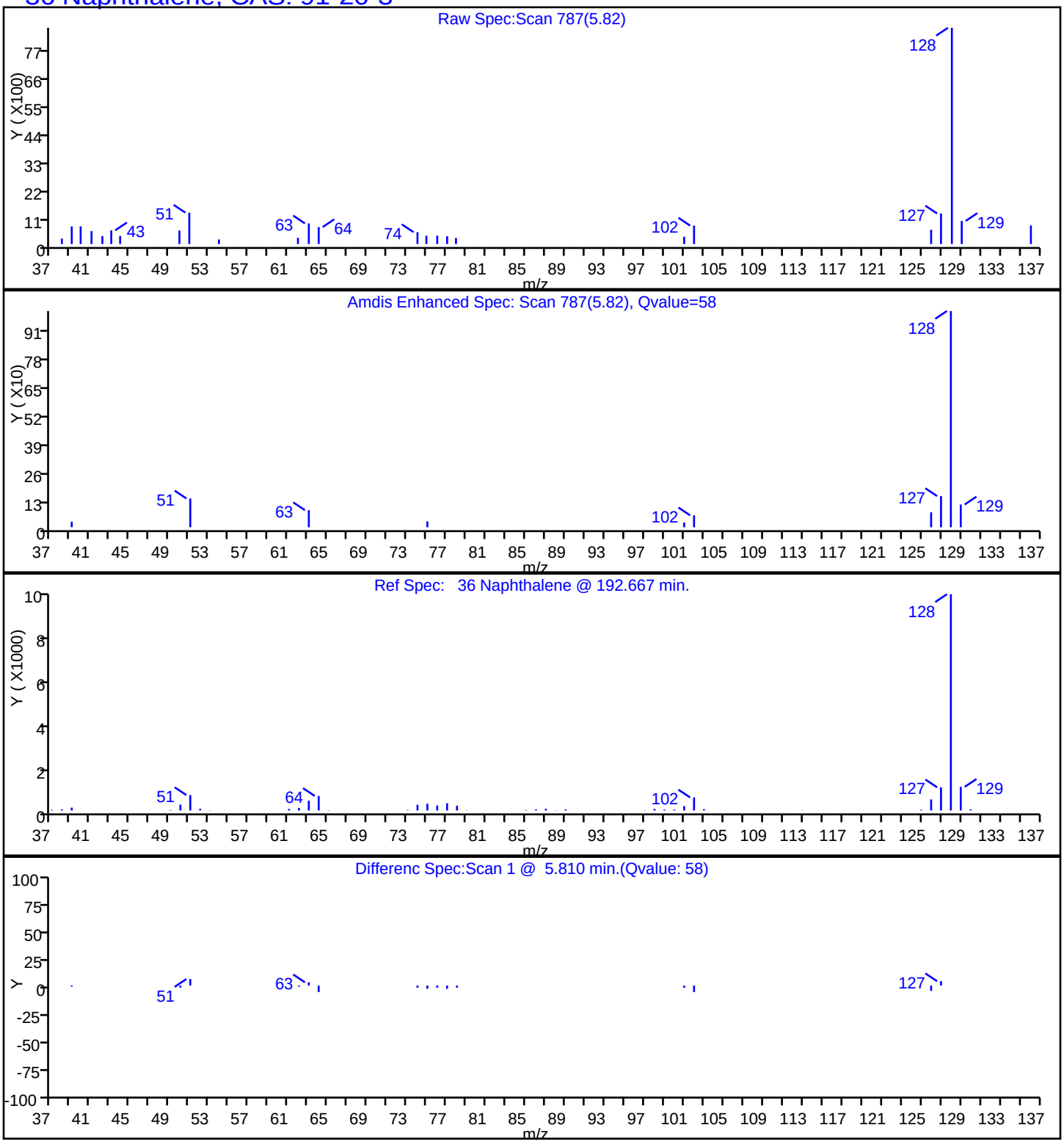


Report Date: 24-Jun-2014 16:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D				
Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



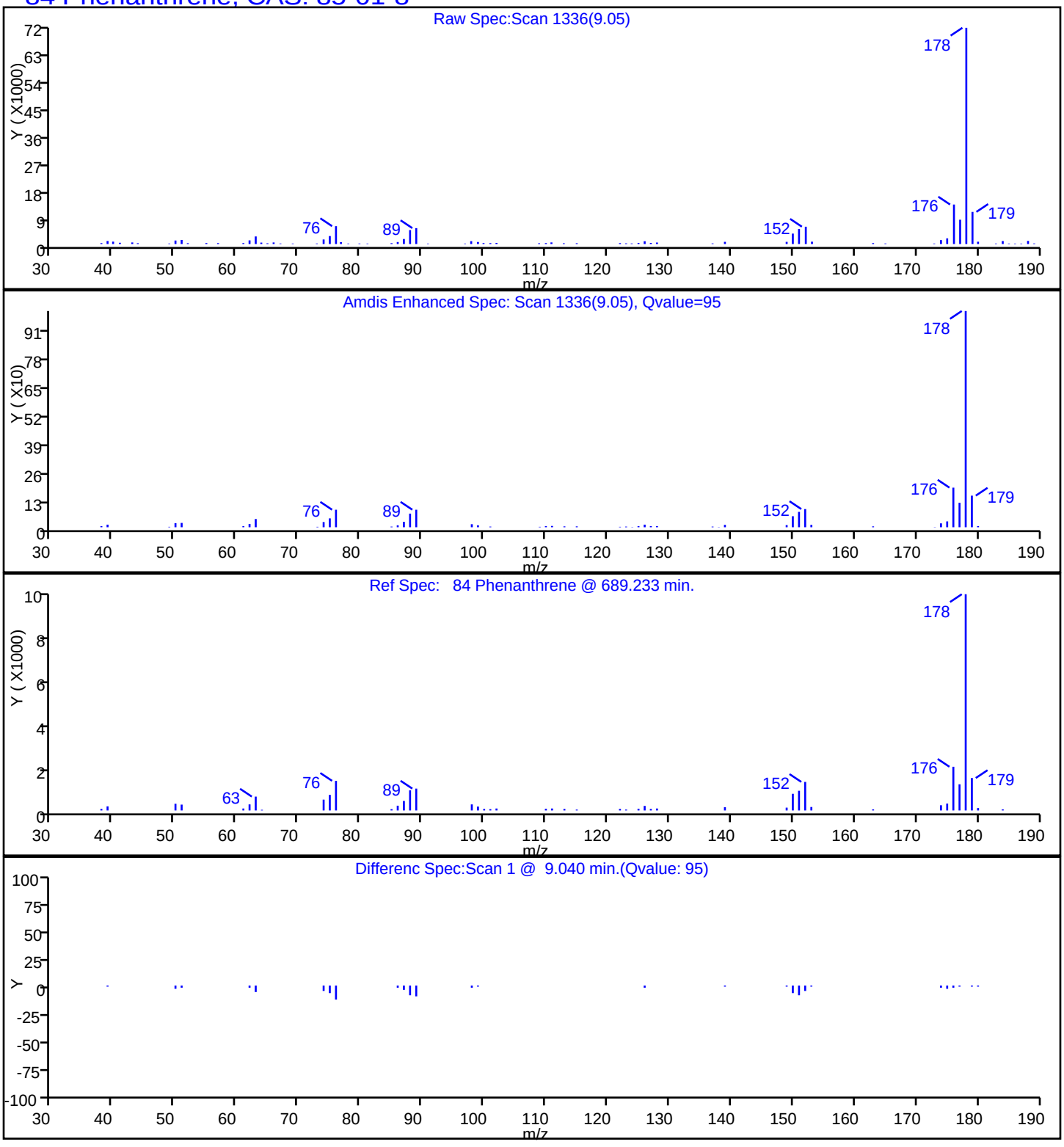
Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

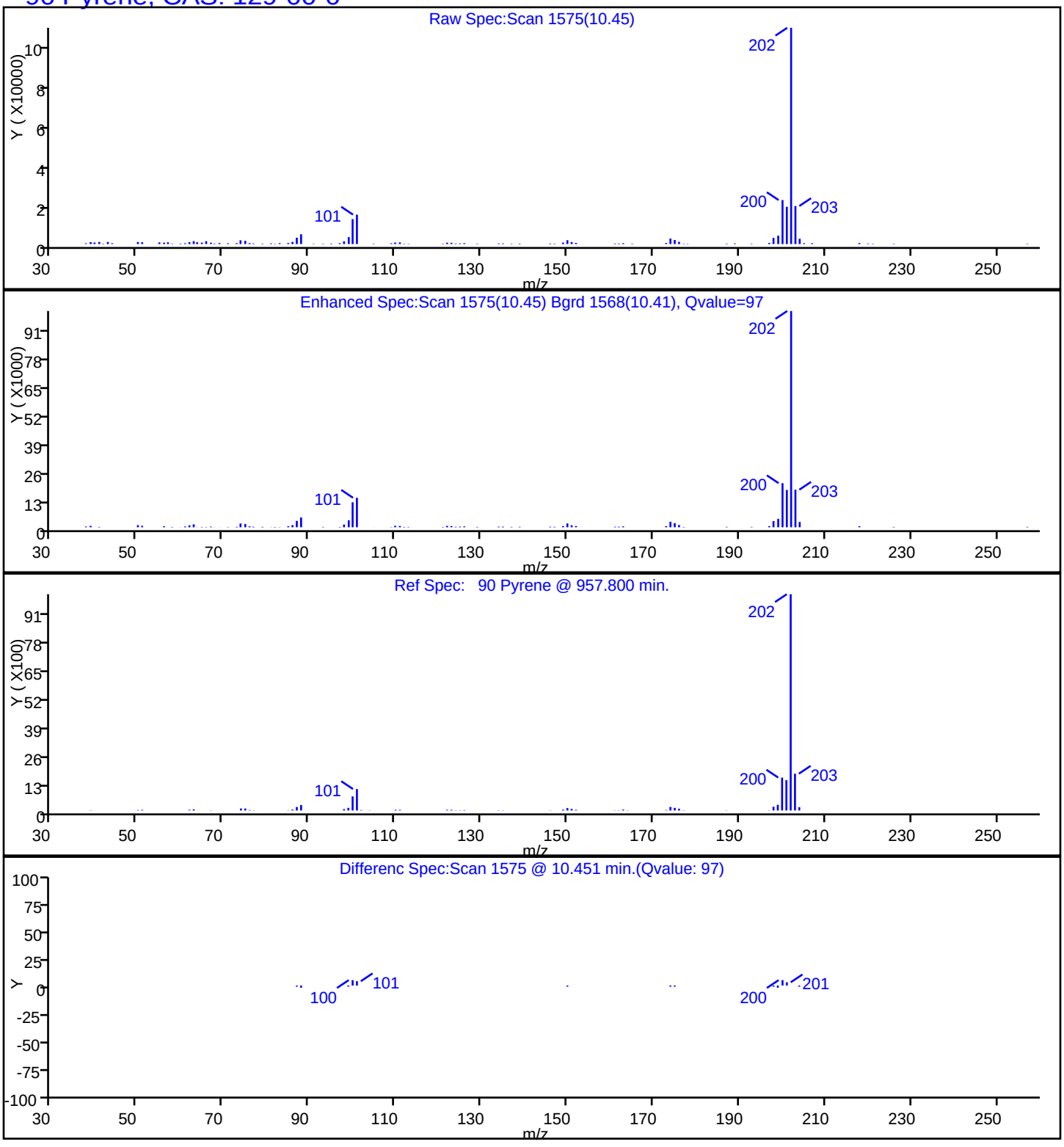


Report Date: 24-Jun-2014 16:42:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D				
Injection Date:	24-Jun-2014 11:37:30	Instrument ID:	CBNAMS12		
Lims ID:	460-78044-F-7-A	Lab Sample ID:	460-78044-7		
Client ID:	S-7				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 24-Jun-2014 16:42:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150884.D

Injection Date: 24-Jun-2014 11:37:30 Instrument ID: CBNAMS12

Lims ID: 460-78044-F-7-A Lab Sample ID: 460-78044-7

Client ID: S-7

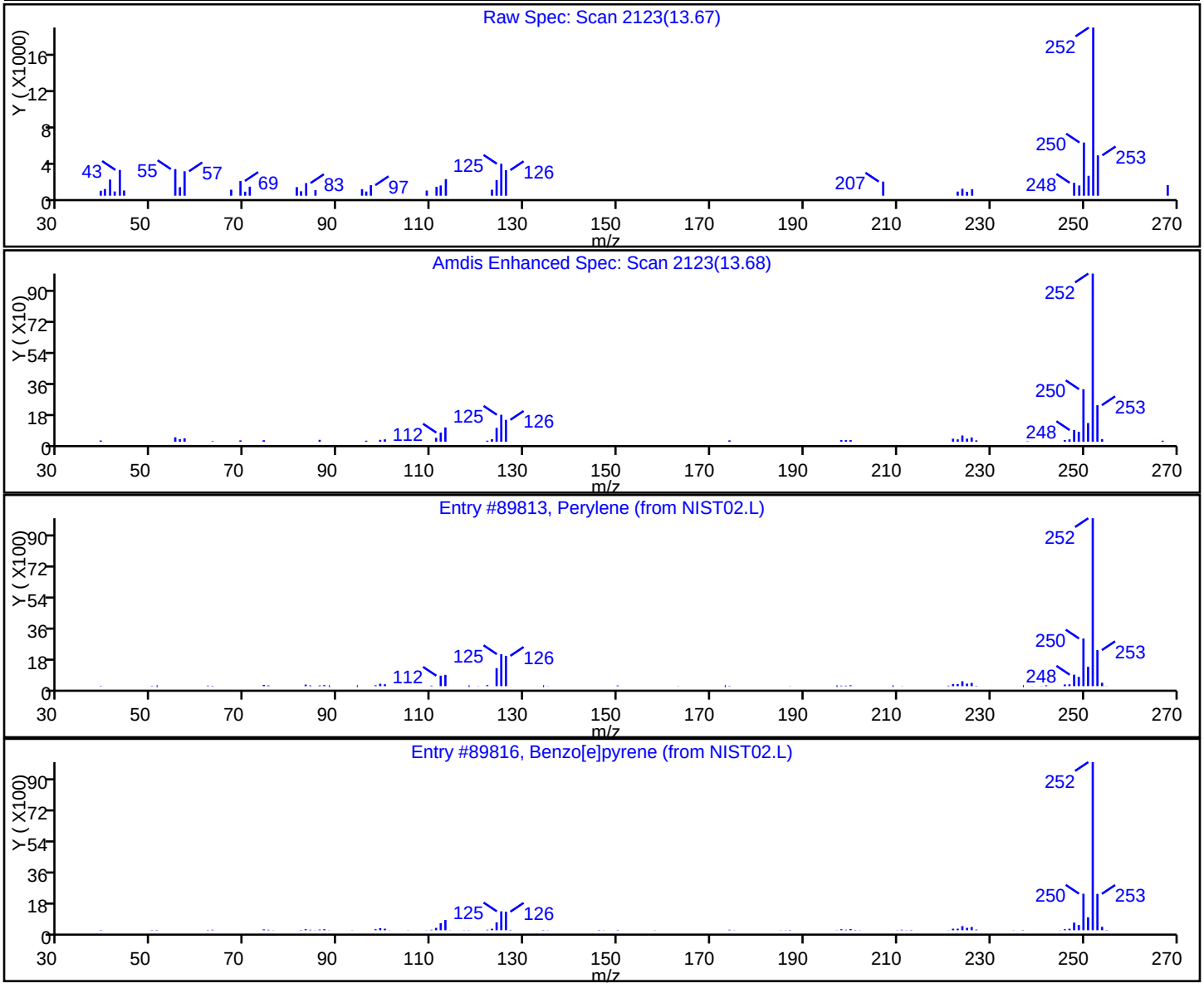
Operator ID: BNA 12 ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Perylene	198-55-0	NIST02	89813	C20H12	252	99
Benzo[e]pyrene	192-97-2	NIST02.L	89816	C20H12	252	97



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 | Lab Sample ID: 460-78044-8

Matrix: Water | Lab File ID: C06025.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 200(mL) | Date Analyzed: 06/23/2014 10:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2.3	U *	13	2.3
108-60-1	2,2'-oxybis[1-chloropropane]	1.6	U	13	1.6
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	U	13	1.1
95-95-4	2,4,5-Trichlorophenol	2.8	U	13	2.8
88-06-2	2,4,6-Trichlorophenol	1.8	U	13	1.8
120-83-2	2,4-Dichlorophenol	1.4	U	13	1.4
105-67-9	2,4-Dimethylphenol	1.5	U	13	1.5
51-28-5	2,4-Dinitrophenol	2.5	U	38	2.5
121-14-2	2,4-Dinitrotoluene	0.35	U	2.5	0.35
606-20-2	2,6-Dinitrotoluene	0.34	U	2.5	0.34
91-58-7	2-Chloronaphthalene	1.6	U	13	1.6
95-57-8	2-Chlorophenol	1.2	U	13	1.2
91-57-6	2-Methylnaphthalene	1.9	U	13	1.9
95-48-7	2-Methylphenol	1.8	U	13	1.8
88-74-4	2-Nitroaniline	2.5	U	25	2.5
88-75-5	2-Nitrophenol	0.85	U	13	0.85
91-94-1	3,3'-Dichlorobenzidine	4.0	U	25	4.0
99-09-2	3-Nitroaniline	3.6	U	25	3.6
534-52-1	4,6-Dinitro-2-methylphenol	3.8	U	38	3.8
101-55-3	4-Bromophenyl phenyl ether	1.4	U	13	1.4
59-50-7	4-Chloro-3-methylphenol	1.4	U	13	1.4
106-47-8	4-Chloroaniline	0.40	U	1.3	0.40
7005-72-3	4-Chlorophenyl phenyl ether	1.9	U	13	1.9
106-44-5	4-Methylphenol	1.3	U	13	1.3
100-01-6	4-Nitroaniline	3.6	U *	25	3.6
100-02-7	4-Nitrophenol	2.5	U *	38	2.5
83-32-9	Acenaphthene	1.4	U	13	1.4
208-96-8	Acenaphthylene	2.3	U	13	2.3
98-86-2	Acetophenone	1.1	U	13	1.1
120-12-7	Anthracene	1.1	U	13	1.1
1912-24-9	Atrazine	1.3	U	13	1.3
100-52-7	Benzaldehyde	2.6	U	13	2.6
191-24-2	Benzo[g,h,i]perylene	1.4	J	13	1.2
207-08-9	Benzo[k]fluoranthene	0.66	J	1.3	0.18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 | Lab Sample ID: 460-78044-8

Matrix: Water | Lab File ID: C06025.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 200(mL) | Date Analyzed: 06/23/2014 10:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-91-1	Bis(2-chloroethoxy)methane	1.3	U	13	1.3
111-44-4	Bis(2-chloroethyl)ether	0.38	U	1.3	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	1.0	U	13	1.0
85-68-7	Butyl benzyl phthalate	1.8	U	13	1.8
105-60-2	Caprolactam	1.1	U *	13	1.1
86-74-8	Carbazole	1.5	U	13	1.5
218-01-9	Chrysene	2.2	J	13	1.8
53-70-3	Dibenz(a,h)anthracene	0.20	U	1.3	0.20
132-64-9	Dibenzofuran	1.9	U	13	1.9
84-66-2	Diethyl phthalate	1.8	U	13	1.8
131-11-3	Dimethyl phthalate	1.4	U	13	1.4
84-74-2	Di-n-butyl phthalate	1.8	J *	13	1.3
117-84-0	Di-n-octyl phthalate	1.1	U	13	1.1
92-52-4	Diphenyl	2.3	U	13	2.3
206-44-0	Fluoranthene	4.7	J	13	1.4
86-73-7	Fluorene	2.1	U	13	2.1
87-68-3	Hexachlorobutadiene	0.85	U	2.5	0.85
77-47-4	Hexachlorocyclopentadiene	1.9	U	13	1.9
67-72-1	Hexachloroethane	0.19	U	1.3	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.3		1.3	0.14
78-59-1	Isophorone	1.6	U	13	1.6
91-20-3	Naphthalene	2.5	U	13	2.5
98-95-3	Nitrobenzene	0.43	U	1.3	0.43
621-64-7	N-Nitrosodi-n-propylamine	0.34	U	1.3	0.34
86-30-6	N-Nitrosodiphenylamine	1.3	U	13	1.3
85-01-8	Phenanthrene	1.5	U	13	1.5
108-95-2	Phenol	0.75	U	13	0.75
129-00-0	Pyrene	1.4	U	13	1.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 | Lab Sample ID: 460-78044-8

Matrix: Water | Lab File ID: C06025.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 200(mL) | Date Analyzed: 06/23/2014 10:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	63		51-126
321-60-8	2-Fluorobiphenyl	62		50-120
367-12-4	2-Fluorophenol	43		15-96
4165-60-0	Nitrobenzene-d5	72		60-114
4165-62-2	Phenol-d5	31		4-86
1718-51-0	Terphenyl-d14	55	X	72-130

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: C06025.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3510C Date Extracted: 06/20/2014 13:06

Sample wt/vol: 200(mL) Date Analyzed: 06/23/2014 10:03

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D
Lims ID: 460-78044-F-8-A Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 23-Jun-2014 10:03:30 ALS Bottle#: 19 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-020
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 10:36:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.101	3.095	0.006	96	1153049	4.27	
$ 6 Phenol-d5	99	3.943	3.960	-0.017	90	956708	3.05	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	99	1589722	8.00	
$ 25 Nitrobenzene-d5	82	4.825	4.831	-0.006	90	1781894	7.16	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	5650486	8.00	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	2815186	6.23	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2545496	8.00	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	323018	6.26	
* 83 Phenanthrene-d10	188	8.731	8.730	0.000	99	3016995	8.00	
87 Di-n-butyl phthalate	149	9.289	9.295	-0.006	99	61131	0.1847	
88 Fluoranthene	202	9.907	9.913	-0.006	97	132060	0.4726	
90 Pyrene	202	10.130	10.136	-0.006	96	197442	0.001680	7
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1355942	5.49	
95 Benzo[a]anthracene	228	11.430	11.436	-0.006	94	53701	0.2501	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1638448	8.00	
97 Chrysene	228	11.477	11.483	-0.006	95	42190	0.2199	
100 Benzo[b]fluoranthene	252	12.801	12.807	-0.006	94	32882	0.1856	M
101 Benzo[k]fluoranthene	252	12.830	12.842	-0.012	76	11915	0.0656	M
102 Benzo[a]pyrene	252	13.236	13.248	-0.012	94	40309	0.2475	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	1349918	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.724	14.742	-0.018	92	17665	0.1263	
105 Dibenz(a,h)anthracene	278	14.748	14.765	-0.017	1	3267	0.0188	7M
106 Benzo[g,h,i]perylene	276	15.071	15.089	-0.018	87	25507	0.1386	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

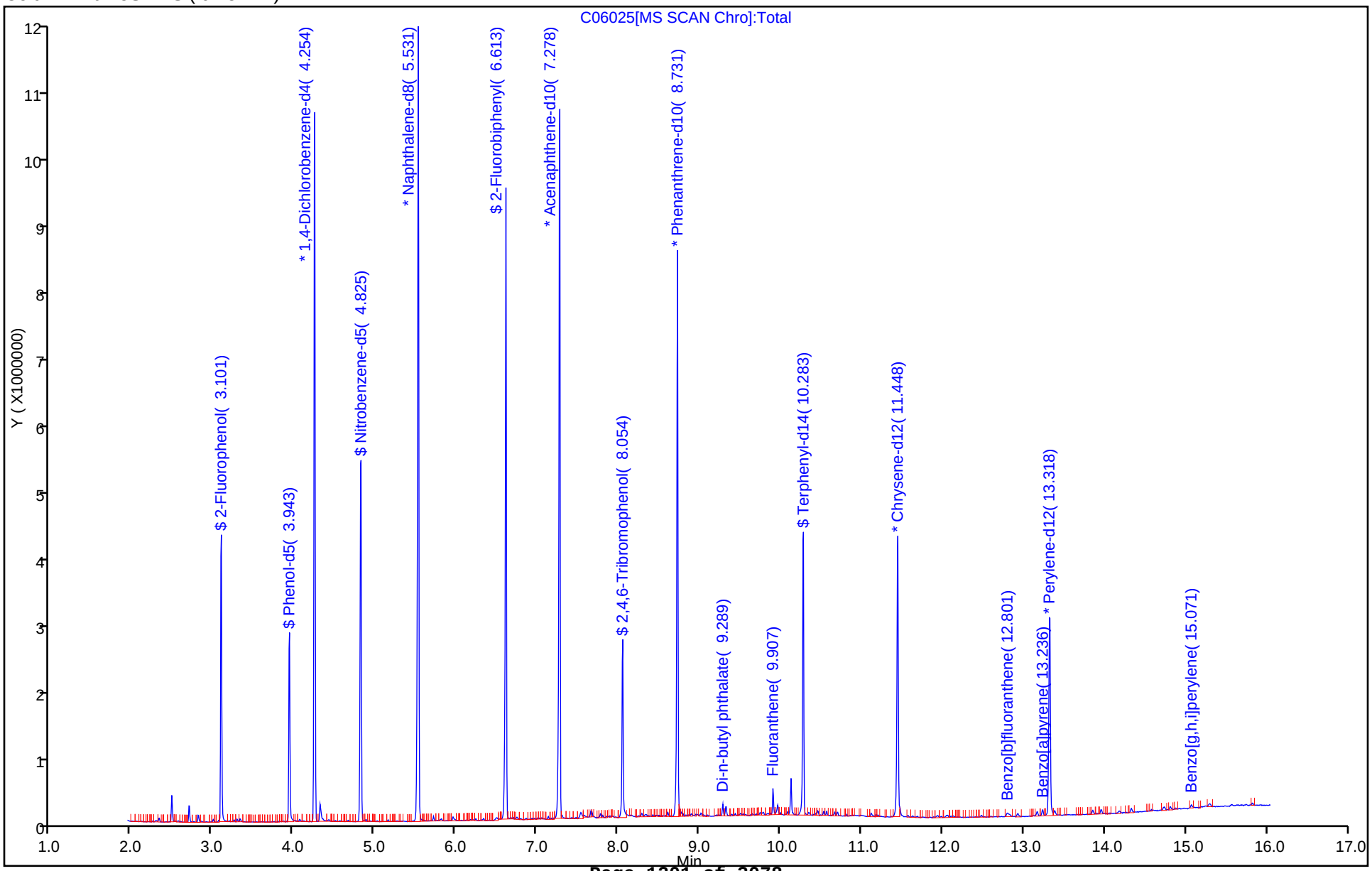
Report Date: 24-Jun-2014 15:52:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8	Worklist Smp#:	20
Client ID:	TWP-1				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



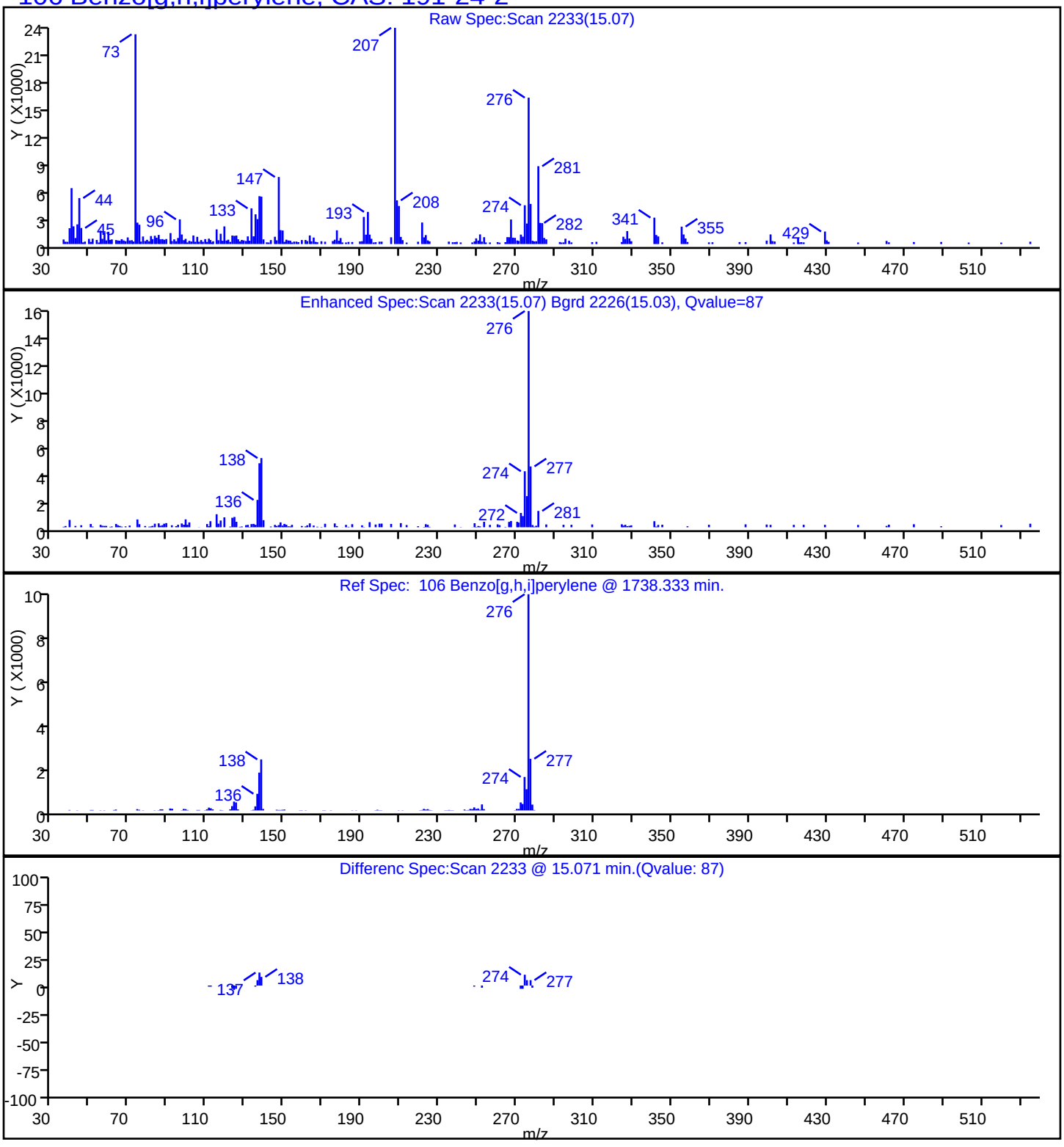
Report Date: 24-Jun-2014 15:52:32 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[g,h,i]perylene, CAS: 191-24-2

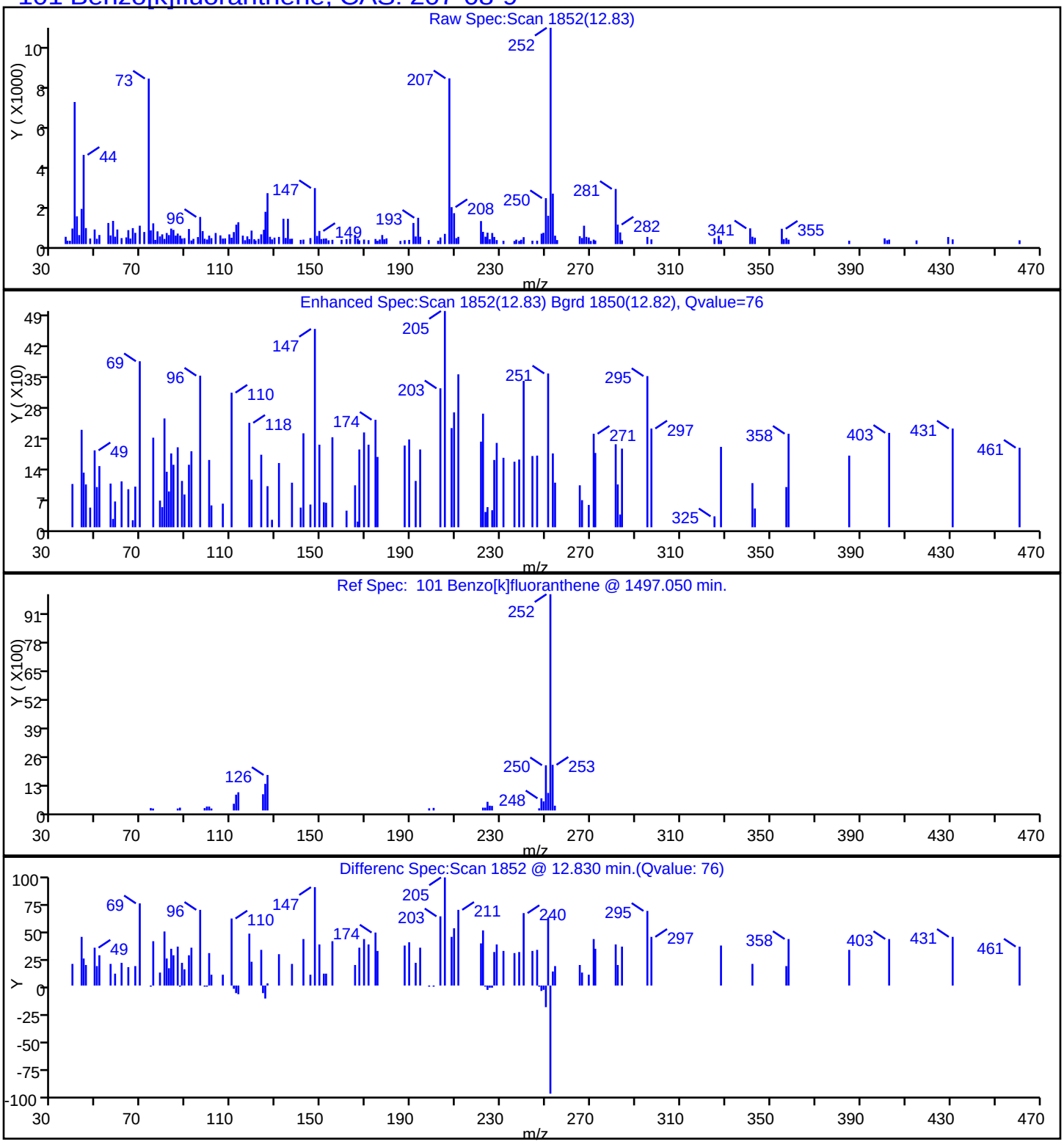


Report Date: 24-Jun-2014 15:52:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D				
Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



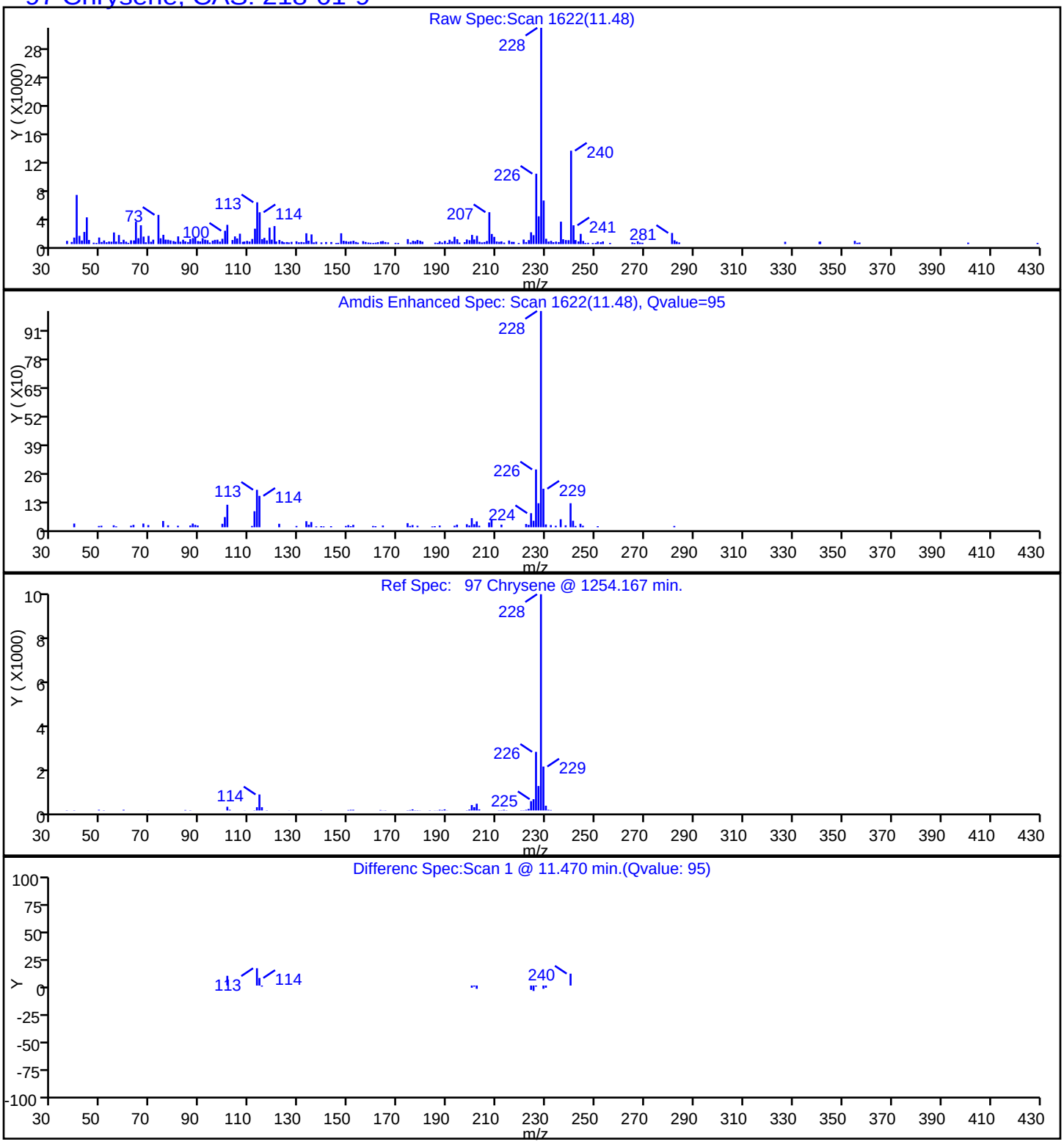
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9



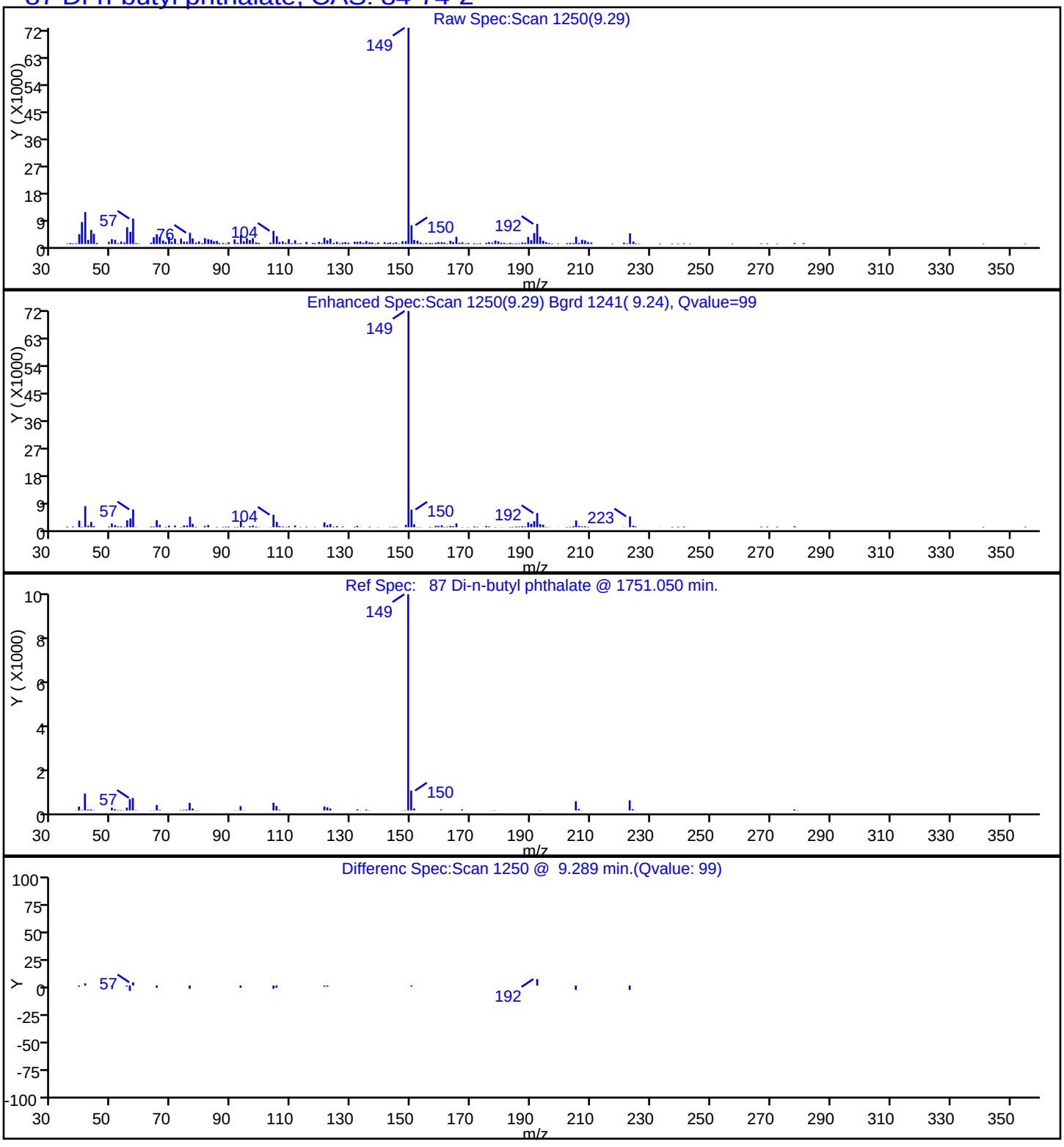
Report Date: 24-Jun-2014 15:52:31 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Di-n-butyl phthalate, CAS: 84-74-2



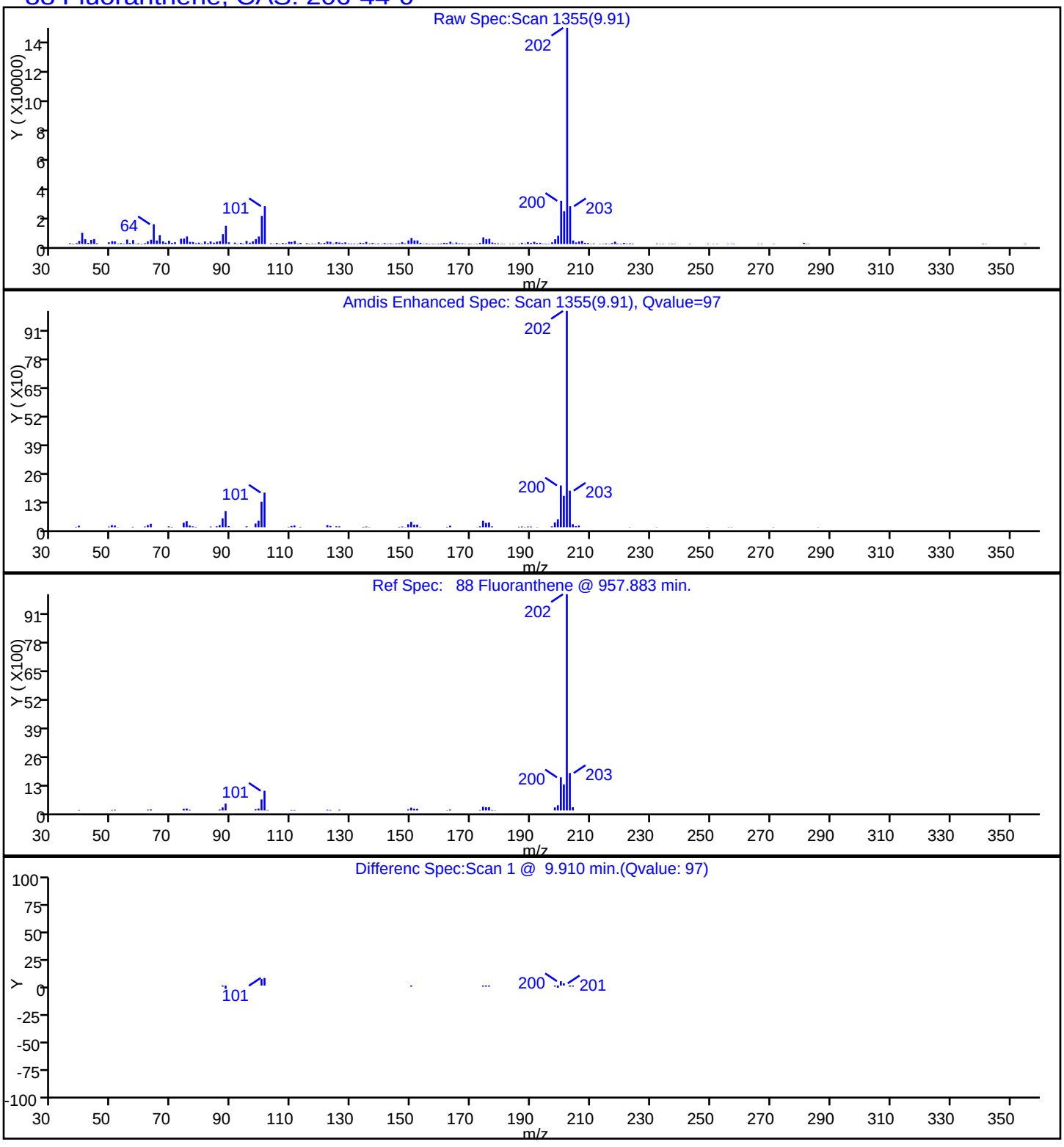
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



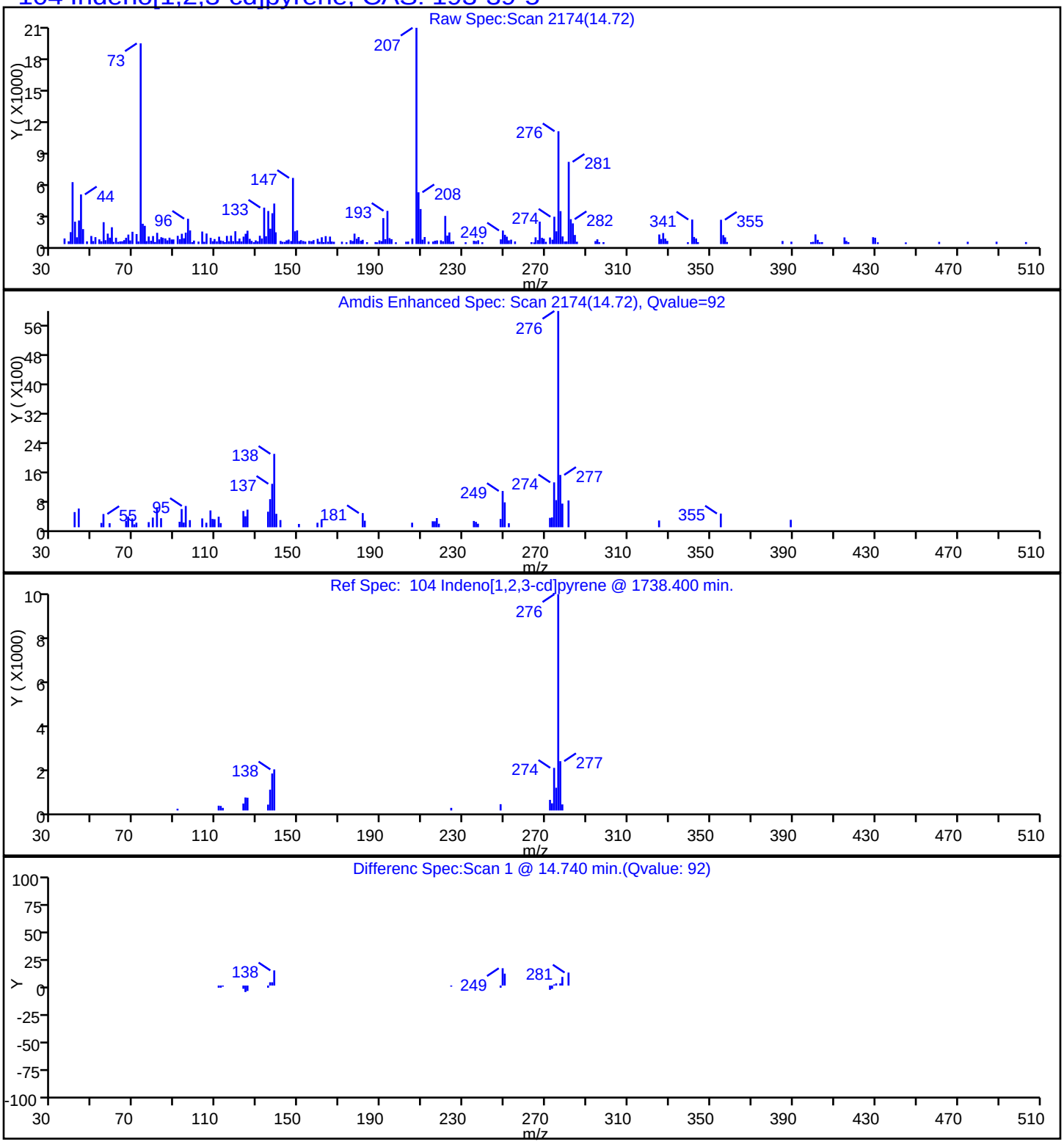
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D

Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Manual Integration/User Assign Peak Report

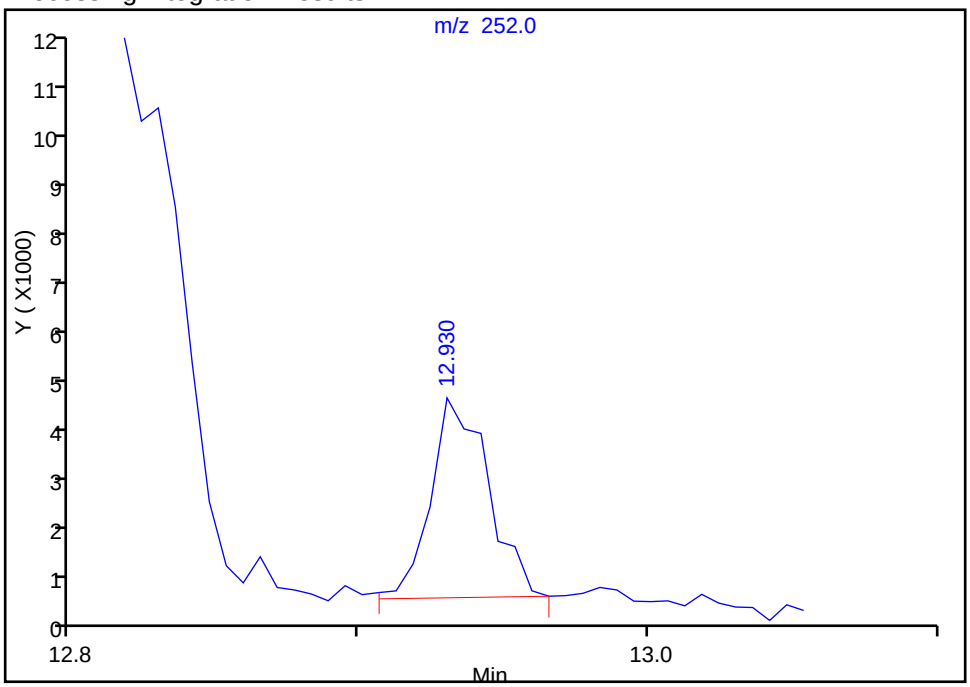
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D				
Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

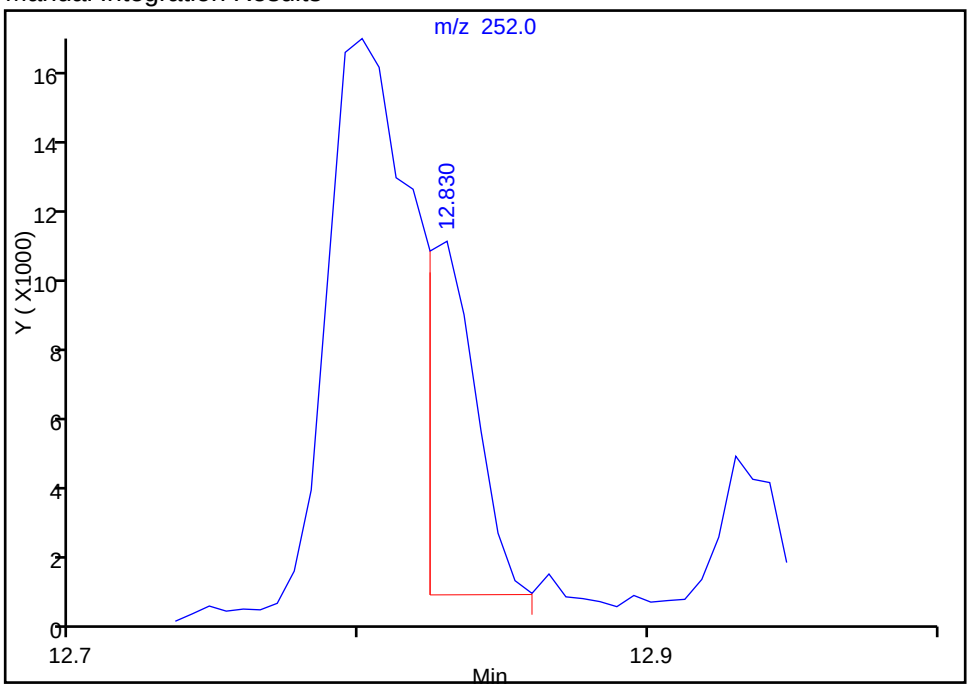
Processing Integration Results

RT: 12.93
Response: 5683
Amount: 0.031286



Manual Integration Results

RT: 12.83
Response: 11915
Amount: 0.065593



Reviewer: croccom, 23-Jun-2014 10:36:07
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

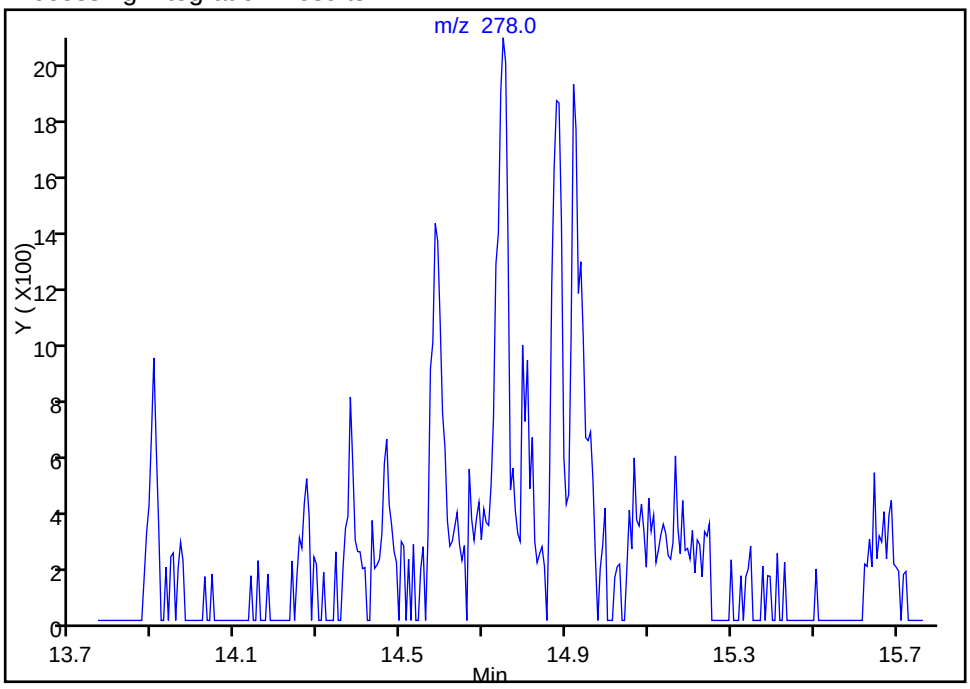
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06025.D				
Injection Date:	23-Jun-2014 10:03:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3

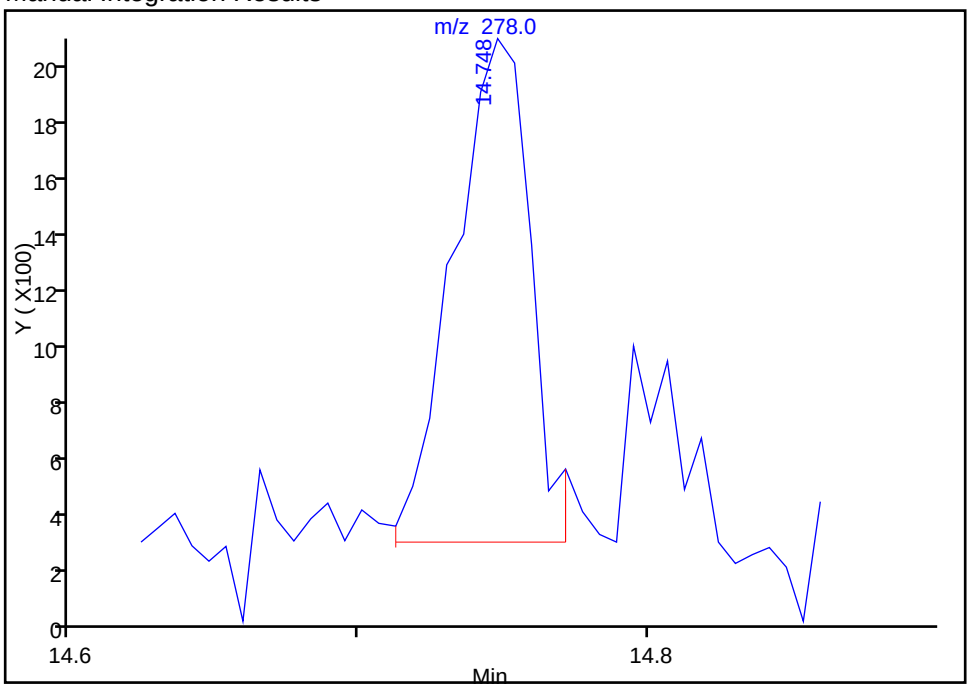
Not Detected
Expected RT: 14.77

Processing Integration Results



Manual Integration Results

RT: 14.75
Response: 3267
Amount: 0.018834



Reviewer: croccom, 23-Jun-2014 10:36:07
Audit Action: Manually Integrated
Audit Reason: Wrong peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 | Lab Sample ID: 460-78044-9

Matrix: Water | Lab File ID: C06026.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U *	12	2.1
108-60-1	2,2'-oxybis[1-chloropropane]	1.5	U	12	1.5
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	U	12	1.1
95-95-4	2,4,5-Trichlorophenol	2.6	U	12	2.6
88-06-2	2,4,6-Trichlorophenol	1.7	U	12	1.7
120-83-2	2,4-Dichlorophenol	1.3	U	12	1.3
105-67-9	2,4-Dimethylphenol	3.4	J	12	1.4
51-28-5	2,4-Dinitrophenol	2.4	U	36	2.4
121-14-2	2,4-Dinitrotoluene	0.33	U	2.4	0.33
606-20-2	2,6-Dinitrotoluene	0.32	U	2.4	0.32
91-58-7	2-Chloronaphthalene	1.5	U	12	1.5
95-57-8	2-Chlorophenol	1.1	U	12	1.1
91-57-6	2-Methylnaphthalene	1.8	U	12	1.8
95-48-7	2-Methylphenol	1.7	U	12	1.7
88-74-4	2-Nitroaniline	2.4	U	24	2.4
88-75-5	2-Nitrophenol	0.81	U	12	0.81
91-94-1	3,3'-Dichlorobenzidine	3.8	U	24	3.8
99-09-2	3-Nitroaniline	3.5	U	24	3.5
534-52-1	4,6-Dinitro-2-methylphenol	3.6	U	36	3.6
101-55-3	4-Bromophenyl phenyl ether	1.3	U	12	1.3
59-50-7	4-Chloro-3-methylphenol	1.3	U	12	1.3
106-47-8	4-Chloroaniline	0.38	U	1.2	0.38
7005-72-3	4-Chlorophenyl phenyl ether	1.8	U	12	1.8
106-44-5	4-Methylphenol	1.2	U	12	1.2
100-01-6	4-Nitroaniline	3.5	U *	24	3.5
100-02-7	4-Nitrophenol	2.4	U *	36	2.4
83-32-9	Acenaphthene	6.1	J	12	1.3
208-96-8	Acenaphthylene	2.8	J	12	2.1
98-86-2	Acetophenone	1.1	U	12	1.1
120-12-7	Anthracene	2.3	J	12	1.0
1912-24-9	Atrazine	1.2	U	12	1.2
100-52-7	Benzaldehyde	2.5	U	12	2.5
191-24-2	Benzo[g,h,i]perylene	1.1	U	12	1.1
207-08-9	Benzo[k]fluoranthene	0.79	J	1.2	0.17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 | Lab Sample ID: 460-78044-9

Matrix: Water | Lab File ID: C06026.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-91-1	Bis(2-chloroethoxy)methane	1.2	U	12	1.2
111-44-4	Bis(2-chloroethyl)ether	0.36	U	1.2	0.36
117-81-7	Bis(2-ethylhexyl) phthalate	0.96	U	12	0.96
85-68-7	Butyl benzyl phthalate	1.7	U	12	1.7
105-60-2	Caprolactam	1.1	U *	12	1.1
86-74-8	Carbazole	11	J	12	1.4
218-01-9	Chrysene	2.2	J	12	1.7
53-70-3	Dibenz(a,h)anthracene	0.20	J	1.2	0.19
132-64-9	Dibenzofuran	7.1	J	12	1.8
84-66-2	Diethyl phthalate	1.7	U	12	1.7
131-11-3	Dimethyl phthalate	1.3	U	12	1.3
84-74-2	Di-n-butyl phthalate	1.2	U *	12	1.2
117-84-0	Di-n-octyl phthalate	1.0	U	12	1.0
92-52-4	Diphenyl	2.1	U	12	2.1
206-44-0	Fluoranthene	8.7	J	12	1.3
86-73-7	Fluorene	8.7	J	12	2.0
87-68-3	Hexachlorobutadiene	0.81	U	2.4	0.81
77-47-4	Hexachlorocyclopentadiene	1.8	U	12	1.8
67-72-1	Hexachloroethane	0.18	U	1.2	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	J	1.2	0.13
78-59-1	Isophorone	1.5	U	12	1.5
91-20-3	Naphthalene	2.4	U	12	2.4
98-95-3	Nitrobenzene	0.40	U	1.2	0.40
621-64-7	N-Nitrosodi-n-propylamine	0.32	U	1.2	0.32
86-30-6	N-Nitrosodiphenylamine	1.2	U	12	1.2
85-01-8	Phenanthrene	19		12	1.4
108-95-2	Phenol	0.71	U	12	0.71
129-00-0	Pyrene	1.3	U	12	1.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: C06026.D

Analysis Method: 8270D Date Collected: 06/18/2014 00:00

Extract. Method: 3510C Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) Date Analyzed: 06/23/2014 10:27

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	70		51-126
321-60-8	2-Fluorobiphenyl	59		50-120
367-12-4	2-Fluorophenol	46		15-96
4165-60-0	Nitrobenzene-d5	69		60-114
4165-62-2	Phenol-d5	35		4-86
1718-51-0	Terphenyl-d14	57	X	72-130

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 | Lab Sample ID: 460-78044-9

Matrix: Water | Lab File ID: C06026.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 10

CAS NO.	COMPOUND NAME	RT	RESULT	Q
90-12-0	Naphthalene, 1-methyl-	6.34	10	J N

Report Date: 24-Jun-2014 15:52:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D
Lims ID: 460-78044-G-9-A Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 23-Jun-2014 10:27:30 ALS Bottle#: 20 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-021
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 10:58:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.096	3.095	0.001	96	1155004	4.60	
$ 6 Phenol-d5	99	3.937	3.960	-0.023	89	1019727	3.50	
* 13 1,4-Dichlorobenzene-d4	152	4.249	4.254	-0.005	98	1477689	8.00	
$ 25 Nitrobenzene-d5	82	4.819	4.831	-0.012	91	1572634	6.87	
30 2,4-Dimethylphenol	122	5.225	5.237	-0.012	91	72083	0.3524	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	99	5197887	8.00	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	2535555	5.90	
59 Acenaphthylene	152	7.137	7.142	-0.005	97	159684	0.2935	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2421168	8.00	
62 Acenaphthene	154	7.307	7.313	-0.006	94	217183	0.6428	
66 Dibenzofuran	168	7.478	7.483	-0.005	92	338504	0.7433	
70 Fluorene	166	7.807	7.819	-0.012	85	317906	0.9164	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	345351	7.04	
* 83 Phenanthrene-d10	188	8.731	8.730	0.001	99	3171170	8.00	
84 Phenanthrene	178	8.748	8.760	-0.012	99	891179	2.04	
85 Anthracene	178	8.795	8.807	-0.012	95	104378	0.2452	
86 Carbazole	167	8.978	8.983	-0.005	82	372669	1.15	
87 Di-n-butyl phthalate	149	9.289	9.295	-0.006	96	39057	0.1122	
88 Fluoranthene	202	9.907	9.913	-0.006	97	267064	0.9093	
90 Pyrene	202	10.131	10.136	-0.005	96	208071	-0.0365	7
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1584184	5.66	
95 Benzo[a]anthracene	228	11.430	11.436	-0.006	95	52389	0.2155	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1855070	8.00	
97 Chrysene	228	11.478	11.483	-0.005	94	49443	0.2276	
100 Benzo[b]fluoranthene	252	12.801	12.807	-0.006	95	39737	0.2150	
101 Benzo[k]fluoranthene	252	12.830	12.842	-0.012	89	15633	0.0825	M
102 Benzo[a]pyrene	252	13.236	13.248	-0.012	94	25621	0.1508	
* 103 Perylene-d12	264	13.319	13.324	-0.005	97	1408278	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.724	14.742	-0.018	95	15005	0.1088	
105 Dibenz(a,h)anthracene	278	14.748	14.765	-0.017	76	3867	0.0214	
106 Benzo[g,h,i]perylene	276	15.071	15.089	-0.018	84	15397	0.0802	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

Report Date: 24-Jun-2014 15:52:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D
Lims ID: 460-78044-G-9-A Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 23-Jun-2014 10:27:30 ALS Bottle#: 20 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-021
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 10:58:51

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	90-12-0	Naphthalene, 1-methyl-						
6.337	1504319	1.08	35	96	18499	C11H10	142	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.531	11180048	8.00

QC Flag Legend

Processing Flags

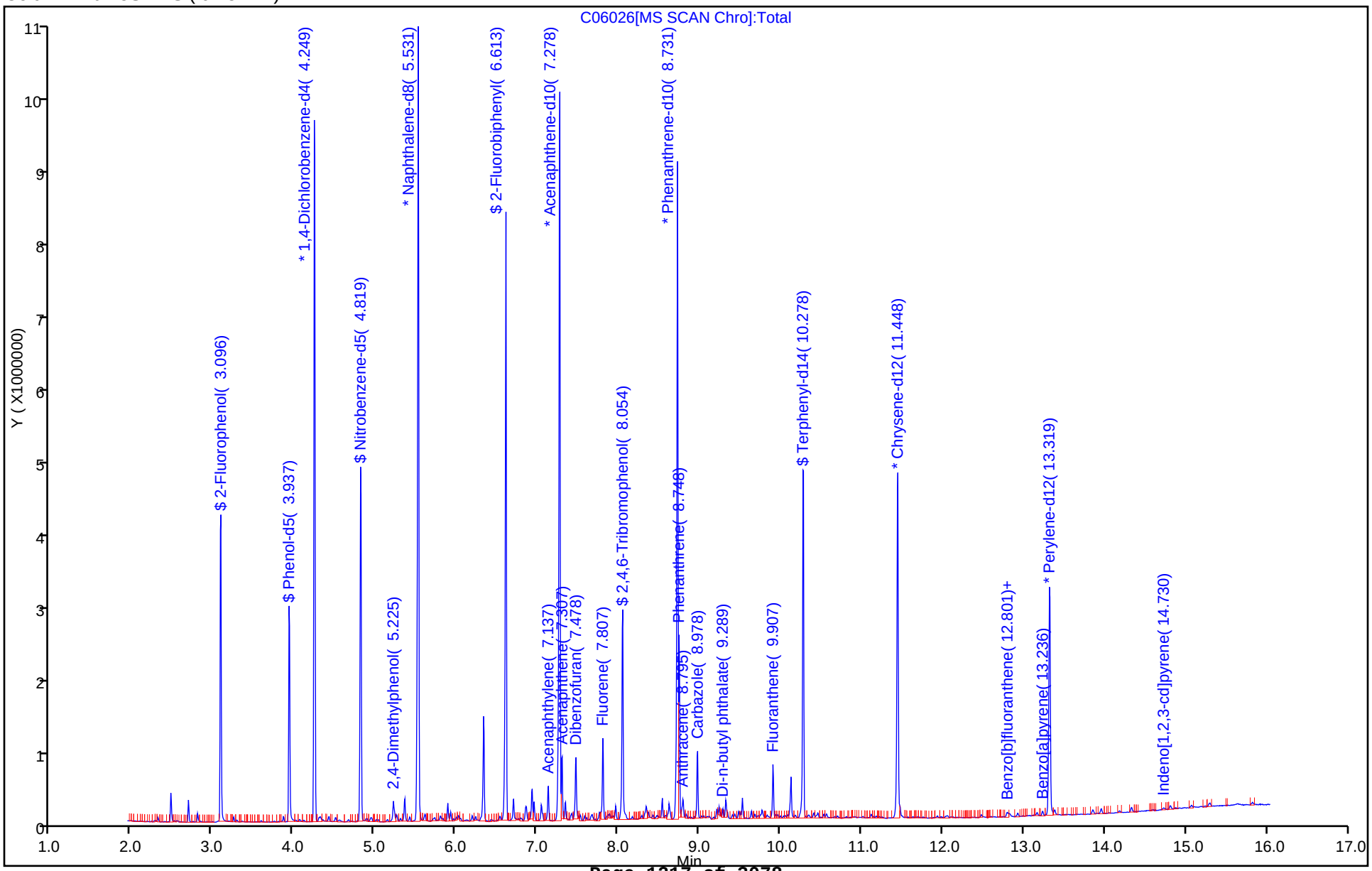
Report Date: 24-Jun-2014 15:52:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9	Worklist Smp#:	21
Client ID:	TWP-4				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



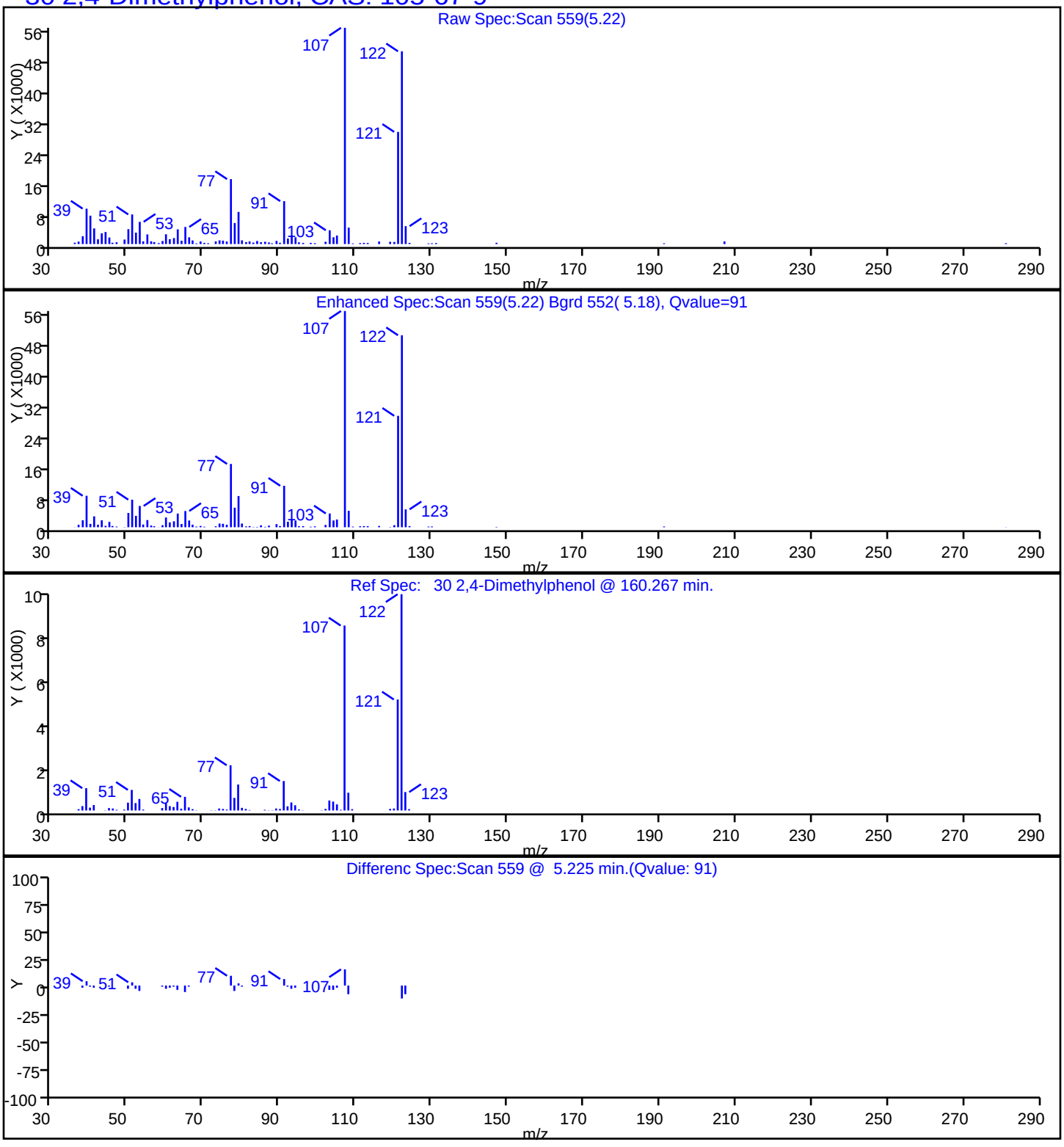
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

30 2,4-Dimethylphenol, CAS: 105-67-9



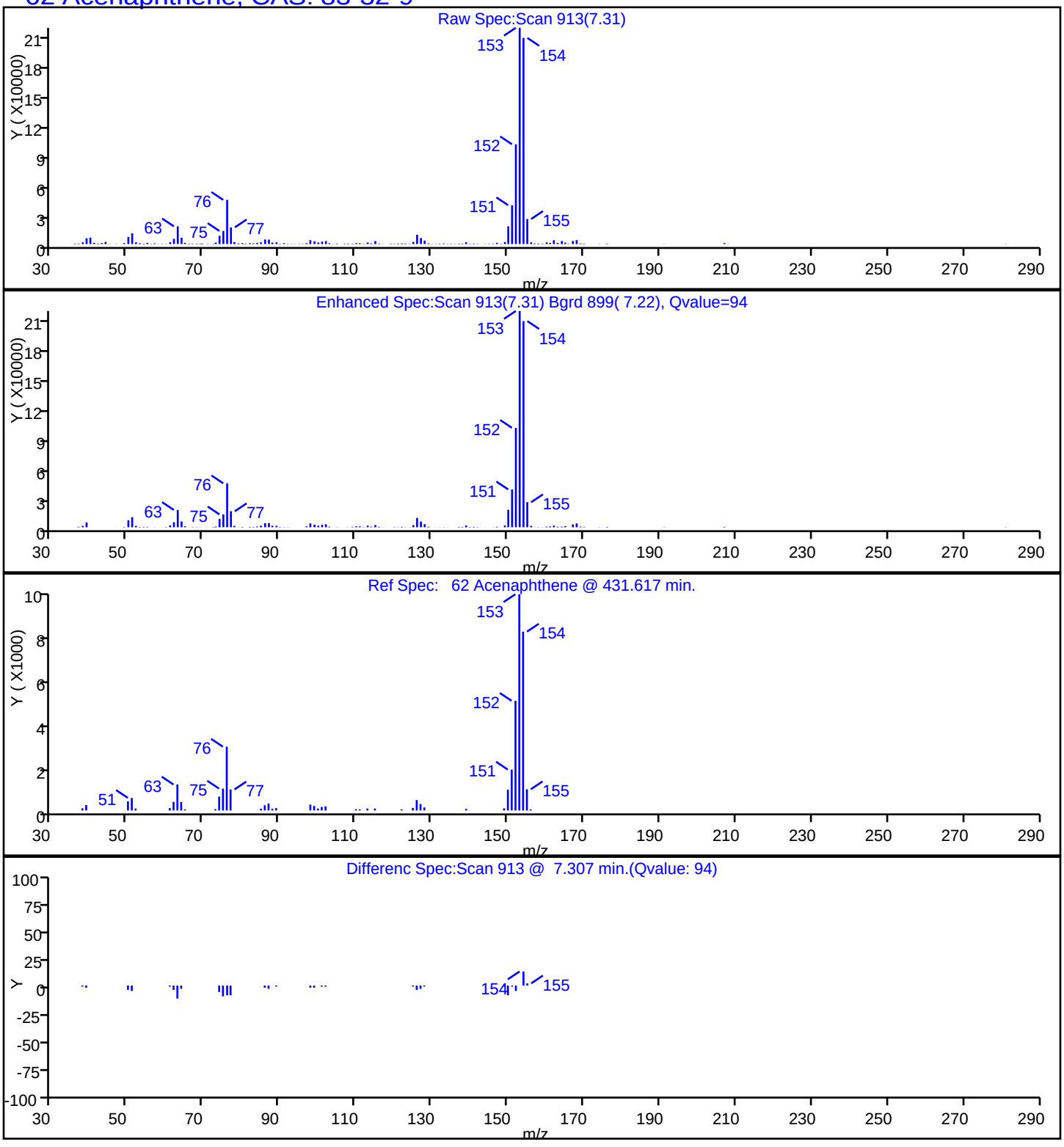
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



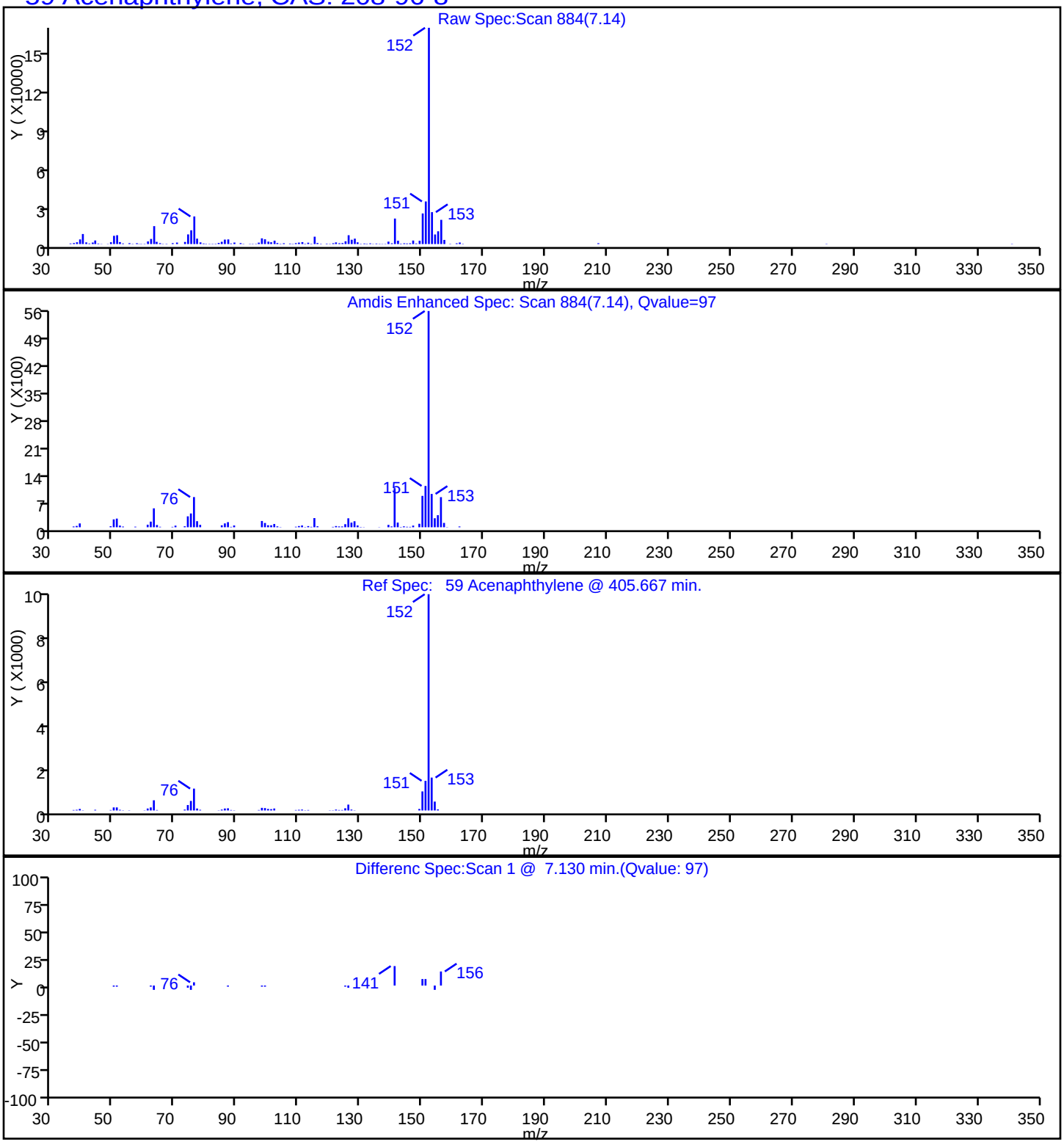
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



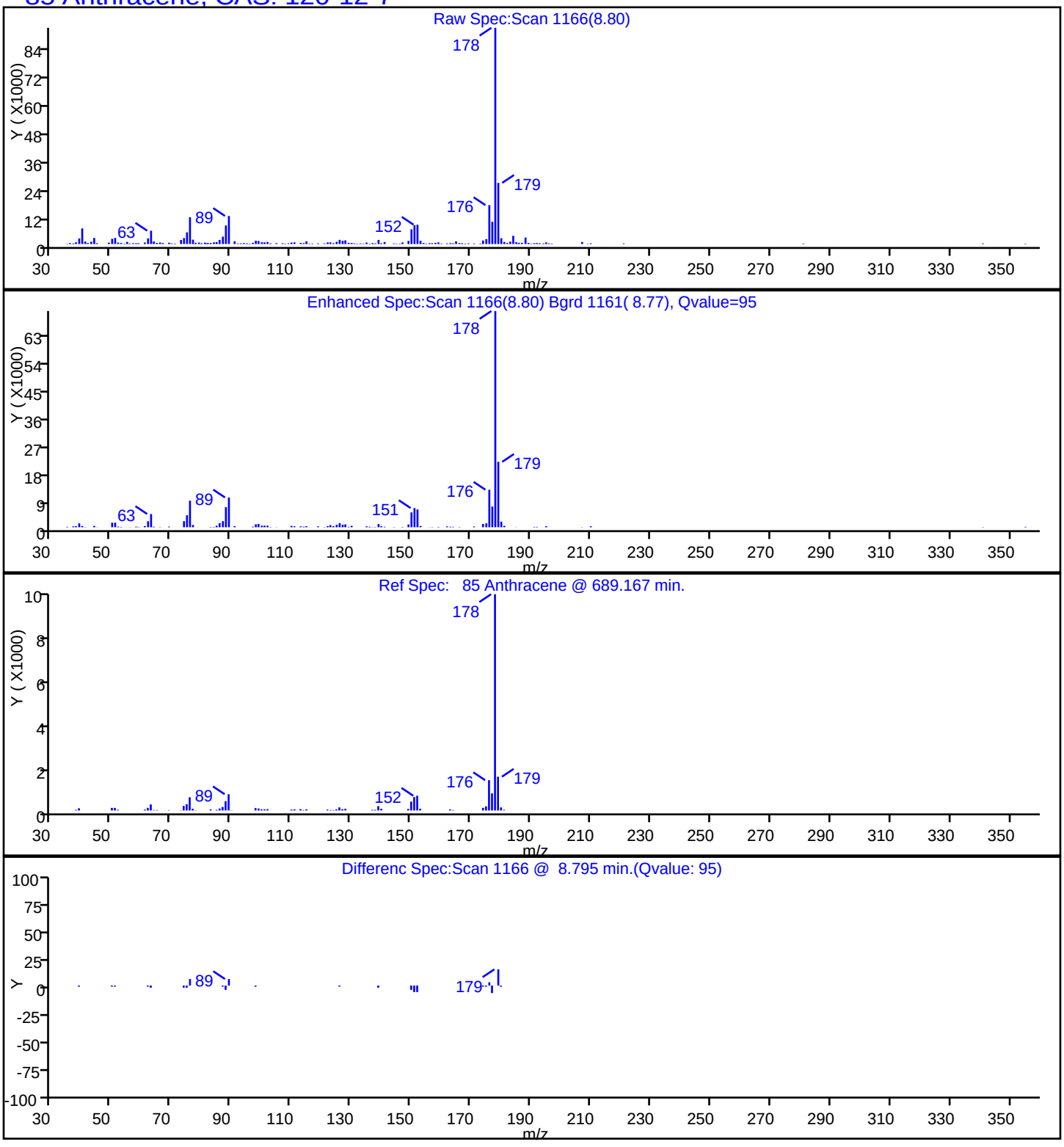
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



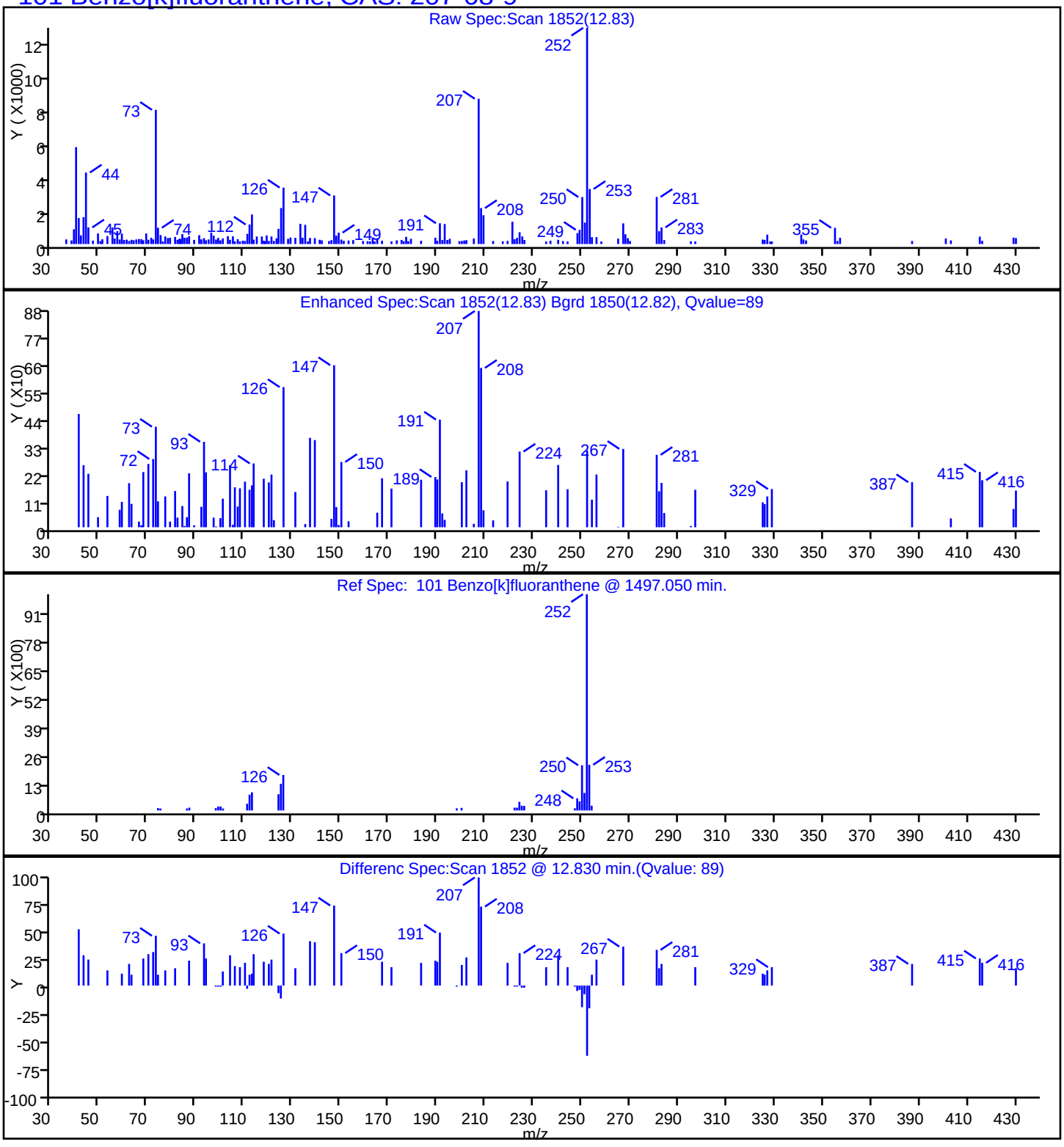
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



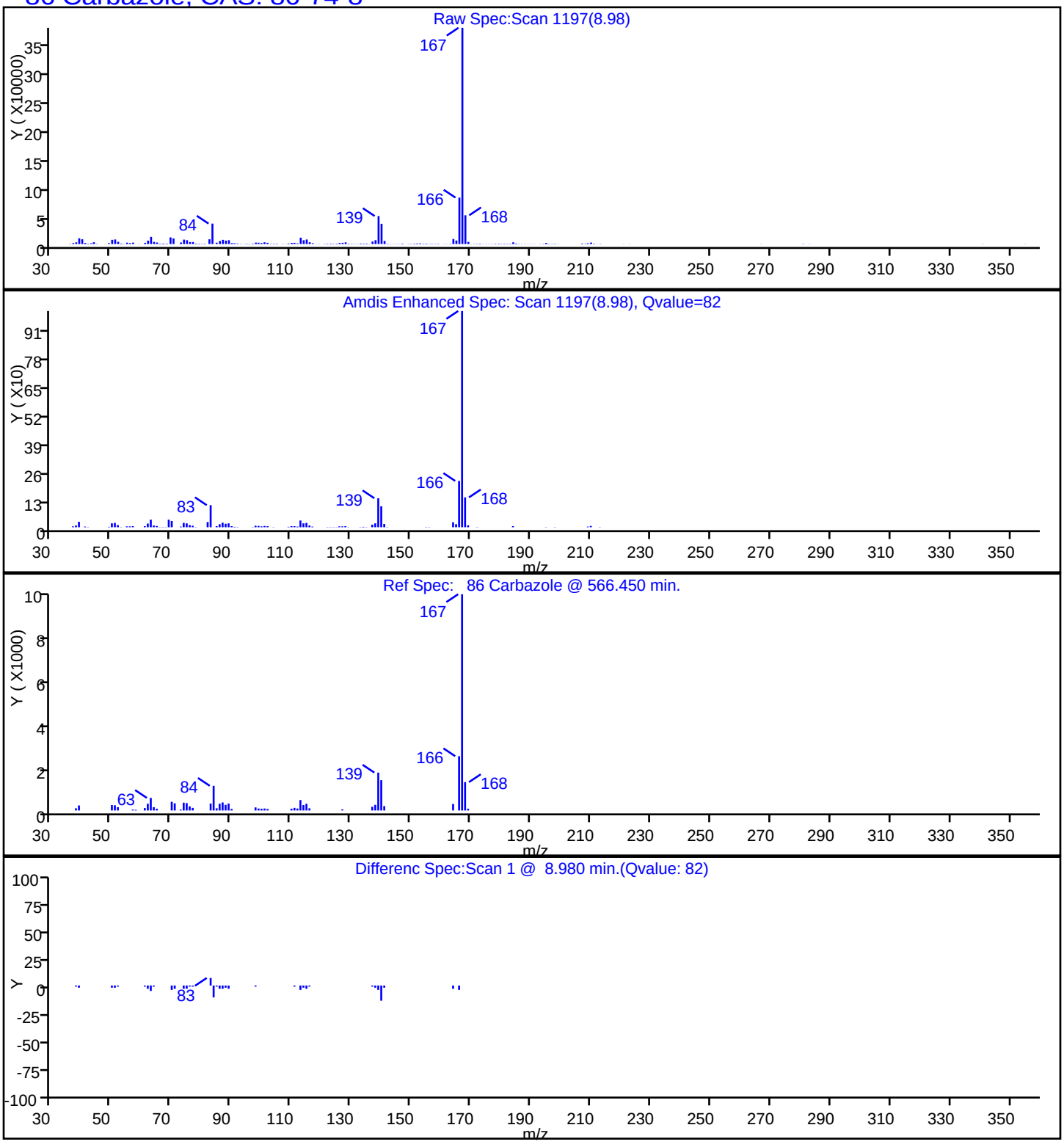
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Carbazole, CAS: 86-74-8



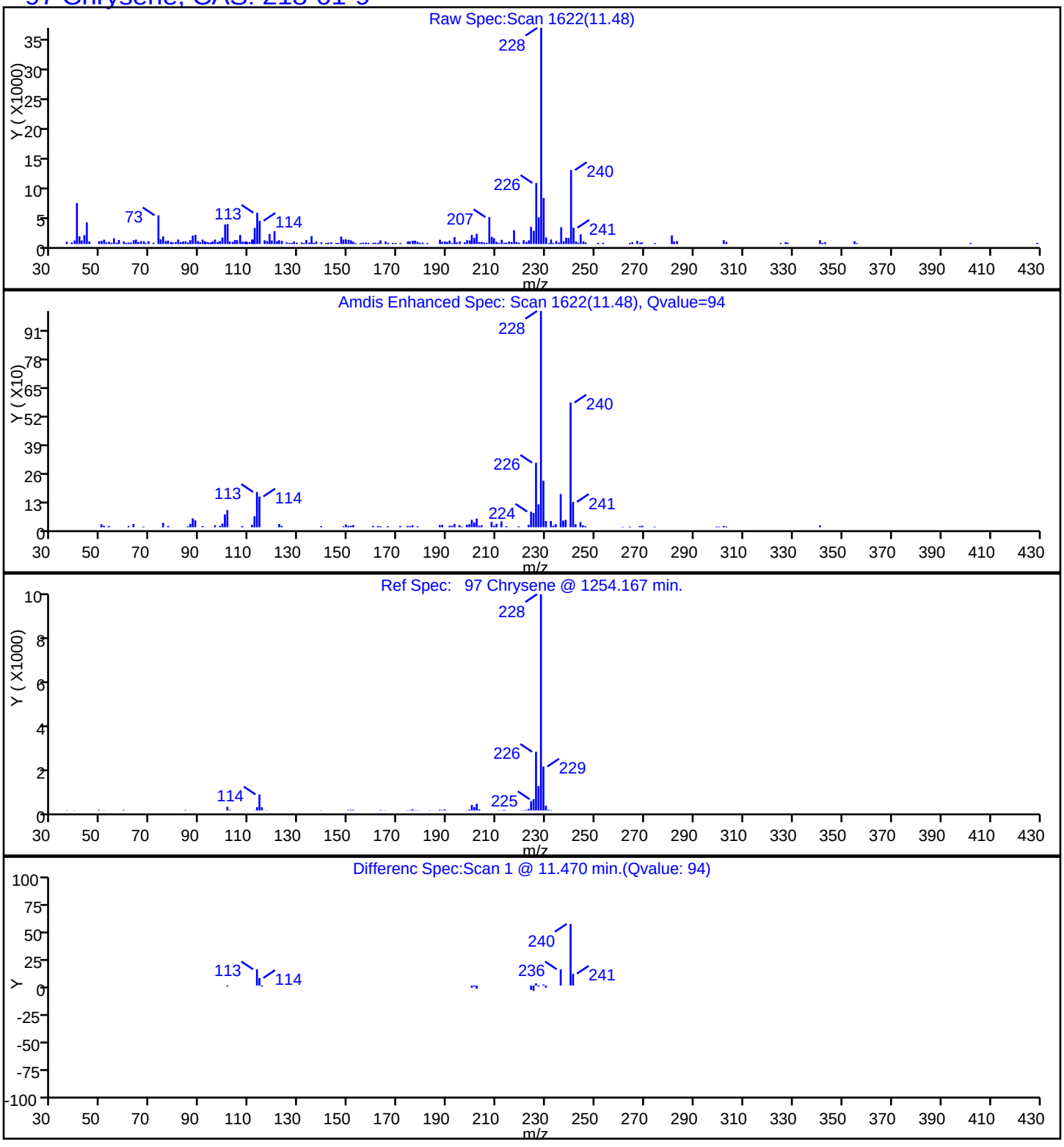
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9

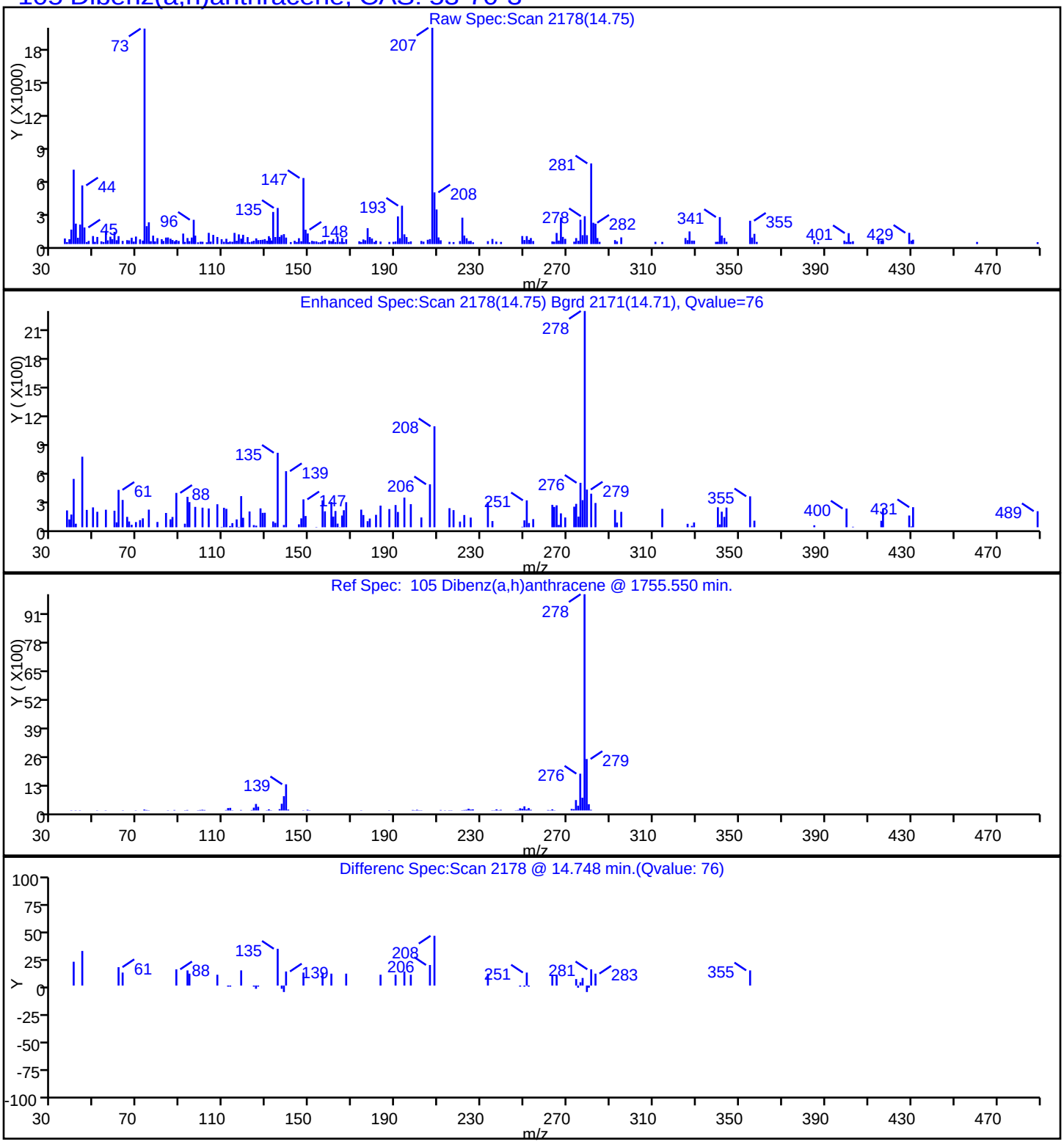


Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D				
Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3



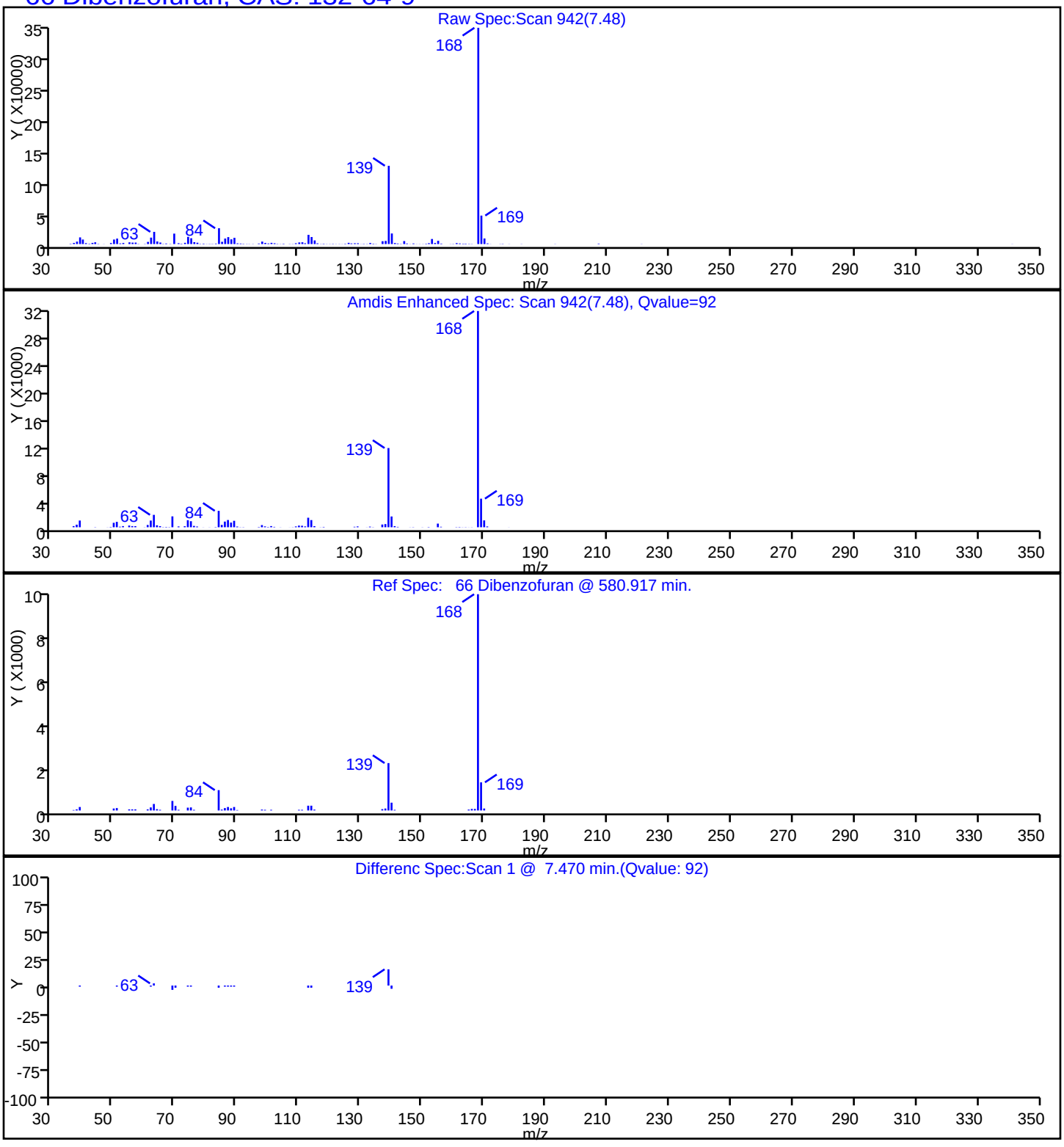
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



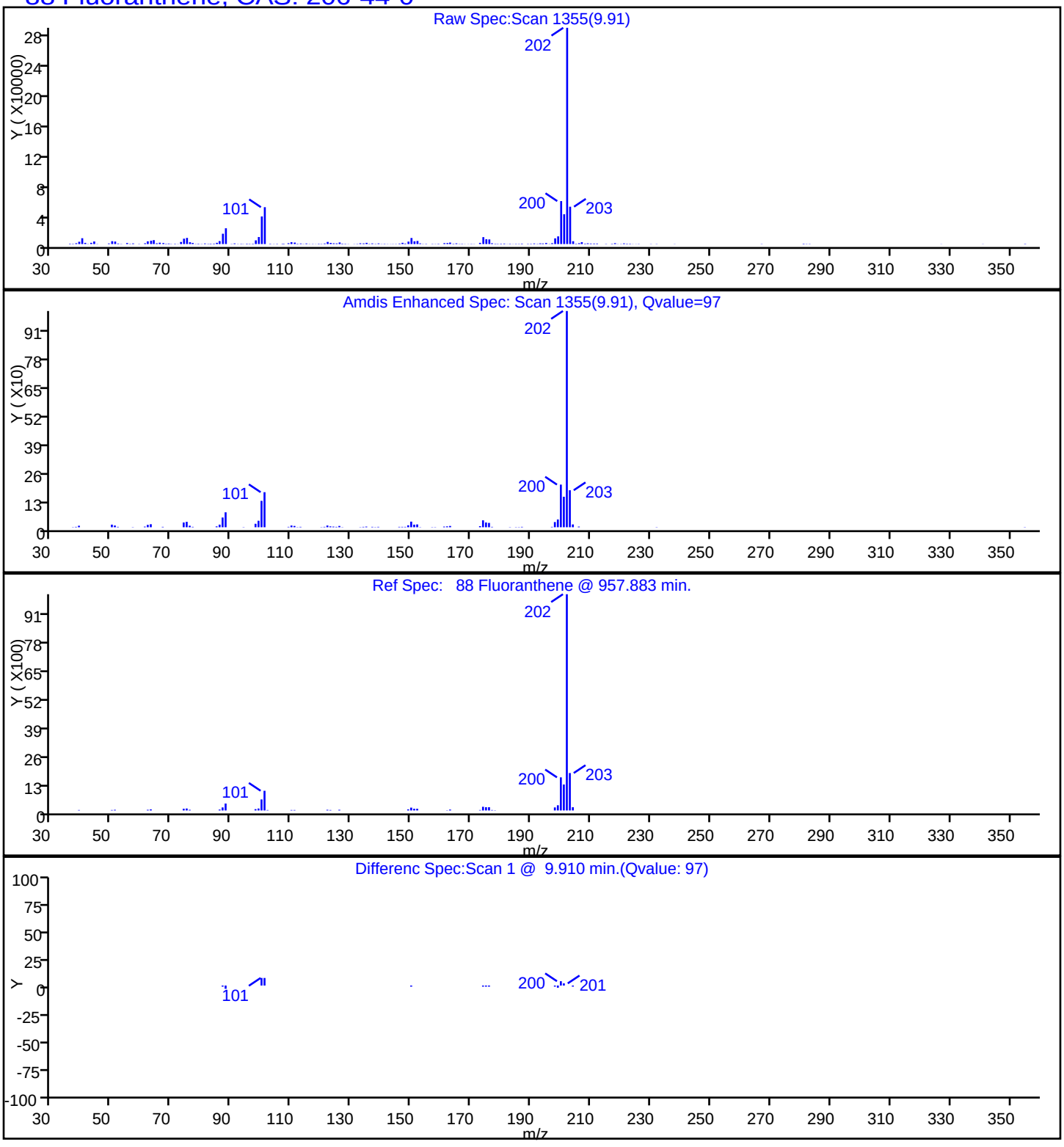
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



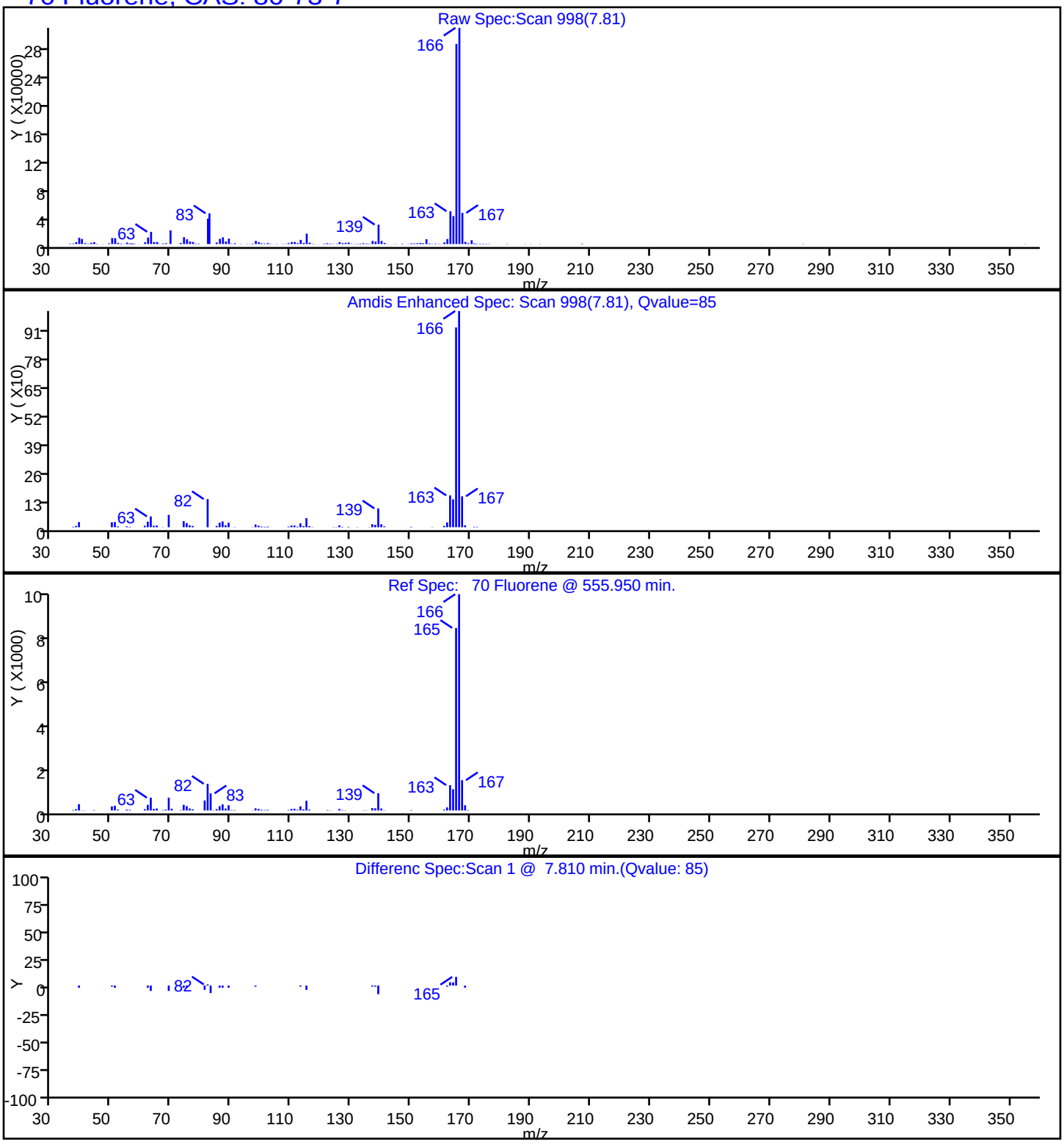
Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7

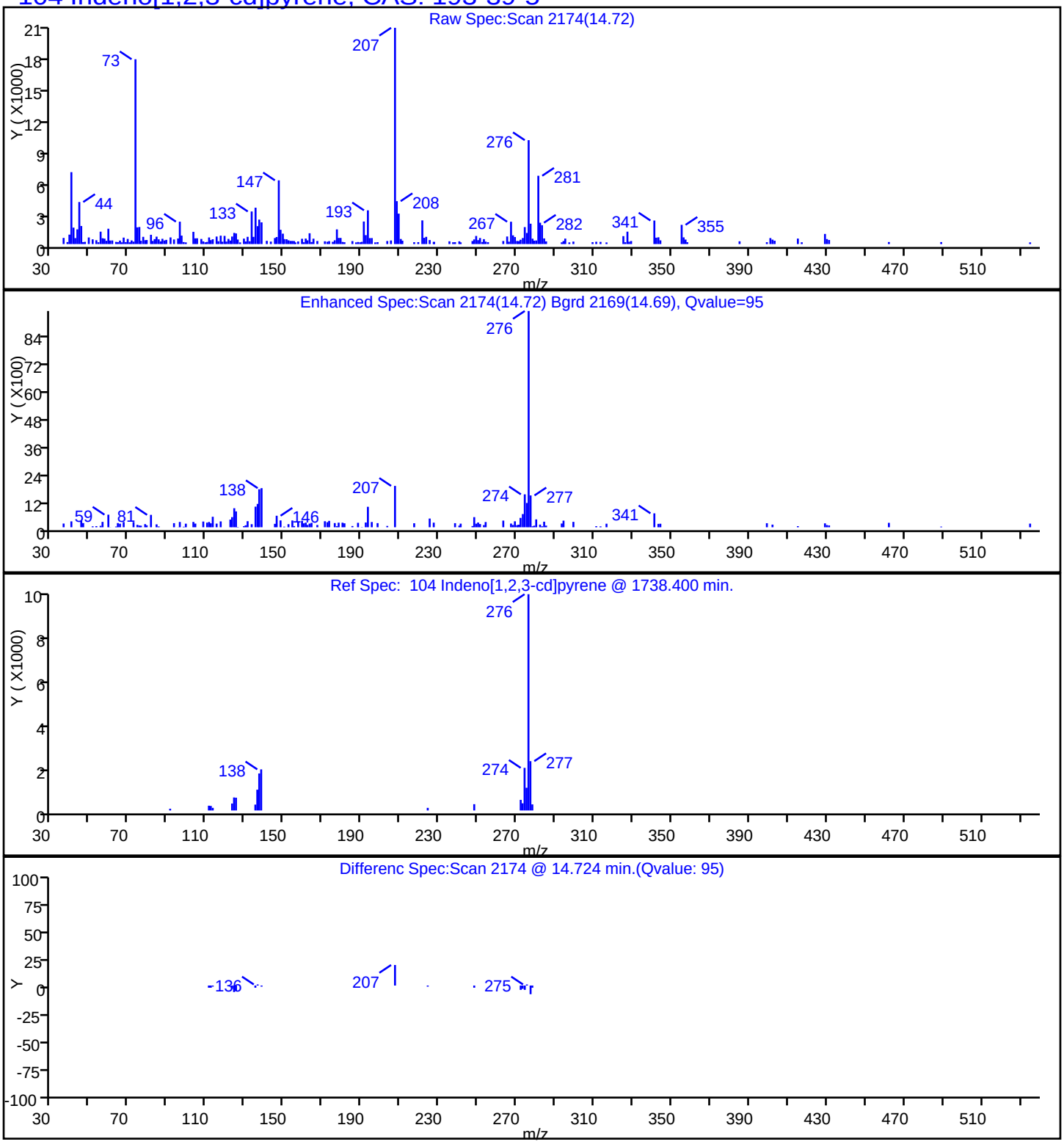


Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D				
Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



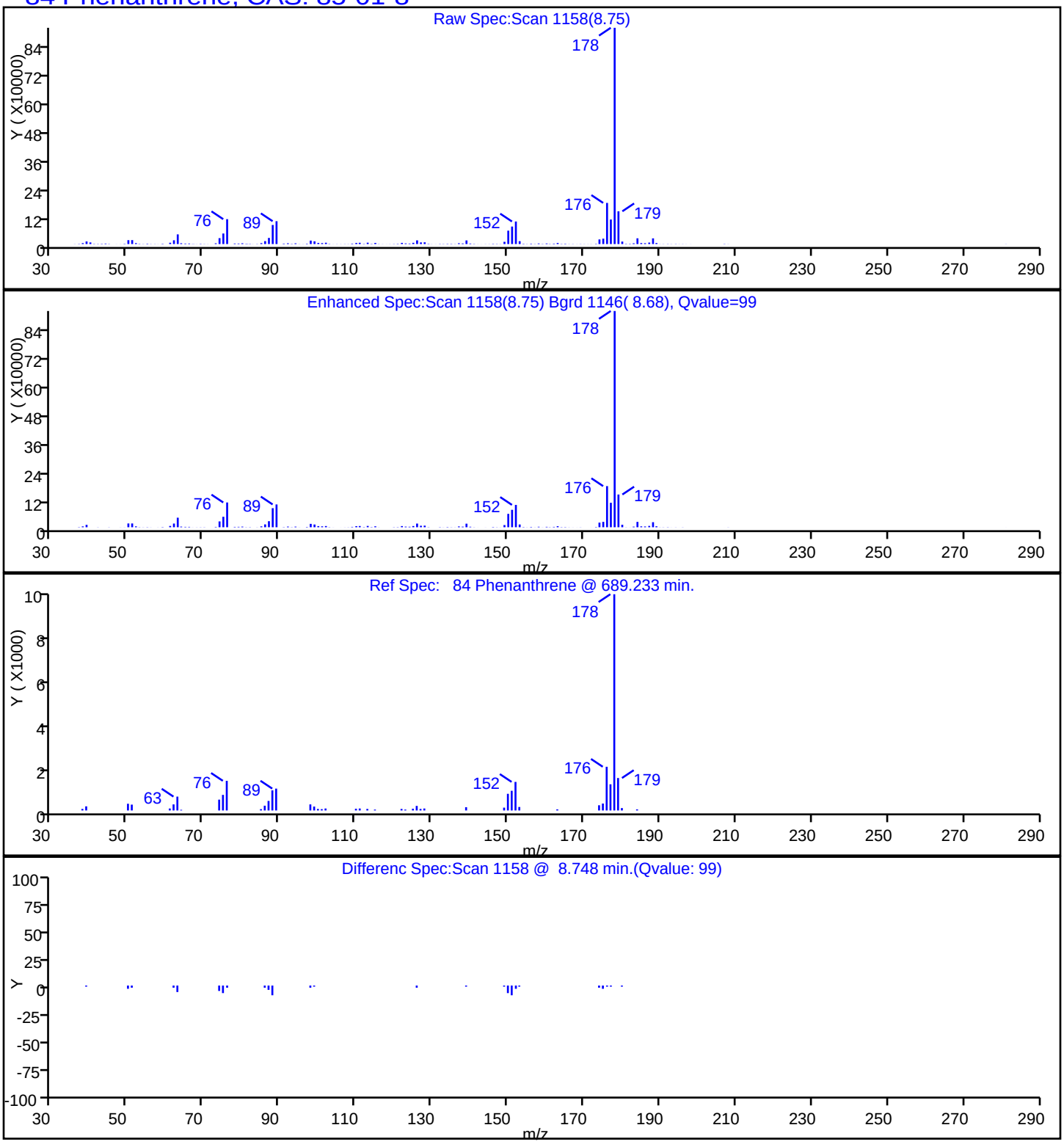
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date:	23-Jun-2014 10:27:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



Manual Integration/User Assign Peak Report

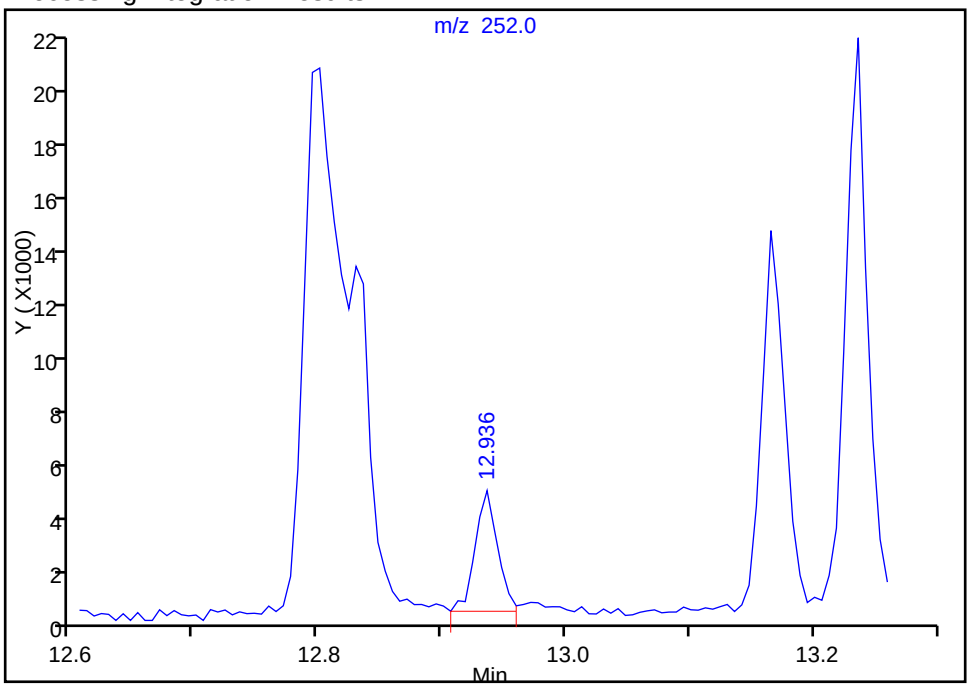
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D				
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Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

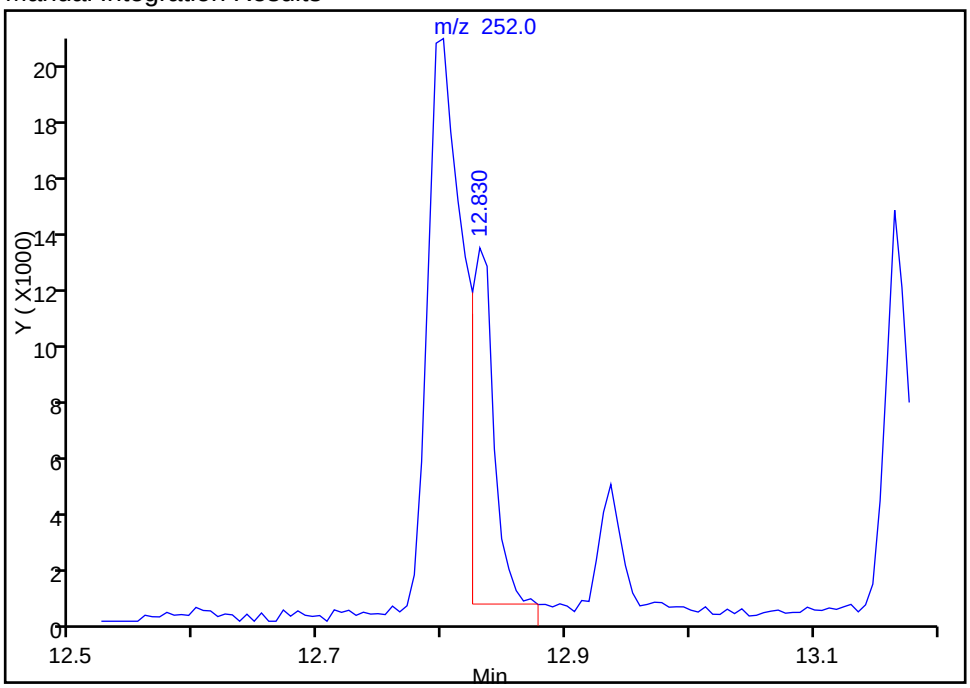
Processing Integration Results

RT: 12.94
Response: 5556
Amount: 0.029319



Manual Integration Results

RT: 12.83
Response: 15633
Amount: 0.082495



Reviewer: croccom, 23-Jun-2014 10:58:51
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Report Date: 24-Jun-2014 15:52:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06026.D

Injection Date: 23-Jun-2014 10:27:30 Instrument ID: CBNAMS13

Lims ID: 460-78044-G-9-A Lab Sample ID: 460-78044-9

Client ID: TWP-4

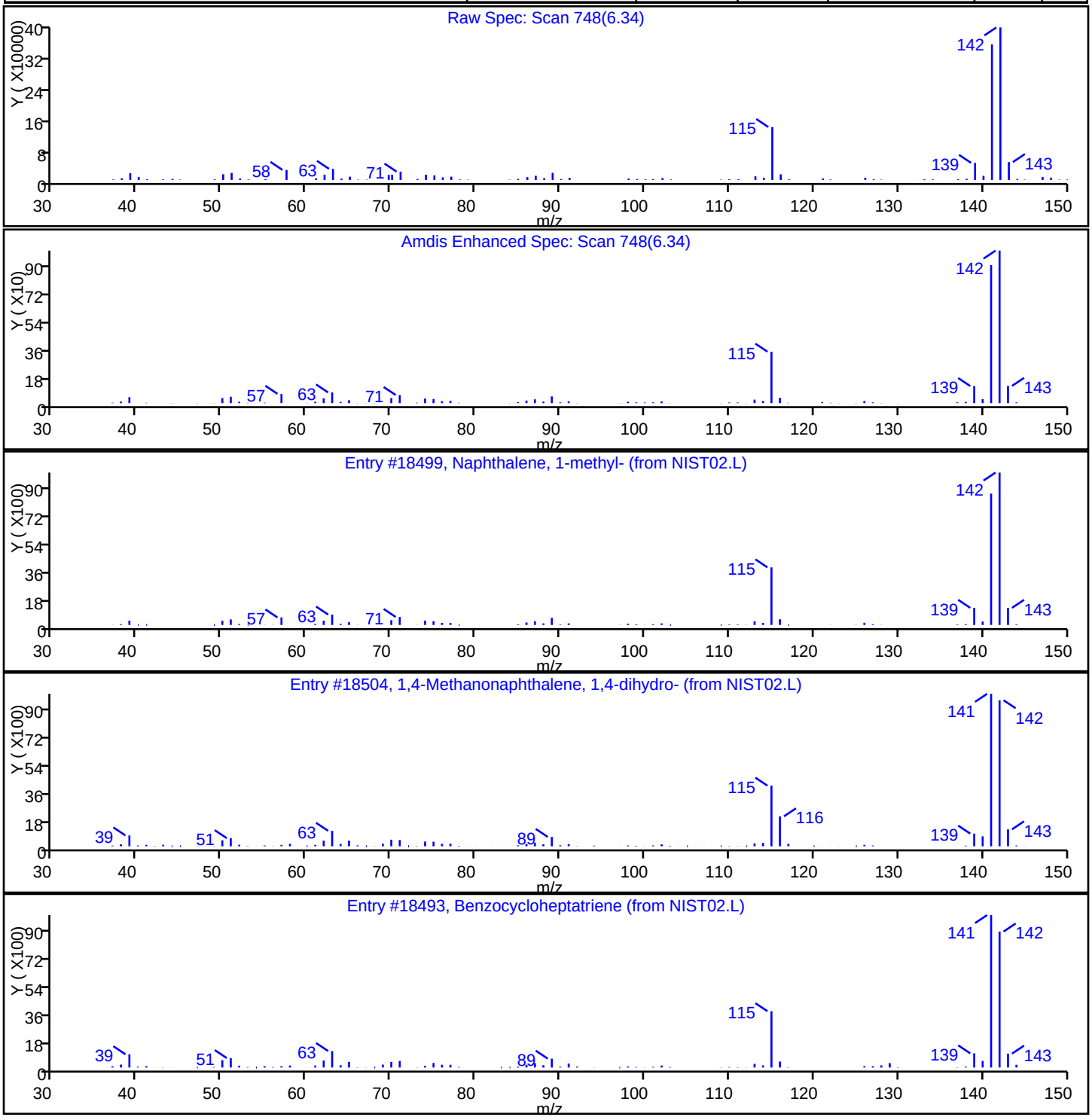
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02	18499	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: C06030.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U *	12	2.1
108-60-1	2,2'-oxybis[1-chloropropane]	1.5	U	12	1.5
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	U	12	1.1
95-95-4	2,4,5-Trichlorophenol	2.6	U	12	2.6
88-06-2	2,4,6-Trichlorophenol	1.7	U	12	1.7
120-83-2	2,4-Dichlorophenol	1.3	U	12	1.3
105-67-9	2,4-Dimethylphenol	1.4	U	12	1.4
51-28-5	2,4-Dinitrophenol	2.4	U	36	2.4
121-14-2	2,4-Dinitrotoluene	0.33	U	2.4	0.33
606-20-2	2,6-Dinitrotoluene	0.32	U	2.4	0.32
91-58-7	2-Chloronaphthalene	1.5	U	12	1.5
95-57-8	2-Chlorophenol	1.1	U	12	1.1
91-57-6	2-Methylnaphthalene	1.8	U	12	1.8
95-48-7	2-Methylphenol	1.7	U	12	1.7
88-74-4	2-Nitroaniline	2.4	U	24	2.4
88-75-5	2-Nitrophenol	0.81	U	12	0.81
91-94-1	3,3'-Dichlorobenzidine	3.8	U	24	3.8
99-09-2	3-Nitroaniline	3.5	U	24	3.5
534-52-1	4,6-Dinitro-2-methylphenol	3.6	U	36	3.6
101-55-3	4-Bromophenyl phenyl ether	1.3	U	12	1.3
59-50-7	4-Chloro-3-methylphenol	1.3	U	12	1.3
106-47-8	4-Chloroaniline	0.38	U	1.2	0.38
7005-72-3	4-Chlorophenyl phenyl ether	1.8	U	12	1.8
106-44-5	4-Methylphenol	1.2	U	12	1.2
100-01-6	4-Nitroaniline	3.5	U *	24	3.5
100-02-7	4-Nitrophenol	2.4	U *	36	2.4
83-32-9	Acenaphthene	1.3	U	12	1.3
208-96-8	Acenaphthylene	2.1	U	12	2.1
98-86-2	Acetophenone	1.1	U	12	1.1
120-12-7	Anthracene	1.0	U	12	1.0
1912-24-9	Atrazine	1.2	U	12	1.2
100-52-7	Benzaldehyde	2.5	U	12	2.5
191-24-2	Benzo[g,h,i]perylene	1.1	U	12	1.1
207-08-9	Benzo[k]fluoranthene	0.80	J	1.2	0.17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: C06030.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-91-1	Bis(2-chloroethoxy)methane	1.2	U	12	1.2
111-44-4	Bis(2-chloroethyl)ether	0.36	U	1.2	0.36
117-81-7	Bis(2-ethylhexyl) phthalate	0.96	U	12	0.96
85-68-7	Butyl benzyl phthalate	1.7	U	12	1.7
105-60-2	Caprolactam	1.1	U *	12	1.1
86-74-8	Carbazole	1.4	U	12	1.4
218-01-9	Chrysene	1.7	J	12	1.7
53-70-3	Dibenz(a,h)anthracene	0.19	U	1.2	0.19
132-64-9	Dibenzofuran	1.8	U	12	1.8
84-66-2	Diethyl phthalate	1.7	U	12	1.7
131-11-3	Dimethyl phthalate	1.3	U	12	1.3
84-74-2	Di-n-butyl phthalate	1.2	U *	12	1.2
117-84-0	Di-n-octyl phthalate	1.0	U	12	1.0
92-52-4	Diphenyl	2.1	U	12	2.1
206-44-0	Fluoranthene	3.4	J	12	1.3
86-73-7	Fluorene	2.0	U	12	2.0
87-68-3	Hexachlorobutadiene	0.81	U	2.4	0.81
77-47-4	Hexachlorocyclopentadiene	1.8	U	12	1.8
67-72-1	Hexachloroethane	0.18	U	1.2	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	J	1.2	0.13
78-59-1	Isophorone	1.5	U	12	1.5
91-20-3	Naphthalene	2.4	U	12	2.4
98-95-3	Nitrobenzene	0.40	U	1.2	0.40
621-64-7	N-Nitrosodi-n-propylamine	0.32	U	1.2	0.32
86-30-6	N-Nitrosodiphenylamine	1.2	U	12	1.2
85-01-8	Phenanthrene	2.9	J	12	1.4
108-95-2	Phenol	0.71	U	12	0.71
129-00-0	Pyrene	1.3	U	12	1.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: C06030.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	67		51-126
321-60-8	2-Fluorobiphenyl	62		50-120
367-12-4	2-Fluorophenol	47		15-96
4165-60-0	Nitrobenzene-d5	71		60-114
4165-62-2	Phenol-d5	34		4-86
1718-51-0	Terphenyl-d14	56	X	72-130

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: C06030.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/23/2014 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

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

Report Date: 24-Jun-2014 15:52:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D
Lims ID: 460-78044-F-10-A Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 23-Jun-2014 12:02:30 ALS Bottle#: 24 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-025
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:49 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 13:43:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.102	3.095	0.007	95	1323350	4.66	
$ 6 Phenol-d5	99	3.943	3.960	-0.017	80	1123533	3.41	
* 13 1,4-Dichlorobenzene-d4	152	4.249	4.254	-0.005	99	1672602	8.00	
$ 25 Nitrobenzene-d5	82	4.819	4.831	-0.012	90	1864378	7.12	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	5948182	8.00	
39 Caprolactam	113	5.978	6.013	-0.035	76	3887	0.0918	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	96	2948226	6.18	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2685592	8.00	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	94	362624	6.67	
* 83 Phenanthrene-d10	188	8.731	8.730	0.001	99	3142721	8.00	
84 Phenanthrene	178	8.748	8.760	-0.012	98	130778	0.3027	
88 Fluoranthene	202	9.907	9.913	-0.006	97	104198	0.3580	
90 Pyrene	202	10.131	10.136	-0.005	96	91122	-0.2970	7
$ 91 Terphenyl-d14	244	10.278	10.283	-0.005	98	1405348	5.62	
95 Benzo[a]anthracene	228	11.430	11.436	-0.006	86	35747	0.1647	
* 96 Chrysene-d12	240	11.442	11.448	-0.006	98	1656480	8.00	
97 Chrysene	228	11.472	11.483	-0.011	79	33741	0.1740	
100 Benzo[b]fluoranthene	252	12.795	12.807	-0.012	93	27241	0.1516	
101 Benzo[k]fluoranthene	252	12.824	12.842	-0.018	96	15568	0.0845	M
102 Benzo[a]pyrene	252	13.236	13.248	-0.012	94	22675	0.1373	
* 103 Perylene-d12	264	13.319	13.324	-0.005	97	1369172	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.724	14.742	-0.018	96	14338	0.1075	
106 Benzo[g,h,i]perylene	276	15.071	15.089	-0.018	86	14358	0.0769	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

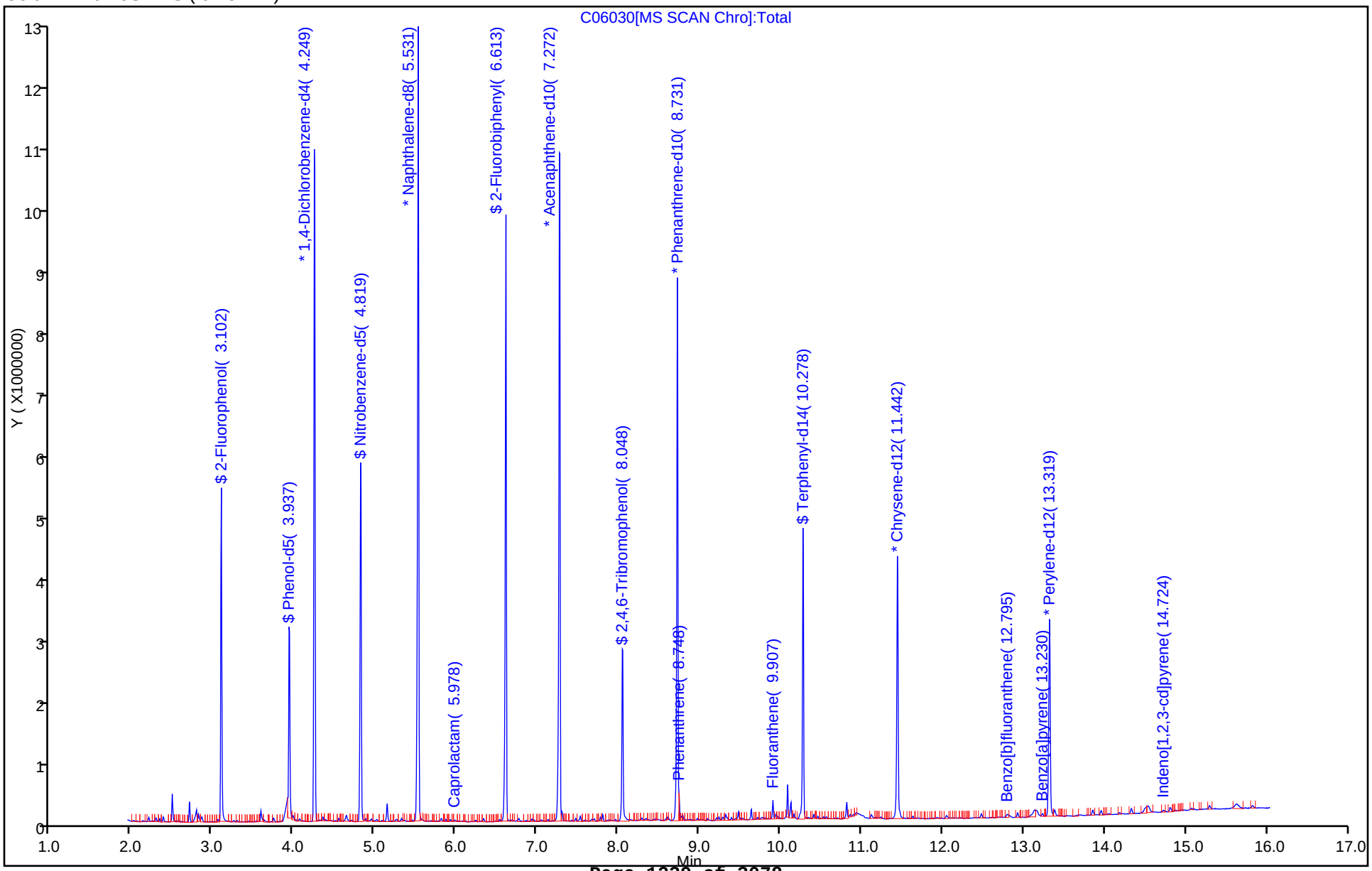
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10	Worklist Smp#:	25
Client ID:	TWP-5				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



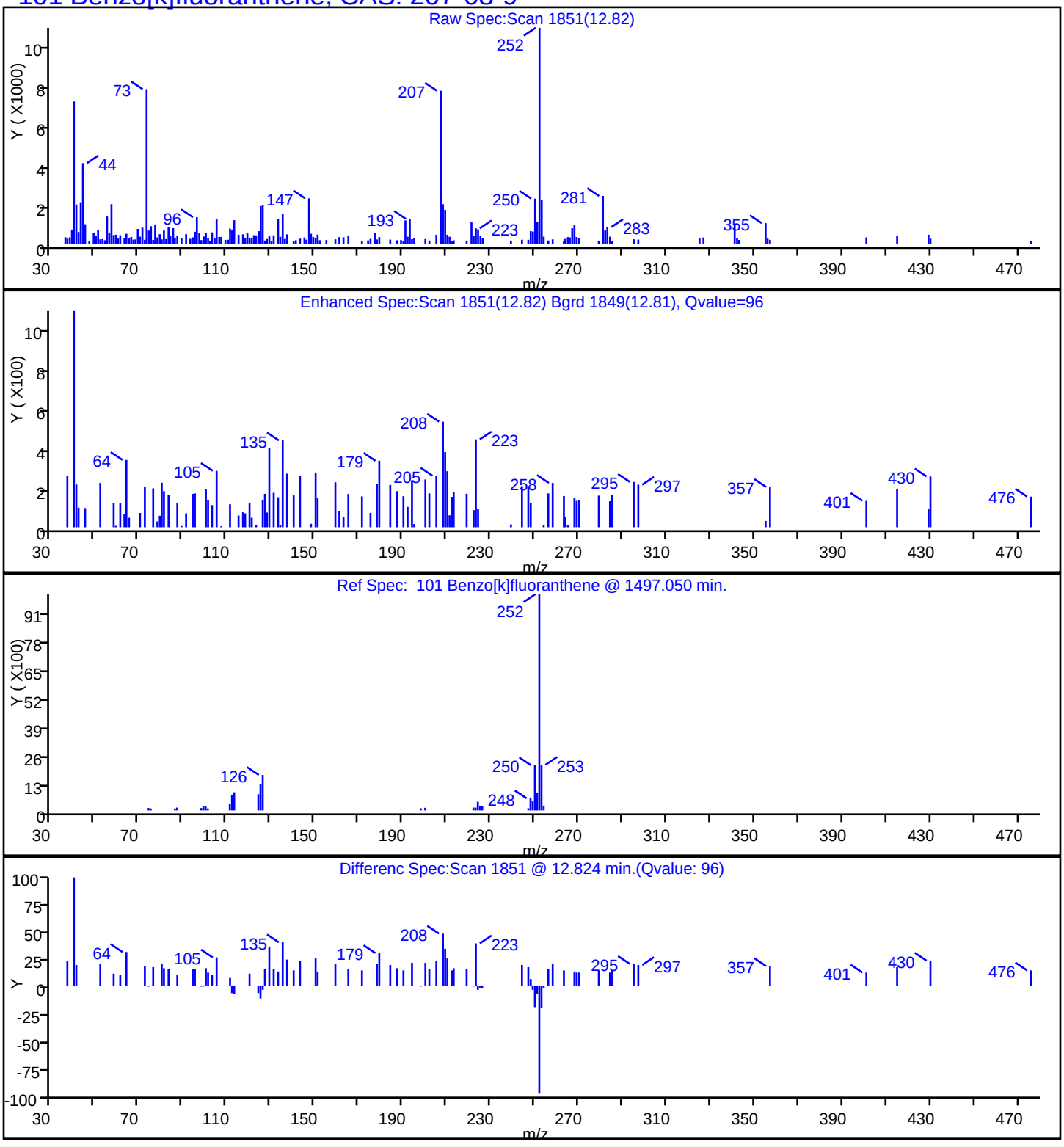
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



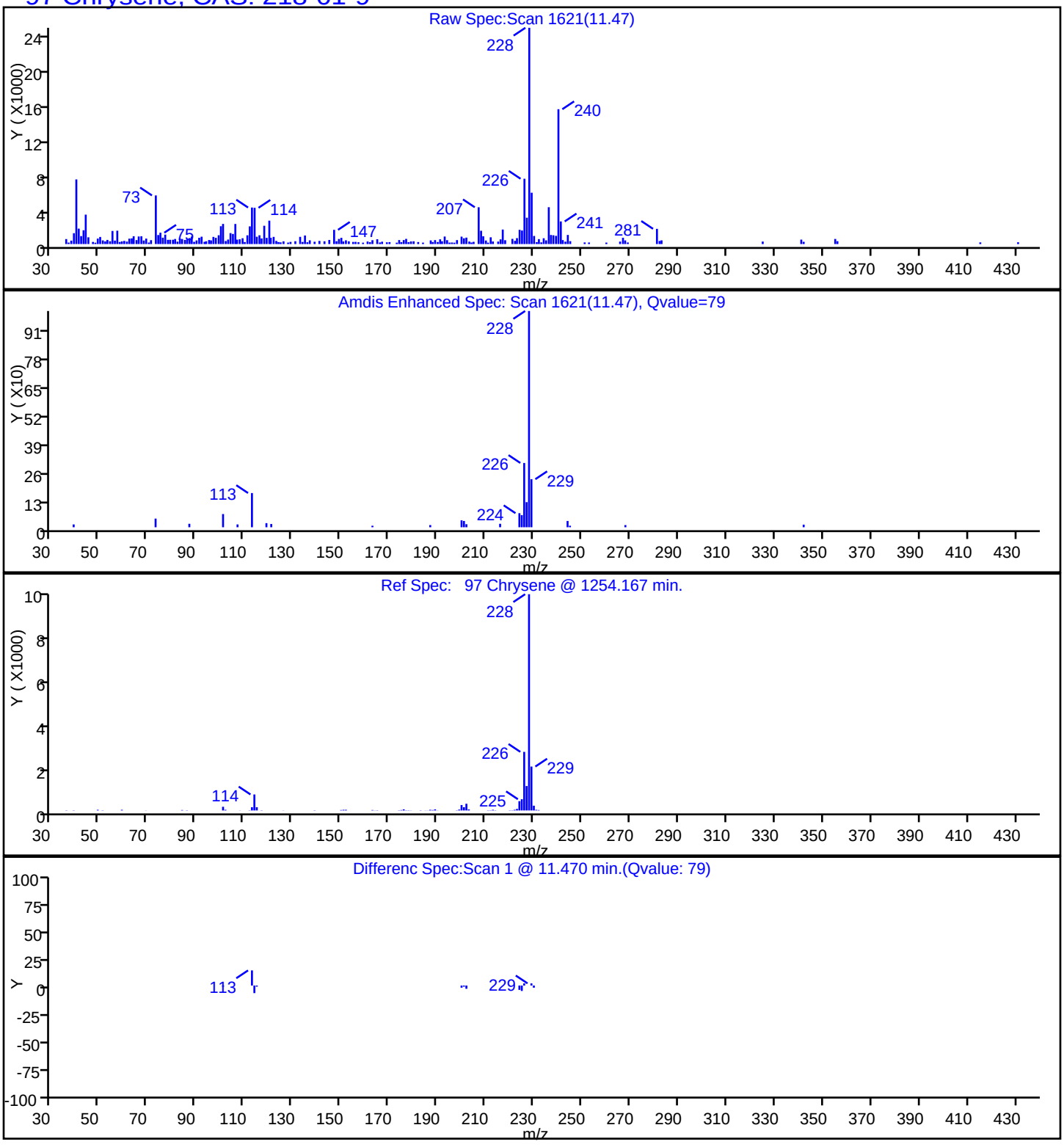
Report Date: 24-Jun-2014 15:52:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Chrysene, CAS: 218-01-9



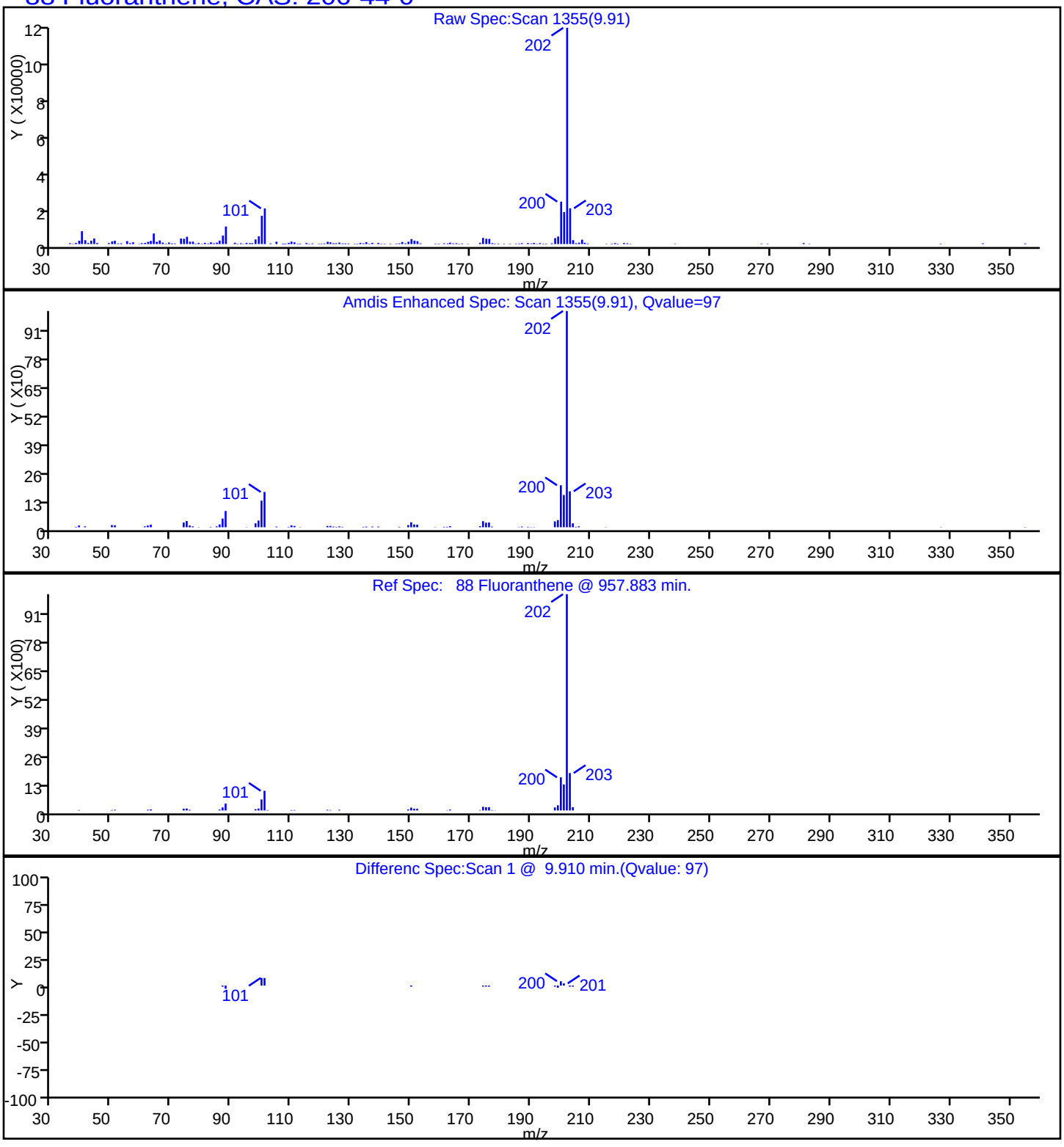
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



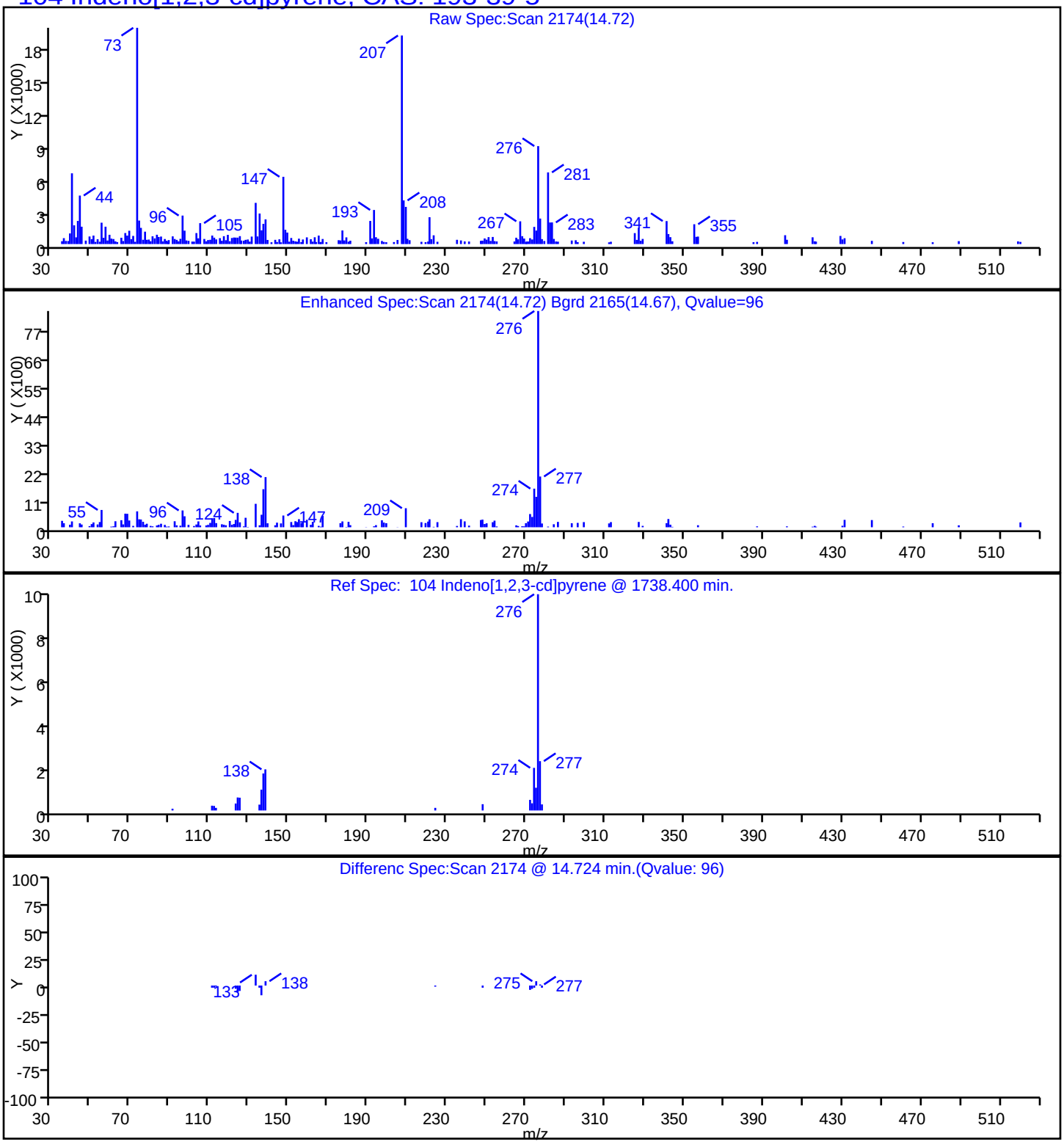
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



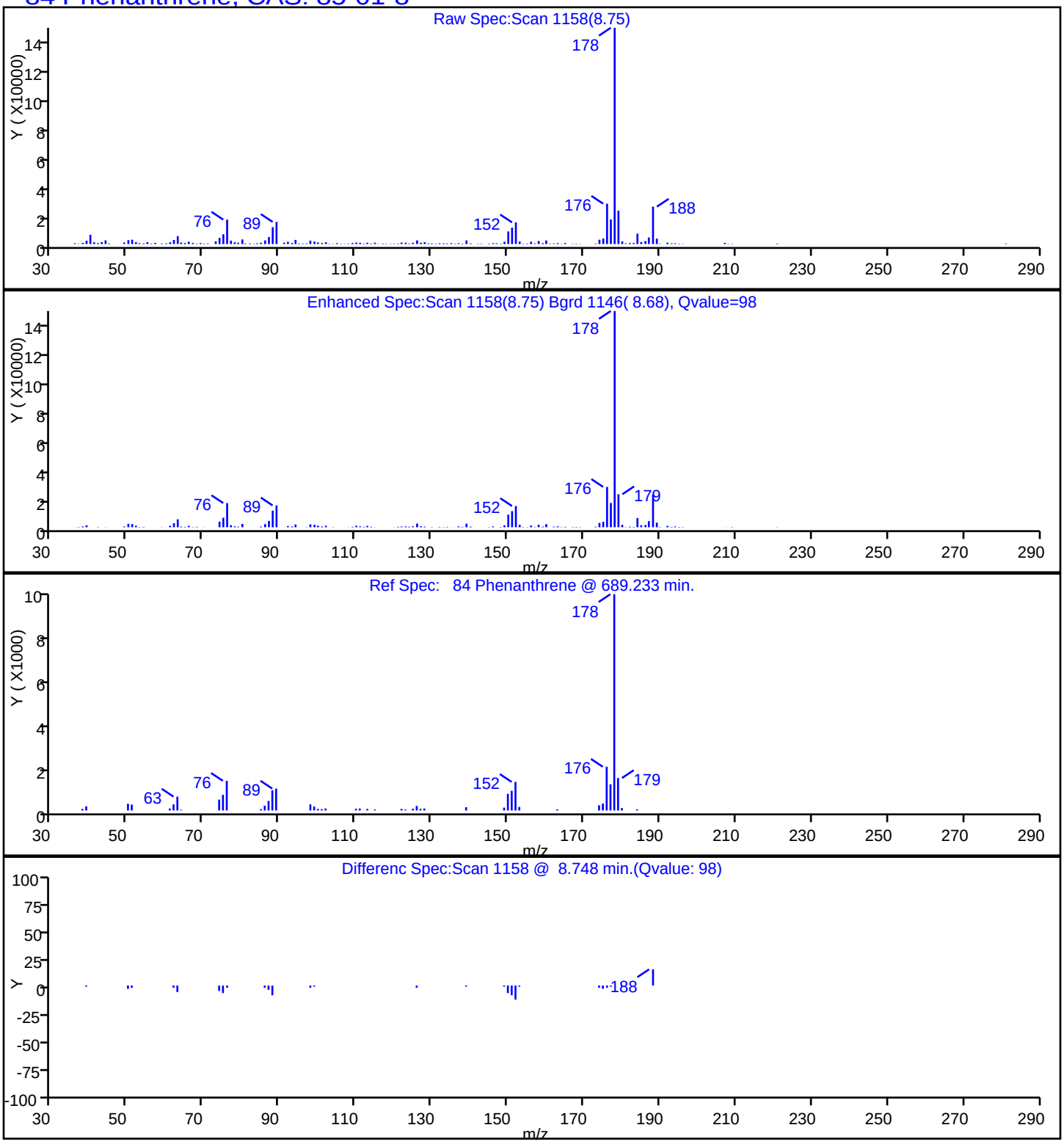
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06030.D

Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



Manual Integration/User Assign Peak Report

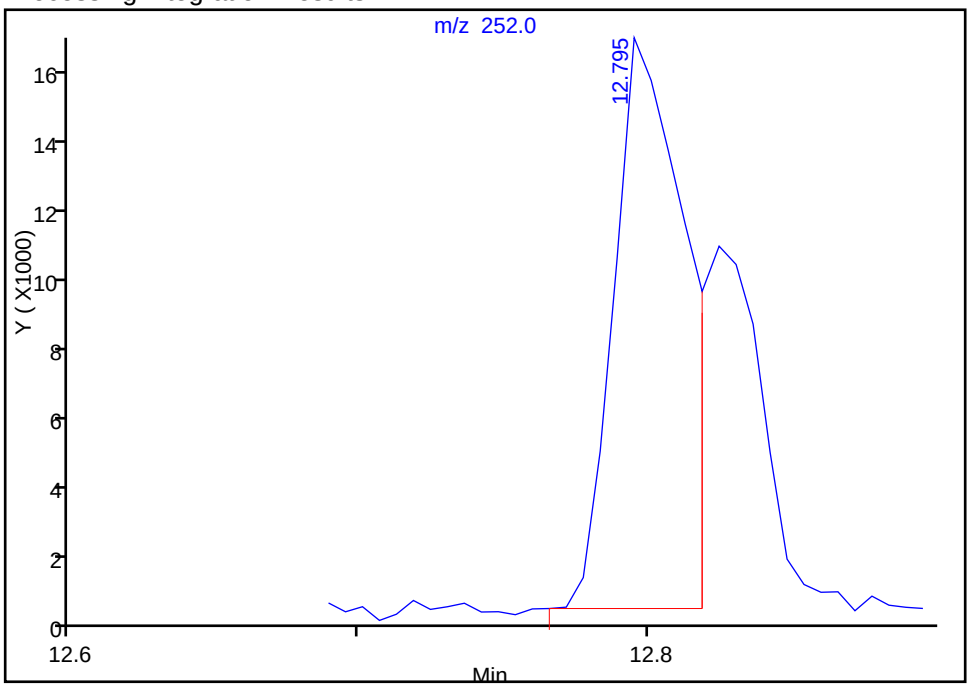
TestAmerica Edison

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Injection Date:	23-Jun-2014 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

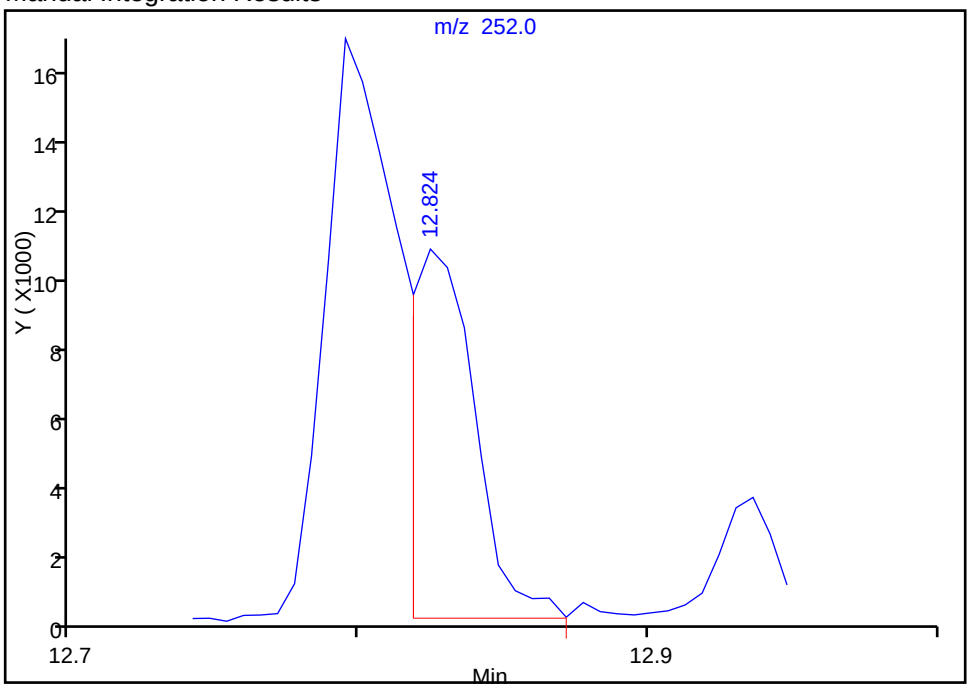
Processing Integration Results

RT: 12.80
Response: 27241
Amount: 0.147856



Manual Integration Results

RT: 12.82
Response: 15568
Amount: 0.084498



Reviewer: croccom, 23-Jun-2014 13:43:59
Audit Action: Manually Integrated
Audit Reason: Wrong peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: C06031.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 230(mL) | Date Analyzed: 06/23/2014 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U *	11	2.0
108-60-1	2,2'-oxybis[1-chloropropane]	1.4	U	11	1.4
58-90-2	2,3,4,6-Tetrachlorophenol	0.97	U	11	0.97
95-95-4	2,4,5-Trichlorophenol	2.4	U	11	2.4
88-06-2	2,4,6-Trichlorophenol	1.5	U	11	1.5
120-83-2	2,4-Dichlorophenol	1.2	U	11	1.2
105-67-9	2,4-Dimethylphenol	1.3	U	11	1.3
51-28-5	2,4-Dinitrophenol	2.2	U	33	2.2
121-14-2	2,4-Dinitrotoluene	0.30	U	2.2	0.30
606-20-2	2,6-Dinitrotoluene	0.29	U	2.2	0.29
91-58-7	2-Chloronaphthalene	1.4	U	11	1.4
95-57-8	2-Chlorophenol	1.0	U	11	1.0
91-57-6	2-Methylnaphthalene	1.6	U	11	1.6
95-48-7	2-Methylphenol	1.5	U	11	1.5
88-74-4	2-Nitroaniline	2.2	U	22	2.2
88-75-5	2-Nitrophenol	0.74	U	11	0.74
91-94-1	3,3'-Dichlorobenzidine	3.5	U	22	3.5
99-09-2	3-Nitroaniline	3.2	U	22	3.2
534-52-1	4,6-Dinitro-2-methylphenol	3.3	U	33	3.3
101-55-3	4-Bromophenyl phenyl ether	1.2	U	11	1.2
59-50-7	4-Chloro-3-methylphenol	1.2	U	11	1.2
106-47-8	4-Chloroaniline	0.35	U	1.1	0.35
7005-72-3	4-Chlorophenyl phenyl ether	1.6	U	11	1.6
106-44-5	4-Methylphenol	1.1	U	11	1.1
100-01-6	4-Nitroaniline	3.2	U *	22	3.2
100-02-7	4-Nitrophenol	2.2	U *	33	2.2
83-32-9	Acenaphthene	1.2	U	11	1.2
208-96-8	Acenaphthylene	2.0	U	11	2.0
98-86-2	Acetophenone	0.97	U	11	0.97
120-12-7	Anthracene	0.92	U	11	0.92
1912-24-9	Atrazine	1.1	U	11	1.1
100-52-7	Benzaldehyde	2.3	U	11	2.3
191-24-2	Benzo[g,h,i]perylene	1.0	U	11	1.0
207-08-9	Benzo[k]fluoranthene	0.15	U	1.1	0.15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: C06031.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 230(mL) | Date Analyzed: 06/23/2014 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-91-1	Bis(2-chloroethoxy)methane	1.1	U	11	1.1
111-44-4	Bis(2-chloroethyl)ether	0.33	U	1.1	0.33
117-81-7	Bis(2-ethylhexyl) phthalate	0.88	U	11	0.88
85-68-7	Butyl benzyl phthalate	1.5	U	11	1.5
105-60-2	Caprolactam	3.1	J *	11	0.99
86-74-8	Carbazole	1.3	U	11	1.3
218-01-9	Chrysene	1.5	U	11	1.5
53-70-3	Dibenz(a,h)anthracene	0.17	U	1.1	0.17
132-64-9	Dibenzofuran	1.6	U	11	1.6
84-66-2	Diethyl phthalate	1.5	U	11	1.5
131-11-3	Dimethyl phthalate	1.2	U	11	1.2
84-74-2	Di-n-butyl phthalate	2.4	J *	11	1.1
117-84-0	Di-n-octyl phthalate	0.96	U	11	0.96
92-52-4	Diphenyl	2.0	U	11	2.0
206-44-0	Fluoranthene	1.2	U	11	1.2
86-73-7	Fluorene	1.8	U	11	1.8
87-68-3	Hexachlorobutadiene	0.74	U	2.2	0.74
77-47-4	Hexachlorocyclopentadiene	1.6	U	11	1.6
67-72-1	Hexachloroethane	0.16	U	1.1	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.12	U	1.1	0.12
78-59-1	Isophorone	1.4	U	11	1.4
91-20-3	Naphthalene	2.2	U	11	2.2
98-95-3	Nitrobenzene	0.37	U	1.1	0.37
621-64-7	N-Nitrosodi-n-propylamine	0.29	U	1.1	0.29
86-30-6	N-Nitrosodiphenylamine	1.1	U	11	1.1
85-01-8	Phenanthrene	1.6	J	11	1.3
108-95-2	Phenol	0.65	U	11	0.65
129-00-0	Pyrene	1.2	U	11	1.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: C06031.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 230(mL) | Date Analyzed: 06/23/2014 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	75		51-126
321-60-8	2-Fluorobiphenyl	61		50-120
367-12-4	2-Fluorophenol	48		15-96
4165-60-0	Nitrobenzene-d5	72		60-114
4165-62-2	Phenol-d5	36		4-86
1718-51-0	Terphenyl-d14	62	X	72-130

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: C06031.D

Analysis Method: 8270D | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 230(mL) | Date Analyzed: 06/23/2014 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06031.D
Lims ID: 460-78044-F-11-A Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 23-Jun-2014 12:26:30 ALS Bottle#: 25 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-026
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:49 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 13:45:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.096	3.095	0.001	97	1208023	4.81	
$ 6 Phenol-d5	99	3.943	3.960	-0.017	89	1047554	3.60	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	98	1478364	8.00	
$ 25 Nitrobenzene-d5	82	4.819	4.831	-0.012	91	1695182	7.23	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	5329244	8.00	
39 Caprolactam	113	5.966	6.013	-0.047	89	13643	0.3597	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	2786832	6.07	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2585579	8.00	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	393147	7.51	
* 83 Phenanthrene-d10	188	8.731	8.730	0.001	99	3431127	8.00	
84 Phenanthrene	178	8.748	8.760	-0.012	96	86449	0.1833	
87 Di-n-butyl phthalate	149	9.289	9.295	-0.006	100	101867	0.2706	
$ 91 Terphenyl-d14	244	10.278	10.283	-0.005	99	1735087	6.21	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1853727	8.00	
* 103 Perylene-d12	264	13.319	13.324	-0.006	96	1399802	8.00	

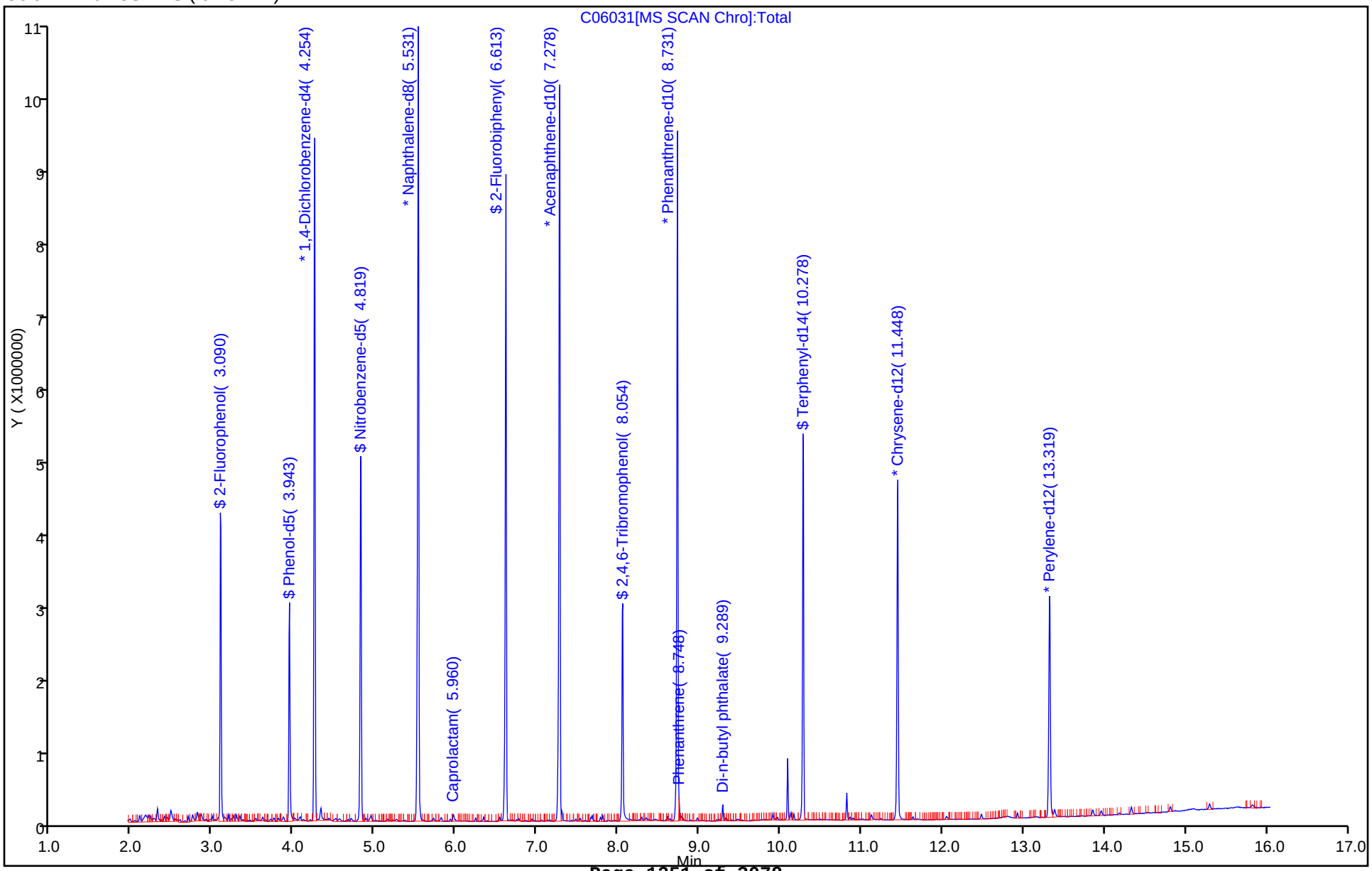
Report Date: 24-Jun-2014 15:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06031.D

Injection Date:	23-Jun-2014 12:26:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11	Worklist Smp#:	26
Client ID:	TWP-7				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



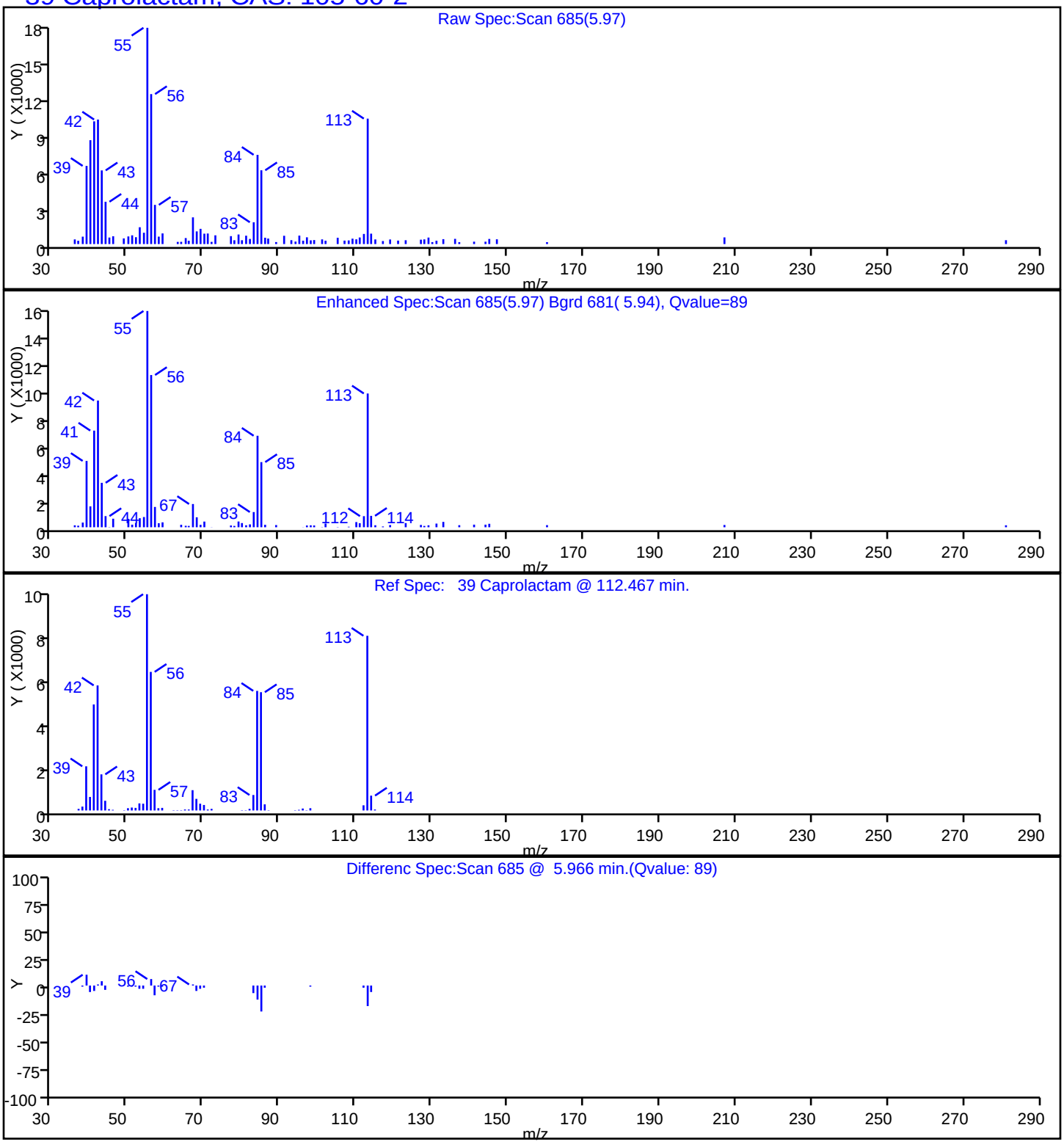
Report Date: 24-Jun-2014 15:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06031.D

Injection Date:	23-Jun-2014 12:26:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Caprolactam, CAS: 105-60-2



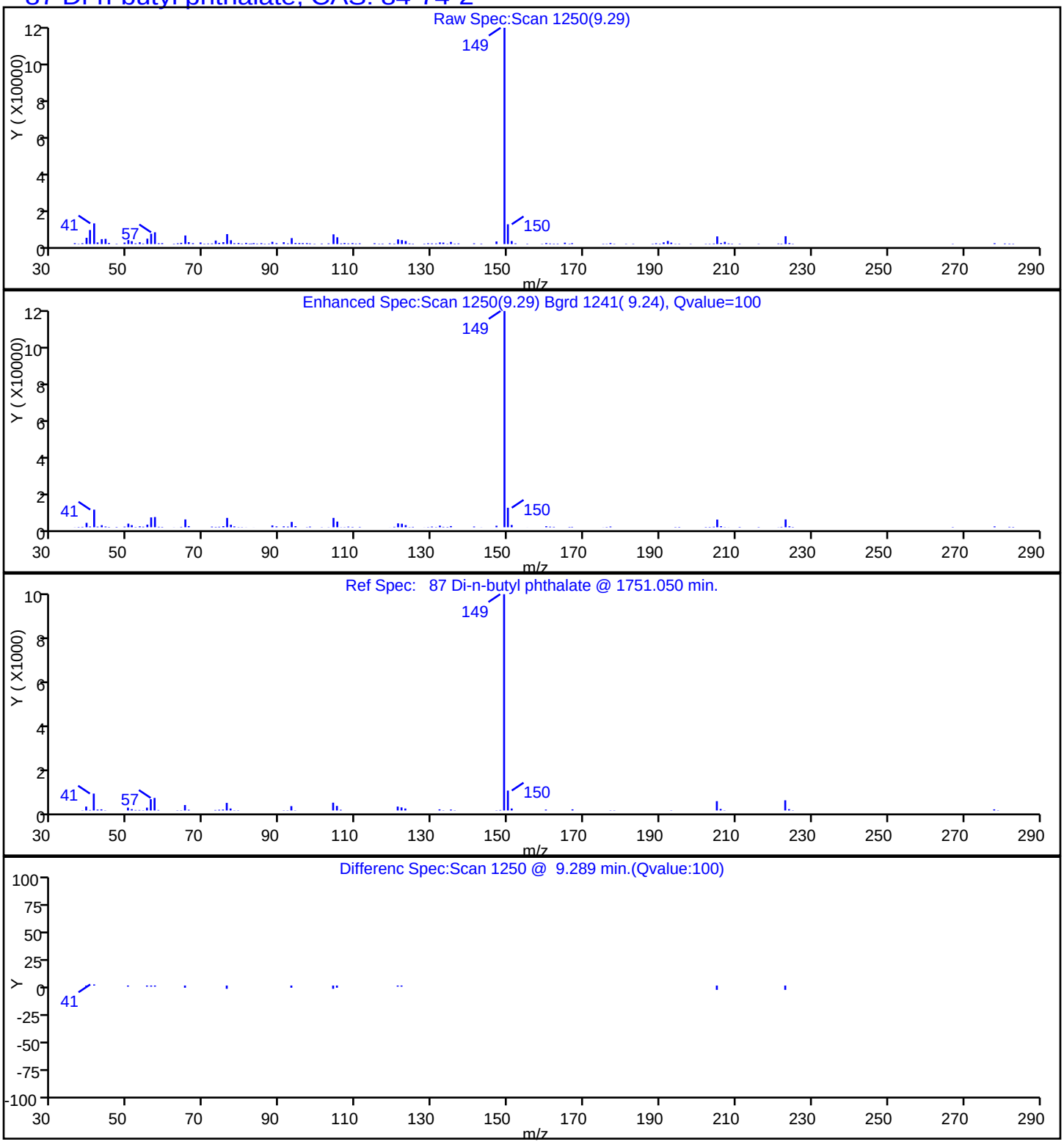
Report Date: 24-Jun-2014 15:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06031.D

Injection Date:	23-Jun-2014 12:26:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Di-n-butyl phthalate, CAS: 84-74-2



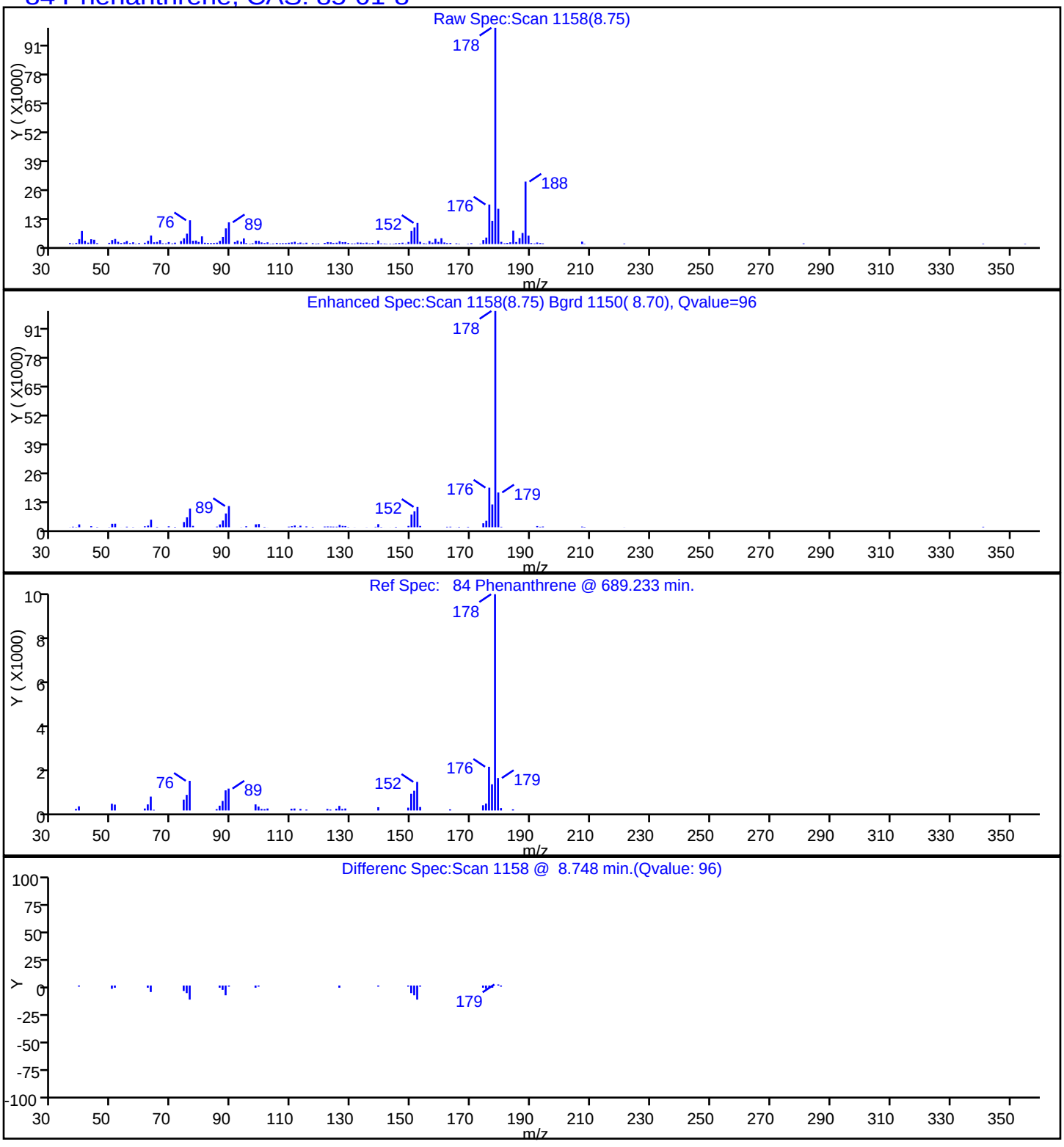
Report Date: 24-Jun-2014 15:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06031.D

Injection Date:	23-Jun-2014 12:26:30	Instrument ID:	CBNAMS13		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232183/9	L1150821.D
Level 2	IC 460-232183/8	L1150820.D
Level 3	IC 460-232183/7	L1150819.D
Level 4	IC 460-232183/6	L1150818.D
Level 5	IC 460-232183/5	L1150817.D
Level 6	ICIS 460-232183/2	L1150814.D
Level 7	IC 460-232183/4	L1150816.D
Level 8	IC 460-232183/3	L1150815.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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5173	0.5114	0.5202 0.5058	0.5725	0.5153	Ave		0.5237				4.7		20.0			
N-Nitrosodimethylamine	0.7975	0.7888	0.7460 0.7992	0.7746	0.7588	Ave		0.7775				2.8		20.0			
Pyridine	1.3414	1.3278	1.2553 1.3348	1.3398	1.2966	Ave		1.3160				2.6		20.0			
Phenol	1.6155	1.5749	1.5922 1.5959	1.6756	1.5644	Ave		1.6031			0.8000	2.5		20.0			
Aniline	1.9353	1.8384	1.9386 1.9388	2.0079	1.9125	Ave		1.9286				2.8		20.0			
Bis(2-chloroethyl)ether	1.1273 1.2849	1.2550 1.2604	1.3174 1.2623	1.3205	1.2422	Ave		1.2588			0.7000	4.8		20.0			
2-Chlorophenol	1.3459	1.3169	1.3152 1.3156	1.3682	1.3051	Ave		1.3278			0.8000	1.8		20.0			
n-Decane	2.5574	2.5387	2.5932 2.4814	2.6727	2.5285	Ave		2.5620				2.6		20.0			
1,3-Dichlorobenzene	1.5252	1.4972	1.5521 1.4972	1.5676	1.5039	Ave		1.5239				2.0		20.0			
1,4-Dichlorobenzene	1.5329	1.5188	1.5361 1.5049	1.5914	1.5093	Ave		1.5322				2.1		20.0			
Benzyl alcohol	0.7623	0.7416	0.7422 0.7381	0.7683	0.7349	Ave		0.7479				1.9		20.0			
1,2-Dichlorobenzene	1.4333	1.4205	1.4826 1.4168	1.4933	1.4099	Ave		1.4427				2.5		20.0			
2-Methylphenol	1.1296	1.1034	1.1225 1.1620	1.1698	1.0882	Ave		1.1292			0.7000	2.8		20.0			
2,2'-oxybis[1-chloropropane]	3.1619	3.0715	3.3111 3.0638	3.2637	3.0792	Ave		3.1585			0.0100	3.4		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
3 & 4 Methylphenol	1.2397	1.2019	1.2598 1.2248	1.2715	1.2279	Ave		1.2376				2.0		20.0			
4-Methylphenol	1.2354	1.1965	1.2598 1.2248	1.2715	1.2279	Ave		1.2360			0.6000	2.2		20.0			
N-Nitrosodi-n-propylamine	0.8419 0.9542	0.8845 0.9485	0.9840 0.9562	0.9344	0.9135	Ave		0.9271			0.5000	4.9		20.0			
Acetophenone	1.6827	1.6439	1.7496 1.6388	1.7402	1.6295	Ave		1.6808			0.0100	3.2		20.0			
Hexachloroethane	0.4976 0.6062	0.5677 0.5987	0.6135 0.5947	0.6197	0.5839	Ave		0.5852			0.3000	6.7		20.0			
n,n'-Dimethylaniline	1.8819 1.9744	1.7788 1.8817	1.9953 1.9715	1.9361	1.9706	Ave		1.9238				3.8		20.0			
Nitrobenzene	0.4653 0.5319	0.5103 0.5244	0.5358 0.5395	0.5335	0.5223	Ave		0.5204			0.2000	4.6		20.0			
Isophorone	0.5995	0.6022	0.6136 0.6101	0.6242	0.5861	Ave		0.6059			0.4000	2.2		20.0			
2-Nitrophenol	0.1870	0.1871	0.1790 0.1878	0.1875	0.1804	Ave		0.1848			0.1000	2.1		20.0			
2,4-Dimethylphenol	0.2926	0.2879	0.2802 0.2914	0.2903	0.2814	Ave		0.2873			0.2000	1.8		20.0			
Bis(2-chloroethoxy)methane	0.3903	0.3863	0.3940 0.3884	0.3918	0.3784	Ave		0.3882			0.3000	1.4		20.0			
2,4-Dichlorophenol	0.2840	0.2771	0.2782 0.2834	0.2862	0.2741	Ave		0.2805			0.2000	1.7		20.0			
1,2,4-Trichlorobenzene	0.3052 0.3430	0.3303 0.3329	0.3410 0.3331	0.3522	0.3328	Ave		0.3338				4.1		20.0			
Naphthalene	1.0028	0.9717	1.0186 0.9773	1.0286	0.9845	Ave		0.9973			0.7000	2.3		20.0			
4-Chloroaniline	0.4010	0.3783	0.3958 0.3825	0.4009	0.3866	Ave		0.3909			0.0100	2.5		20.0			
Hexachlorobutadiene	0.2077	0.1874 0.2088	0.2093 0.2077	0.2128	0.2056	Ave		0.2056			0.0100	4.0		20.0			
Caprolactam	0.0841	0.0840	0.0750 0.0924	0.0772	0.0754	Ave		0.0813			0.0100	8.3		20.0			
4-Chloro-3-methylphenol	0.2576	0.2612	0.2509 0.2621	0.2560	0.2445	Ave		0.2554			0.2000	2.6		20.0			
2-Methylnaphthalene	0.6590	0.6493	0.6774 0.6473	0.6895	0.6390	Ave		0.6603			0.4000	2.9		20.0			
1-Methylnaphthalene	0.6094	0.6047	0.6359 0.5988	0.6350	0.5946	Ave		0.6131				2.9		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4005	0.4179	0.3662 0.4296	0.3963	0.4012	Ave		0.4019			0.0500	5.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.6111	0.5994	0.6347 0.6027	0.6308	0.6052	Ave		0.6140			0.0100	2.5		20.0			
2-tertbutyl-4-methylphenol	0.4239	0.4007	0.4309 0.4194	0.3930	0.4021	Ave		0.4117				3.7		20.0			
2,4,6-Trichlorophenol	0.3697	0.3617	0.3614 0.3683	0.3775	0.3563	Ave		0.3658			0.2000	2.1		20.0			
2,4,5-Trichlorophenol	0.3936	0.3877	0.3717 0.3863	0.3851	0.3590	Ave		0.3806			0.2000	3.4		20.0			
Diphenyl	1.4652	1.4193	1.4958 1.4194	1.5135	1.4274	Ave		1.4568			0.0100	2.8		20.0			
2-Chloronaphthalene	1.1058	1.0785	1.1267 1.0797	1.1470	1.1060	Ave		1.1073			0.8000	2.4		20.0			
Phenyl ether	0.7804	0.7361	0.7863 0.7845	0.7551	0.7730	Ave		0.7693				2.6		20.0			
2-Nitroaniline	0.4409	0.4392	0.4371 0.4404	0.4371	0.4281	Ave		0.4371			0.0100	1.1		20.0			
1,3-Dimethylnaphthalene	0.9095	0.8677	0.9389 0.9159	0.8744	0.9087	Ave		0.9025				3.0		20.0			
Dimethyl phthalate	1.1231	1.1125	1.1439 1.0838	1.1643	1.0848	Ave		1.1187			0.0100	2.9		20.0			
Coumarin	0.2033	0.1950	0.2000 0.2005	0.1887	0.1860	Ave		0.1956				3.6		20.0			
2,6-Dinitrotoluene	0.2787	0.2375 0.2779	0.2777 0.2737	0.2844	0.2637	Ave		0.2705			0.2000	5.9		20.0			
Acenaphthylene	1.6139	1.6072	1.6588 1.5862	1.7014	1.6121	Ave		1.6299			0.9000	2.6		20.0			
3-Nitroaniline	0.2805	0.2782	0.2670 0.2718	0.2763	0.2665	Ave		0.2734			0.0100	2.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9574	0.9310	0.9634 0.9664	0.9105	0.9372	Ave		0.9443				2.3		20.0			
Acenaphthene	1.0414	1.0234	1.1002 1.0166	1.1001	1.0202	Ave		1.0503			0.9000	3.8		20.0			
2,4-Dinitrophenol	0.1820	0.1921	0.1253 0.1894	0.1475	0.1541	Ave		0.1651			0.0100	16.0		20.0			
4-Nitrophenol	0.2158	0.2278	0.1643 0.2214	0.1993	0.1904	Ave		0.2032			0.0100	12.0		20.0			
2,4-Dinitrotoluene	0.3516	0.2698 0.3544	0.3461 0.3426	0.3673	0.3287	Ave		0.3372			0.2000	9.5		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.5369	1.5075	1.5778 1.4950	1.5873	1.4914	Ave		1.5327			0.8000	2.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3203	0.3269	0.2983 0.3172	0.3087	0.3011	Ave		0.3121			0.0100	3.6		20.0			
Diethyl phthalate	1.0639	1.0825	1.0897 1.0273	1.1166	1.0106	Ave		1.0651			0.0100	3.7		20.0			
4-Chlorophenyl phenyl ether	0.5961	0.5843	0.6038 0.5631	0.6092	0.5677	Ave		0.5873			0.4000	3.2		20.0			
Fluorene	1.2280	1.2105	1.2651 1.1698	1.2766	1.1843	Ave		1.2224			0.9000	3.5		20.0			
4-Nitroaniline	0.2603	0.2670	0.2308 0.2406	0.2445	0.2287	Ave		0.2453			0.0100	6.3		20.0			
4,6-Dinitro-2-methylphenol	0.1515	0.1510	0.1235 0.1521	0.1378	0.1372	Ave		0.1422			0.0100	8.1		20.0			
N-Nitrosodiphenylamine	0.5780	0.5282	0.5771 0.5534	0.5251	0.5610	Ave		0.5538			0.0100	4.2		20.0			
1,2-Diphenylhydrazine	0.8250	0.7954	0.8088 0.8193	0.8244	0.8129	Ave		0.8143				1.4		20.0			
4-Bromophenyl phenyl ether	0.2343	0.2280	0.2343 0.2376	0.2291	0.2286	Ave		0.2320			0.1000	1.7		20.0			
Hexachlorobenzene	0.2287 0.2466	0.2355 0.2401	0.2555 0.2418	0.2468	0.2358	Ave		0.2413			0.1000	3.5		20.0			
Atrazine	0.1964	0.1619	0.2005 0.1632	0.1917	0.1910	Ave		0.1841			0.0100	9.3		20.0			
Pentachlorophenol	0.1553	0.1582	0.1279 0.1594	0.1453	0.1408	Ave		0.1478			0.0500	8.3		20.0			
Pentachloronitrobenzene	0.1008	0.0986	0.0894 0.1050	0.0951	0.0961	Ave		0.0975				5.4		20.0			
n-Octadecane	0.7053	0.6961	0.6594 0.7058	0.6748	0.6695	Ave		0.6852				2.9		20.0			
Phenanthrene	1.0709	1.0486	1.0916 1.0325	1.0875	1.0388	Ave		1.0616			0.7000	2.4		20.0			
Anthracene	1.0924	1.0687	1.0964 1.0573	1.1254	1.0633	Ave		1.0839			0.7000	2.4		20.0			
Carbazole	0.9353	0.9187	0.9092 0.9124	0.9581	0.8924	Ave		0.9210			0.0100	2.5		20.0			
Di-n-butyl phthalate	1.0916	1.1037	1.0166 1.0698	1.0965	1.0301	Ave		1.0680			0.0100	3.4		20.0			
Fluoranthene	1.0639	1.0762	1.0371 1.0544	1.1113	1.0096	Ave		1.0588			0.6000	3.3		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.4127	0.3912	0.4062 0.3775	0.4339	0.4127	Ave		0.4057				4.8		20.0			
Pyrene	1.2607	1.1540	1.2987 1.1250	1.3074	1.2555	Ave		1.2336			0.6000	6.2		20.0			
Butyl benzyl phthalate	0.4889	0.4708	0.4420 0.4701	0.4801	0.4594	Ave		0.4685			0.0100	3.5		20.0			
2,3,7,8-TCDD	0.1219					Ave		0.1219						20.0			
Carbamazepine	0.4123	0.3995	0.2488 0.4459	0.2890	0.3504	Lin2	-0.963	0.4204			0.0100				0.9940		0.9900
3,3'-Dichlorobenzidine	0.4005	0.3740	0.3463 0.3987	0.3392	0.3671	Ave		0.3710			0.0100	6.9		20.0			
Benzo[a]anthracene	1.1073 1.0630	1.0819 1.0229	1.0371 1.0357	1.0820	1.0229	Ave		1.0566			0.8000	3.0		20.0			
Bis(2-ethylhexyl) phthalate	0.6794	0.6632	0.6089 0.6705	0.6479	0.6246	Ave		0.6491			0.0100	4.2		20.0			
Chrysene	0.9859	0.9360	1.0103 0.9438	0.9854	0.9162	Ave		0.9629			0.7000	3.8		20.0			
Di-n-octyl phthalate	1.1823	1.1130	1.0449 1.1271	1.1371	1.0809	Ave		1.1142			0.0100	4.3		20.0			
Benzo[b]fluoranthene	0.8580 1.0638	0.9359 1.0393	0.9893 1.0549	1.0594	1.0088	Ave		1.0012			0.7000	7.2		20.0			
Benzo[k]fluoranthene	0.8912 1.1139	1.0147 1.0578	1.1434 1.0752	1.1127	1.0664	Ave		1.0594			0.7000	7.4		20.0			
Benzo[a]pyrene	0.7595 1.0471	0.8659 1.0183	0.9887 1.0285	1.0083	0.9741	Ave		0.9613			0.7000	10.0		20.0			
Indeno[1,2,3-cd]pyrene	0.8178 1.1075	0.8832 1.1416	0.9579 1.1542	0.9851	1.0276	Lin2	-0.143	1.0699			0.5000				0.9950		0.9900
Dibenz(a,h)anthracene	0.7770 1.0955	0.8497 1.0965	0.9750 1.0961	1.0138	1.0205	Lin2	-0.156	1.0565			0.4000				0.9980		0.9900
Benzo[g,h,i]perylene	1.1413	1.1369	1.0220 1.1191	1.0609	1.0704	Ave		1.0918			0.5000	4.4		20.0			
2-Fluorophenol	1.2959	1.2832	1.2369 1.2347	1.2757	1.2609	Ave		1.2645				2.0		20.0			
Phenol-d5	1.5828	1.5669	1.5551 1.5314	1.5620	1.5358	Ave		1.5557				1.2		20.0			
Nitrobenzene-d5	0.3520 0.3893	0.3387 0.3896	0.3865 0.3816	0.3852	0.3779	Ave		0.3751				5.1		20.0			
2-Fluorobiphenyl	1.2205 1.3414	1.2297 1.3233	1.3579 1.2892	1.3469	1.3149	Ave		1.3030				4.0		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1926	0.1989	0.1842 0.1873	0.1906	0.1767	Ave		0.1884				4.0		20.0			
Terphenyl-d14	0.8334 0.9067	0.7889 0.8585	0.8886 0.8011	0.8943	0.8676	Ave		0.8549				5.1		20.0			

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.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232183/9	L1150821.D
Level 2	IC 460-232183/8	L1150820.D
Level 3	IC 460-232183/7	L1150819.D
Level 4	IC 460-232183/6	L1150818.D
Level 5	IC 460-232183/5	L1150817.D
Level 6	ICIS 460-232183/2	L1150814.D
Level 7	IC 460-232183/4	L1150816.D
Level 8	IC 460-232183/3	L1150815.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	75692	113502	8076 177282	17272	35435	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodimethylamine	DCB	Ave	116695	175077	11581 280077	23371	52182	50.0	80.0	5.00 120	10.0	20.0
Pyridine	DCB	Ave	196280	294690	19489 467791	40423	89167	50.0	80.0	5.00 120	10.0	20.0
Phenol	DCB	Ave	236382	349538	24718 559310	50556	107583	50.0	80.0	5.00 120	10.0	20.0
Aniline	DCB	Ave	283175	408030	30097 679473	60581	131520	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethyl)ether	DCB	Ave	2014 188009	4262 279743	20453 442405	39841	85426	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Chlorophenol	DCB	Ave	196936	292277	20419 461086	41282	89752	50.0	80.0	5.00 120	10.0	20.0
n-Decane	DCB	Ave	374209	563447	40259 869657	80641	173880	50.0	80.0	5.00 120	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	223162	332302	24096 524701	47298	103420	50.0	80.0	5.00 120	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	224299	337091	23847 527413	48015	103794	50.0	80.0	5.00 120	10.0	20.0
Benzyl alcohol	DCB	Ave	111534	164599	11522 258664	23182	50541	50.0	80.0	5.00 120	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	209715	315275	23017 496523	45055	96956	50.0	80.0	5.00 120	10.0	20.0
2-Methylphenol	DCB	Ave	165283	244890	17426 407250	35295	74836	50.0	80.0	5.00 120	10.0	20.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	462658	681700	51405 1073750	98472	211749	50.0	80.0	5.00 120	10.0	20.0
3 & 4 Methylphenol	DCB	Ave	181398	266763	19558 429268	38364	84438	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Methylphenol	DCB	Ave	180758	265552	19558 429268	38364	84438	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodi-n-propylamine	DCB	Ave	1504 139618	3004 210503	15276 335101	28193	62818	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Acetophenone	DCB	Ave	246218	364847	27162 574346	52506	112056	50.0	80.0	5.00 120	10.0	20.0
Hexachloroethane	DCB	Ave	889 88699	1928 132868	9525 208427	18697	40152	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
n,n'-Dimethylaniline	DCB	Ave	3362 288902	6041 417621	30977 690941	58415	135516	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Nitrobenzene	NPT	Ave	3075 280463	6252 419778	30424 680683	58102	128322	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Isophorone	NPT	Ave	316083	482000	34840 769741	67986	143981	50.0	80.0	5.00 120	10.0	20.0
2-Nitrophenol	NPT	Ave	98614	149762	10166 236903	20423	44322	50.0	80.0	5.00 120	10.0	20.0
2,4-Dimethylphenol	NPT	Ave	154298	230410	15908 367648	31621	69128	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethoxy)methane	NPT	Ave	205823	309196	22374 490046	42673	92959	50.0	80.0	5.00 120	10.0	20.0
2,4-Dichlorophenol	NPT	Ave	149727	221842	15794 357618	31173	67329	50.0	80.0	5.00 120	10.0	20.0
1,2,4-Trichlorobenzene	NPT	Ave	2017 180857	4046 266505	19365 420277	38355	81760	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Naphthalene	NPT	Ave	528757	777811	57836 1233095	112032	241855	50.0	80.0	5.00 120	10.0	20.0
4-Chloroaniline	NPT	Ave	211416	302849	22472 482608	43662	94990	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobutadiene	NPT	Ave	109542	2296 167094	11884 262010	23178	50508	50.0	1.00 80.0	5.00 120	10.0	20.0
Caprolactam	NPT	Ave	44351	67214	4261 116532	8405	18521	50.0	80.0	5.00 120	10.0	20.0
4-Chloro-3-methylphenol	NPT	Ave	135810	209050	14249 330645	27880	60064	50.0	80.0	5.00 120	10.0	20.0
2-Methylnaphthalene	NPT	Ave	347499	519749	38462 816671	75094	156991	50.0	80.0	5.00 120	10.0	20.0
1-Methylnaphthalene	NPT	Ave	321305	484051	36106 755503	69157	146074	50.0	80.0	5.00 120	10.0	20.0
Hexachlorocyclopentadiene	ANT	Ave	113768	182853	11366 293599	23327	51600	50.0	80.0	5.00 120	10.0	20.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	173622	262269	19701 411947	37131	77839	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	223516	320751	24466 529097	42808	98778	50.0	80.0	5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	105019	158256	11216 251722	22219	45819	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	111821	169655	11536 264022	22668	46176	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	416256	621022	46425 970146	89085	183580	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	314162	471885	34970 737971	67511	142240	50.0	80.0	5.00 120	10.0	20.0
Phenyl ether	ANT	Ave	221719	322100	24406 536208	44445	99421	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	125262	192183	13566 300974	25727	55056	50.0	80.0	5.00 120	10.0	20.0
1,3-Dimethylnaphthalene	ANT	Ave	258385	379648	29141 626024	51468	116866	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	319055	486775	35505 740745	68533	139523	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	107178	156082	11356 252922	20550	45706	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	79170	1559 121614	8619 187057	16740	33920	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	458494	703219	51484 1084128	100144	207332	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	Ave	79688	121741	8288 185799	16261	34280	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	271987	407358	29900 660546	53593	120532	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	295844	447785	34147 694822	64750	131205	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Ave	103426	168073	7780 258965	17364	39649	100	160	10.0 240	20.0	40.0
4-Nitrophenol	ANT	Ave	122611	199339	10197 302643	23465	48981	100	160	10.0 240	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	99877	1771 155077	10741 234130	21618	42274	50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenzofuran	ANT	Ave	436639	659608	48972 1021813	93429	191814	50.0	80.0	5.00 120	10.0	20.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	90999	143049	9259 216802	18171	38725	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	302254	473655	33823 702119	65725	129970	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	169343	255650	18741 384865	35855	73010	50.0	80.0	5.00 120	10.0	20.0
Fluorene	ANT	Ave	348862	529641	39265 799520	75141	152315	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Ave	73946	116810	7162 164464	14392	29416	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Ave	130773	207036	11719 308326	25103	51532	100	160	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	249449	362144	27376 560680	47813	105369	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	356047	545330	38364 830162	75069	152688	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	101116	156306	11114 240708	20858	42935	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	1293 106419	2327 164601	12120 245006	22473	44294	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	84747	111016	9511 165375	17456	35880	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Ave	134000	216965	12137 322939	26452	52881	100	160	10.0 240	20.0	40.0
Pentachloronitrobenzene	PHN	Ave	43484	67627	4243 106421	8663	18044	50.0	80.0	5.00 120	10.0	20.0
n-Octadecane	PHN	Ave	304395	477258	31281 715184	61447	125744	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	462164	718891	51779 1046128	99018	195112	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	471416	732639	52008 1071266	102476	199719	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	403633	629853	43131 924502	87242	167613	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	471071	756686	48221 1084002	99838	193470	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	459137	737831	49195 1068399	101193	189618	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	Ave	178114	268180	19268 382493	39512	77510	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	452965	731683	47739 1058739	100425	190037	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	175665	298492	16248 442426	36877	69535	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD	CRY	Ave	438					0.500				

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 22:05 Calibration End Date: 06/23/2014 00:57 Calibration ID: 40257

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Lin2	148121	253264	9144 419669	22196	53031	50.0	80.0	5.00 120	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Ave	143910	237145	12729 375216	26053	55566	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	4815 381910	8254 648567	38124 974760	83113	154833	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	244089	420479	22382 631016	49767	94534	50.0	80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	354230	593462	37137 888214	75690	138682	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	400032	693323	32702 1092001	76273	148657	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	2943 359941	6109 647399	30962 1022005	71065	138749	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	3057 376916	6623 658896	35784 1041695	74637	146664	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Ave	2605 354299	5652 634304	30943 996449	67637	133967	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Indeno[1,2,3-cd]pyrene	PRY	Lin2	2805 374744	5765 711123	29979 1118183	66081	141325	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenz(a,h)anthracene	PRY	Lin2	2665 370691	5546 683008	30516 1061923	68005	140349	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[g,h,i]perylene	PRY	Ave	386165	708183	31985 1084271	71163	147211	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	189620	284793	19202 432709	38490	86709	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	231592	347761	24143 536706	47129	105613	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	2326 205273	4149 311843	21944 481471	41950	92847	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	4460 381086	8072 579029	42147 881126	79279	169116	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2,4,6-Tribromophenol	ANT	Ave	54706	87041	5717 128023	11221	22728	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	3624 325759	6019 544281	32665 753952	68696	131320	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Report Date: 23-Jun-2014 09:17:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150814.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 22-Jun-2014 22:05:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-002
Misc. Info.: icis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:40 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:19:11

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.757	1.757	0.000	89	75692	50.0	49.4	
	2 N-Nitrosodimethylamine	74	1.998	1.998	0.000	66	116695	50.0	51.3	
	3 Pyridine	79	2.034	2.034	0.000	72	196280	50.0	51.0	
$	4 2-Fluorophenol	112	3.192	3.192	0.000	89	189620	50.0	51.2	
$	6 Phenol-d5	99	4.122	4.122	0.000	88	231592	50.0	50.9	
	7 Phenol	94	4.134	4.134	0.000	94	236382	50.0	50.4	
	8 Aniline	93	4.175	4.175	0.000	98	283175	50.0	50.2	
	9 Bis(2-chloroethyl)ether	93	4.239	4.239	0.000	88	188009	50.0	51.0	
	124 Benzonitrile	103	4.269	4.269	0.000	1	362036	NC	NC	
	10 2-Chlorophenol	128	4.298	4.298	0.000	91	196936	50.0	50.7	
	11 n-Decane	43	4.339	4.339	0.000	95	374209	50.0	49.9	
	12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	94	223162	50.0	50.0	
*	13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	117057	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.528	4.528	0.000	83	224299	50.0	50.0	
	15 Benzyl alcohol	108	4.639	4.639	0.000	88	111534	50.0	51.0	
	16 1,2-Dichlorobenzene	146	4.681	4.681	0.000	93	209715	50.0	49.7	
	17 2-Methylphenol	108	4.751	4.751	0.000	85	165283	50.0	50.0	
	18 2,2'-oxybis[1-chloropropan	45	4.781	4.781	0.000	89	462658	50.0	50.1	
	125 N-Methylaniline	106	4.904	4.904	0.000	74	269586	NC	NC	
	21 4-Methylphenol	108	4.910	4.910	0.000	82	180758	50.0	50.0	
	22 3 & 4 Methylphenol	108	4.910	4.910	0.000	87	181398	50.0	50.1	
	20 N-Nitrosodi-n-propylamine	70	4.916	4.916	0.000	83	139618	50.0	51.5	
	19 Acetophenone	105	4.916	4.916	0.000	81	246218	50.0	50.1	
	24 Hexachloroethane	117	5.022	5.022	0.000	91	88699	50.0	51.8	
$	25 Nitrobenzene-d5	82	5.069	5.069	0.000	95	205273	50.0	51.9	
	26 Nitrobenzene	77	5.092	5.092	0.000	81	280463	50.0	51.1	
	27 n,n'-Dimethylaniline	120	5.092	5.092	0.000	78	288902	50.0	51.3	
	28 Isophorone	82	5.328	5.328	0.000	97	316083	50.0	49.5	
	29 2-Nitrophenol	139	5.410	5.410	0.000	84	98614	50.0	50.6	
	30 2,4-Dimethylphenol	122	5.445	5.445	0.000	89	154298	50.0	50.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.551	5.551	0.000	94	205823	50.0	50.3	
33 2,4-Dichlorophenol	162	5.645	5.645	0.000	92	149727	50.0	50.6	
34 1,2,4-Trichlorobenzene	180	5.733	5.733	0.000	90	180857	50.0	51.4	
* 35 Naphthalene-d8	136	5.798	5.798	0.000	99	421827	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	97	528757	50.0	50.3	
37 4-Chloroaniline	127	5.869	5.869	0.000	94	211416	50.0	51.3	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	94	109542	50.0	50.5	
39 Caprolactam	113	6.216	6.216	0.000	85	44351	50.0	51.7	M
40 4-Chloro-3-methylphenol	107	6.357	6.357	0.000	93	135810	50.0	50.4	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	83	347499	50.0	49.9	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	91	321305	50.0	49.7	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	94	113768	50.0	49.8	
44 1,2,4,5-Tetrachlorobenzene	216	6.680	6.680	0.000	98	173622	50.0	49.8	
45 2-tertbutyl-4-methylphenol	149	6.704	6.704	0.000	88	223516	50.0	51.5	
46 2,4,6-Trichlorophenol	196	6.792	6.792	0.000	90	105019	50.0	50.5	
47 2,4,5-Trichlorophenol	196	6.828	6.828	0.000	94	111821	50.0	51.7	
$ 48 2-Fluorobiphenyl	172	6.880	6.880	0.000	98	381086	50.0	51.5	
49 1,1'-Biphenyl	154	6.980	6.980	0.000	96	416256	50.0	50.3	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	95	314162	50.0	49.9	
53 Phenyl ether	170	7.086	7.086	0.000	89	221719	50.0	50.7	
54 2-Nitroaniline	65	7.098	7.098	0.000	91	125262	50.0	50.4	
55 1,3-Dimethylnaphthalene	156	7.216	7.216	0.000	92	258385	50.0	50.4	
56 Dimethyl phthalate	163	7.286	7.286	0.000	98	319055	50.0	50.2	
57 Coumarin	146	7.310	7.310	0.000	75	107178	50.0	52.0	
58 2,6-Dinitrotoluene	165	7.345	7.345	0.000	92	79170	50.0	51.5	
59 Acenaphthylene	152	7.416	7.416	0.000	97	458494	50.0	49.5	
60 3-Nitroaniline	138	7.510	7.510	0.000	91	79688	50.0	51.3	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	227277	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.569	7.569	0.000	95	271987	50.0	50.7	
62 Acenaphthene	154	7.586	7.586	0.000	93	295844	50.0	49.6	
64 2,4-Dinitrophenol	184	7.610	7.610	0.000	91	103426	100.0	110.3	
65 4-Nitrophenol	65	7.669	7.669	0.000	90	122611	100.0	106.2	
67 2,4-Dinitrotoluene	165	7.739	7.739	0.000	91	99877	50.0	52.1	
66 Dibenzofuran	168	7.757	7.757	0.000	89	436639	50.0	50.1	
68 2,3,4,6-Tetrachlorophenol	232	7.875	7.875	0.000	96	90999	50.0	51.3	
69 Diethyl phthalate	149	7.986	7.986	0.000	97	302254	50.0	49.9	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	82	169343	50.0	50.7	
70 Fluorene	166	8.098	8.098	0.000	83	348862	50.0	50.2	
72 4-Nitroaniline	138	8.116	8.116	0.000	95	73946	50.0	53.1	
73 4,6-Dinitro-2-methylphenol	198	8.145	8.145	0.000	82	130773	100.0	106.5	
74 N-Nitrosodiphenylamine	169	8.210	8.210	0.000	69	249449	50.0	52.2	
75 1,2-Diphenylhydrazine	77	8.251	8.251	0.000	98	356047	50.0	50.7	
$ 76 2,4,6-Tribromophenol	330	8.333	8.333	0.000	96	54706	50.0	51.1	
77 4-Bromophenyl phenyl ether	248	8.580	8.580	0.000	94	101116	50.0	50.5	
78 Hexachlorobenzene	284	8.633	8.633	0.000	97	106419	50.0	51.1	
79 Atrazine	200	8.739	8.739	0.000	88	84747	50.0	53.3	
121 Pentachlorophenol	266	8.827	8.827	0.000	90	134000	100.0	105.0	
81 Pentachloronitrobenzene	237	8.845	8.845	0.000	89	43484	50.0	51.7	
82 n-Octadecane	57	8.904	8.904	0.000	93	304395	50.0	51.5	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	345244	40.0	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	97	462164	50.0	50.4	
85 Anthracene	178	9.098	9.098	0.000	98	471416	50.0	50.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.251	9.251	0.000	82	403633	50.0	50.8	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	99	471071	50.0	51.1	
88 Fluoranthene	202	10.216	10.216	0.000	98	459137	50.0	50.2	
122 Benzidine	184	10.351	10.351	0.000	99	178114	50.0	50.9	
90 Pyrene	202	10.451	10.451	0.000	97	452965	50.0	51.1	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	99	325759	50.0	53.0	
92 Butyl benzyl phthalate	149	11.163	11.163	0.000	98	175665	50.0	52.2	
108 2,3,7,8-TCDD	320	11.263	11.263	0.000	1	438	0.5000	0.5000	
93 Carbamazepine	193	11.286	11.286	0.000	90	148121	50.0	51.3	
94 3,3'-Dichlorobenzidine	252	11.810	11.810	0.000	99	143910	50.0	54.0	
95 Benzo[a]anthracene	228	11.839	11.839	0.000	99	381910	50.0	50.3	
* 96 Chrysene-d12	240	11.857	11.857	0.000	98	287433	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	89	244089	50.0	52.3	
97 Chrysene	228	11.886	11.886	0.000	96	354230	50.0	51.2	
99 Di-n-octyl phthalate	149	12.780	12.780	0.000	94	400032	50.0	53.1	
100 Benzo[b]fluoranthene	252	13.298	13.298	0.000	98	359941	50.0	53.1	
101 Benzo[k]fluoranthene	252	13.339	13.339	0.000	99	376916	50.0	52.6	
102 Benzo[a]pyrene	252	13.757	13.757	0.000	97	354299	50.0	54.5	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	270690	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.321	15.321	0.000	99	374744	50.0	51.9	
105 Dibenz(a,h)anthracene	278	15.356	15.356	0.000	97	370691	50.0	52.0	
106 Benzo[g,h,i]perylene	276	15.703	15.703	0.000	92	386165	50.0	52.3	
S 119 Total Cresols	1				0			100.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

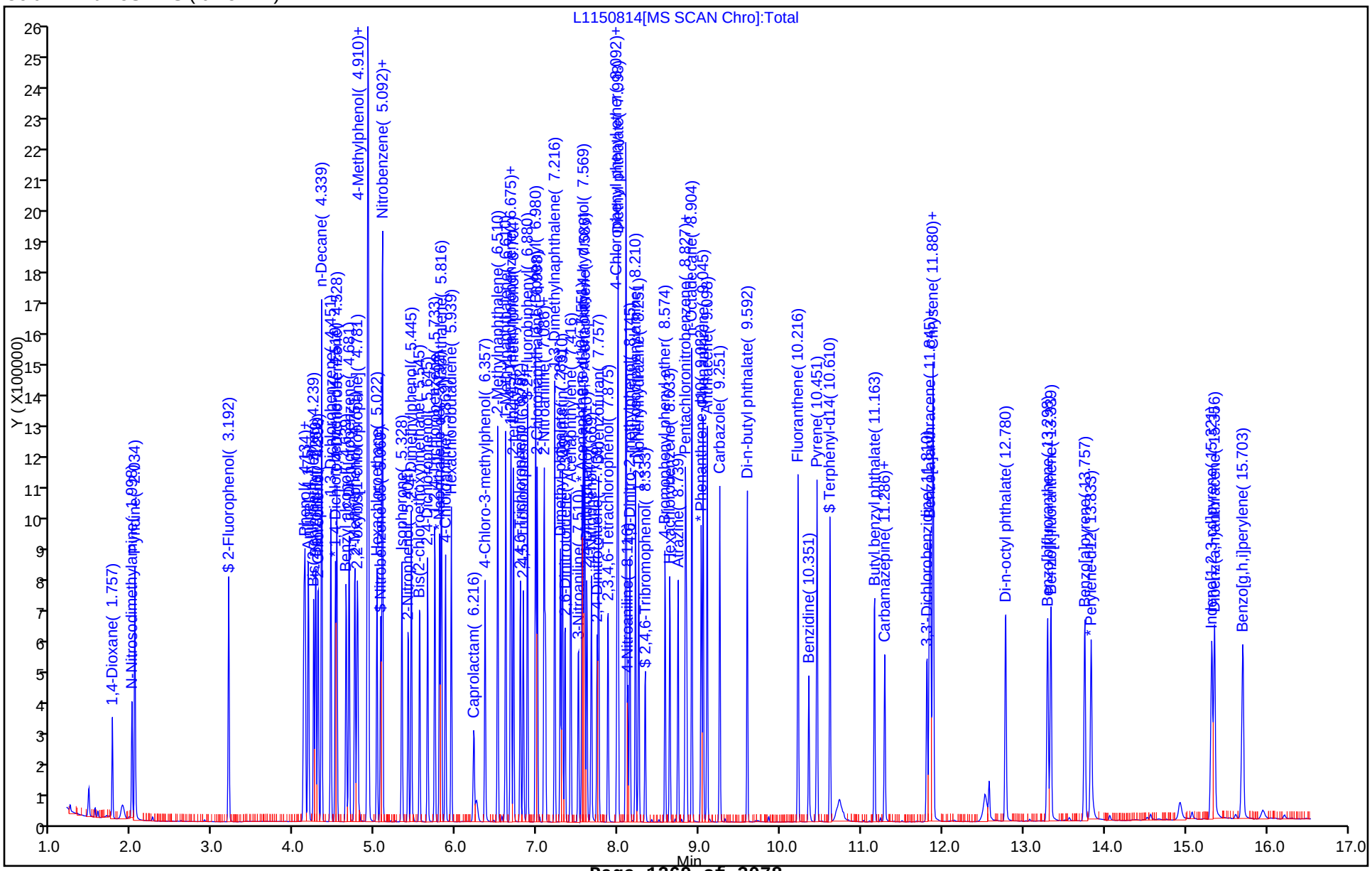
Report Date: 23-Jun-2014 09:17:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150814.D

Injection Date:	22-Jun-2014 22:05:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

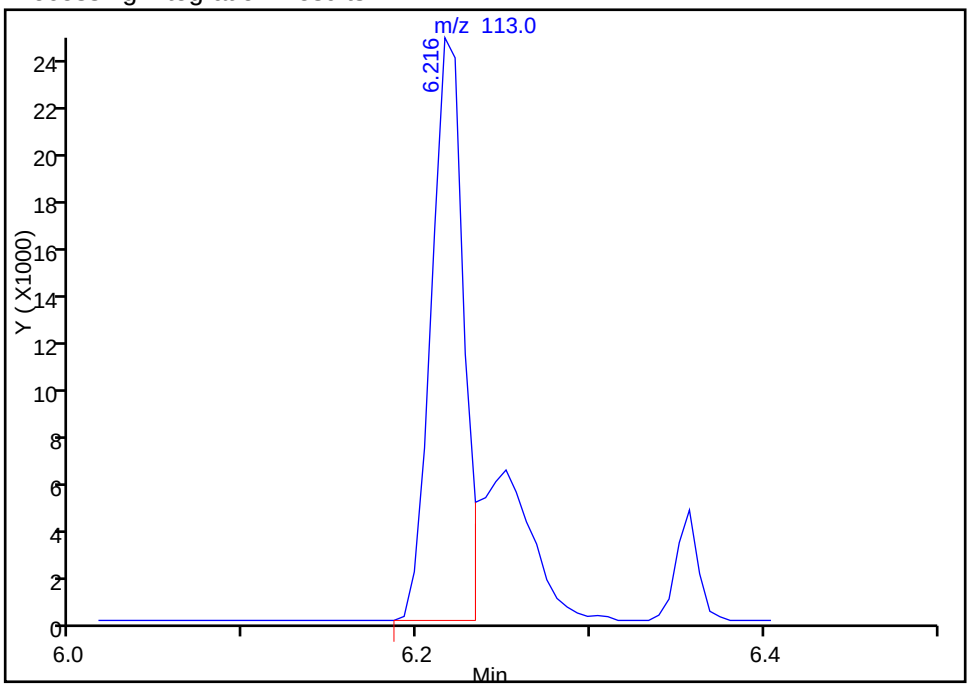
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150814.D
Injection Date: 22-Jun-2014 22:05:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: BNA 12 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Caprolactam, CAS: 105-60-2

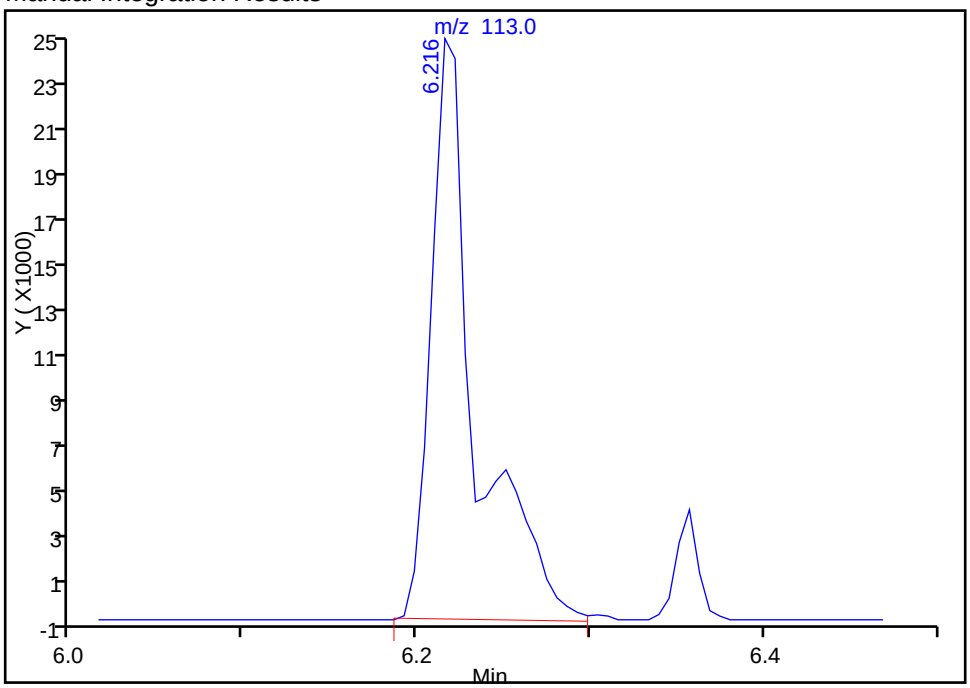
Processing Integration Results

RT: 6.22
Response: 32292
Amount: 53.693552



Manual Integration Results

RT: 6.22
Response: 44351
Amount: 51.703330



Reviewer: asfawa, 23-Jun-2014 00:19:11
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 23-Jun-2014 09:17:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150815.D
Lims ID: std120
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-Jun-2014 22:30:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-003
Misc. Info.: std120
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:44 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:20:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.757	1.757	0.000	89	177282	120.0	115.9	
	2 N-Nitrosodimethylamine	74	2.010	1.998	0.012	67	280077	120.0	123.3	
	3 Pyridine	79	2.040	2.034	0.006	72	467791	120.0	121.7	
$	4 2-Fluorophenol	112	3.199	3.192	0.007	88	432709	120.0	117.2	
$	6 Phenol-d5	99	4.140	4.122	0.018	92	536706	120.0	118.1	
	7 Phenol	94	4.151	4.134	0.017	95	559310	120.0	119.5	
	8 Aniline	93	4.187	4.175	0.012	98	679473	120.0	120.6	
	9 Bis(2-chloroethyl)ether	93	4.251	4.239	0.012	87	442405	120.0	120.3	
	124 Benzonitrile	103	4.281	4.269	0.012	24	881489	NC	NC	
	10 2-Chlorophenol	128	4.304	4.298	0.006	88	461086	120.0	118.9	
	11 n-Decane	43	4.346	4.339	0.007	95	869657	120.0	116.2	
	12 1,3-Dichlorobenzene	146	4.457	4.451	0.006	93	524701	120.0	117.9	
*	13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	116822	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.534	4.528	0.006	92	527413	120.0	117.9	
	15 Benzyl alcohol	108	4.651	4.639	0.012	87	258664	120.0	118.4	
	16 1,2-Dichlorobenzene	146	4.681	4.681	0.000	89	496523	120.0	117.8	
	17 2-Methylphenol	108	4.757	4.751	0.006	84	407250	120.0	123.5	
	18 2,2'-oxybis[1-chloropropan	45	4.787	4.781	0.006	89	1073750	120.0	116.4	
	21 4-Methylphenol	108	4.928	4.910	0.018	74	429268	120.0	118.9	
	22 3 & 4 Methylphenol	108	4.928	4.910	0.018	78	429268	120.0	118.8	
	20 N-Nitrosodi-n-propylamine	70	4.928	4.916	0.012	94	335101	120.0	123.8	
	19 Acetophenone	105	4.928	4.916	0.012	83	574346	120.0	117.0	
	24 Hexachloroethane	117	5.022	5.022	0.000	92	208427	120.0	121.9	
$	25 Nitrobenzene-d5	82	5.081	5.069	0.012	95	481471	120.0	122.1	
	26 Nitrobenzene	77	5.104	5.092	0.012	85	680683	120.0	124.4	
	27 n,n'-Dimethylaniline	120	5.098	5.092	0.006	84	690941	120.0	123.0	
	28 Isophorone	82	5.345	5.328	0.017	97	769741	120.0	120.8	
	29 2-Nitrophenol	139	5.416	5.410	0.006	83	236903	120.0	121.9	
	30 2,4-Dimethylphenol	122	5.457	5.445	0.012	88	367648	120.0	121.7	
	31 Bis(2-chloroethoxy)methane	93	5.557	5.551	0.006	93	490046	120.0	120.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.657	5.645	0.012	92	357618	120.0	121.3	
34 1,2,4-Trichlorobenzene	180	5.740	5.733	0.007	93	420277	120.0	119.7	
* 35 Naphthalene-d8	136	5.798	5.798	0.000	99	420559	40.0	40.0	
36 Naphthalene	128	5.822	5.816	0.006	98	1233095	120.0	117.6	
37 4-Chloroaniline	127	5.875	5.869	0.006	94	482608	120.0	117.4	
38 Hexachlorobutadiene	225	5.945	5.939	0.006	95	262010	120.0	121.2	
39 Caprolactam	113	6.257	6.216	0.041	86	116532	120.0	136.3	M
40 4-Chloro-3-methylphenol	107	6.369	6.357	0.012	93	330645	120.0	123.1	
41 2-Methylnaphthalene	142	6.516	6.510	0.006	83	816671	120.0	117.6	
42 1-Methylnaphthalene	142	6.616	6.610	0.006	91	755503	120.0	117.2	
43 Hexachlorocyclopentadiene	237	6.675	6.669	0.006	89	293599	120.0	128.2	
44 1,2,4,5-Tetrachlorobenzene	216	6.687	6.680	0.007	98	411947	120.0	117.8	
45 2-tertbutyl-4-methylphenol	149	6.716	6.704	0.012	89	529097	120.0	122.2	
46 2,4,6-Trichlorophenol	196	6.798	6.792	0.006	89	251722	120.0	120.8	
47 2,4,5-Trichlorophenol	196	6.834	6.828	0.006	94	264022	120.0	121.8	
$ 48 2-Fluorobiphenyl	172	6.887	6.880	0.007	98	881126	120.0	118.7	
49 1,1'-Biphenyl	154	6.987	6.980	0.007	96	970146	120.0	116.9	
50 2-Chloronaphthalene	162	7.004	6.998	0.006	96	737971	120.0	117.0	
53 Phenyl ether	170	7.087	7.086	0.001	88	536208	120.0	122.4	
54 2-Nitroaniline	65	7.110	7.098	0.012	94	300974	120.0	120.9	
55 1,3-Dimethylnaphthalene	156	7.222	7.216	0.006	92	626024	120.0	121.8	
56 Dimethyl phthalate	163	7.298	7.286	0.012	98	740745	120.0	116.2	
57 Coumarin	146	7.322	7.310	0.012	70	252922	120.0	123.0	
58 2,6-Dinitrotoluene	165	7.351	7.345	0.006	91	187057	120.0	121.4	
59 Acenaphthylene	152	7.422	7.416	0.006	96	1084128	120.0	116.8	
60 3-Nitroaniline	138	7.522	7.510	0.012	91	185799	120.0	119.3	
* 61 Acenaphthene-d10	164	7.557	7.551	0.006	88	227828	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.575	7.569	0.006	95	660546	120.0	122.8	
62 Acenaphthene	154	7.592	7.586	0.006	94	694822	120.0	116.1	
64 2,4-Dinitrophenol	184	7.628	7.610	0.018	92	258965	240.0	275.4	
65 4-Nitrophenol	65	7.686	7.669	0.017	91	302643	240.0	261.5	
67 2,4-Dinitrotoluene	165	7.751	7.739	0.012	91	234130	120.0	121.9	
66 Dibenzofuran	168	7.763	7.757	0.006	92	1021813	120.0	117.1	
68 2,3,4,6-Tetrachlorophenol	232	7.881	7.875	0.006	95	216802	120.0	122.0	
69 Diethyl phthalate	149	7.992	7.986	0.006	96	702119	120.0	115.7	
71 4-Chlorophenyl phenyl ethe	204	8.098	8.092	0.006	81	384865	120.0	115.0	
70 Fluorene	166	8.104	8.098	0.006	84	799520	120.0	114.8	
72 4-Nitroaniline	138	8.139	8.116	0.023	94	164464	120.0	117.7	
73 4,6-Dinitro-2-methylphenol	198	8.157	8.145	0.012	79	308326	240.0	256.8	
74 N-Nitrosodiphenylamine	169	8.222	8.210	0.012	69	560680	120.0	119.9	
75 1,2-Diphenylhydrazine	77	8.257	8.251	0.006	99	830162	120.0	120.7	
$ 76 2,4,6-Tribromophenol	330	8.339	8.333	0.006	96	128023	120.0	119.3	
77 4-Bromophenyl phenyl ether	248	8.581	8.580	0.001	88	240708	120.0	122.9	
78 Hexachlorobenzene	284	8.639	8.633	0.006	97	245006	120.0	120.2	
79 Atrazine	200	8.745	8.739	0.006	86	165375	120.0	106.4	
121 Pentachlorophenol	266	8.839	8.827	0.012	88	322939	240.0	258.8	
81 Pentachloronitrobenzene	237	8.845	8.845	0.000	84	106421	120.0	129.2	
82 n-Octadecane	57	8.910	8.904	0.006	93	715184	120.0	123.6	
* 83 Phenanthrene-d10	188	9.028	9.022	0.006	99	337747	40.0	40.0	
84 Phenanthrene	178	9.051	9.045	0.006	98	1046128	120.0	116.7	
85 Anthracene	178	9.104	9.098	0.006	97	1071266	120.0	117.1	
86 Carbazole	167	9.257	9.251	0.006	82	924502	120.0	118.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.598	9.592	0.006	100	1084002	120.0	120.2	
88 Fluoranthene	202	10.222	10.216	0.006	98	1068399	120.0	119.5	
122 Benzidine	184	10.357	10.351	0.006	99	382493	120.0	111.7	
90 Pyrene	202	10.457	10.451	0.006	97	1058739	120.0	109.4	
$ 91 Terphenyl-d14	244	10.616	10.610	0.006	99	753952	120.0	112.5	
92 Butyl benzyl phthalate	149	11.169	11.163	0.006	98	442426	120.0	120.4	
93 Carbamazepine	193	11.298	11.286	0.012	90	419669	120.0	129.6	
94 3,3'-Dichlorobenzidine	252	11.816	11.810	0.006	99	375216	120.0	129.0	
95 Benzo[a]anthracene	228	11.845	11.839	0.006	99	974760	120.0	117.6	
* 96 Chrysene-d12	240	11.863	11.857	0.006	89	313711	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.886	11.880	0.006	88	631016	120.0	124.0	
97 Chrysene	228	11.898	11.886	0.012	96	888214	120.0	117.6	
99 Di-n-octyl phthalate	149	12.780	12.780	0.000	95	1092001	120.0	121.4	
100 Benzo[b]fluoranthene	252	13.310	13.298	0.012	98	1022005	120.0	126.4	
101 Benzo[k]fluoranthene	252	13.351	13.339	0.012	99	1041695	120.0	121.8	
102 Benzo[a]pyrene	252	13.768	13.757	0.012	96	996449	120.0	128.4	
* 103 Perylene-d12	264	13.839	13.833	0.006	98	322945	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.345	15.321	0.024	99	1118183	120.0	129.6	
105 Dibenz(a,h)anthracene	278	15.380	15.356	0.024	97	1061923	120.0	124.6	
106 Benzo[g,h,i]perylene	276	15.733	15.703	0.030	95	1084271	120.0	123.0	
S 119 Total Cresols	1				0			242.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

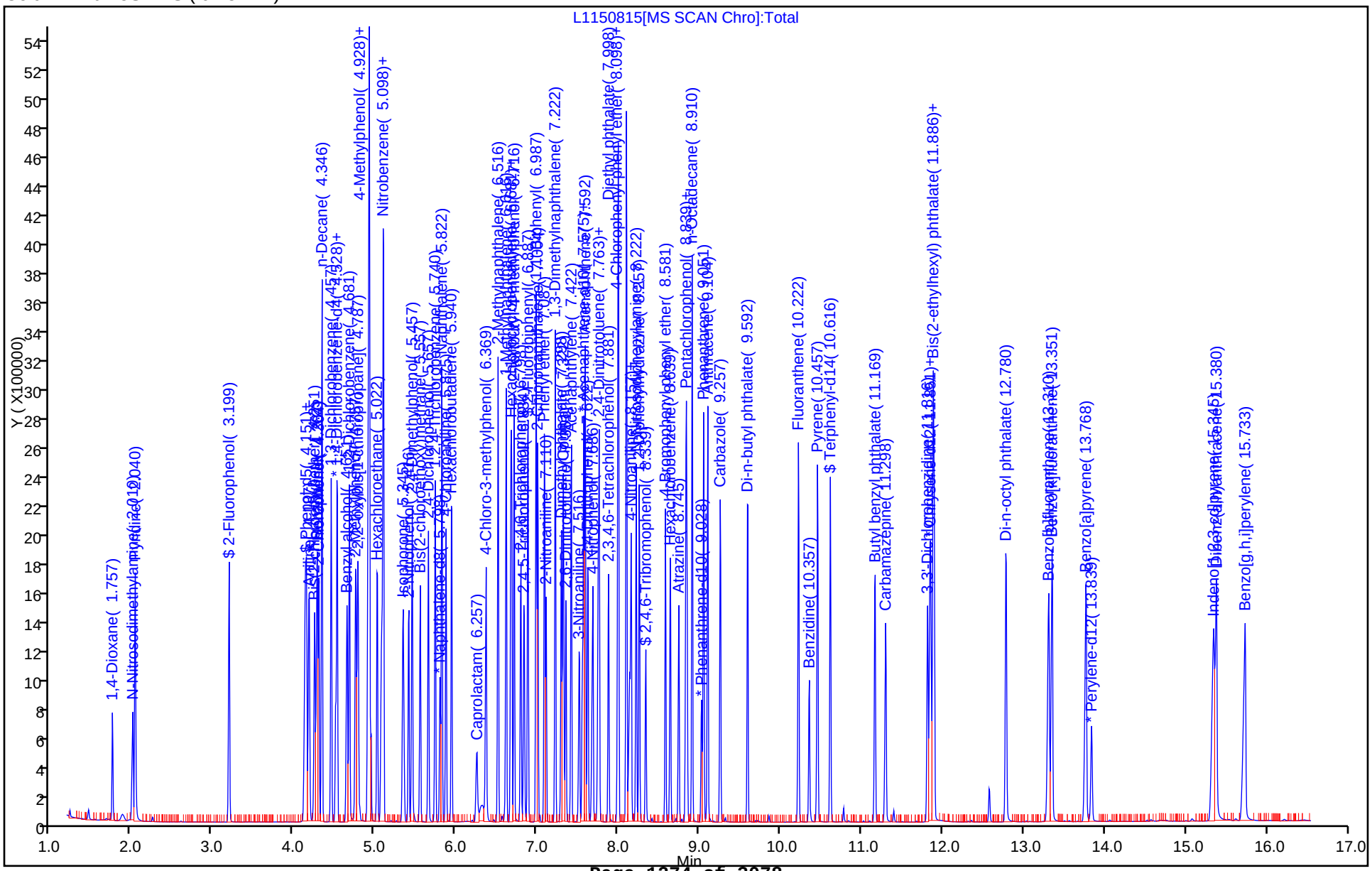
Report Date: 23-Jun-2014 09:17:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150815.D

Injection Date:	22-Jun-2014 22:30:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

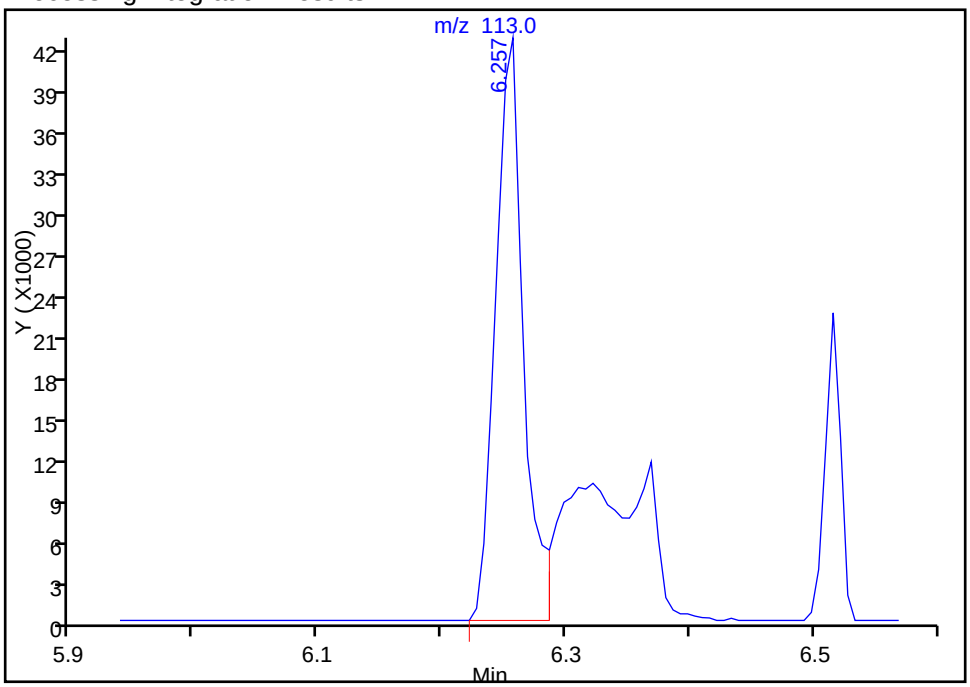
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150815.D
Injection Date: 22-Jun-2014 22:30:30 Instrument ID: CBNAMS12
Lims ID: std120
Client ID:
Operator ID: BNA 12 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Caprolactam, CAS: 105-60-2

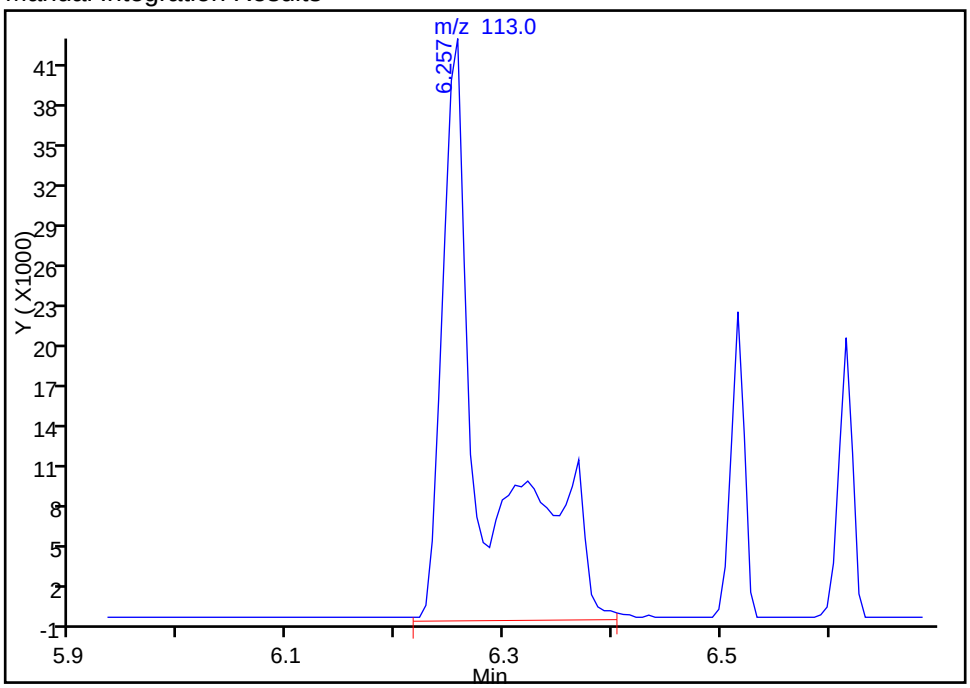
Processing Integration Results

RT: 6.26
Response: 66616
Amount: 92.585888



Manual Integration Results

RT: 6.26
Response: 116532
Amount: 136.2598



Reviewer: asfawa, 23-Jun-2014 00:20:27
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 23-Jun-2014 09:17:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150816.D
Lims ID: std80
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-Jun-2014 22:54:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-004
Misc. Info.: std/0
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:46 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:21:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.757	1.757	0.000	90	113502	80.0	78.1	
2 N-Nitrosodimethylamine	74	2.004	1.998	0.006	66	175077	80.0	81.2	
3 Pyridine	79	2.034	2.034	0.000	72	294690	80.0	80.7	
$ 4 2-Fluorophenol	112	3.193	3.192	0.001	88	284793	80.0	81.2	
$ 6 Phenol-d5	99	4.128	4.122	0.006	90	347761	80.0	80.6	
7 Phenol	94	4.145	4.134	0.011	96	349538	80.0	78.6	
8 Aniline	93	4.181	4.175	0.006	98	408030	80.0	76.3	
9 Bis(2-chloroethyl)ether	93	4.245	4.239	0.006	88	279743	80.0	80.1	
124 Benzonitrile	103	4.275	4.269	0.006	8	523640	NC	NC	
10 2-Chlorophenol	128	4.298	4.298	0.000	87	292277	80.0	79.3	
11 n-Decane	43	4.340	4.339	0.001	95	563447	80.0	79.3	
12 1,3-Dichlorobenzene	146	4.457	4.451	0.006	94	332302	80.0	78.6	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	110972	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.528	4.528	0.000	91	337091	80.0	79.3	
15 Benzyl alcohol	108	4.645	4.639	0.006	88	164599	80.0	79.3	
16 1,2-Dichlorobenzene	146	4.681	4.681	0.000	93	315275	80.0	78.8	
17 2-Methylphenol	108	4.751	4.751	0.000	84	244890	80.0	78.2	
18 2,2'-oxybis[1-chloropropan	45	4.787	4.781	0.006	90	681700	80.0	77.8	
125 N-Methylaniline	106	4.910	4.904	0.006	76	384775	NC	NC	
21 4-Methylphenol	108	4.916	4.910	0.006	82	265552	80.0	77.4	
22 3 & 4 Methylphenol	108	4.916	4.910	0.006	88	266763	80.0	77.7	
20 N-Nitrosodi-n-propylamine	70	4.922	4.916	0.006	76	210503	80.0	81.8	
19 Acetophenone	105	4.922	4.916	0.006	84	364847	80.0	78.2	
24 Hexachloroethane	117	5.022	5.022	0.000	93	132868	80.0	81.8	
$ 25 Nitrobenzene-d5	82	5.075	5.069	0.006	95	311843	80.0	83.1	
26 Nitrobenzene	77	5.092	5.092	0.000	79	419778	80.0	80.6	
27 n,n'-Dimethylaniline	120	5.092	5.092	0.000	82	417621	80.0	78.2	
28 Isophorone	82	5.334	5.328	0.006	97	482000	80.0	79.5	
29 2-Nitrophenol	139	5.410	5.410	0.000	82	149762	80.0	81.0	
30 2,4-Dimethylphenol	122	5.451	5.445	0.006	89	230410	80.0	80.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.551	5.551	0.000	93	309196	80.0	79.6	
33 2,4-Dichlorophenol	162	5.651	5.645	0.006	92	221842	80.0	79.0	
34 1,2,4-Trichlorobenzene	180	5.739	5.733	0.006	93	266505	80.0	79.8	
* 35 Naphthalene-d8	136	5.798	5.798	0.000	99	400225	40.0	40.0	
36 Naphthalene	128	5.822	5.816	0.006	97	777811	80.0	78.0	
37 4-Chloroaniline	127	5.869	5.869	0.000	94	302849	80.0	77.4	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	93	167094	80.0	81.2	
39 Caprolactam	113	6.234	6.216	0.018	85	67214	80.0	82.6	M
40 4-Chloro-3-methylphenol	107	6.363	6.357	0.006	93	209050	80.0	81.8	
41 2-Methylnaphthalene	142	6.516	6.510	0.006	83	519749	80.0	78.7	
42 1-Methylnaphthalene	142	6.616	6.610	0.006	91	484051	80.0	78.9	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	89	182853	80.0	83.2	
44 1,2,4,5-Tetrachlorobenzene	216	6.681	6.680	0.001	97	262269	80.0	78.1	
45 2-tertbutyl-4-methylphenol	149	6.710	6.704	0.006	88	320751	80.0	77.9	
46 2,4,6-Trichlorophenol	196	6.792	6.792	0.000	88	158256	80.0	79.1	
47 2,4,5-Trichlorophenol	196	6.833	6.828	0.005	94	169655	80.0	81.5	
$ 48 2-Fluorobiphenyl	172	6.881	6.880	0.001	97	579029	80.0	81.2	
49 1,1'-Biphenyl	154	6.981	6.980	0.001	96	621022	80.0	77.9	
50 2-Chloronaphthalene	162	7.004	6.998	0.006	97	471885	80.0	77.9	
53 Phenyl ether	170	7.086	7.086	0.000	87	322100	80.0	76.6	
54 2-Nitroaniline	65	7.104	7.098	0.006	94	192183	80.0	80.4	
55 1,3-Dimethylnaphthalene	156	7.216	7.216	0.000	92	379648	80.0	76.9	
56 Dimethyl phthalate	163	7.292	7.286	0.006	99	486775	80.0	79.6	
57 Coumarin	146	7.316	7.310	0.006	75	156082	80.0	79.8	
58 2,6-Dinitrotoluene	165	7.345	7.345	0.000	92	121614	80.0	82.2	
59 Acenaphthylene	152	7.416	7.416	0.000	96	703219	80.0	78.9	
60 3-Nitroaniline	138	7.516	7.510	0.006	92	121741	80.0	81.4	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	218778	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.569	7.569	0.000	98	407358	80.0	78.9	
62 Acenaphthene	154	7.586	7.586	0.000	94	447785	80.0	78.0	
64 2,4-Dinitrophenol	184	7.616	7.610	0.006	92	168073	160.0	186.1	
65 4-Nitrophenol	65	7.675	7.669	0.006	92	199339	160.0	179.4	
67 2,4-Dinitrotoluene	165	7.745	7.739	0.006	92	155077	80.0	84.1	
66 Dibenzofuran	168	7.757	7.757	0.000	92	659608	80.0	78.7	
68 2,3,4,6-Tetrachlorophenol	232	7.875	7.875	0.000	94	143049	80.0	83.8	
69 Diethyl phthalate	149	7.986	7.986	0.000	97	473655	80.0	81.3	
71 4-Chlorophenyl phenyl ethe	204	8.098	8.092	0.006	72	255650	80.0	79.6	
70 Fluorene	166	8.098	8.098	0.000	83	529641	80.0	79.2	
72 4-Nitroaniline	138	8.128	8.116	0.012	94	116810	80.0	87.1	
73 4,6-Dinitro-2-methylphenol	198	8.151	8.145	0.006	79	207036	160.0	169.9	
74 N-Nitrosodiphenylamine	169	8.216	8.210	0.006	69	362144	80.0	76.3	
75 1,2-Diphenylhydrazine	77	8.257	8.251	0.006	99	545330	80.0	78.1	
$ 76 2,4,6-Tribromophenol	330	8.333	8.333	0.000	96	87041	80.0	84.5	
77 4-Bromophenyl phenyl ether	248	8.580	8.580	0.000	91	156306	80.0	78.6	
78 Hexachlorobenzene	284	8.639	8.633	0.006	96	164601	80.0	79.6	
79 Atrazine	200	8.739	8.739	0.000	86	111016	80.0	70.4	
121 Pentachlorophenol	266	8.833	8.827	0.006	88	216965	160.0	171.3	
81 Pentachloronitrobenzene	237	8.845	8.845	0.000	87	67627	80.0	80.9	
82 n-Octadecane	57	8.910	8.904	0.006	93	477258	80.0	81.3	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	342786	40.0	40.0	
84 Phenanthrene	178	9.051	9.045	0.006	97	718891	80.0	79.0	
85 Anthracene	178	9.098	9.098	0.000	97	732639	80.0	78.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.257	9.251	0.006	82	629853	80.0	79.8	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	99	756686	80.0	82.7	
88 Fluoranthene	202	10.222	10.216	0.006	98	737831	80.0	81.3	
122 Benzidine	184	10.351	10.351	0.000	99	268180	80.0	77.1	
90 Pyrene	202	10.457	10.451	0.006	97	731683	80.0	74.8	
$ 91 Terphenyl-d14	244	10.616	10.610	0.006	99	544281	80.0	80.3	
92 Butyl benzyl phthalate	149	11.163	11.163	0.000	98	298492	80.0	80.4	
93 Carbamazepine	193	11.292	11.286	0.006	91	253264	80.0	78.3	
94 3,3'-Dichlorobenzidine	252	11.810	11.810	0.000	100	237145	80.0	80.7	
95 Benzo[a]anthracene	228	11.845	11.839	0.006	98	648567	80.0	77.5	
* 96 Chrysene-d12	240	11.857	11.857	0.000	97	317013	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	87	420479	80.0	81.7	
97 Chrysene	228	11.892	11.886	0.006	96	593462	80.0	77.8	
99 Di-n-octyl phthalate	149	12.780	12.780	0.000	96	693323	80.0	79.9	
100 Benzo[b]fluoranthene	252	13.304	13.298	0.006	98	647399	80.0	83.0	
101 Benzo[k]fluoranthene	252	13.345	13.339	0.006	99	658896	80.0	79.9	
102 Benzo[a]pyrene	252	13.762	13.757	0.006	96	634304	80.0	84.7	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	311456	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.333	15.321	0.012	99	711123	80.0	85.5	
105 Dibenz(a,h)anthracene	278	15.368	15.356	0.012	97	683008	80.0	83.2	
106 Benzo[g,h,i]perylene	276	15.721	15.703	0.018	92	708183	80.0	83.3	
S 119 Total Cresols	1				0			155.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

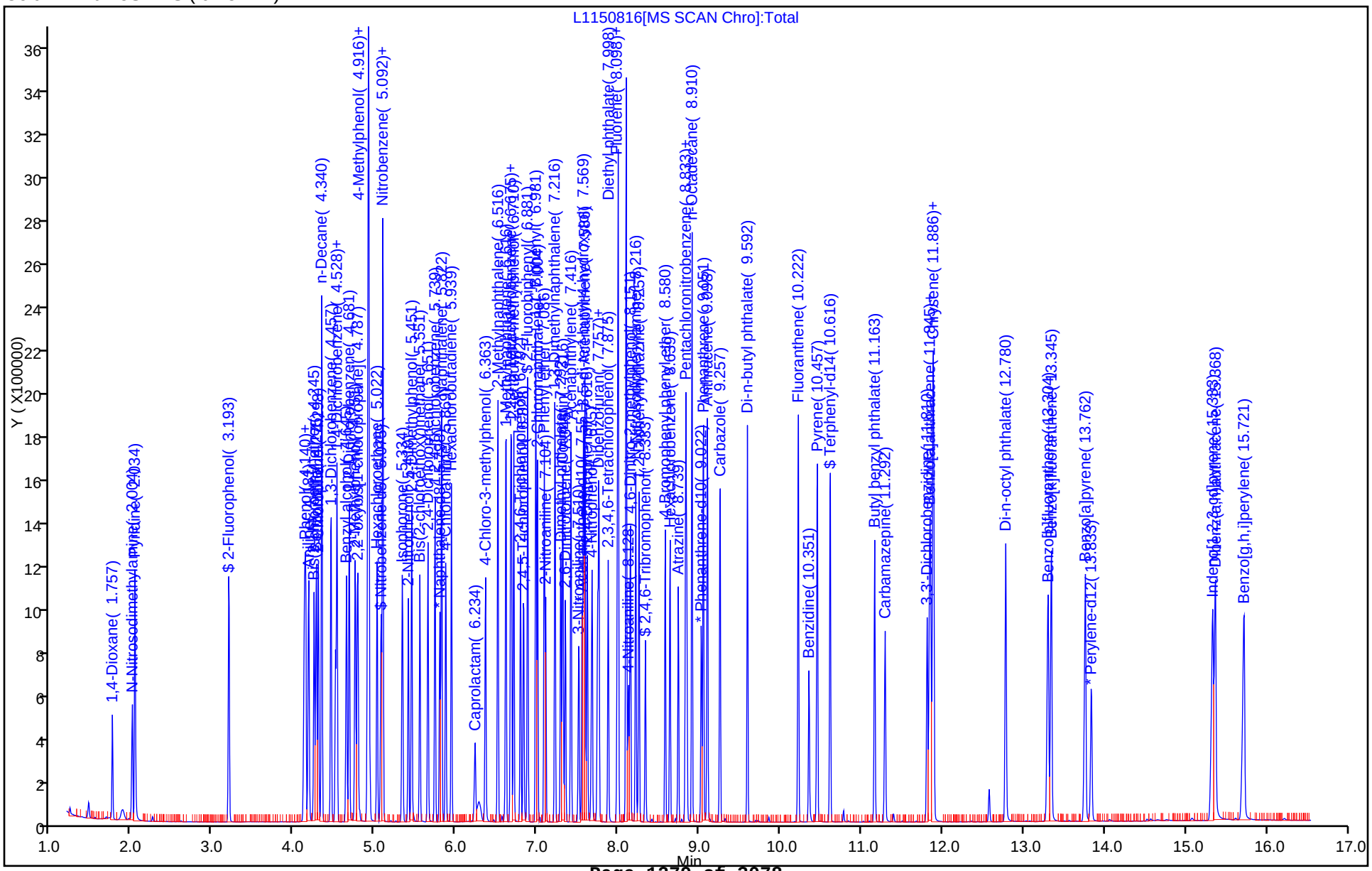
Report Date: 23-Jun-2014 09:17:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150816.D

Injection Date:	22-Jun-2014 22:54:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

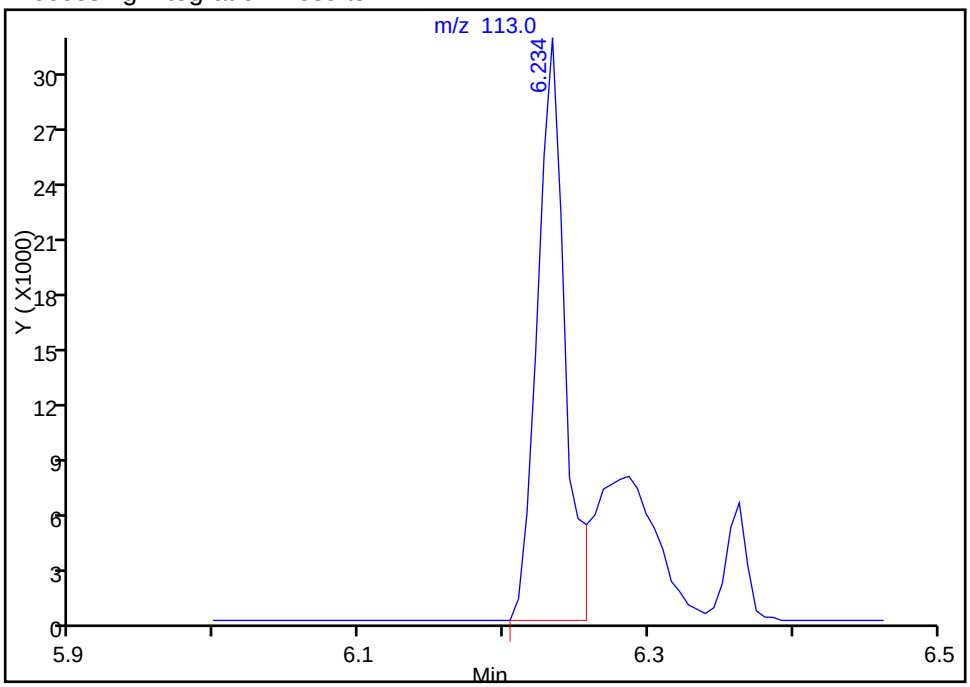
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150816.D				
Injection Date:	22-Jun-2014 22:54:30	Instrument ID:	CBNAMS12		
Lims ID:	std80				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Caprolactam, CAS: 105-60-2

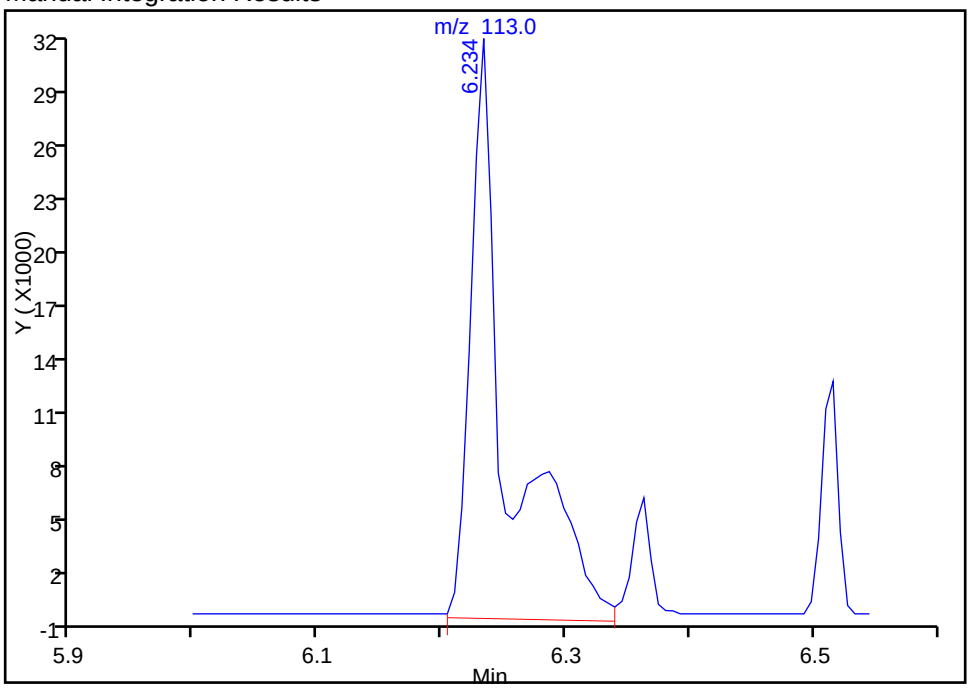
Processing Integration Results

RT: 6.23
Response: 42180
Amount: 55.217531



Manual Integration Results

RT: 6.23
Response: 67214
Amount: 82.585728



Reviewer: asfawa, 23-Jun-2014 00:21:38
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 23-Jun-2014 09:17:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150817.D
Lims ID: std20
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Jun-2014 23:19:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-005
Misc. Info.: std20
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:49 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:22:29

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.763	1.757	0.006	89	35435	20.0	19.7	
	2 N-Nitrosodimethylamine	74	1.999	1.998	0.001	66	52182	20.0	19.5	
	3 Pyridine	79	2.034	2.034	0.000	72	89167	20.0	19.7	
$	4 2-Fluorophenol	112	3.193	3.192	0.001	90	86709	20.0	19.9	
$	6 Phenol-d5	99	4.116	4.122	-0.006	86	105613	20.0	19.7	
	7 Phenol	94	4.128	4.134	-0.006	94	107583	20.0	19.5	
	8 Aniline	93	4.175	4.175	0.000	98	131520	20.0	19.8	
	9 Bis(2-chloroethyl)ether	93	4.234	4.239	-0.005	88	85426	20.0	19.7	
	124 Benzonitrile	103	4.281	4.269	0.012	6	500	NC	NC	
	10 2-Chlorophenol	128	4.293	4.298	-0.005	90	89752	20.0	19.7	
	11 n-Decane	43	4.340	4.339	0.001	95	173880	20.0	19.7	
	12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	94	103420	20.0	19.7	
*	13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	137536	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.528	4.528	0.000	84	103794	20.0	19.7	
	15 Benzyl alcohol	108	4.640	4.639	0.001	89	50541	20.0	19.7	
	16 1,2-Dichlorobenzene	146	4.675	4.681	-0.006	93	96956	20.0	19.5	
	17 2-Methylphenol	108	4.745	4.751	-0.006	84	74836	20.0	19.3	
	18 2,2'-oxybis[1-chloropropan	45	4.781	4.781	0.000	90	211749	20.0	19.5	
	125 N-Methylaniline	106	4.904	4.904	0.000	78	127103	NC	NC	
	21 4-Methylphenol	108	4.904	4.910	-0.006	83	84438	20.0	19.9	
	22 3 & 4 Methylphenol	108	4.904	4.910	-0.006	86	84438	20.0	19.8	
	20 N-Nitrosodi-n-propylamine	70	4.910	4.916	-0.006	89	62818	20.0	19.7	
	19 Acetophenone	105	4.910	4.916	-0.006	81	112056	20.0	19.4	
	24 Hexachloroethane	117	5.022	5.022	0.000	90	40152	20.0	20.0	
$	25 Nitrobenzene-d5	82	5.063	5.069	-0.006	95	92847	20.0	20.2	
	26 Nitrobenzene	77	5.087	5.092	-0.005	80	128322	20.0	20.1	
	27 n,n'-Dimethylaniline	120	5.087	5.092	-0.005	83	135516	20.0	20.5	
	28 Isophorone	82	5.322	5.328	-0.006	97	143981	20.0	19.3	
	29 2-Nitrophenol	139	5.404	5.410	-0.006	82	44322	20.0	19.5	
	30 2,4-Dimethylphenol	122	5.445	5.445	0.000	89	69128	20.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.545	5.551	-0.006	93	92959	20.0	19.5	
33 2,4-Dichlorophenol	162	5.645	5.645	0.000	92	67329	20.0	19.5	
34 1,2,4-Trichlorobenzene	180	5.734	5.733	0.001	90	81760	20.0	19.9	
* 35 Naphthalene-d8	136	5.792	5.798	-0.006	99	491350	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	90	241855	20.0	19.7	
37 4-Chloroaniline	127	5.863	5.869	-0.006	94	94990	20.0	19.8	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	96	50508	20.0	20.0	
39 Caprolactam	113	6.198	6.216	-0.018	84	18521	20.0	18.5	
40 4-Chloro-3-methylphenol	107	6.351	6.357	-0.006	90	60064	20.0	19.1	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	85	156991	20.0	19.4	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	91	146074	20.0	19.4	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	88	51600	20.0	20.0	
44 1,2,4,5-Tetrachlorobenzene	216	6.675	6.680	-0.005	97	77839	20.0	19.7	
45 2-tertbutyl-4-methylphenol	149	6.704	6.704	0.000	90	98778	20.0	19.5	
46 2,4,6-Trichlorophenol	196	6.786	6.792	-0.006	89	45819	20.0	19.5	
47 2,4,5-Trichlorophenol	196	6.822	6.828	-0.006	94	46176	20.0	18.9	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	98	169116	20.0	20.2	
49 1,1'-Biphenyl	154	6.975	6.980	-0.005	96	183580	20.0	19.6	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	96	142240	20.0	20.0	
53 Phenyl ether	170	7.081	7.086	-0.005	88	99421	20.0	20.1	
54 2-Nitroaniline	65	7.098	7.098	0.000	94	55056	20.0	19.6	
55 1,3-Dimethylnaphthalene	156	7.216	7.216	0.000	93	116866	20.0	20.1	
56 Dimethyl phthalate	163	7.281	7.286	-0.005	98	139523	20.0	19.4	
57 Coumarin	146	7.304	7.310	-0.006	75	45706	20.0	19.0	
58 2,6-Dinitrotoluene	165	7.339	7.345	-0.006	91	33920	20.0	19.5	
59 Acenaphthylene	152	7.410	7.416	-0.006	96	207332	20.0	19.8	
60 3-Nitroaniline	138	7.504	7.510	-0.006	91	34280	20.0	19.5	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	257222	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.563	7.569	-0.006	93	120532	20.0	19.8	
62 Acenaphthene	154	7.581	7.586	-0.005	91	131205	20.0	19.4	
64 2,4-Dinitrophenol	184	7.604	7.610	-0.006	90	39649	40.0	37.3	
65 4-Nitrophenol	65	7.657	7.669	-0.012	91	48981	40.0	37.5	
67 2,4-Dinitrotoluene	165	7.733	7.739	-0.006	90	42274	20.0	19.5	
66 Dibenzofuran	168	7.751	7.757	-0.006	92	191814	20.0	19.5	
68 2,3,4,6-Tetrachlorophenol	232	7.869	7.875	-0.006	93	38725	20.0	19.3	
69 Diethyl phthalate	149	7.981	7.986	-0.005	97	129970	20.0	19.0	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	72	73010	20.0	19.3	
70 Fluorene	166	8.092	8.098	-0.006	83	152315	20.0	19.4	
72 4-Nitroaniline	138	8.104	8.116	-0.012	95	29416	20.0	18.6	
73 4,6-Dinitro-2-methylphenol	198	8.139	8.145	-0.006	82	51532	40.0	38.6	
74 N-Nitrosodiphenylamine	169	8.210	8.210	0.000	67	105369	20.0	20.3	
75 1,2-Diphenylhydrazine	77	8.251	8.251	0.000	99	152688	20.0	20.0	
$ 76 2,4,6-Tribromophenol	330	8.328	8.333	-0.005	96	22728	20.0	18.8	
77 4-Bromophenyl phenyl ether	248	8.575	8.580	-0.005	87	42935	20.0	19.7	
78 Hexachlorobenzene	284	8.633	8.633	0.000	96	44294	20.0	19.5	
79 Atrazine	200	8.733	8.739	-0.006	88	35880	20.0	20.7	
121 Pentachlorophenol	266	8.828	8.827	0.001	89	52881	40.0	38.1	
81 Pentachloronitrobenzene	237	8.839	8.845	-0.006	86	18044	20.0	19.7	
82 n-Octadecane	57	8.904	8.904	0.000	93	125744	20.0	19.5	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	375647	40.0	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	96	195112	20.0	19.6	
85 Anthracene	178	9.092	9.098	-0.006	97	199719	20.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.251	9.251	0.000	82	167613	20.0	19.4	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	100	193470	20.0	19.3	
88 Fluoranthene	202	10.216	10.216	0.000	98	189618	20.0	19.1	
122 Benzidine	184	10.351	10.351	0.000	98	77510	20.0	20.3	
90 Pyrene	202	10.451	10.451	0.000	97	190037	20.0	20.4	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	99	131320	20.0	20.3	
92 Butyl benzyl phthalate	149	11.157	11.163	-0.006	98	69535	20.0	19.6	
93 Carbamazepine	193	11.280	11.286	-0.006	89	53031	20.0	19.0	
94 3,3'-Dichlorobenzidine	252	11.804	11.810	-0.006	99	55566	20.0	19.8	
95 Benzo[a]anthracene	228	11.839	11.839	0.000	94	154833	20.0	19.4	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	98	302724	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	86	94534	20.0	19.2	
97 Chrysene	228	11.880	11.886	-0.006	96	138682	20.0	19.0	
99 Di-n-octyl phthalate	149	12.774	12.780	-0.006	92	148657	20.0	19.4	
100 Benzo[b]fluoranthene	252	13.292	13.298	-0.006	97	138749	20.0	20.2	
101 Benzo[k]fluoranthene	252	13.327	13.339	-0.012	100	146664	20.0	20.1	
102 Benzo[a]pyrene	252	13.751	13.757	-0.005	96	133967	20.0	20.3	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	275064	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.309	15.321	-0.012	99	141325	20.0	19.3	
105 Dibenz(a,h)anthracene	278	15.345	15.356	-0.011	95	140349	20.0	19.5	
106 Benzo[g,h,i]perylene	276	15.692	15.703	-0.011	92	147211	20.0	19.6	
S 119 Total Cresols	1				0			39.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

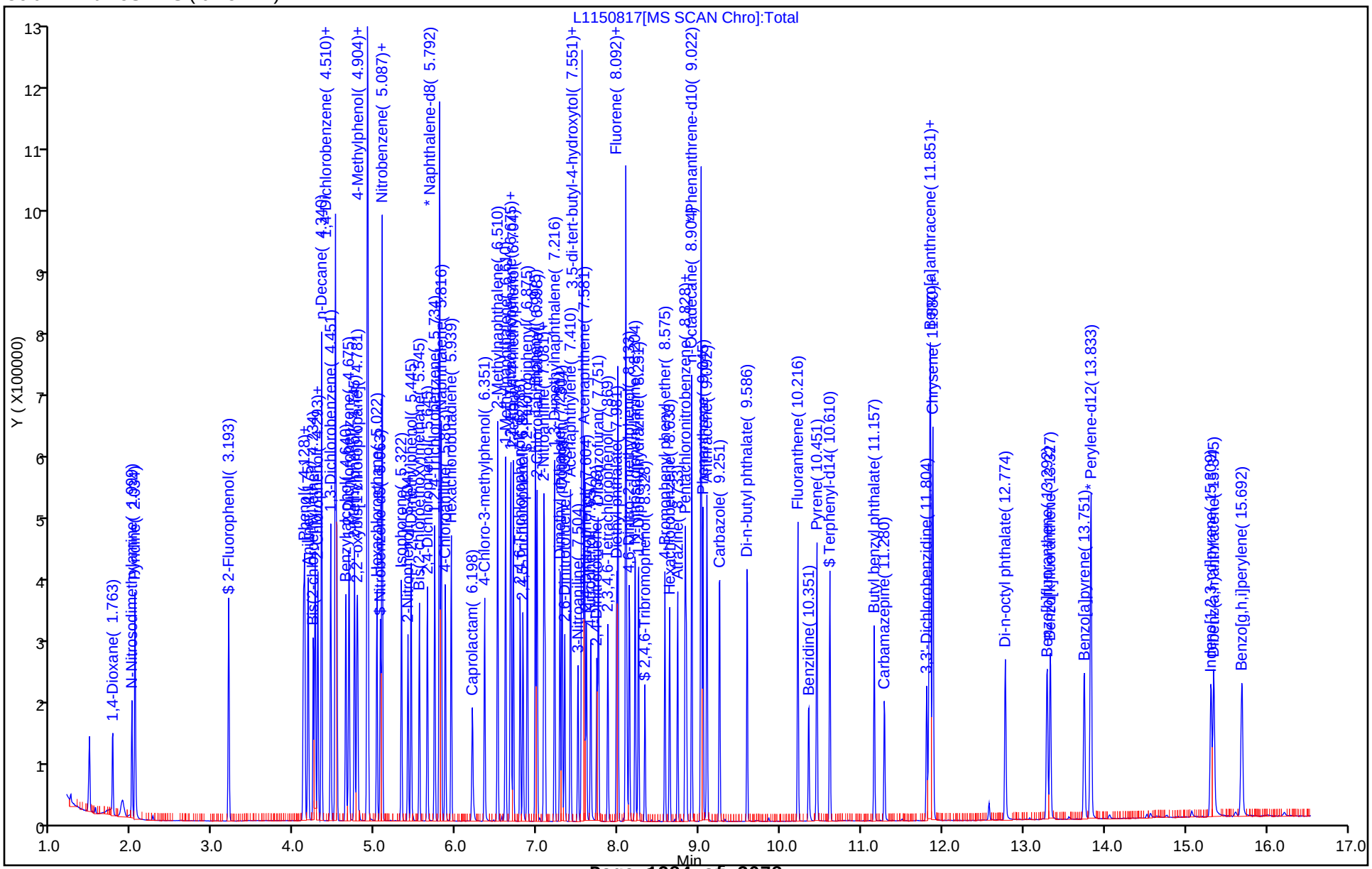
Report Date: 23-Jun-2014 09:17:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150817.D

Injection Date:	22-Jun-2014 23:19:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:17:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150818.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jun-2014 23:44:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-006
Misc. Info.: std10
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:52 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:23:24

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.757	1.757	0.000	87	17272	10.0	10.9	
	2 N-Nitrosodimethylamine	74	1.999	1.998	0.001	66	23371	10.0	9.96	
	3 Pyridine	79	2.034	2.034	0.000	71	40423	10.0	10.2	
$	4 2-Fluorophenol	112	3.193	3.192	0.001	91	38490	10.0	10.1	
$	6 Phenol-d5	99	4.110	4.122	-0.012	80	47129	10.0	10.0	
	7 Phenol	94	4.128	4.134	-0.006	95	50556	10.0	10.5	
	8 Aniline	93	4.169	4.175	-0.006	97	60581	10.0	10.4	
	9 Bis(2-chloroethyl)ether	93	4.234	4.239	-0.005	88	39841	10.0	10.5	
	124 Benzonitrile	103	4.257	4.269	-0.012	1	72340	NC	NC	
	10 2-Chlorophenol	128	4.293	4.298	-0.005	90	41282	10.0	10.3	
	11 n-Decane	43	4.340	4.339	0.001	95	80641	10.0	10.4	
	12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	93	47298	10.0	10.3	
*	13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	120687	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.522	4.528	-0.006	81	48015	10.0	10.4	
	15 Benzyl alcohol	108	4.634	4.639	-0.005	88	23182	10.0	10.3	
	16 1,2-Dichlorobenzene	146	4.675	4.681	-0.006	93	45055	10.0	10.4	
	17 2-Methylphenol	108	4.746	4.751	-0.005	86	35295	10.0	10.4	
	18 2,2'-oxybis[1-chloropropan	45	4.775	4.781	-0.006	90	98472	10.0	10.3	
	125 N-Methylaniline	106	4.898	4.904	-0.006	75	55564	NC	NC	
	21 4-Methylphenol	108	4.898	4.910	-0.012	82	38364	10.0	10.3	
	22 3 & 4 Methylphenol	108	4.898	4.910	-0.012	85	38364	10.0	10.3	
	20 N-Nitrosodi-n-propylamine	70	4.904	4.916	-0.012	91	28193	10.0	10.1	
	19 Acetophenone	105	4.910	4.916	-0.006	88	52506	10.0	10.4	
	24 Hexachloroethane	117	5.022	5.022	0.000	90	18697	10.0	10.6	
$	25 Nitrobenzene-d5	82	5.063	5.069	-0.006	94	41950	10.0	10.3	
	26 Nitrobenzene	77	5.081	5.092	-0.011	82	58102	10.0	10.3	
	27 n,n'-Dimethylaniline	120	5.087	5.092	-0.005	89	58415	10.0	10.1	
	28 Isophorone	82	5.322	5.328	-0.006	97	67986	10.0	10.3	
	29 2-Nitrophenol	139	5.404	5.410	-0.006	82	20423	10.0	10.1	
	30 2,4-Dimethylphenol	122	5.440	5.445	-0.005	89	31621	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.545	5.551	-0.006	93	42673	10.0	10.1	
33 2,4-Dichlorophenol	162	5.645	5.645	0.000	92	31173	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	5.734	5.733	0.001	91	38355	10.0	10.5	
* 35 Naphthalene-d8	136	5.793	5.798	-0.005	99	435658	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	98	112032	10.0	10.3	
37 4-Chloroaniline	127	5.863	5.869	-0.006	94	43662	10.0	10.3	
38 Hexachlorobutadiene	225	5.940	5.939	0.001	93	23178	10.0	10.4	
39 Caprolactam	113	6.187	6.216	-0.029	83	8405	10.0	9.49	
40 4-Chloro-3-methylphenol	107	6.345	6.357	-0.012	89	27880	10.0	10.0	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	83	75094	10.0	10.4	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	91	69157	10.0	10.4	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	85	23327	10.0	9.86	
44 1,2,4,5-Tetrachlorobenzene	216	6.675	6.680	-0.005	96	37131	10.0	10.3	
45 2-tertbutyl-4-methylphenol	149	6.704	6.704	0.000	86	42808	10.0	9.55	
46 2,4,6-Trichlorophenol	196	6.787	6.792	-0.005	89	22219	10.0	10.3	
47 2,4,5-Trichlorophenol	196	6.822	6.828	-0.006	92	22668	10.0	10.1	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	97	79279	10.0	10.3	
49 1,1'-Biphenyl	154	6.975	6.980	-0.005	95	89085	10.0	10.4	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	94	67511	10.0	10.4	
53 Phenyl ether	170	7.081	7.086	-0.005	89	44445	10.0	9.82	
54 2-Nitroaniline	65	7.092	7.098	-0.006	92	25727	10.0	10.0	
55 1,3-Dimethylnaphthalene	156	7.210	7.216	-0.006	92	51468	10.0	9.69	
56 Dimethyl phthalate	163	7.281	7.286	-0.005	99	68533	10.0	10.4	
57 Coumarin	146	7.304	7.310	-0.006	72	20550	10.0	9.65	
58 2,6-Dinitrotoluene	165	7.339	7.345	-0.006	90	16740	10.0	10.5	
59 Acenaphthylene	152	7.410	7.416	-0.006	97	100144	10.0	10.4	
60 3-Nitroaniline	138	7.498	7.510	-0.012	88	16261	10.0	10.1	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	235440	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.563	7.569	-0.006	86	53593	10.0	9.64	
62 Acenaphthene	154	7.581	7.586	-0.005	94	64750	10.0	10.5	
64 2,4-Dinitrophenol	184	7.604	7.610	-0.006	76	17364	20.0	17.9	
65 4-Nitrophenol	65	7.657	7.669	-0.012	91	23465	20.0	19.6	
67 2,4-Dinitrotoluene	165	7.734	7.739	-0.005	90	21618	10.0	10.9	
66 Dibenzofuran	168	7.751	7.757	-0.006	92	93429	10.0	10.4	
68 2,3,4,6-Tetrachlorophenol	232	7.869	7.875	-0.006	91	18171	10.0	9.89	
69 Diethyl phthalate	149	7.975	7.986	-0.011	96	65725	10.0	10.5	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	72	35855	10.0	10.4	
70 Fluorene	166	8.092	8.098	-0.006	83	75141	10.0	10.4	
72 4-Nitroaniline	138	8.104	8.116	-0.012	94	14392	10.0	9.97	
73 4,6-Dinitro-2-methylphenol	198	8.134	8.145	-0.011	81	25103	20.0	19.4	
74 N-Nitrosodiphenylamine	169	8.204	8.210	-0.006	67	47813	10.0	9.48	
75 1,2-Diphenylhydrazine	77	8.245	8.251	-0.006	99	75069	10.0	10.1	
$ 76 2,4,6-Tribromophenol	330	8.328	8.333	-0.005	89	11221	10.0	10.1	
77 4-Bromophenyl phenyl ether	248	8.575	8.580	-0.005	87	20858	10.0	9.88	
78 Hexachlorobenzene	284	8.634	8.633	0.001	94	22473	10.0	10.2	
79 Atrazine	200	8.734	8.739	-0.005	84	17456	10.0	10.4	
121 Pentachlorophenol	266	8.828	8.827	0.001	89	26452	20.0	19.7	
81 Pentachloronitrobenzene	237	8.839	8.845	-0.006	84	8663	10.0	9.76	
82 n-Octadecane	57	8.904	8.904	0.000	91	61447	10.0	9.85	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	364218	40.0	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	95	99018	10.0	10.2	
85 Anthracene	178	9.092	9.098	-0.006	97	102476	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.251	9.251	0.000	82	87242	10.0	10.4	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	99	99838	10.0	10.3	
88 Fluoranthene	202	10.216	10.216	0.000	98	101193	10.0	10.5	
122 Benzidine	184	10.351	10.351	0.000	96	39512	10.0	10.7	
90 Pyrene	202	10.451	10.451	0.000	98	100425	10.0	10.6	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	98	68696	10.0	10.5	
92 Butyl benzyl phthalate	149	11.157	11.163	-0.006	96	36877	10.0	10.2	
93 Carbamazepine	193	11.280	11.286	-0.006	85	22196	10.0	9.17	
94 3,3'-Dichlorobenzidine	252	11.804	11.810	-0.006	96	26053	10.0	9.14	
95 Benzo[a]anthracene	228	11.833	11.839	-0.006	94	83113	10.0	10.2	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	99	307260	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	87	49767	10.0	9.98	
97 Chrysene	228	11.880	11.886	-0.006	96	75690	10.0	10.2	
99 Di-n-octyl phthalate	149	12.774	12.780	-0.006	91	76273	10.0	10.2	
100 Benzo[b]fluoranthene	252	13.286	13.298	-0.012	98	71065	10.0	10.6	
101 Benzo[k]fluoranthene	252	13.327	13.339	-0.012	99	74637	10.0	10.5	
102 Benzo[a]pyrene	252	13.745	13.757	-0.011	96	67637	10.0	10.5	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	268317	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.310	15.321	-0.011	99	66081	10.0	9.34	
105 Dibenz(a,h)anthracene	278	15.345	15.356	-0.011	96	68005	10.0	9.74	
106 Benzo[g,h,i]perylene	276	15.692	15.703	-0.011	90	71163	10.0	9.72	
S 119 Total Cresols	1				0			20.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated

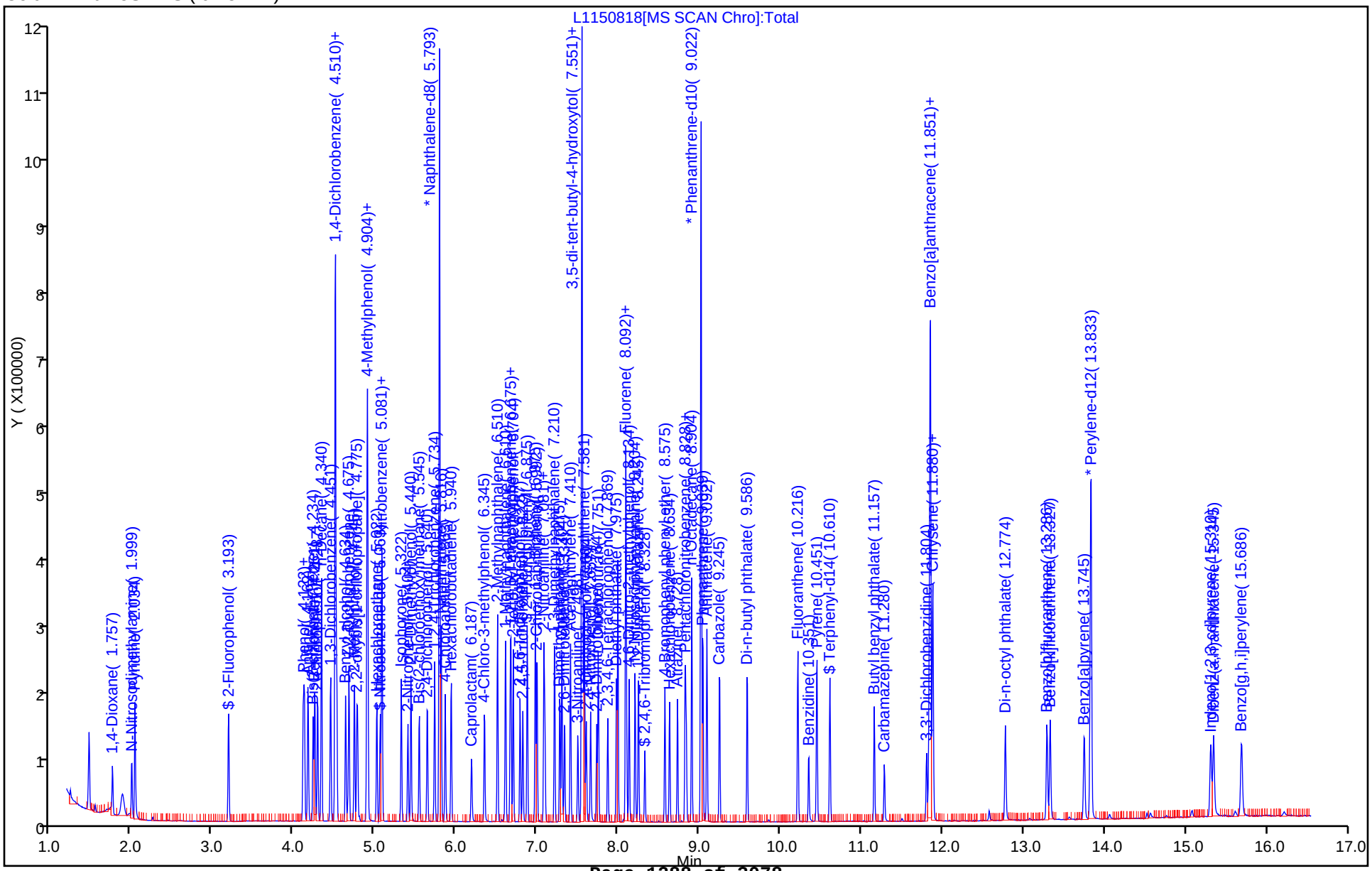
Report Date: 23-Jun-2014 09:17:53 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150818.D

Injection Date:	22-Jun-2014 23:44:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:17:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150819.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2014 00:08:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-007
Misc. Info.: std5
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:54 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:54:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.758	1.757	0.001	88	8076	5.00	4.97	
2 N-Nitrosodimethylamine	74	1.999	1.998	0.001	67	11581	5.00	4.80	
3 Pyridine	79	2.040	2.034	0.006	72	19489	5.00	4.77	
$ 4 2-Fluorophenol	112	3.193	3.192	0.001	87	19202	5.00	4.89	
$ 6 Phenol-d5	99	4.110	4.122	-0.012	80	24143	5.00	5.00	
7 Phenol	94	4.122	4.134	-0.012	95	24718	5.00	4.97	
8 Aniline	93	4.169	4.175	-0.006	97	30097	5.00	5.03	
9 Bis(2-chloroethyl)ether	93	4.234	4.239	-0.005	89	20453	5.00	5.23	
124 Benzonitrile	103	4.251	4.269	-0.018	1	39117	NC	NC	
10 2-Chlorophenol	128	4.287	4.298	-0.011	89	20419	5.00	4.95	
11 n-Decane	43	4.340	4.339	0.001	96	40259	5.00	5.06	
12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	94	24096	5.00	5.09	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	124199	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.522	4.528	-0.006	81	23847	5.00	5.01	
15 Benzyl alcohol	108	4.634	4.639	-0.005	87	11522	5.00	4.96	
16 1,2-Dichlorobenzene	146	4.675	4.681	-0.006	93	23017	5.00	5.14	
17 2-Methylphenol	108	4.740	4.751	-0.011	81	17426	5.00	4.97	
18 2,2'-oxybis[1-chloropropan	45	4.775	4.781	-0.006	89	51405	5.00	5.24	
125 N-Methylaniline	106	4.899	4.904	-0.006	76	29719	NC	NC	
21 4-Methylphenol	108	4.899	4.910	-0.012	80	19558	5.00	5.10	
22 3 & 4 Methylphenol	108	4.899	4.910	-0.012	86	19558	5.00	5.09	
20 N-Nitrosodi-n-propylamine	70	4.904	4.916	-0.012	92	15276	5.00	5.31	
19 Acetophenone	105	4.910	4.916	-0.006	89	27162	5.00	5.20	
24 Hexachloroethane	117	5.022	5.022	0.000	90	9525	5.00	5.24	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	93	21944	5.00	5.15	
26 Nitrobenzene	77	5.081	5.092	-0.011	84	30424	5.00	5.15	
27 n,n'-Dimethylaniline	120	5.081	5.092	-0.011	87	30977	5.00	5.19	
28 Isophorone	82	5.322	5.328	-0.006	97	34840	5.00	5.06	
29 2-Nitrophenol	139	5.404	5.410	-0.006	80	10166	5.00	4.84	
30 2,4-Dimethylphenol	122	5.440	5.445	-0.005	87	15908	5.00	4.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.546	5.551	-0.005	94	22374	5.00	5.08	
33 2,4-Dichlorophenol	162	5.640	5.645	-0.005	90	15794	5.00	4.96	
34 1,2,4-Trichlorobenzene	180	5.734	5.733	0.001	92	19365	5.00	5.11	
* 35 Naphthalene-d8	136	5.793	5.798	-0.005	99	454246	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	97	57836	5.00	5.11	
37 4-Chloroaniline	127	5.863	5.869	-0.006	94	22472	5.00	5.06	
38 Hexachlorobutadiene	225	5.940	5.939	0.001	91	11884	5.00	5.09	
39 Caprolactam	113	6.181	6.216	-0.035	81	4261	5.00	4.61	
40 4-Chloro-3-methylphenol	107	6.345	6.357	-0.012	88	14249	5.00	4.91	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	83	38462	5.00	5.13	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	92	36106	5.00	5.19	
43 Hexachlorocyclopentadiene	237	6.663	6.669	-0.006	84	11366	5.00	4.56	
44 1,2,4,5-Tetrachlorobenzene	216	6.675	6.680	-0.005	94	19701	5.00	5.17	
45 2-tertbutyl-4-methylphenol	149	6.704	6.704	0.000	88	24466	5.00	5.23	
46 2,4,6-Trichlorophenol	196	6.787	6.792	-0.005	87	11216	5.00	4.94	
47 2,4,5-Trichlorophenol	196	6.822	6.828	-0.006	91	11536	5.00	4.88	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	97	42147	5.00	5.21	
49 1,1'-Biphenyl	154	6.975	6.980	-0.005	95	46425	5.00	5.13	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	94	34970	5.00	5.09	
53 Phenyl ether	170	7.081	7.086	-0.005	88	24406	5.00	5.11	
54 2-Nitroaniline	65	7.092	7.098	-0.006	91	13566	5.00	5.00	
55 1,3-Dimethylnaphthalene	156	7.210	7.216	-0.006	92	29141	5.00	5.20	
56 Dimethyl phthalate	163	7.275	7.286	-0.011	97	35505	5.00	5.11	
57 Coumarin	146	7.298	7.310	-0.012	72	11356	5.00	5.11	
58 2,6-Dinitrotoluene	165	7.334	7.345	-0.011	88	8619	5.00	5.13	
59 Acenaphthylene	152	7.410	7.416	-0.006	96	51484	5.00	5.09	
60 3-Nitroaniline	138	7.498	7.510	-0.012	87	8288	5.00	4.88	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	248300	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.563	7.569	-0.006	84	29900	5.00	5.10	
62 Acenaphthene	154	7.581	7.586	-0.005	84	34147	5.00	5.24	
64 2,4-Dinitrophenol	184	7.604	7.610	-0.006	69	7780	10.0	7.59	
65 4-Nitrophenol	65	7.657	7.669	-0.012	87	10197	10.0	8.09	
67 2,4-Dinitrotoluene	165	7.734	7.739	-0.005	88	10741	5.00	5.13	
66 Dibenzofuran	168	7.751	7.757	-0.006	92	48972	5.00	5.15	
68 2,3,4,6-Tetrachlorophenol	232	7.869	7.875	-0.006	87	9259	5.00	4.78	
69 Diethyl phthalate	149	7.975	7.986	-0.011	95	33823	5.00	5.12	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	69	18741	5.00	5.14	
70 Fluorene	166	8.092	8.098	-0.006	83	39265	5.00	5.17	
72 4-Nitroaniline	138	8.098	8.116	-0.018	90	7162	5.00	4.70	
73 4,6-Dinitro-2-methylphenol	198	8.134	8.145	-0.011	77	11719	10.0	8.69	
74 N-Nitrosodiphenylamine	169	8.204	8.210	-0.006	66	27376	5.00	5.21	
75 1,2-Diphenylhydrazine	77	8.245	8.251	-0.006	98	38364	5.00	4.97	
$ 76 2,4,6-Tribromophenol	330	8.328	8.333	-0.005	76	5717	5.00	4.89	
77 4-Bromophenyl phenyl ether	248	8.575	8.580	-0.005	86	11114	5.00	5.05	
78 Hexachlorobenzene	284	8.634	8.633	0.001	89	12120	5.00	5.29	
79 Atrazine	200	8.728	8.739	-0.011	77	9511	5.00	5.44	
121 Pentachlorophenol	266	8.828	8.827	0.001	85	12137	10.0	8.66	
81 Pentachloronitrobenzene	237	8.839	8.845	-0.006	75	4243	5.00	4.59	
82 n-Octadecane	57	8.904	8.904	0.000	88	31281	5.00	4.81	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	379487	40.0	40.0	
84 Phenanthrene	178	9.039	9.045	-0.006	97	51779	5.00	5.14	
85 Anthracene	178	9.092	9.098	-0.006	96	52008	5.00	5.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.251	9.251	0.000	82	43131	5.00	4.94	
87 Di-n-butyl phthalate	149	9.586	9.592	-0.006	99	48221	5.00	4.76	
88 Fluoranthene	202	10.216	10.216	0.000	98	49195	5.00	4.90	
122 Benzidine	184	10.351	10.351	0.000	90	19268	5.00	5.01	
90 Pyrene	202	10.445	10.451	-0.006	97	47739	5.00	5.26	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	95	32665	5.00	5.20	
92 Butyl benzyl phthalate	149	11.157	11.163	-0.006	95	16248	5.00	4.72	
93 Carbamazepine	193	11.280	11.286	-0.006	75	9144	5.00	5.25	
94 3,3'-Dichlorobenzidine	252	11.804	11.810	-0.006	82	12729	5.00	4.67	
95 Benzo[a]anthracene	228	11.833	11.839	-0.006	90	38124	5.00	4.91	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	99	294068	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.875	11.880	-0.005	76	22382	5.00	4.69	
97 Chrysene	228	11.880	11.886	-0.006	96	37137	5.00	5.25	
99 Di-n-octyl phthalate	149	12.774	12.780	-0.006	86	32702	5.00	4.69	
100 Benzo[b]fluoranthene	252	13.286	13.298	-0.012	94	30962	5.00	4.94	
101 Benzo[k]fluoranthene	252	13.327	13.339	-0.012	100	35784	5.00	5.40	
102 Benzo[a]pyrene	252	13.745	13.757	-0.011	93	30943	5.00	5.14	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	250378	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.304	15.321	-0.017	99	29979	5.00	4.61	
105 Dibenz(a,h)anthracene	278	15.345	15.356	-0.011	92	30516	5.00	4.76	
106 Benzo[g,h,i]perylene	276	15.686	15.703	-0.017	85	31985	5.00	4.68	
S 119 Total Cresols	1				0			10.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

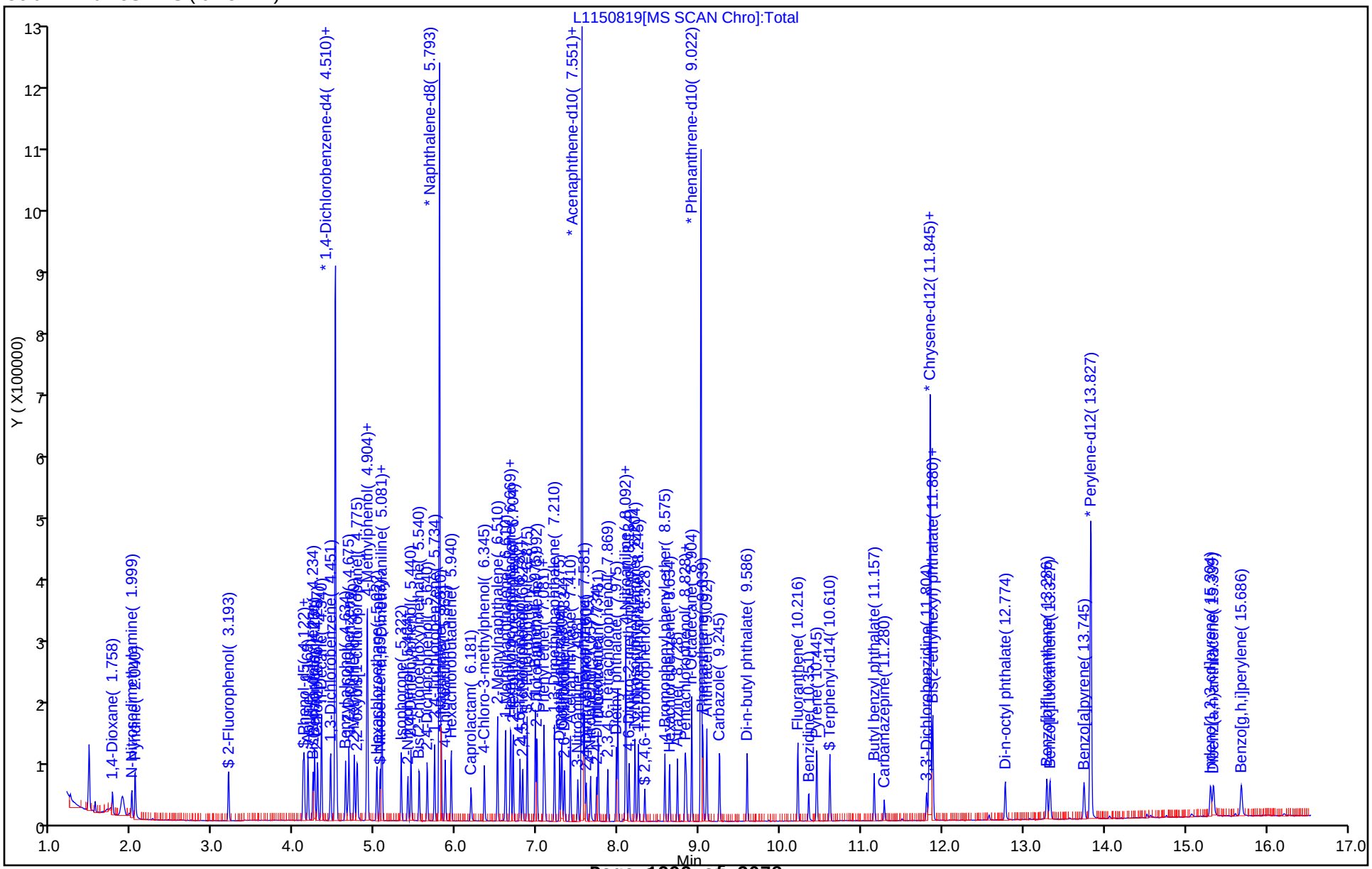
Report Date: 23-Jun-2014 09:17:55 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150819.D

Injection Date:	23-Jun-2014 00:08:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:17:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150820.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jun-2014 00:33:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-008
Misc. Info.: std1
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:57 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 00:55:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.234	4.239	-0.005	76	4262	1.00	1.00	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	135846	40.0	40.0	
20 N-Nitrosodi-n-propylamine	70	4.904	4.916	-0.012	83	3004	1.00	0.9541	
24 Hexachloroethane	117	5.016	5.022	-0.006	76	1928	1.00	0.9700	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	69	4149	1.00	0.9029	
26 Nitrobenzene	77	5.081	5.092	-0.011	81	6252	1.00	0.9807	
27 n,n'-Dimethylaniline	120	5.081	5.092	-0.011	74	6041	1.00	0.9246	
34 1,2,4-Trichlorobenzene	180	5.733	5.733	0.000	81	4046	1.00	0.9893	
* 35 Naphthalene-d8	136	5.792	5.798	-0.006	99	490049	40.0	40.0	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	69	2296	1.00	0.9115	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	83	8072	1.00	0.9437	
58 2,6-Dinitrotoluene	165	7.333	7.345	-0.012	37	1559	1.00	0.8779	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	262575	40.0	40.0	
67 2,4-Dinitrotoluene	165	7.733	7.739	-0.006	37	1771	1.00	0.8001	
78 Hexachlorobenzene	284	8.633	8.633	0.000	62	2327	1.00	0.9757	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	395294	40.0	40.0	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	56	6019	1.00	0.9229	
95 Benzo[a]anthracene	228	11.833	11.839	-0.006	69	8254	1.00	1.02	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	99	305166	40.0	40.0	
100 Benzo[b]fluoranthene	252	13.286	13.298	-0.012	78	6109	1.00	0.9348	
101 Benzo[k]fluoranthene	252	13.327	13.339	-0.012	71	6623	1.00	0.9578	
102 Benzo[a]pyrene	252	13.745	13.757	-0.011	81	5652	1.00	0.9008	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	261087	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.303	15.321	-0.018	78	5765	1.00	0.9590	
105 Dibenz(a,h)anthracene	278	15.345	15.356	-0.011	54	5546	1.00	0.9516	

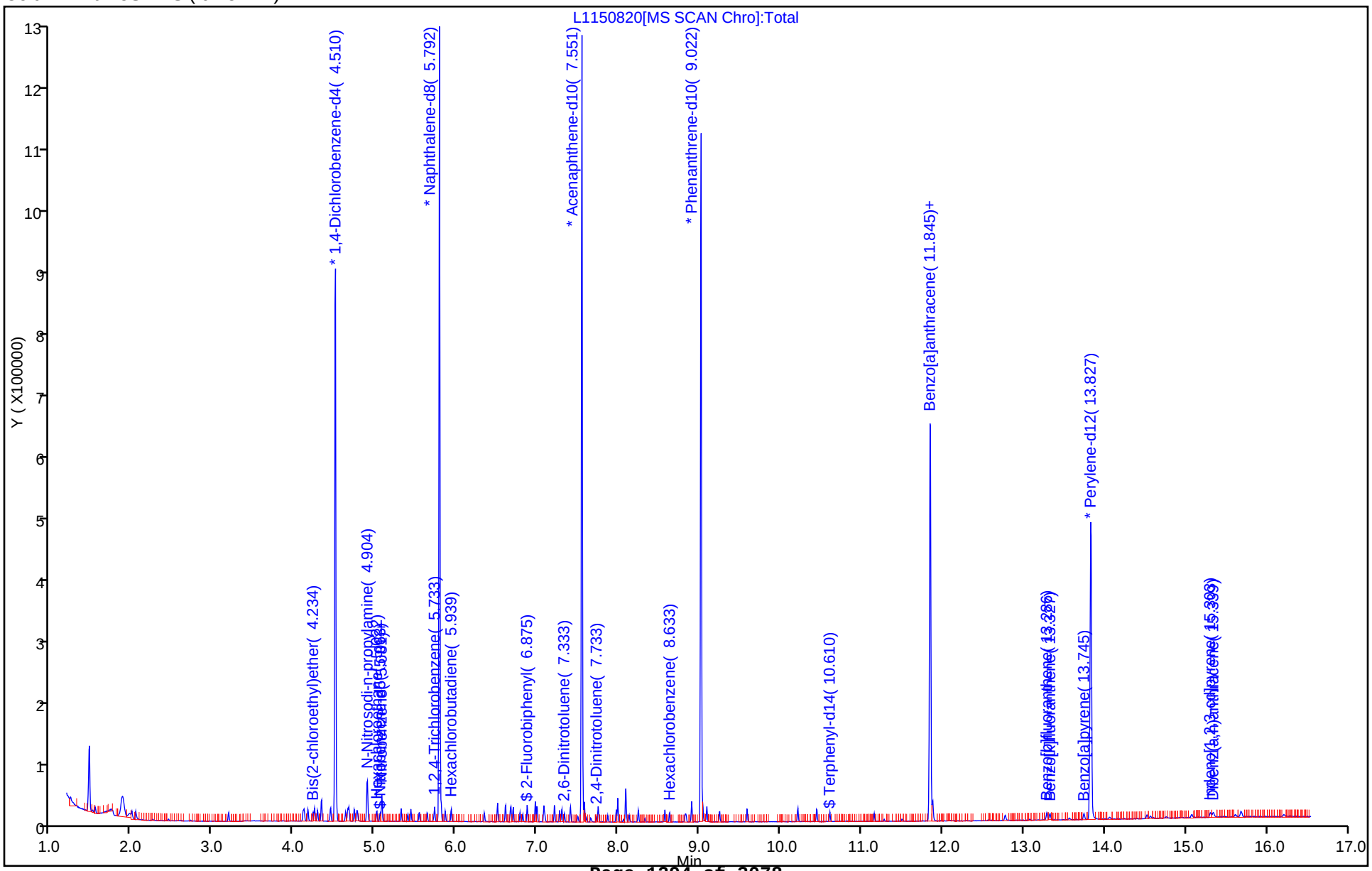
Report Date: 23-Jun-2014 09:17:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150820.D

Injection Date:	23-Jun-2014 00:33:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std1			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:00 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150821.D
Lims ID: std05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jun-2014 00:57:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-009
Misc. Info.: std05
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:59 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 02:15:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.234	4.239	-0.005	62	2014	0.5000	0.4478	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	142921	40.0	40.0	
20 N-Nitrosodi-n-propylamine	70	4.904	4.916	-0.012	78	1504	0.5000	0.4540	
24 Hexachloroethane	117	5.022	5.022	0.000	62	889	0.5000	0.4251	
$ 25 Nitrobenzene-d5	82	5.057	5.069	-0.012	53	2326	0.5000	0.4692	
26 Nitrobenzene	77	5.081	5.092	-0.011	69	3075	0.5000	0.4471	
27 n,n'-Dimethylaniline	120	5.081	5.092	-0.011	58	3362	0.5000	0.4891	
34 1,2,4-Trichlorobenzene	180	5.734	5.733	0.001	46	2017	0.5000	0.4572	
* 35 Naphthalene-d8	136	5.792	5.798	-0.006	99	528691	40.0	40.0	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	70	4460	0.5000	0.4683	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	292342	40.0	40.0	
78 Hexachlorobenzene	284	8.633	8.633	0.000	19	1293	0.5000	0.4737	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	452377	40.0	40.0	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	18	3624	0.5000	0.4874	
95 Benzo[a]anthracene	228	11.839	11.839	0.000	52	4815	0.5000	0.5240	
* 96 Chrysene-d12	240	11.851	11.857	-0.006	99	347869	40.0	40.0	
100 Benzo[b]fluoranthene	252	13.286	13.298	-0.012	40	2943	0.5000	0.4285	
101 Benzo[k]fluoranthene	252	13.321	13.339	-0.018	50	3057	0.5000	0.4206	
102 Benzo[a]pyrene	252	13.745	13.757	-0.011	67	2605	0.5000	0.3950	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	274406	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.304	15.321	-0.017	37	2805	0.5000	0.5156	
105 Dibenz(a,h)anthracene	278	15.339	15.356	-0.017	28	2665	0.5000	0.5151	

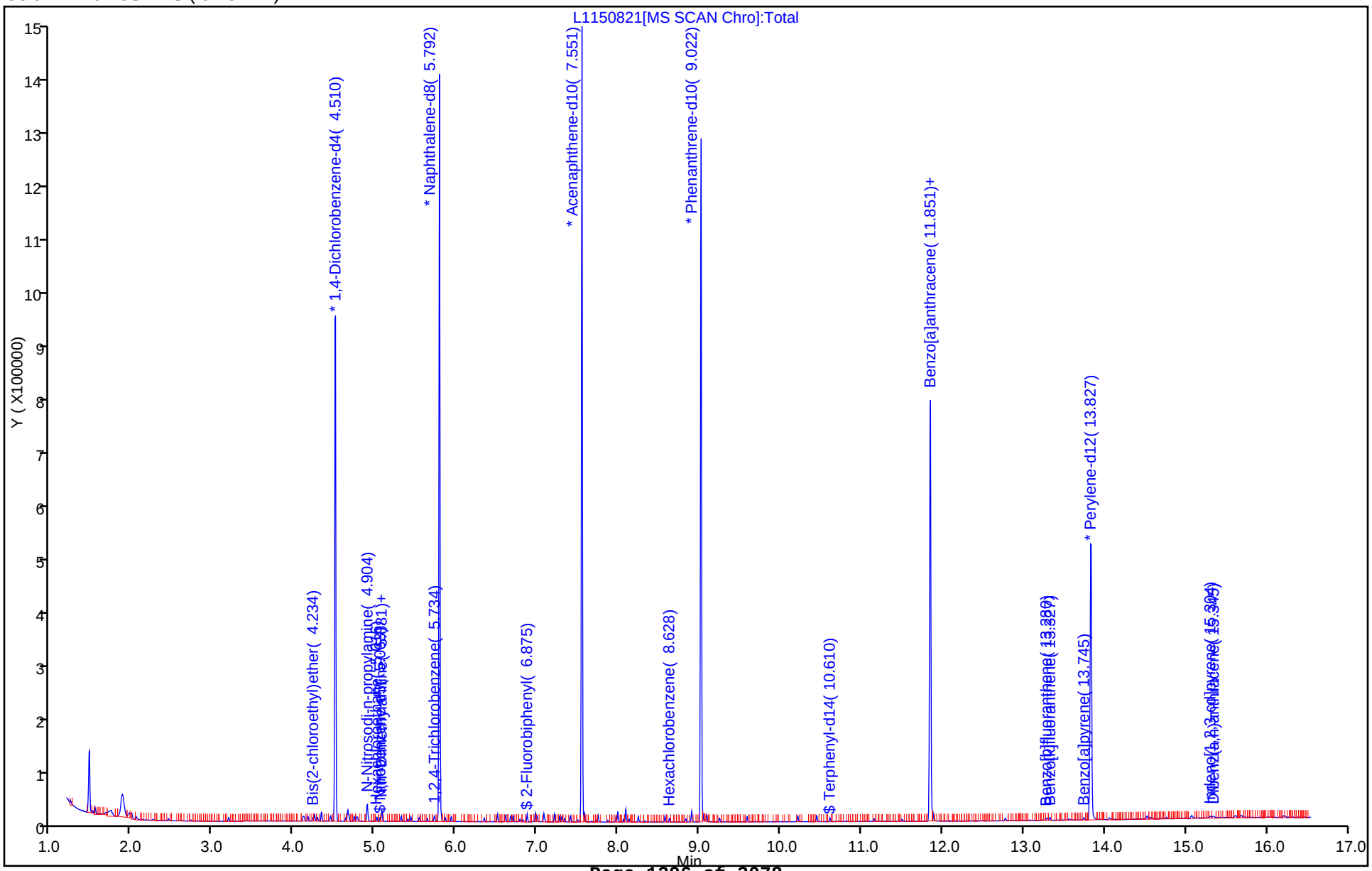
Report Date: 23-Jun-2014 09:18:00 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150821.D

Injection Date:	23-Jun-2014 00:57:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std05			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 01:22 Calibration End Date: 06/23/2014 03:25 Calibration ID: 40261

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232183/15	L1150827.D
Level 2	IC 460-232183/14	L1150826.D
Level 3	IC 460-232183/13	L1150825.D
Level 4	IC 460-232183/10	L1150822.D
Level 5	IC 460-232183/12	L1150824.D
Level 6	IC 460-232183/11	L1150823.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								
Benzaldehyde	1.0812 1.1108	1.0901	1.1155	1.1792	1.0846	Ave		1.1102			0.0100	3.3		20.0			
Benzoic acid	0.0704 0.1823	0.1008	0.1278	0.1667	0.1581	Lin2	-0.547	0.1699			0.0100				0.9900		0.9900

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.: 460-78044-1 Analy Batch No.: 232183

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 01:22 Calibration End Date: 06/23/2014 03:25 Calibration ID: 40261

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232183/15	L1150827.D
Level 2	IC 460-232183/14	L1150826.D
Level 3	IC 460-232183/13	L1150825.D
Level 4	IC 460-232183/10	L1150822.D
Level 5	IC 460-232183/12	L1150824.D
Level 6	IC 460-232183/11	L1150823.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	19803 479478	36416	78224	214317	383623	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Lin2	4690 294179	12221	33069	109212	198126	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Report Date: 23-Jun-2014 09:18:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150822.D
Lims ID: std50
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jun-2014 01:22:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-010
Misc. Info.: std50
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:02 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 02:15:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.075	4.075	0.000	87	214317	50.0	53.1	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	145393	40.0	40.0	
32 Benzoic acid	122	5.557	5.557	0.000	91	109212	50.0	52.3	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	523999	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	287086	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	433447	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	310285	40.0	40.0	
* 103 Perylene-d12	264	13.833	13.833	0.000	99	262215	40.0	40.0	

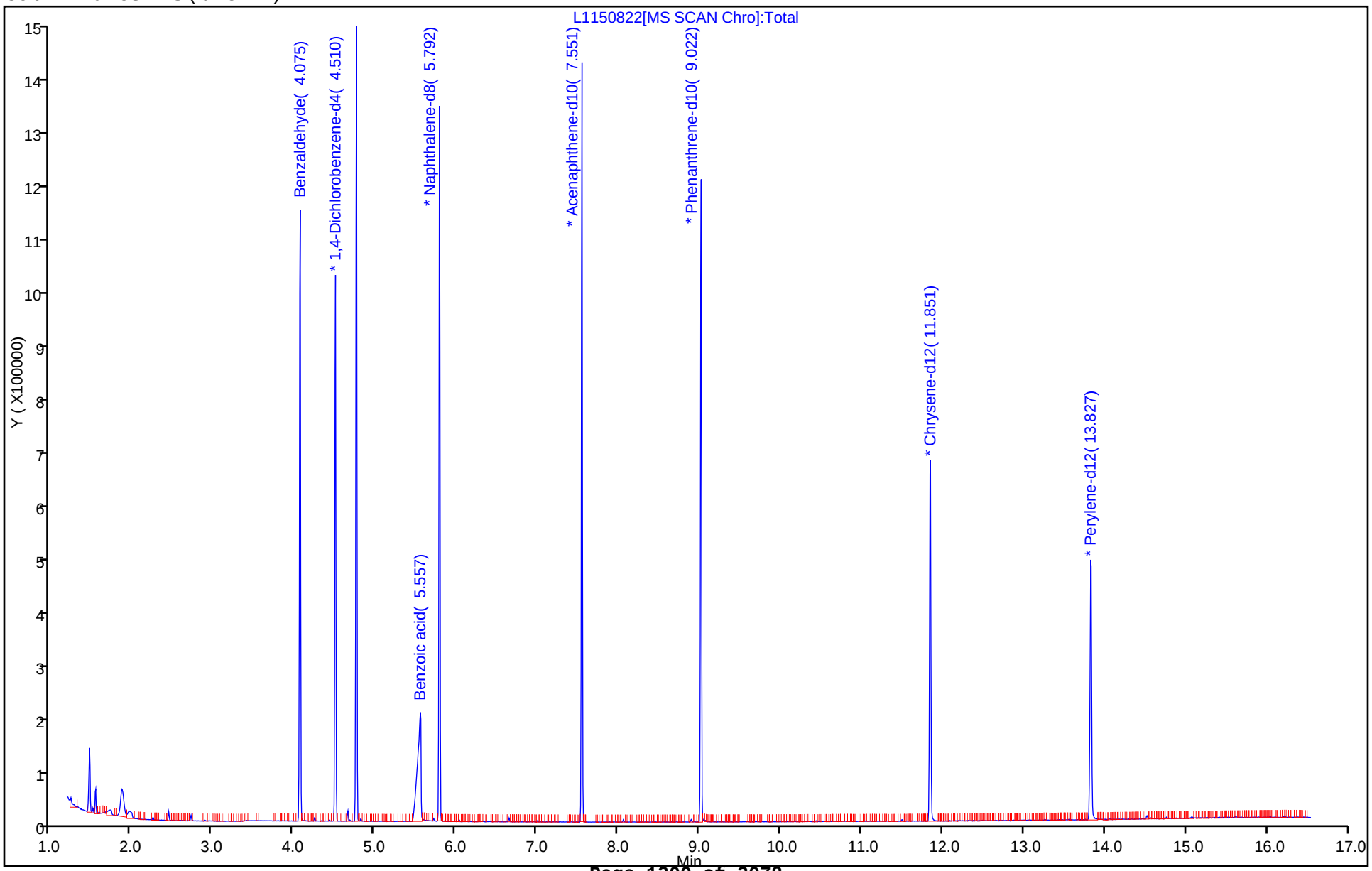
Report Date: 23-Jun-2014 09:18:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150822.D

Injection Date:	23-Jun-2014 01:22:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std50			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150823.D
Lims ID: std120
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 23-Jun-2014 01:47:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-011
Misc. Info.: std120
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:04 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 02:15:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.075	4.075	0.000	86	479478	120.0	120.1	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	143878	40.0	40.0	
32 Benzoic acid	122	5.616	5.557	0.059	92	294179	120.0	131.9	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	538018	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	306469	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	478738	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	349977	40.0	40.0	
* 103 Perylene-d12	264	13.833	13.833	0.000	99	287575	40.0	40.0	

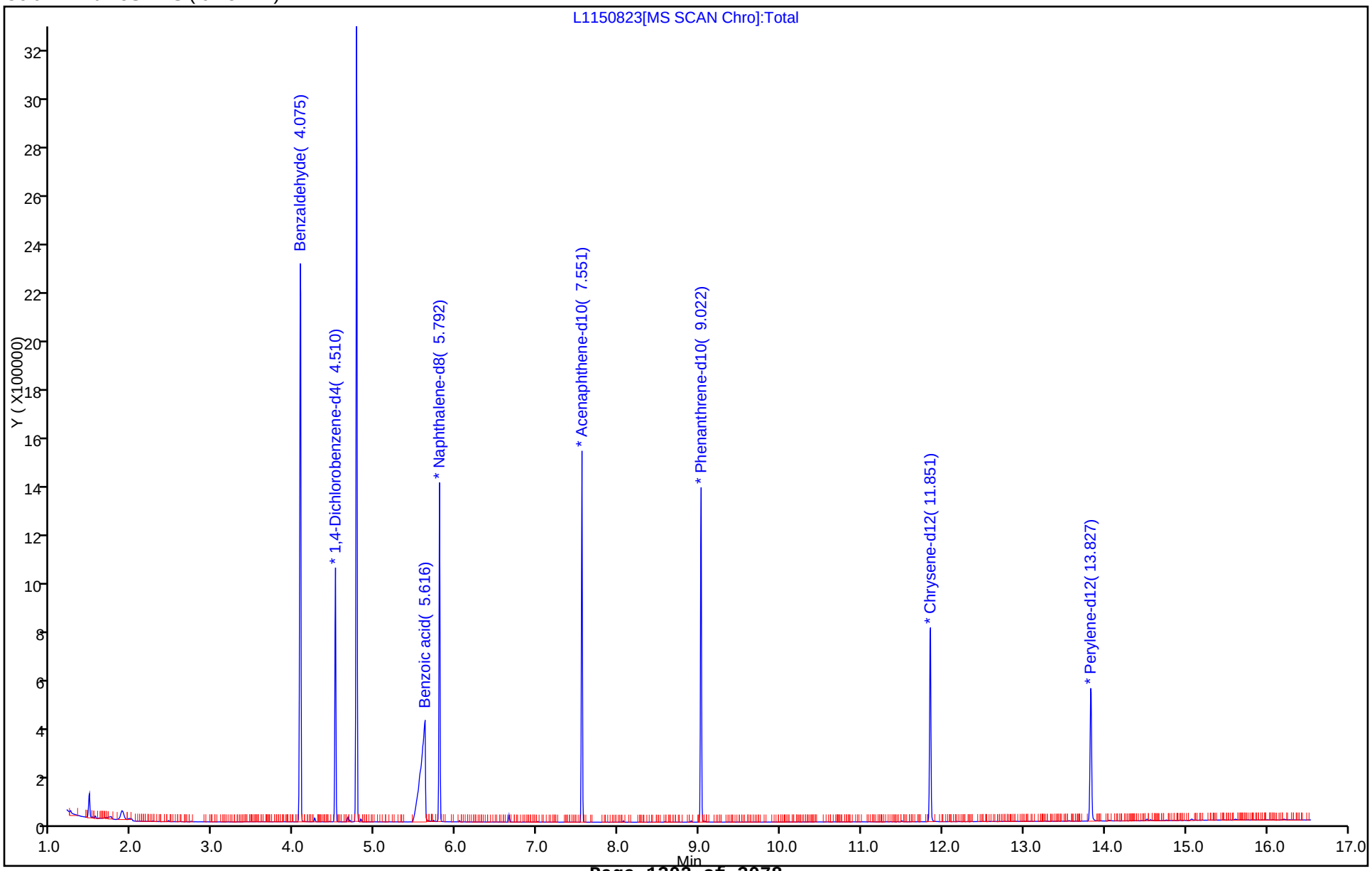
Report Date: 23-Jun-2014 09:18:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150823.D

Injection Date:	23-Jun-2014 01:47:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std120			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150824.D
Lims ID: std80
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jun-2014 02:11:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-012
Misc. Info.: std80
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:07 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 02:58:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.075	4.075	0.000	85	383623	80.0	78.1	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	176858	40.0	40.0	
32 Benzoic acid	122	5.592	5.557	0.035	91	198126	80.0	77.6	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	626733	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	327574	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	459604	40.0	40.0	
* 96 Chrysene-d12	240	11.845	11.851	-0.006	99	313852	40.0	40.0	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	293373	40.0	40.0	

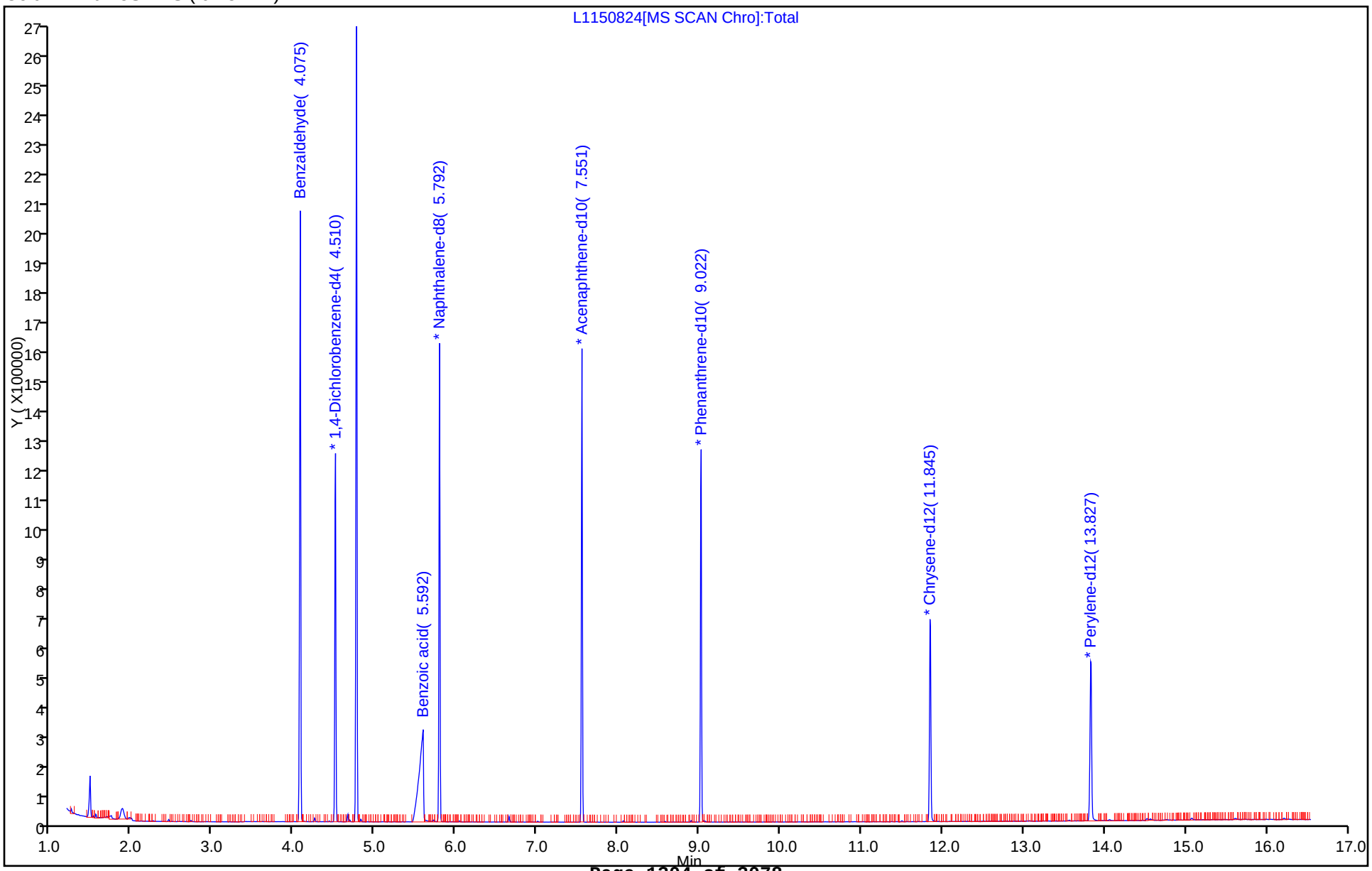
Report Date: 23-Jun-2014 09:18:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150824.D

Injection Date:	23-Jun-2014 02:11:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std80			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150825.D
Lims ID: std20
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Jun-2014 02:36:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-013
Misc. Info.: std20
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:09 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 02:58:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.069	4.075	-0.006	87	78224	20.0	20.1	
* 13 1,4-Dichlorobenzene-d4	152	4.504	4.510	-0.006	96	140254	40.0	40.0	
32 Benzoic acid	122	5.516	5.557	-0.041	90	33069	20.0	18.3	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	517643	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	287959	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	432564	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	329180	40.0	40.0	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	285202	40.0	40.0	

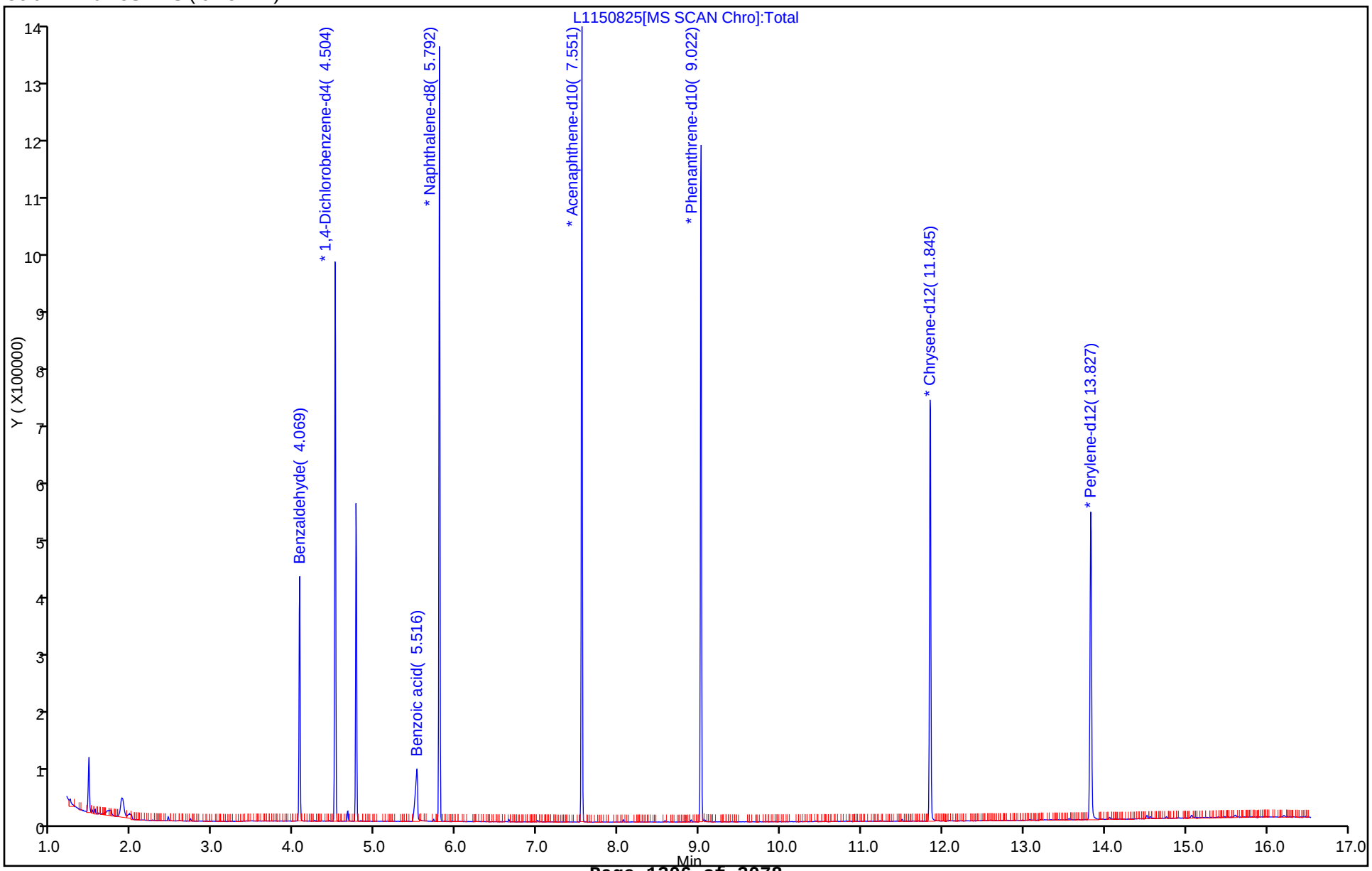
Report Date: 23-Jun-2014 09:18:10 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150825.D

Injection Date:	23-Jun-2014 02:36:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std20			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150826.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jun-2014 03:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-014
Misc. Info.: std10
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:11 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 04:19:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.069	4.075	-0.006	87	36416	10.0	9.82	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	133626	40.0	40.0	
32 Benzoic acid	122	5.493	5.557	-0.064	88	12221	10.0	9.15	
* 35 Naphthalene-d8	136	5.793	5.792	0.001	99	484960	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	261401	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	403127	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	340752	40.0	40.0	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	289534	40.0	40.0	

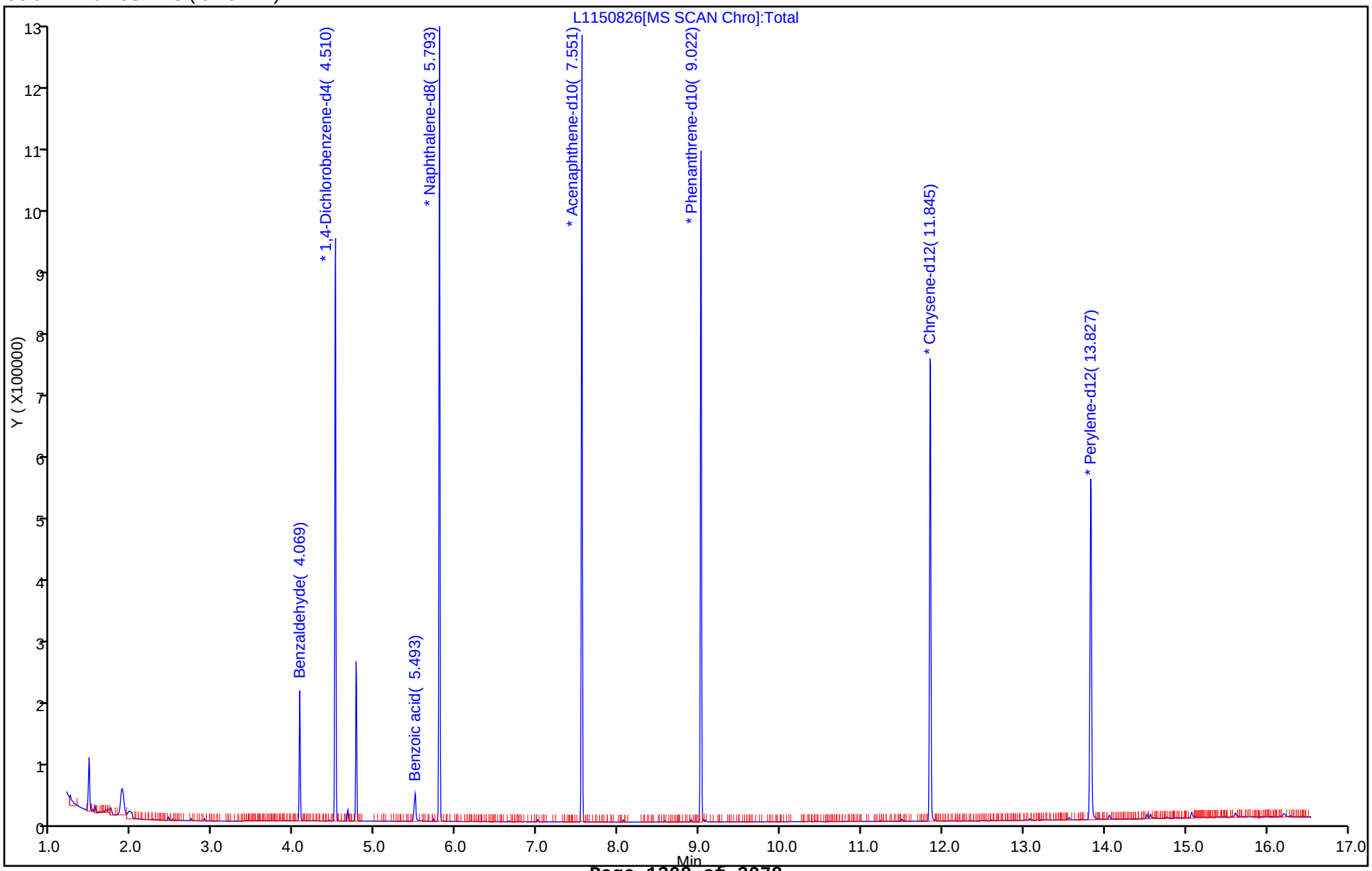
Report Date: 23-Jun-2014 09:18:12 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150826.D

Injection Date:	23-Jun-2014 03:00:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std10			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 09:18:14 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2014 03:25:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-015
Misc. Info.: std5
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:18:13 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 23-Jun-2014 04:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.069	4.075	-0.006	86	19803	5.00	4.87	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	146530	40.0	40.0	
32 Benzoic acid	122	5.481	5.557	-0.076	86	4690	5.00	5.29	
* 35 Naphthalene-d8	136	5.793	5.792	0.001	99	532794	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	284692	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	431530	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	318838	40.0	40.0	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	279419	40.0	40.0	

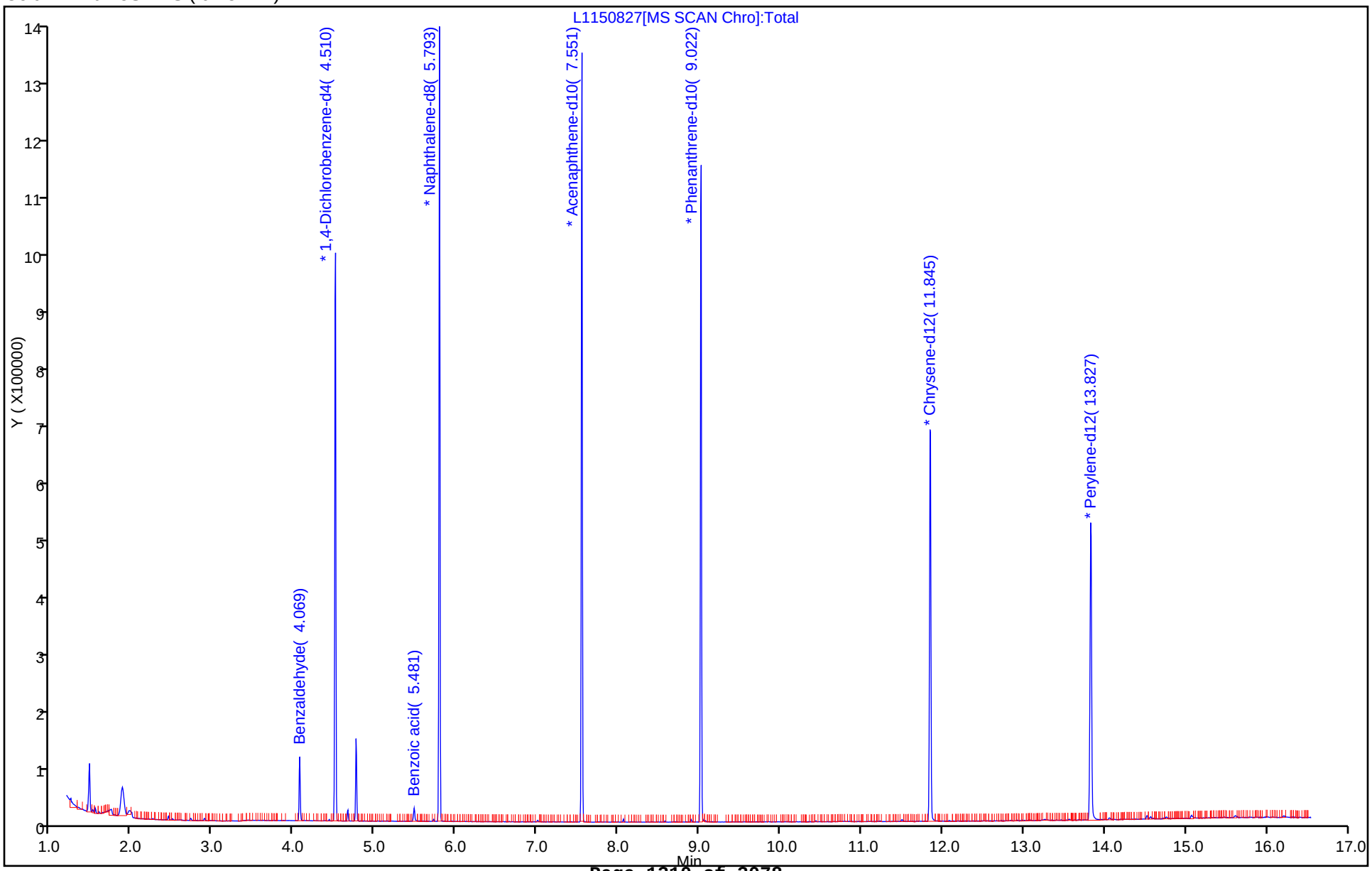
Report Date: 23-Jun-2014 09:18:14 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Injection Date:	23-Jun-2014 03:25:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std5			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-231786/9	C05932.D
Level 2	IC 460-231786/8	C05931.D
Level 3	IC 460-231786/7	C05930.D
Level 4	IC 460-231786/6	C05929.D
Level 5	IC 460-231786/5	C05928.D
Level 6	ICIS 460-231786/2	C05925.D
Level 7	IC 460-231786/4	C05927.D
Level 8	IC 460-231786/3	C05926.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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5096	0.6079	0.6362 0.5853	0.6531	0.6146	Ave		0.6011				8.4		20.0			
N-Nitrosodimethylamine	0.7295	0.8265	0.8311 0.8168	0.8913	0.8355	Ave		0.8218				6.4		20.0			
Pyridine	1.2908	1.4104	1.4210 1.3904	1.5988	1.4240	Ave		1.4226				7.0		20.0			
Aniline	1.8344	1.8445	2.0146 1.3090	2.1244	1.9946	Ave		1.8536				16.0		20.0			
Phenol	1.7162	1.6910	1.8307 1.6138	1.9053	1.8180	Ave		1.7625			0.8000	6.1		20.0			
Bis(2-chloroethyl)ether	1.3444 1.4569	1.5033 1.5964	1.5424 2.0159	1.5924	1.4463	Ave		1.5622			0.7000	13.0		20.0			
n-Decane	1.6124	1.5494	1.8423 1.3952	1.8593	1.7124	Ave		1.6618				11.0		20.0			
2-Chlorophenol	1.3898	1.3775	1.4966 1.3219	1.5722	1.4510	Ave		1.4348			0.8000	6.3		20.0			
1,3-Dichlorobenzene	1.5387	1.4847	1.6782 1.4014	1.7151	1.6118	Ave		1.5717				7.6		20.0			
1,4-Dichlorobenzene	1.5504	1.4923	1.6881 1.3916	1.7377	1.6200	Ave		1.5800				8.1		20.0			
1,2-Dichlorobenzene	1.4575	1.3930	1.6153 1.3395	1.6560	1.5262	Ave		1.4979				8.3		20.0			
Benzyl alcohol	0.8659	0.6737	0.6806 0.6672	0.7389	0.6985	Ave		0.7208				10.0		20.0			
2,2'-oxybis[1-chloropropane]	2.1062	2.0888	2.3058 2.0280	2.3615	2.1885	Ave		2.1798			0.0100	6.0		20.0			
2-Methylphenol	1.2273	1.3292	1.3188 1.2605	1.3781	1.3106	Ave		1.3041			0.7000	4.1		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-propylamine	0.7957 0.8270	0.8738 0.8283	0.9024 0.7944	0.9399	0.8689	Ave		0.8538			0.5000	6.0		20.0			
Acetophenone	1.6894	1.6264	1.8756 1.5614	1.9181	1.7835	Ave		1.7424			0.0100	8.1		20.0			
3 & 4 Methylphenol	1.2521	1.2778	1.3730 1.1645	1.4500	1.3351	Ave		1.3088				7.6		20.0			
4-Methylphenol	1.2438	1.2455	1.2922 1.1592	1.3759	1.2710	Ave		1.2646			0.6000	5.6		20.0			
Hexachloroethane	0.5771 0.6203	0.6204 0.6289	0.6470 0.6128	0.6746	0.6373	Ave		0.6273			0.3000	4.5		20.0			
n,n'-Dimethylaniline	2.1818 2.0386	2.2768 1.8595	2.2625 1.8963	2.1826	2.1425	Ave		2.1051				7.5		20.0			
Nitrobenzene	0.4459 0.4842	0.4870 0.4904	0.5218 0.4900	0.5274	0.5045	Ave		0.4939			0.2000	5.1		20.0			
Isophorone	0.5559	0.5505	0.6020 0.5316	0.6188	0.5739	Ave		0.5721			0.4000	5.8		20.0			
2-Nitrophenol	0.1992	0.1976	0.1927 0.1942	0.2023	0.1947	Ave		0.1968			0.1000	1.8		20.0			
2,4-Dimethylphenol	0.3168	0.3052	0.3185 0.3004	0.3334	0.3143	Ave		0.3148			0.2000	3.7		20.0			
Bis(2-chloroethoxy)methane	0.3940	0.3829	0.4252 0.3788	0.4289	0.3985	Ave		0.4014			0.3000	5.3		20.0			
2,4-Dichlorophenol	0.2826	0.2693	0.2817 0.2625	0.2919	0.2779	Ave		0.2777			0.2000	3.8		20.0			
1,2,4-Trichlorobenzene	0.2963 0.3131	0.3221 0.3044	0.3264 0.2993	0.3330	0.3138	Ave		0.3136				4.2		20.0			
Naphthalene	1.0264	0.9299	1.1439 0.8242	1.1399	1.0554	Ave		1.0200			0.7000	12.0		20.0			
4-Chloroaniline	0.4045	0.3929	0.4265 0.3749	0.4329	0.4182	Ave		0.4083			0.0100	5.4		20.0			
Hexachlorobutadiene	0.1706	0.1726 0.1664	0.1723 0.1620	0.1776	0.1685	Ave		0.1700			0.0100	2.9		20.0			
Caprolactam	0.0623	0.0517	0.0571 0.0475	0.0609	0.0622	Ave		0.0569			0.0100	11.0		20.0			
4-Chloro-3-methylphenol	0.2570	0.2396	0.2693 0.2258	0.2827	0.2576	Ave		0.2553			0.2000	8.0		20.0			
2-Methylnaphthalene	0.6488	0.5850	0.7309 0.5507	0.7266	0.6642	Ave		0.6510			0.4000	11.0		20.0			
1-Methylnaphthalene	0.5996	0.5368	0.6745 0.5081	0.6654	0.6100	Ave		0.5991				11.0		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.3435	0.3841	0.3186 0.4096	0.3460	0.3334	Ave		0.3559			0.0500	9.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6077	0.6186	0.5932 0.6212	0.6142	0.5955	Ave		0.6084			0.0100	1.9		20.0			
2-tertbutyl-4-methylphenol	0.4165	0.3444	0.4412 0.3378	0.4044	0.3878	Ave		0.3887				10.0		20.0			
2,4,6-Trichlorophenol	0.3982	0.3961	0.3456 0.4121	0.3748	0.3717	Ave		0.3831			0.2000	6.2		20.0			
2,4,5-Trichlorophenol	0.3842	0.3860	0.3304 0.3764	0.3591	0.3670	Ave		0.3672			0.2000	5.6		20.0			
Diphenyl	1.5737	1.5091	1.6780 1.4869	1.6881	1.5795	Ave		1.5859			0.0100	5.3		20.0			
2-Chloronaphthalene	1.2313	1.2286	1.2766 1.2135	1.2896	1.2306	Ave		1.2450			0.8000	2.4		20.0			
Phenyl ether	0.8389	0.8219	0.8672 0.8590	0.8227	0.8518	Ave		0.8436				2.2		20.0			
2-Nitroaniline	0.3139	0.3173	0.3218 0.3174	0.3325	0.3184	Ave		0.3202			0.0100	2.0		20.0			
1,3-Dimethylnaphthalene	0.9943	0.9469	1.0550 0.9864	1.0060	1.0133	Ave		1.0003				3.5		20.0			
Dimethyl phthalate	1.0516	0.9966	1.1931 0.9721	1.1611	1.0771	Ave		1.0753			0.0100	8.2		20.0			
Coumarin	0.1643	0.1296	0.1938 0.1281	0.1743	0.1673	Ave		0.1596				16.0		20.0			
2,6-Dinitrotoluene	0.2708	0.2513 0.2558	0.2847 0.2483	0.2928	0.2745	Ave		0.2575			0.2000	4.6		20.0			
Acenaphthylene	1.7538	1.7111	1.9002 1.6717	1.9399	1.8111	Ave		1.7980			0.9000	5.9		20.0			
3-Nitroaniline	0.2719	0.2503	0.2878 0.2409	0.2943	0.2755	Ave		0.2701			0.0100	7.7		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8894	0.8055	0.9763 0.8499	0.8249	0.8244	Ave		0.8617				7.3		20.0			
Acenaphthene	1.1097	1.0422	1.2254 1.0158	1.2004	1.1045	Ave		1.1163			0.9000	7.5		20.0			
2,4-Dinitrophenol	0.1229	0.1219	0.0203 0.1260	0.0717	0.0969	Lin2	-0.222	0.1294			0.0100				0.9990		0.9900
2,4-Dinitrotoluene	0.2928	0.2773 0.2632	0.3240 0.2554	0.3280	0.2991	Ave		0.2737			0.2000	7.0		20.0			
Dibenzofuran	1.4795	1.3725	1.6795 1.3343	1.6702	1.4926	Ave		1.5048			0.8000	9.6		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.1463	0.1328	0.1109 0.1331	0.1325	0.1365	Lin2	-0.053	0.1406			0.0100				0.9970		0.9900
2,3,4,6-Tetrachlorophenol	0.2548	0.2396	0.2260 0.2362	0.2543	0.2455	Ave		0.2427			0.0100	4.6		20.0			
Diethyl phthalate	0.9581	0.8523	1.1533 0.8305	1.0676	0.9659	Ave		0.9713			0.0100	13.0		20.0			
4-Chlorophenyl phenyl ether	0.5197	0.4848	0.5973 0.4748	0.5896	0.5355	Ave		0.5336			0.4000	9.6		20.0			
Fluorene	1.1248	1.0186	1.3111 0.9846	1.2789	1.1593	Ave		1.1462			0.9000	12.0		20.0			
4,6-Dinitro-2-methylphenol	0.1257	0.1259	0.0658 0.1311	0.0983	0.1106	Lin2	-0.132	0.1311			0.0100				1.0000		0.9900
4-Nitroaniline	0.1932	0.1718	0.1887 0.1418	0.2044	0.1944	Ave		0.1824			0.0100	12.0		20.0			
N-Nitrosodiphenylamine	0.6735	0.6299	0.6829 0.6434	0.6294	0.6625	Ave		0.6536			0.0100	3.5		20.0			
1,2-Diphenylhydrazine	1.0928	1.1306	0.9918 1.1396	1.0194	1.0014	Ave		1.0626				6.3		20.0			
4-Bromophenyl phenyl ether	0.2563	0.2566	0.2502 0.2590	0.2600	0.2523	Ave		0.2557			0.1000	1.5		20.0			
Hexachlorobenzene	0.2582 0.2800	0.2641 0.2841	0.2846 0.2852	0.2922	0.2792	Ave		0.2742			0.1000	4.5		20.0			
Atrazine	0.1706	0.1441	0.1703 0.1497	0.1636	0.1677	Ave		0.1610			0.0100	7.0		20.0			
Pentachloronitrobenzene	0.0814	0.0750	0.0775 0.0806	0.0764	0.0797	Ave		0.0784				3.2		20.0			
Pentachlorophenol	0.1104	0.1027	0.0616 0.1060	0.0750	0.0869	Lin2	-0.098	0.1065			0.0500				0.9940		0.9900
n-Octadecane	0.7720	0.7941	0.6985 0.8149	0.7221	0.7235	Ave		0.7542				6.1		20.0			
Phenanthrene	1.0838	1.0195	1.2124 1.0039	1.1821	1.0963	Ave		1.0997			0.7000	7.6		20.0			
Anthracene	1.0572	1.0067	1.1698 0.9780	1.1499	1.0805	Ave		1.0737			0.7000	7.1		20.0			
Carbazole	0.8005	0.7548	0.8894 0.7389	0.8801	0.8278	Ave		0.8152			0.0100	7.7		20.0			
Di-n-butyl phthalate	0.9105	0.8502	0.8643 0.8677	0.9101	0.8643	Ave		0.8778			0.0100	2.9		20.0			
Fluoranthene	0.7366	0.6779	0.8263 0.6744	0.7970	0.7335	Ave		0.7409			0.6000	8.3		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.1308	0.1451	0.1411 0.1612	0.1280	0.1376	Ave		0.1406				8.5		20.0			
Pyrene	1.6970	1.4890	2.3192 1.3625	2.2501	1.9858	Qua	0.9611	1.7487	-0.018		0.6000				0.9990		0.9900
Butyl benzyl phthalate	0.5719	0.5515	0.4854 0.5436	0.5197	0.5257	Ave		0.5330			0.0100	5.6		20.0			
2,3,7,8-TCDD	0.1548					Ave		0.1548						20.0			
Carbamazepine	0.3185	0.3517	0.2096 0.3893	0.2286	0.2748	Qua	-0.106	0.2843	0.0046						1.0000		0.9900
3,3'-Dichlorobenzidine	0.3520	0.3490	0.2935 0.3644	0.3019	0.3438	Ave		0.3341			0.0100	8.7		20.0			
Bis(2-ethylhexyl) phthalate	0.7039	0.7125	0.5449 0.7207	0.5941	0.6157	Ave		0.6486			0.0100	11.0		20.0			
Benzo[a]anthracene	1.0608 1.0480	1.0892 1.0033	1.0751 0.9983	1.0715	1.0396	Ave		1.0382			0.8000	3.7		20.0			
Chrysene	0.9262	0.9185	0.9794 0.8992	0.9810	0.9161	Ave		0.9367			0.7000	3.7		20.0			
Di-n-octyl phthalate	1.3815	1.3476	1.2098 1.3464	1.2371	1.2315	Ave		1.2923			0.0100	5.7		20.0			
Benzo[b]fluoranthene	0.9075 1.1298	0.9351 1.0650	1.0971 1.0884	1.1236	1.0546	Ave		1.0101			0.7000	8.2		20.0			
Benzo[k]fluoranthene	0.9288 1.1269	1.0698 1.1197	1.1096 1.0782	1.1118	1.0672	Ave		1.0527			0.7000	6.9		20.0			
Benzo[a]pyrene	0.8782 1.0358	0.8615 1.0193	0.9323 1.0195	0.9982	0.9758	Ave		0.9508			0.7000	8.0		20.0			
Indeno[1,2,3-cd]pyrene	0.7869 1.1389	0.8914 1.1501	0.9601 1.2208	1.0100	1.0476	Lin2	-0.038	1.1353			0.5000				0.9960		0.9900
Dibenz(a,h)anthracene	0.8815 1.0717	0.8277 1.1202	1.0328 1.1628	1.0664	1.0609	Ave		1.0106			0.4000	15.0		20.0			
Benzo[g,h,i]perylene	1.0665	1.1332	1.0229 1.2328	1.0564	1.0323	Ave		1.0907			0.5000	7.3		20.0			
2-Fluorophenol	1.3140	1.3656	1.3763 1.2609	1.4352	1.4021	Ave		1.3590				4.6		20.0			
Phenol-d5	1.5266	1.5111	1.6674 1.4089	1.7078	1.6369	Ave		1.5765				7.2		20.0			
Nitrobenzene-d5	0.3383 0.3531	0.3368 0.3596	0.3665 0.3398	0.3685	0.3546	Ave		0.3521				3.6		20.0			
2-Fluorobiphenyl	1.4210 1.4289	1.3882 1.4280	1.4715 1.3655	1.4544	1.4119	Ave		1.4029				1.8		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1688	0.1562	0.1715 0.1469	0.1680	0.1610	Ave		0.1620				5.8		20.0			
Terphenyl-d14	1.3327 1.1023	1.2784 1.0100	1.4312 0.9248	1.3303	1.2444	Ave		1.1580				15.0		20.0			

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.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-231786/9	C05932.D
Level 2	IC 460-231786/8	C05931.D
Level 3	IC 460-231786/7	C05930.D
Level 4	IC 460-231786/6	C05929.D
Level 5	IC 460-231786/5	C05928.D
Level 6	ICIS 460-231786/2	C05925.D
Level 7	IC 460-231786/4	C05927.D
Level 8	IC 460-231786/3	C05926.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	1098506	2060782	128098 2857216	289381	548242	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	1572643	2801865	167331 3987257	394900	745194	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	2782654	4781118	286124 6786847	708384	1270202	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	3954560	6252515	405644 6389444	941258	1779119	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	3699877	5732364	368601 7877519	844173	1621575	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	31385 3140850	69687 5411521	310564 9840154	705524	1290022	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	Ave	3475957	5252371	370938 6810640	823804	1527388	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	2996261	4669684	301340 6452735	696570	1294214	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	3317132	5033108	337905 6840822	759892	1437649	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	3342465	5058845	339888 6792645	769925	1444990	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Ave	3142168	4721975	325245 6538487	733719	1361361	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	1866660	2283899	137033 3256860	327362	623013	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	4540617	7080816	464263 9899483	1046319	1952031	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	2645855	4505982	265539 6152942	610591	1169053	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCB	Ave	18575 1782961	40507 2807845	181691 3877899	416424	775036	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Acetophenone	DCB	Ave	3641957	5513415	377650 7621605	849851	1590856	10.0	16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	2699374	4331674	276451 5684147	642433	1190881	10.0	16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	2681434	4221998	260175 5658443	609625	1133688	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	13472 1337296	28758 2131761	130271 2991357	298898	568414	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	Ave	50934 4394797	105545 6303390	455545 9256470	967031	1911066	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	38939 3779989	86876 6006631	390074 8436005	878791	1678739	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	4339651	6743045	449983 9152677	1031070	1909801	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	1555103	2420128	144055 3343675	337132	647833	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	2473204	3738712	238090 5171966	555613	1045906	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	3075897	4689954	317869 6520594	714703	1326090	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	2206454	3299105	210604 4519106	486424	924768	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	25876 2444133	57465 3728064	244013 5153297	554811	1044154	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	8012572	11389804	855086 14189587	1899530	3511798	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	3157905	4812359	318824 6454733	721301	1391533	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	1331697	30783 2037682	128823 2789605	295946	560809	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Caprolactam	NPT	Ave	486103	632860	42688 817085	101512	206916	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	2006357	2935217	201300 3887839	471013	857173	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	5065107	7165921	546348 9480054	1210713	2210127	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	4680880	6574673	504218 8748112	1108850	2029733	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	1189098	1865083	116419 2626239	275427	503328	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	2103542	3003989	216747 3983256	488856	898976	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	3251494	4218676	329766 5815840	673888	1290460	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	1378415	1923273	126291 2642245	298315	561093	10.0	16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	1329861	1874499	120714 2413467	285794	554065	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	5447442	7328139	613138 9533735	1343606	2384290	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	4262224	5966072	466462 7780872	1026429	1857666	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	2903773	3991280	316861 5507595	654848	1285831	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	1086507	1540998	117585 2035094	264613	480643	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	3441732	4598066	385485 6324814	800692	1529590	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	3640215	4839463	435952 6233082	924177	1626015	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	1282931	1587621	144841 2204832	290517	556776	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	937309	22158 1242016	104032 1591914	233042	414317	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	6070865	8309197	694319 10718182	1544041	2733976	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	941293	1215357	105143 1544635	234270	415885	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	3078658	3911615	356739 5449159	656541	1244455	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	3841118	5061079	447757 6513294	955421	1667287	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Lin2	850974	1183635	14835 1615512	114094	292681	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	1013458	24450 1278180	118393 1637418	261047	451443	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	5121398	6665156	613656 8555196	1329370	2253152	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitrophenol	ANT	Lin2	1013057	1290051	81058 1706203	210971	412009	20.0	32.0	2.00 48.0	4.00	8.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	881857	1163299	82582 1514563	202399	370629	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	3316592	4138939	421417 5324905	849724	1458080	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	1798764	2354203	218253 3044524	469291	808354	10.0	16.0	1.00 24.0	2.00	4.00
Fluorene	ANT	Ave	3893543	4946580	479082 6313052	1017928	1750107	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Lin2	971623	1255594	60863 1685708	188544	384246	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitroaniline	ANT	Ave	668752	834076	68956 909192	162680	293500	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodiphenylamine	PHN	Ave	2603391	3140407	315946 4136162	603577	1150587	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	4223770	5636977	458830 7325523	977564	1739272	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	990635	1279235	115776 1664841	249345	438189	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	14302 1082432	29949 1416484	131671 1833474	280236	484947	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Atrazine	PHN	Ave	659322	718660	78799 962617	156908	291238	10.0	16.0	1.00 24.0	2.00	4.00
Pentachloronitrobenzene	PHN	Ave	314538	373965	35849 518415	73258	138500	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Lin2	853285	1023815	56963 1363270	143781	301992	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Ave	2984161	3959058	323160 5238121	692451	1256622	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	4189039	5083107	560925 6453645	1133619	1904101	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	4086207	5019225	541181 6286742	1102765	1876659	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	3094068	3763334	411456 4749964	843953	1437707	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	3519233	4238665	399848 5577577	872722	1501173	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	2847210	3379810	382260 4335029	764278	1273943	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	505515	723616	65279 1036482	122747	239006	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Qua	2752914	3248778	362013 4134643	727197	1190071	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	927784	1203314	75763 1649624	167953	315023	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2511					0.100				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 03:53 Calibration End Date: 06/20/2014 07:20 Calibration ID: 40225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Qua	516732	767439	32723 1181308	73884	164666	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	570959	761514	45814 1105762	97581	206033	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1141835	1554511	85057 2186967	192010	368995	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	18732 1700181	41803 2189148	167815 3029338	346308	622997	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1502545	2004193	152881 2728736	317037	549019	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	1766355	2619582	127504 3788919	294805	588748	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	11304 1444560	23511 2070162	115623 3062865	267774	504171	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	11569 1440821	26897 2176639	116944 3034116	264958	510182	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	10938 1324390	21659 1981346	98252 2868822	237887	466484	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Lin2	9801 1456230	22412 2235706	101189 3435481	240683	500797	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	10980 1370218	20809 2177595	108852 3272050	254134	507187	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	1363614	2202781	107805 3469124	251749	493492	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCB	Ave	2832795	4629302	277120 6155085	635903	1250657	10.0	16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCB	Ave	3290975	5122475	335735 6877322	756664	1460074	10.0	16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	29544 2756769	60078 4404522	273970 5849396	613965	1179935	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	61915 4946114	122386 6934274	537689 8754879	1157580	2131341	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	584153	758340	62650 941642	133702	243114	10.0	16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	23535 1788280	49064 2203650	223408 2806277	429950	745735	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Report Date: 23-Jun-2014 19:57:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05925.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 20-Jun-2014 03:53:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-002
Misc. Info.: ICIS
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 19:57:33 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: szczecha Date: 23-Jun-2014 19:48:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.130	2.130	0.000	99	1098506	10.0	8.48	
	2 N-Nitrosodimethylamine	74	2.295	2.295	0.000	80	1572643	10.0	8.88	
	3 Pyridine	79	2.330	2.330	0.000	83	2782654	10.0	9.07	
$	4 2-Fluorophenol	112	3.201	3.201	0.000	96	2832795	10.0	9.67	
	8 Aniline	93	4.042	4.042	0.000	91	3954560	10.0	9.90	
$	6 Phenol-d5	99	4.048	4.048	0.000	78	3290975	10.0	9.68	
	7 Phenol	94	4.059	4.059	0.000	97	3699877	10.0	9.74	
	9 Bis(2-chloroethyl)ether	93	4.089	4.089	0.000	88	3140850	10.0	9.33	
	125 Benzonitrile	103	4.124	4.124	0.000	99	5447672	NC	NC	
	11 n-Decane	43	4.148	4.148	0.000	92	3475957	10.0	9.70	
	10 2-Chlorophenol	128	4.159	4.159	0.000	95	2996261	10.0	9.69	
	12 1,3-Dichlorobenzene	146	4.283	4.283	0.000	95	3317132	10.0	9.79	
*	13 1,4-Dichlorobenzene-d4	152	4.336	4.336	0.000	96	1724654	8.00	8.00	
	14 1,4-Dichlorobenzene	146	4.353	4.353	0.000	94	3342465	10.0	9.81	
	16 1,2-Dichlorobenzene	146	4.512	4.512	0.000	94	3142168	10.0	9.73	
	15 Benzyl alcohol	108	4.512	4.512	0.000	83	1866660	10.0	12.0	
	18 2,2'-oxybis[1-chloropropan	45	4.606	4.606	0.000	90	4540617	10.0	9.66	
	17 2-Methylphenol	108	4.642	4.642	0.000	89	2645855	10.0	9.41	
	20 N-Nitrosodi-n-propylamine	70	4.759	4.759	0.000	91	1782961	10.0	9.69	
	19 Acetophenone	105	4.765	4.765	0.000	91	3641957	10.0	9.70	
	126 N-Methylaniline	106	4.748	4.748	0.000	75	3961573	NC	NC	
	21 4-Methylphenol	108	4.800	4.800	0.000	95	2681434	10.0	9.84	
	22 3 & 4 Methylphenol	108	4.800	4.800	0.000	20	2699374	10.0	9.57	
	24 Hexachloroethane	117	4.842	4.842	0.000	95	1337296	10.0	9.89	
$	25 Nitrobenzene-d5	82	4.918	4.918	0.000	88	2756769	10.0	10.0	
	27 n,n'-Dimethylaniline	120	4.924	4.924	0.000	98	4394797	10.0	9.68	
	26 Nitrobenzene	77	4.936	4.936	0.000	94	3779989	10.0	9.80	
	28 Isophorone	82	5.171	5.171	0.000	99	4339651	10.0	9.72	
	29 2-Nitrophenol	139	5.248	5.248	0.000	94	1555103	10.0	10.1	
	30 2,4-Dimethylphenol	122	5.318	5.318	0.000	92	2473204	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.383	5.383	0.000	99	3075897	10.0	9.82	
33 2,4-Dichlorophenol	162	5.500	5.500	0.000	96	2206454	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	5.559	5.559	0.000	92	2444133	10.0	9.98	
* 35 Naphthalene-d8	136	5.618	5.618	0.000	100	6245301	8.00	8.00	
36 Naphthalene	128	5.642	5.642	0.000	94	8012572	10.0	10.1	
37 4-Chloroaniline	127	5.724	5.724	0.000	96	3157905	10.0	9.91	
38 Hexachlorobutadiene	225	5.759	5.759	0.000	93	1331697	10.0	10.0	
39 Caprolactam	113	6.142	6.142	0.000	92	486103	10.0	10.9	
40 4-Chloro-3-methylphenol	107	6.242	6.242	0.000	93	2006357	10.0	10.1	
41 2-Methylnaphthalene	142	6.330	6.330	0.000	86	5065107	10.0	9.97	
42 1-Methylnaphthalene	142	6.430	6.430	0.000	91	4680880	10.0	10.0	
43 Hexachlorocyclopentadiene	237	6.489	6.489	0.000	94	1189098	10.0	9.65	
44 1,2,4,5-Tetrachlorobenzene	216	6.494	6.494	0.000	95	2103542	10.0	9.99	
45 2-tertbutyl-4-methylphenol	149	6.553	6.553	0.000	90	3251494	10.0	10.7	
46 2,4,6-Trichlorophenol	196	6.630	6.630	0.000	88	1378415	10.0	10.4	
47 2,4,5-Trichlorophenol	196	6.683	6.683	0.000	93	1329861	10.0	10.5	
$ 48 2-Fluorobiphenyl	172	6.700	6.700	0.000	96	4946114	10.0	10.1	
49 1,1'-Biphenyl	154	6.794	6.794	0.000	96	5447442	10.0	9.92	
50 2-Chloronaphthalene	162	6.818	6.818	0.000	96	4262224	10.0	9.89	
53 Phenyl ether	170	6.900	6.900	0.000	86	2903773	10.0	9.94	
54 2-Nitroaniline	65	6.953	6.953	0.000	96	1086507	10.0	9.80	
55 1,3-Dimethylnaphthalene	156	7.024	7.024	0.000	89	3441732	10.0	9.94	
56 Dimethyl phthalate	163	7.124	7.124	0.000	95	3640215	10.0	9.78	
57 Coumarin	146	7.147	7.147	0.000	77	1282931	10.0	10.3	
58 2,6-Dinitrotoluene	165	7.177	7.177	0.000	80	937309	10.0	10.1	
59 Acenaphthylene	152	7.230	7.230	0.000	95	6070865	10.0	9.75	
* 61 Acenaphthene-d10	164	7.365	7.365	0.000	94	2769170	8.00	8.00	
60 3-Nitroaniline	138	7.365	7.365	0.000	92	941293	10.0	10.1	
63 3,5-di-tert-butyl-4-hydrox	205	7.371	7.371	0.000	96	3078658	10.0	10.3	
62 Acenaphthene	154	7.394	7.394	0.000	96	3841118	10.0	9.94	
64 2,4-Dinitrophenol	184	7.447	7.447	0.000	97	850974	20.0	20.7	
66 Dibenzofuran	168	7.565	7.565	0.000	90	5121398	10.0	9.83	
67 2,4-Dinitrotoluene	165	7.571	7.571	0.000	64	1013458	10.0	10.0	
65 4-Nitrophenol	65	7.577	7.577	0.000	95	1013057	20.0	21.2	
68 2,3,4,6-Tetrachlorophenol	232	7.706	7.706	0.000	93	881857	10.0	10.5	
69 Diethyl phthalate	149	7.800	7.800	0.000	95	3316592	10.0	9.86	
71 4-Chlorophenyl phenyl ethe	204	7.894	7.894	0.000	79	1798764	10.0	9.74	
70 Fluorene	166	7.900	7.900	0.000	84	3893543	10.0	9.81	
73 4,6-Dinitro-2-methylphenol	198	7.971	7.971	0.000	83	971623	20.0	20.2	
72 4-Nitroaniline	138	7.983	7.983	0.000	89	668752	10.0	10.6	
74 N-Nitrosodiphenylamine	169	8.024	8.024	0.000	61	2603391	10.0	10.3	
75 1,2-Diphenylhydrazine	77	8.053	8.053	0.000	98	4223770	10.0	10.3	
$ 76 2,4,6-Tribromophenol	330	8.147	8.147	0.000	94	584153	10.0	10.4	
77 4-Bromophenyl phenyl ether	248	8.371	8.371	0.000	86	990635	10.0	10.0	
78 Hexachlorobenzene	284	8.441	8.441	0.000	98	1082432	10.0	10.1	
79 Atrazine	200	8.553	8.553	0.000	90	659322	10.0	10.6	
81 Pentachloronitrobenzene	237	8.647	8.647	0.000	82	314538	10.0	10.4	
121 Pentachlorophenol	266	8.653	8.653	0.000	90	853285	20.0	21.7	
82 n-Octadecane	57	8.671	8.671	0.000	94	2984161	10.0	10.2	
* 83 Phenanthrene-d10	188	8.818	8.818	0.000	99	3092204	8.00	8.00	
84 Phenanthrene	178	8.841	8.841	0.000	99	4189039	10.0	9.86	
85 Anthracene	178	8.888	8.888	0.000	96	4086207	10.0	9.85	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.065	9.065	0.000	83	3094068	10.0	9.82	
87 Di-n-butyl phthalate	149	9.371	9.371	0.000	100	3519233	10.0	10.4	
88 Fluoranthene	202	10.000	10.000	0.000	97	2847210	10.0	9.94	
122 Benzidine	184	10.147	10.147	0.000	99	505515	10.0	9.30	
90 Pyrene	202	10.224	10.224	0.000	96	2752914	10.0	10.2	
$ 91 Terphenyl-d14	244	10.365	10.365	0.000	99	1788280	10.0	9.13	
92 Butyl benzyl phthalate	149	10.882	10.882	0.000	97	927784	10.0	10.7	
108 2,3,7,8-TCDD	320	11.000	11.000	0.000	61	2511	0.1000	0.1000	
93 Carbamazepine	193	11.047	11.047	0.000	91	516732	10.0	9.98	
94 3,3'-Dichlorobenzidine	252	11.529	11.529	0.000	91	570959	10.0	10.5	
98 Bis(2-ethylhexyl) phthalat	149	11.535	11.535	0.000	89	1141835	10.0	10.9	
95 Benzo[a]anthracene	228	11.541	11.541	0.000	99	1700181	10.0	10.0	
* 96 Chrysene-d12	240	11.553	11.553	0.000	98	1297803	8.00	8.00	
97 Chrysene	228	11.582	11.582	0.000	95	1502545	10.0	9.89	
99 Di-n-octyl phthalate	149	12.359	12.359	0.000	97	1766355	10.0	10.7	
100 Benzo[b]fluoranthene	252	12.923	12.923	0.000	97	1444560	10.0	10.8	
101 Benzo[k]fluoranthene	252	12.959	12.959	0.000	98	1440821	10.0	10.5	
102 Benzo[a]pyrene	252	13.365	13.365	0.000	94	1324390	10.0	10.7	
* 103 Perylene-d12	264	13.447	13.447	0.000	96	1022878	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.876	14.876	0.000	97	1456230	10.0	10.4	M
105 Dibenz(a,h)anthracene	278	14.900	14.900	0.000	94	1370218	10.0	10.4	
106 Benzo[g,h,i]perylene	276	15.223	15.223	0.000	91	1363614	10.0	9.78	
S 119 Total Cresols	1				0			19.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

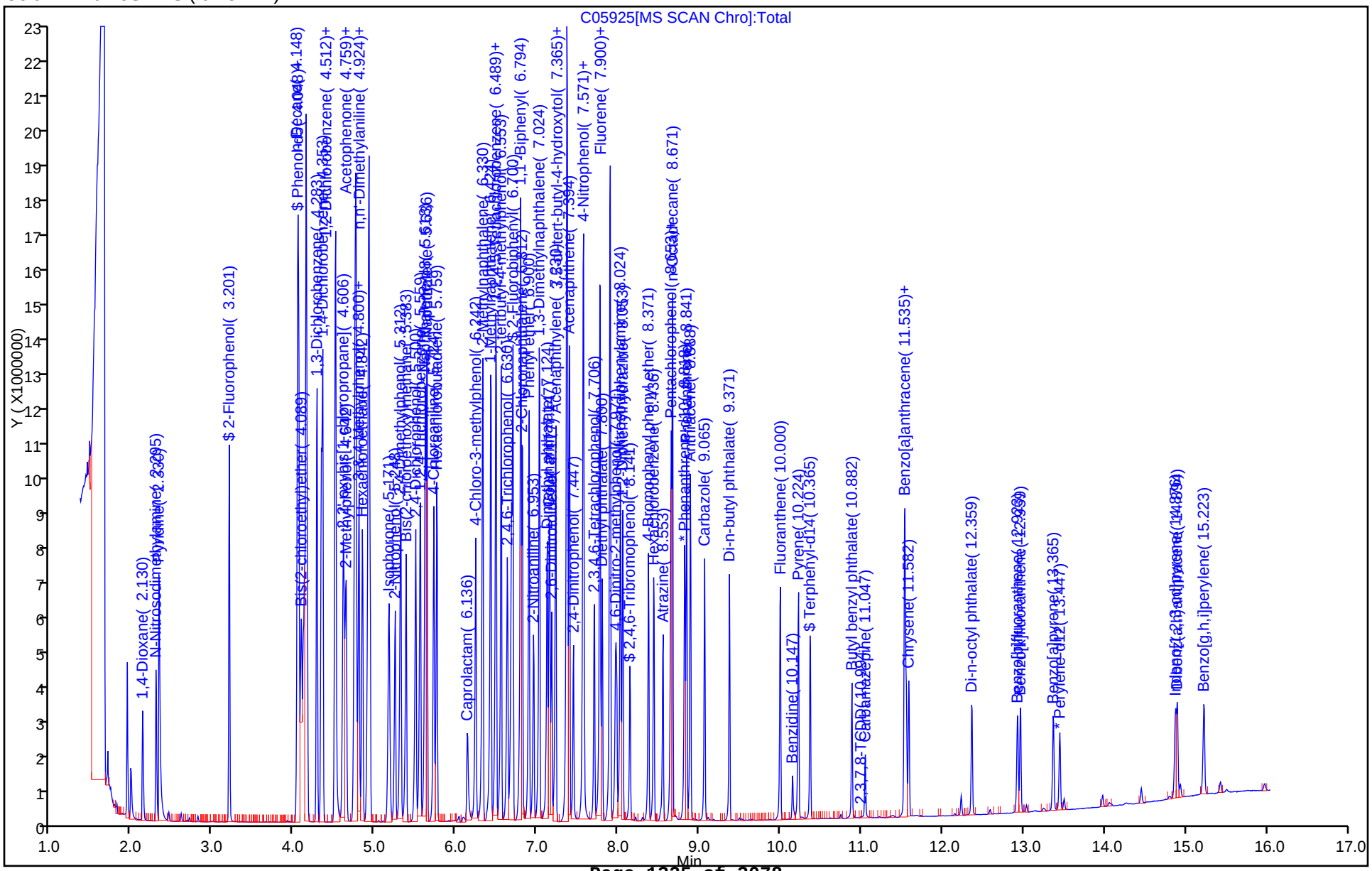
Report Date: 23-Jun-2014 19:57:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05925.D

Injection Date:	20-Jun-2014 03:53:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

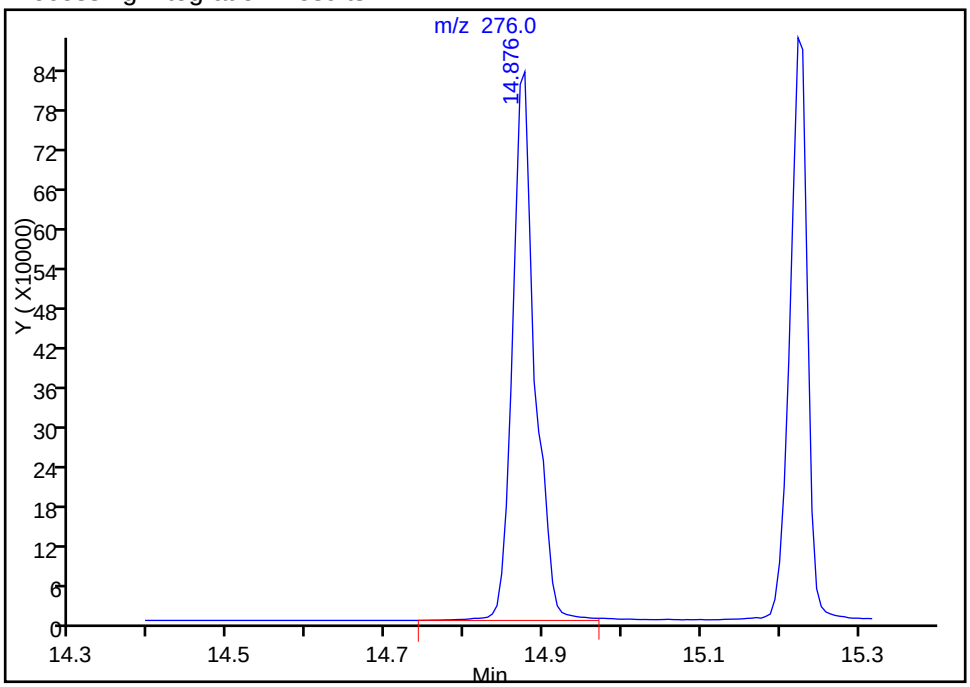
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05925.D
Injection Date: 20-Jun-2014 03:53:30 Instrument ID: CBNAMS13
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

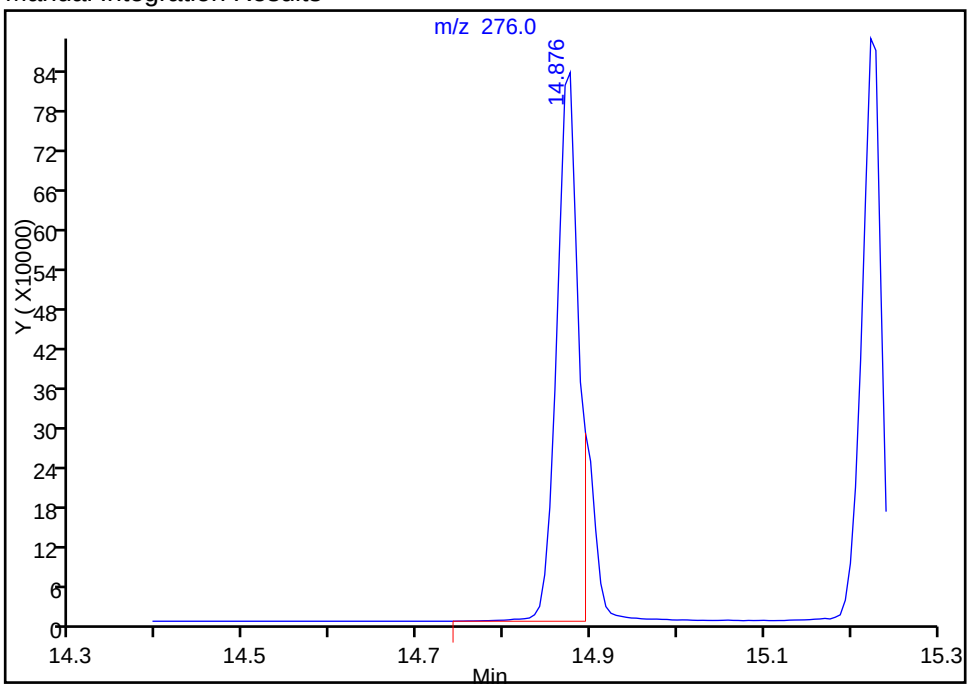
Processing Integration Results

RT: 14.88
Response: 1637543
Amount: 10.970206



Manual Integration Results

RT: 14.88
Response: 1456230
Amount: 10.399976



Reviewer: szczecha, 23-Jun-2014 19:49:40
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 23-Jun-2014 19:50:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Jun-2014 04:57:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-003
Misc. Info.: STD24
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 19:50:14 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: zhaoc Date: 22-Jun-2014 08:57:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.110	2.130	-0.020	16	2857216	24.0	23.4	M
2 N-Nitrosodimethylamine	74	2.287	2.295	-0.008	83	3987257	24.0	23.9	
3 Pyridine	79	2.310	2.330	-0.020	84	6786847	24.0	23.5	
$ 4 2-Fluorophenol	112	3.199	3.201	-0.002	93	6155085	24.0	22.3	
8 Aniline	93	4.046	4.042	0.004	0	6389444	24.0	16.9	M
$ 6 Phenol-d5	99	4.063	4.048	0.015	87	6877322	24.0	21.4	
7 Phenol	94	4.081	4.059	0.022	97	7877519	24.0	22.0	
9 Bis(2-chloroethyl)ether	93	4.081	4.089	-0.008	24	9840154	24.0	31.0	M
125 Benzonitrile	103	4.151	4.124	0.027	97	11501000	NC	NC	
11 n-Decane	43	4.151	4.148	0.003	91	6810640	24.0	20.1	
10 2-Chlorophenol	128	4.175	4.159	0.016	94	6452735	24.0	22.1	
12 1,3-Dichlorobenzene	146	4.287	4.283	0.004	92	6840822	24.0	21.4	
* 13 1,4-Dichlorobenzene-d4	152	4.340	4.336	0.004	96	1627115	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.357	4.353	0.004	93	6792645	24.0	21.1	
16 1,2-Dichlorobenzene	146	4.516	4.512	0.004	94	6538487	24.0	21.5	
15 Benzyl alcohol	108	4.534	4.512	0.022	93	3256860	24.0	22.2	
18 2,2'-oxybis[1-chloropropan	45	4.610	4.606	0.004	92	9899483	24.0	22.3	
17 2-Methylphenol	108	4.657	4.642	0.015	89	6152942	24.0	23.2	
126 N-Methylaniline	106	4.763	4.795	-0.032	74	8743989	NC	NC	
20 N-Nitrosodi-n-propylamine	70	4.781	4.759	0.022	90	3877899	24.0	22.3	
19 Acetophenone	105	4.781	4.765	0.016	93	7621605	24.0	21.5	
21 4-Methylphenol	108	4.822	4.800	0.022	92	5658443	24.0	22.0	
22 3 & 4 Methylphenol	108	4.822	4.800	0.022	36	5684147	24.0	21.4	
24 Hexachloroethane	117	4.845	4.842	0.003	94	2991357	24.0	23.4	
$ 25 Nitrobenzene-d5	82	4.934	4.918	0.016	85	5849396	24.0	23.2	
27 n,n'-Dimethylaniline	120	4.934	4.924	0.010	91	9256470	24.0	21.6	
26 Nitrobenzene	77	4.951	4.936	0.015	95	8436005	24.0	23.8	
28 Isophorone	82	5.193	5.171	0.021	99	9152677	24.0	22.3	
29 2-Nitrophenol	139	5.257	5.248	0.009	91	3343675	24.0	23.7	
30 2,4-Dimethylphenol	122	5.328	5.318	0.010	88	5171966	24.0	22.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.392	5.383	0.009	98	6520594	24.0	22.6	
33 2,4-Dichlorophenol	162	5.510	5.500	0.010	95	4519106	24.0	22.7	
34 1,2,4-Trichlorobenzene	180	5.563	5.559	0.004	94	5153297	24.0	22.9	
* 35 Naphthalene-d8	136	5.622	5.618	0.004	99	5738579	8.00	8.00	
36 Naphthalene	128	5.640	5.642	-0.002	98	14189587	24.0	19.4	
37 4-Chloroaniline	127	5.734	5.724	0.010	95	6454733	24.0	22.0	
38 Hexachlorobutadiene	225	5.763	5.759	0.004	92	2789605	24.0	22.9	
39 Caprolactam	113	6.169	6.142	0.027	92	817085	24.0	20.0	
40 4-Chloro-3-methylphenol	107	6.251	6.242	0.009	97	3887839	24.0	21.2	
41 2-Methylnaphthalene	142	6.334	6.330	0.004	81	9480054	24.0	20.3	
42 1-Methylnaphthalene	142	6.434	6.430	0.004	93	8748112	24.0	20.4	
43 Hexachlorocyclopentadiene	237	6.492	6.489	0.003	90	2626239	24.0	26.7	
44 1,2,4,5-Tetrachlorobenzene	216	6.498	6.494	0.004	93	3983256	24.0	24.4	
45 2-tertbutyl-4-methylphenol	149	6.563	6.553	0.010	88	5815840	24.0	20.9	
46 2,4,6-Trichlorophenol	196	6.639	6.630	0.009	87	2642245	24.0	25.1	
47 2,4,5-Trichlorophenol	196	6.692	6.683	0.009	92	2413467	24.0	23.9	
$ 48 2-Fluorobiphenyl	172	6.704	6.700	0.004	95	8754879	24.0	23.3	
49 1,1'-Biphenyl	154	6.804	6.794	0.010	95	9533735	24.0	23.2	
50 2-Chloronaphthalene	162	6.822	6.818	0.004	94	7780872	24.0	23.8	
53 Phenyl ether	170	6.904	6.900	0.004	84	5507595	24.0	24.5	
54 2-Nitroaniline	65	6.963	6.953	0.010	97	2035094	24.0	24.0	
55 1,3-Dimethylnaphthalene	156	7.034	7.024	0.010	88	6324814	24.0	24.0	
56 Dimethyl phthalate	163	7.134	7.124	0.010	93	6233082	24.0	22.8	
57 Coumarin	146	7.157	7.147	0.010	77	2204832	24.0	20.9	
58 2,6-Dinitrotoluene	165	7.186	7.177	0.009	73	1591914	24.0	22.9	
59 Acenaphthylene	152	7.234	7.230	0.004	95	10718182	24.0	23.1	
* 61 Acenaphthene-d10	164	7.363	7.365	-0.002	89	2137237	8.00	8.00	
60 3-Nitroaniline	138	7.375	7.365	0.010	68	1544635	24.0	22.3	
63 3,5-di-tert-butyl-4-hydrox	205	7.375	7.371	0.004	97	5449159	24.0	24.2	
62 Acenaphthene	154	7.404	7.394	0.010	96	6513294	24.0	22.8	
64 2,4-Dinitrophenol	184	7.457	7.447	0.010	97	1615512	48.0	51.7	
66 Dibenzofuran	168	7.575	7.565	0.010	91	8555196	24.0	22.6	
67 2,4-Dinitrotoluene	165	7.575	7.571	0.004	72	1637418	24.0	22.1	
65 4-Nitrophenol	65	7.586	7.577	0.009	96	1706203	48.0	46.8	
68 2,3,4,6-Tetrachlorophenol	232	7.710	7.706	0.004	93	1514563	24.0	23.2	
69 Diethyl phthalate	149	7.810	7.800	0.010	93	5324905	24.0	22.1	
71 4-Chlorophenyl phenyl ethe	204	7.898	7.894	0.004	78	3044524	24.0	22.6	
70 Fluorene	166	7.904	7.900	0.004	83	6313052	24.0	22.0	
73 4,6-Dinitro-2-methylphenol	198	7.975	7.971	0.004	69	1685708	48.0	51.0	
72 4-Nitroaniline	138	7.992	7.983	0.009	66	909192	24.0	19.4	
74 N-Nitrosodiphenylamine	169	8.033	8.024	0.009	68	4136162	24.0	23.7	
75 1,2-Diphenylhydrazine	77	8.057	8.053	0.004	98	7325523	24.0	25.1	
$ 76 2,4,6-Tribromophenol	330	8.145	8.147	-0.002	94	941642	24.0	22.3	
77 4-Bromophenyl phenyl ether	248	8.375	8.371	0.004	85	1664841	24.0	24.3	
78 Hexachlorobenzene	284	8.439	8.441	-0.002	98	1833474	24.0	24.9	
79 Atrazine	200	8.557	8.553	0.004	91	962617	24.0	22.7	
81 Pentachloronitrobenzene	237	8.645	8.647	-0.002	75	518415	24.0	24.4	
121 Pentachlorophenol	266	8.657	8.653	0.004	87	1363270	48.0	50.1	
82 n-Octadecane	57	8.669	8.671	-0.002	94	5238121	24.0	25.2	
* 83 Phenanthrene-d10	188	8.816	8.818	-0.002	99	2142766	8.00	8.00	
84 Phenanthrene	178	8.845	8.841	0.004	99	6453645	24.0	22.9	
85 Anthracene	178	8.892	8.888	0.004	96	6286742	24.0	22.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.069	9.065	0.004	83	4749964	24.0	22.7	
87 Di-n-butyl phthalate	149	9.369	9.371	-0.002	100	5577577	24.0	23.8	
88 Fluoranthene	202	9.998	10.000	-0.002	96	4335029	24.0	22.9	
122 Benzidine	184	10.151	10.147	0.004	99	1036482	24.0	26.9	
90 Pyrene	202	10.222	10.224	-0.002	95	4134643	24.0	20.0	
$ 91 Terphenyl-d14	244	10.369	10.365	0.004	99	2806277	24.0	19.3	
92 Butyl benzyl phthalate	149	10.880	10.882	-0.002	98	1649624	24.0	23.8	
93 Carbamazepine	193	11.045	11.047	-0.002	91	1181308	24.0	28.0	
94 3,3'-Dichlorobenzidine	252	11.533	11.529	0.004	92	1105762	24.0	24.8	
98 Bis(2-ethylhexyl) phthalat	149	11.533	11.535	-0.002	89	2186967	24.0	25.1	
95 Benzo[a]anthracene	228	11.539	11.541	-0.002	99	3029338	24.0	23.0	
* 96 Chrysene-d12	240	11.551	11.553	-0.002	98	1011537	8.00	8.00	
97 Chrysene	228	11.586	11.582	0.004	95	2728736	24.0	23.6	
99 Di-n-octyl phthalate	149	12.363	12.359	0.004	97	3788919	24.0	24.4	
100 Benzo[b]fluoranthene	252	12.927	12.923	0.004	96	3062865	24.0	25.4	
101 Benzo[k]fluoranthene	252	12.968	12.959	0.009	98	3034116	24.0	24.3	
102 Benzo[a]pyrene	252	13.374	13.365	0.009	95	2868822	24.0	25.4	
* 103 Perylene-d12	264	13.445	13.447	-0.002	97	938010	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.880	14.876	0.004	97	3435481	24.0	25.8	M
105 Dibenz(a,h)anthracene	278	14.904	14.900	0.004	93	3272050	24.0	27.3	
106 Benzo[g,h,i]perylene	276	15.239	15.223	0.016	95	3469124	24.0	26.5	
S 119 Total Cresols	1				0			44.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 23-Jun-2014 19:50:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D

Injection Date: 20-Jun-2014 04:57:30 Instrument ID: CBNAMS13 Operator ID:

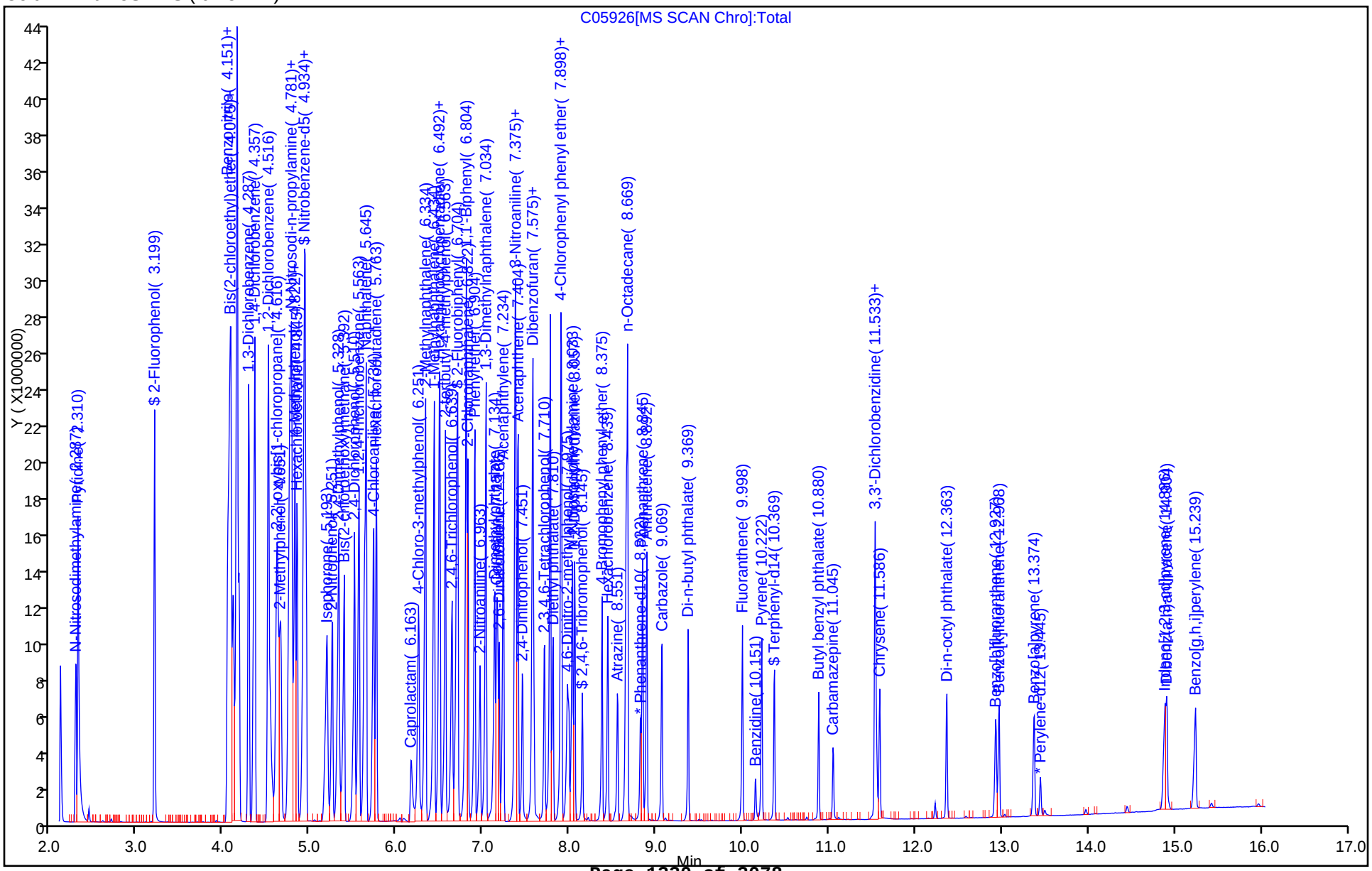
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

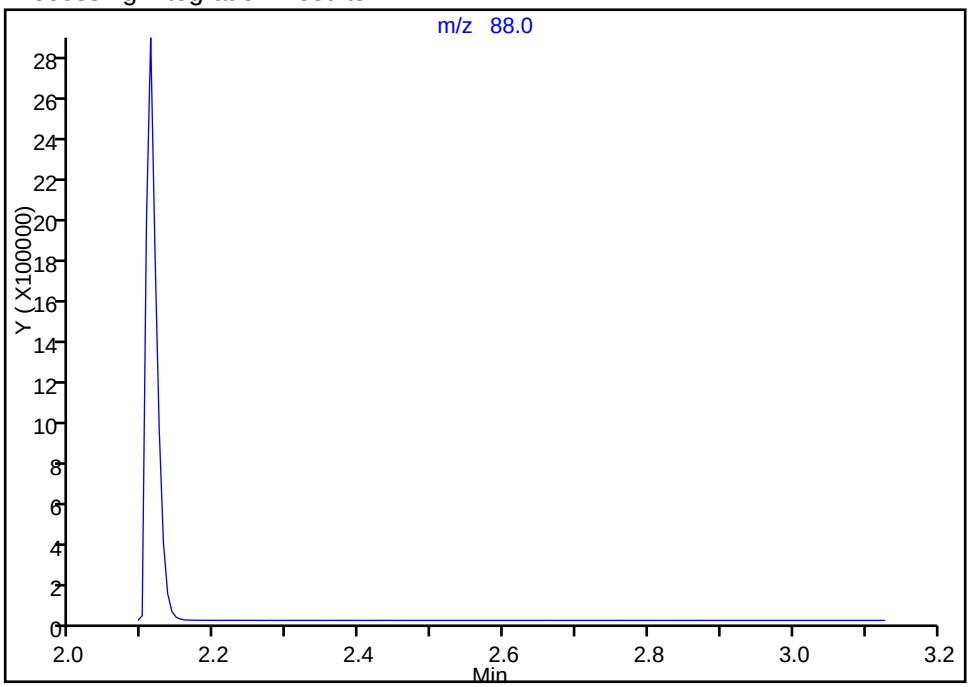
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D
Injection Date: 20-Jun-2014 04:57:30 Instrument ID: CBNAMS13
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

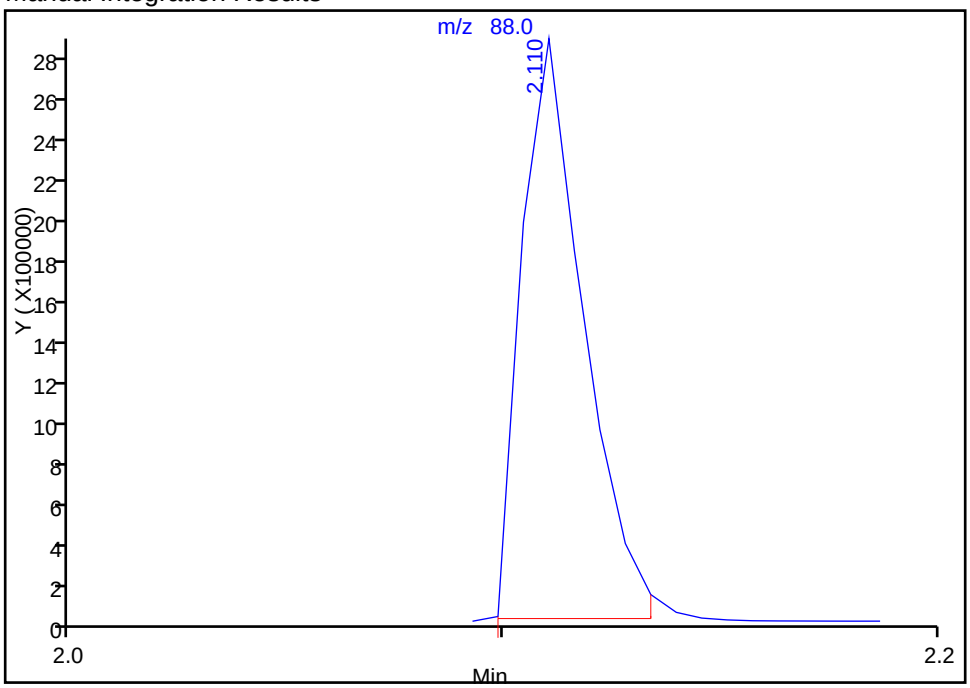
Not Detected
Expected RT: 2.13

Processing Integration Results



Manual Integration Results

RT: 2.11
Response: 2857216
Amount: 23.369256



Reviewer: asfawa, 20-Jun-2014 06:37:58
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

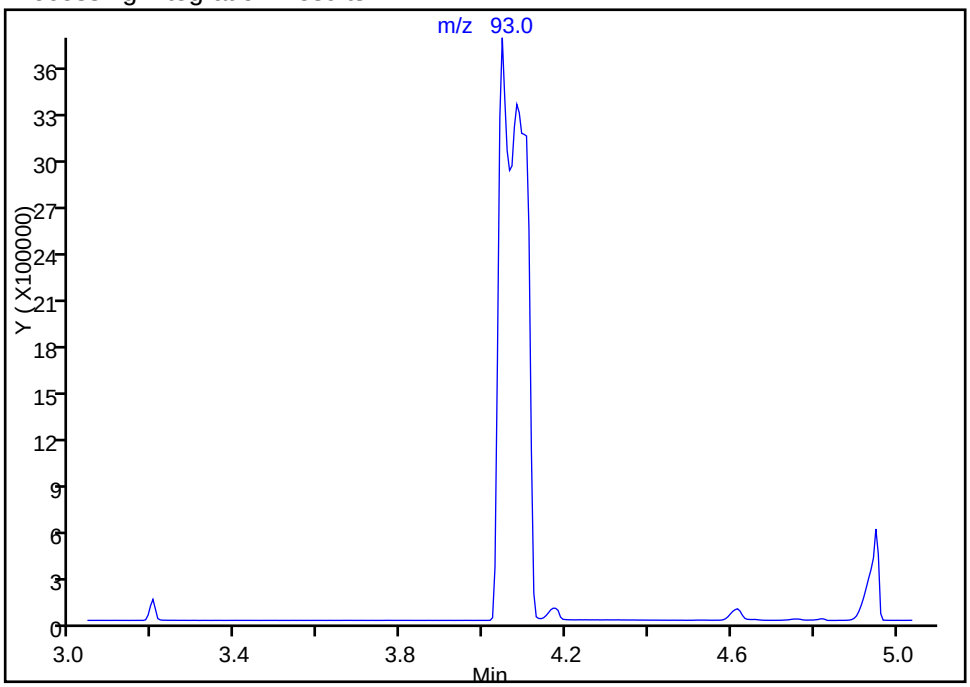
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D
Injection Date: 20-Jun-2014 04:57:30 Instrument ID: CBNAMS13
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

8 Aniline, CAS: 62-53-3

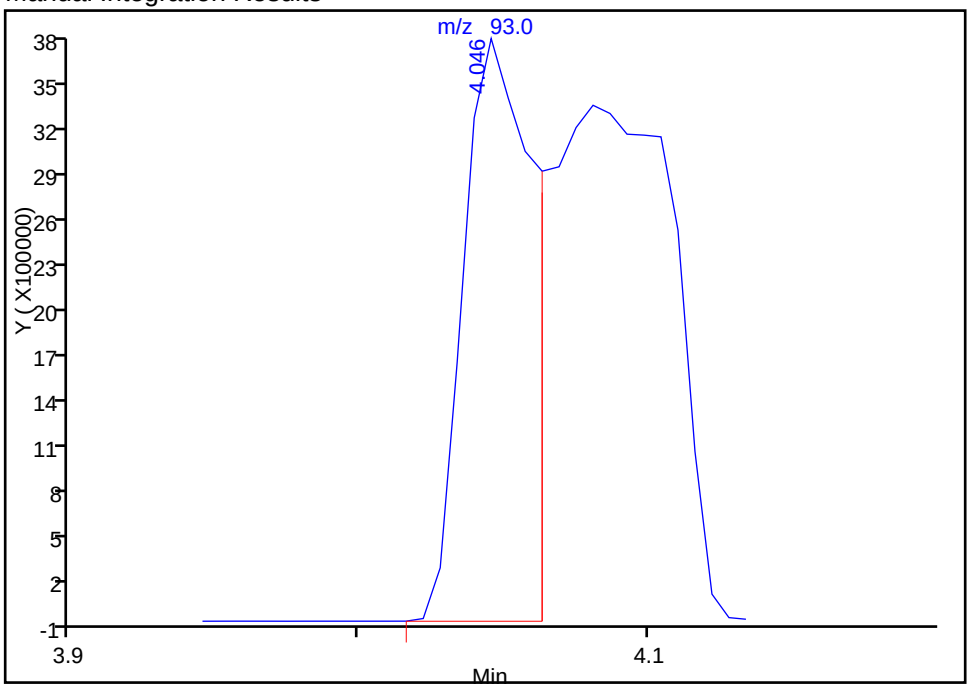
Not Detected
Expected RT: 4.04

Processing Integration Results



Manual Integration Results

RT: 4.05
Response: 6389444
Amount: 16.948228



Reviewer: croccom, 20-Jun-2014 08:20:40
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

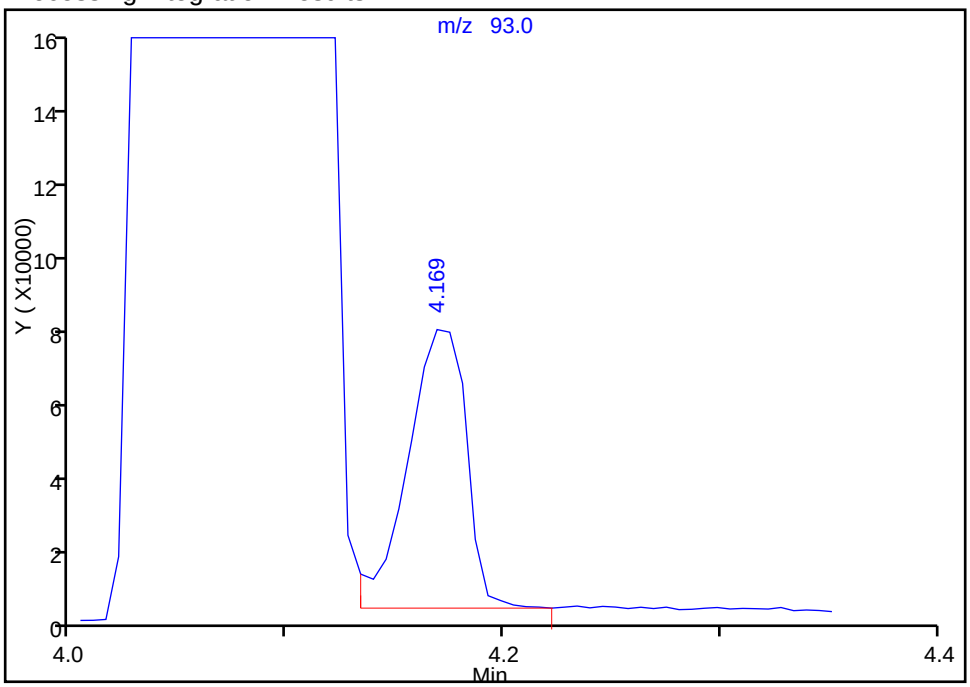
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D
Injection Date: 20-Jun-2014 04:57:30 Instrument ID: CBNAMS13
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

9 Bis(2-chloroethyl)ether, CAS: 111-44-4

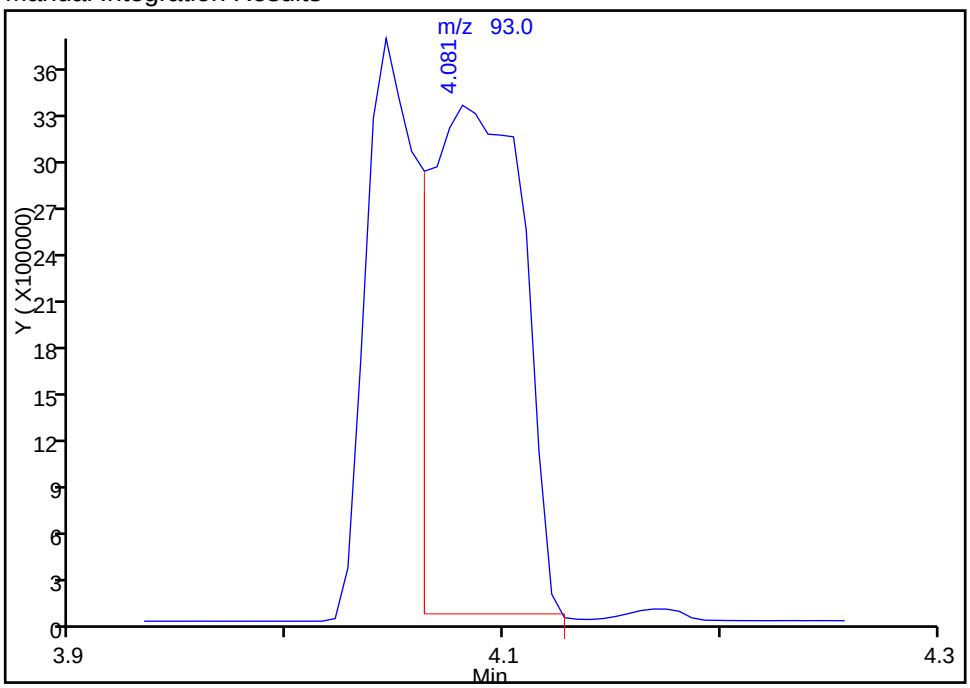
Processing Integration Results

RT: 4.17
Response: 140472
Amount: 0.525673



Manual Integration Results

RT: 4.08
Response: 9840154
Amount: 30.968966



Reviewer: croccom, 20-Jun-2014 08:39:13
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

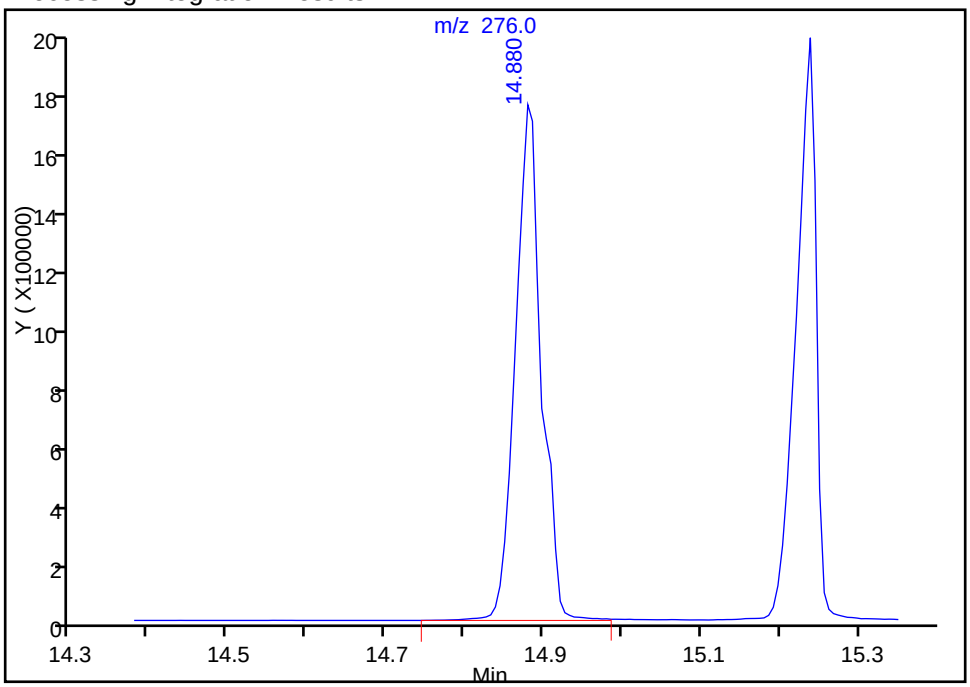
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05926.D
Injection Date: 20-Jun-2014 04:57:30 Instrument ID: CBNAMS13
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

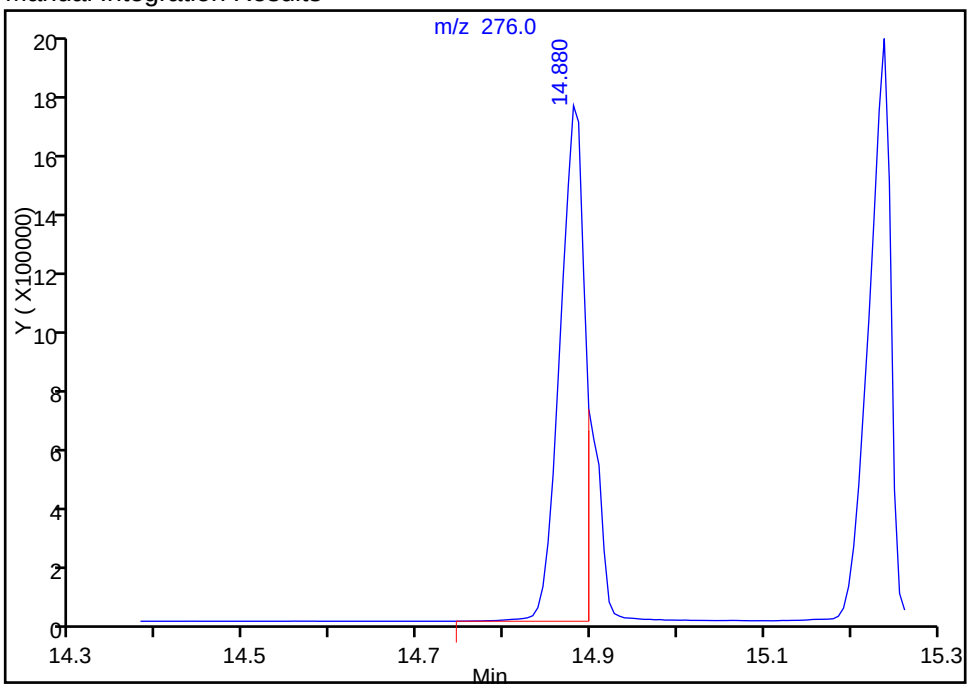
Processing Integration Results

RT: 14.88
Response: 3981989
Amount: 28.065658



Manual Integration Results

RT: 14.88
Response: 3435481
Amount: 25.801680



Reviewer: croccom, 20-Jun-2014 08:20:40
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 22-Jun-2014 10:09:15 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05927.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Jun-2014 05:21:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-004
Misc. Info.: STD16
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:14 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 08:25:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.128	2.130	-0.002	98	2060782	16.0	16.2	
2 N-Nitrosodimethylamine	74	2.299	2.295	0.004	84	2801865	16.0	16.1	
3 Pyridine	79	2.328	2.330	-0.002	85	4781118	16.0	15.9	
$ 4 2-Fluorophenol	112	3.204	3.201	0.003	94	4629302	16.0	16.1	
8 Aniline	93	4.046	4.042	0.004	91	6252515	16.0	15.9	
$ 6 Phenol-d5	99	4.057	4.048	0.009	81	5122475	16.0	15.3	
7 Phenol	94	4.069	4.059	0.010	94	5732364	16.0	15.4	
9 Bis(2-chloroethyl)ether	93	4.093	4.089	0.004	89	5411521	16.0	16.3	
125 Benzonitrile	103	4.140	4.124	0.016	87	6573017	NC	NC	
11 n-Decane	43	4.151	4.148	0.003	90	5252371	16.0	14.9	
10 2-Chlorophenol	128	4.163	4.159	0.004	90	4669684	16.0	15.4	
12 1,3-Dichlorobenzene	146	4.287	4.283	0.004	94	5033108	16.0	15.1	
* 13 1,4-Dichlorobenzene-d4	152	4.340	4.336	0.004	96	1694939	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.357	4.353	0.004	92	5058845	16.0	15.1	
16 1,2-Dichlorobenzene	146	4.510	4.512	-0.002	93	4721975	16.0	14.9	
15 Benzyl alcohol	108	4.522	4.512	0.010	92	2283899	16.0	15.0	
18 2,2'-oxybis[1-chloropropan	45	4.610	4.606	0.004	94	7080816	16.0	15.3	
17 2-Methylphenol	108	4.645	4.642	0.003	88	4505982	16.0	16.3	
126 N-Methylaniline	106	4.757	4.748	0.009	71	5890442	NC	NC	
20 N-Nitrosodi-n-propylamine	70	4.769	4.759	0.010	89	2807845	16.0	15.5	
19 Acetophenone	105	4.769	4.765	0.004	93	5513415	16.0	14.9	
21 4-Methylphenol	108	4.810	4.800	0.010	93	4221998	16.0	15.8	
22 3 & 4 Methylphenol	108	4.810	4.800	0.010	33	4331674	16.0	15.6	
24 Hexachloroethane	117	4.845	4.842	0.003	94	2131761	16.0	16.0	
$ 25 Nitrobenzene-d5	82	4.928	4.918	0.010	87	4404522	16.0	16.3	
27 n,n'-Dimethylaniline	120	4.928	4.924	0.004	92	6303390	16.0	14.1	
26 Nitrobenzene	77	4.945	4.936	0.009	95	6006631	16.0	15.9	
28 Isophorone	82	5.181	5.171	0.010	99	6743045	16.0	15.4	
29 2-Nitrophenol	139	5.251	5.248	0.003	92	2420128	16.0	16.1	
30 2,4-Dimethylphenol	122	5.322	5.318	0.004	91	3738712	16.0	15.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.387	5.383	0.004	98	4689954	16.0	15.3	
33 2,4-Dichlorophenol	162	5.504	5.500	0.004	95	3299105	16.0	15.5	
34 1,2,4-Trichlorobenzene	180	5.557	5.559	-0.002	94	3728064	16.0	15.5	
* 35 Naphthalene-d8	136	5.622	5.618	0.004	99	6124309	8.00	8.00	
36 Naphthalene	128	5.640	5.642	-0.002	97	11389804	16.0	14.6	
37 4-Chloroaniline	127	5.728	5.724	0.004	96	4812359	16.0	15.4	
38 Hexachlorobutadiene	225	5.763	5.759	0.004	94	2037682	16.0	15.7	
39 Caprolactam	113	6.145	6.142	0.003	91	632860	16.0	14.5	
40 4-Chloro-3-methylphenol	107	6.245	6.242	0.003	94	2935217	16.0	15.0	
41 2-Methylnaphthalene	142	6.328	6.330	-0.002	81	7165921	16.0	14.4	
42 1-Methylnaphthalene	142	6.428	6.430	-0.002	90	6574673	16.0	14.3	
43 Hexachlorocyclopentadiene	237	6.492	6.489	0.003	84	1865083	16.0	17.1	
44 1,2,4,5-Tetrachlorobenzene	216	6.498	6.494	0.004	94	3003989	16.0	16.3	
45 2-tertbutyl-4-methylphenol	149	6.557	6.553	0.004	89	4218676	16.0	14.2	
46 2,4,6-Trichlorophenol	196	6.634	6.630	0.004	88	1923273	16.0	16.7	
47 2,4,5-Trichlorophenol	196	6.687	6.683	0.004	92	1874499	16.0	17.0	
$ 48 2-Fluorobiphenyl	172	6.704	6.700	0.004	96	6934274	16.0	16.1	
49 1,1'-Biphenyl	154	6.798	6.794	0.004	97	7328139	16.0	15.2	
50 2-Chloronaphthalene	162	6.816	6.818	-0.002	94	5966072	16.0	15.8	
53 Phenyl ether	170	6.898	6.900	-0.002	86	3991280	16.0	15.6	
54 2-Nitroaniline	65	6.957	6.953	0.004	97	1540998	16.0	15.8	
55 1,3-Dimethylnaphthalene	156	7.028	7.024	0.004	88	4598066	16.0	15.1	
56 Dimethyl phthalate	163	7.128	7.124	0.004	99	4839463	16.0	14.8	
57 Coumarin	146	7.151	7.147	0.004	73	1587621	16.0	13.1	
58 2,6-Dinitrotoluene	165	7.181	7.177	0.004	79	1242016	16.0	15.3	
59 Acenaphthylene	152	7.228	7.230	-0.002	95	8309197	16.0	15.2	
* 61 Acenaphthene-d10	164	7.363	7.365	-0.002	93	2428043	8.00	8.00	
60 3-Nitroaniline	138	7.369	7.365	0.004	88	1215357	16.0	14.8	
63 3,5-di-tert-butyl-4-hydrox	205	7.375	7.371	0.004	97	3911615	16.0	15.1	
62 Acenaphthene	154	7.398	7.394	0.004	96	5061079	16.0	14.9	
64 2,4-Dinitrophenol	184	7.451	7.447	0.004	96	1183635	32.0	32.2	
66 Dibenzofuran	168	7.569	7.565	0.004	92	6665156	16.0	14.5	
67 2,4-Dinitrotoluene	165	7.569	7.571	-0.002	76	1278180	16.0	14.5	
65 4-Nitrophenol	65	7.581	7.577	0.004	92	1290051	32.0	31.2	
68 2,3,4,6-Tetrachlorophenol	232	7.704	7.706	-0.002	91	1163299	16.0	15.9	
69 Diethyl phthalate	149	7.804	7.800	0.004	93	4138939	16.0	14.0	
71 4-Chlorophenyl phenyl ethe	204	7.898	7.894	0.004	78	2354203	16.0	14.5	
70 Fluorene	166	7.904	7.900	0.004	84	4946580	16.0	14.2	
73 4,6-Dinitro-2-methylphenol	198	7.969	7.971	-0.002	74	1255594	32.0	31.9	
72 4-Nitroaniline	138	7.986	7.983	0.003	89	834076	16.0	15.2	
74 N-Nitrosodiphenylamine	169	8.028	8.024	0.004	68	3140407	16.0	15.5	
75 1,2-Diphenylhydrazine	77	8.057	8.053	0.004	98	5636977	16.0	17.1	
$ 76 2,4,6-Tribromophenol	330	8.145	8.147	-0.002	93	758340	16.0	15.5	
77 4-Bromophenyl phenyl ether	248	8.375	8.371	0.004	89	1279235	16.0	16.1	
78 Hexachlorobenzene	284	8.439	8.441	-0.002	98	1416484	16.0	16.3	
79 Atrazine	200	8.551	8.553	-0.002	90	718660	16.0	14.5	
81 Pentachloronitrobenzene	237	8.645	8.647	-0.002	82	373965	16.0	15.4	
121 Pentachlorophenol	266	8.651	8.653	-0.002	89	1023815	32.0	32.7	
82 n-Octadecane	57	8.669	8.671	-0.002	94	3959058	16.0	16.9	
* 83 Phenanthrene-d10	188	8.816	8.818	-0.002	99	2492866	8.00	8.00	
84 Phenanthrene	178	8.839	8.841	-0.002	99	5083107	16.0	14.8	
85 Anthracene	178	8.892	8.888	0.004	96	5019225	16.0	15.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.063	9.065	-0.002	83	3763334	16.0	14.8	
87 Di-n-butyl phthalate	149	9.369	9.371	-0.002	100	4238665	16.0	15.6	
88 Fluoranthene	202	9.998	10.000	-0.002	96	3379810	16.0	14.6	
122 Benzidine	184	10.151	10.147	0.004	99	723616	16.0	16.3	
90 Pyrene	202	10.222	10.224	-0.002	96	3248778	16.0	15.8	
$ 91 Terphenyl-d14	244	10.369	10.365	0.004	99	2203650	16.0	13.2	
92 Butyl benzyl phthalate	149	10.880	10.882	-0.002	98	1203314	16.0	16.8	
93 Carbamazepine	193	11.045	11.047	-0.002	91	767439	16.0	16.0	
94 3,3'-Dichlorobenzidine	252	11.527	11.529	-0.002	92	761514	16.0	16.9	
98 Bis(2-ethylhexyl) phthalat	149	11.533	11.535	-0.002	89	1554511	16.0	17.9	
95 Benzo[a]anthracene	228	11.539	11.541	-0.002	99	2189148	16.0	15.3	
* 96 Chrysene-d12	240	11.551	11.553	-0.002	98	1090955	8.00	8.00	
97 Chrysene	228	11.586	11.582	0.004	95	2004193	16.0	15.7	
99 Di-n-octyl phthalate	149	12.357	12.359	-0.002	97	2619582	16.0	16.9	
100 Benzo[b]fluoranthene	252	12.927	12.923	0.004	97	2070162	16.0	16.4	
101 Benzo[k]fluoranthene	252	12.963	12.959	0.004	98	2176639	16.0	16.8	
102 Benzo[a]pyrene	252	13.368	13.365	0.003	94	1981346	16.0	17.1	
* 103 Perylene-d12	264	13.445	13.447	-0.002	97	971946	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.874	14.876	-0.002	97	2235706	16.0	16.7	M
105 Dibenz(a,h)anthracene	278	14.898	14.900	-0.002	94	2177595	16.0	17.5	
106 Benzo[g,h,i]perylene	276	15.227	15.223	0.004	91	2202781	16.0	16.6	
S 119 Total Cresols	1				0			31.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 10:09:15 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05927.D

Injection Date: 20-Jun-2014 05:21:30 Instrument ID: CBNAMS13 Operator ID:

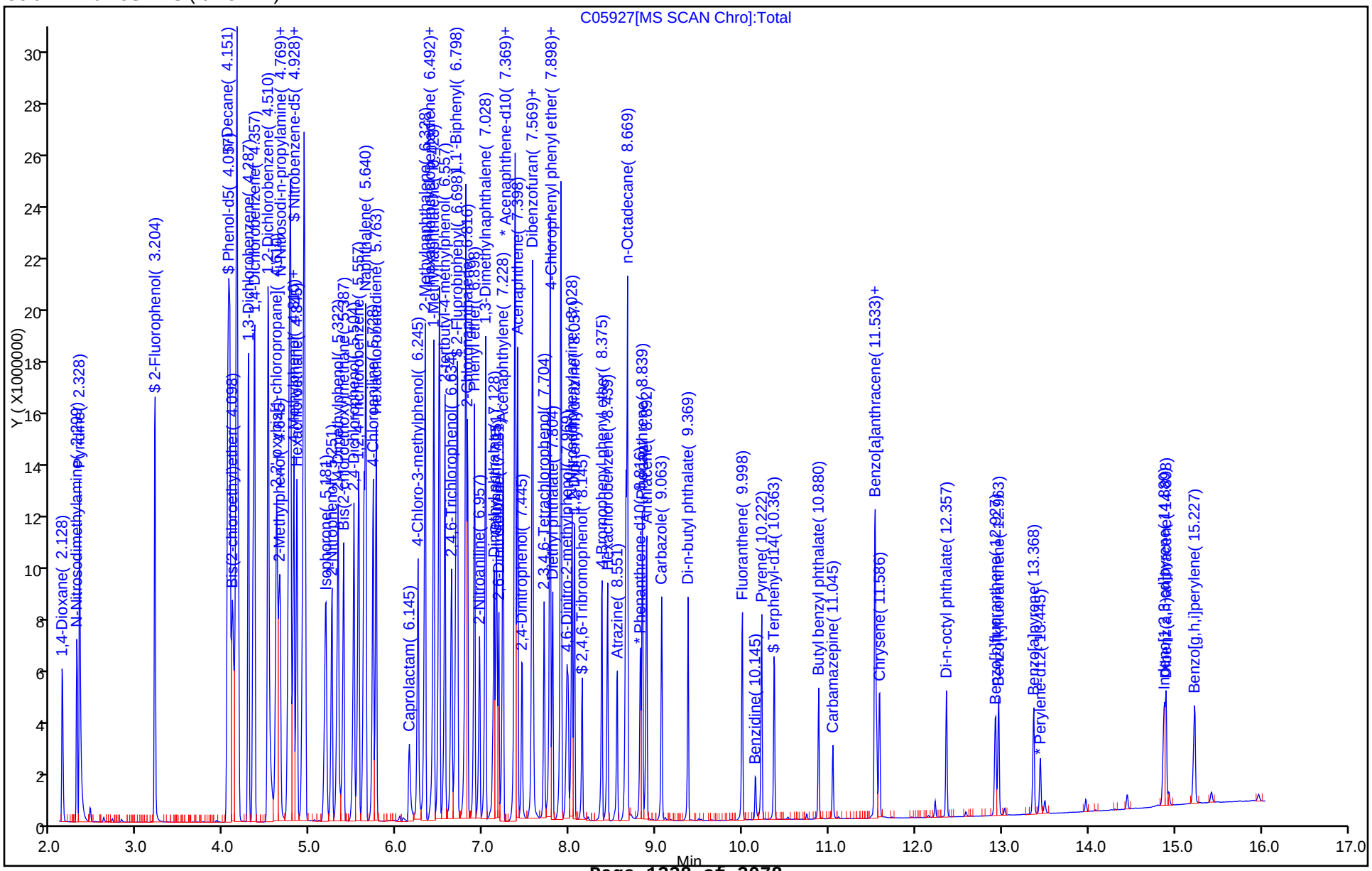
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

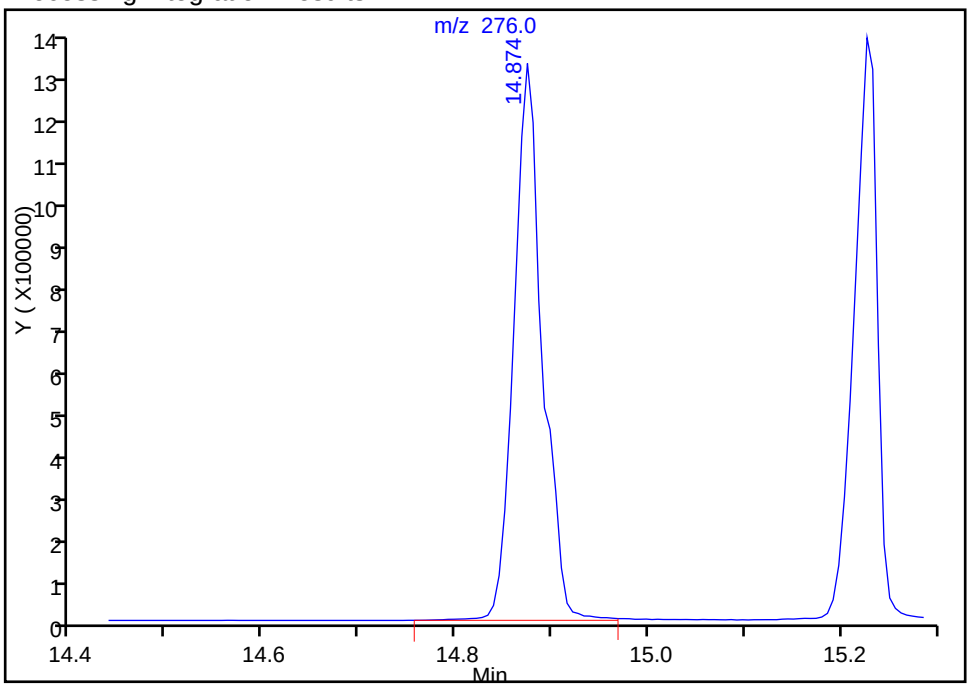
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05927.D
Injection Date: 20-Jun-2014 05:21:30 Instrument ID: CBNAMS13
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

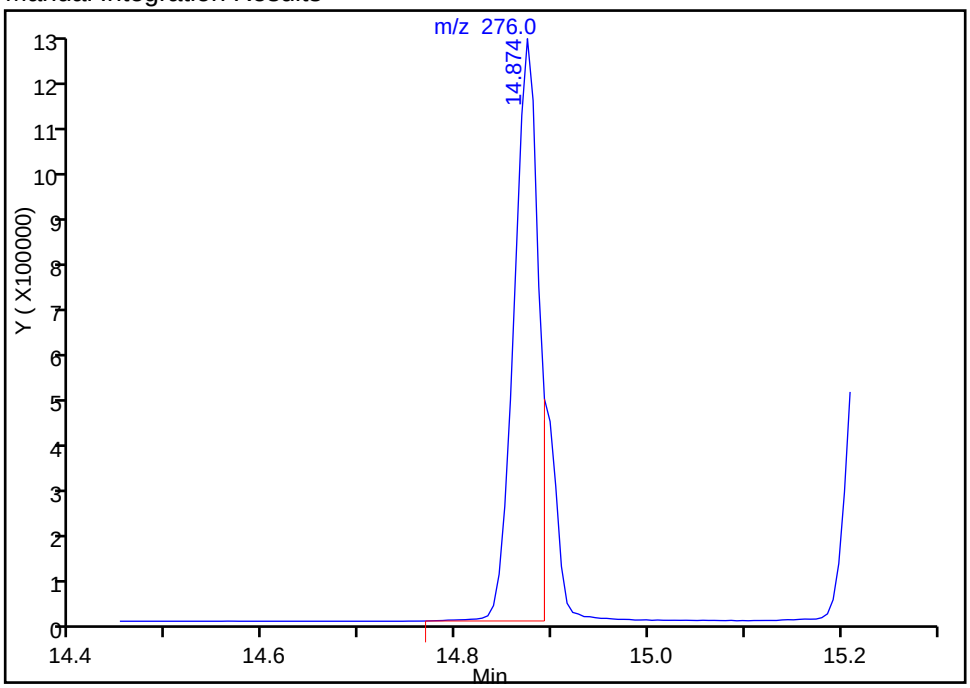
Processing Integration Results

RT: 14.87
Response: 2576317
Amount: 17.883031



Manual Integration Results

RT: 14.87
Response: 2235706
Amount: 16.667272



Reviewer: croccom, 20-Jun-2014 08:25:08
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 20-Jun-2014 19:18:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05928.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Jun-2014 05:45:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-005
Misc. Info.: STD4
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 20-Jun-2014 19:18:02 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: croccom Date: 20-Jun-2014 19:18:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.151	2.130	0.021	99	548242	4.00	4.09	
2 N-Nitrosodimethylamine	74	2.310	2.295	0.015	85	745194	4.00	4.07	
3 Pyridine	79	2.346	2.330	0.016	86	1270202	4.00	4.00	
$ 4 2-Fluorophenol	112	3.198	3.201	-0.003	96	1250657	4.00	4.13	
8 Aniline	93	4.040	4.042	-0.002	98	1779119	4.00	4.30	
$ 6 Phenol-d5	99	4.028	4.048	-0.020	90	1460074	4.00	4.15	
7 Phenol	94	4.040	4.059	-0.019	90	1621575	4.00	4.13	
9 Bis(2-chloroethyl)ether	93	4.075	4.089	-0.014	90	1290022	4.00	3.70	
125 Benzonitrile	103	4.104	4.124	-0.020	99	2407634	NC	NC	
11 n-Decane	43	4.140	4.148	-0.008	93	1527388	4.00	4.12	
10 2-Chlorophenol	128	4.145	4.159	-0.014	94	1294214	4.00	4.04	
12 1,3-Dichlorobenzene	146	4.275	4.283	-0.008	96	1437649	4.00	4.10	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1783931	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.345	4.353	-0.008	91	1444990	4.00	4.10	
16 1,2-Dichlorobenzene	146	4.504	4.512	-0.008	94	1361361	4.00	4.08	
15 Benzyl alcohol	108	4.498	4.512	-0.014	96	623013	4.00	3.88	
18 2,2'-oxybis[1-chloropropan	45	4.598	4.606	-0.008	94	1952031	4.00	4.02	
17 2-Methylphenol	108	4.628	4.642	-0.014	88	1169053	4.00	4.02	
126 N-Methylaniline	106	4.740	4.748	-0.008	67	1753366	NC	NC	
20 N-Nitrosodi-n-propylamine	70	4.745	4.759	-0.014	91	775036	4.00	4.07	
19 Acetophenone	105	4.751	4.765	-0.014	93	1590856	4.00	4.09	
21 4-Methylphenol	108	4.787	4.800	-0.013	96	1133688	4.00	4.02	
22 3 & 4 Methylphenol	108	4.787	4.800	-0.013	36	1190881	4.00	4.08	
24 Hexachloroethane	117	4.840	4.842	-0.002	95	568414	4.00	4.06	
$ 25 Nitrobenzene-d5	82	4.904	4.918	-0.014	87	1179935	4.00	4.03	
27 n,n'-Dimethylaniline	120	4.910	4.924	-0.014	97	1911066	4.00	4.07	
26 Nitrobenzene	77	4.922	4.936	-0.014	94	1678739	4.00	4.09	
28 Isophorone	82	5.151	5.171	-0.020	99	1909801	4.00	4.01	
29 2-Nitrophenol	139	5.239	5.248	-0.009	93	647833	4.00	3.96	
30 2,4-Dimethylphenol	122	5.304	5.318	-0.014	92	1045906	4.00	3.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.375	5.383	-0.008	99	1326090	4.00	3.97	
33 2,4-Dichlorophenol	162	5.492	5.500	-0.008	96	924768	4.00	4.00	
34 1,2,4-Trichlorobenzene	180	5.551	5.559	-0.008	94	1044154	4.00	4.00	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	100	6654959	8.00	8.00	
36 Naphthalene	128	5.634	5.642	-0.008	94	3511798	4.00	4.14	
37 4-Chloroaniline	127	5.716	5.724	-0.008	96	1391533	4.00	4.10	
38 Hexachlorobutadiene	225	5.757	5.759	-0.002	94	560809	4.00	3.97	
39 Caprolactam	113	6.092	6.142	-0.050	92	206916	4.00	4.37	
40 4-Chloro-3-methylphenol	107	6.228	6.242	-0.014	94	857173	4.00	4.04	
41 2-Methylnaphthalene	142	6.322	6.330	-0.008	86	2210127	4.00	4.08	
42 1-Methylnaphthalene	142	6.422	6.430	-0.008	90	2029733	4.00	4.07	
43 Hexachlorocyclopentadiene	237	6.481	6.489	-0.008	91	503328	4.00	3.75	
44 1,2,4,5-Tetrachlorobenzene	216	6.486	6.494	-0.008	96	898976	4.00	3.92	
45 2-tertbutyl-4-methylphenol	149	6.545	6.553	-0.008	89	1290460	4.00	3.99	
46 2,4,6-Trichlorophenol	196	6.622	6.630	-0.008	89	561093	4.00	3.88	
47 2,4,5-Trichlorophenol	196	6.669	6.683	-0.014	94	554065	4.00	4.00	
$ 48 2-Fluorobiphenyl	172	6.692	6.700	-0.008	97	2131341	4.00	3.97	
49 1,1'-Biphenyl	154	6.786	6.794	-0.008	96	2384290	4.00	3.98	
50 2-Chloronaphthalene	162	6.810	6.818	-0.008	96	1857666	4.00	3.95	
53 Phenyl ether	170	6.892	6.900	-0.008	85	1285831	4.00	4.04	
54 2-Nitroaniline	65	6.945	6.953	-0.008	97	480643	4.00	3.98	
55 1,3-Dimethylnaphthalene	156	7.022	7.024	-0.002	90	1529590	4.00	4.05	
56 Dimethyl phthalate	163	7.110	7.124	-0.014	91	1626015	4.00	4.01	
57 Coumarin	146	7.133	7.147	-0.014	77	556776	4.00	4.19	
58 2,6-Dinitrotoluene	165	7.169	7.177	-0.008	76	414317	4.00	4.09	
59 Acenaphthylene	152	7.222	7.230	-0.008	96	2733976	4.00	4.03	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	94	3019134	8.00	8.00	
60 3-Nitroaniline	138	7.357	7.365	-0.008	93	415885	4.00	4.08	
63 3,5-di-tert-butyl-4-hydrox	205	7.369	7.371	-0.002	97	1244455	4.00	3.83	
62 Acenaphthene	154	7.386	7.394	-0.008	95	1667287	4.00	3.96	
64 2,4-Dinitrophenol	184	7.433	7.447	-0.014	96	292681	8.00	7.71	
66 Dibenzofuran	168	7.557	7.565	-0.008	89	2253152	4.00	3.97	
67 2,4-Dinitrotoluene	165	7.557	7.571	-0.014	83	451443	4.00	4.11	
65 4-Nitrophenol	65	7.563	7.577	-0.014	92	412009	8.00	8.14	
68 2,3,4,6-Tetrachlorophenol	232	7.698	7.706	-0.008	94	370629	4.00	4.05	
69 Diethyl phthalate	149	7.786	7.800	-0.014	98	1458080	4.00	3.98	
71 4-Chlorophenyl phenyl ethe	204	7.892	7.894	-0.002	81	808354	4.00	4.01	
70 Fluorene	166	7.892	7.900	-0.008	84	1750107	4.00	4.05	
73 4,6-Dinitro-2-methylphenol	198	7.957	7.971	-0.014	72	384246	8.00	7.76	
72 4-Nitroaniline	138	7.963	7.983	-0.020	91	293500	4.00	4.26	
74 N-Nitrosodiphenylamine	169	8.016	8.024	-0.008	56	1150587	4.00	4.05	
75 1,2-Diphenylhydrazine	77	8.045	8.053	-0.008	98	1739272	4.00	3.77	
$ 76 2,4,6-Tribromophenol	330	8.139	8.147	-0.008	94	243114	4.00	3.98	
77 4-Bromophenyl phenyl ether	248	8.369	8.371	-0.002	91	438189	4.00	3.95	
78 Hexachlorobenzene	284	8.433	8.441	-0.008	95	484947	4.00	4.01	
79 Atrazine	200	8.539	8.553	-0.014	88	291238	4.00	4.17	
81 Pentachloronitrobenzene	237	8.639	8.647	-0.008	80	138500	4.00	4.07	
121 Pentachlorophenol	266	8.645	8.653	-0.008	89	301992	8.00	7.46	
82 n-Octadecane	57	8.663	8.671	-0.008	94	1256622	4.00	3.84	
* 83 Phenanthrene-d10	188	8.816	8.818	-0.002	99	3473606	8.00	8.00	
84 Phenanthrene	178	8.833	8.841	-0.008	98	1904101	4.00	3.99	
85 Anthracene	178	8.880	8.888	-0.008	97	1876659	4.00	4.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.057	9.065	-0.008	82	1437707	4.00	4.06	
87 Di-n-butyl phthalate	149	9.369	9.371	-0.002	100	1501173	4.00	3.94	
88 Fluoranthene	202	9.992	10.000	-0.008	97	1273943	4.00	3.96	
122 Benzidine	184	10.145	10.147	-0.002	99	239006	4.00	3.91	
90 Pyrene	202	10.216	10.224	-0.008	96	1190071	4.00	4.17	
$ 91 Terphenyl-d14	244	10.363	10.365	-0.002	99	745735	4.00	4.12	
92 Butyl benzyl phthalate	149	10.874	10.882	-0.008	98	315023	4.00	3.95	
93 Carbamazepine	193	11.039	11.047	-0.008	91	164666	4.00	3.98	
94 3,3'-Dichlorobenzidine	252	11.521	11.529	-0.008	94	206033	4.00	4.12	
98 Bis(2-ethylhexyl) phthalat	149	11.527	11.535	-0.008	86	368995	4.00	3.80	
95 Benzo[a]anthracene	228	11.533	11.541	-0.008	99	622997	4.00	3.97	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1198578	8.00	8.00	
97 Chrysene	228	11.574	11.582	-0.008	96	549019	4.00	3.91	
99 Di-n-octyl phthalate	149	12.357	12.359	-0.002	97	588748	4.00	3.81	
100 Benzo[b]fluoranthene	252	12.915	12.923	-0.008	98	504171	4.00	4.02	
101 Benzo[k]fluoranthene	252	12.951	12.959	-0.008	99	510182	4.00	3.97	
102 Benzo[a]pyrene	252	13.357	13.365	-0.008	95	466484	4.00	4.04	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	956130	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.862	14.876	-0.014	97	500797	4.00	3.80	M
105 Dibenz(a,h)anthracene	278	14.886	14.900	-0.014	94	507187	4.00	4.13	
106 Benzo[g,h,i]perylene	276	15.209	15.223	-0.014	90	493492	4.00	3.79	
S 119 Total Cresols	1				0			8.10	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 20-Jun-2014 19:18:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05928.D

Injection Date: 20-Jun-2014 05:45:30 Instrument ID: CBNAMS13 Operator ID:

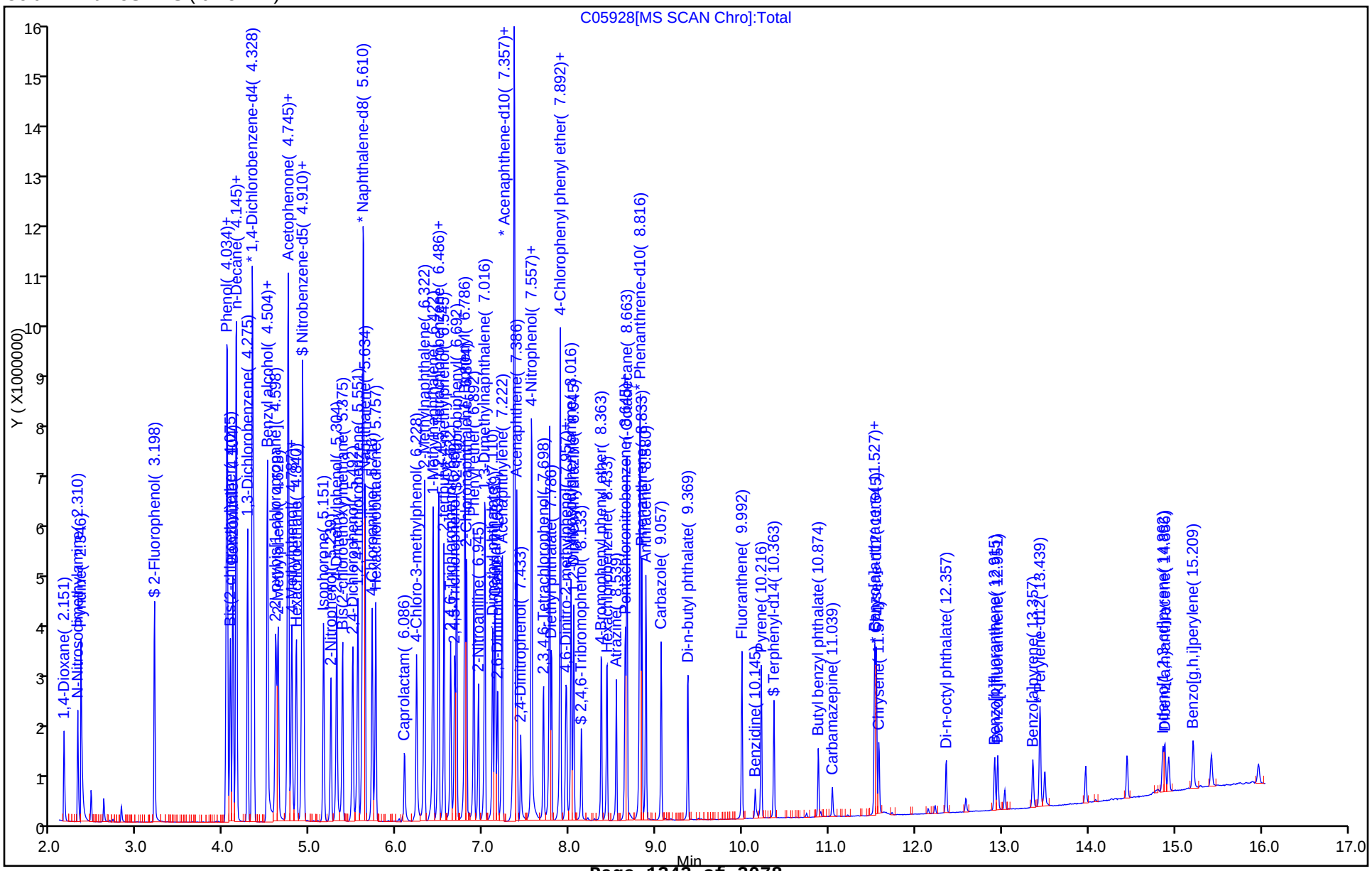
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

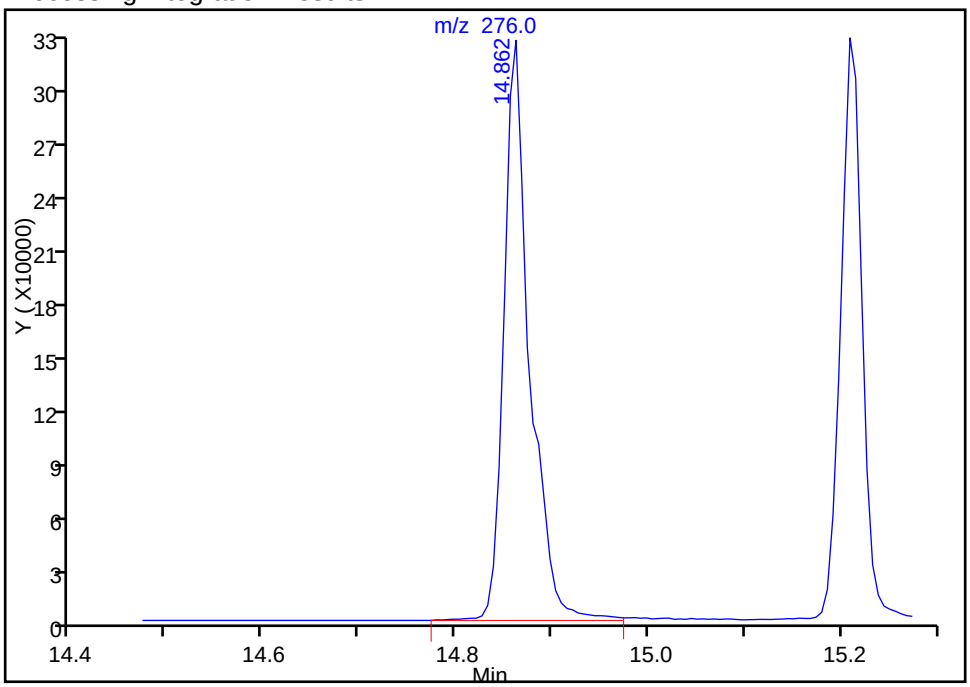
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05928.D
Injection Date: 20-Jun-2014 05:45:30 Instrument ID: CBNAMS13
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

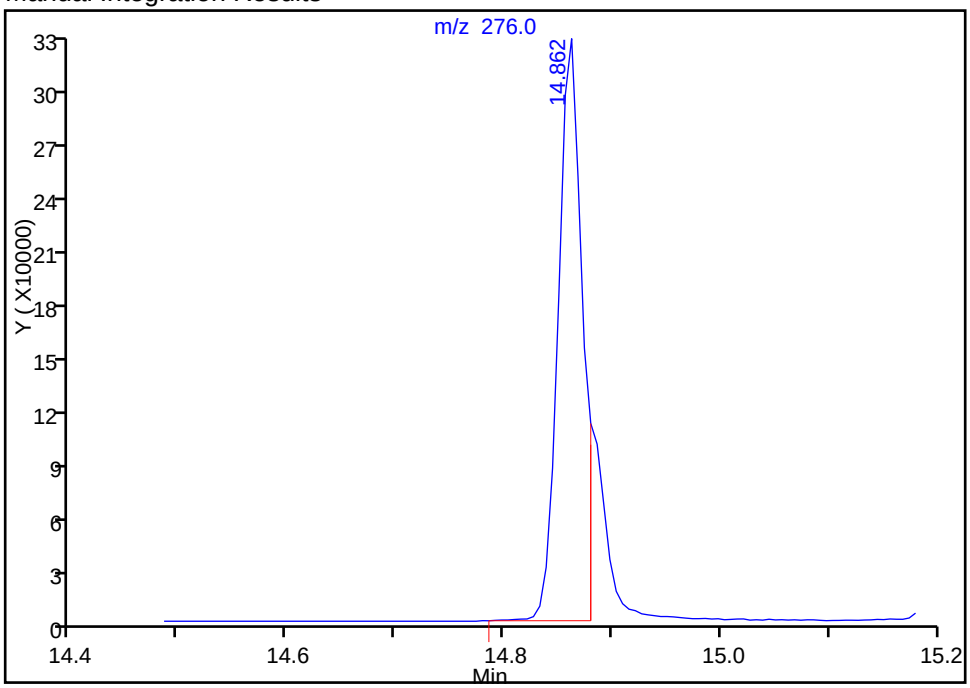
Processing Integration Results

RT: 14.86
Response: 594008
Amount: 4.270278



Manual Integration Results

RT: 14.86
Response: 500797
Amount: 3.798924



Reviewer: croccom, 20-Jun-2014 08:27:23
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 23-Jun-2014 19:56:41 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05929.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Jun-2014 06:08:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-006
Misc. Info.: STD2
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 19:56:40 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: asfawa Date: 20-Jun-2014 06:30:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.157	2.130	0.027	99	289381	2.00	2.17	
2 N-Nitrosodimethylamine	74	2.316	2.295	0.021	85	394900	2.00	2.17	
3 Pyridine	79	2.357	2.330	0.027	87	708384	2.00	2.25	
$ 4 2-Fluorophenol	112	3.198	3.201	-0.003	97	635903	2.00	2.11	
8 Aniline	93	4.034	4.042	-0.008	81	941258	2.00	2.29	
$ 6 Phenol-d5	99	4.022	4.048	-0.026	91	756664	2.00	2.17	
7 Phenol	94	4.034	4.059	-0.025	81	844173	2.00	2.16	
9 Bis(2-chloroethyl)ether	93	4.069	4.089	-0.020	89	705524	2.00	2.04	
125 Benzonitrile	103	4.098	4.124	-0.026	99	1196470	NC	NC	
11 n-Decane	43	4.140	4.148	-0.008	92	823804	2.00	2.24	
10 2-Chlorophenol	128	4.145	4.159	-0.014	94	696570	2.00	2.19	
12 1,3-Dichlorobenzene	146	4.275	4.283	-0.008	96	759892	2.00	2.18	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1772259	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.345	4.353	-0.008	94	769925	2.00	2.20	
16 1,2-Dichlorobenzene	146	4.504	4.512	-0.008	95	733719	2.00	2.21	
15 Benzyl alcohol	108	4.498	4.512	-0.014	93	327362	2.00	2.05	
18 2,2'-oxybis[1-chloropropan	45	4.598	4.606	-0.008	95	1046319	2.00	2.17	
17 2-Methylphenol	108	4.622	4.642	-0.020	87	610591	2.00	2.11	
20 N-Nitrosodi-n-propylamine	70	4.740	4.759	-0.019	90	416424	2.00	2.20	
19 Acetophenone	105	4.745	4.765	-0.020	93	849851	2.00	2.20	
126 N-Methylaniline	106	4.734	4.795	-0.061	76	894897	NC	NC	
21 4-Methylphenol	108	4.781	4.800	-0.019	95	609625	2.00	2.18	
22 3 & 4 Methylphenol	108	4.781	4.800	-0.019	36	642433	2.00	2.22	
24 Hexachloroethane	117	4.834	4.842	-0.008	94	298898	2.00	2.15	
$ 25 Nitrobenzene-d5	82	4.898	4.918	-0.020	90	613965	2.00	2.09	
27 n,n'-Dimethylaniline	120	4.910	4.924	-0.014	97	967031	2.00	2.07	
26 Nitrobenzene	77	4.916	4.936	-0.020	92	878791	2.00	2.14	
28 Isophorone	82	5.151	5.171	-0.020	99	1031070	2.00	2.16	
29 2-Nitrophenol	139	5.239	5.248	-0.009	95	337132	2.00	2.06	
30 2,4-Dimethylphenol	122	5.304	5.318	-0.014	92	555613	2.00	2.12	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.369	5.383	-0.014	99	714703	2.00	2.14	
33 2,4-Dichlorophenol	162	5.487	5.500	-0.014	96	486424	2.00	2.10	
34 1,2,4-Trichlorobenzene	180	5.545	5.559	-0.014	94	554811	2.00	2.12	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	99	6665346	8.00	8.00	
36 Naphthalene	128	5.628	5.642	-0.014	99	1899530	2.00	2.24	
37 4-Chloroaniline	127	5.716	5.724	-0.008	97	721301	2.00	2.12	
38 Hexachlorobutadiene	225	5.757	5.759	-0.002	93	295946	2.00	2.09	
39 Caprolactam	113	6.075	6.142	-0.067	92	101512	2.00	2.14	
40 4-Chloro-3-methylphenol	107	6.228	6.242	-0.014	94	471013	2.00	2.21	
41 2-Methylnaphthalene	142	6.322	6.330	-0.008	83	1210713	2.00	2.23	
42 1-Methylnaphthalene	142	6.416	6.430	-0.014	91	1108850	2.00	2.22	
43 Hexachlorocyclopentadiene	237	6.481	6.489	-0.008	92	275427	2.00	1.94	
44 1,2,4,5-Tetrachlorobenzene	216	6.486	6.494	-0.008	95	488856	2.00	2.02	
45 2-tertbutyl-4-methylphenol	149	6.545	6.553	-0.008	88	673888	2.00	2.08	
46 2,4,6-Trichlorophenol	196	6.622	6.630	-0.008	89	298315	2.00	1.96	
47 2,4,5-Trichlorophenol	196	6.669	6.683	-0.014	96	285794	2.00	1.96	
$ 48 2-Fluorobiphenyl	172	6.692	6.700	-0.008	94	1157580	2.00	2.05	
49 1,1'-Biphenyl	154	6.786	6.794	-0.008	95	1343606	2.00	2.13	
50 2-Chloronaphthalene	162	6.804	6.818	-0.014	96	1026429	2.00	2.07	
53 Phenyl ether	170	6.892	6.900	-0.008	84	654848	2.00	1.95	
54 2-Nitroaniline	65	6.939	6.953	-0.014	96	264613	2.00	2.08	
55 1,3-Dimethylnaphthalene	156	7.016	7.024	-0.008	92	800692	2.00	2.01	
56 Dimethyl phthalate	163	7.104	7.124	-0.020	99	924177	2.00	2.16	
57 Coumarin	146	7.133	7.147	-0.014	77	290517	2.00	2.19	
58 2,6-Dinitrotoluene	165	7.163	7.177	-0.014	95	233042	2.00	2.18	
59 Acenaphthylene	152	7.216	7.230	-0.014	97	1544041	2.00	2.16	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	94	3183746	8.00	8.00	
60 3-Nitroaniline	138	7.351	7.365	-0.014	90	234270	2.00	2.18	
63 3,5-di-tert-butyl-4-hydrox	205	7.363	7.371	-0.008	83	656541	2.00	1.91	
62 Acenaphthene	154	7.386	7.394	-0.008	95	955421	2.00	2.15	
64 2,4-Dinitrophenol	184	7.433	7.447	-0.014	96	114094	4.00	3.93	
66 Dibenzofuran	168	7.557	7.565	-0.008	91	1329370	2.00	2.22	
67 2,4-Dinitrotoluene	165	7.557	7.571	-0.014	63	261047	2.00	2.25	
65 4-Nitrophenol	65	7.563	7.577	-0.014	93	210971	4.00	4.15	
68 2,3,4,6-Tetrachlorophenol	232	7.692	7.706	-0.014	92	202399	2.00	2.10	
69 Diethyl phthalate	149	7.786	7.800	-0.014	95	849724	2.00	2.20	
71 4-Chlorophenyl phenyl ethe	204	7.886	7.894	-0.008	81	469291	2.00	2.21	
70 Fluorene	166	7.892	7.900	-0.008	84	1017928	2.00	2.23	
73 4,6-Dinitro-2-methylphenol	198	7.951	7.971	-0.020	81	188544	4.00	4.01	
72 4-Nitroaniline	138	7.963	7.983	-0.020	91	162680	2.00	2.24	
74 N-Nitrosodiphenylamine	169	8.016	8.024	-0.008	52	603577	2.00	1.93	
75 1,2-Diphenylhydrazine	77	8.045	8.053	-0.008	99	977564	2.00	1.92	
$ 76 2,4,6-Tribromophenol	330	8.133	8.147	-0.014	94	133702	2.00	2.07	
77 4-Bromophenyl phenyl ether	248	8.363	8.371	-0.008	87	249345	2.00	2.03	
78 Hexachlorobenzene	284	8.427	8.441	-0.014	96	280236	2.00	2.10	
79 Atrazine	200	8.539	8.553	-0.014	91	156908	2.00	2.03	
81 Pentachloronitrobenzene	237	8.639	8.647	-0.008	81	73258	2.00	1.95	
121 Pentachlorophenol	266	8.645	8.653	-0.008	88	143781	4.00	3.74	
82 n-Octadecane	57	8.663	8.671	-0.008	94	692451	2.00	1.91	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	3835895	8.00	8.00	
84 Phenanthrene	178	8.833	8.841	-0.008	98	1133619	2.00	2.15	
85 Anthracene	178	8.880	8.888	-0.008	97	1102765	2.00	2.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.057	9.065	-0.008	82	843953	2.00	2.16	
87 Di-n-butyl phthalate	149	9.369	9.371	-0.002	100	872722	2.00	2.07	
88 Fluoranthene	202	9.992	10.000	-0.008	97	764278	2.00	2.15	
122 Benzidine	184	10.145	10.147	-0.002	99	122747	2.00	1.82	
90 Pyrene	202	10.216	10.224	-0.008	96	727197	2.00	2.07	
$ 91 Terphenyl-d14	244	10.363	10.365	-0.002	99	429950	2.00	2.20	
92 Butyl benzyl phthalate	149	10.874	10.882	-0.008	98	167953	2.00	1.95	
93 Carbamazepine	193	11.039	11.047	-0.008	87	73884	2.00	1.92	
94 3,3'-Dichlorobenzidine	252	11.521	11.529	-0.008	91	97581	2.00	1.81	
98 Bis(2-ethylhexyl) phthalat	149	11.527	11.535	-0.008	82	192010	2.00	1.83	
95 Benzo[a]anthracene	228	11.533	11.541	-0.008	99	346308	2.00	2.04	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1292748	8.00	8.00	
97 Chrysene	228	11.574	11.582	-0.008	96	317037	2.00	2.09	
99 Di-n-octyl phthalate	149	12.351	12.359	-0.008	97	294805	2.00	1.91	
100 Benzo[b]fluoranthene	252	12.915	12.923	-0.008	98	267774	2.00	2.14	
101 Benzo[k]fluoranthene	252	12.951	12.959	-0.008	98	264958	2.00	2.07	
102 Benzo[a]pyrene	252	13.357	13.365	-0.008	95	237887	2.00	2.07	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	953236	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.856	14.876	-0.020	98	240683	2.00	1.87	M
105 Dibenz(a,h)anthracene	278	14.880	14.900	-0.020	91	254134	2.00	2.07	
106 Benzo[g,h,i]perylene	276	15.209	15.223	-0.014	94	251749	2.00	1.94	
S 119 Total Cresols	1				0			4.33	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

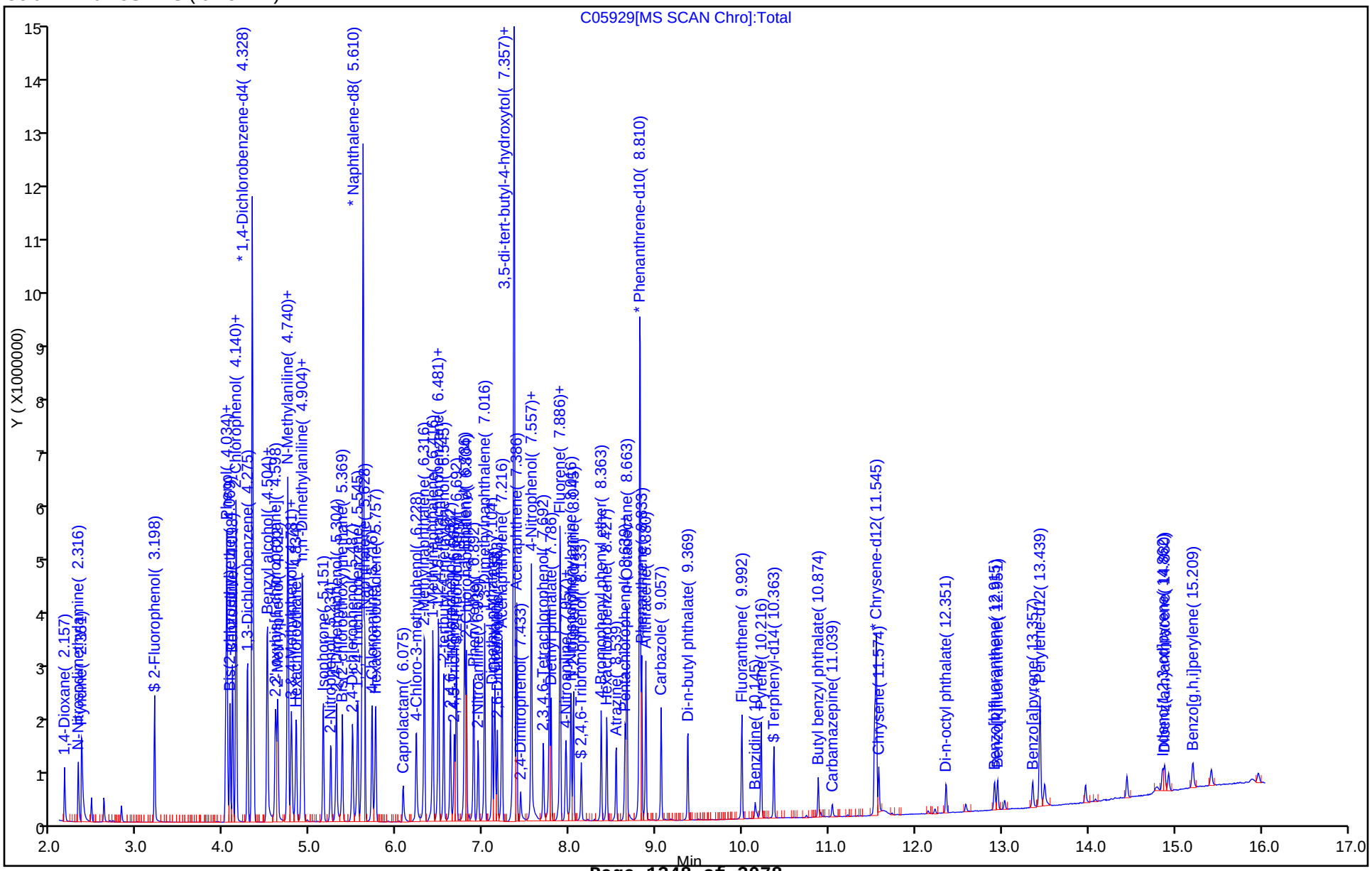
Report Date: 23-Jun-2014 19:56:41 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05929.D

Injection Date:	20-Jun-2014 06:08:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

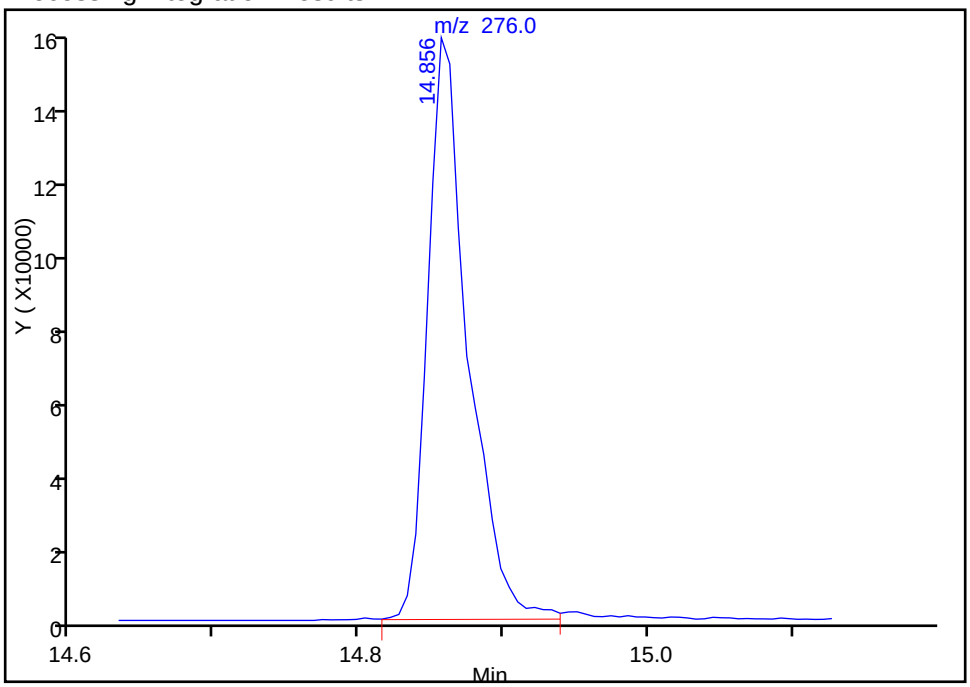
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05929.D				
Injection Date:	20-Jun-2014 06:08:30	Instrument ID:	CBNAMS13		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

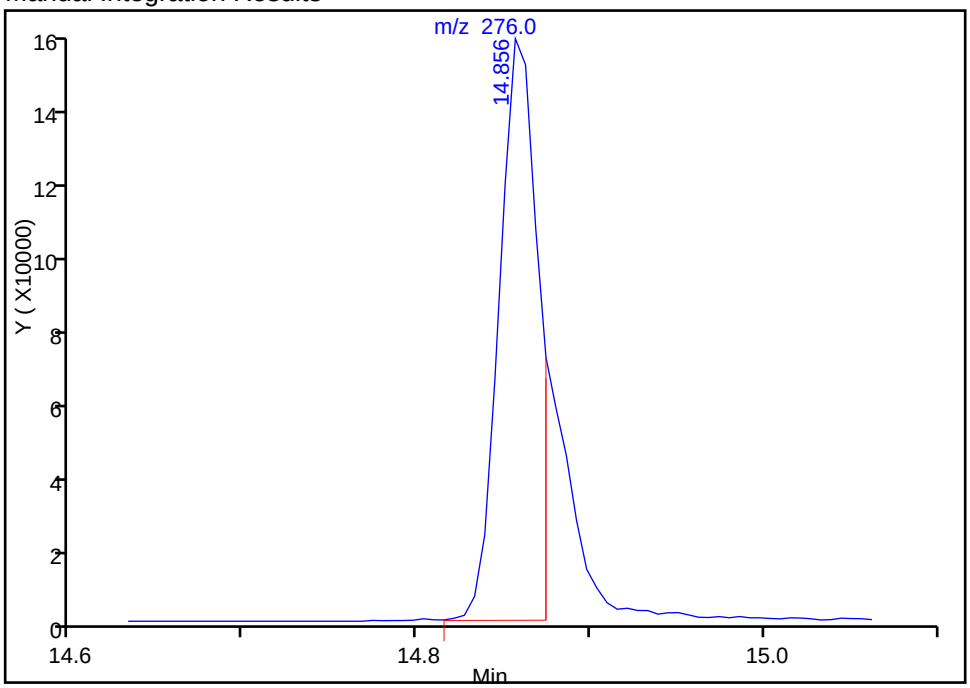
Processing Integration Results

RT: 14.86
Response: 298692
Amount: 2.191227



Manual Integration Results

RT: 14.86
Response: 240683
Amount: 1.870159



Reviewer: szczecha, 23-Jun-2014 19:51:28
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 23-Jun-2014 19:54:51 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05930.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Jun-2014 06:32:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-007
Misc. Info.: STD1
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 19:54:50 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: croccom Date: 20-Jun-2014 08:36:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.157	2.130	0.027	99	128098	1.00	1.06	
2 N-Nitrosodimethylamine	74	2.316	2.295	0.021	86	167331	1.00	1.01	
3 Pyridine	79	2.363	2.330	0.033	86	286124	1.00	1.00	
$ 4 2-Fluorophenol	112	3.199	3.201	-0.002	96	277120	1.00	1.01	
8 Aniline	93	4.034	4.042	-0.008	82	405644	1.00	1.09	
$ 6 Phenol-d5	99	4.016	4.048	-0.032	91	335735	1.00	1.06	
7 Phenol	94	4.034	4.059	-0.025	81	368601	1.00	1.04	
9 Bis(2-chloroethyl)ether	93	4.069	4.089	-0.020	93	310564	1.00	0.9873	
125 Benzonitrile	103	4.098	4.124	-0.026	99	558141	NC	NC	
11 n-Decane	43	4.140	4.148	-0.008	93	370938	1.00	1.11	
10 2-Chlorophenol	128	4.146	4.159	-0.013	95	301340	1.00	1.04	
12 1,3-Dichlorobenzene	146	4.275	4.283	-0.008	96	337905	1.00	1.07	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1610782	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.346	4.353	-0.007	76	339888	1.00	1.07	
16 1,2-Dichlorobenzene	146	4.504	4.512	-0.008	96	325245	1.00	1.08	
15 Benzyl alcohol	108	4.498	4.512	-0.014	93	137033	1.00	0.9442	
18 2,2'-oxybis[1-chloropropan	45	4.598	4.606	-0.008	95	464263	1.00	1.06	
17 2-Methylphenol	108	4.622	4.642	-0.020	89	265539	1.00	1.01	
20 N-Nitrosodi-n-propylamine	70	4.740	4.759	-0.019	90	181691	1.00	1.06	
19 Acetophenone	105	4.745	4.765	-0.020	96	377650	1.00	1.08	
126 N-Methylaniline	106	4.734	4.795	-0.061	69	429361	NC	NC	
21 4-Methylphenol	108	4.781	4.800	-0.019	95	260175	1.00	1.02	
22 3 & 4 Methylphenol	108	4.781	4.800	-0.019	36	276451	1.00	1.05	
24 Hexachloroethane	117	4.834	4.842	-0.008	94	130271	1.00	1.03	
$ 25 Nitrobenzene-d5	82	4.898	4.918	-0.020	90	273970	1.00	1.04	
27 n,n'-Dimethylaniline	120	4.904	4.924	-0.020	96	455545	1.00	1.07	
26 Nitrobenzene	77	4.916	4.936	-0.020	94	390074	1.00	1.06	
28 Isophorone	82	5.145	5.171	-0.026	99	449983	1.00	1.05	
29 2-Nitrophenol	139	5.240	5.248	-0.008	96	144055	1.00	0.9793	
30 2,4-Dimethylphenol	122	5.304	5.318	-0.014	92	238090	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.369	5.383	-0.014	99	317869	1.00	1.06	
33 2,4-Dichlorophenol	162	5.487	5.500	-0.013	95	210604	1.00	1.01	
34 1,2,4-Trichlorobenzene	180	5.545	5.559	-0.014	91	244013	1.00	1.04	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	99	5980032	8.00	8.00	
36 Naphthalene	128	5.628	5.642	-0.014	99	855086	1.00	1.12	
37 4-Chloroaniline	127	5.716	5.724	-0.008	97	318824	1.00	1.04	
38 Hexachlorobutadiene	225	5.757	5.759	-0.002	93	128823	1.00	1.01	
39 Caprolactam	113	6.063	6.142	-0.079	91	42688	1.00	1.00	
40 4-Chloro-3-methylphenol	107	6.222	6.242	-0.020	94	201300	1.00	1.05	
41 2-Methylnaphthalene	142	6.316	6.330	-0.014	83	546348	1.00	1.12	
42 1-Methylnaphthalene	142	6.416	6.430	-0.014	92	504218	1.00	1.13	
43 Hexachlorocyclopentadiene	237	6.481	6.489	-0.008	82	116419	1.00	0.8953	
44 1,2,4,5-Tetrachlorobenzene	216	6.481	6.494	-0.013	95	216747	1.00	0.9750	
45 2-tertbutyl-4-methylphenol	149	6.545	6.553	-0.008	89	329766	1.00	1.13	
46 2,4,6-Trichlorophenol	196	6.622	6.630	-0.008	89	126291	1.00	0.9022	
47 2,4,5-Trichlorophenol	196	6.663	6.683	-0.020	93	120714	1.00	0.8997	
$ 48 2-Fluorobiphenyl	172	6.687	6.700	-0.013	94	537689	1.00	1.04	
49 1,1'-Biphenyl	154	6.787	6.794	-0.007	95	613138	1.00	1.06	
50 2-Chloronaphthalene	162	6.804	6.818	-0.014	96	466462	1.00	1.03	
53 Phenyl ether	170	6.892	6.900	-0.008	84	316861	1.00	1.03	
54 2-Nitroaniline	65	6.939	6.953	-0.014	97	117585	1.00	1.00	
55 1,3-Dimethylnaphthalene	156	7.016	7.024	-0.008	92	385485	1.00	1.05	
56 Dimethyl phthalate	163	7.104	7.124	-0.020	99	435952	1.00	1.11	
57 Coumarin	146	7.128	7.147	-0.019	77	144841	1.00	1.21	
58 2,6-Dinitrotoluene	165	7.163	7.177	-0.014	95	104032	1.00	1.06	
59 Acenaphthylene	152	7.216	7.230	-0.014	97	694319	1.00	1.06	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	94	2923128	8.00	8.00	
60 3-Nitroaniline	138	7.351	7.365	-0.014	88	105143	1.00	1.07	
63 3,5-di-tert-butyl-4-hydrox	205	7.363	7.371	-0.008	83	356739	1.00	1.13	
62 Acenaphthene	154	7.386	7.394	-0.008	94	447757	1.00	1.10	
64 2,4-Dinitrophenol	184	7.439	7.447	-0.008	92	14835	2.00	2.03	
66 Dibenzofuran	168	7.557	7.565	-0.008	91	613656	1.00	1.12	
67 2,4-Dinitrotoluene	165	7.557	7.571	-0.014	61	118393	1.00	1.11	
65 4-Nitrophenol	65	7.563	7.577	-0.014	89	81058	2.00	1.95	
68 2,3,4,6-Tetrachlorophenol	232	7.698	7.706	-0.008	94	82582	1.00	0.9311	
69 Diethyl phthalate	149	7.781	7.800	-0.019	97	421417	1.00	1.19	
71 4-Chlorophenyl phenyl ethe	204	7.886	7.894	-0.008	80	218253	1.00	1.12	
70 Fluorene	166	7.886	7.900	-0.014	85	479082	1.00	1.14	
73 4,6-Dinitro-2-methylphenol	198	7.951	7.971	-0.020	78	60863	2.00	2.01	
72 4-Nitroaniline	138	7.957	7.983	-0.026	91	68956	1.00	1.03	
74 N-Nitrosodiphenylamine	169	8.010	8.024	-0.014	57	315946	1.00	1.04	
75 1,2-Diphenylhydrazine	77	8.045	8.053	-0.008	99	458830	1.00	0.9333	
$ 76 2,4,6-Tribromophenol	330	8.134	8.147	-0.013	92	62650	1.00	1.06	
77 4-Bromophenyl phenyl ether	248	8.363	8.371	-0.008	87	115776	1.00	0.9785	
78 Hexachlorobenzene	284	8.428	8.441	-0.013	96	131671	1.00	1.02	
79 Atrazine	200	8.533	8.553	-0.020	90	78799	1.00	1.06	
81 Pentachloronitrobenzene	237	8.639	8.647	-0.008	82	35849	1.00	0.9878	
121 Pentachlorophenol	266	8.645	8.653	-0.008	85	56963	2.00	2.08	
82 n-Octadecane	57	8.663	8.671	-0.008	93	323160	1.00	0.9262	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	3701142	8.00	8.00	
84 Phenanthrene	178	8.833	8.841	-0.008	98	560925	1.00	1.10	
85 Anthracene	178	8.881	8.888	-0.007	97	541181	1.00	1.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.057	9.065	-0.008	82	411456	1.00	1.09	
87 Di-n-butyl phthalate	149	9.363	9.371	-0.008	100	399848	1.00	0.9846	
88 Fluoranthene	202	9.992	10.000	-0.008	97	382260	1.00	1.12	
122 Benzidine	184	10.145	10.147	-0.002	99	65279	1.00	1.00	
90 Pyrene	202	10.216	10.224	-0.008	96	362013	1.00	0.7829	
$ 91 Terphenyl-d14	244	10.363	10.365	-0.002	99	223408	1.00	1.19	
92 Butyl benzyl phthalate	149	10.875	10.882	-0.008	97	75763	1.00	0.9107	
93 Carbamazepine	193	11.039	11.047	-0.008	90	32723	1.00	1.09	
94 3,3'-Dichlorobenzidine	252	11.527	11.529	-0.002	66	45814	1.00	0.8785	
98 Bis(2-ethylhexyl) phthalat	149	11.527	11.535	-0.008	82	85057	1.00	0.8401	
95 Benzo[a]anthracene	228	11.527	11.541	-0.014	98	167815	1.00	1.03	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1248771	8.00	8.00	
97 Chrysene	228	11.574	11.582	-0.008	95	152881	1.00	1.05	
99 Di-n-octyl phthalate	149	12.351	12.359	-0.008	94	127504	1.00	0.9362	
100 Benzo[b]fluoranthene	252	12.916	12.923	-0.007	98	115623	1.00	1.04	
101 Benzo[k]fluoranthene	252	12.951	12.959	-0.008	98	116944	1.00	1.03	
102 Benzo[a]pyrene	252	13.357	13.365	-0.008	96	98252	1.00	0.9660	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	843135	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.857	14.876	-0.019	98	101189	1.00	0.9053	M
105 Dibenz(a,h)anthracene	278	14.880	14.900	-0.020	92	108852	1.00	1.00	
106 Benzo[g,h,i]perylene	276	15.210	15.223	-0.013	94	107805	1.00	0.9379	
S 119 Total Cresols	1				0			2.06	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 23-Jun-2014 19:54:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05930.D

Injection Date: 20-Jun-2014 06:32:30 Instrument ID: CBNAMS13 Operator ID:

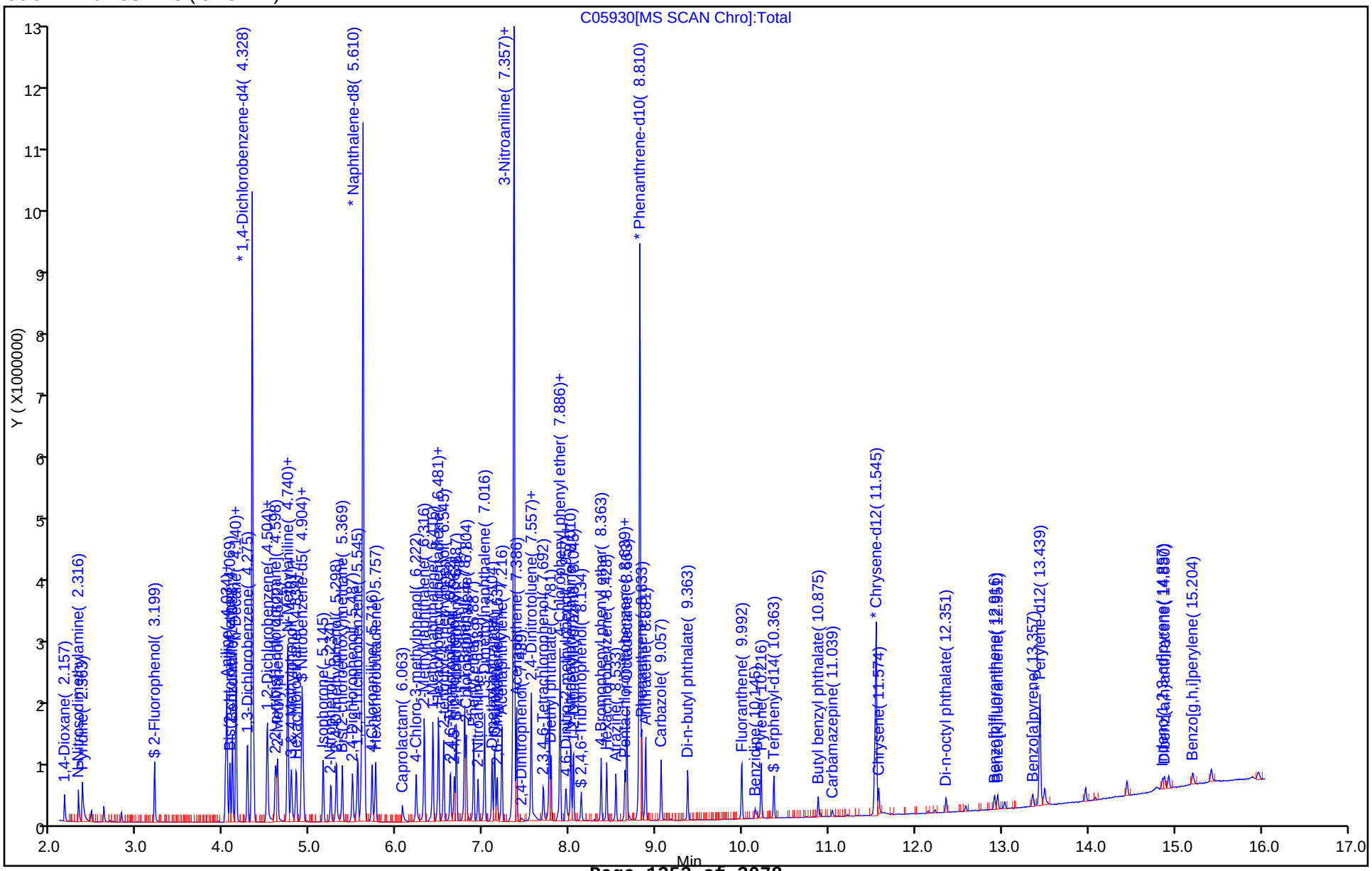
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

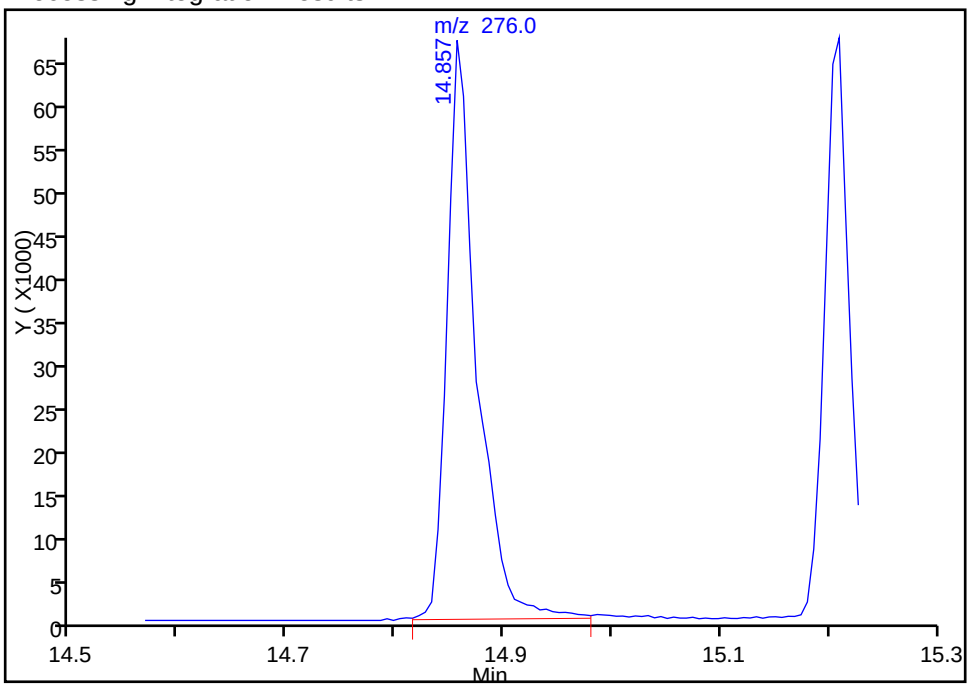
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05930.D				
Injection Date:	20-Jun-2014 06:32:30	Instrument ID:	CBNAMS13		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

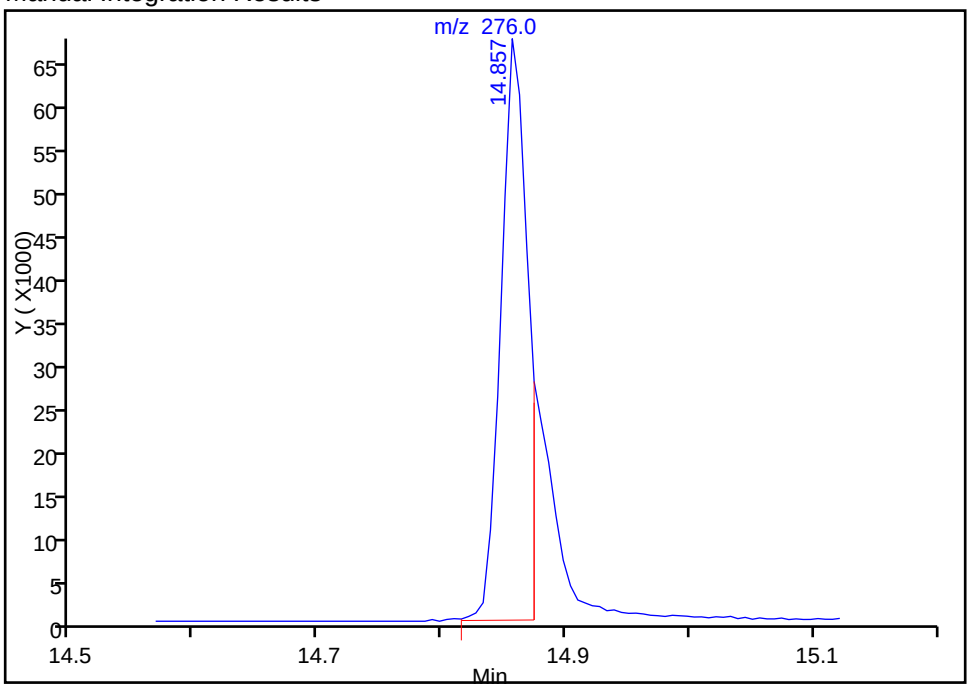
Processing Integration Results

RT: 14.86
Response: 128412
Amount: 1.151614



Manual Integration Results

RT: 14.86
Response: 101189
Amount: 0.905319



Reviewer: szczecha, 23-Jun-2014 19:54:50
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 22-Jun-2014 10:09:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05931.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Jun-2014 06:56:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-008
Misc. Info.: STD02
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:34 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 08:36:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.069	4.089	-0.020	91	69687	0.2000	0.1925	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1854274	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	4.740	4.759	-0.019	87	40507	0.2000	0.2047	
24 Hexachloroethane	117	4.834	4.842	-0.008	91	28758	0.2000	0.1978	
$ 25 Nitrobenzene-d5	82	4.898	4.918	-0.020	90	60078	0.2000	0.1913	
27 n,n'-Dimethylaniline	120	4.904	4.924	-0.020	98	105545	0.2000	0.2163	
26 Nitrobenzene	77	4.916	4.936	-0.020	93	86876	0.2000	0.1972	
34 1,2,4-Trichlorobenzene	180	5.546	5.559	-0.013	88	57465	0.2000	0.2055	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	100	7135186	8.00	8.00	
38 Hexachlorobutadiene	225	5.757	5.759	-0.002	94	30783	0.2000	0.2030	
$ 48 2-Fluorobiphenyl	172	6.687	6.700	-0.013	96	122386	0.2000	0.1979	
58 2,6-Dinitrotoluene	165	7.163	7.177	-0.014	90	22158	0.2000	0.1952	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	95	3526567	8.00	8.00	
67 2,4-Dinitrotoluene	165	7.557	7.571	-0.014	59	24450	0.2000	0.2026	
78 Hexachlorobenzene	284	8.428	8.441	-0.013	94	29949	0.2000	0.1927	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	4535447	8.00	8.00	
$ 91 Terphenyl-d14	244	10.363	10.365	-0.002	98	49064	0.2000	0.2208	
95 Benzo[a]anthracene	228	11.527	11.541	-0.014	94	41803	0.2000	0.2098	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1535210	8.00	8.00	
100 Benzo[b]fluoranthene	252	12.910	12.923	-0.013	94	23511	0.2000	0.1852	
101 Benzo[k]fluoranthene	252	12.945	12.959	-0.014	87	26897	0.2000	0.2032	
102 Benzo[a]pyrene	252	13.357	13.365	-0.008	92	21659	0.2000	0.1812	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	1005671	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.857	14.876	-0.019	94	22412	0.2000	0.1903	M
105 Dibenz(a,h)anthracene	278	14.880	14.900	-0.020	88	20809	0.2000	0.1638	

QC Flag Legend

Review Flags
M - Manually Integrated

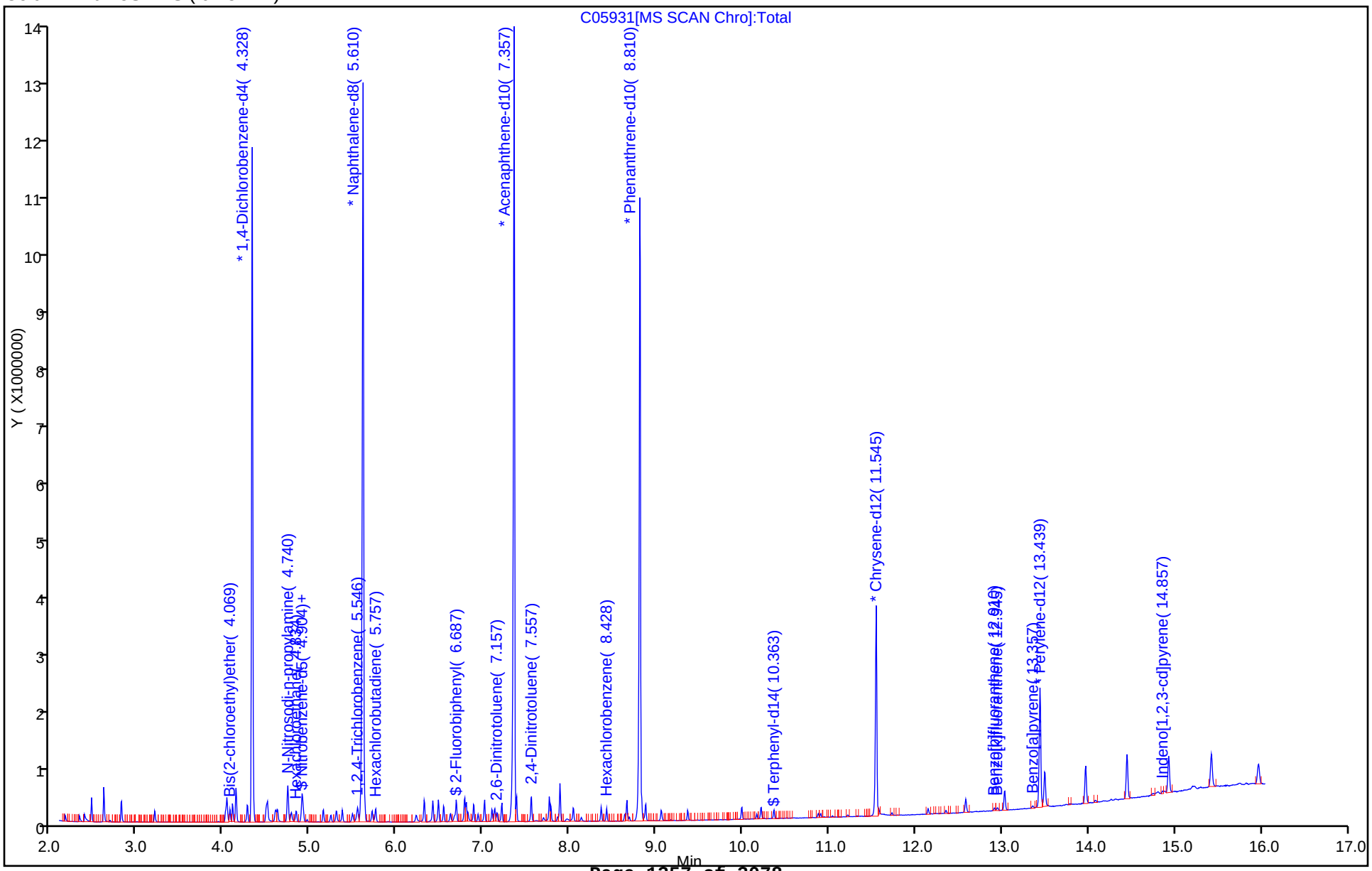
Report Date: 22-Jun-2014 10:09:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05931.D

Injection Date:	20-Jun-2014 06:56:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

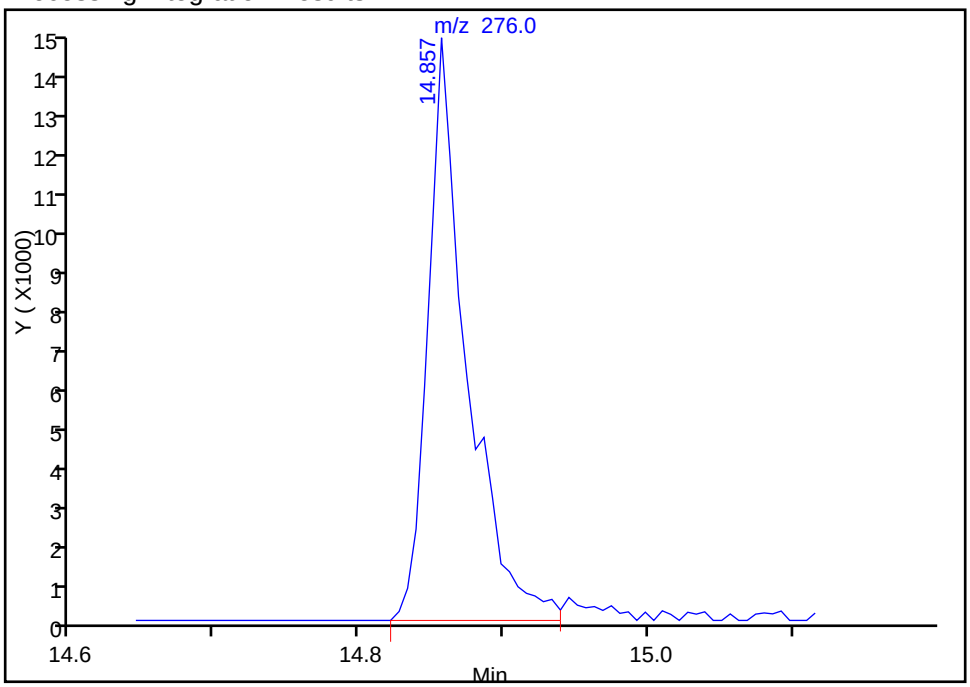
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05931.D				
Injection Date:	20-Jun-2014 06:56:30	Instrument ID:	CBNAMS13		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

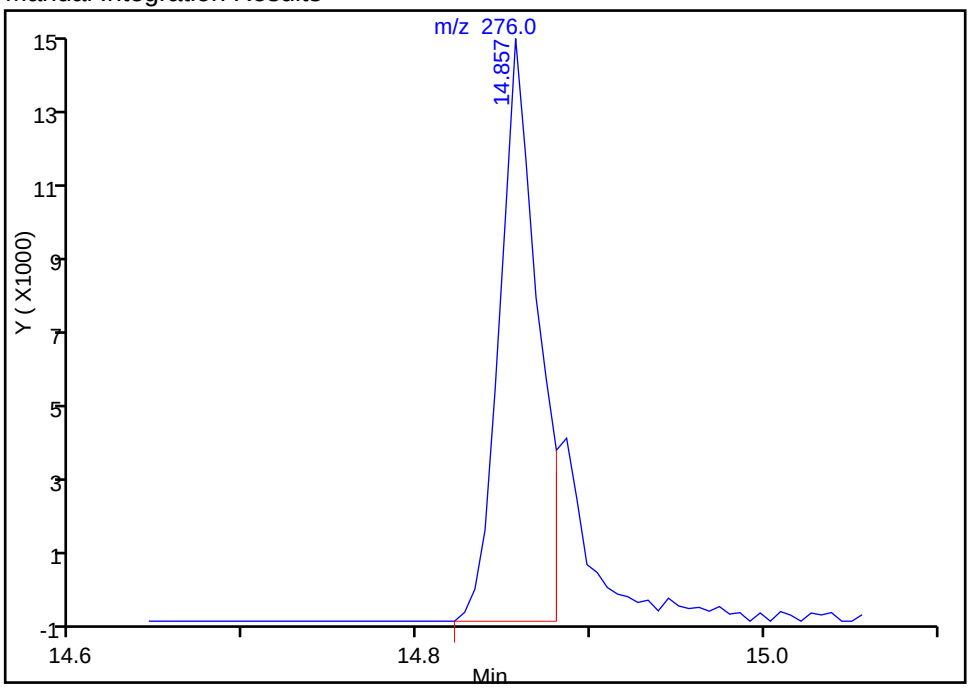
Processing Integration Results

RT: 14.86
Response: 27205
Amount: 0.198986



Manual Integration Results

RT: 14.86
Response: 22412
Amount: 0.190289



Reviewer: croccom, 20-Jun-2014 08:36:39
Audit Action: Manually Integrated
Audit Reason: Shouldering

Report Date: 22-Jun-2014 10:09:38 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05932.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Jun-2014 07:20:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-009
Misc. Info.: STD01
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:38 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 08:37:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.069	4.089	-0.020	90	31385	0.1000	0.0861	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1867610	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	4.739	4.759	-0.020	78	18575	0.1000	0.0932	
24 Hexachloroethane	117	4.839	4.842	-0.003	90	13472	0.1000	0.0920	
$ 25 Nitrobenzene-d5	82	4.898	4.918	-0.020	91	29544	0.1000	0.0961	
27 n,n'-Dimethylaniline	120	4.904	4.924	-0.020	97	50934	0.1000	0.1036	
26 Nitrobenzene	77	4.916	4.936	-0.020	94	38939	0.1000	0.0903	
34 1,2,4-Trichlorobenzene	180	5.545	5.559	-0.014	88	25876	0.1000	0.0945	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	100	6985812	8.00	8.00	
$ 48 2-Fluorobiphenyl	172	6.686	6.700	-0.014	97	61915	0.1000	0.1013	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	95	3485678	8.00	8.00	
78 Hexachlorobenzene	284	8.427	8.441	-0.014	84	14302	0.1000	0.0942	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	4431870	8.00	8.00	
$ 91 Terphenyl-d14	244	10.363	10.365	-0.002	95	23535	0.1000	0.1151	
95 Benzo[a]anthracene	228	11.527	11.541	-0.014	85	18732	0.1000	0.1022	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1412732	8.00	8.00	
100 Benzo[b]fluoranthene	252	12.915	12.923	-0.008	89	11304	0.1000	0.0898	
101 Benzo[k]fluoranthene	252	12.945	12.959	-0.014	85	11569	0.1000	0.0882	
102 Benzo[a]pyrene	252	13.357	13.365	-0.008	87	10938	0.1000	0.0924	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	996456	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.856	14.876	-0.020	80	9801	0.1000	0.1026	M
105 Dibenz(a,h)anthracene	278	14.886	14.900	-0.014	44	10980	0.1000	0.0872	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 10:09:38 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05932.D

Injection Date: 20-Jun-2014 07:20:30 Instrument ID: CBNAMS13 Operator ID:

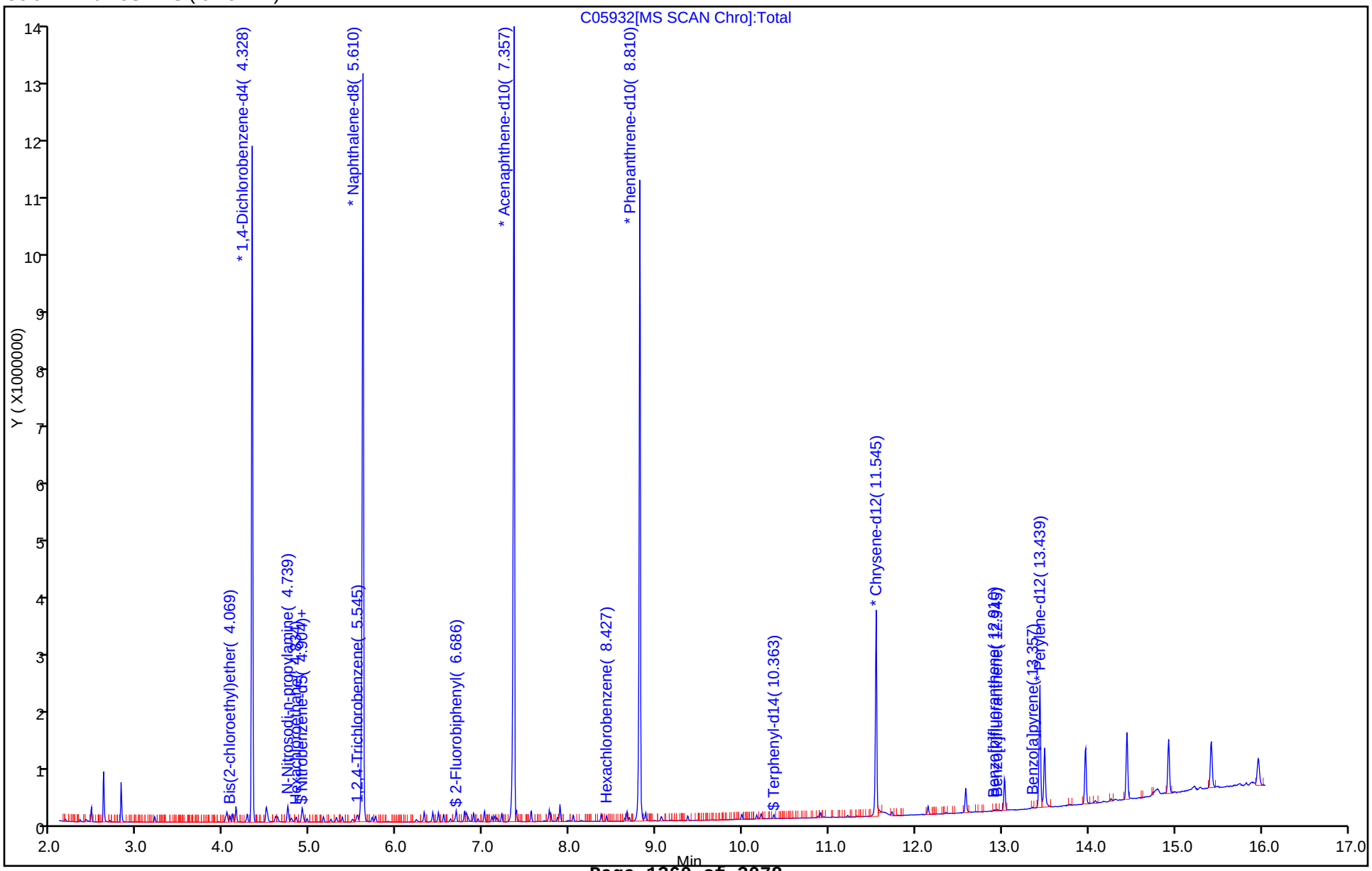
Lims ID: STD01 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

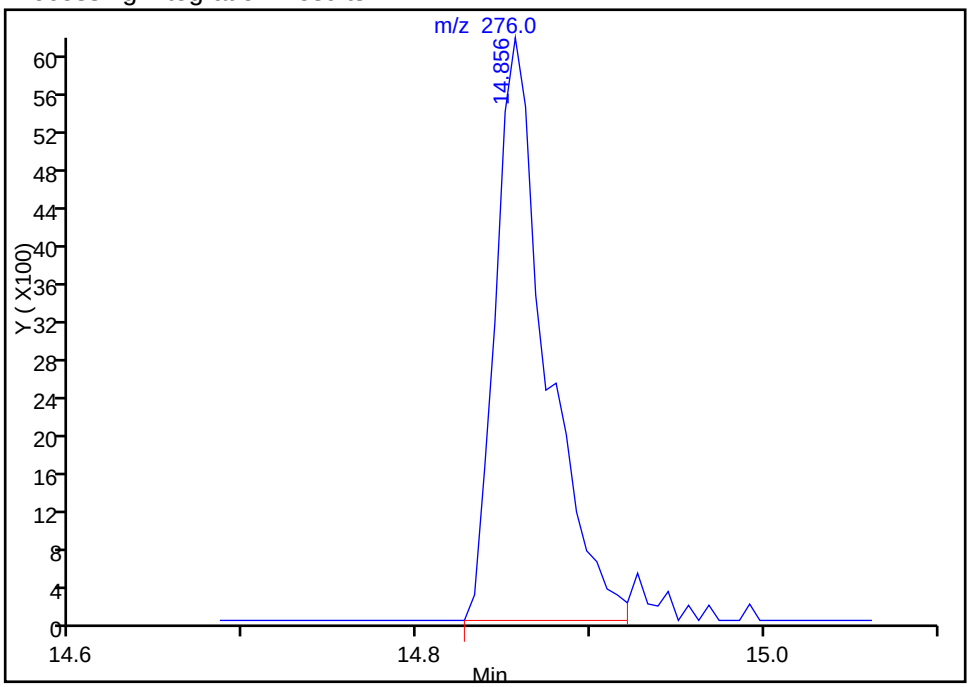
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05932.D
Injection Date: 20-Jun-2014 07:20:30 Instrument ID: CBNAMS13
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

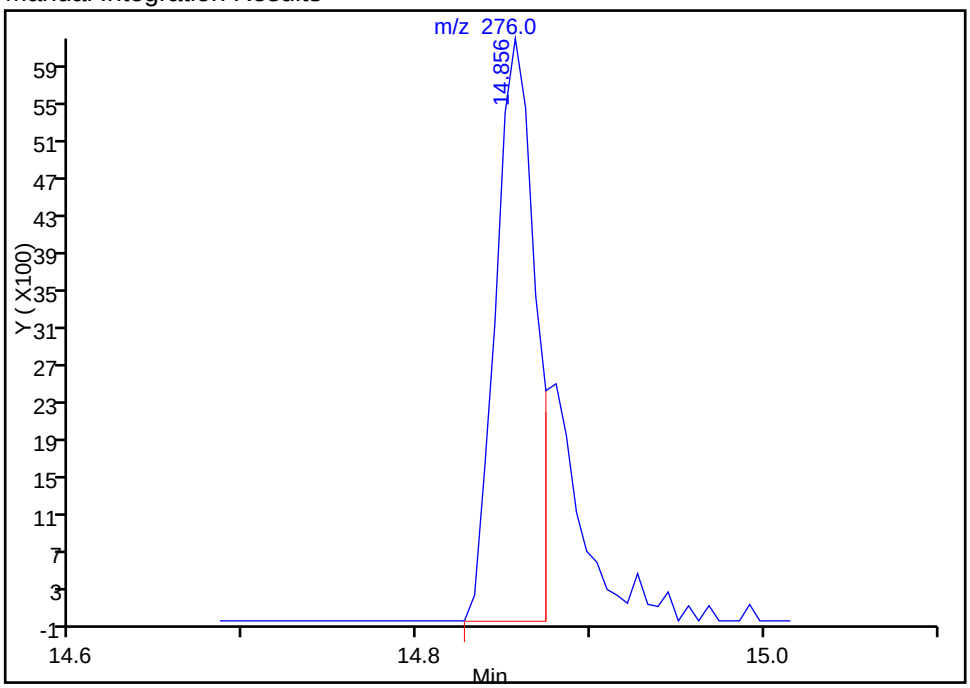
Processing Integration Results

RT: 14.86
Response: 12515
Amount: 0.094455



Manual Integration Results

RT: 14.86
Response: 9801
Amount: 0.102559



Reviewer: croccom, 20-Jun-2014 08:37:17
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 07:44 Calibration End Date: 06/20/2014 09:44 Calibration ID: 40232

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-231786/15	C05938.D
Level 2	IC 460-231786/14	C05937.D
Level 3	IC460-231786/13	C05936.D
Level 4	IC 460-231786/10	C05933.D
Level 5	IC 460-231786/12	C05935.D
Level 6	IC 460-231786/11	C05934.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								
Benzaldehyde	1.1277 1.0276	1.1084	1.1069	1.1680	1.0288	Ave		1.0946			0.0100	5.1		20.0			

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.: 460-78044-1 Analy Batch No.: 231786

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2014 07:44 Calibration End Date: 06/20/2014 09:44 Calibration ID: 40232

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-231786/15	C05938.D
Level 2	IC 460-231786/14	C05937.D
Level 3	IC460-231786/13	C05936.D
Level 4	IC 460-231786/10	C05933.D
Level 5	IC 460-231786/12	C05935.D
Level 6	IC 460-231786/11	C05934.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	257797 5479056	500219	993160	2561266	3698694	1.00 24.0	2.00	4.00	10.0	16.0

Curve Type Legend:
Ave = Average ISTD

Report Date: 22-Jun-2014 11:24:13 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05933.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Jun-2014 07:44:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-010
Misc. Info.: STD10
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 11:24:12 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: zhaoc Date: 22-Jun-2014 11:24:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.928	3.928	0.000	90	2561266	10.0	10.7	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.328	0.000	98	1754320	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.610	0.000	100	6731649	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.357	0.000	95	3395001	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.810	0.000	99	4495143	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.545	0.000	98	1441498	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.439	0.000	96	952498	8.00	8.00	

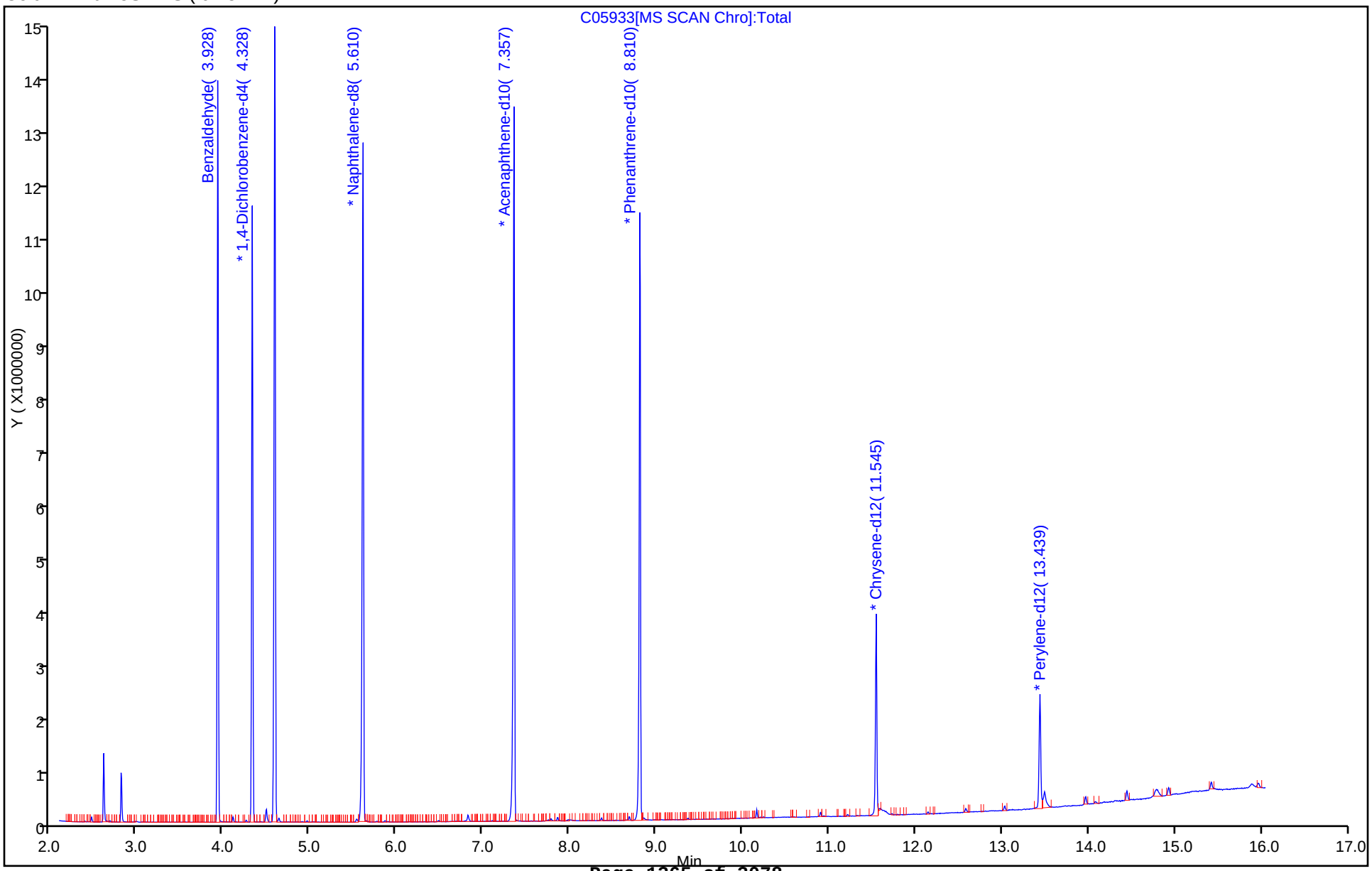
Report Date: 22-Jun-2014 11:24:13 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05933.D

Injection Date:	20-Jun-2014 07:44:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std10			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 22-Jun-2014 10:09:46 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05934.D
Lims ID: std24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Jun-2014 08:08:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-011
Misc. Info.: STD24
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:45 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 08:38:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.940	3.928	0.012	90	5479056	24.0	22.5	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.328	0.000	98	1777236	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.610	0.000	100	6856069	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.357	0.000	94	3434503	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.810	0.000	99	4439011	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.545	0.000	98	1486094	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.439	0.000	97	1000240	8.00	8.00	

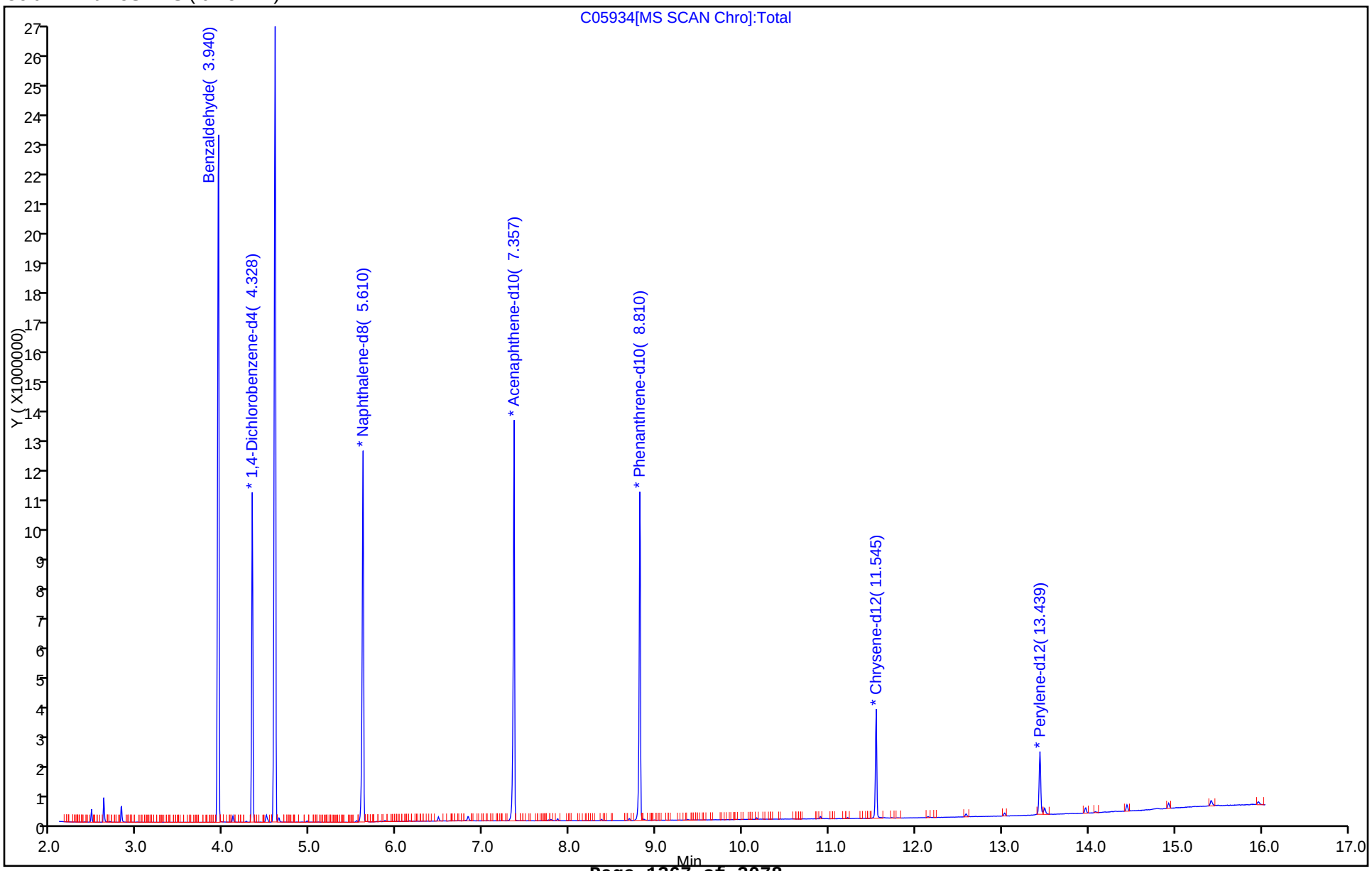
Report Date: 22-Jun-2014 10:09:46 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05934.D

Injection Date:	20-Jun-2014 08:08:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std24			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 20:05:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05935.D
Lims ID: std16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Jun-2014 08:32:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-012
Misc. Info.: STD16
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 20:05:55 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: croccom Date: 20-Jun-2014 08:57:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.934	3.928	0.006	90	3698694	16.0	15.0	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1797502	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	99	6835080	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	94	3420853	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	4475050	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1435528	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	950666	8.00	8.00	

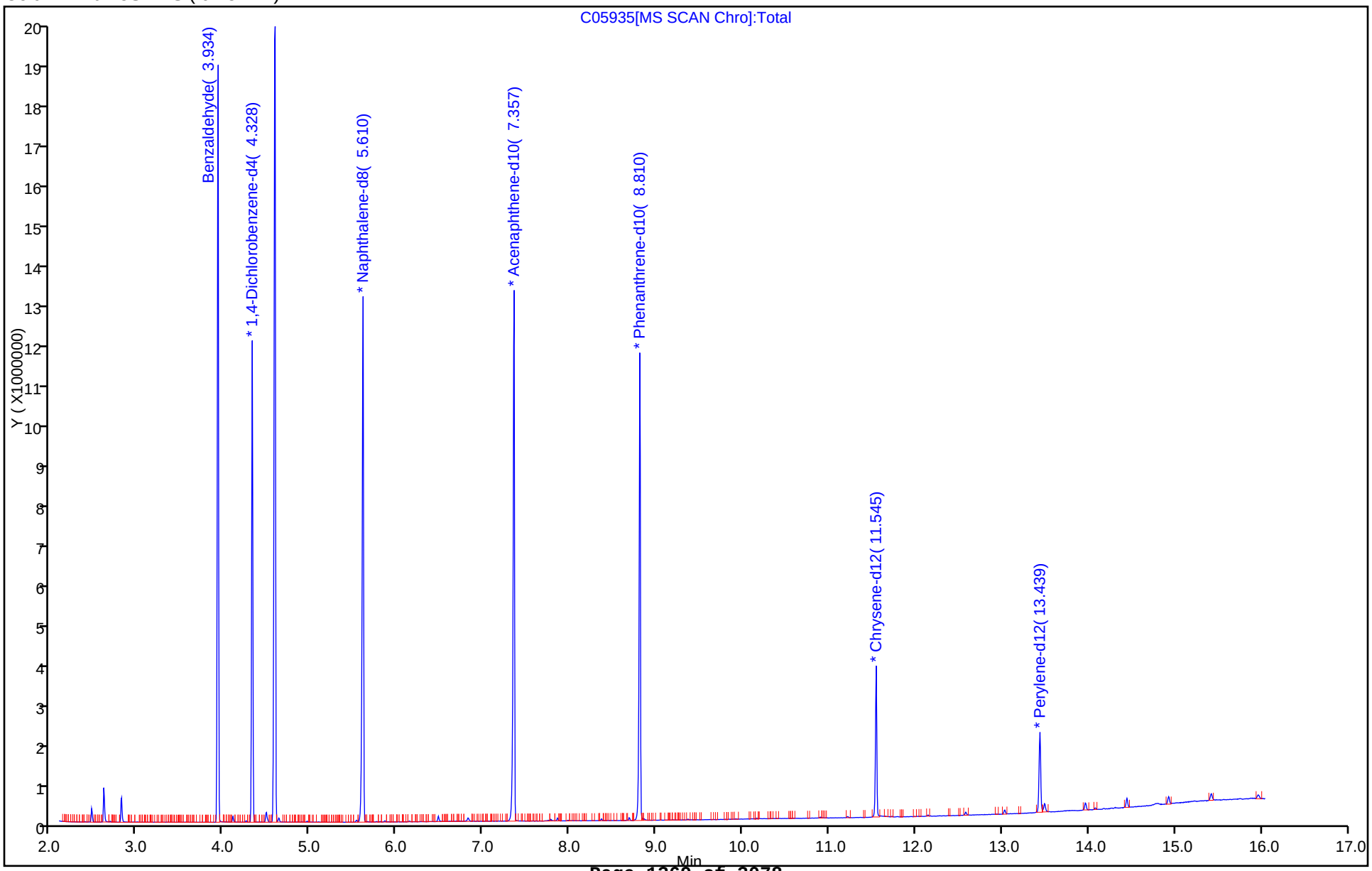
Report Date: 23-Jun-2014 20:05:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05935.D

Injection Date:	20-Jun-2014 08:32:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std16			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 20:06:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05936.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Jun-2014 08:56:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-013
Misc. Info.: STD4STD2
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 20:06:04 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: croccom Date: 20-Jun-2014 09:24:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.928	3.928	0.000	89	993160	4.00	4.05	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.336	-0.008	98	1794465	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.618	-0.008	100	6841432	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.365	-0.008	95	3405533	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.818	-0.008	99	4527895	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.553	-0.008	98	1626054	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.447	-0.008	97	1080167	8.00	8.00	

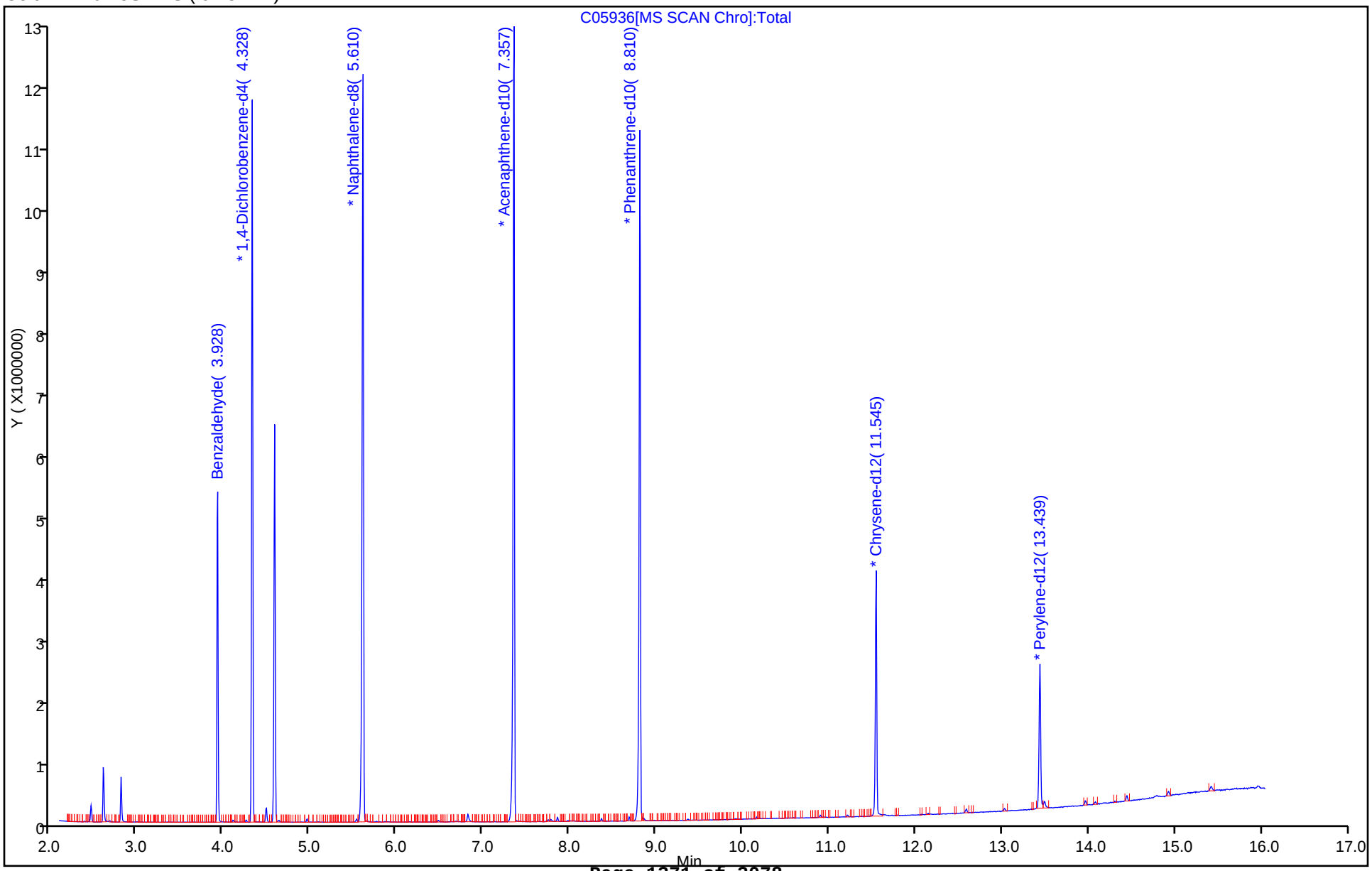
Report Date: 23-Jun-2014 20:06:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05936.D

Injection Date:	20-Jun-2014 08:56:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std4			Worklist Smp#:	13
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 22-Jun-2014 10:09:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05937.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Jun-2014 09:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-014
Misc. Info.: STD1
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:55 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 09:38:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.922	3.928	-0.006	89	500219	2.00	2.03	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.328	0.000	98	1805267	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.610	0.000	100	6907615	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.357	0.000	94	3479469	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.810	0.000	99	4520031	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.545	0.000	98	1562838	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.439	0.000	97	1027416	8.00	8.00	

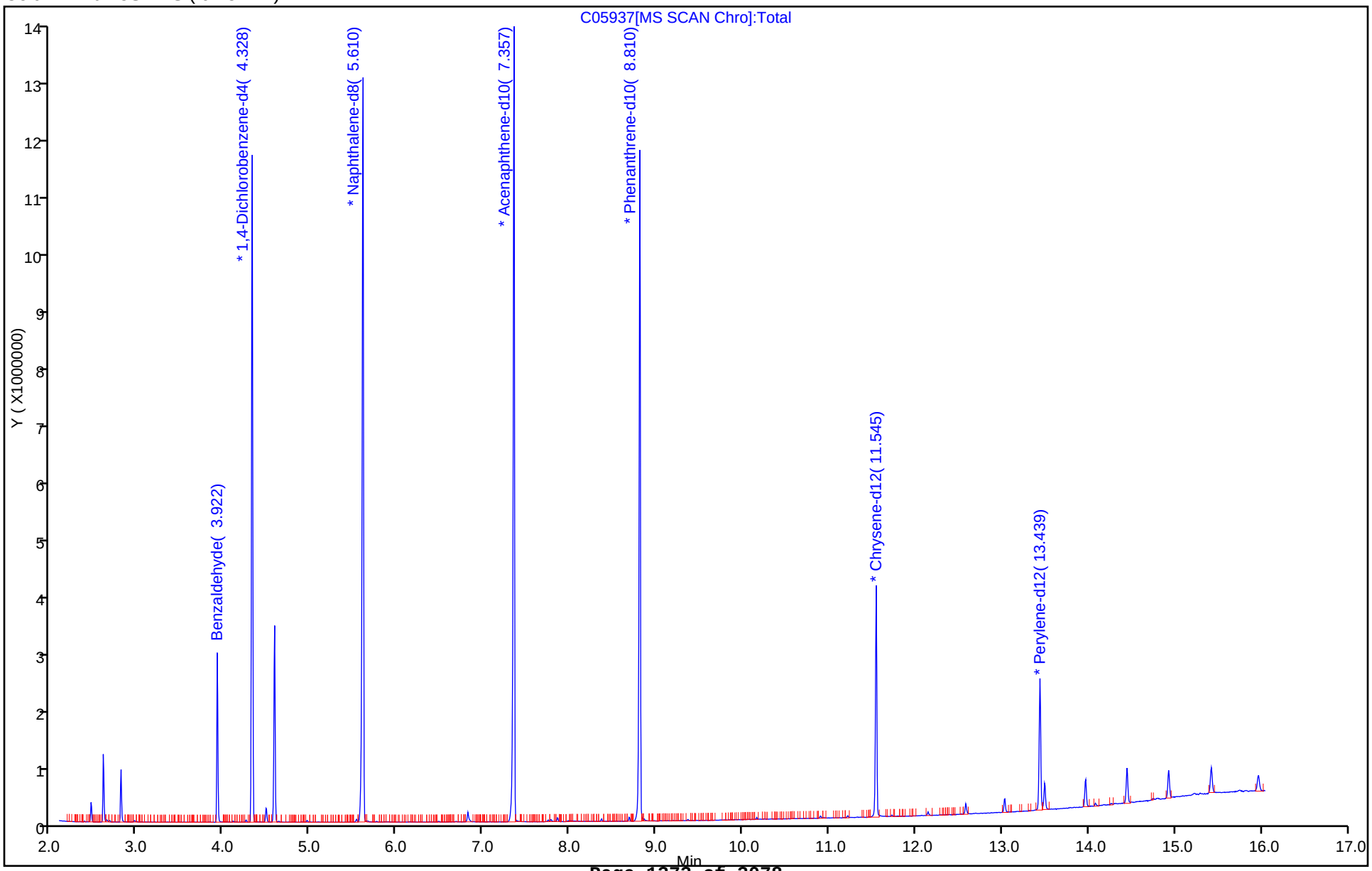
Report Date: 22-Jun-2014 10:09:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05937.D

Injection Date:	20-Jun-2014 09:20:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std2			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 22-Jun-2014 10:09:59 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Jun-2014 09:44:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-015
Misc. Info.: ICV
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 22-Jun-2014 10:09:58 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: croccom Date: 20-Jun-2014 10:05:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.922	3.928	-0.006	91	257797	1.00	1.03	
* 13 1,4-Dichlorobenzene-d4	152	4.328	4.328	0.000	98	1828870	8.00	8.00	
* 35 Naphthalene-d8	136	5.610	5.610	0.000	100	6957435	8.00	8.00	
* 61 Acenaphthene-d10	164	7.357	7.357	0.000	94	3498486	8.00	8.00	
* 83 Phenanthrene-d10	188	8.810	8.810	0.000	99	4689164	8.00	8.00	
* 96 Chrysene-d12	240	11.545	11.545	0.000	98	1818131	8.00	8.00	
* 103 Perylene-d12	264	13.439	13.439	0.000	97	1057876	8.00	8.00	

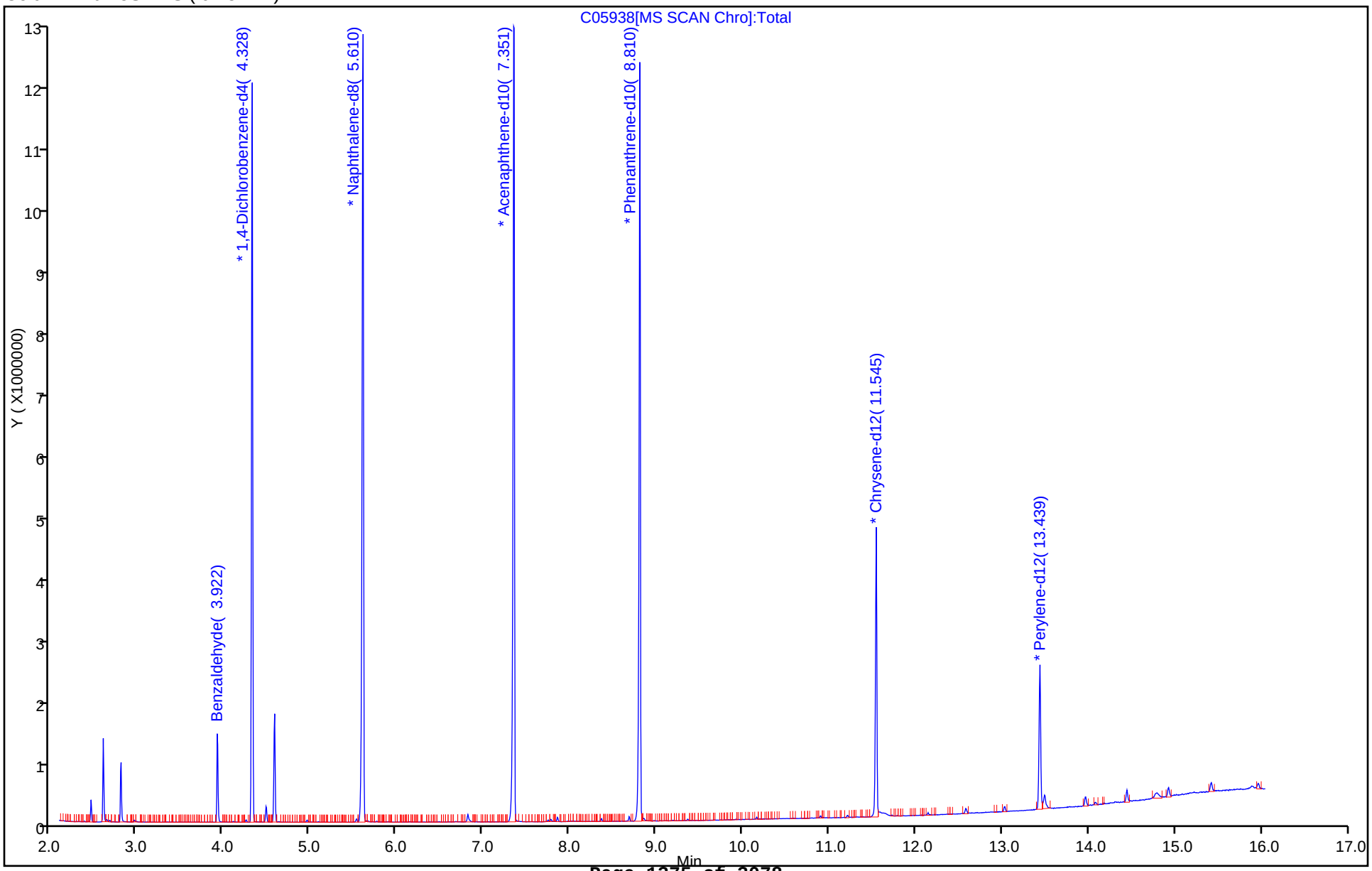
Report Date: 22-Jun-2014 10:09:59 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Injection Date:	20-Jun-2014 09:44:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	std1			Worklist Smp#:	15
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232407/2 Calibration Date: 06/24/2014 03:17

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150864.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5237	0.5286	0.0100	50500	50000	0.9	20.0
N-Nitrosodimethylamine	Ave	0.7775	0.7810		50200	50000	0.5	20.0
Pyridine	Ave	1.316	1.351		51300	50000	2.7	20.0
Phenol	Ave	1.603	1.511	0.8000	47100	50000	-5.8	20.0
Aniline	Ave	1.929	1.856		48100	50000	-3.8	20.0
Bis(2-chloroethyl)ether	Ave	1.259	1.220	0.7000	48500	50000	-3.1	20.0
2-Chlorophenol	Ave	1.328	1.306	0.8000	49200	50000	-1.7	20.0
n-Decane	Ave	2.562	2.751	0.0100	53700	50000	7.4	20.0
1,3-Dichlorobenzene	Ave	1.524	1.532		50300	50000	0.5	20.0
1,4-Dichlorobenzene	Ave	1.532	1.548		50500	50000	1.0	20.0
Benzyl alcohol	Ave	0.7479	0.7177	0.0100	48000	50000	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.443	1.460		50600	50000	1.2	20.0
2-Methylphenol	Ave	1.129	1.051	0.7000	46500	50000	-6.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.159	3.114	0.0100	49300	50000	-1.4	20.0
3 & 4 Methylphenol	Ave	1.238	1.129		45600	50000	-8.8	20.0
4-Methylphenol	Ave	1.236	1.128	0.6000	45600	50000	-8.8	20.0
Acetophenone	Ave	1.681	1.563	0.0100	46500	50000	-7.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.9271	0.8688	0.5000	46900	50000	-6.3	20.0
Hexachloroethane	Ave	0.5852	0.6119	0.3000	52300	50000	4.6	20.0
n,n'-Dimethylaniline	Ave	1.924	1.896	0.0100	49300	50000	-1.4	20.0
Nitrobenzene	Ave	0.5204	0.5338	0.2000	51300	50000	2.6	20.0
Isophorone	Ave	0.6059	0.5782	0.4000	47700	50000	-4.6	20.0
2-Nitrophenol	Ave	0.1848	0.1887	0.1000	51000	50000	2.1	20.0
2,4-Dimethylphenol	Ave	0.2873	0.2878	0.2000	50100	50000	0.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3882	0.3858	0.3000	49700	50000	-0.6	20.0
2,4-Dichlorophenol	Ave	0.2805	0.2786	0.2000	49700	50000	-0.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3338	0.3509		52600	50000	5.1	20.0
Naphthalene	Ave	0.997	1.002	0.7000	50200	50000	0.5	20.0
4-Chloroaniline	Ave	0.3909	0.3907	0.0100	50000	50000	-0.0	20.0
Hexachlorobutadiene	Ave	0.2056	0.2246	0.0100	54600	50000	9.2	20.0
Caprolactam	Ave	0.0813	0.0779	0.0100	47900	50000	-4.3	20.0
4-Chloro-3-methylphenol	Ave	0.2554	0.2443		47800	50000	-4.3	20.0
2-Methylnaphthalene	Ave	0.6603	0.6499	0.4000	49200	50000	-1.6	20.0
1-Methylnaphthalene	Ave	0.6131	0.5977	0.0100	48700	50000	-2.5	20.0
Hexachlorocyclopentadiene	Ave	0.4019	0.4422	0.0500	55000	50000	10.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6140	0.6529	0.0100	53200	50000	6.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4117	0.4176	0.0100	50700	50000	1.4	20.0
2,4,6-Trichlorophenol	Ave	0.3658	0.3797	0.2000	51900	50000	3.8	20.0
2,4,5-Trichlorophenol	Ave	0.3806	0.3857	0.2000	50700	50000	1.4	20.0
Diphenyl	Ave	1.457	1.497	0.0100	51400	50000	2.7	20.0
2-Chloronaphthalene	Ave	1.107	1.144	0.8000	51700	50000	3.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232407/2 Calibration Date: 06/24/2014 03:17

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150864.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.7693	0.8061	0.0100	52400	50000	4.8	20.0
2-Nitroaniline	Ave	0.4371	0.4444	0.0100	50800	50000	1.7	20.0
1,3-Dimethylnaphthalene	Ave	0.9025	0.9312	0.0100	51600	50000	3.2	20.0
Dimethyl phthalate	Ave	1.119	1.105	0.0100	49400	50000	-1.2	20.0
Coumarin	Ave	0.1956	0.1870	0.0100	47800	50000	-4.4	20.0
2,6-Dinitrotoluene	Ave	0.2705	0.2745	0.2000	50700	50000	1.5	20.0
Acenaphthylene	Ave	1.630	1.628	0.9000	49900	50000	-0.1	20.0
3-Nitroaniline	Ave	0.2734	0.2766	0.0100	50600	50000	1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9443	1.049	0.0100	55500	50000	11.1	20.0
Acenaphthene	Ave	1.050	1.052	0.9000	50100	50000	0.2	20.0
2,4-Dinitrophenol	Ave	0.1651	0.1817	0.0100	110000	100000	10.1	20.0
4-Nitrophenol	Ave	0.2032	0.2248	0.0100	111000	100000	10.6	20.0
2,4-Dinitrotoluene	Ave	0.3372	0.3412	0.2000	50600	50000	1.2	20.0
Dibenzofuran	Ave	1.533	1.540	0.8000	50300	50000	0.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3121	0.3184	0.0100	51000	50000	2.0	20.0
Diethyl phthalate	Ave	1.065	1.058	0.0100	49600	50000	-0.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5873	0.5977	0.4000	50900	50000	1.8	20.0
Fluorene	Ave	1.222	1.231	0.9000	50400	50000	0.7	20.0
4-Nitroaniline	Ave	0.2453	0.2607	0.0100	53100	50000	6.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1422	0.1476	0.0100	104000	100000	3.8	20.0
N-Nitrosodiphenylamine	Ave	0.5538	0.5655	0.0100	51100	50000	2.1	20.0
1,2-Diphenylhydrazine	Ave	0.8143	0.8187	0.0100	50300	50000	0.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2320	0.2347	0.1000	50600	50000	1.2	20.0
Hexachlorobenzene	Ave	0.2413	0.2408	0.1000	49900	50000	-0.2	20.0
Atrazine	Ave	0.1841	0.1910	0.0100	51900	50000	3.7	20.0
Pentachlorophenol	Ave	0.1478	0.1555	0.0500	105000	100000	5.2	20.0
Pentachloronitrobenzene	Ave	0.0975	0.1014	0.0100	52000	50000	4.0	20.0
n-Octadecane	Ave	0.6852	0.7309	0.0100	53300	50000	6.7	20.0
Phenanthrene	Ave	1.062	1.069	0.7000	50300	50000	0.7	20.0
Anthracene	Ave	1.084	1.096	0.7000	50600	50000	1.1	20.0
Carbazole	Ave	0.9210	0.9345	0.0100	50700	50000	1.5	20.0
Di-n-butyl phthalate	Ave	1.068	1.073	0.0100	50200	50000	0.5	20.0
Fluoranthene	Ave	1.059	1.091	0.6000	51500	50000	3.1	20.0
Benzidine	Ave	0.4057	0.5208		64200	50000	28.4*	20.0
Pyrene	Ave	1.234	1.089	0.6000	44100	50000	-11.8	20.0
Butyl benzyl phthalate	Ave	0.4685	0.4282	0.0100	45700	50000	-8.6	20.0
2,3,7,8-TCDD	Ave	0.1219	0.1147	0.0100	470	500	-5.9	20.0
Carbamazepine	Lin2		0.4902	0.0100	60600	50000	21.2*	20.0
3,3'-Dichlorobenzidine	Ave	0.3710	0.4416	0.0100	59500	50000	19.0	20.0
Benzo[a]anthracene	Ave	1.057	1.043	0.8000	49300	50000	-1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232407/2 Calibration Date: 06/24/2014 03:17

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150864.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.6491	0.5820	0.0100	44800	50000	-10.3	20.0
Chrysene	Ave	0.9629	0.9878	0.7000	51300	50000	2.6	20.0
Di-n-octyl phthalate	Ave	1.114	0.8373	0.0100	37600	50000	-24.9*	20.0
Benzo[b]fluoranthene	Ave	1.001	0.9751	0.7000	48700	50000	-2.6	20.0
Benzo[k]fluoranthene	Ave	1.059	1.048	0.7000	49400	50000	-1.1	20.0
Benzo[a]pyrene	Ave	0.9613	1.016	0.7000	52900	50000	5.7	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.208	0.5000	56600	50000	13.2	20.0
Dibenz(a,h)anthracene	Lin2		1.153	0.4000	54700	50000	9.5	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.229	0.5000	56300	50000	12.6	20.0
2-Fluorophenol	Ave	1.265	1.273	0.0100	50300	50000	0.7	20.0
Phenol-d5	Ave	1.556	1.487	0.0100	47800	50000	-4.4	20.0
Nitrobenzene-d5	Ave	0.3751	0.3912	0.0100	52100	50000	4.3	20.0
2-Fluorobiphenyl	Ave	1.303	1.401	0.0100	53700	50000	7.5	20.0
2,4,6-Tribromophenol	Ave	0.1884	0.1919	0.0100	50900	50000	1.8	20.0
Terphenyl-d14	Ave	0.8549	0.7737	0.0100	45300	50000	-9.5	20.0

Report Date: 24-Jun-2014 16:41:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150864.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2014 03:17:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:41:32 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 24-Jun-2014 03:45:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.757	1.757	0.000	88	54252	50.0	50.5	
	2 N-Nitrosodimethylamine	74	1.998	1.998	0.000	65	80150	50.0	50.2	
	3 Pyridine	79	2.034	2.034	0.000	70	138661	50.0	51.3	
$	4 2-Fluorophenol	112	3.192	3.192	0.000	86	130628	50.0	50.3	
$	6 Phenol-d5	99	4.122	4.122	0.000	88	152631	50.0	47.8	
	7 Phenol	94	4.134	4.134	0.000	94	155046	50.0	47.1	
	8 Aniline	93	4.175	4.175	0.000	90	190465	50.0	48.1	
	9 Bis(2-chloroethyl)ether	93	4.239	4.239	0.000	88	125196	50.0	48.5	
	124 Benzonitrile	103	4.263	4.263	0.000	1	238829	NC	NC	
	10 2-Chlorophenol	128	4.292	4.292	0.000	83	134003	50.0	49.2	
	11 n-Decane	43	4.339	4.339	0.000	96	282344	50.0	53.7	
	12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	93	157227	50.0	50.3	
*	13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	82101	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.528	4.528	0.000	84	158876	50.0	50.5	
	15 Benzyl alcohol	108	4.639	4.639	0.000	87	73650	50.0	48.0	
	16 1,2-Dichlorobenzene	146	4.681	4.681	0.000	94	149853	50.0	50.6	
	17 2-Methylphenol	108	4.751	4.751	0.000	84	107863	50.0	46.5	
	18 2,2'-oxybis[1-chloropropan	45	4.781	4.781	0.000	56	319588	50.0	49.3	
	125 N-Methylaniline	106	4.904	4.904	0.000	74	179587	NC	NC	
	21 4-Methylphenol	108	4.904	4.904	0.000	74	115733	50.0	45.6	
	22 3 & 4 Methylphenol	108	4.904	4.904	0.000	80	115819	50.0	45.6	
	20 N-Nitrosodi-n-propylamine	70	4.916	4.916	0.000	82	89157	50.0	46.9	
	19 Acetophenone	105	4.916	4.916	0.000	86	160395	50.0	46.5	
	24 Hexachloroethane	117	5.022	5.022	0.000	91	62798	50.0	52.3	
$	25 Nitrobenzene-d5	82	5.069	5.069	0.000	95	134719	50.0	52.1	
	26 Nitrobenzene	77	5.086	5.086	0.000	79	183844	50.0	51.3	
	27 n,n'-Dimethylaniline	120	5.086	5.086	0.000	81	194616	50.0	49.3	
	28 Isophorone	82	5.328	5.328	0.000	97	199127	50.0	47.7	
	29 2-Nitrophenol	139	5.404	5.404	0.000	77	64979	50.0	51.0	
	30 2,4-Dimethylphenol	122	5.445	5.445	0.000	89	99113	50.0	50.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.545	5.545	0.000	92	132885	50.0	49.7	
33 2,4-Dichlorophenol	162	5.645	5.645	0.000	91	95937	50.0	49.7	
34 1,2,4-Trichlorobenzene	180	5.733	5.733	0.000	90	120843	50.0	52.6	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	275529	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	97	345144	50.0	50.2	
37 4-Chloroaniline	127	5.869	5.869	0.000	95	134553	50.0	50.0	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	93	77337	50.0	54.6	
39 Caprolactam	113	6.210	6.210	0.000	85	26818	50.0	47.9	
40 4-Chloro-3-methylphenol	107	6.351	6.351	0.000	90	84150	50.0	47.8	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	83	223838	50.0	49.2	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	91	205843	50.0	48.7	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	89	77086	50.0	55.0	
44 1,2,4,5-Tetrachlorobenzene	216	6.680	6.680	0.000	98	113826	50.0	53.2	
45 2-tertbutyl-4-methylphenol	149	6.704	6.704	0.000	78	143827	50.0	50.7	
46 2,4,6-Trichlorophenol	196	6.792	6.792	0.000	90	66194	50.0	51.9	
47 2,4,5-Trichlorophenol	196	6.828	6.828	0.000	94	67242	50.0	50.7	
$ 48 2-Fluorobiphenyl	172	6.880	6.880	0.000	98	244160	50.0	53.7	
49 1,1'-Biphenyl	154	6.975	6.975	0.000	96	260905	50.0	51.4	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	95	199476	50.0	51.7	
53 Phenyl ether	170	7.080	7.080	0.000	90	140528	50.0	52.4	
54 2-Nitroaniline	65	7.098	7.098	0.000	93	77474	50.0	50.8	
55 1,3-Dimethylnaphthalene	156	7.216	7.216	0.000	93	162335	50.0	51.6	
56 Dimethyl phthalate	163	7.280	7.280	0.000	98	192649	50.0	49.4	
57 Coumarin	146	7.304	7.304	0.000	72	64393	50.0	47.8	
58 2,6-Dinitrotoluene	165	7.339	7.339	0.000	18	47844	50.0	50.7	
59 Acenaphthylene	152	7.410	7.410	0.000	96	283728	50.0	49.9	
60 3-Nitroaniline	138	7.504	7.504	0.000	89	48213	50.0	50.6	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	139464	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.569	7.569	0.000	94	182862	50.0	55.5	
62 Acenaphthene	154	7.580	7.580	0.000	92	183385	50.0	50.1	
64 2,4-Dinitrophenol	184	7.610	7.610	0.000	74	63365	100.0	110.1	
65 4-Nitrophenol	65	7.663	7.663	0.000	91	78360	100.0	110.6	
67 2,4-Dinitrotoluene	165	7.739	7.739	0.000	93	59480	50.0	50.6	
66 Dibenzofuran	168	7.757	7.757	0.000	89	268536	50.0	50.3	
68 2,3,4,6-Tetrachlorophenol	232	7.869	7.869	0.000	92	55508	50.0	51.0	
69 Diethyl phthalate	149	7.980	7.980	0.000	97	184367	50.0	49.6	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	72	104192	50.0	50.9	
70 Fluorene	166	8.092	8.092	0.000	83	214628	50.0	50.4	
72 4-Nitroaniline	138	8.110	8.110	0.000	95	45444	50.0	53.1	
73 4,6-Dinitro-2-methylphenol	198	8.139	8.139	0.000	70	77496	100.0	103.8	
74 N-Nitrosodiphenylamine	169	8.210	8.210	0.000	67	148462	50.0	51.1	
75 1,2-Diphenylhydrazine	77	8.251	8.251	0.000	99	214954	50.0	50.3	
$ 76 2,4,6-Tribromophenol	330	8.327	8.327	0.000	94	33448	50.0	50.9	
77 4-Bromophenyl phenyl ether	248	8.574	8.574	0.000	88	61618	50.0	50.6	
78 Hexachlorobenzene	284	8.633	8.633	0.000	96	63218	50.0	49.9	
79 Atrazine	200	8.733	8.733	0.000	85	50145	50.0	51.9	
121 Pentachlorophenol	266	8.827	8.827	0.000	91	81645	100.0	105.2	
81 Pentachloronitrobenzene	237	8.839	8.839	0.000	84	26627	50.0	52.0	
82 n-Octadecane	57	8.904	8.904	0.000	93	191893	50.0	53.3	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	98	210035	40.0	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	96	280674	50.0	50.3	
85 Anthracene	178	9.092	9.092	0.000	97	287810	50.0	50.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.251	9.251	0.000	82	245351	50.0	50.7	
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	100	281745	50.0	50.2	
88 Fluoranthene	202	10.216	10.216	0.000	98	286482	50.0	51.5	
122 Benzidine	184	10.351	10.351	0.000	99	136719	50.0	64.2	
90 Pyrene	202	10.451	10.451	0.000	97	289517	50.0	44.1	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	99	205774	50.0	45.3	
92 Butyl benzyl phthalate	149	11.157	11.157	0.000	98	113893	50.0	45.7	
108 2,3,7,8-TCDD	320	11.263	11.263	0.000	1	305	0.5000	0.4704	
93 Carbamazepine	193	11.286	11.286	0.000	90	130378	50.0	60.6	
94 3,3'-Dichlorobenzidine	252	11.804	11.804	0.000	99	117443	50.0	59.5	
95 Benzo[a]anthracene	228	11.839	11.839	0.000	93	277338	50.0	49.3	
* 96 Chrysene-d12	240	11.851	11.851	0.000	97	212769	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.874	11.874	0.000	87	154776	50.0	44.8	
97 Chrysene	228	11.886	11.886	0.000	96	262704	50.0	51.3	
99 Di-n-octyl phthalate	149	12.774	12.774	0.000	93	272940	50.0	37.6	
100 Benzo[b]fluoranthene	252	13.292	13.292	0.000	98	317858	50.0	48.7	
101 Benzo[k]fluoranthene	252	13.333	13.333	0.000	99	341478	50.0	49.4	
102 Benzo[a]pyrene	252	13.751	13.751	0.000	96	331339	50.0	52.9	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	260775	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.321	15.321	0.000	96	393714	50.0	56.6	
105 Dibenz(a,h)anthracene	278	15.356	15.356	0.000	96	376002	50.0	54.7	
106 Benzo[g,h,i]perylene	276	15.703	15.703	0.000	93	400596	50.0	56.3	
S 119 Total Cresols	1				0			92.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

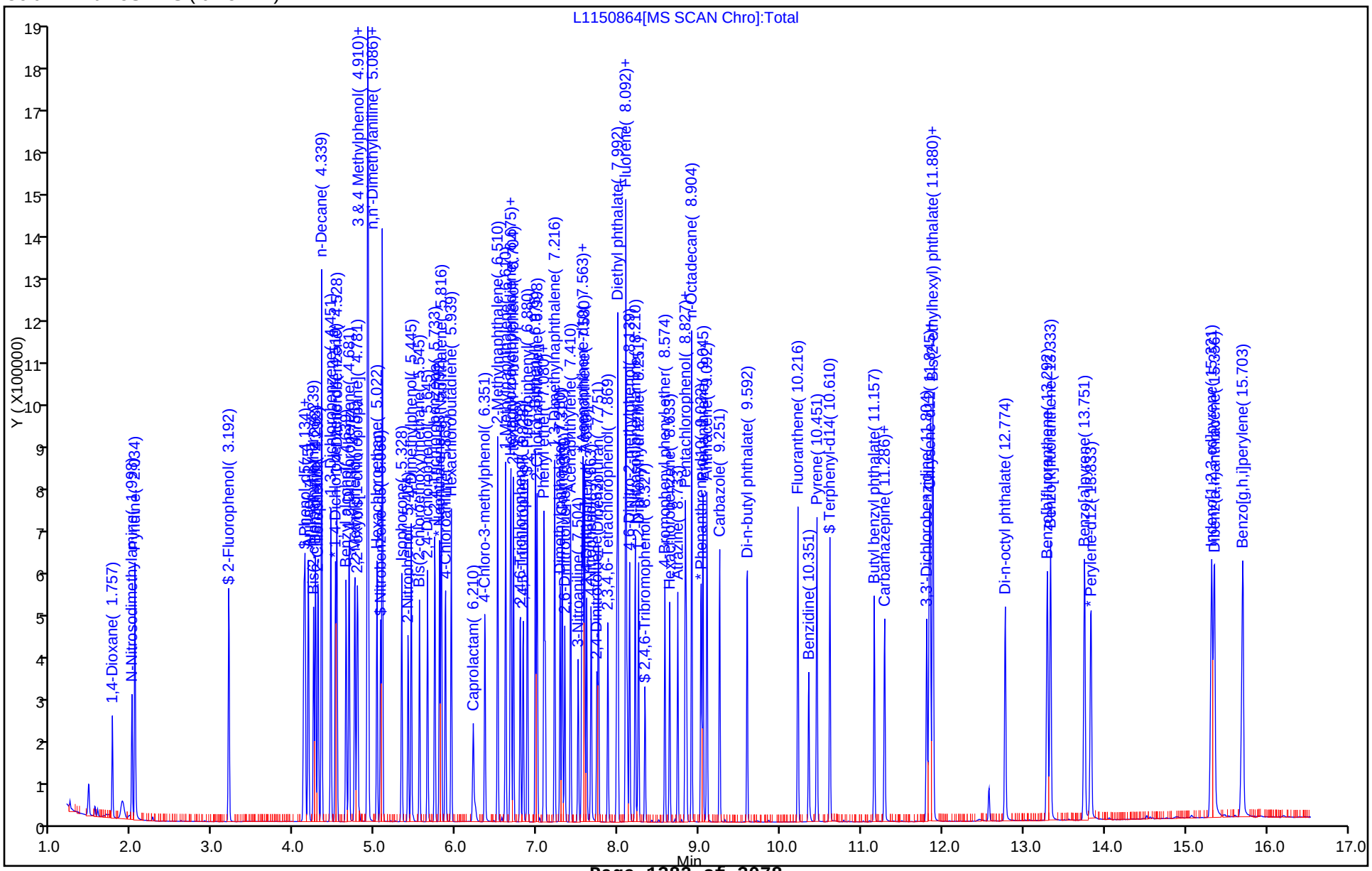
Report Date: 24-Jun-2014 16:41:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150864.D

Injection Date:	24-Jun-2014 03:17:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232407/3 Calibration Date: 06/24/2014 03:53

Instrument ID: CBNAMS12 Calib Start Date: 06/23/2014 01:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 03:25

Lab File ID: L1150865.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.110	1.158	0.0100	52200	50000	4.3	20.0
Benzoic acid	Lin2		0.1750		54700	50000	9.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150865.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 24-Jun-2014 03:53:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:41:36 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.069	4.069	0.000	86	179426	50.0	52.2	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	123904	40.0	40.0	
32 Benzoic acid	122	5.557	5.557	0.000	92	97342	50.0	54.7	
* 35 Naphthalene-d8	136	5.793	5.793	0.000	99	445037	40.0	40.0	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	231325	40.0	40.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	312574	40.0	40.0	
* 96 Chrysene-d12	240	11.851	11.851	0.000	99	175682	40.0	40.0	
* 103 Perylene-d12	264	13.833	13.833	0.000	98	170890	40.0	40.0	

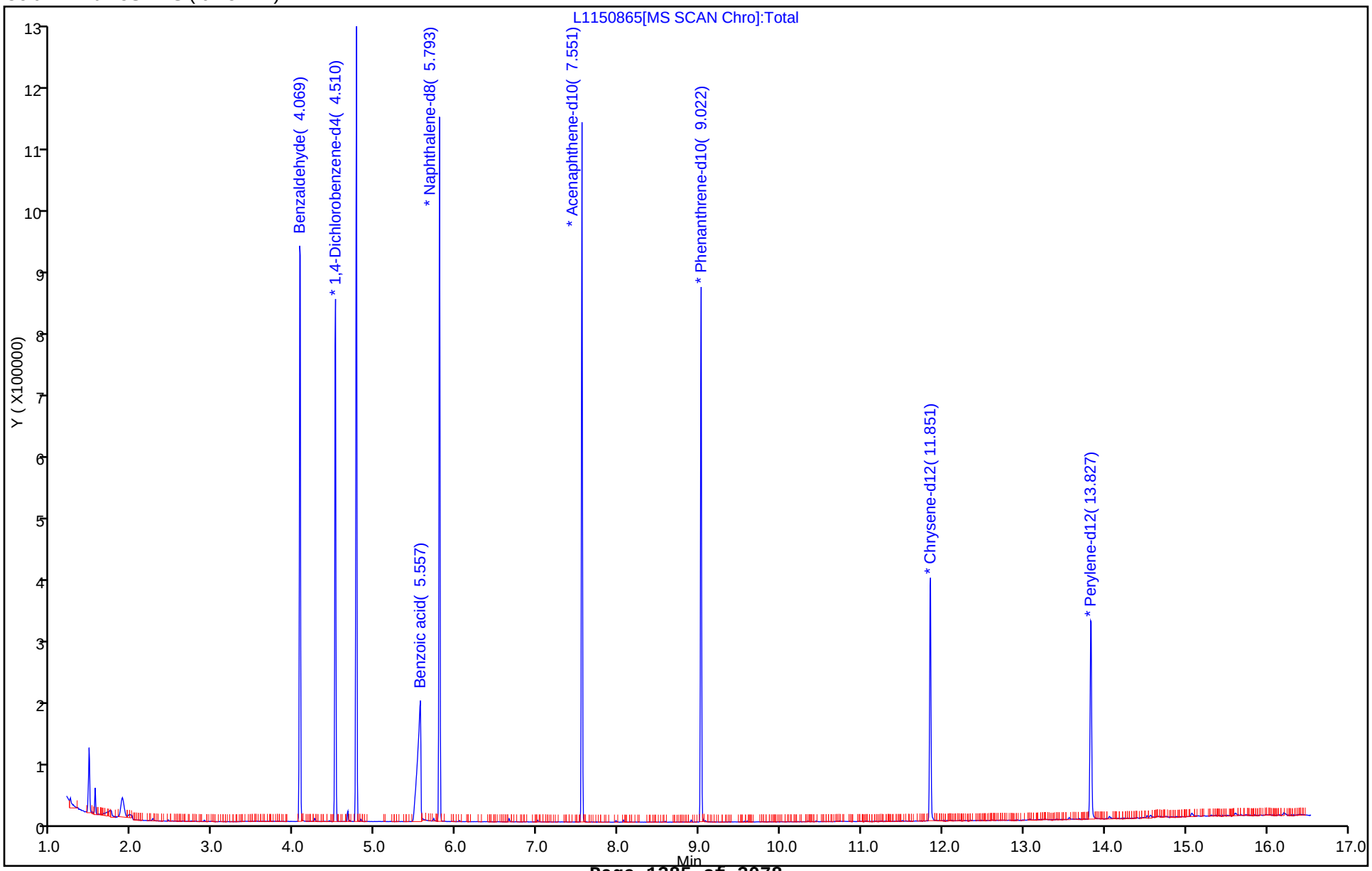
Report Date: 24-Jun-2014 16:41:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150865.D

Injection Date:	24-Jun-2014 03:53:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232560/2 Calibration Date: 06/24/2014 18:15

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150895.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5237	0.5182	0.0100	49500	50000	-1.1	20.0
N-Nitrosodimethylamine	Ave	0.7775	0.7395		47600	50000	-4.9	20.0
Pyridine	Ave	1.316	1.292		49100	50000	-1.8	20.0
Phenol	Ave	1.603	1.513	0.8000	47200	50000	-5.6	20.0
Aniline	Ave	1.929	1.810		46900	50000	-6.2	20.0
Bis(2-chloroethyl)ether	Ave	1.259	1.214	0.7000	48200	50000	-3.6	20.0
2-Chlorophenol	Ave	1.328	1.308	0.8000	49300	50000	-1.5	20.0
n-Decane	Ave	2.562	2.614	0.0100	51000	50000	2.0	20.0
1,3-Dichlorobenzene	Ave	1.524	1.546		50700	50000	1.5	20.0
1,4-Dichlorobenzene	Ave	1.532	1.533		50000	50000	0.0	20.0
Benzyl alcohol	Ave	0.7479	0.7421	0.0100	49600	50000	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.443	1.451		50300	50000	0.6	20.0
2-Methylphenol	Ave	1.129	1.065	0.7000	47200	50000	-5.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.159	3.051	0.0100	48300	50000	-3.4	20.0
3 & 4 Methylphenol	Ave	1.238	1.184		47800	50000	-4.4	20.0
4-Methylphenol	Ave	1.236	1.184	0.6000	47900	50000	-4.2	20.0
Acetophenone	Ave	1.681	1.610	0.0100	47900	50000	-4.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.9271	0.8933	0.5000	48200	50000	-3.7	20.0
Hexachloroethane	Ave	0.5852	0.6090	0.3000	52000	50000	4.1	20.0
n,n'-Dimethylaniline	Ave	1.924	1.927	0.0100	50100	50000	0.2	20.0
Nitrobenzene	Ave	0.5204	0.5266	0.2000	50600	50000	1.2	20.0
Isophorone	Ave	0.6059	0.5896	0.4000	48700	50000	-2.7	20.0
2-Nitrophenol	Ave	0.1848	0.1871	0.1000	50600	50000	1.3	20.0
2,4-Dimethylphenol	Ave	0.2873	0.2894	0.2000	50400	50000	0.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.3882	0.3849	0.3000	49600	50000	-0.9	20.0
2,4-Dichlorophenol	Ave	0.2805	0.2900	0.2000	51700	50000	3.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3338	0.3556		53300	50000	6.5	20.0
Naphthalene	Ave	0.997	0.998	0.7000	50000	50000	0.0	20.0
4-Chloroaniline	Ave	0.3909	0.3976	0.0100	50900	50000	1.7	20.0
Hexachlorobutadiene	Ave	0.2056	0.2242	0.0100	54500	50000	9.0	20.0
Caprolactam	Ave	0.0813	0.0814	0.0100	50000	50000	0.0	20.0
4-Chloro-3-methylphenol	Ave	0.2554	0.2576		50400	50000	0.9	20.0
2-Methylnaphthalene	Ave	0.6603	0.6603	0.4000	50000	50000	0.0	20.0
1-Methylnaphthalene	Ave	0.6131	0.6109	0.0100	49800	50000	-0.4	20.0
Hexachlorocyclopentadiene	Ave	0.4019	0.3845	0.0500	47800	50000	-4.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6140	0.6378	0.0100	51900	50000	3.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4117	0.4413	0.0100	53600	50000	7.2	20.0
2,4,6-Trichlorophenol	Ave	0.3658	0.3723	0.2000	50900	50000	1.8	20.0
2,4,5-Trichlorophenol	Ave	0.3806	0.3941	0.2000	51800	50000	3.6	20.0
Diphenyl	Ave	1.457	1.457	0.0100	50000	50000	0.0	20.0
2-Chloronaphthalene	Ave	1.107	1.120	0.8000	50600	50000	1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232560/2 Calibration Date: 06/24/2014 18:15

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150895.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.7693	0.7839	0.0100	51000	50000	1.9	20.0
2-Nitroaniline	Ave	0.4371	0.4241	0.0100	48500	50000	-3.0	20.0
1,3-Dimethylnaphthalene	Ave	0.9025	0.9152	0.0100	50700	50000	1.4	20.0
Dimethyl phthalate	Ave	1.119	1.133	0.0100	50600	50000	1.2	20.0
Coumarin	Ave	0.1956	0.2023	0.0100	51700	50000	3.4	20.0
2,6-Dinitrotoluene	Ave	0.2705	0.2785	0.2000	51500	50000	2.9	20.0
Acenaphthylene	Ave	1.630	1.594	0.9000	48900	50000	-2.2	20.0
3-Nitroaniline	Ave	0.2734	0.2736	0.0100	50000	50000	0.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9443	1.069	0.0100	56600	50000	13.2	20.0
Acenaphthene	Ave	1.050	1.042	0.9000	49600	50000	-0.8	20.0
2,4-Dinitrophenol	Ave	0.1651	0.1627	0.0100	98600	100000	-1.4	20.0
4-Nitrophenol	Ave	0.2032	0.2056	0.0100	101000	100000	1.2	20.0
2,4-Dinitrotoluene	Ave	0.3372	0.3531	0.2000	52400	50000	4.7	20.0
Dibenzofuran	Ave	1.533	1.539	0.8000	50200	50000	0.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3121	0.3257	0.0100	52200	50000	4.4	20.0
Diethyl phthalate	Ave	1.065	1.080	0.0100	50700	50000	1.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5873	0.6212	0.4000	52900	50000	5.8	20.0
Fluorene	Ave	1.222	1.237	0.9000	50600	50000	1.2	20.0
4-Nitroaniline	Ave	0.2453	0.2547	0.0100	51900	50000	3.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1422	0.1421	0.0100	99900	100000	-0.1	20.0
N-Nitrosodiphenylamine	Ave	0.5538	0.5689	0.0100	51400	50000	2.7	20.0
1,2-Diphenylhydrazine	Ave	0.8143	0.8016	0.0100	49200	50000	-1.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2320	0.2476	0.1000	53400	50000	6.7	20.0
Hexachlorobenzene	Ave	0.2413	0.2587	0.1000	53600	50000	7.2	20.0
Atrazine	Ave	0.1841	0.1993	0.0100	54100	50000	8.2	20.0
Pentachlorophenol	Ave	0.1478	0.1506	0.0500	102000	100000	1.9	20.0
Pentachloronitrobenzene	Ave	0.0975	0.1037	0.0100	53200	50000	6.4	20.0
n-Octadecane	Ave	0.6852	0.7231	0.0100	52800	50000	5.5	20.0
Phenanthrene	Ave	1.062	1.071	0.7000	50400	50000	0.9	20.0
Anthracene	Ave	1.084	1.095	0.7000	50500	50000	1.0	20.0
Carbazole	Ave	0.9210	0.9199	0.0100	49900	50000	-0.1	20.0
Di-n-butyl phthalate	Ave	1.068	1.105	0.0100	51800	50000	3.5	20.0
Fluoranthene	Ave	1.059	1.088	0.6000	51400	50000	2.8	20.0
Benzidine	Ave	0.4057	0.4342		53500	50000	7.0	20.0
Pyrene	Ave	1.234	1.124	0.6000	45600	50000	-8.9	20.0
Butyl benzyl phthalate	Ave	0.4685	0.4447	0.0100	47500	50000	-5.1	20.0
2,3,7,8-TCDD	Ave	0.1219	0.1259	0.0100	516	500	3.3	20.0
Carbamazepine	Lin2		0.4910	0.0100	60700	50000	21.4*	20.0
3,3'-Dichlorobenzidine	Ave	0.3710	0.4287	0.0100	57800	50000	15.6	20.0
Benzo[a]anthracene	Ave	1.057	1.030	0.8000	48700	50000	-2.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232560/2 Calibration Date: 06/24/2014 18:15

Instrument ID: CBNAMS12 Calib Start Date: 06/22/2014 22:05

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 00:57

Lab File ID: L1150895.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.6491	0.6536	0.0100	50300	50000	0.7	20.0
Chrysene	Ave	0.9629	0.9565	0.7000	49700	50000	-0.7	20.0
Di-n-octyl phthalate	Ave	1.114	0.9910	0.0100	44500	50000	-11.1	20.0
Benzo[b]fluoranthene	Ave	1.001	0.9668	0.7000	48300	50000	-3.4	20.0
Benzo[k]fluoranthene	Ave	1.059	1.054	0.7000	49700	50000	-0.6	20.0
Benzo[a]pyrene	Ave	0.9613	1.024	0.7000	53300	50000	6.6	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.395	0.5000	65300	50000	30.6*	20.0
Dibenz(a,h)anthracene	Lin2		1.337	0.4000	63400	50000	26.9*	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.438	0.5000	65900	50000	31.7*	20.0
2-Fluorophenol	Ave	1.265	1.265	0.0100	50000	50000	0.0	20.0
Phenol-d5	Ave	1.556	1.474	0.0100	47400	50000	-5.2	20.0
Nitrobenzene-d5	Ave	0.3751	0.3782	0.0100	50400	50000	0.8	20.0
2-Fluorobiphenyl	Ave	1.303	1.365	0.0100	52400	50000	4.8	20.0
2,4,6-Tribromophenol	Ave	0.1884	0.2109	0.0100	56000	50000	11.9	20.0
Terphenyl-d14	Ave	0.8549	0.8454	0.0100	49400	50000	-1.1	20.0

Report Date: 25-Jun-2014 01:18:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150895.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2014 18:15:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014971-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub1

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 01:18:47 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: zhaoc Date: 24-Jun-2014 18:57:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.746	1.746	0.000	91	61460	50.0	49.5	
	2 N-Nitrosodimethylamine	74	1.987	1.987	0.000	65	87701	50.0	47.6	
	3 Pyridine	79	2.022	2.022	0.000	71	153188	50.0	49.1	
$	4 2-Fluorophenol	112	3.181	3.181	0.000	89	150020	50.0	50.0	
$	6 Phenol-d5	99	4.110	4.110	0.000	89	174838	50.0	47.4	
	7 Phenol	94	4.122	4.122	0.000	95	179459	50.0	47.2	
	8 Aniline	93	4.157	4.157	0.000	72	214613	50.0	46.9	
	9 Bis(2-chloroethyl)ether	93	4.222	4.222	0.000	87	143941	50.0	48.2	
	124 Benzonitrile	103	4.251	4.251	0.000	1	278252	NC	NC	
	10 2-Chlorophenol	128	4.281	4.281	0.000	87	155134	50.0	49.3	
	11 n-Decane	43	4.322	4.322	0.000	95	310077	50.0	51.0	
	12 1,3-Dichlorobenzene	146	4.434	4.434	0.000	93	183403	50.0	50.7	
*	13 1,4-Dichlorobenzene-d4	152	4.492	4.492	0.000	96	94880	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.510	4.510	0.000	91	181774	50.0	50.0	
	15 Benzyl alcohol	108	4.628	4.628	0.000	87	88008	50.0	49.6	
	16 1,2-Dichlorobenzene	146	4.663	4.663	0.000	90	172071	50.0	50.3	
	17 2-Methylphenol	108	4.734	4.734	0.000	84	126335	50.0	47.2	
	18 2,2'-oxybis[1-chloropropan	45	4.763	4.763	0.000	62	361859	50.0	48.3	
	125 N-Methylaniline	106	4.887	4.887	0.000	77	204582	NC	NC	
	21 4-Methylphenol	108	4.892	4.892	0.000	76	140373	50.0	47.9	
	22 3 & 4 Methylphenol	108	4.892	4.892	0.000	81	140373	50.0	47.8	
	20 N-Nitrosodi-n-propylamine	70	4.898	4.898	0.000	84	105944	50.0	48.2	
	19 Acetophenone	105	4.898	4.898	0.000	77	190969	50.0	47.9	
	24 Hexachloroethane	117	5.004	5.004	0.000	90	72222	50.0	52.0	
$	25 Nitrobenzene-d5	82	5.051	5.051	0.000	96	156991	50.0	50.4	
	26 Nitrobenzene	77	5.075	5.075	0.000	80	218590	50.0	50.6	
	27 n,n'-Dimethylaniline	120	5.075	5.075	0.000	78	228599	50.0	50.1	
	28 Isophorone	82	5.310	5.310	0.000	97	244716	50.0	48.7	
	29 2-Nitrophenol	139	5.392	5.392	0.000	83	77677	50.0	50.6	
	30 2,4-Dimethylphenol	122	5.434	5.434	0.000	89	120121	50.0	50.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.534	5.534	0.000	93	159757	50.0	49.6	
33 2,4-Dichlorophenol	162	5.634	5.634	0.000	92	120346	50.0	51.7	
34 1,2,4-Trichlorobenzene	180	5.722	5.722	0.000	90	147580	50.0	53.3	
* 35 Naphthalene-d8	136	5.781	5.781	0.000	99	332051	40.0	40.0	
36 Naphthalene	128	5.798	5.798	0.000	98	414238	50.0	50.0	
37 4-Chloroaniline	127	5.851	5.851	0.000	93	165021	50.0	50.9	
38 Hexachlorobutadiene	225	5.922	5.922	0.000	93	93052	50.0	54.5	
39 Caprolactam	113	6.204	6.204	0.000	86	33783	50.0	50.0	
40 4-Chloro-3-methylphenol	107	6.339	6.339	0.000	90	106907	50.0	50.4	
41 2-Methylnaphthalene	142	6.498	6.498	0.000	83	274057	50.0	50.0	
42 1-Methylnaphthalene	142	6.592	6.592	0.000	91	253563	50.0	49.8	
43 Hexachlorocyclopentadiene	237	6.651	6.651	0.000	89	87405	50.0	47.8	
44 1,2,4,5-Tetrachlorobenzene	216	6.663	6.663	0.000	98	144983	50.0	51.9	
45 2-tertbutyl-4-methylphenol	149	6.692	6.692	0.000	78	183183	50.0	53.6	
46 2,4,6-Trichlorophenol	196	6.775	6.775	0.000	89	84625	50.0	50.9	
47 2,4,5-Trichlorophenol	196	6.816	6.816	0.000	95	89592	50.0	51.8	
$ 48 2-Fluorobiphenyl	172	6.863	6.863	0.000	98	310313	50.0	52.4	
49 1,1'-Biphenyl	154	6.963	6.963	0.000	96	331264	50.0	50.0	
50 2-Chloronaphthalene	162	6.981	6.981	0.000	96	254655	50.0	50.6	
53 Phenyl ether	170	7.069	7.069	0.000	90	178187	50.0	51.0	
54 2-Nitroaniline	65	7.086	7.086	0.000	95	96400	50.0	48.5	
55 1,3-Dimethylnaphthalene	156	7.198	7.198	0.000	92	208037	50.0	50.7	
56 Dimethyl phthalate	163	7.269	7.269	0.000	98	257475	50.0	50.6	
57 Coumarin	146	7.292	7.292	0.000	72	83956	50.0	51.7	
58 2,6-Dinitrotoluene	165	7.328	7.328	0.000	31	63297	50.0	51.5	
59 Acenaphthylene	152	7.398	7.398	0.000	96	362428	50.0	48.9	
60 3-Nitroaniline	138	7.492	7.492	0.000	90	62195	50.0	50.0	
* 61 Acenaphthene-d10	164	7.533	7.533	0.000	92	181846	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.551	7.551	0.000	96	242891	50.0	56.6	
62 Acenaphthene	154	7.569	7.569	0.000	92	236780	50.0	49.6	
64 2,4-Dinitrophenol	184	7.598	7.598	0.000	64	73968	100.0	98.6	
65 4-Nitrophenol	65	7.657	7.657	0.000	89	93489	100.0	101.2	
67 2,4-Dinitrotoluene	165	7.722	7.722	0.000	91	80270	50.0	52.4	
66 Dibenzofuran	168	7.739	7.739	0.000	92	349748	50.0	50.2	
68 2,3,4,6-Tetrachlorophenol	232	7.857	7.857	0.000	95	74028	50.0	52.2	
69 Diethyl phthalate	149	7.969	7.969	0.000	97	245525	50.0	50.7	
71 4-Chlorophenyl phenyl ethe	204	8.075	8.075	0.000	75	141202	50.0	52.9	
70 Fluorene	166	8.080	8.080	0.000	83	281216	50.0	50.6	
72 4-Nitroaniline	138	8.098	8.098	0.000	94	57888	50.0	51.9	
73 4,6-Dinitro-2-methylphenol	198	8.128	8.128	0.000	76	98680	100.0	99.9	
74 N-Nitrosodiphenylamine	169	8.192	8.192	0.000	67	197602	50.0	51.4	
75 1,2-Diphenylhydrazine	77	8.233	8.233	0.000	96	278433	50.0	49.2	
$ 76 2,4,6-Tribromophenol	330	8.316	8.316	0.000	94	47937	50.0	56.0	
77 4-Bromophenyl phenyl ether	248	8.563	8.563	0.000	93	85992	50.0	53.4	
78 Hexachlorobenzene	284	8.622	8.622	0.000	95	89872	50.0	53.6	
79 Atrazine	200	8.722	8.722	0.000	88	69229	50.0	54.1	
121 Pentachlorophenol	266	8.816	8.816	0.000	90	104652	100.0	101.9	
81 Pentachloronitrobenzene	237	8.827	8.827	0.000	89	36025	50.0	53.2	
82 n-Octadecane	57	8.892	8.892	0.000	93	251166	50.0	52.8	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	99	277879	40.0	40.0	
84 Phenanthrene	178	9.027	9.027	0.000	96	372034	50.0	50.4	
85 Anthracene	178	9.080	9.080	0.000	98	380288	50.0	50.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	9.233	9.233	0.000	82	319535	50.0	49.9	
87 Di-n-butyl phthalate	149	9.574	9.574	0.000	99	383973	50.0	51.8	
88 Fluoranthene	202	10.204	10.204	0.000	98	377938	50.0	51.4	
122 Benzidine	184	10.333	10.333	0.000	99	150826	50.0	53.5	
90 Pyrene	202	10.433	10.433	0.000	97	372345	50.0	45.6	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	99	280039	50.0	49.4	
92 Butyl benzyl phthalate	149	11.139	11.139	0.000	98	147288	50.0	47.5	
108 2,3,7,8-TCDD	320	11.245	11.245	0.000	1	417	0.5000	0.5163	
93 Carbamazepine	193	11.268	11.268	0.000	90	162629	50.0	60.7	
94 3,3'-Dichlorobenzidine	252	11.786	11.786	0.000	99	141998	50.0	57.8	
95 Benzo[a]anthracene	228	11.821	11.821	0.000	94	341105	50.0	48.7	
* 96 Chrysene-d12	240	11.833	11.833	0.000	97	264991	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.857	11.857	0.000	87	216497	50.0	50.3	
97 Chrysene	228	11.868	11.868	0.000	96	316822	50.0	49.7	
99 Di-n-octyl phthalate	149	12.757	12.757	0.000	94	389110	50.0	44.5	
100 Benzo[b]fluoranthene	252	13.274	13.274	0.000	98	379606	50.0	48.3	
101 Benzo[k]fluoranthene	252	13.315	13.315	0.000	99	413673	50.0	49.7	
102 Benzo[a]pyrene	252	13.733	13.733	0.000	97	402201	50.0	53.3	
* 103 Perylene-d12	264	13.815	13.815	0.000	99	314111	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.304	15.304	0.000	99	547610	50.0	65.3	
105 Dibenz(a,h)anthracene	278	15.339	15.339	0.000	96	525004	50.0	63.4	
106 Benzo[g,h,i]perylene	276	15.692	15.692	0.000	93	564585	50.0	65.9	
S 119 Total Cresols	1				0			95.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

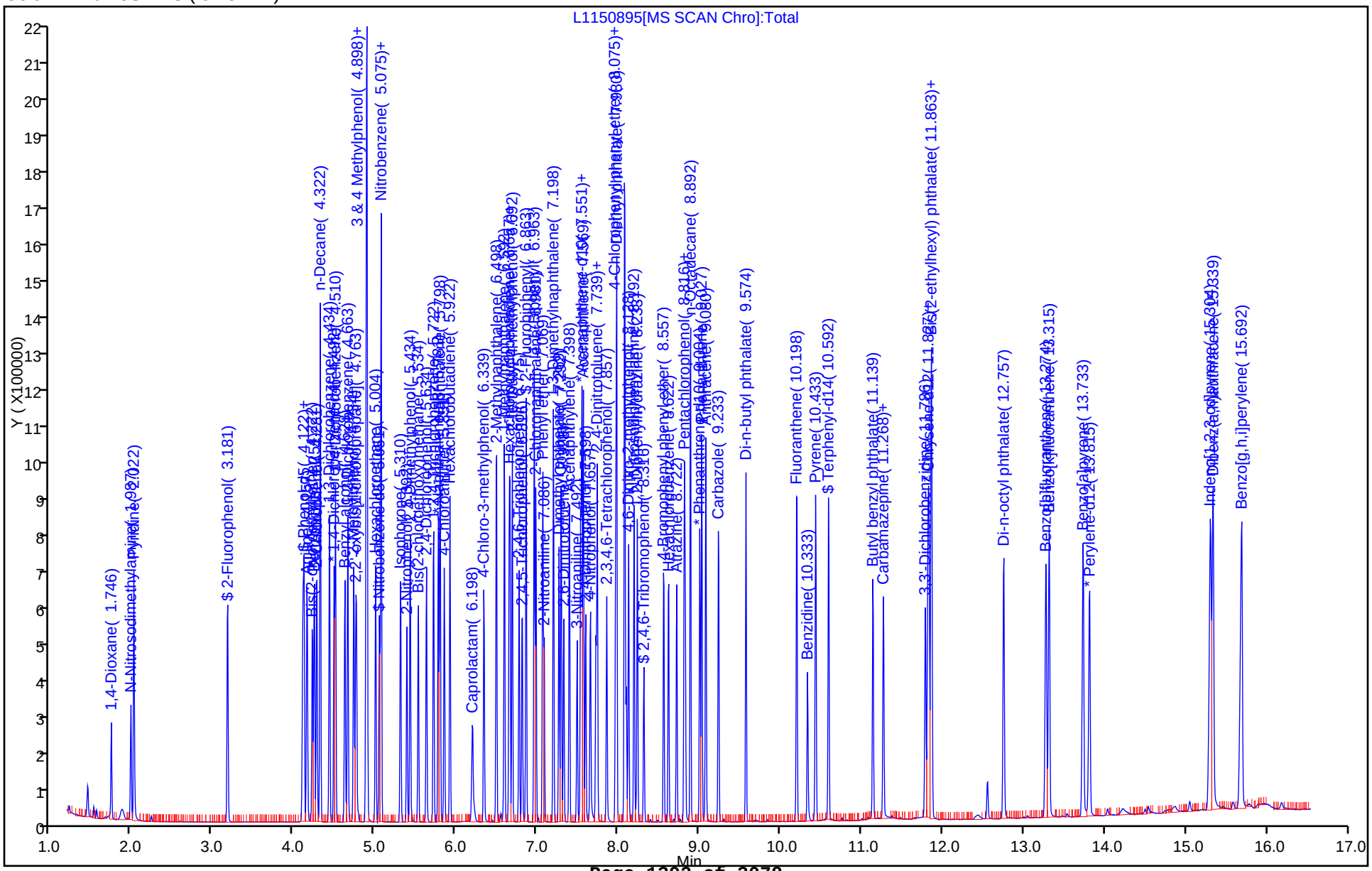
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150895.D

Injection Date:	24-Jun-2014 18:15:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232560/3 Calibration Date: 06/24/2014 18:40

Instrument ID: CBNAMS12 Calib Start Date: 06/23/2014 01:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/23/2014 03:25

Lab File ID: L1150896.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.110	1.152	0.0100	51900	50000	3.8	20.0
Benzoic acid	Lin2		0.1501		47400	50000	-5.2	20.0

Report Date: 25-Jun-2014 01:18:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150896.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 24-Jun-2014 18:40:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014971-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R*sub5

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 01:18:50 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: zhaoc Date: 24-Jun-2014 18:58:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.057	4.057	0.000	87	148421	50.0	51.9	
* 13 1,4-Dichlorobenzene-d4	152	4.492	4.492	0.000	96	103033	40.0	40.0	
32 Benzoic acid	122	5.534	5.534	0.000	91	70383	50.0	47.4	
* 35 Naphthalene-d8	136	5.775	5.775	0.000	99	375098	40.0	40.0	
* 61 Acenaphthene-d10	164	7.533	7.533	0.000	92	215700	40.0	40.0	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	98	349479	40.0	40.0	
* 96 Chrysene-d12	240	11.827	11.827	0.000	99	311343	40.0	40.0	
* 103 Perylene-d12	264	13.809	13.809	0.000	99	307449	40.0	40.0	

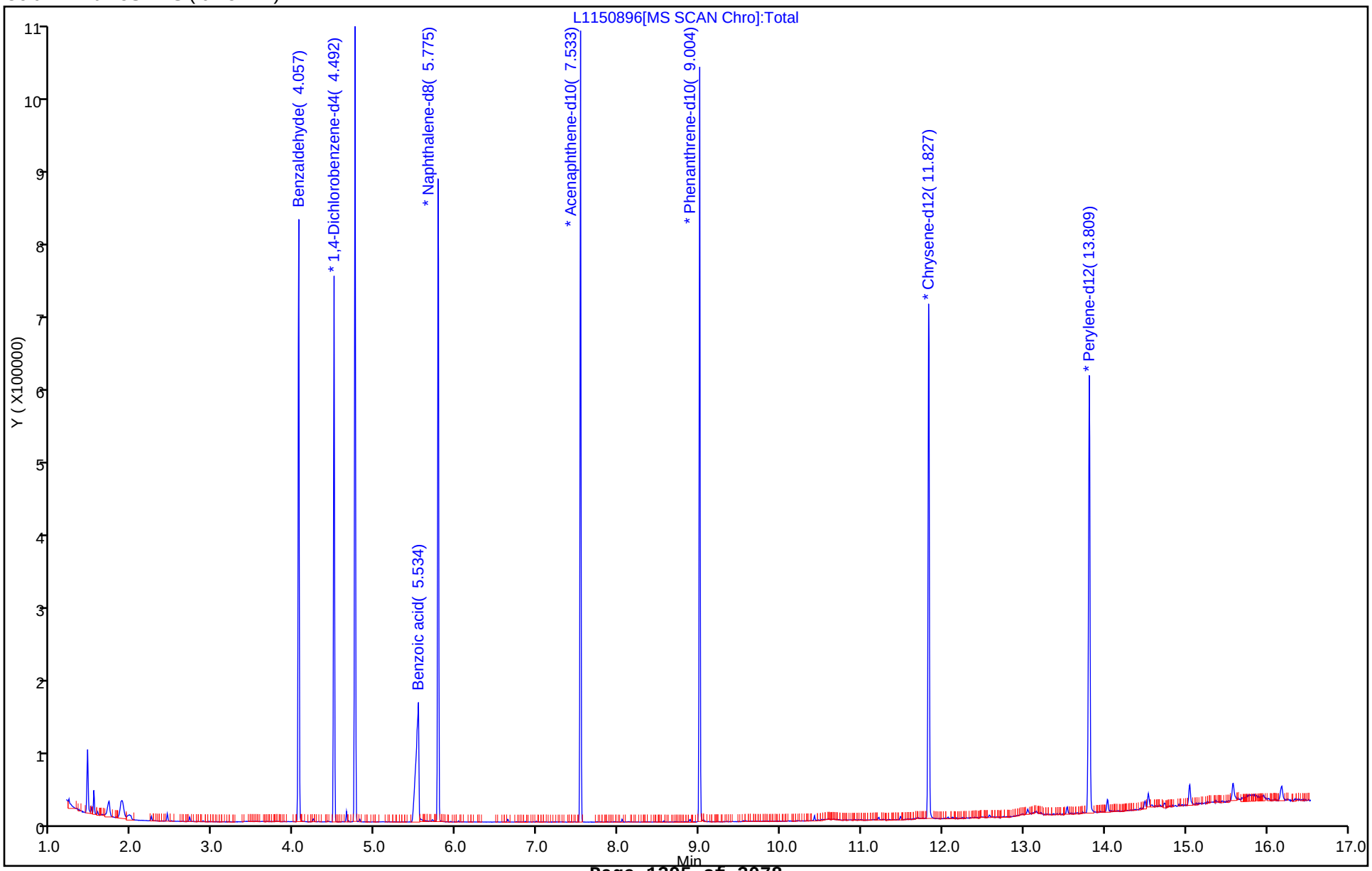
Report Date: 25-Jun-2014 01:18:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150896.D

Injection Date:	24-Jun-2014 18:40:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232192/2 Calibration Date: 06/23/2014 03:00

Instrument ID: CBNAMS13 Calib Start Date: 06/20/2014 03:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2014 07:20

Lab File ID: C06008.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6011	0.6346	0.0100	10600	10000	5.6	20.0
N-Nitrosodimethylamine	Ave	0.8218	0.8304		10100	10000	1.0	20.0
Pyridine	Ave	1.423	1.434		10100	10000	0.8	20.0
Aniline	Ave	1.854	1.814		9790	10000	-2.1	20.0
Phenol	Ave	1.763	1.638	0.8000	9290	10000	-7.1	20.0
Bis(2-chloroethyl)ether	Ave	1.562	1.319	0.7000	8450	10000	-15.5	20.0
n-Decane	Ave	1.662	1.562	0.0100	9400	10000	-6.0	20.0
2-Chlorophenol	Ave	1.435	1.373	0.8000	9570	10000	-4.3	20.0
1,3-Dichlorobenzene	Ave	1.572	1.567		9970	10000	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.580	1.575		9970	10000	-0.3	20.0
Benzyl alcohol	Ave	0.7208	0.7605	0.0100	10600	10000	5.5	20.0
1,2-Dichlorobenzene	Ave	1.498	1.458		9740	10000	-2.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.180	1.982	0.0100	9090	10000	-9.1	20.0
2-Methylphenol	Ave	1.304	1.203	0.7000	9220	10000	-7.8	20.0
Acetophenone	Ave	1.742	1.622	0.0100	9310	10000	-6.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.8538	0.7761	0.5000	9090	10000	-9.1	20.0
3 & 4 Methylphenol	Ave	1.309	1.220		9320	10000	-6.8	20.0
4-Methylphenol	Ave	1.265	1.189	0.6000	9400	10000	-6.0	20.0
Hexachloroethane	Ave	0.6273	0.6311	0.3000	10100	10000	0.6	20.0
n,n'-Dimethylaniline	Ave	2.105	1.973	0.0100	9370	10000	-6.3	20.0
Nitrobenzene	Ave	0.4939	0.4859	0.2000	9840	10000	-1.6	20.0
Isophorone	Ave	0.5721	0.5345	0.4000	9340	10000	-6.6	20.0
2-Nitrophenol	Ave	0.1968	0.2060	0.1000	10500	10000	4.7	20.0
2,4-Dimethylphenol	Ave	0.3148	0.3033	0.2000	9630	10000	-3.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4014	0.3885	0.3000	9680	10000	-3.2	20.0
2,4-Dichlorophenol	Ave	0.2777	0.2788	0.2000	10000	10000	0.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3136	0.3200		10200	10000	2.0	20.0
Naphthalene	Ave	1.020	1.005	0.7000	9850	10000	-1.5	20.0
4-Chloroaniline	Ave	0.4083	0.3990	0.0100	9770	10000	-2.3	20.0
Hexachlorobutadiene	Ave	0.1700	0.1777	0.0100	10500	10000	4.5	20.0
Caprolactam	Ave	0.0569	0.0651	0.0100	11400	10000	14.4	20.0
4-Chloro-3-methylphenol	Ave	0.2553	0.2496		9780	10000	-2.2	20.0
2-Methylnaphthalene	Ave	0.6510	0.6378	0.4000	9800	10000	-2.0	20.0
1-Methylnaphthalene	Ave	0.5991	0.5793	0.0100	9670	10000	-3.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6084	0.6139	0.0100	10100	10000	0.9	20.0
Hexachlorocyclopentadiene	Ave	0.3559	0.3996	0.0500	11200	10000	12.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.3887	0.3932	0.0100	10100	10000	1.2	20.0
2,4,6-Trichlorophenol	Ave	0.3831	0.3985	0.2000	10400	10000	4.0	20.0
2,4,5-Trichlorophenol	Ave	0.3672	0.3932	0.2000	10700	10000	7.1	20.0
Diphenyl	Ave	1.586	1.566	0.0100	9880	10000	-1.2	20.0
2-Chloronaphthalene	Ave	1.245	1.238	0.8000	9940	10000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232192/2 Calibration Date: 06/23/2014 03:00

Instrument ID: CBNAMS13 Calib Start Date: 06/20/2014 03:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2014 07:20

Lab File ID: C06008.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8436	0.8526	0.0100	10100	10000	1.1	20.0
2-Nitroaniline	Ave	0.3202	0.3112	0.0100	9720	10000	-2.8	20.0
1,3-Dimethylnaphthalene	Ave	1.000	0.9833	0.0100	9830	10000	-1.7	20.0
Dimethyl phthalate	Ave	1.075	1.109	0.0100	10300	10000	3.1	20.0
Coumarin	Ave	0.1596	0.1637	0.0100	10300	10000	2.6	20.0
2,6-Dinitrotoluene	Ave	0.2575	0.2833	0.2000	10600	10000	10.0	20.0
Acenaphthylene	Ave	1.798	1.746	0.9000	9710	10000	-2.9	20.0
3-Nitroaniline	Ave	0.2701	0.2825	0.0100	10500	10000	4.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8617	0.9638	0.0100	11200	10000	11.8	20.0
Acenaphthene	Ave	1.116	1.080	0.9000	9670	10000	-3.3	20.0
2,4-Dinitrophenol	Lin2		0.1530	0.0100	25400	20000	26.8*	20.0
2,4-Dinitrotoluene	Ave	0.2737	0.3016	0.2000	10400	10000	10.2	20.0
Dibenzofuran	Ave	1.505	1.476	0.8000	9810	10000	-1.9	20.0
4-Nitrophenol	Lin2		0.1589	0.0100	23000	20000	14.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2427	0.2699	0.0100	11100	10000	11.2	20.0
Diethyl phthalate	Ave	0.9713	0.9840	0.0100	10100	10000	1.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5336	0.5410	0.4000	10100	10000	1.4	20.0
Fluorene	Ave	1.146	1.124	0.9000	9810	10000	-1.9	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1384	0.0100	22100	20000	10.7	20.0
4-Nitroaniline	Ave	0.1824	0.2163	0.0100	11900	10000	18.6	20.0
N-Nitrosodiphenylamine	Ave	0.6536	0.6254	0.0100	9570	10000	-4.3	20.0
1,2-Diphenylhydrazine	Ave	1.063	1.006	0.0100	9470	10000	-5.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2557	0.2549	0.1000	9970	10000	-0.3	20.0
Hexachlorobenzene	Ave	0.2742	0.2908	0.1000	10400	10000	6.1	20.0
Atrazine	Ave	0.1610	0.1813	0.0100	11300	10000	12.6	20.0
Pentachloronitrobenzene	Ave	0.0784	0.0848	0.0100	10800	10000	8.1	20.0
Pentachlorophenol	Lin2		0.1103	0.0500	21600	20000	8.2	20.0
n-Octadecane	Ave	0.7542	0.6949	0.0100	9210	10000	-7.9	20.0
Phenanthrene	Ave	1.100	1.058	0.7000	9630	10000	-3.7	20.0
Anthracene	Ave	1.074	1.061	0.7000	9880	10000	-1.2	20.0
Carbazole	Ave	0.8152	0.8234	0.0100	10100	10000	1.0	20.0
Di-n-butyl phthalate	Ave	0.8778	1.101	0.0100	12500	10000	25.4*	20.0
Fluoranthene	Ave	0.7409	0.8507	0.6000	11500	10000	14.8	20.0
Benzidine	Ave	0.1406	0.2280		16200	10000	62.1*	20.0
Pyrene	Qua		1.749	0.6000	10600	10000	6.2	20.0
Butyl benzyl phthalate	Ave	0.5330	0.5571	0.0100	10500	10000	4.5	20.0
2,3,7,8-TCDD	Ave	0.1548	0.1948	0.0100	126	100	25.9*	20.0
Carbamazepine	Qua		0.3929	0.0100	11900	10000	19.1	20.0
3,3'-Dichlorobenzidine	Ave	0.3341	0.3943	0.0100	11800	10000	18.0	20.0
Benzo[a]anthracene	Ave	1.038	1.029	0.8000	9820	10000	-0.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232192/2 Calibration Date: 06/23/2014 03:00

Instrument ID: CBNAMS13 Calib Start Date: 06/20/2014 03:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2014 07:20

Lab File ID: C06008.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.6486	0.7150	0.0100	11000	10000	10.2	20.0
Chrysene	Ave	0.9367	0.9229	0.7000	9850	10000	-1.5	20.0
Di-n-octyl phthalate	Ave	1.292	1.295	0.0100	10000	10000	0.2	20.0
Benzo[b]fluoranthene	Ave	1.010	1.049	0.7000	9990	10000	3.8	20.0
Benzo[k]fluoranthene	Ave	1.053	1.098	0.7000	10200	10000	4.3	20.0
Benzo[a]pyrene	Ave	0.9508	1.005	0.7000	10400	10000	5.7	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.125	0.5000	10100	10000	1.4	20.0
Dibenz(a,h)anthracene	Ave	1.011	1.107	0.4000	10800	10000	9.5	20.0
Benzo[g,h,i]perylene	Ave	1.091	1.109	0.5000	10200	10000	1.7	20.0
2-Fluorophenol	Ave	1.359	1.380	0.0100	10200	10000	1.5	20.0
Phenol-d5	Ave	1.576	1.451	0.0100	9200	10000	-8.0	20.0
Nitrobenzene-d5	Ave	0.3521	0.3414	0.0100	9700	10000	-3.0	20.0
2-Fluorobiphenyl	Ave	1.403	1.439	0.0100	10100	10000	2.6	20.0
2,4,6-Tribromophenol	Ave	0.1620	0.1884	0.0100	11600	10000	16.3	20.0
Terphenyl-d14	Ave	1.158	1.153	0.0100	9550	10000	-0.5	20.0

Report Date: 23-Jun-2014 23:20:29 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06008.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2014 03:00:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-002
Misc. Info.: ccvis
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub1

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 23:20:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: asfawa Date: 23-Jun-2014 03:53:11

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.972	1.972	0.000	98	912601	10.0	10.6	
	2 N-Nitrosodimethylamine	74	2.148	2.148	0.000	83	1194187	10.0	10.1	
	3 Pyridine	79	2.178	2.178	0.000	84	2061524	10.0	10.1	
$	4 2-Fluorophenol	112	3.095	3.095	0.000	95	1984027	10.0	10.2	
$	6 Phenol-d5	99	3.960	3.960	0.000	80	2086297	10.0	9.20	
	8 Aniline	93	3.960	3.960	0.000	89	2608972	10.0	9.79	
	7 Phenol	94	3.972	3.972	0.000	96	2355286	10.0	9.29	
	9 Bis(2-chloroethyl)ether	93	4.007	4.007	0.000	89	1897436	10.0	8.45	
	125 Benzonitrile	103	4.037	4.037	0.000	99	3584845	NC	NC	
	11 n-Decane	43	4.072	4.072	0.000	90	2246130	10.0	9.40	
	10 2-Chlorophenol	128	4.078	4.078	0.000	95	1974346	10.0	9.57	
	12 1,3-Dichlorobenzene	146	4.201	4.201	0.000	95	2253559	10.0	9.97	
*	13 1,4-Dichlorobenzene-d4	152	4.260	4.260	0.000	96	1150472	8.00	8.00	
	14 1,4-Dichlorobenzene	146	4.272	4.272	0.000	93	2265041	10.0	9.97	
	15 Benzyl alcohol	108	4.425	4.425	0.000	93	1093705	10.0	10.6	
	16 1,2-Dichlorobenzene	146	4.431	4.431	0.000	94	2097348	10.0	9.74	
	18 2,2'-oxybis[1-chloropropan	45	4.531	4.531	0.000	92	2850680	10.0	9.09	
	17 2-Methylphenol	108	4.560	4.560	0.000	87	1729390	10.0	9.22	
	126 N-Methylaniline	106	4.672	4.672	0.000	76	2542737	NC	NC	
	20 N-Nitrosodi-n-propylamine	70	4.678	4.678	0.000	93	1116158	10.0	9.09	
	19 Acetophenone	105	4.678	4.678	0.000	95	2332102	10.0	9.31	
	22 3 & 4 Methylphenol	108	4.719	4.719	0.000	21	1754072	10.0	9.32	
	21 4-Methylphenol	108	4.719	4.719	0.000	94	1709515	10.0	9.40	
	24 Hexachloroethane	117	4.766	4.766	0.000	95	907528	10.0	10.1	
$	25 Nitrobenzene-d5	82	4.831	4.831	0.000	90	1761877	10.0	9.70	
	27 n,n'-Dimethylaniline	120	4.842	4.842	0.000	97	2837309	10.0	9.37	
	26 Nitrobenzene	77	4.854	4.854	0.000	94	2507117	10.0	9.84	
	28 Isophorone	82	5.078	5.078	0.000	99	2758075	10.0	9.34	
	29 2-Nitrophenol	139	5.166	5.166	0.000	94	1062877	10.0	10.5	
	30 2,4-Dimethylphenol	122	5.237	5.237	0.000	91	1565035	10.0	9.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.301	5.301	0.000	100	2004908	10.0	9.68	
33 2,4-Dichlorophenol	162	5.419	5.419	0.000	95	1438757	10.0	10.0	
34 1,2,4-Trichlorobenzene	180	5.478	5.478	0.000	94	1651025	10.0	10.2	
* 35 Naphthalene-d8	136	5.537	5.537	0.000	99	4128136	8.00	8.00	
36 Naphthalene	128	5.560	5.560	0.000	99	5183914	10.0	9.85	
37 4-Chloroaniline	127	5.642	5.642	0.000	96	2058993	10.0	9.77	
38 Hexachlorobutadiene	225	5.684	5.684	0.000	94	916898	10.0	10.5	
39 Caprolactam	113	6.013	6.013	0.000	91	335984	10.0	11.4	
40 4-Chloro-3-methylphenol	107	6.160	6.160	0.000	96	1287955	10.0	9.78	
41 2-Methylnaphthalene	142	6.248	6.248	0.000	83	3290913	10.0	9.80	
42 1-Methylnaphthalene	142	6.348	6.348	0.000	90	2989342	10.0	9.67	
43 Hexachlorocyclopentadiene	237	6.413	6.413	0.000	87	897846	10.0	11.2	
44 1,2,4,5-Tetrachlorobenzene	216	6.413	6.413	0.000	96	1379433	10.0	10.1	
45 2-tertbutyl-4-methylphenol	149	6.478	6.478	0.000	88	2028827	10.0	10.1	
46 2,4,6-Trichlorophenol	196	6.548	6.548	0.000	89	895454	10.0	10.4	
47 2,4,5-Trichlorophenol	196	6.595	6.595	0.000	92	883474	10.0	10.7	
$ 48 2-Fluorobiphenyl	172	6.619	6.619	0.000	91	3233973	10.0	10.1	
49 1,1'-Biphenyl	154	6.713	6.713	0.000	96	3518895	10.0	9.88	
50 2-Chloronaphthalene	162	6.736	6.736	0.000	96	2780735	10.0	9.94	
53 Phenyl ether	170	6.819	6.819	0.000	84	1915736	10.0	10.1	
54 2-Nitroaniline	65	6.872	6.872	0.000	95	699233	10.0	9.72	
55 1,3-Dimethylnaphthalene	156	6.948	6.948	0.000	89	2209345	10.0	9.83	
56 Dimethyl phthalate	163	7.036	7.036	0.000	91	2492100	10.0	10.3	
57 Coumarin	146	7.060	7.060	0.000	79	844900	10.0	10.3	
58 2,6-Dinitrotoluene	165	7.095	7.095	0.000	78	636564	10.0	10.6	
59 Acenaphthylene	152	7.142	7.142	0.000	96	3922418	10.0	9.71	
* 61 Acenaphthene-d10	164	7.283	7.283	0.000	94	1797514	8.00	8.00	
60 3-Nitroaniline	138	7.283	7.283	0.000	59	634676	10.0	10.5	
63 3,5-di-tert-butyl-4-hydrox	205	7.295	7.295	0.000	98	2165438	10.0	11.2	
62 Acenaphthene	154	7.313	7.313	0.000	95	2426059	10.0	9.67	
64 2,4-Dinitrophenol	184	7.366	7.366	0.000	97	687644	20.0	25.4	
66 Dibenzofuran	168	7.483	7.483	0.000	91	3316523	10.0	9.81	
67 2,4-Dinitrotoluene	165	7.483	7.483	0.000	64	677723	10.0	10.4	
65 4-Nitrophenol	65	7.489	7.489	0.000	91	714058	20.0	23.0	
68 2,3,4,6-Tetrachlorophenol	232	7.619	7.619	0.000	92	606355	10.0	11.1	
69 Diethyl phthalate	149	7.719	7.719	0.000	98	2211041	10.0	10.1	
71 4-Chlorophenyl phenyl ethe	204	7.813	7.813	0.000	82	1215626	10.0	10.1	
70 Fluorene	166	7.819	7.819	0.000	84	2525692	10.0	9.81	
73 4,6-Dinitro-2-methylphenol	198	7.883	7.883	0.000	82	727635	20.0	22.1	
72 4-Nitroaniline	138	7.895	7.895	0.000	89	485981	10.0	11.9	
74 N-Nitrosodiphenylamine	169	7.942	7.942	0.000	55	1643614	10.0	9.57	
75 1,2-Diphenylhydrazine	77	7.972	7.972	0.000	98	2643746	10.0	9.47	
$ 76 2,4,6-Tribromophenol	330	8.060	8.060	0.000	93	423375	10.0	11.6	
77 4-Bromophenyl phenyl ether	248	8.289	8.289	0.000	87	669907	10.0	9.97	
78 Hexachlorobenzene	284	8.354	8.354	0.000	95	764301	10.0	10.4	
79 Atrazine	200	8.466	8.466	0.000	89	476447	10.0	11.3	
81 Pentachloronitrobenzene	237	8.566	8.566	0.000	80	222808	10.0	10.8	
121 Pentachlorophenol	266	8.572	8.572	0.000	93	579721	20.0	21.6	
82 n-Octadecane	57	8.595	8.595	0.000	94	1826151	10.0	9.21	
* 83 Phenanthrene-d10	188	8.736	8.736	0.000	98	2102460	8.00	8.00	
84 Phenanthrene	178	8.760	8.760	0.000	98	2781736	10.0	9.63	
85 Anthracene	178	8.807	8.807	0.000	97	2787522	10.0	9.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Carbazole	167	8.983	8.983	0.000	82	2163983	10.0	10.1	
87 Di-n-butyl phthalate	149	9.295	9.295	0.000	100	2892334	10.0	12.5	
88 Fluoranthene	202	9.913	9.913	0.000	97	2235702	10.0	11.5	
122 Benzidine	184	10.066	10.066	0.000	99	599135	10.0	16.2	
90 Pyrene	202	10.136	10.136	0.000	96	2204171	10.0	10.6	
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1452309	10.0	9.55	
92 Butyl benzyl phthalate	149	10.795	10.795	0.000	97	701921	10.0	10.5	
108 2,3,7,8-TCDD	320	10.907	10.907	0.000	58	2455	0.1000	0.1259	
93 Carbamazepine	193	10.948	10.948	0.000	91	495086	10.0	11.9	
94 3,3'-Dichlorobenzidine	252	11.430	11.430	0.000	97	496787	10.0	11.8	
95 Benzo[a]anthracene	228	11.436	11.436	0.000	99	1296966	10.0	9.82	
98 Bis(2-ethylhexyl) phthalat	149	11.442	11.442	0.000	88	900938	10.0	11.0	
* 96 Chrysene-d12	240	11.454	11.454	0.000	99	1008024	8.00	8.00	
97 Chrysene	228	11.483	11.483	0.000	95	1162896	10.0	9.85	
99 Di-n-octyl phthalate	149	12.260	12.260	0.000	97	1511822	10.0	10.0	
100 Benzo[b]fluoranthene	252	12.807	12.807	0.000	98	1224572	10.0	9.99	
101 Benzo[k]fluoranthene	252	12.842	12.842	0.000	98	1282608	10.0	10.2	
102 Benzo[a]pyrene	252	13.248	13.248	0.000	95	1173902	10.0	10.4	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	934212	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.742	14.742	0.000	98	1313498	10.0	10.1	M
105 Dibenz(a,h)anthracene	278	14.765	14.765	0.000	94	1292255	10.0	10.8	
106 Benzo[g,h,i]perylene	276	15.089	15.089	0.000	91	1295316	10.0	10.2	
S 119 Total Cresols	1				0			18.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

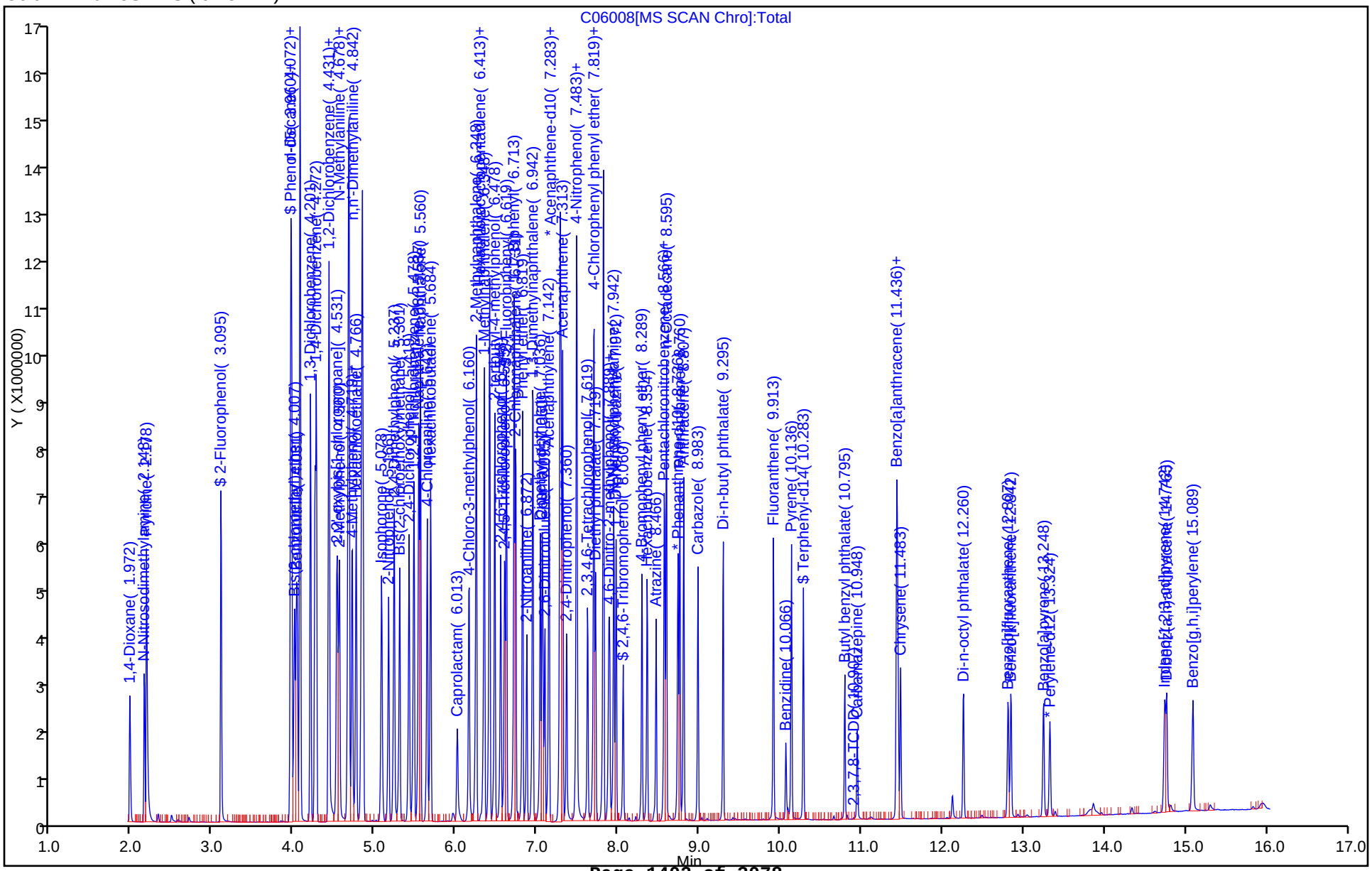
Report Date: 23-Jun-2014 23:20:29 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06008.D

Injection Date:	23-Jun-2014 03:00:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

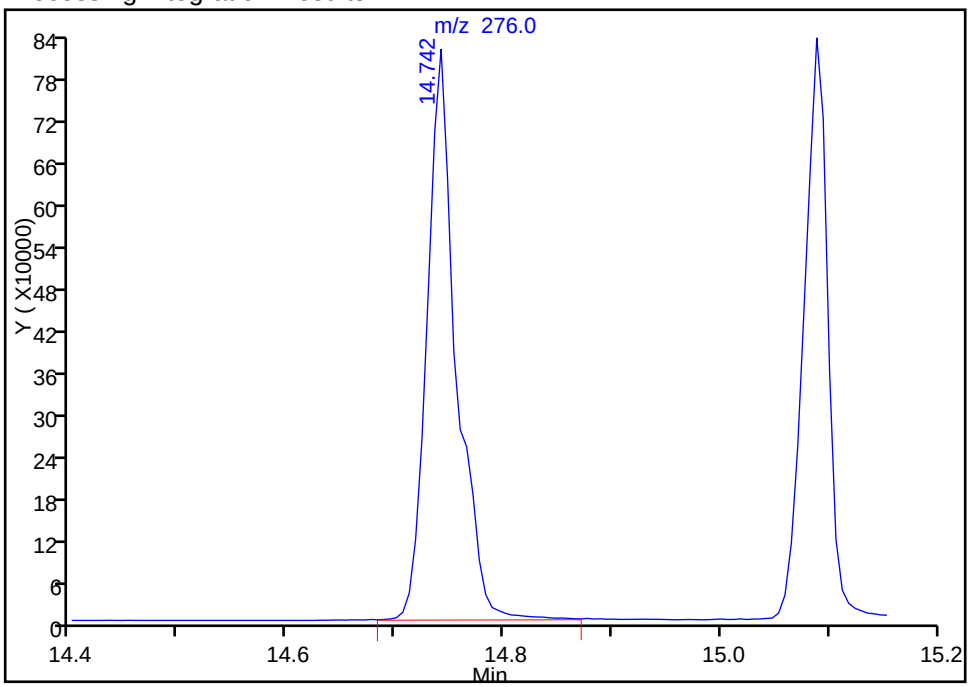
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06008.D
Injection Date: 23-Jun-2014 03:00:30 Instrument ID: CBNAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

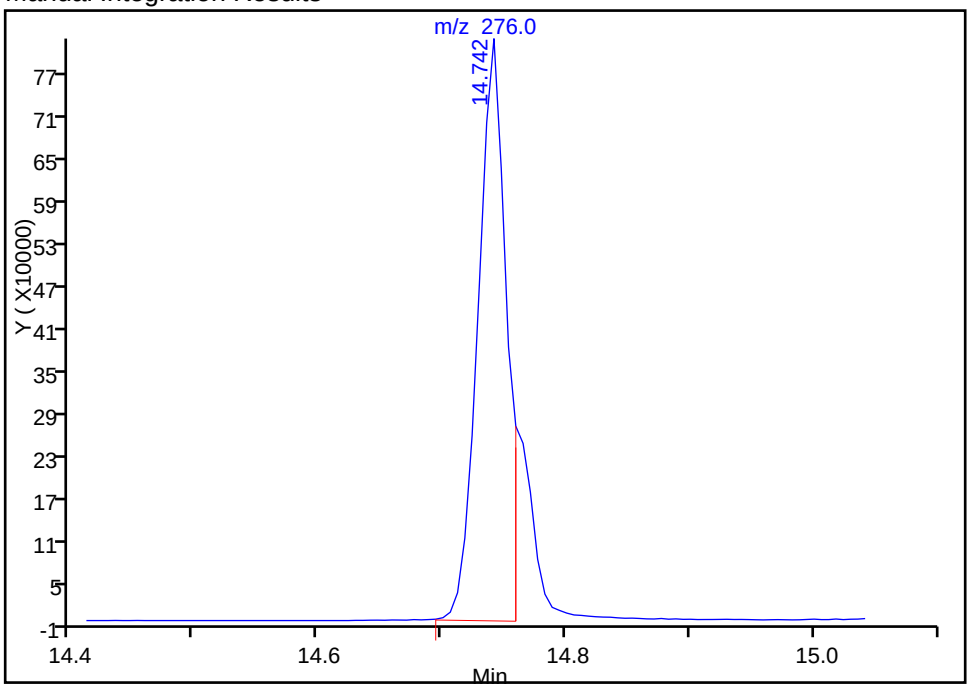
Processing Integration Results

RT: 14.74
Response: 1536631
Amount: 11.861069



Manual Integration Results

RT: 14.74
Response: 1313498
Amount: 10.143408



Reviewer: asfawa, 23-Jun-2014 03:53:11
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232192/3 Calibration Date: 06/23/2014 03:32

Instrument ID: CBNAMS13 Calib Start Date: 06/05/2014 14:48

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/05/2014 16:59

Lab File ID: C06009.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua		0.0666			10000		20.0

Report Date: 23-Jun-2014 23:20:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06009.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 23-Jun-2014 03:32:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-003
Misc. Info.: ccv
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 23:20:32 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: asfawa Date: 23-Jun-2014 03:57:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.848	3.848	0.000	89	1523923	10.0	9.75	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	97	1142146	8.00	8.00	
32 Benzoic acid	122	5.389	5.389	0.000	86	353617	NC	NC	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	4248547	8.00	8.00	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2020623	8.00	8.00	
* 83 Phenanthrene-d10	188	8.730	8.730	0.000	99	2546165	8.00	8.00	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1297532	8.00	8.00	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	1081225	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

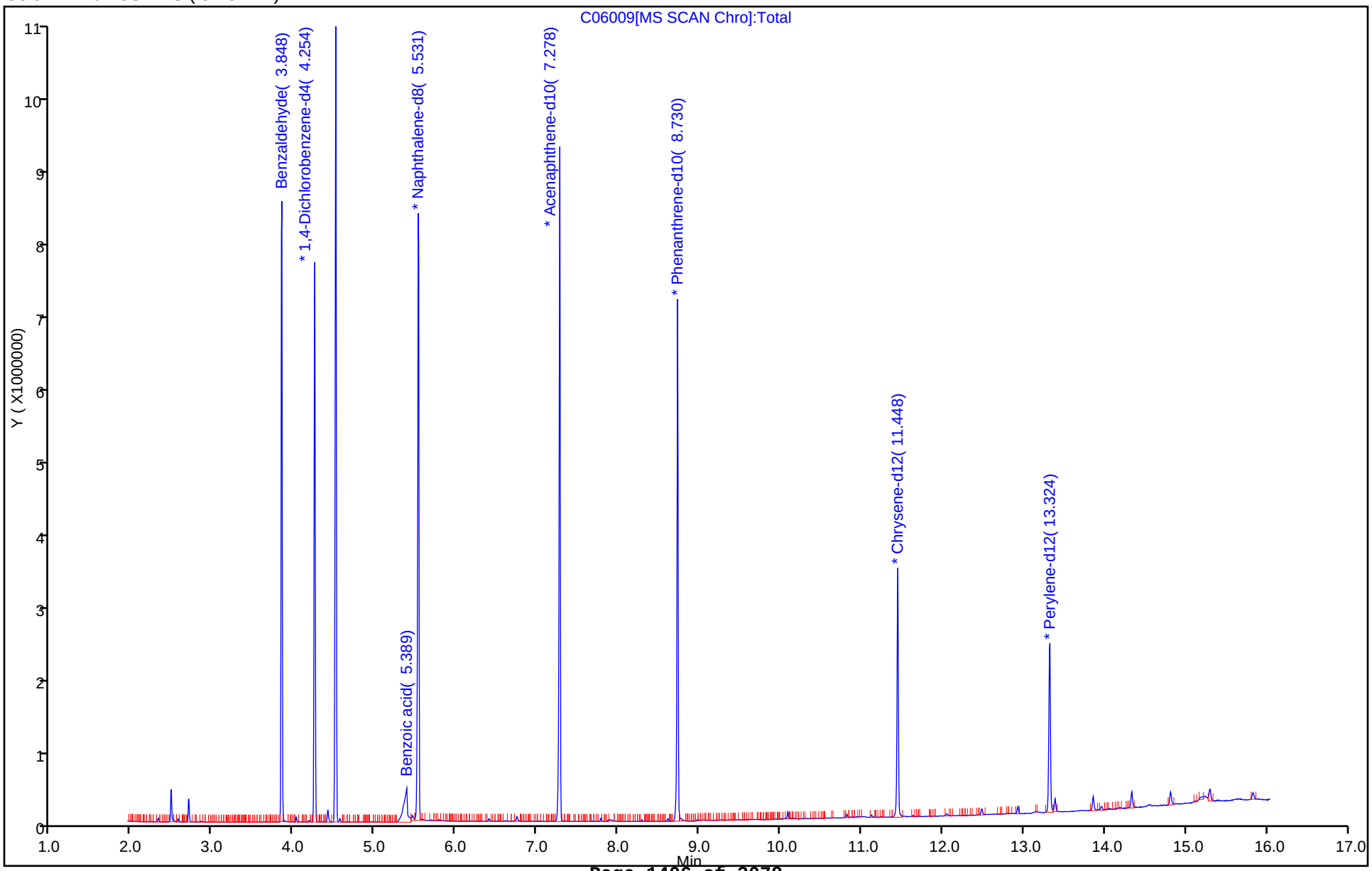
Report Date: 23-Jun-2014 23:20:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06009.D

Injection Date:	23-Jun-2014 03:32:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232192/3 Calibration Date: 06/23/2014 03:32

Instrument ID: CBNAMS13 Calib Start Date: 06/20/2014 07:44

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2014 09:44

Lab File ID: C06009.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.095	1.067	0.0100	9750	10000	-2.5	20.0

Report Date: 23-Jun-2014 23:20:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06009.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 23-Jun-2014 03:32:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-003
Misc. Info.: ccv
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub4

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 23:20:32 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: asfawa Date: 23-Jun-2014 03:57:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.848	3.848	0.000	89	1523923	10.0	9.75	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	97	1142146	8.00	8.00	
32 Benzoic acid	122	5.389	5.389	0.000	86	353617	NC	NC	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	4248547	8.00	8.00	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	2020623	8.00	8.00	
* 83 Phenanthrene-d10	188	8.730	8.730	0.000	99	2546165	8.00	8.00	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1297532	8.00	8.00	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	1081225	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

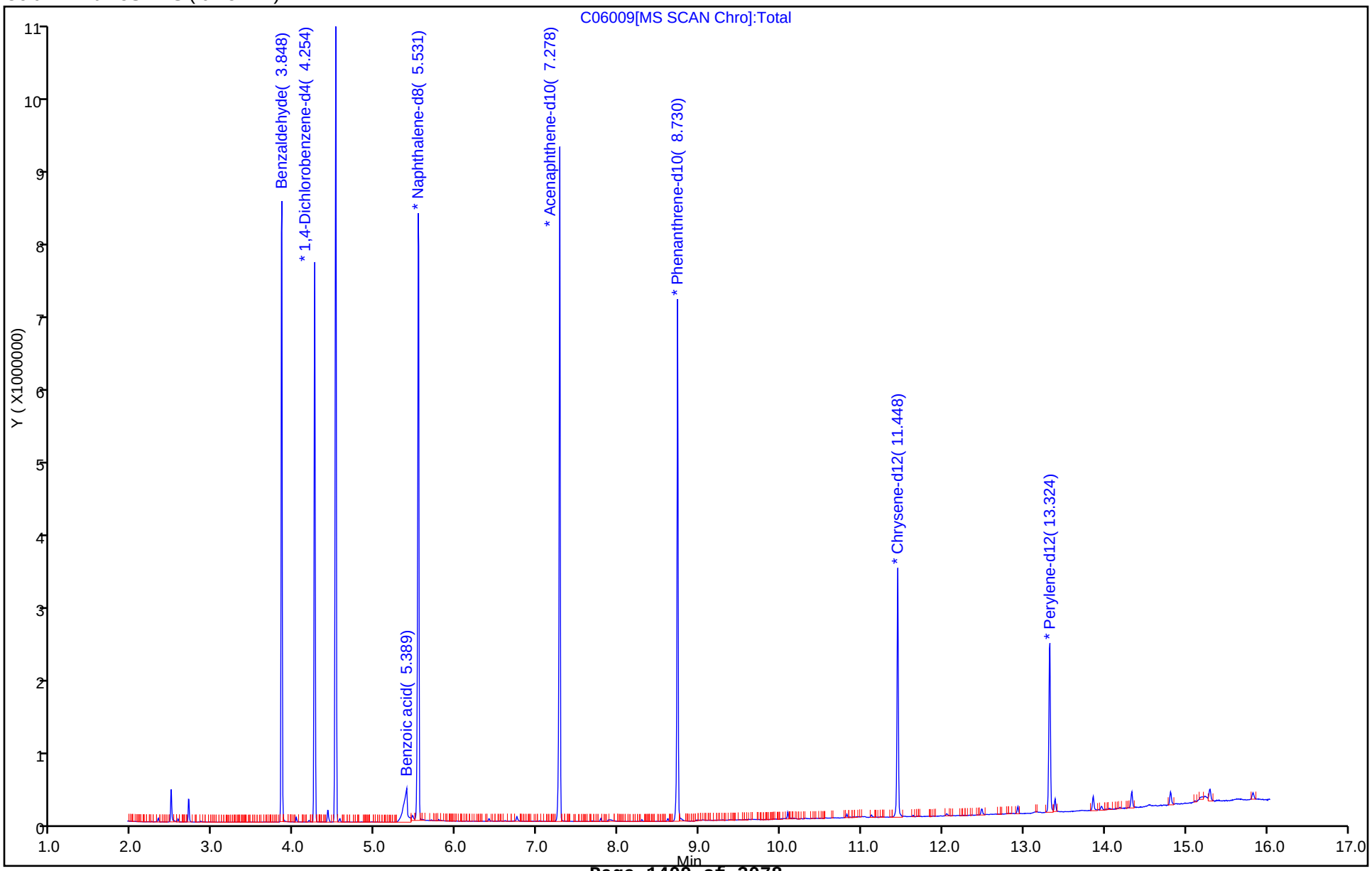
Report Date: 23-Jun-2014 23:20:34 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06009.D

Injection Date:	23-Jun-2014 03:32:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 22-Jun-2014 21:47:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014894-001
Misc. Info.: DFTPP =CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 09:17:38 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: asfawa Date: 22-Jun-2014 22:20:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.940	4.940	0.000	88	79480	NR	NR	7
89 Benzidine_T	184	6.740	6.740	0.000	99	552393	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	7.392	7.392	0.000	57	5879		NR	7
116 4,4'-DDT	235	7.710	7.710	0.000	98	296727	NR	NR	7

QC Flag Legend

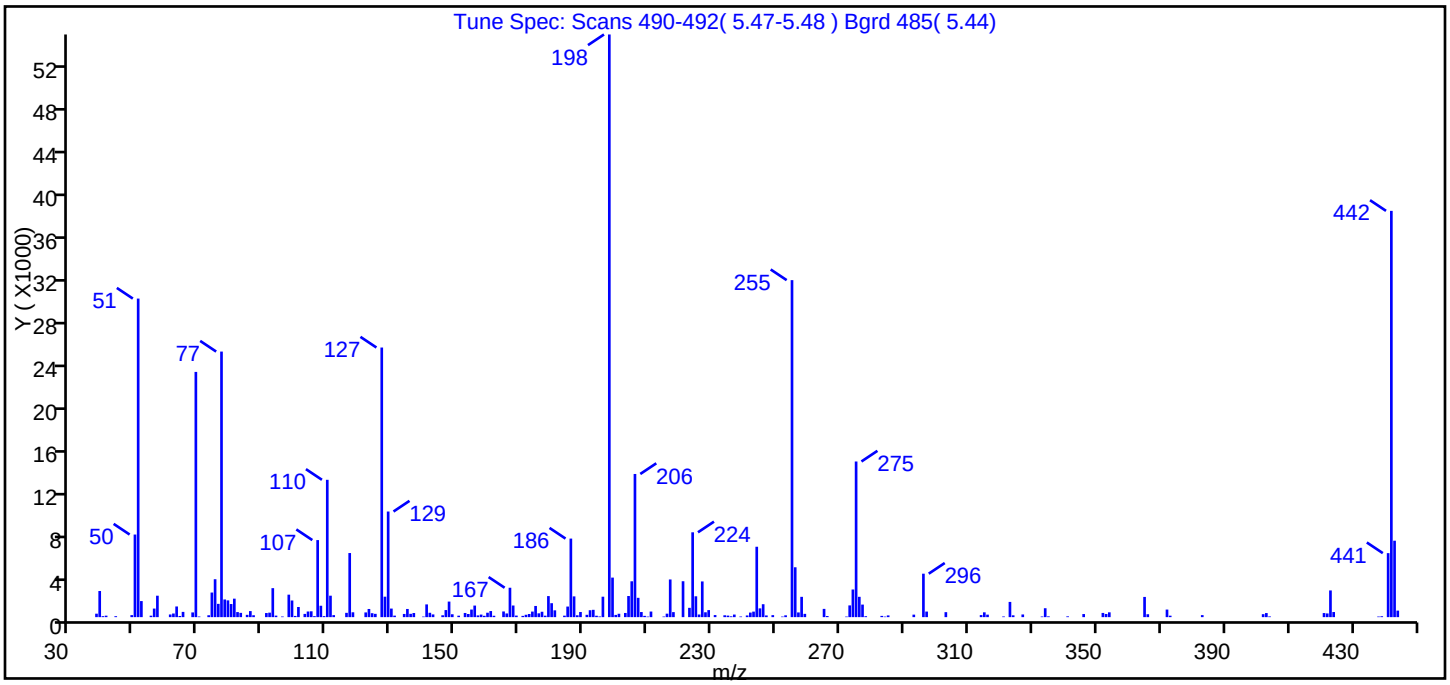
Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D
Injection Date: 22-Jun-2014 21:47:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	54.70
68	Less than 2.00% of mass 69	0.80 (1.90)
69	Present	42.10
70	Less than 2.00% of mass 69	0.10 (0.30)
127	40.00 - 60.00% of mass 198	46.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.80
275	10.00 - 30.00% of mass 198	26.70
365	Greater than 1.00% of mass 198	3.50
441	Present, but less than mass 443	11.00 (83.70)
442	Greater than 40.00% of mass 198	69.70
443	17.00 - 23.00% of mass 442	13.10 (18.80)

Report Date: 23-Jun-2014 09:17:39 Chrom Revision: 2.2 16-May-2014 10:46:48

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D\8270_12R.rslt\spectra.d
Injection Date: 22-Jun-2014 21:47:30
Spectrum: Tune Spec: Scans 490-492(5.47-5.48) Bgrd 485(5.44)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	321	116.00	400	186.00	7293	257.00	436
39.00	2426	117.00	5951	187.00	1927	258.00	1885
40.00	92	118.00	452	188.00	174	259.00	305
41.00	137	122.00	438	189.00	477	265.00	767
44.00	88	123.00	758	191.00	216	266.00	102
49.00	186	124.00	366	192.00	642	272.00	53
50.00	7669	125.00	306	193.00	680	273.00	1090
51.00	29576	127.00	25032	194.00	131	274.00	2567
52.00	1492	128.00	1899	195.00	62	275.00	14451
55.00	135	129.00	9806	196.00	1898	276.00	1887
56.00	796	130.00	796	198.00	54096	277.00	1166
57.00	1990	131.00	140	199.00	3671	278.00	87
61.00	248	134.00	297	200.00	208	283.00	117
62.00	338	135.00	759	201.00	314	284.00	50
63.00	991	136.00	308	203.00	388	285.00	160
64.00	108	137.00	384	204.00	1962	293.00	233
65.00	488	140.00	53	205.00	3329	296.00	4035
68.00	438	141.00	1183	206.00	13292	297.00	518
69.00	22768	142.00	405	207.00	1794	303.00	463
70.00	58	143.00	253	208.00	474	314.00	191
73.00	175	146.00	173	209.00	120	315.00	447
74.00	2284	147.00	657	210.00	50	316.00	231
75.00	3520	148.00	1445	211.00	520	321.00	62
76.00	1233	149.00	267	215.00	55	323.00	1414
77.00	24656	151.00	135	216.00	323	324.00	169
78.00	1641	153.00	387	217.00	3498	327.00	249
79.00	1557	154.00	291	218.00	467	333.00	59
80.00	1217	155.00	705	221.00	3334	334.00	828
81.00	1716	156.00	1074	223.00	864	335.00	73
82.00	470	157.00	161	224.00	7877	341.00	73
83.00	397	158.00	238	225.00	1937	346.00	287
85.00	214	159.00	124	226.00	245	352.00	391
86.00	561	160.00	410	227.00	3315	353.00	293

Report Date: 23-Jun-2014 09:17:39 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D\8270_12R.rslt\spectra.d
Injection Date: 22-Jun-2014 21:47:30
Spectrum: Tune Spec: Scans 490-492(5.47-5.48) Bgrd 485(5.44)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	176	161.00	565	228.00	452	354.00	447
91.00	382	162.00	129	229.00	653	365.00	1877
92.00	416	165.00	528	231.00	192	366.00	270
93.00	2691	166.00	342	234.00	173	372.00	704
94.00	141	167.00	2730	235.00	143	373.00	135
96.00	58	168.00	1080	236.00	74	383.00	188
98.00	2087	169.00	145	237.00	240	402.00	276
99.00	1546	171.00	118	239.00	59	403.00	380
100.00	112	172.00	221	241.00	156	404.00	67
101.00	942	173.00	292	242.00	423	421.00	379
103.00	301	174.00	517	243.00	513	422.00	344
104.00	524	175.00	1038	244.00	6536	423.00	2479
105.00	543	176.00	354	245.00	814	424.00	475
106.00	92	177.00	501	246.00	1200	438.00	56
107.00	7154	178.00	136	247.00	158	439.00	83
108.00	1058	179.00	1955	249.00	186	441.00	5942
109.00	93	180.00	1295	252.00	53	442.00	37720
110.00	12751	181.00	632	253.00	169	443.00	7096
111.00	1991	184.00	137	255.00	31288	444.00	606
112.00	187	185.00	983	256.00	4630		

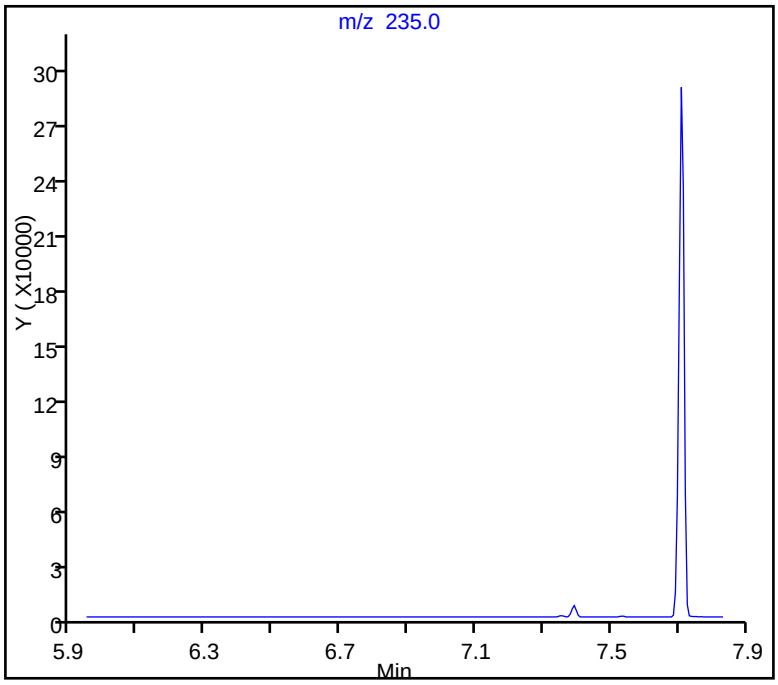
Report Date: 23-Jun-2014 09:17:39 Chrom Revision: 2.2 16-May-2014 10:46:48

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D
Injection Date: 22-Jun-2014 21:47:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 296727
114 4,4'-DDD, Area = 5879
115 4,4'-DDE, Area = 0

%Breakdown: 1.94%, Max Limit: 20.00%
Passed

Report Date: 23-Jun-2014 09:17:39 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

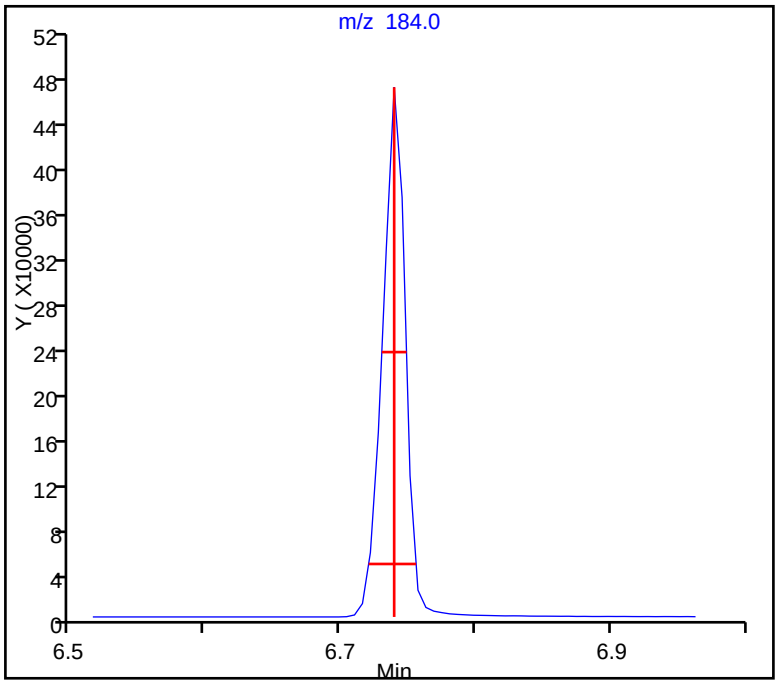
Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D
Injection Date: 22-Jun-2014 21:47:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Report Date: 23-Jun-2014 09:17:39 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

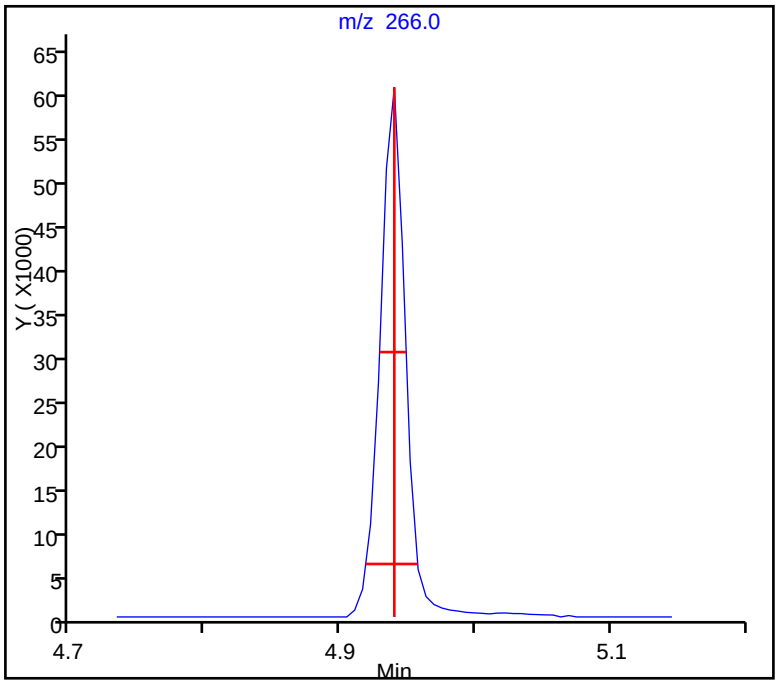
Data File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150813.D
Injection Date: 22-Jun-2014 21:47:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 24-Jun-2014 02:59:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:41:28 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 24-Jun-2014 03:14:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.928	4.928	0.000	83	14178	NR	NR	7
89 Benzidine_T	184	6.722	6.722	0.000	99	146256	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	7.381	7.381	0.000	1	760		NR	7
116 4,4'-DDT	235	7.698	7.698	0.000	92	44033	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

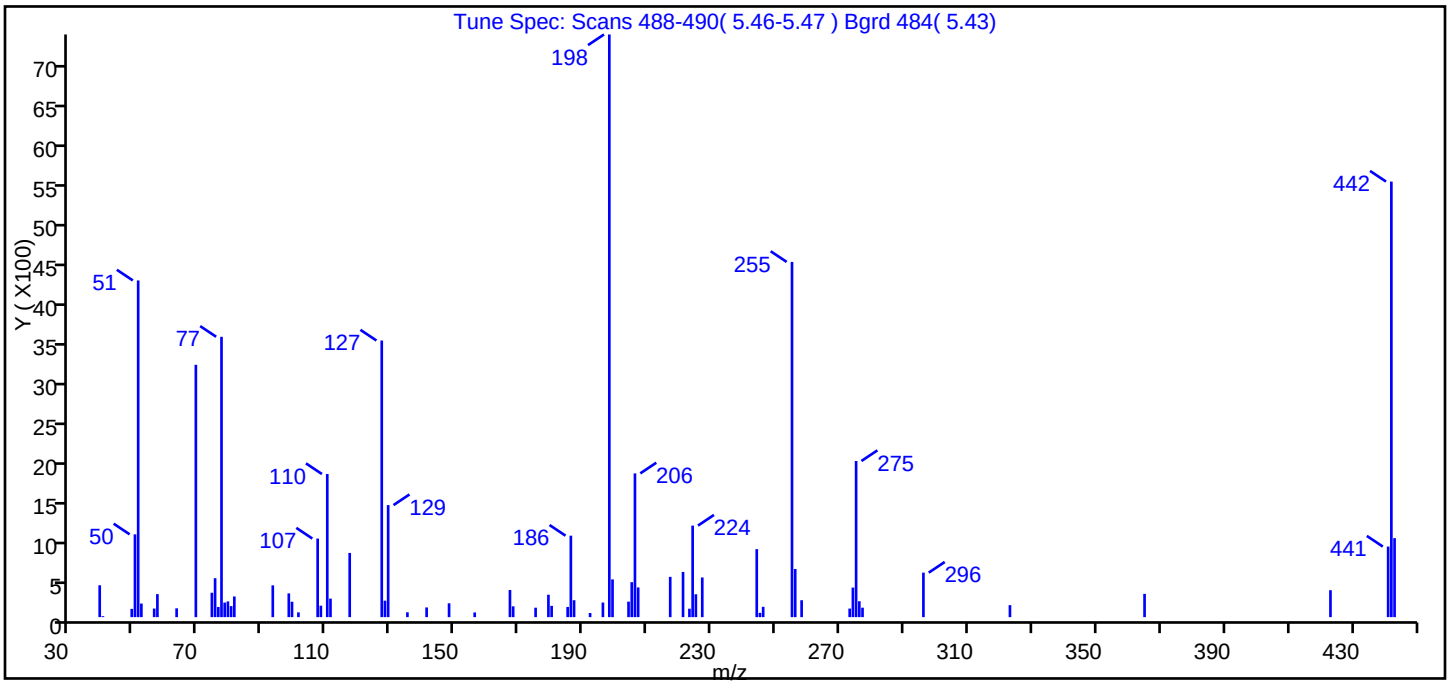
Report Date: 24-Jun-2014 16:41:29 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D
Injection Date: 24-Jun-2014 02:59:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	57.80
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	43.30
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	26.80
365	Greater than 1.00% of mass 198	4.00
441	Present, but less than mass 443	12.10 (89.30)
442	Greater than 40.00% of mass 198	74.80
443	17.00 - 23.00% of mass 442	13.60 (18.10)

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D\8270_12R.rslt\spectra.d
Injection Date: 24-Jun-2014 02:59:30
Spectrum: Tune Spec: Scans 488-490(5.46-5.47) Bgrd 484(5.43)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 74

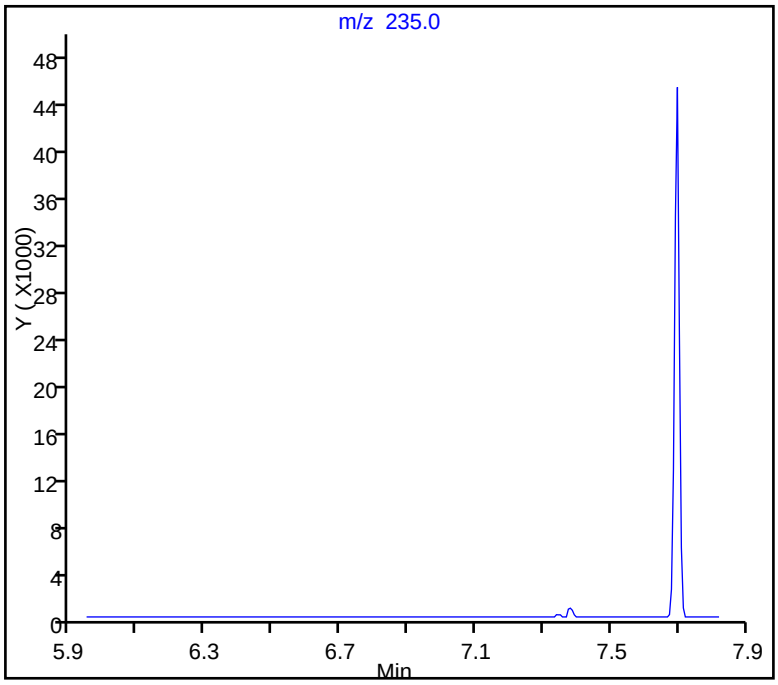
m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	401	98.00	299	180.00	142	245.00	54
40.00	12	99.00	194	185.00	128	246.00	130
49.00	104	101.00	60	186.00	1025	255.00	4470
50.00	1042	107.00	989	187.00	213	256.00	606
51.00	4237	108.00	144	192.00	52	258.00	213
52.00	171	110.00	1801	196.00	184	273.00	108
56.00	108	111.00	233	198.00	7332	274.00	372
57.00	290	117.00	808	199.00	475	275.00	1965
63.00	111	127.00	3481	204.00	195	276.00	200
69.00	3175	128.00	207	205.00	440	277.00	119
74.00	307	129.00	1410	206.00	1809	296.00	560
75.00	490	135.00	61	207.00	374	323.00	151
76.00	128	141.00	122	217.00	507	365.00	293
77.00	3528	148.00	174	221.00	569	423.00	339
78.00	183	156.00	59	223.00	106	441.00	888
79.00	198	167.00	342	224.00	1152	442.00	5481
80.00	139	168.00	136	225.00	288	443.00	994
81.00	260	175.00	119	227.00	499		
93.00	400	179.00	282	244.00	856		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D
Injection Date: 24-Jun-2014 02:59:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 44033
114 4,4'-DDD, Area = 760
115 4,4'-DDE, Area = 0

%Breakdown: 1.70%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

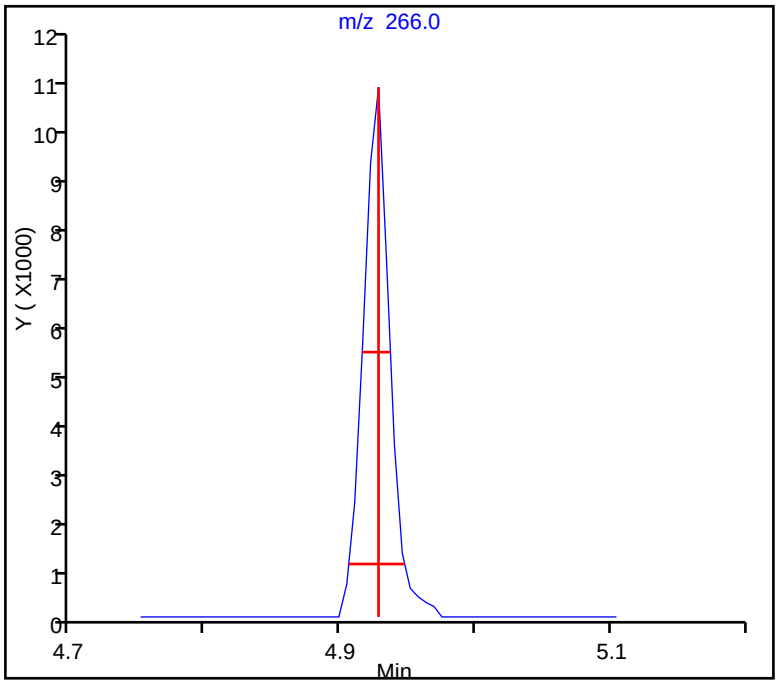
Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D
Injection Date: 24-Jun-2014 02:59:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Report Date: 24-Jun-2014 16:41:29 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

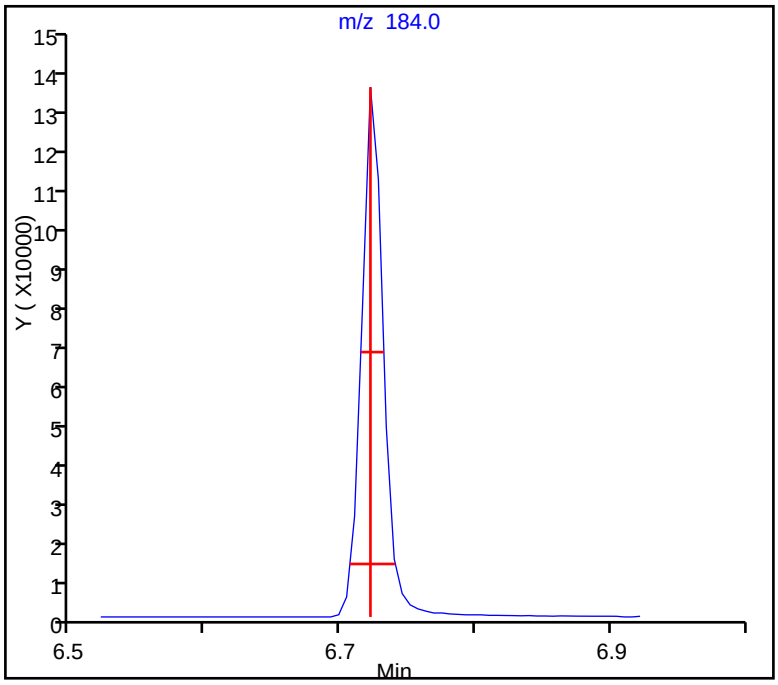
Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150863.D
Injection Date: 24-Jun-2014 02:59:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 24-Jun-2014 17:58:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014971-001
Misc. Info.: DFTPP =DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 01:18:45 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: zhaoc Date: 24-Jun-2014 18:27:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.916	4.916	0.000	88	23262	NR	NR	7
89 Benzidine_T	184	6.716	6.716	0.000	99	146082	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	7.369	7.369	0.000	1	1180		NR	7
116 4,4'-DDT	235	7.687	7.687	0.000	95	58310	NR	NR	7

QC Flag Legend

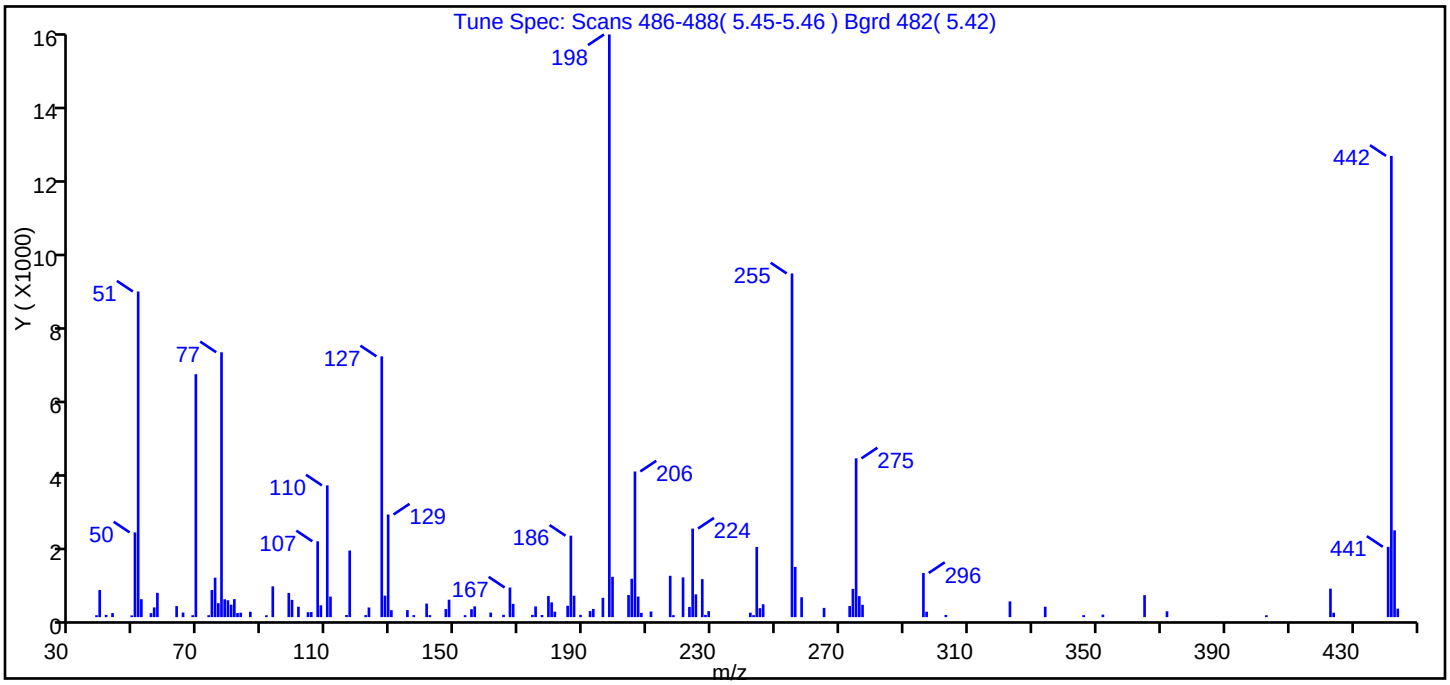
Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D
Injection Date: 24-Jun-2014 17:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	55.90
68	Less than 2.00% of mass 69	0.30 (0.80)
69	Present	41.70
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	44.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.90
275	10.00 - 30.00% of mass 198	27.20
365	Greater than 1.00% of mass 198	3.80
441	Present, but less than mass 443	12.10 (81.00)
442	Greater than 40.00% of mass 198	79.20
443	17.00 - 23.00% of mass 442	14.90 (18.80)

Report Date: 25-Jun-2014 01:18:45 Chrom Revision: 2.2 16-May-2014 10:46:48

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D\8270_12R.rslt\spectra.d
Injection Date: 24-Jun-2014 17:58:30
Spectrum: Tune Spec: Scans 486-488(5.45-5.46) Bgrd 482(5.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	51	99.00	457	175.00	284	243.00	53
39.00	719	101.00	276	177.00	55	244.00	1859
41.00	61	104.00	130	179.00	561	245.00	238
43.00	108	105.00	134	180.00	392	246.00	342
49.00	46	107.00	2009	181.00	146	255.00	9105
50.00	2245	108.00	314	185.00	301	256.00	1330
51.00	8626	110.00	3490	186.00	2157	258.00	527
52.00	475	111.00	545	187.00	568	265.00	245
55.00	106	116.00	57	189.00	61	273.00	295
56.00	258	117.00	1765	192.00	161	274.00	749
57.00	644	122.00	54	193.00	218	275.00	4206
63.00	292	123.00	256	196.00	512	276.00	557
65.00	122	127.00	6909	198.00	15435	277.00	328
68.00	51	128.00	570	199.00	1069	296.00	1170
69.00	6436	129.00	2719	204.00	586	297.00	144
73.00	52	130.00	185	205.00	1017	303.00	57
74.00	719	135.00	187	206.00	3859	323.00	418
75.00	1046	137.00	54	207.00	546	334.00	276
76.00	369	141.00	360	208.00	113	346.00	53
77.00	7017	142.00	54	211.00	150	352.00	67
78.00	473	147.00	215	217.00	1095	365.00	582
79.00	448	148.00	462	218.00	52	372.00	155
80.00	331	153.00	53	221.00	1053	403.00	50
81.00	477	155.00	211	223.00	271	423.00	755
82.00	108	156.00	285	224.00	2346	424.00	117
83.00	118	161.00	121	225.00	604	441.00	1863
86.00	143	165.00	62	227.00	1007	442.00	12219
91.00	50	167.00	785	228.00	60	443.00	2299
93.00	816	168.00	351	229.00	159	444.00	224
98.00	642	174.00	62	242.00	118		

Report Date: 25-Jun-2014 01:18:45 Chrom Revision: 2.2 16-May-2014 10:46:48

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D

Injection Date: 24-Jun-2014 17:58:30 Instrument ID: CBNAMS12

Lims ID: DFTPP

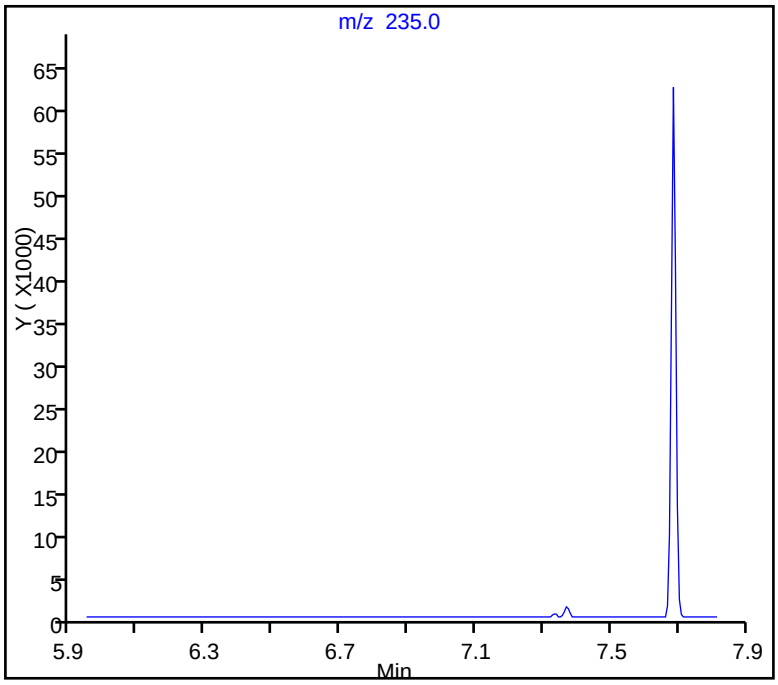
Client ID:

Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 58310
114 4,4'-DDD, Area = 1180
115 4,4'-DDE, Area = 0

%Breakdown: 1.98%, Max Limit: 20.00%
Passed

Report Date: 25-Jun-2014 01:18:45 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

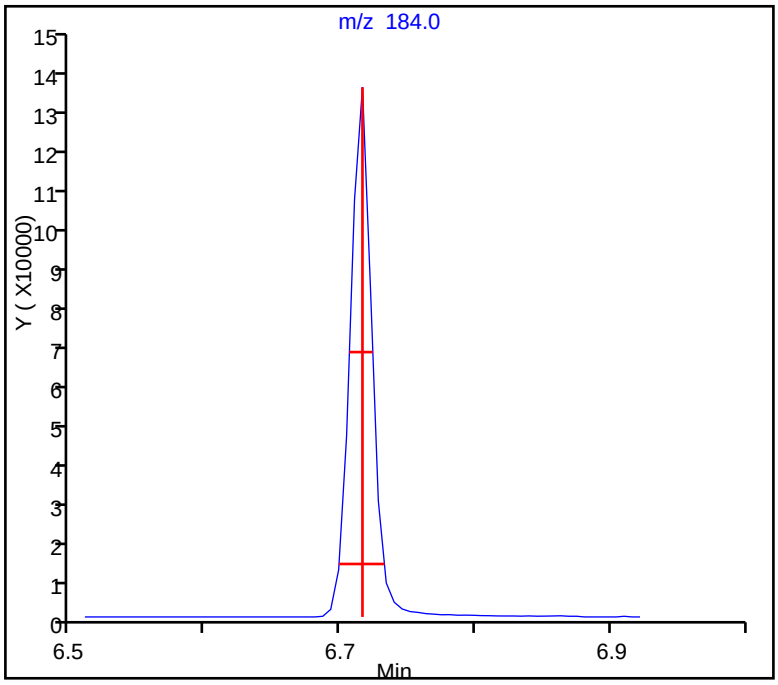
Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D
Injection Date: 24-Jun-2014 17:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Report Date: 25-Jun-2014 01:18:45 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150894.D

Injection Date: 24-Jun-2014 17:58:30 Instrument ID: CBNAMS12

Lims ID: DFTPP

Client ID:

Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

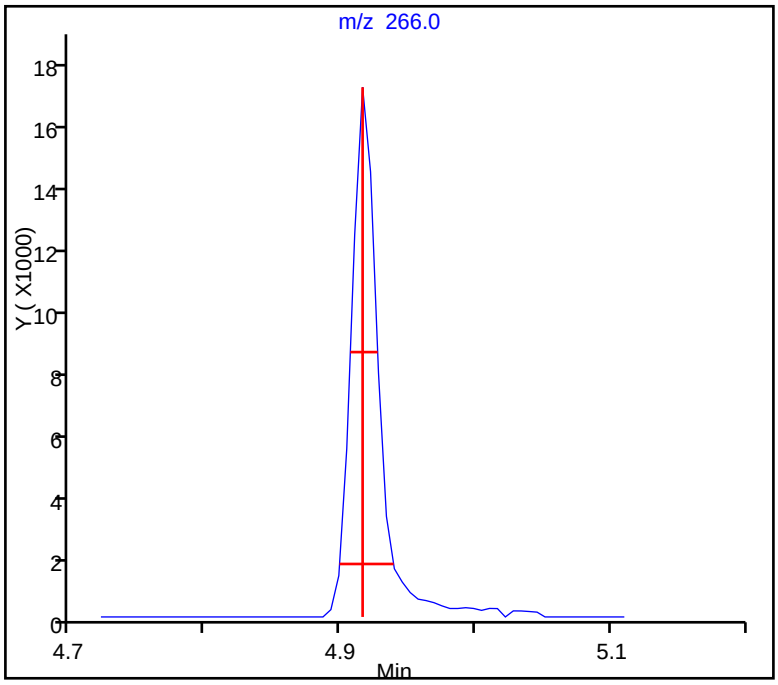
Method: 8270_12R Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 20-Jun-2014 03:20:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014803-001
Misc. Info.: DFTPP bna 4984
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 19:57:56 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.228	5.228	0.000	87	19528	NR	NR	7
89 Benzidine_T	184	7.010	7.010	0.000	98	144318	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	7.592	7.592	0.000	0	1315		NR	7
116 4,4'-DDT	235	7.939	7.939	0.000	80	67569	NR	NR	7

QC Flag Legend

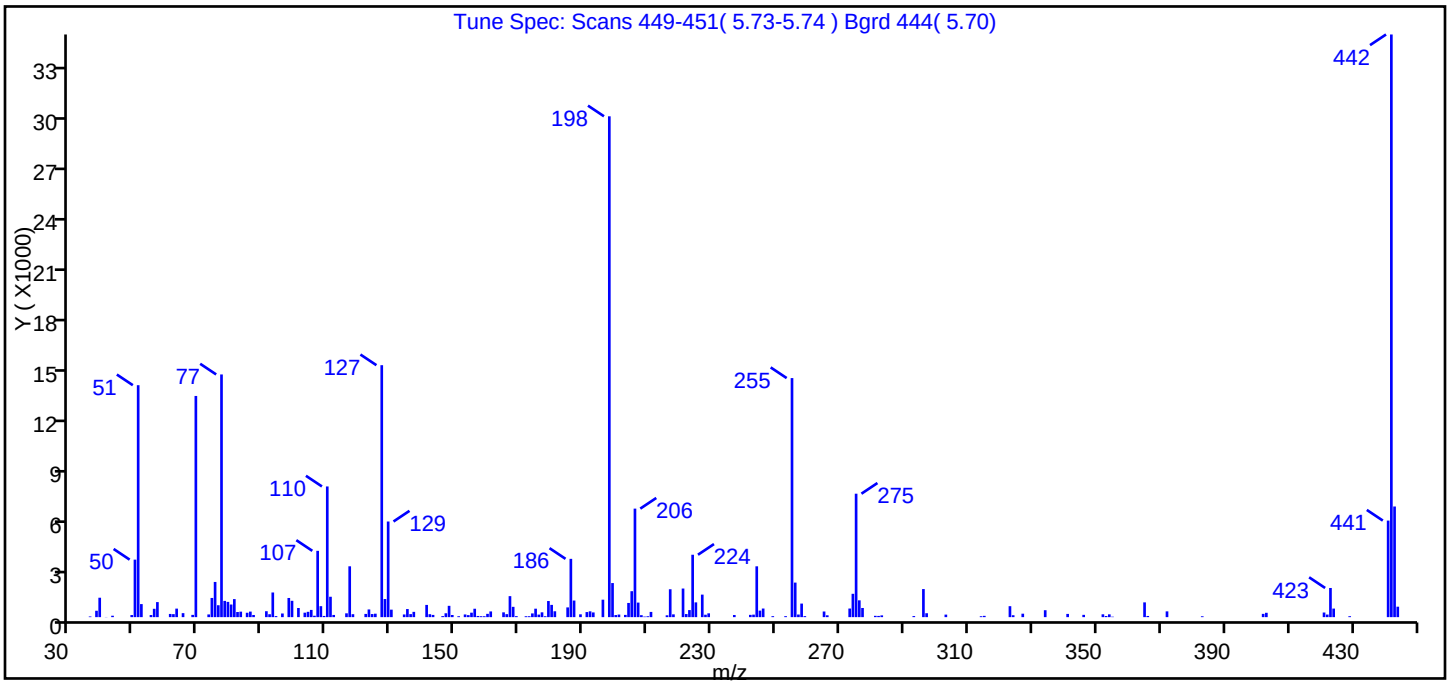
Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D
Injection Date: 20-Jun-2014 03:20:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.30
68	Less than 2.00% of mass 69	0.50 (1.00)
69	Present	44.20
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.80
275	10.00 - 30.00% of mass 198	24.60
365	Greater than 1.00% of mass 198	2.90
441	Present, but less than mass 443	19.30 (87.30)
442	Greater than 40.00% of mass 198	116.30
443	17.00 - 23.00% of mass 442	22.10 (19.00)

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D\8270LVI_R13.rslt\spectra.d
Injection Date: 20-Jun-2014 03:20:30
Spectrum: Tune Spec: Scans 449-451(5.73-5.74) Bgrd 444(5.70)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 183

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	40	109.00	70	177.00	283	256.00	2030
38.00	375	110.00	7680	178.00	52	257.00	154
39.00	1141	111.00	1198	179.00	947	258.00	797
41.00	9	112.00	129	180.00	720	259.00	59
43.00	83	116.00	225	181.00	345	265.00	332
49.00	122	117.00	2988	185.00	573	266.00	108
50.00	3379	118.00	174	186.00	3426	273.00	506
51.00	13630	122.00	189	187.00	976	274.00	1372
52.00	767	123.00	452	189.00	166	275.00	7254
55.00	123	124.00	182	191.00	298	276.00	988
56.00	491	125.00	202	192.00	342	277.00	538
57.00	884	127.00	14806	193.00	277	281.00	78
61.00	188	128.00	1065	196.00	1026	282.00	72
62.00	177	129.00	5620	198.00	29432	283.00	104
63.00	501	130.00	440	199.00	2003	293.00	63
65.00	235	134.00	158	200.00	123	296.00	1650
68.00	133	135.00	476	201.00	152	297.00	230
69.00	12998	136.00	178	203.00	132	303.00	149
73.00	159	137.00	311	204.00	834	314.00	54
74.00	1128	141.00	718	205.00	1525	315.00	76
75.00	2068	142.00	173	206.00	6377	323.00	644
76.00	700	143.00	131	207.00	855	324.00	112
77.00	14262	146.00	61	208.00	115	327.00	203
78.00	955	147.00	228	209.00	32	334.00	407
79.00	897	148.00	665	210.00	52	341.00	190
80.00	742	149.00	126	211.00	307	346.00	135
81.00	1060	151.00	53	216.00	108	352.00	167
82.00	301	153.00	158	217.00	1639	353.00	67
83.00	323	154.00	118	218.00	164	354.00	164
85.00	258	155.00	262	221.00	1681	355.00	27
86.00	326	156.00	494	222.00	182	365.00	868
87.00	127	157.00	69	223.00	415	366.00	69
91.00	349	158.00	55	224.00	3667	372.00	340

Report Date: 23-Jun-2014 19:57:56 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D\8270LVI_R13.rslt\spectra.d
Injection Date: 20-Jun-2014 03:20:30
Spectrum: Tune Spec: Scans 449-451(5.73-5.74) Bgrd 444(5.70)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 183

m/z	Y	m/z	Y	m/z	Y	m/z	Y
92.00	171	159.00	53	225.00	868	383.00	51
93.00	1449	160.00	194	227.00	1324	402.00	193
94.00	62	161.00	336	228.00	142	403.00	256
96.00	215	165.00	282	229.00	224	421.00	272
98.00	1126	166.00	176	237.00	125	422.00	152
99.00	960	167.00	1234	242.00	134	423.00	1714
101.00	537	168.00	606	243.00	147	424.00	503
103.00	263	169.00	59	244.00	2987	429.00	55
104.00	313	172.00	53	245.00	384	441.00	5674
105.00	425	173.00	54	246.00	506	442.00	34240
106.00	82	174.00	219	249.00	57	443.00	6502
107.00	3896	175.00	497	253.00	58	444.00	614
108.00	645	176.00	149	255.00	14048		

Report Date: 23-Jun-2014 19:57:56 Chrom Revision: 2.2 16-May-2014 10:46:48

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D

Injection Date: 20-Jun-2014 03:20:30 Instrument ID: CBNAMS13

Lims ID: dftpp

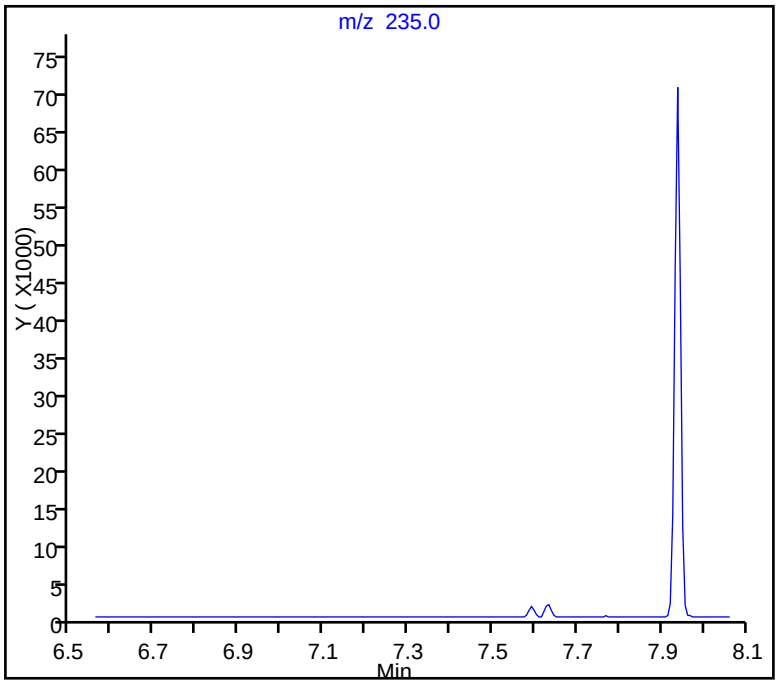
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 67569
114 4,4'-DDD, Area = 1315
115 4,4'-DDE, Area = 0

%Breakdown: 1.91%, Max Limit: 20.00%
Passed

Report Date: 23-Jun-2014 19:57:56 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

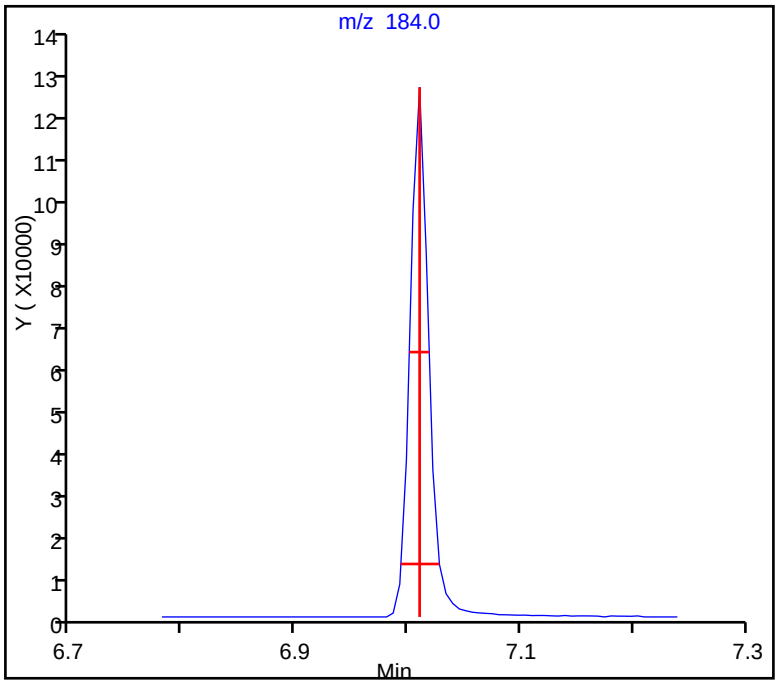
Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D
Injection Date: 20-Jun-2014 03:20:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Report Date: 23-Jun-2014 19:57:56 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

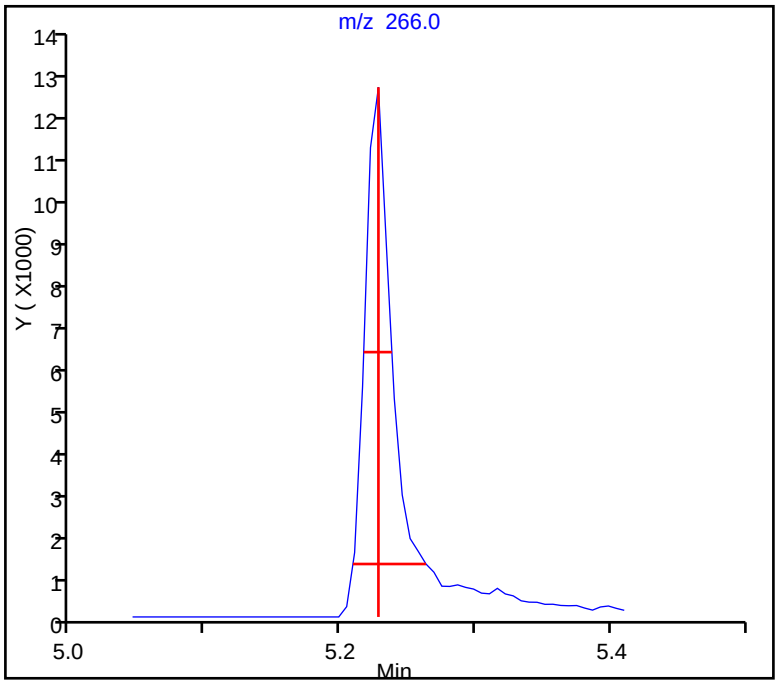
Data File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05924.D
Injection Date: 20-Jun-2014 03:20:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.035 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.9, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 23-Jun-2014 02:30:30 ALS Bottle#: 1 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-015
Misc. Info.: DFTPP bna 4984
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 23-Jun-2014 23:20:24 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: asfawa Date: 23-Jun-2014 02:56:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.116	5.116	0.000	87	19486	NR	NR	7
89 Benzidine_T	184	6.898	6.898	0.000	99	187345	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	7.522	7.522	0.000	12	1965		NR	7
116 4,4'-DDT	235	7.834	7.834	0.000	98	88216	NR	NR	7

QC Flag Legend

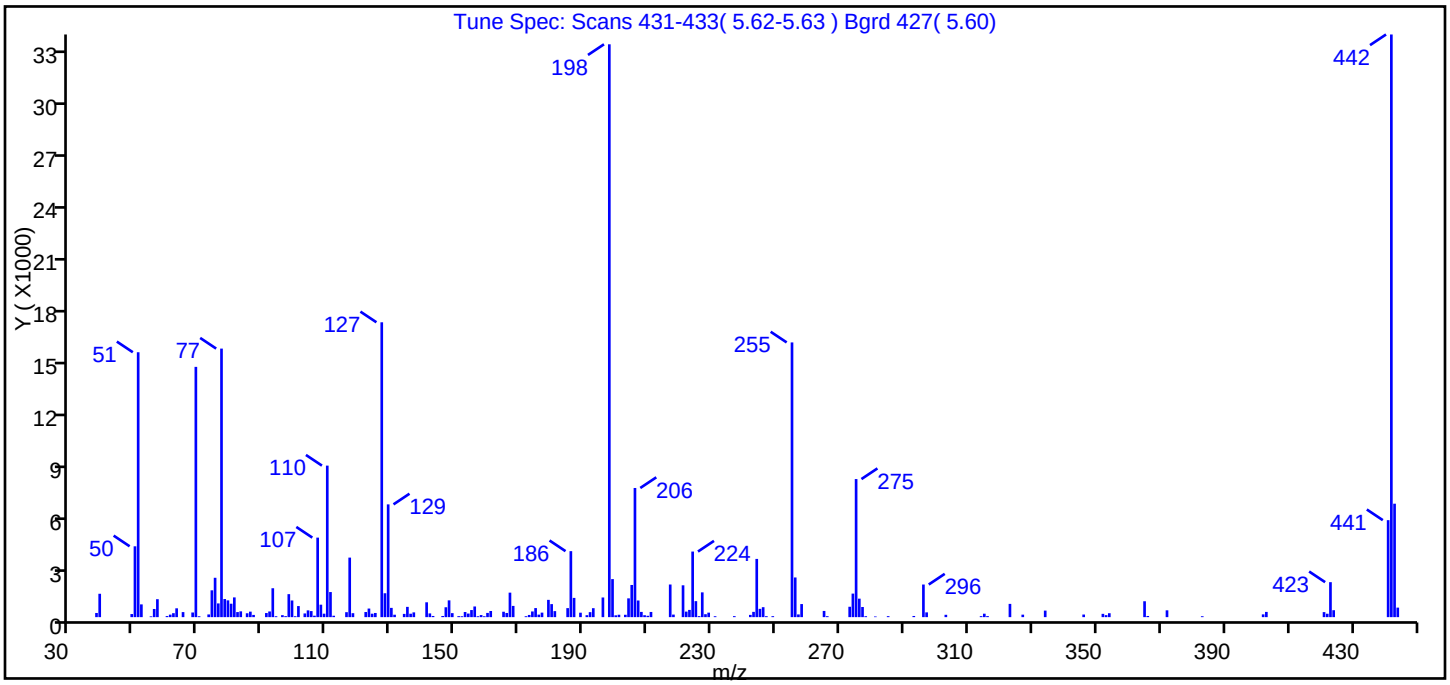
Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D
Injection Date: 23-Jun-2014 02:30:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.20
68	Less than 2.00% of mass 69	0.80 (1.90)
69	Present	43.70
70	Less than 2.00% of mass 69	0.20 (0.40)
127	40.00 - 60.00% of mass 198	51.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	24.10
365	Greater than 1.00% of mass 198	2.80
441	Present, but less than mass 443	16.90 (85.50)
442	Greater than 40.00% of mass 198	101.70
443	17.00 - 23.00% of mass 442	19.80 (19.50)

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D\8270LVI_R13.rslt\spectra.d
Injection Date: 23-Jun-2014 02:30:30
Spectrum: Tune Spec: Scans 431-433(5.62-5.63) Bgrd 427(5.60)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 181

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	241	108.00	721	175.00	524	249.00	56
39.00	1352	109.00	200	176.00	145	255.00	15891
49.00	179	110.00	8765	177.00	261	256.00	2295
50.00	4098	111.00	1451	179.00	1000	257.00	157
51.00	15323	112.00	81	180.00	754	258.00	757
52.00	738	116.00	287	181.00	348	265.00	359
55.00	45	117.00	3444	185.00	522	266.00	55
56.00	472	118.00	229	186.00	3817	273.00	601
57.00	1039	122.00	296	187.00	1113	274.00	1362
60.00	63	123.00	497	189.00	257	275.00	7987
61.00	145	124.00	199	191.00	113	276.00	1069
62.00	229	125.00	241	192.00	289	277.00	586
63.00	511	127.00	17056	193.00	518	278.00	54
65.00	292	128.00	1382	196.00	1137	281.00	38
68.00	269	129.00	6523	198.00	33136	285.00	57
69.00	14477	130.00	536	199.00	2201	293.00	67
70.00	51	131.00	140	200.00	105	296.00	1887
73.00	156	134.00	188	201.00	139	297.00	276
74.00	1552	135.00	594	203.00	137	303.00	136
75.00	2277	136.00	198	204.00	1087	314.00	57
76.00	794	137.00	276	205.00	1861	315.00	199
77.00	15534	141.00	859	206.00	7471	316.00	60
78.00	1048	142.00	216	207.00	963	323.00	767
79.00	971	143.00	68	208.00	303	327.00	144
80.00	777	146.00	67	209.00	112	334.00	378
81.00	1142	147.00	572	210.00	79	346.00	151
82.00	293	148.00	971	211.00	300	352.00	191
83.00	336	149.00	232	217.00	1888	353.00	116
85.00	224	151.00	57	218.00	148	354.00	227
86.00	318	152.00	51	221.00	1842	365.00	919
87.00	129	153.00	297	222.00	320	366.00	67
91.00	238	154.00	207	223.00	418	372.00	395
92.00	329	155.00	411	224.00	3794	383.00	52

Report Date: 23-Jun-2014 23:20:24 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D\8270LVI_R13.rslt\spectra.d
Injection Date: 23-Jun-2014 02:30:30
Spectrum: Tune Spec: Scans 431-433(5.62-5.63) Bgrd 427(5.60)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 181

m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	1672	156.00	617	225.00	925	402.00	161
94.00	52	157.00	52	226.00	59	403.00	303
96.00	114	158.00	120	227.00	1433	421.00	291
97.00	57	159.00	50	228.00	171	422.00	197
98.00	1330	160.00	244	229.00	260	423.00	2023
99.00	964	161.00	356	231.00	52	424.00	401
100.00	52	165.00	313	237.00	58	441.00	5610
101.00	641	166.00	241	242.00	130	442.00	33704
103.00	214	167.00	1417	243.00	305	443.00	6562
104.00	392	168.00	650	244.00	3368	444.00	551
105.00	350	172.00	53	245.00	480		
106.00	83	173.00	127	246.00	576		
107.00	4600	174.00	329	247.00	55		

Report Date: 23-Jun-2014 23:20:24 Chrom Revision: 2.2 16-May-2014 10:46:48

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D

Injection Date: 23-Jun-2014 02:30:30 Instrument ID: CBNAMS13

Lims ID: dftpp

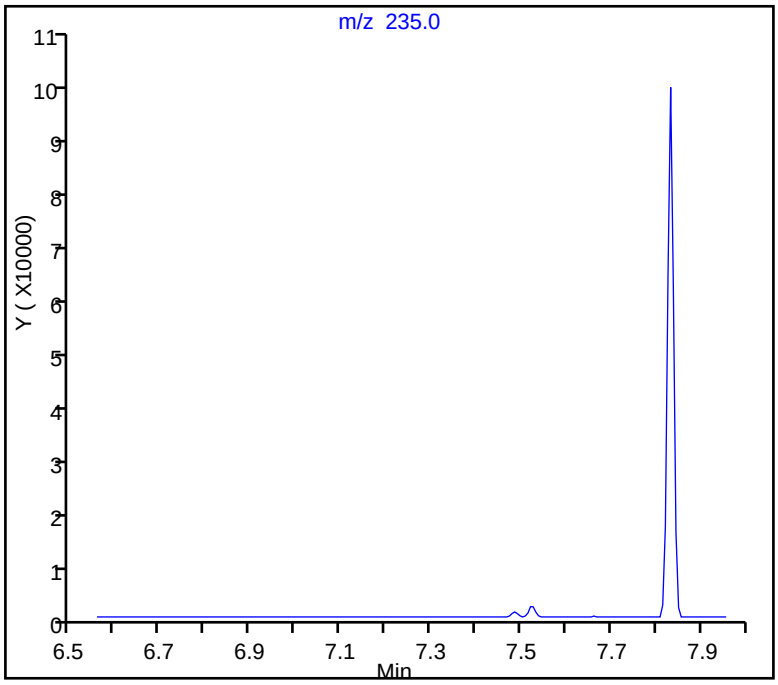
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 15

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 88216
114 4,4'-DDD, Area = 1965
115 4,4'-DDE, Area = 0

%Breakdown: 2.18%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

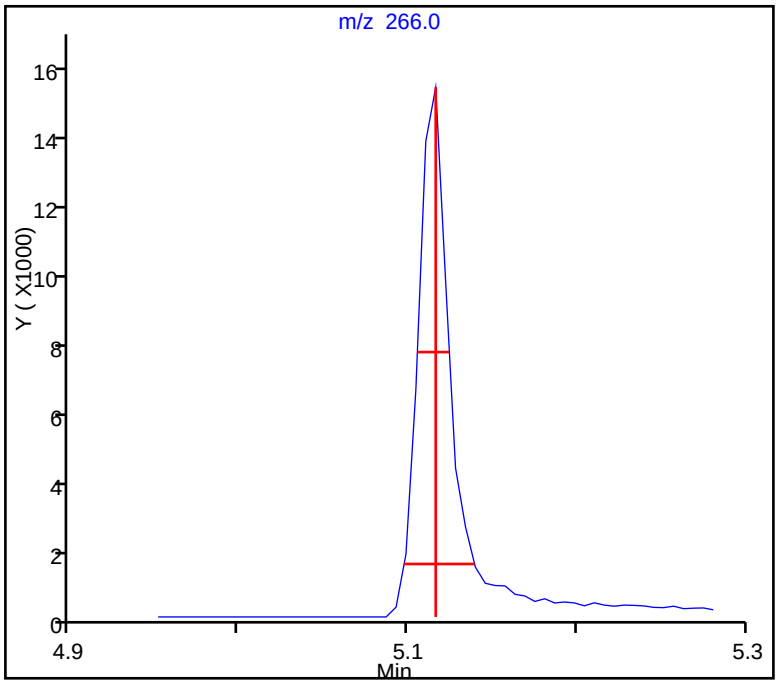
Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D
Injection Date: 23-Jun-2014 02:30:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

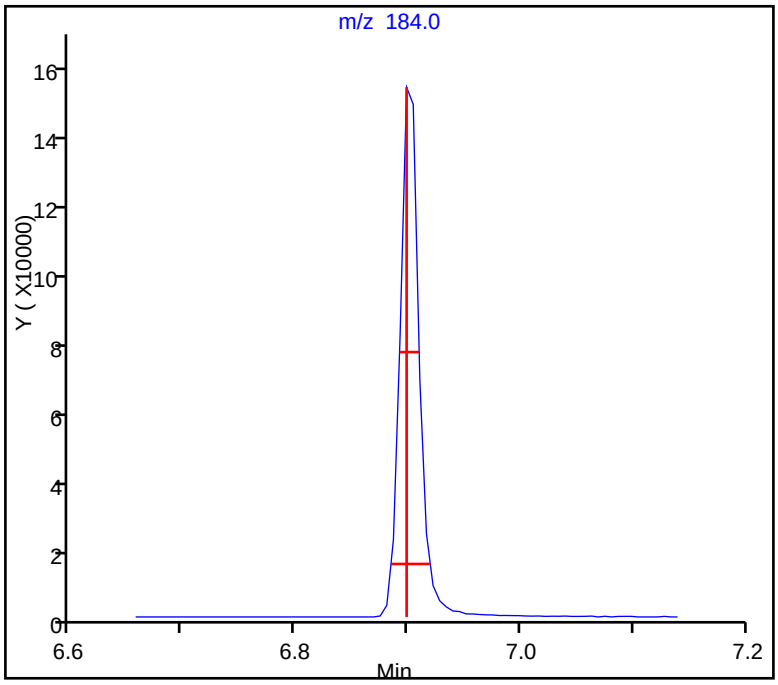
Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06007.D
Injection Date: 23-Jun-2014 02:30:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.5, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231764/1-A

Matrix: Solid | Lab File ID: L1150867.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2014 04:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	330	44
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
120-83-2	2,4-Dichlorophenol	48	U	330	48
105-67-9	2,4-Dimethylphenol	81	U	330	81
51-28-5	2,4-Dinitrophenol	190	U	670	190
121-14-2	2,4-Dinitrotoluene	11	U	67	11
606-20-2	2,6-Dinitrotoluene	10	U	67	10
91-58-7	2-Chloronaphthalene	37	U	330	37
95-57-8	2-Chlorophenol	43	U	330	43
91-57-6	2-Methylnaphthalene	42	U	330	42
95-48-7	2-Methylphenol	56	U	330	56
88-74-4	2-Nitroaniline	140	U	330	140
88-75-5	2-Nitrophenol	37	U	330	37
91-94-1	3,3'-Dichlorobenzidine	120	U	330	120
99-09-2	3-Nitroaniline	120	U	330	120
534-52-1	4,6-Dinitro-2-methylphenol	90	U	670	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
106-47-8	4-Chloroaniline	87	U	330	87
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
106-44-5	4-Methylphenol	65	U	330	65
100-01-6	4-Nitroaniline	100	U	670	100
100-02-7	4-Nitrophenol	210	U	330	210
83-32-9	Acenaphthene	48	U	330	48
208-96-8	Acenaphthylene	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
120-12-7	Anthracene	40	U	330	40
1912-24-9	Atrazine	51	U	330	51
100-52-7	Benzaldehyde	39	U	330	39
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231764/1-A

Matrix: Solid | Lab File ID: L1150867.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2014 04:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
85-68-7	Butyl benzyl phthalate	30	U	330	30
105-60-2	Caprolactam	76	U	330	76
86-74-8	Carbazole	39	U	330	39
218-01-9	Chrysene	39	U	330	39
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
131-11-3	Dimethyl phthalate	39	U	330	39
84-74-2	Di-n-butyl phthalate	41	U	330	41
117-84-0	Di-n-octyl phthalate	21	U	330	21
92-52-4	Diphenyl	44	U	330	44
206-44-0	Fluoranthene	44	U	330	44
86-73-7	Fluorene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
67-72-1	Hexachloroethane	3.7	U	33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
78-59-1	Isophorone	40	U	330	40
91-20-3	Naphthalene	38	U	330	38
98-95-3	Nitrobenzene	4.7	U	33	4.7
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
87-86-5	Pentachlorophenol	99	U	670	99
85-01-8	Phenanthrene	42	U	330	42
108-95-2	Phenol	44	U	330	44
129-00-0	Pyrene	28	U	330	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-231764/1-A

Matrix: Solid Lab File ID: L1150867.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3541 Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.03(g) Date Analyzed: 06/24/2014 04:42

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	94		19-114
321-60-8	2-Fluorobiphenyl	98		49-112
367-12-4	2-Fluorophenol	87		39-103
4165-60-0	Nitrobenzene-d5	95		40-106
4165-62-2	Phenol-d5	87		44-104
1718-51-0	Terphenyl-d14	119		41-145

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231764/1-A

Matrix: Solid | Lab File ID: L1150867.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.03(g) | Date Analyzed: 06/24/2014 04:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 5135

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	1.42	915	J
	Aldol condensation product	2.91	4220	J A

Report Date: 24-Jun-2014 16:41:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150867.D
Lims ID: MB 460-231764/1-A
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2014 04:42:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-005
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:41:41 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 10:08:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.204	3.192	0.012	89	163073	50.0	43.3	
$ 6 Phenol-d5	99	4.116	4.122	-0.006	68	202312	50.0	43.7	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	119093	40.0	40.0	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	95	192243	50.0	47.3	
* 35 Naphthalene-d8	136	5.793	5.793	0.000	99	433847	40.0	40.0	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	98	366513	50.0	48.8	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	93	230502	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	8.328	8.327	0.001	96	51133	50.0	47.1	
* 83 Phenanthrene-d10	188	9.016	9.022	-0.006	99	341710	40.0	40.0	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	99	288268	50.0	59.3	
* 96 Chrysene-d12	240	11.845	11.851	-0.006	99	227580	40.0	40.0	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	164072	40.0	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150867.D				
Lims ID:	MB 460-231764/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	24-Jun-2014 04:42:30	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0014942-005				
Operator ID:	BNA 12	Instrument ID:	CBNAMS12		
Method:	\\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	24-Jun-2014 16:41:41	Calib Date:	23-Jun-2014 03:25:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK012				
First Level Reviewer: zhaoc		Date:	24-Jun-2014 10:08:51		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
1.416	267854	13.7	13					
		Aldol condensation product						
2.910	1235068	63.4	13	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.510	779320	40.0

QC Flag Legend

Processing Flags

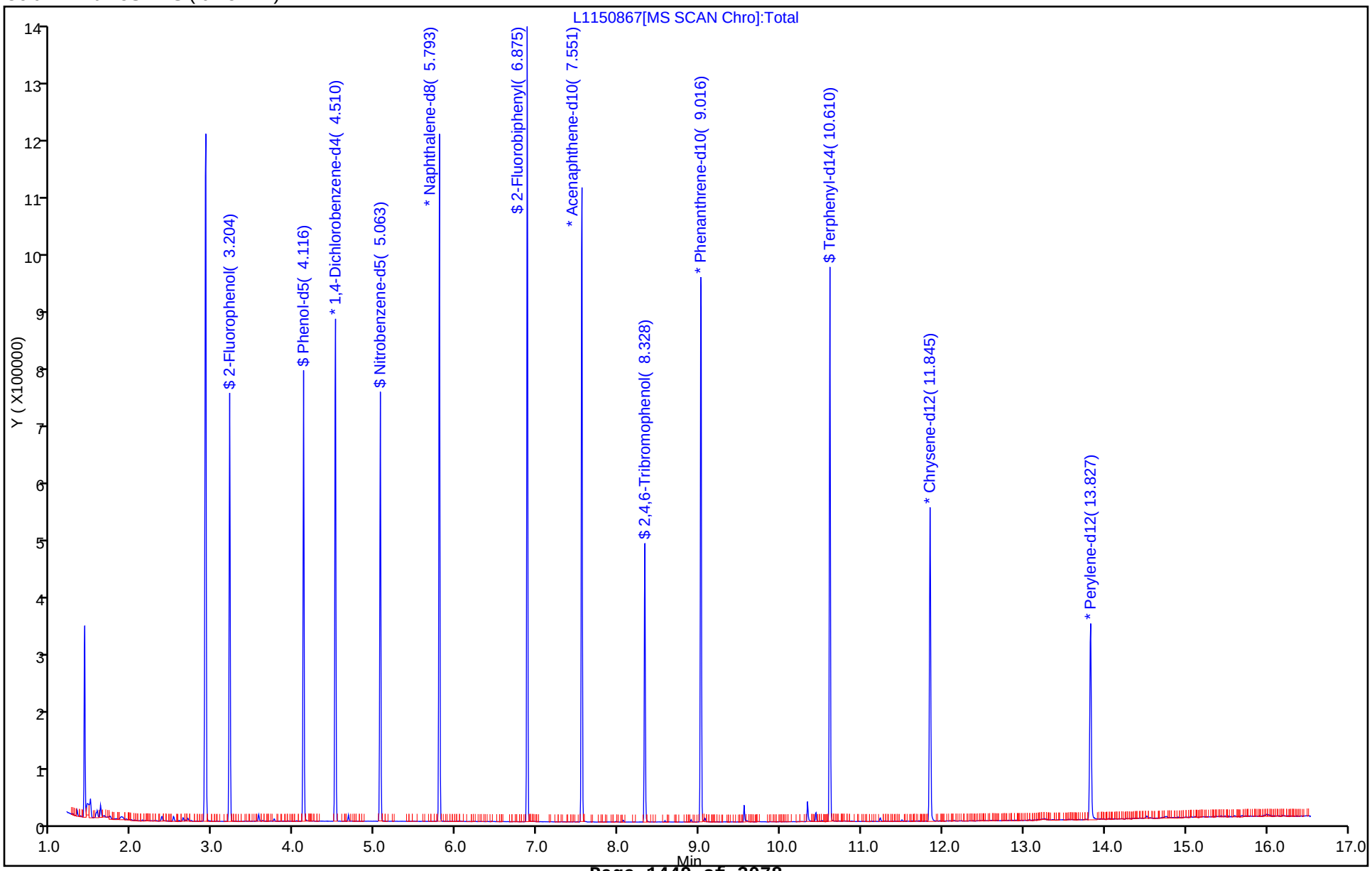
Report Date: 24-Jun-2014 16:41:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150867.D

Injection Date:	24-Jun-2014 04:42:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	MB 460-231764/1-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



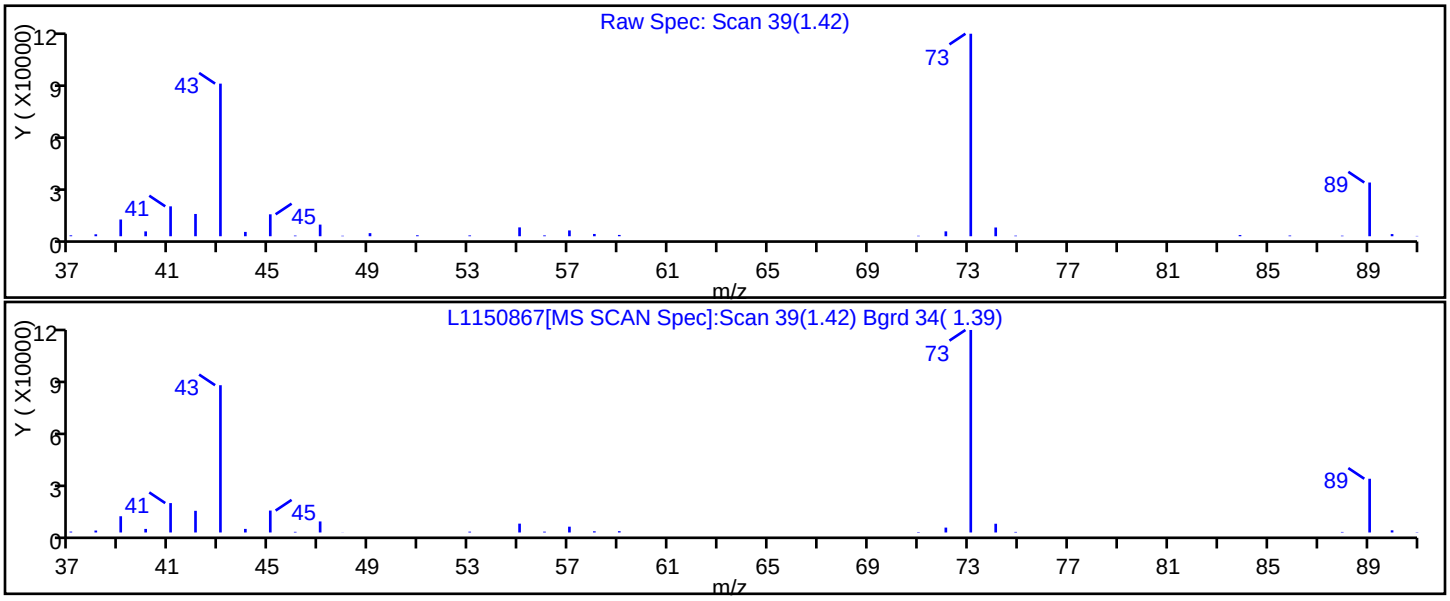
Report Date: 24-Jun-2014 16:41:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150867.D

Injection Date:	24-Jun-2014 04:42:30	Instrument ID:	CBNAMS12
Lims ID:	MB 460-231764/1-A		
Client ID:			
Operator ID:	BNA 12	ALS Bottle#:	5 Worklist Smp#: 5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_12R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 80



Report Date: 24-Jun-2014 16:41:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150867.D

Injection Date: 24-Jun-2014 04:42:30 Instrument ID: CBNAMS12

Lims ID: MB 460-231764/1-A

Client ID:

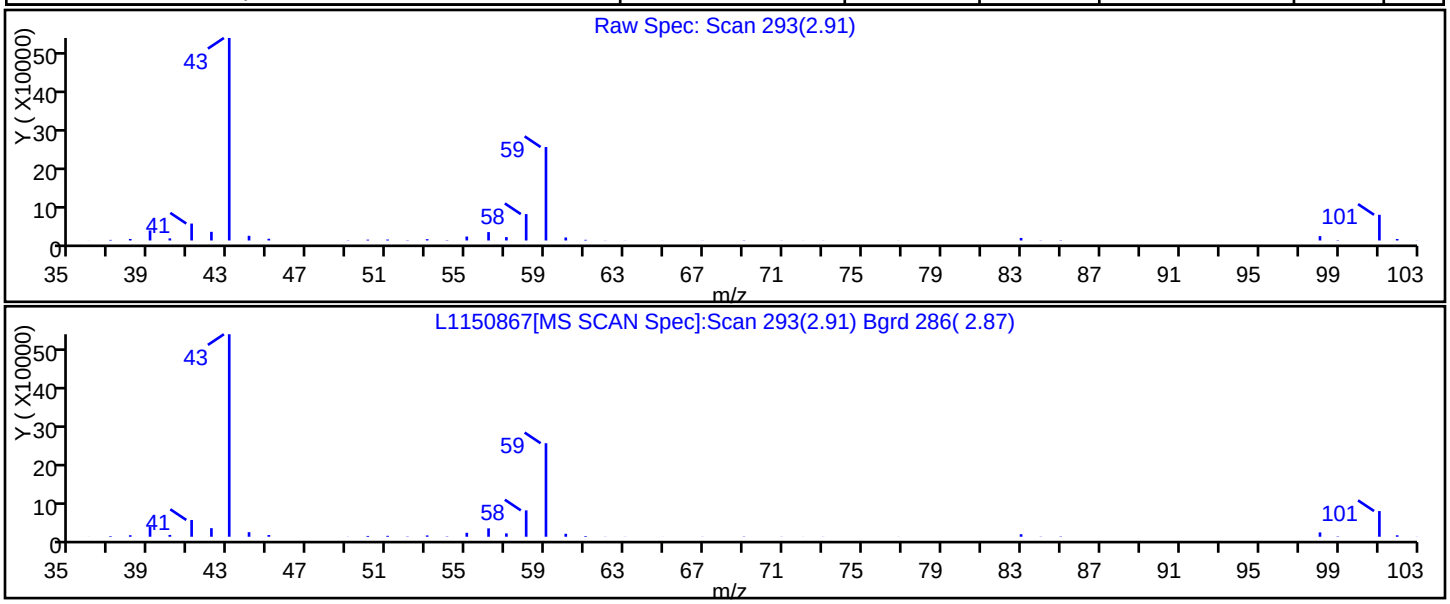
Operator ID: BNA 12 ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product		NIST02	0		0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231898/1-A

Matrix: Water | Lab File ID: C06027.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	10	1.8
108-60-1	2,2'-oxybis[1-chloropropane]	1.3	U	10	1.3
58-90-2	2,3,4,6-Tetrachlorophenol	0.89	U	10	0.89
95-95-4	2,4,5-Trichlorophenol	2.2	U	10	2.2
88-06-2	2,4,6-Trichlorophenol	1.4	U	10	1.4
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
105-67-9	2,4-Dimethylphenol	1.2	U	10	1.2
51-28-5	2,4-Dinitrophenol	2.0	U	30	2.0
121-14-2	2,4-Dinitrotoluene	0.28	U	2.0	0.28
606-20-2	2,6-Dinitrotoluene	0.27	U	2.0	0.27
91-58-7	2-Chloronaphthalene	1.3	U	10	1.3
95-57-8	2-Chlorophenol	0.93	U	10	0.93
91-57-6	2-Methylnaphthalene	1.5	U	10	1.5
95-48-7	2-Methylphenol	1.4	U	10	1.4
88-74-4	2-Nitroaniline	2.0	U	20	2.0
88-75-5	2-Nitrophenol	0.68	U	10	0.68
91-94-1	3,3'-Dichlorobenzidine	3.2	U	20	3.2
99-09-2	3-Nitroaniline	2.9	U	20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	3.0	U	30	3.0
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	1.1	U	10	1.1
106-47-8	4-Chloroaniline	0.32	U	1.0	0.32
7005-72-3	4-Chlorophenyl phenyl ether	1.5	U	10	1.5
106-44-5	4-Methylphenol	1.0	U	10	1.0
100-01-6	4-Nitroaniline	2.9	U	20	2.9
100-02-7	4-Nitrophenol	2.0	U	30	2.0
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	1.8	U	10	1.8
98-86-2	Acetophenone	0.89	U	10	0.89
120-12-7	Anthracene	0.85	U	10	0.85
1912-24-9	Atrazine	1.0	U	10	1.0
100-52-7	Benzaldehyde	2.1	U	10	2.1
56-55-3	Benzo[a]anthracene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231898/1-A

Matrix: Water | Lab File ID: C06027.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	0.21	U	1.0	0.21
191-24-2	Benzo[g,h,i]perylene	0.93	U	10	0.93
207-08-9	Benzo[k]fluoranthene	0.14	U	1.0	0.14
111-91-1	Bis(2-chloroethoxy)methane	1.0	U	10	1.0
111-44-4	Bis(2-chloroethyl)ether	0.30	U	1.0	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	0.81	U	10	0.81
85-68-7	Butyl benzyl phthalate	1.4	U	10	1.4
105-60-2	Caprolactam	0.91	U	10	0.91
86-74-8	Carbazole	1.2	U	10	1.2
218-01-9	Chrysene	1.4	U	10	1.4
53-70-3	Dibenz(a,h)anthracene	0.16	U	1.0	0.16
132-64-9	Dibenzofuran	1.5	U	10	1.5
84-66-2	Diethyl phthalate	1.4	U	10	1.4
131-11-3	Dimethyl phthalate	1.1	U	10	1.1
84-74-2	Di-n-butyl phthalate	1.0	U	10	1.0
117-84-0	Di-n-octyl phthalate	0.88	U	10	0.88
92-52-4	Diphenyl	1.8	U	10	1.8
206-44-0	Fluoranthene	1.1	U	10	1.1
86-73-7	Fluorene	1.7	U	10	1.7
118-74-1	Hexachlorobenzene	0.20	U	1.0	0.20
87-68-3	Hexachlorobutadiene	0.68	U	2.0	0.68
77-47-4	Hexachlorocyclopentadiene	1.5	U	10	1.5
67-72-1	Hexachloroethane	0.15	U	1.0	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	0.11	U	1.0	0.11
78-59-1	Isophorone	1.3	U	10	1.3
91-20-3	Naphthalene	2.0	U	10	2.0
98-95-3	Nitrobenzene	0.34	U	1.0	0.34
621-64-7	N-Nitrosodi-n-propylamine	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	1.0	U	10	1.0
87-86-5	Pentachlorophenol	2.7	U	30	2.7
85-01-8	Phenanthrene	1.2	U	10	1.2
108-95-2	Phenol	0.60	U	10	0.60
129-00-0	Pyrene	1.1	U	10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231898/1-A

Matrix: Water | Lab File ID: C06027.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	86		51-126
321-60-8	2-Fluorobiphenyl	80		50-120
367-12-4	2-Fluorophenol	49		15-96
4165-60-0	Nitrobenzene-d5	95		60-114
4165-62-2	Phenol-d5	33		4-86
1718-51-0	Terphenyl-d14	81		72-130

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

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231898/1-A

Matrix: Water | Lab File ID: C06027.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06027.D
Lims ID: MB 460-231898/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2014 10:51:30 ALS Bottle#: 21 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-022
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 11:44:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.096	3.095	0.001	95	979684	10.0	4.91	
$ 6 Phenol-d5	99	3.937	3.960	-0.023	89	768502	10.0	3.32	
125 Benzonitrile	103	4.025	4.037	-0.012	79	1625		NC	
* 13 1,4-Dichlorobenzene-d4	152	4.248	4.254	-0.006	98	1173983	8.00	8.00	
23 2-Toluidine	107	4.660	4.671	-0.011	5	300		NC	
126 N-Methylaniline	106	4.666	4.672	-0.006	12	976		NC	
$ 25 Nitrobenzene-d5	82	4.819	4.831	-0.012	91	1777898	10.0	9.52	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	99	4241054	8.00	8.00	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	2876796	10.0	7.97	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	97	2030680	8.00	8.00	
51 2-Naphthylamine	143	7.654	7.635	0.019	34	3583		NC	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	354643	10.0	8.62	
* 83 Phenanthrene-d10	188	8.730	8.730	0.000	99	2565507	8.00	8.00	
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1562084	10.0	8.09	
* 96 Chrysene-d12	240	11.448	11.448	0.000	99	1279974	8.00	8.00	
* 103 Perylene-d12	264	13.318	13.324	-0.006	96	1076224	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Report Date: 24-Jun-2014 15:52:37 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06027.D

Injection Date: 23-Jun-2014 10:51:30 Instrument ID: CBNAMS13 Operator ID:

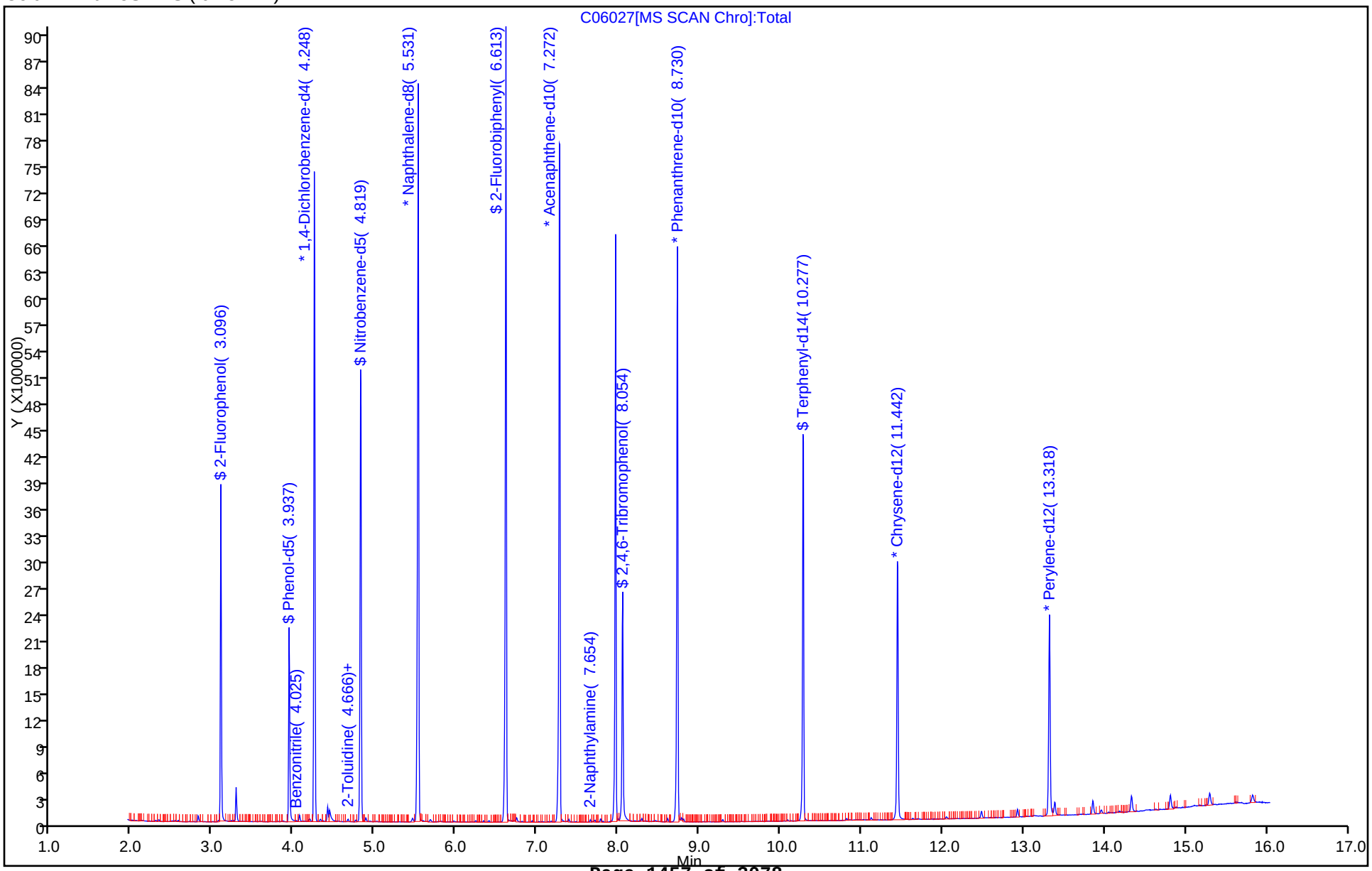
Lims ID: MB 460-231898/1-A Worklist Smp#: 22

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231764/2-A

Matrix: Solid | Lab File ID: L1150882.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2014 10:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	2790		330	45
108-60-1	2,2'-oxybis[1-chloropropane]	2640		330	37
58-90-2	2,3,4,6-Tetrachlorophenol	2730		330	43
95-95-4	2,4,5-Trichlorophenol	2770		330	43
88-06-2	2,4,6-Trichlorophenol	2780		330	39
120-83-2	2,4-Dichlorophenol	2690		330	48
105-67-9	2,4-Dimethylphenol	2740		330	82
51-28-5	2,4-Dinitrophenol	1130		670	190
121-14-2	2,4-Dinitrotoluene	2890		67	11
606-20-2	2,6-Dinitrotoluene	2940		67	10
91-58-7	2-Chloronaphthalene	2800		330	37
95-57-8	2-Chlorophenol	2500		330	44
91-57-6	2-Methylnaphthalene	2690		330	43
95-48-7	2-Methylphenol	2580		330	56
88-74-4	2-Nitroaniline	2970		330	140
88-75-5	2-Nitrophenol	2770		330	37
91-94-1	3,3'-Dichlorobenzidine	2880		330	120
99-09-2	3-Nitroaniline	2630		330	120
534-52-1	4,6-Dinitro-2-methylphenol	2110		670	90
101-55-3	4-Bromophenyl phenyl ether	2930		330	33
59-50-7	4-Chloro-3-methylphenol	2760		330	50
106-47-8	4-Chloroaniline	1870		330	88
7005-72-3	4-Chlorophenyl phenyl ether	2840		330	39
106-44-5	4-Methylphenol	2560		330	65
100-01-6	4-Nitroaniline	2830		670	100
100-02-7	4-Nitrophenol	6370		330	210
83-32-9	Acenaphthene	2750		330	48
208-96-8	Acenaphthylene	2910		330	39
98-86-2	Acetophenone	2360		330	51
120-12-7	Anthracene	2800		330	40
1912-24-9	Atrazine	2190		330	51
56-55-3	Benzo[a]anthracene	2800		33	2.3
50-32-8	Benzo[a]pyrene	3200		33	2.3
205-99-2	Benzo[b]fluoranthene	3570		33	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231764/2-A

Matrix: Solid | Lab File ID: L1150882.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2014 10:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo[g,h,i]perylene	1490		330	25
207-08-9	Benzo[k]fluoranthene	3640		33	2.5
111-91-1	Bis(2-chloroethoxy)methane	2790		330	43
111-44-4	Bis(2-chloroethyl)ether	2640		33	4.5
117-81-7	Bis(2-ethylhexyl) phthalate	2320		330	110
85-68-7	Butyl benzyl phthalate	2240		330	30
105-60-2	Caprolactam	2980		330	76
86-74-8	Carbazole	2900		330	39
218-01-9	Chrysene	2840		330	39
53-70-3	Dibenz(a,h)anthracene	1710		33	4.2
132-64-9	Dibenzofuran	2770		330	39
84-66-2	Diethyl phthalate	3000		330	39
131-11-3	Dimethyl phthalate	3020		330	39
84-74-2	Di-n-butyl phthalate	3040		330	41
117-84-0	Di-n-octyl phthalate	3730		330	21
92-52-4	Diphenyl	2850		330	44
206-44-0	Fluoranthene	3100		330	44
86-73-7	Fluorene	2760		330	42
118-74-1	Hexachlorobenzene	2860		33	4.5
87-68-3	Hexachlorobutadiene	2790		67	8.1
77-47-4	Hexachlorocyclopentadiene	2460		330	39
67-72-1	Hexachloroethane	2510		33	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	1620		33	6.2
78-59-1	Isophorone	2780		330	40
91-20-3	Naphthalene	2690		330	38
98-95-3	Nitrobenzene	2880		33	4.7
621-64-7	N-Nitrosodi-n-propylamine	2780		33	5.5
86-30-6	N-Nitrosodiphenylamine	3050		330	33
87-86-5	Pentachlorophenol	5460		670	99
85-01-8	Phenanthrene	2830		330	42
108-95-2	Phenol	2500		330	44
129-00-0	Pyrene	2060		330	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231764/2-A

Matrix: Solid | Lab File ID: L1150882.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.00(g) | Date Analyzed: 06/24/2014 10:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	81		19-114
321-60-8	2-Fluorobiphenyl	87		49-112
367-12-4	2-Fluorophenol	73		39-103
4165-60-0	Nitrobenzene-d5	84		40-106
4165-62-2	Phenol-d5	75		44-104
1718-51-0	Terphenyl-d14	63		41-145

Report Date: 24-Jun-2014 16:42:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150882.D
Lims ID: LCS 460-231764/2-A
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2014 10:49:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:26 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 11:30:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.787	1.751	0.036	87	28611	50.0	22.2	
2 N-Nitrosodimethylamine	74	2.022	1.993	0.029	64	75147	50.0	39.2	
3 Pyridine	79	2.063	2.028	0.035	70	99726	50.0	30.7	
$ 4 2-Fluorophenol	112	3.210	3.187	0.023	88	114464	50.0	36.7	
$ 6 Phenol-d5	99	4.122	4.122	0.000	84	143009	50.0	37.3	
7 Phenol	94	4.140	4.134	0.006	94	148222	50.0	37.5	
8 Aniline	93	4.175	4.169	0.006	97	121059	50.0	25.5	
9 Bis(2-chloroethyl)ether	93	4.240	4.234	0.006	88	123117	50.0	39.7	
124 Benzonitrile	103	4.263	4.257	0.006	1	259898	NC	NC	
10 2-Chlorophenol	128	4.298	4.292	0.006	91	122858	50.0	37.5	
11 n-Decane	43	4.340	4.334	0.006	96	224546	50.0	35.5	
12 1,3-Dichlorobenzene	146	4.451	4.451	0.000	93	139410	50.0	37.1	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	98617	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.528	4.522	0.006	90	140953	50.0	37.3	
15 Benzyl alcohol	108	4.639	4.639	0.000	88	70553	50.0	38.3	
16 1,2-Dichlorobenzene	146	4.681	4.675	0.006	93	134637	50.0	37.9	
17 2-Methylphenol	108	4.751	4.751	0.000	83	107739	50.0	38.7	
18 2,2'-oxybis[1-chloropropan	45	4.781	4.781	0.000	90	308948	50.0	39.7	
125 N-Methylaniline	106	4.904	4.904	0.000	75	178576	NC	NC	
21 4-Methylphenol	108	4.904	4.904	0.000	80	117127	50.0	38.4	
22 3 & 4 Methylphenol	108	4.904	4.904	0.000	86	117127	50.0	38.4	
20 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	91	95346	50.0	41.7	
19 Acetophenone	105	4.916	4.916	0.000	83	146686	50.0	35.4	
24 Hexachloroethane	117	5.022	5.022	0.000	89	54373	50.0	37.7	
$ 25 Nitrobenzene-d5	82	5.069	5.069	0.000	95	132560	50.0	42.1	
26 Nitrobenzene	77	5.087	5.087	0.000	78	188604	50.0	43.2	
27 n,n'-Dimethylaniline	120	5.087	5.087	0.000	83	205598	50.0	43.3	
28 Isophorone	82	5.328	5.328	0.000	97	211956	50.0	41.7	
29 2-Nitrophenol	139	5.404	5.404	0.000	80	64393	50.0	41.5	
30 2,4-Dimethylphenol	122	5.445	5.445	0.000	88	99221	50.0	41.2	
31 Bis(2-chloroethoxy)methane	93	5.545	5.545	0.000	92	136322	50.0	41.9	
32 Benzoic acid	122	5.522	5.551	-0.029	76	47197	50.0	36.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.645	5.645	0.000	91	94979	50.0	40.4	
34 1,2,4-Trichlorobenzene	180	5.734	5.734	0.000	92	114501	50.0	40.9	
* 35 Naphthalene-d8	136	5.792	5.792	0.000	99	335555	40.0	40.0	
36 Naphthalene	128	5.816	5.816	0.000	97	337802	50.0	40.4	
37 4-Chloroaniline	127	5.869	5.869	0.000	95	91772	50.0	28.0	
38 Hexachlorobutadiene	225	5.939	5.939	0.000	94	72219	50.0	41.9	
39 Caprolactam	113	6.228	6.216	0.012	85	30476	50.0	44.7	
40 4-Chloro-3-methylphenol	107	6.357	6.357	0.000	90	88741	50.0	41.4	
41 2-Methylnaphthalene	142	6.510	6.510	0.000	85	223582	50.0	40.4	
42 1-Methylnaphthalene	142	6.610	6.610	0.000	91	205988	50.0	40.1	
43 Hexachlorocyclopentadiene	237	6.669	6.669	0.000	87	63692	50.0	36.9	
44 1,2,4,5-Tetrachlorobenzene	216	6.681	6.681	0.000	99	110277	50.0	41.8	
45 2-tertbutyl-4-methylphenol	149	6.710	6.710	0.000	90	164861	50.0	47.7	
46 2,4,6-Trichlorophenol	196	6.792	6.792	0.000	89	65482	50.0	41.7	
47 2,4,5-Trichlorophenol	196	6.828	6.828	0.000	94	68021	50.0	41.6	
$ 48 2-Fluorobiphenyl	172	6.881	6.881	0.000	97	244750	50.0	43.7	
49 1,1'-Biphenyl	154	6.981	6.981	0.000	95	267770	50.0	42.8	
50 2-Chloronaphthalene	162	6.998	6.998	0.000	95	199788	50.0	42.0	
53 Phenyl ether	170	7.086	7.086	0.000	90	159437	50.0	48.3	
54 2-Nitroaniline	65	7.098	7.098	0.000	95	83684	50.0	44.6	
55 1,3-Dimethylnaphthalene	156	7.216	7.216	0.000	93	183678	50.0	47.4	
56 Dimethyl phthalate	163	7.280	7.286	-0.006	97	217515	50.0	45.3	
57 Coumarin	146	7.310	7.310	0.000	73	76819	50.0	46.8	
58 2,6-Dinitrotoluene	165	7.339	7.345	-0.006	91	51247	50.0	44.1	
59 Acenaphthylene	152	7.410	7.416	-0.006	96	305592	50.0	43.7	
60 3-Nitroaniline	138	7.504	7.510	-0.006	89	46379	50.0	39.5	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	171794	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.563	7.569	-0.006	98	187217	50.0	46.2	
62 Acenaphthene	154	7.586	7.586	0.000	90	185738	50.0	41.2	
64 2,4-Dinitrophenol	184	7.610	7.616	-0.006	89	11998	100.0	16.9	
65 4-Nitrophenol	65	7.669	7.675	-0.006	90	83354	100.0	95.5	
67 2,4-Dinitrotoluene	165	7.739	7.739	0.000	91	62842	50.0	43.4	
66 Dibenzofuran	168	7.757	7.757	0.000	89	273226	50.0	41.5	
68 2,3,4,6-Tetrachlorophenol	232	7.875	7.875	0.000	94	54798	50.0	40.9	
69 Diethyl phthalate	149	7.980	7.986	-0.006	97	205757	50.0	45.0	
71 4-Chlorophenyl phenyl ethe	204	8.092	8.092	0.000	82	107438	50.0	42.6	
70 Fluorene	166	8.092	8.098	-0.006	83	217005	50.0	41.3	
72 4-Nitroaniline	138	8.110	8.116	-0.006	95	44671	50.0	42.4	
73 4,6-Dinitro-2-methylphenol	198	8.139	8.145	-0.006	81	27667	100.0	31.6	
74 N-Nitrosodiphenylamine	169	8.210	8.210	0.000	68	155820	50.0	45.7	
75 1,2-Diphenylhydrazine	77	8.251	8.251	0.000	98	219950	50.0	43.9	
$ 76 2,4,6-Tribromophenol	330	8.333	8.333	0.000	94	32798	50.0	40.5	
77 4-Bromophenyl phenyl ether	248	8.575	8.580	-0.005	87	62830	50.0	44.0	
78 Hexachlorobenzene	284	8.633	8.639	-0.006	97	63809	50.0	43.0	
79 Atrazine	200	8.733	8.739	-0.006	86	37261	50.0	32.9	
121 Pentachlorophenol	266	8.827	8.833	-0.006	87	74463	100.0	81.9	
81 Pentachloronitrobenzene	237	8.839	8.845	-0.006	84	29397	50.0	49.0	
82 n-Octadecane	57	8.904	8.904	0.000	93	189751	50.0	45.0	
* 83 Phenanthrene-d10	188	9.022	9.022	0.000	99	246111	40.0	40.0	
84 Phenanthrene	178	9.045	9.045	0.000	96	276819	50.0	42.4	
85 Anthracene	178	9.098	9.098	0.000	98	280261	50.0	42.0	
86 Carbazole	167	9.251	9.257	-0.006	82	246221	50.0	43.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.592	9.592	0.000	99	299819	50.0	45.6	
88 Fluoranthene	202	10.216	10.221	-0.005	98	302922	50.0	46.5	
122 Benzidine	184	10.351	10.357	-0.006	96	32802	50.0	13.1	
90 Pyrene	202	10.457	10.457	0.000	98	316590	50.0	30.8	
$ 91 Terphenyl-d14	244	10.610	10.616	-0.006	99	223537	50.0	31.4	
92 Butyl benzyl phthalate	149	11.163	11.163	0.000	98	130813	50.0	33.5	
93 Carbamazepine	193	11.292	11.298	-0.006	90	172160	50.0	51.5	
94 3,3'-Dichlorobenzidine	252	11.810	11.815	-0.005	99	133543	50.0	43.2	
95 Benzo[a]anthracene	228	11.845	11.845	0.000	98	369656	50.0	42.0	
* 96 Chrysene-d12	240	11.857	11.857	0.000	98	332991	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.880	11.880	0.000	87	187894	50.0	34.8	
97 Chrysene	228	11.892	11.898	-0.006	96	341343	50.0	42.6	
99 Di-n-octyl phthalate	149	12.774	12.780	-0.006	93	362530	50.0	56.0	
100 Benzo[b]fluoranthene	252	13.298	13.304	-0.006	98	311613	50.0	53.6	
101 Benzo[k]fluoranthene	252	13.339	13.345	-0.006	99	336289	50.0	54.6	
102 Benzo[a]pyrene	252	13.757	13.762	-0.005	97	268394	50.0	48.1	
* 103 Perylene-d12	264	13.833	13.839	-0.006	98	232341	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.315	15.321	-0.006	99	150141	50.0	24.3	
105 Dibenz(a,h)anthracene	278	15.351	15.356	-0.005	97	156169	50.0	25.6	
106 Benzo[g,h,i]perylene	276	15.698	15.703	-0.005	93	141893	50.0	22.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated

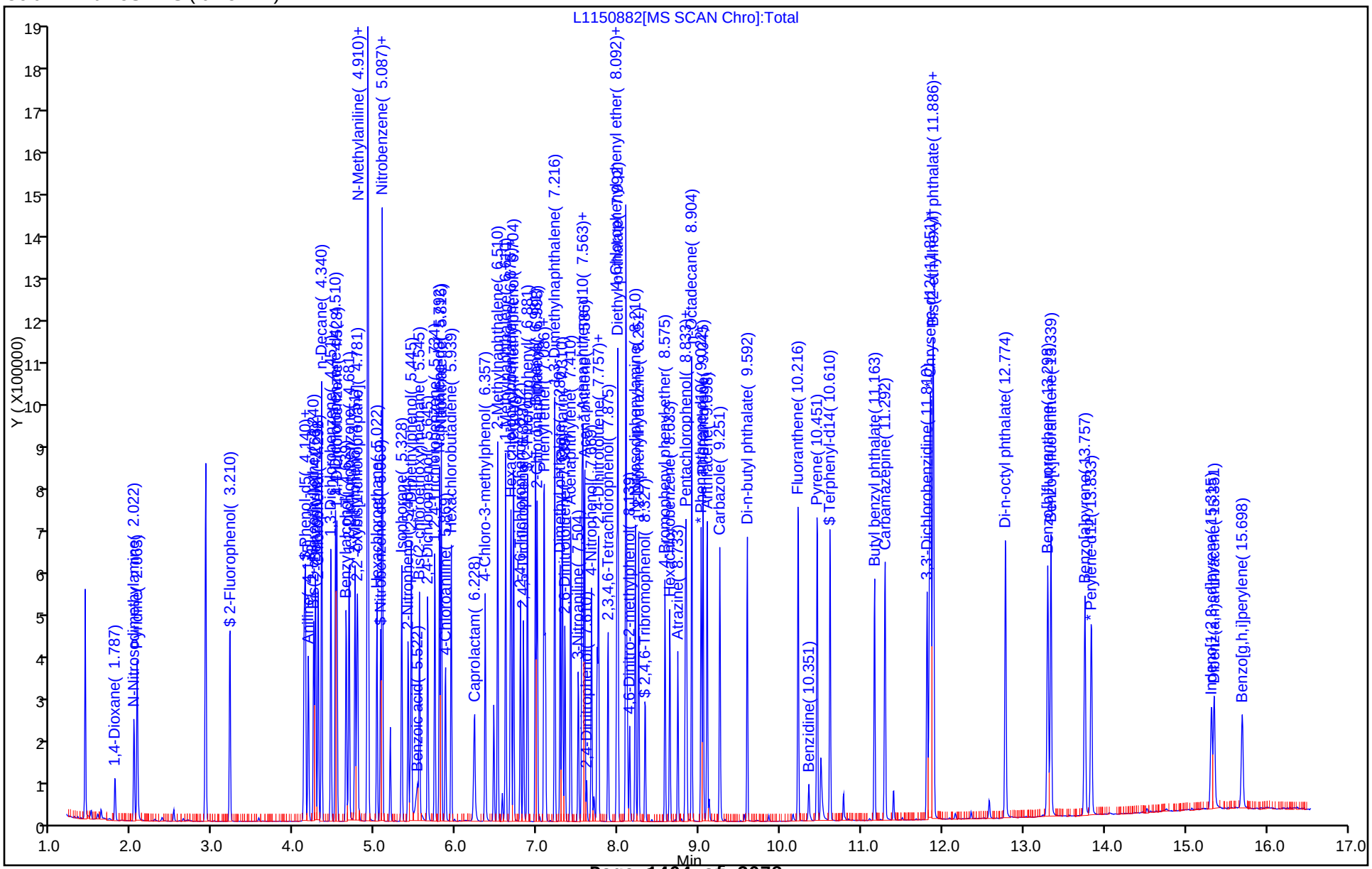
Report Date: 24-Jun-2014 16:42:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150882.D

Injection Date:	24-Jun-2014 10:49:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-231764/2-A			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231764/3-A

Matrix: Solid | Lab File ID: L1150869.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.04(g) | Date Analyzed: 06/24/2014 05:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232407 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	6320		330	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	102		19-114
321-60-8	2-Fluorobiphenyl	102		49-112
367-12-4	2-Fluorophenol	93		39-103
4165-60-0	Nitrobenzene-d5	101		40-106
4165-62-2	Phenol-d5	95		44-104
1718-51-0	Terphenyl-d14	132		41-145

Report Date: 24-Jun-2014 16:42:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150869.D
Lims ID: LCS 460-231764/3-A
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2014 05:31:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014942-007
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 16:42:03 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 10:07:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.204	3.192	0.012	88	190991	50.0	46.5	
5 Benzaldehyde	77	4.075	4.069	0.006	85	342802	100.0	95.1	
$ 6 Phenol-d5	99	4.116	4.122	-0.006	68	239759	50.0	47.5	
* 13 1,4-Dichlorobenzene-d4	152	4.510	4.510	0.000	96	129922	40.0	40.0	
$ 25 Nitrobenzene-d5	82	5.063	5.069	-0.006	96	228522	50.0	50.5	
* 35 Naphthalene-d8	136	5.792	5.793	-0.001	99	482944	40.0	40.0	
$ 48 2-Fluorobiphenyl	172	6.875	6.880	-0.005	97	449286	50.0	51.2	
* 61 Acenaphthene-d10	164	7.551	7.551	0.000	92	269218	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	8.328	8.327	0.001	96	64641	50.0	51.0	
* 83 Phenanthrene-d10	188	9.016	9.022	-0.006	99	401779	40.0	40.0	
$ 91 Terphenyl-d14	244	10.610	10.610	0.000	99	342144	50.0	66.1	
* 96 Chrysene-d12	240	11.845	11.851	-0.006	99	242315	40.0	40.0	
* 103 Perylene-d12	264	13.827	13.833	-0.006	98	159955	40.0	40.0	

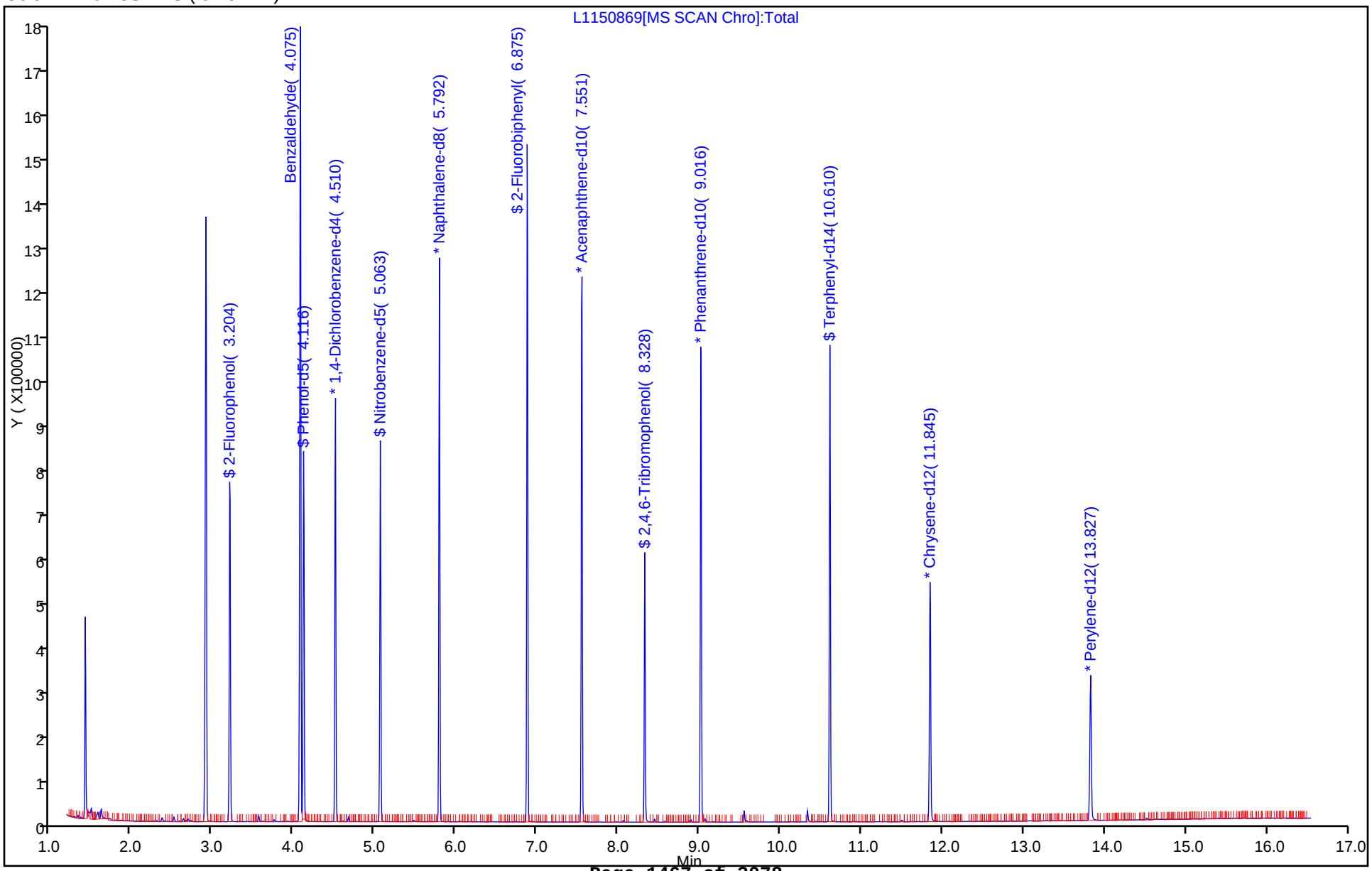
Report Date: 24-Jun-2014 16:42:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14942.b\L1150869.D

Injection Date:	24-Jun-2014 05:31:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-231764/3-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231898/2-A

Matrix: Water | Lab File ID: C06028.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 11:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	63.1		10	1.8
108-60-1	2,2'-oxybis[1-chloropropane]	77.1		10	1.3
58-90-2	2,3,4,6-Tetrachlorophenol	69.6		10	0.89
95-95-4	2,4,5-Trichlorophenol	68.5		10	2.2
88-06-2	2,4,6-Trichlorophenol	66.8		10	1.4
120-83-2	2,4-Dichlorophenol	67.9		10	1.1
105-67-9	2,4-Dimethylphenol	65.6		10	1.2
51-28-5	2,4-Dinitrophenol	155		30	2.0
121-14-2	2,4-Dinitrotoluene	76.2		2.0	0.28
606-20-2	2,6-Dinitrotoluene	72.6		2.0	0.27
91-58-7	2-Chloronaphthalene	64.1		10	1.3
95-57-8	2-Chlorophenol	60.8		10	0.93
91-57-6	2-Methylnaphthalene	63.0		10	1.5
95-48-7	2-Methylphenol	50.1		10	1.4
88-74-4	2-Nitroaniline	75.1		20	2.0
88-75-5	2-Nitrophenol	72.3		10	0.68
91-94-1	3,3'-Dichlorobenzidine	68.0		20	3.2
99-09-2	3-Nitroaniline	73.6		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	151		30	3.0
101-55-3	4-Bromophenyl phenyl ether	66.6		10	1.1
59-50-7	4-Chloro-3-methylphenol	64.1		10	1.1
106-47-8	4-Chloroaniline	70.0		1.0	0.32
7005-72-3	4-Chlorophenyl phenyl ether	67.1		10	1.5
106-44-5	4-Methylphenol	46.1		10	1.0
100-01-6	4-Nitroaniline	91.0		20	2.9
100-02-7	4-Nitrophenol	73.6		30	2.0
83-32-9	Acenaphthene	65.8		10	1.1
208-96-8	Acenaphthylene	69.4		10	1.8
98-86-2	Acetophenone	68.6		10	0.89
120-12-7	Anthracene	72.0		10	0.85
1912-24-9	Atrazine	83.9		10	1.0
56-55-3	Benzo[a]anthracene	73.5		1.0	0.18
50-32-8	Benzo[a]pyrene	76.7		1.0	0.14
205-99-2	Benzo[b]fluoranthene	78.6		1.0	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231898/2-A

Matrix: Water | Lab File ID: C06028.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 11:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo[g,h,i]perylene	75.8		10	0.93
207-08-9	Benzo[k]fluoranthene	73.7		1.0	0.14
111-91-1	Bis(2-chloroethoxy)methane	73.8		10	1.0
111-44-4	Bis(2-chloroethyl)ether	62.8		1.0	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	86.1		10	0.81
85-68-7	Butyl benzyl phthalate	80.3		10	1.4
105-60-2	Caprolactam	25.0		10	0.91
86-74-8	Carbazole	80.2		10	1.2
218-01-9	Chrysene	76.2		10	1.4
53-70-3	Dibenz(a,h)anthracene	78.8		1.0	0.16
132-64-9	Dibenzofuran	67.3		10	1.5
84-66-2	Diethyl phthalate	73.4		10	1.4
131-11-3	Dimethyl phthalate	72.5		10	1.1
84-74-2	Di-n-butyl phthalate	91.9		10	1.0
117-84-0	Di-n-octyl phthalate	77.6		10	0.88
92-52-4	Diphenyl	66.2		10	1.8
206-44-0	Fluoranthene	84.4		10	1.1
86-73-7	Fluorene	68.0		10	1.7
118-74-1	Hexachlorobenzene	67.3		1.0	0.20
87-68-3	Hexachlorobutadiene	53.4		2.0	0.68
77-47-4	Hexachlorocyclopentadiene	66.2		10	1.5
67-72-1	Hexachloroethane	54.2		1.0	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	72.3		1.0	0.11
78-59-1	Isophorone	73.1		10	1.3
91-20-3	Naphthalene	64.8		10	2.0
98-95-3	Nitrobenzene	74.0		1.0	0.34
621-64-7	N-Nitrosodi-n-propylamine	69.0		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	68.5		10	1.0
87-86-5	Pentachlorophenol	107		30	2.7
85-01-8	Phenanthrene	69.5		10	1.2
108-95-2	Phenol	29.0		10	0.60
129-00-0	Pyrene	62.2		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231898/2-A

Matrix: Water | Lab File ID: C06028.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 11:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	82		51-126
321-60-8	2-Fluorobiphenyl	78		50-120
367-12-4	2-Fluorophenol	47		15-96
4165-60-0	Nitrobenzene-d5	85		60-114
4165-62-2	Phenol-d5	29		4-86
1718-51-0	Terphenyl-d14	70	X	72-130

Report Date: 24-Jun-2014 15:52:38 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06028.D
Lims ID: LCS 460-231898/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2014 11:14:30 ALS Bottle#: 22 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-023
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 11:49:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.996	1.972	0.024	96	529274	10.0	5.87	
2 N-Nitrosodimethylamine	74	2.172	2.148	0.024	81	743591	10.0	6.04	
3 Pyridine	79	2.196	2.178	0.018	82	1180693	10.0	5.53	
$ 4 2-Fluorophenol	112	3.101	3.095	0.006	95	951160	10.0	4.67	
$ 6 Phenol-d5	99	3.948	3.960	-0.012	71	690034	10.0	2.92	
8 Aniline	93	3.954	3.960	-0.006	98	2213887	10.0	7.96	
7 Phenol	94	3.960	3.972	-0.012	75	957173	10.0	3.62	
9 Bis(2-chloroethyl)ether	93	3.996	4.007	-0.011	93	1840739	10.0	7.86	
125 Benzonitrile	103	4.025	4.037	-0.012	98	3452937	NC	NC	
11 n-Decane	43	4.066	4.072	-0.006	92	1739493	10.0	6.98	
10 2-Chlorophenol	128	4.066	4.078	-0.012	92	1636189	10.0	7.60	
12 1,3-Dichlorobenzene	146	4.196	4.201	-0.005	95	1664291	10.0	7.06	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	97	1199901	8.00	8.00	
14 1,4-Dichlorobenzene	146	4.266	4.272	-0.006	93	1684313	10.0	7.11	
15 Benzyl alcohol	108	4.419	4.425	-0.006	94	869905	10.0	8.05	
16 1,2-Dichlorobenzene	146	4.431	4.431	0.000	95	1599782	10.0	7.12	
18 2,2'-oxybis[1-chloropropan	45	4.525	4.531	-0.006	94	3150353	10.0	9.64	
17 2-Methylphenol	108	4.554	4.560	-0.006	88	1225055	10.0	6.26	
126 N-Methylaniline	106	4.666	4.672	-0.006	61	2460622	NC	NC	
20 N-Nitrosodi-n-propylamine	70	4.666	4.678	-0.012	90	1104970	10.0	8.63	
19 Acetophenone	105	4.672	4.678	-0.006	91	2241670	10.0	8.58	
22 3 & 4 Methylphenol	108	4.707	4.719	-0.012	37	1126170	10.0	5.74	
21 4-Methylphenol	108	4.707	4.719	-0.012	95	1092502	10.0	5.76	
24 Hexachloroethane	117	4.760	4.766	-0.006	94	637470	10.0	6.78	
$ 25 Nitrobenzene-d5	82	4.825	4.831	-0.006	91	1571181	10.0	8.46	
27 n,n'-Dimethylaniline	120	4.837	4.842	-0.005	98	2668194	10.0	8.45	
26 Nitrobenzene	77	4.848	4.854	-0.006	94	2409515	10.0	9.25	
28 Isophorone	82	5.072	5.078	-0.006	99	2757325	10.0	9.14	
29 2-Nitrophenol	139	5.160	5.166	-0.006	91	937827	10.0	9.04	
30 2,4-Dimethylphenol	122	5.231	5.237	-0.006	92	1360287	10.0	8.20	
31 Bis(2-chloroethoxy)methane	93	5.295	5.301	-0.006	98	1951649	10.0	9.22	
32 Benzoic acid	122	5.366	5.389	-0.023	26	5762	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.413	5.419	-0.006	95	1242201	10.0	8.49	
34 1,2,4-Trichlorobenzene	180	5.472	5.478	-0.006	95	1204788	10.0	7.29	
* 35 Naphthalene-d8	136	5.537	5.531	0.006	98	4217331	8.00	8.00	
36 Naphthalene	128	5.554	5.560	-0.006	98	4352976	10.0	8.10	
37 4-Chloroaniline	127	5.637	5.642	-0.005	96	1883155	10.0	8.75	
38 Hexachlorobutadiene	225	5.684	5.684	0.000	93	597750	10.0	6.67	
39 Caprolactam	113	5.990	6.013	-0.023	89	93954	10.0	3.13	
40 4-Chloro-3-methylphenol	107	6.148	6.160	-0.012	97	1077791	10.0	8.01	
41 2-Methylnaphthalene	142	6.242	6.248	-0.006	82	2700597	10.0	7.87	
42 1-Methylnaphthalene	142	6.342	6.348	-0.006	90	2509203	10.0	7.95	
43 Hexachlorocyclopentadiene	237	6.407	6.413	-0.006	93	678482	10.0	8.27	
44 1,2,4,5-Tetrachlorobenzene	216	6.407	6.413	-0.006	95	1106024	10.0	7.89	
45 2-tertbutyl-4-methylphenol	149	6.472	6.478	-0.006	89	1896133	10.0	9.25	
46 2,4,6-Trichlorophenol	196	6.542	6.548	-0.006	87	736751	10.0	8.35	
47 2,4,5-Trichlorophenol	196	6.589	6.595	-0.006	92	724768	10.0	8.57	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	93	2559984	10.0	7.82	
49 1,1'-Biphenyl	154	6.713	6.713	0.000	96	3022228	10.0	8.27	
50 2-Chloronaphthalene	162	6.731	6.736	-0.005	96	2298283	10.0	8.01	
53 Phenyl ether	170	6.813	6.819	-0.006	89	1652668	10.0	8.50	
54 2-Nitroaniline	65	6.866	6.872	-0.006	98	692803	10.0	9.39	
55 1,3-Dimethylnaphthalene	156	6.942	6.948	-0.006	90	2009549	10.0	8.72	
56 Dimethyl phthalate	163	7.031	7.036	-0.005	93	2245996	10.0	9.07	
57 Coumarin	146	7.054	7.060	-0.006	78	794807	10.0	9.45	
58 2,6-Dinitrotoluene	165	7.089	7.095	-0.006	77	561115	10.0	9.08	
59 Acenaphthylene	152	7.142	7.142	0.000	95	3591919	10.0	8.67	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	1843329	8.00	8.00	
60 3-Nitroaniline	138	7.278	7.283	-0.005	91	572240	10.0	9.19	
63 3,5-di-tert-butyl-4-hydrox	205	7.289	7.295	-0.006	98	1733478	10.0	8.73	
62 Acenaphthene	154	7.307	7.313	-0.006	96	2116256	10.0	8.23	
64 2,4-Dinitrophenol	184	7.360	7.366	-0.006	95	525554	20.0	19.3	
66 Dibenzofuran	168	7.484	7.483	0.001	91	2917255	10.0	8.41	
67 2,4-Dinitrotoluene	165	7.484	7.483	0.001	64	639815	10.0	9.53	
65 4-Nitrophenol	65	7.484	7.489	-0.005	88	285949	20.0	9.20	
68 2,3,4,6-Tetrachlorophenol	232	7.619	7.619	0.000	93	486786	10.0	8.70	
69 Diethyl phthalate	149	7.713	7.719	-0.006	96	2052960	10.0	9.17	
71 4-Chlorophenyl phenyl ethe	204	7.813	7.813	0.000	72	1030780	10.0	8.38	
70 Fluorene	166	7.813	7.819	-0.006	82	2243814	10.0	8.50	
73 4,6-Dinitro-2-methylphenol	198	7.878	7.883	-0.005	78	632342	20.0	18.8	
72 4-Nitroaniline	138	7.889	7.895	-0.006	90	477868	10.0	11.4	
74 N-Nitrosodiphenylamine	169	7.942	7.942	0.000	56	1514091	10.0	8.56	
75 1,2-Diphenylhydrazine	77	7.966	7.972	-0.006	98	2591922	10.0	9.02	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	306725	10.0	8.21	
77 4-Bromophenyl phenyl ether	248	8.289	8.289	0.000	87	576116	10.0	8.33	
78 Hexachlorobenzene	284	8.354	8.354	0.000	98	633766	10.0	8.41	
79 Atrazine	200	8.460	8.466	-0.006	87	457138	10.0	10.5	
81 Pentachloronitrobenzene	237	8.560	8.566	-0.006	79	211645	10.0	9.97	
121 Pentachlorophenol	266	8.566	8.572	-0.006	88	360192	20.0	13.4	
82 n-Octadecane	57	8.589	8.595	-0.006	93	1808193	10.0	8.86	
* 83 Phenanthrene-d10	188	8.731	8.730	0.001	99	2164521	8.00	8.00	
84 Phenanthrene	178	8.754	8.760	-0.006	99	2584851	10.0	8.69	
85 Anthracene	178	8.801	8.807	-0.006	96	2613905	10.0	9.00	
86 Carbazole	167	8.978	8.983	-0.005	83	2212256	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.289	9.295	-0.006	100	2729478	10.0	11.5	
88 Fluoranthene	202	9.913	9.913	0.000	97	2114912	10.0	10.5	
122 Benzidine	184	10.060	10.066	-0.006	99	603366	10.0	15.9	
90 Pyrene	202	10.130	10.136	-0.006	96	2107690	10.0	7.77	
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	98	1326680	10.0	7.02	
92 Butyl benzyl phthalate	149	10.789	10.795	-0.006	97	837491	10.0	10.0	
93 Carbamazepine	193	10.942	10.948	-0.006	91	604140	10.0	11.7	
94 3,3'-Dichlorobenzidine	252	11.424	11.430	-0.006	95	444604	10.0	8.50	
95 Benzo[a]anthracene	228	11.436	11.436	0.000	99	1507013	10.0	9.18	
98 Bis(2-ethylhexyl) phthalat	149	11.436	11.442	-0.006	89	1093261	10.0	10.8	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1252490	8.00	8.00	
97 Chrysene	228	11.477	11.483	-0.006	95	1397339	10.0	9.53	
99 Di-n-octyl phthalate	149	12.254	12.260	-0.006	97	1700434	10.0	9.70	
100 Benzo[b]fluoranthene	252	12.807	12.807	0.000	98	1398827	10.0	9.82	
101 Benzo[k]fluoranthene	252	12.842	12.842	0.000	98	1345459	10.0	9.21	
102 Benzo[a]pyrene	252	13.242	13.248	-0.006	95	1255982	10.0	9.59	
* 103 Perylene-d12	264	13.318	13.324	-0.006	97	1085274	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.736	14.742	-0.006	97	1358775	10.0	9.04	M
105 Dibenz(a,h)anthracene	278	14.760	14.765	-0.005	93	1373594	10.0	9.85	
106 Benzo[g,h,i]perylene	276	15.083	15.089	-0.006	94	1402471	10.0	9.48	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 24-Jun-2014 15:52:38 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06028.D

Injection Date: 23-Jun-2014 11:14:30 Instrument ID: CBNAMS13 Operator ID:

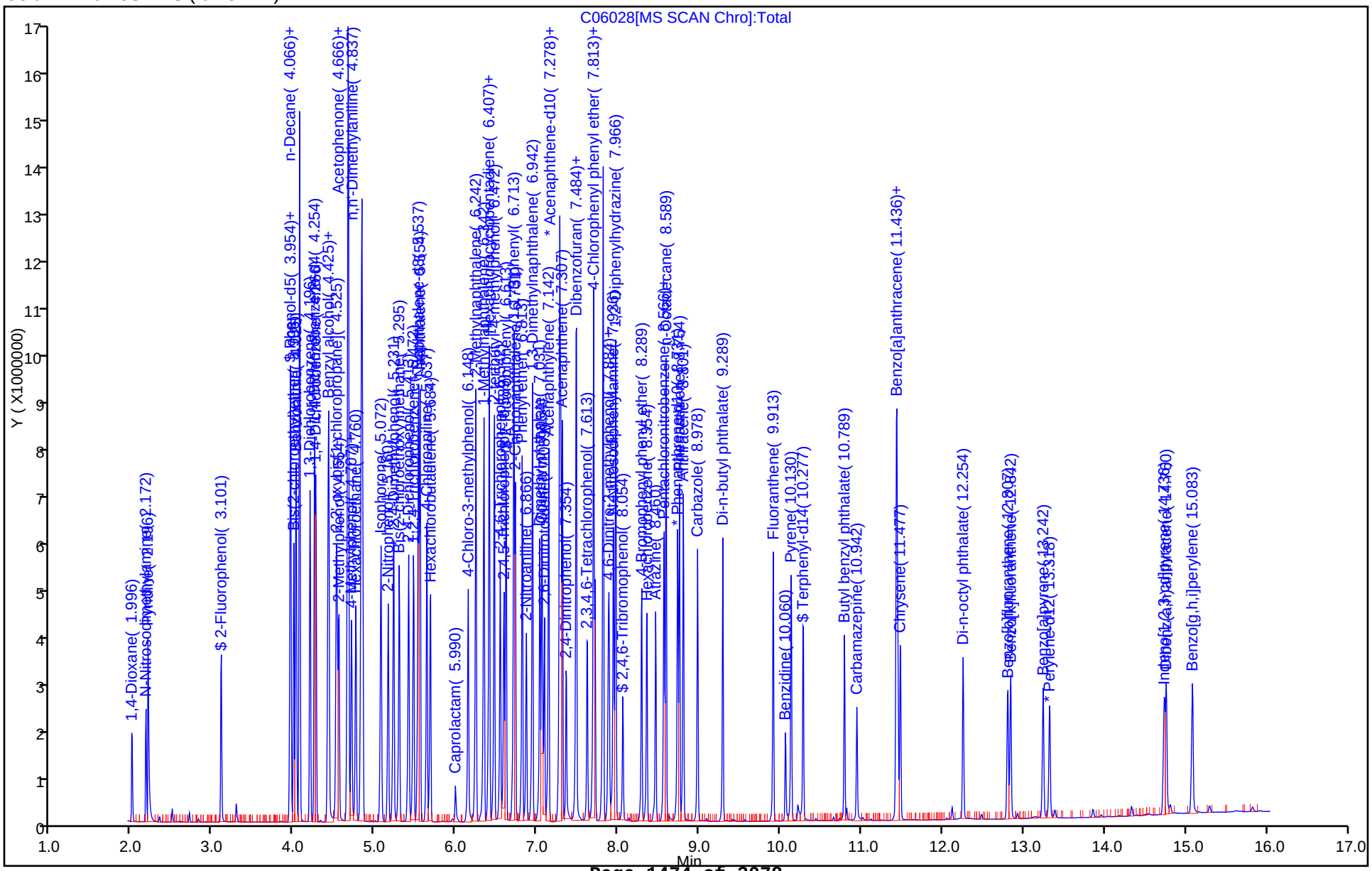
Lims ID: LCS 460-231898/2-A Worklist Smp#: 23

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

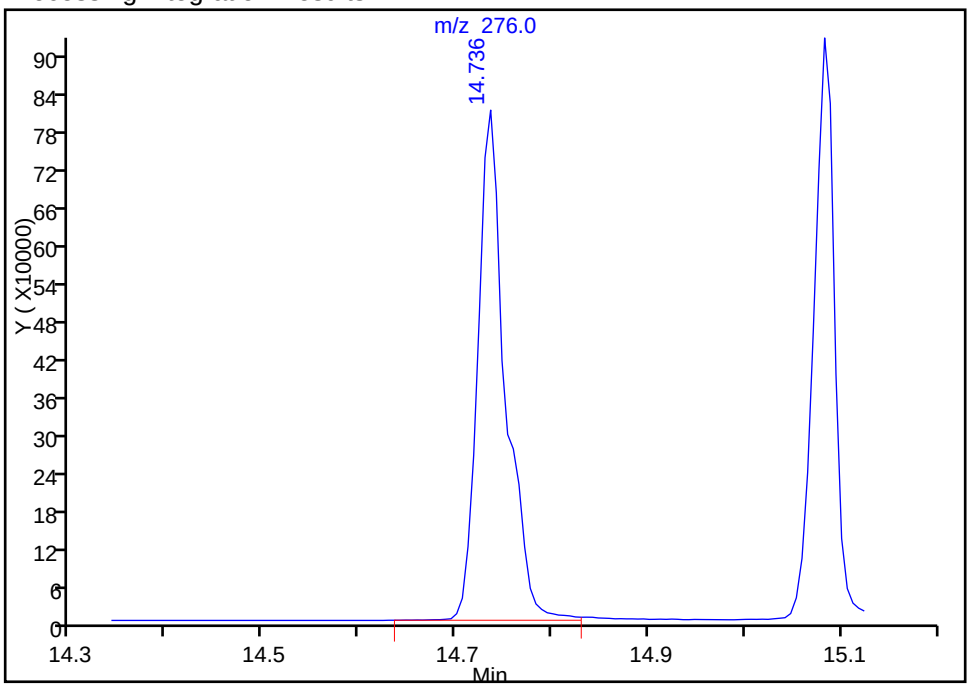
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06028.D				
Injection Date:	23-Jun-2014 11:14:30	Instrument ID:	CBNAMS13		
Lims ID:	LCS 460-231898/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

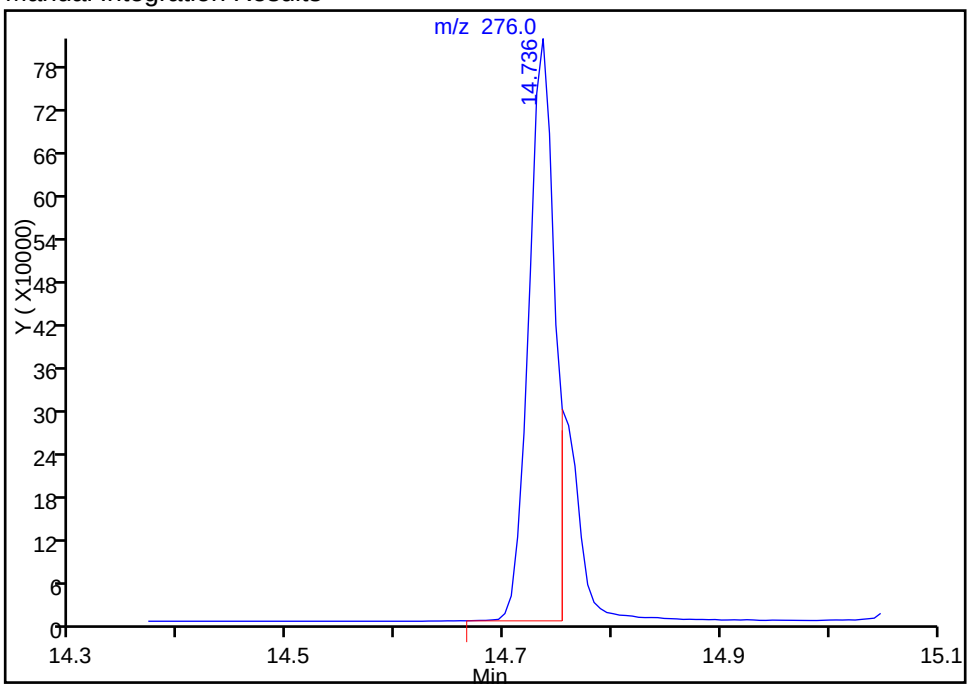
Processing Integration Results

RT: 14.74
Response: 1626691
Amount: 10.811356



Manual Integration Results

RT: 14.74
Response: 1358775
Amount: 9.036029



Reviewer: croccom, 23-Jun-2014 11:49:23
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231898/4-A

Matrix: Water | Lab File ID: C06023.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 09:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	129		10	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		51-126
321-60-8	2-Fluorobiphenyl	62		50-120
367-12-4	2-Fluorophenol	39		15-96
4165-60-0	Nitrobenzene-d5	74		60-114
4165-62-2	Phenol-d5	25		4-86
1718-51-0	Terphenyl-d14	61	X	72-130

Report Date: 24-Jun-2014 15:52:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06023.D
Lims ID: LCS 460-231898/4-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2014 09:15:30 ALS Bottle#: 17 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-018
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 10:24:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.096	3.095	0.001	96	1011995	10.0	3.90	
5 Benzaldehyde	77	3.848	3.848	0.000	90	3377325	20.0	16.2	
$ 6 Phenol-d5	99	3.943	3.960	-0.018	89	752616	10.0	2.50	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	98	1526814	8.00	8.00	
$ 25 Nitrobenzene-d5	82	4.819	4.831	-0.012	90	1784930	10.0	7.43	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	99	5457315	8.00	8.00	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	2859708	10.0	6.18	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	93	2605898	8.00	8.00	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	94	383665	10.0	7.27	
* 83 Phenanthrene-d10	188	8.730	8.730	0.000	99	3523116	8.00	8.00	
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1812131	10.0	6.06	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1982388	8.00	8.00	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	1478431	8.00	8.00	

Report Date: 24-Jun-2014 15:52:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06023.D

Injection Date: 23-Jun-2014 09:15:30 Instrument ID: CBNAMS13 Operator ID:

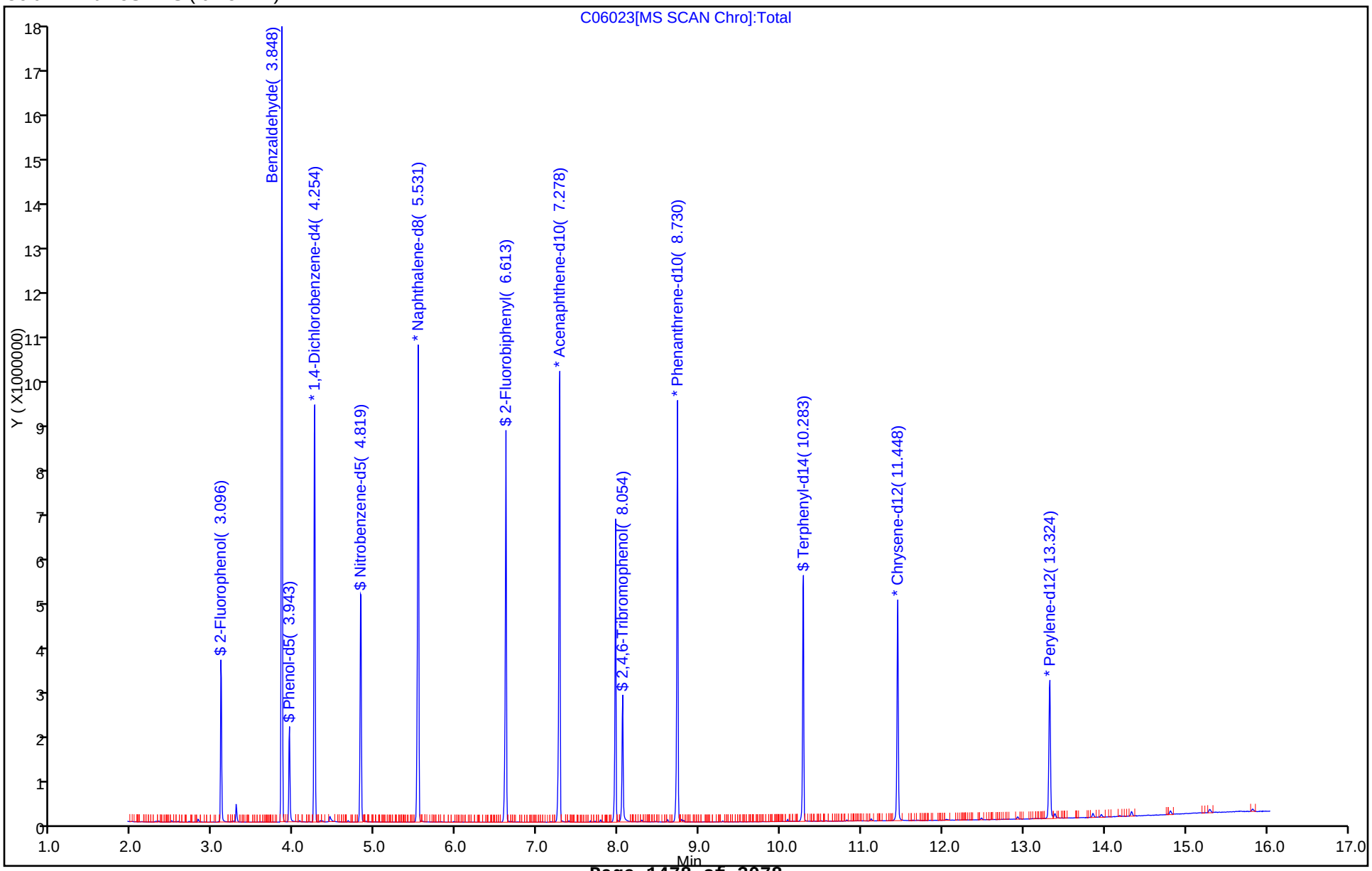
Lims ID: LCS 460-231898/4-A Worklist Smp#: 18

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-231898/3-A

Matrix: Water | Lab File ID: C06036.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 14:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	55.2		10	1.8
108-60-1	2,2'-oxybis[1-chloropropane]	68.9		10	1.3
58-90-2	2,3,4,6-Tetrachlorophenol	71.8		10	0.89
95-95-4	2,4,5-Trichlorophenol	65.7		10	2.2
88-06-2	2,4,6-Trichlorophenol	61.3		10	1.4
120-83-2	2,4-Dichlorophenol	63.3		10	1.1
105-67-9	2,4-Dimethylphenol	59.8		10	1.2
51-28-5	2,4-Dinitrophenol	173		30	2.0
121-14-2	2,4-Dinitrotoluene	82.4		2.0	0.28
606-20-2	2,6-Dinitrotoluene	74.2		2.0	0.27
91-58-7	2-Chloronaphthalene	57.4		10	1.3
95-57-8	2-Chlorophenol	55.0		10	0.93
91-57-6	2-Methylnaphthalene	59.8		10	1.5
95-48-7	2-Methylphenol	45.5		10	1.4
88-74-4	2-Nitroaniline	73.6		20	2.0
88-75-5	2-Nitrophenol	65.7		10	0.68
91-94-1	3,3'-Dichlorobenzidine	58.9		20	3.2
99-09-2	3-Nitroaniline	77.2		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	150		30	3.0
101-55-3	4-Bromophenyl phenyl ether	59.9		10	1.1
59-50-7	4-Chloro-3-methylphenol	62.5		10	1.1
106-47-8	4-Chloroaniline	64.0		1.0	0.32
7005-72-3	4-Chlorophenyl phenyl ether	67.9		10	1.5
106-44-5	4-Methylphenol	42.0		10	1.0
100-01-6	4-Nitroaniline	101		20	2.9
100-02-7	4-Nitrophenol	81.1		30	2.0
83-32-9	Acenaphthene	62.2		10	1.1
208-96-8	Acenaphthylene	65.1		10	1.8
98-86-2	Acetophenone	62.4		10	0.89
120-12-7	Anthracene	66.2		10	0.85
1912-24-9	Atrazine	81.4		10	1.0
56-55-3	Benzo[a]anthracene	68.9		1.0	0.18
50-32-8	Benzo[a]pyrene	70.7		1.0	0.14
205-99-2	Benzo[b]fluoranthene	69.6		1.0	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-231898/3-A

Matrix: Water | Lab File ID: C06036.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 14:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo[g,h,i]perylene	73.2		10	0.93
207-08-9	Benzo[k]fluoranthene	70.6		1.0	0.14
111-91-1	Bis(2-chloroethoxy)methane	67.7		10	1.0
111-44-4	Bis(2-chloroethyl)ether	56.4		1.0	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	80.6		10	0.81
85-68-7	Butyl benzyl phthalate	77.0		10	1.4
105-60-2	Caprolactam	27.9		10	0.91
86-74-8	Carbazole	75.5		10	1.2
218-01-9	Chrysene	70.0		10	1.4
53-70-3	Dibenz(a,h)anthracene	75.3		1.0	0.16
132-64-9	Dibenzofuran	64.5		10	1.5
84-66-2	Diethyl phthalate	78.9		10	1.4
131-11-3	Dimethyl phthalate	73.2		10	1.1
84-74-2	Di-n-butyl phthalate	86.4		10	1.0
117-84-0	Di-n-octyl phthalate	71.4		10	0.88
92-52-4	Diphenyl	60.2		10	1.8
206-44-0	Fluoranthene	78.1		10	1.1
86-73-7	Fluorene	68.0		10	1.7
118-74-1	Hexachlorobenzene	61.2		1.0	0.20
87-68-3	Hexachlorobutadiene	50.0		2.0	0.68
77-47-4	Hexachlorocyclopentadiene	56.6		10	1.5
67-72-1	Hexachloroethane	49.8		1.0	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	70.3		1.0	0.11
78-59-1	Isophorone	67.9		10	1.3
91-20-3	Naphthalene	61.0		10	2.0
98-95-3	Nitrobenzene	66.6		1.0	0.34
621-64-7	N-Nitrosodi-n-propylamine	63.5		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	62.5		10	1.0
87-86-5	Pentachlorophenol	117		30	2.7
85-01-8	Phenanthrene	64.9		10	1.2
108-95-2	Phenol	26.1		10	0.60
129-00-0	Pyrene	58.1		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-231898/3-A

Matrix: Water Lab File ID: C06036.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) Date Analyzed: 06/23/2014 14:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	88		51-126
321-60-8	2-Fluorobiphenyl	70		50-120
367-12-4	2-Fluorophenol	42		15-96
4165-60-0	Nitrobenzene-d5	77		60-114
4165-62-2	Phenol-d5	27		4-86
1718-51-0	Terphenyl-d14	66	X	72-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06036.D
Lims ID: LCSD 460-231898/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2014 14:24:30 ALS Bottle#: 30 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-031
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:56:29 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 24-Jun-2014 15:51:51

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.955	1.972	-0.017	0	460235	10.0	5.33	M
	2 N-Nitrosodimethylamine	74	2.131	2.148	-0.017	79	619267	10.0	5.25	
	3 Pyridine	79	2.160	2.178	-0.018	83	915283	10.0	4.48	
$	4 2-Fluorophenol	112	3.090	3.095	-0.005	95	815019	10.0	4.17	
$	6 Phenol-d5	99	3.943	3.960	-0.017	88	600904	10.0	2.65	
	8 Aniline	93	3.954	3.960	-0.006	97	1872341	10.0	7.03	
	7 Phenol	94	3.954	3.972	-0.018	74	825657	10.0	3.26	
	9 Bis(2-chloroethyl)ether	93	3.996	4.007	-0.011	93	1584059	10.0	7.06	
	125 Benzonitrile	103	4.025	4.037	-0.012	98	2972064	NC	NC	
	11 n-Decane	43	4.066	4.072	-0.006	92	1541649	10.0	6.46	
	10 2-Chlorophenol	128	4.066	4.078	-0.012	91	1418328	10.0	6.88	
	12 1,3-Dichlorobenzene	146	4.196	4.201	-0.005	95	1450116	10.0	6.42	
*	13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	97	1149715	8.00	8.00	
	14 1,4-Dichlorobenzene	146	4.266	4.272	-0.006	93	1465015	10.0	6.45	
	15 Benzyl alcohol	108	4.419	4.425	-0.006	94	773906	10.0	7.47	
	16 1,2-Dichlorobenzene	146	4.425	4.431	-0.006	95	1387944	10.0	6.45	
	18 2,2'-oxybis[1-chloropropan	45	4.519	4.531	-0.012	94	2697839	10.0	8.61	
	17 2-Methylphenol	108	4.549	4.560	-0.011	88	1065893	10.0	5.69	
	126 N-Methylaniline	106	4.660	4.672	-0.012	76	2098645	NC	NC	
	20 N-Nitrosodi-n-propylamine	70	4.666	4.678	-0.012	90	973258	10.0	7.93	
	19 Acetophenone	105	4.672	4.678	-0.006	94	1954453	10.0	7.81	
	22 3 & 4 Methylphenol	108	4.707	4.719	-0.012	25	985080	10.0	5.24	
	21 4-Methylphenol	108	4.707	4.719	-0.012	94	954918	10.0	5.25	
	24 Hexachloroethane	117	4.760	4.766	-0.006	94	561636	10.0	6.23	
$	25 Nitrobenzene-d5	82	4.825	4.831	-0.006	91	1353517	10.0	7.65	
	27 n,n'-Dimethylaniline	120	4.837	4.842	-0.005	96	2267124	10.0	7.49	
	26 Nitrobenzene	77	4.843	4.854	-0.011	93	2064475	10.0	8.32	
	28 Isophorone	82	5.072	5.078	-0.006	98	2438495	10.0	8.49	
	29 2-Nitrophenol	139	5.160	5.166	-0.006	90	811423	10.0	8.21	
	30 2,4-Dimethylphenol	122	5.225	5.237	-0.012	91	1181925	10.0	7.48	
	31 Bis(2-chloroethoxy)methane	93	5.296	5.301	-0.005	98	1705521	10.0	8.46	
	32 Benzoic acid	122	5.372	5.389	-0.017	3	4729	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.413	5.419	-0.006	95	1102504	10.0	7.91	
34 1,2,4-Trichlorobenzene	180	5.472	5.478	-0.006	92	1071501	10.0	6.81	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	100	4017179	8.00	8.00	
36 Naphthalene	128	5.554	5.560	-0.006	99	3908101	10.0	7.63	
37 4-Chloroaniline	127	5.637	5.642	-0.005	96	1639968	10.0	8.00	
38 Hexachlorobutadiene	225	5.684	5.684	0.000	93	533940	10.0	6.25	
39 Caprolactam	113	5.990	6.013	-0.023	90	99749	10.0	3.49	
40 4-Chloro-3-methylphenol	107	6.148	6.160	-0.012	97	1001809	10.0	7.81	
41 2-Methylnaphthalene	142	6.243	6.248	-0.005	84	2443515	10.0	7.47	
42 1-Methylnaphthalene	142	6.343	6.348	-0.005	91	2252657	10.0	7.49	
43 Hexachlorocyclopentadiene	237	6.407	6.413	-0.006	91	591943	10.0	7.08	
44 1,2,4,5-Tetrachlorobenzene	216	6.407	6.413	-0.006	95	986393	10.0	6.90	
45 2-tertbutyl-4-methylphenol	149	6.472	6.478	-0.006	89	1755704	10.0	9.00	
46 2,4,6-Trichlorophenol	196	6.543	6.548	-0.005	87	689785	10.0	7.66	
47 2,4,5-Trichlorophenol	196	6.590	6.595	-0.005	94	708456	10.0	8.21	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	92	2336017	10.0	7.00	
49 1,1'-Biphenyl	154	6.707	6.713	-0.006	97	2802680	10.0	7.52	
50 2-Chloronaphthalene	162	6.731	6.736	-0.005	95	2098809	10.0	7.18	
53 Phenyl ether	170	6.813	6.819	-0.006	87	1553685	10.0	7.84	
54 2-Nitroaniline	65	6.866	6.872	-0.006	97	692337	10.0	9.20	
55 1,3-Dimethylnaphthalene	156	6.943	6.948	-0.005	89	1857286	10.0	7.90	
56 Dimethyl phthalate	163	7.031	7.036	-0.005	90	2312322	10.0	9.15	
57 Coumarin	146	7.054	7.060	-0.006	78	832115	10.0	10.4	
58 2,6-Dinitrotoluene	165	7.090	7.095	-0.005	76	584929	10.0	9.28	
59 Acenaphthylene	152	7.143	7.142	0.000	95	3438717	10.0	8.14	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	1879404	8.00	8.00	
60 3-Nitroaniline	138	7.278	7.283	-0.005	57	612500	10.0	9.65	
63 3,5-di-tert-butyl-4-hydrox	205	7.290	7.295	-0.005	98	1650646	10.0	8.15	
62 Acenaphthene	154	7.307	7.313	-0.006	96	2038089	10.0	7.77	
64 2,4-Dinitrophenol	184	7.354	7.366	-0.012	95	605505	20.0	21.6	
66 Dibenzofuran	168	7.478	7.483	-0.005	88	2851325	10.0	8.07	
67 2,4-Dinitrotoluene	165	7.478	7.483	-0.005	77	705061	10.0	10.3	
65 4-Nitrophenol	65	7.484	7.489	-0.005	92	322365	20.0	10.1	
68 2,3,4,6-Tetrachlorophenol	232	7.619	7.619	0.000	93	511988	10.0	8.98	
69 Diethyl phthalate	149	7.713	7.719	-0.006	98	2250541	10.0	9.86	
71 4-Chlorophenyl phenyl ethe	204	7.813	7.813	0.000	72	1063220	10.0	8.48	
70 Fluorene	166	7.813	7.819	-0.006	83	2290386	10.0	8.51	
73 4,6-Dinitro-2-methylphenol	198	7.878	7.883	-0.005	79	743655	20.0	18.7	
72 4-Nitroaniline	138	7.890	7.895	-0.005	91	541730	10.0	12.6	
74 N-Nitrosodiphenylamine	169	7.937	7.942	-0.005	52	1636575	10.0	7.81	
75 1,2-Diphenylhydrazine	77	7.966	7.972	-0.006	98	2449492	10.0	7.19	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	94	333479	10.0	8.76	
77 4-Bromophenyl phenyl ether	248	8.289	8.289	0.000	88	613862	10.0	7.48	
78 Hexachlorobenzene	284	8.354	8.354	0.000	99	682721	10.0	7.64	
79 Atrazine	200	8.460	8.466	-0.006	87	525392	10.0	10.2	
81 Pentachloronitrobenzene	237	8.560	8.566	-0.006	78	237755	10.0	9.45	
121 Pentachlorophenol	266	8.566	8.572	-0.006	89	466715	20.0	14.6	
82 n-Octadecane	57	8.589	8.595	-0.006	94	1884642	10.0	7.79	
* 83 Phenanthrene-d10	188	8.731	8.730	0.001	99	2565882	8.00	8.00	
84 Phenanthrene	178	8.754	8.760	-0.006	98	2862068	10.0	8.11	
85 Anthracene	178	8.801	8.807	-0.006	96	2849638	10.0	8.27	
86 Carbazole	167	8.978	8.983	-0.005	83	2466890	10.0	9.43	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.289	9.295	-0.006	100	3040853	10.0	10.8	
88 Fluoranthene	202	9.913	9.913	0.000	97	2320090	10.0	9.76	
122 Benzidine	184	10.060	10.066	-0.006	99	574420	10.0	12.7	
90 Pyrene	202	10.131	10.136	-0.005	96	2273733	10.0	7.27	
$ 91 Terphenyl-d14	244	10.278	10.283	-0.005	98	1433019	10.0	6.64	
92 Butyl benzyl phthalate	149	10.789	10.795	-0.006	98	917520	10.0	9.63	
93 Carbamazepine	193	10.942	10.948	-0.006	91	655738	10.0	11.2	
94 3,3'-Dichlorobenzidine	252	11.425	11.430	-0.005	95	439621	10.0	7.36	
95 Benzo[a]anthracene	228	11.430	11.436	-0.006	99	1613793	10.0	8.61	
98 Bis(2-ethylhexyl) phthalat	149	11.430	11.442	-0.012	89	1169347	10.0	10.1	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1430697	8.00	8.00	
97 Chrysene	228	11.478	11.483	-0.005	95	1466517	10.0	8.75	
99 Di-n-octyl phthalate	149	12.254	12.260	-0.006	97	1758895	10.0	8.93	
100 Benzo[b]fluoranthene	252	12.801	12.807	-0.006	97	1393426	10.0	8.70	
101 Benzo[k]fluoranthene	252	12.836	12.842	-0.006	98	1449460	10.0	8.83	
102 Benzo[a]pyrene	252	13.242	13.248	-0.006	95	1300906	10.0	8.84	
* 103 Perylene-d12	264	13.319	13.324	-0.005	97	1219831	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.736	14.742	-0.006	97	1484384	10.0	8.78	M
105 Dibenz(a,h)anthracene	278	14.760	14.765	-0.005	93	1475687	10.0	9.41	
106 Benzo[g,h,i]perylene	276	15.083	15.089	-0.006	95	1522185	10.0	9.15	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Report Date: 24-Jun-2014 16:14:35 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06036.D

Injection Date: 23-Jun-2014 14:24:30 Instrument ID: CBNAMS13 Operator ID:

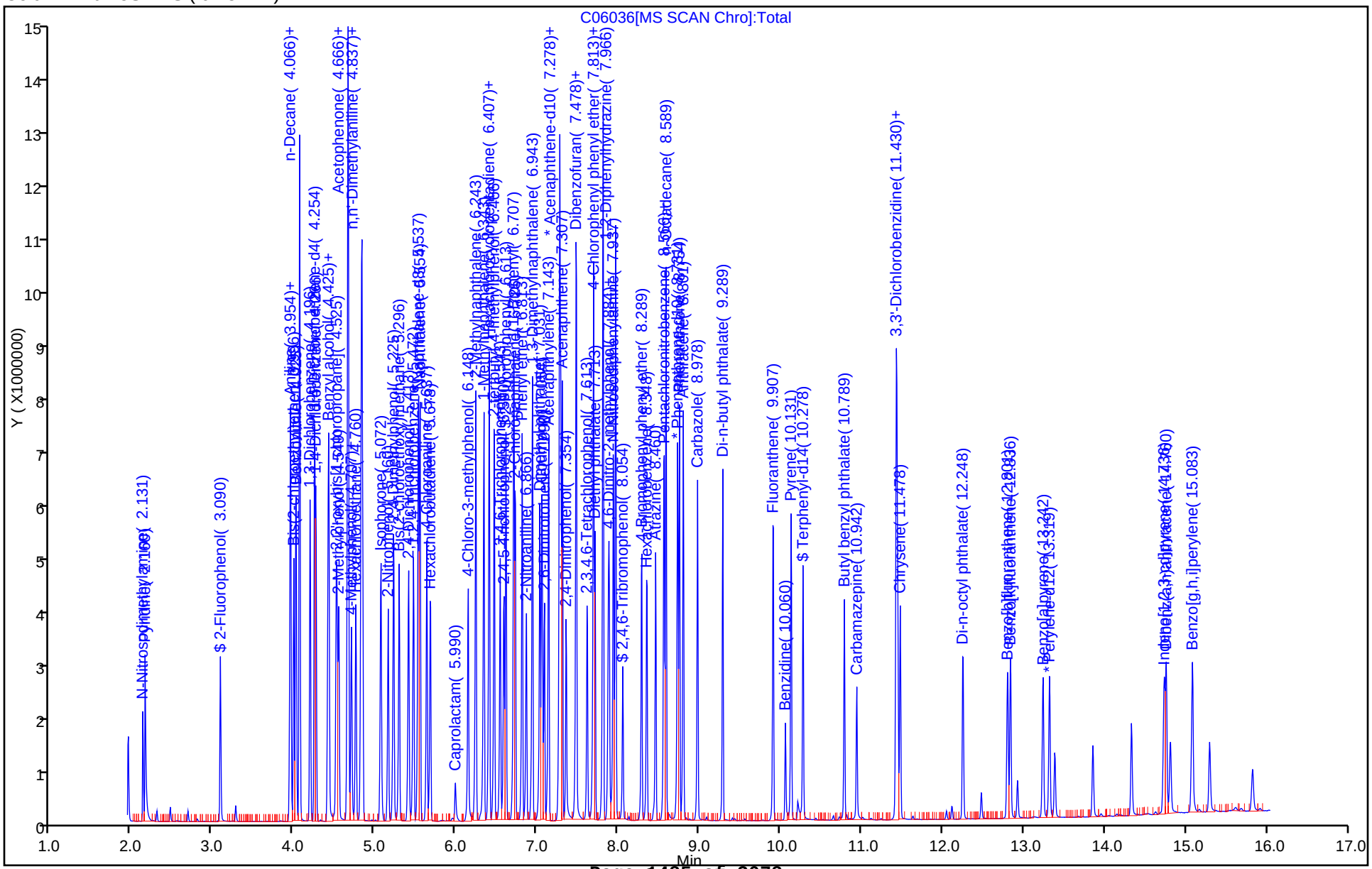
Lims ID: LCSD 460-231898/3-A Worklist Smp#: 31

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 30

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

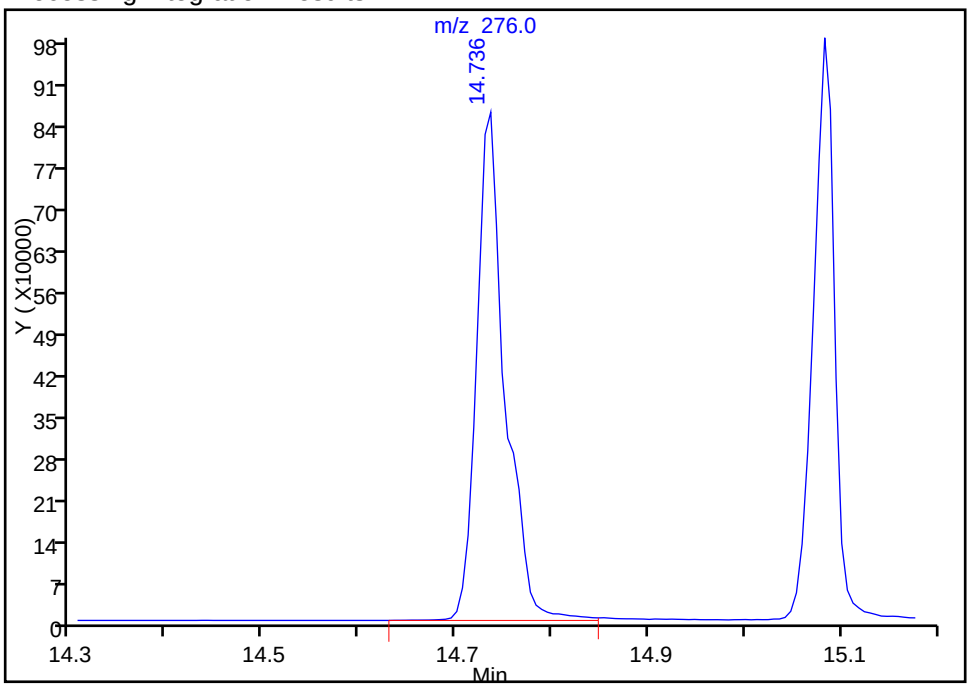
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06036.D
Injection Date: 23-Jun-2014 14:24:30 Instrument ID: CBNAMS13
Lims ID: LCSD 460-231898/3-A
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

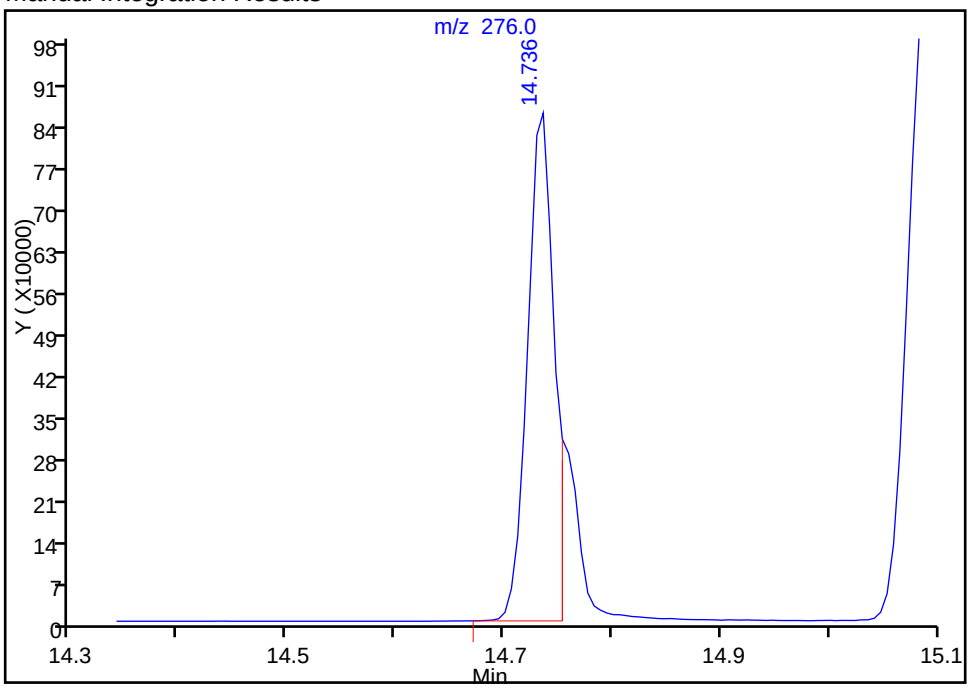
Processing Integration Results

RT: 14.74
Response: 1769247
Amount: 10.462766



Manual Integration Results

RT: 14.74
Response: 1484384
Amount: 8.783361



Reviewer: croccom, 23-Jun-2014 16:21:13
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-231898/5-A

Matrix: Water | Lab File ID: C06024.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2014 09:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232192 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	129		10	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	69		51-126
321-60-8	2-Fluorobiphenyl	62		50-120
367-12-4	2-Fluorophenol	39		15-96
4165-60-0	Nitrobenzene-d5	74		60-114
4165-62-2	Phenol-d5	26		4-86
1718-51-0	Terphenyl-d14	65	X	72-130

Report Date: 24-Jun-2014 15:52:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06024.D
Lims ID: LCSD 460-231898/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2014 09:39:30 ALS Bottle#: 18 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014898-019
Operator ID: Instrument ID: CBNAMS13

Method: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 24-Jun-2014 15:52:27 Calib Date: 20-Jun-2014 09:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS13\20140620-14803.b\C05938.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: croccom Date: 23-Jun-2014 10:25:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.101	3.095	0.006	95	1134022	10.0	3.89	
5 Benzaldehyde	77	3.848	3.848	0.000	91	3780679	20.0	16.1	
$ 6 Phenol-d5	99	3.943	3.960	-0.018	89	884647	10.0	2.62	
* 13 1,4-Dichlorobenzene-d4	152	4.254	4.254	0.000	99	1715323	8.00	8.00	
$ 25 Nitrobenzene-d5	82	4.825	4.831	-0.006	90	2026833	10.0	7.41	
* 35 Naphthalene-d8	136	5.531	5.531	0.000	99	6215559	8.00	8.00	
$ 48 2-Fluorobiphenyl	172	6.613	6.619	-0.006	97	3327535	10.0	6.17	
* 61 Acenaphthene-d10	164	7.278	7.278	0.000	94	3037155	8.00	8.00	
$ 76 2,4,6-Tribromophenol	330	8.054	8.060	-0.006	95	426968	10.0	6.94	
* 83 Phenanthrene-d10	188	8.730	8.730	0.000	99	3912745	8.00	8.00	
$ 91 Terphenyl-d14	244	10.283	10.283	0.000	99	1833450	10.0	6.50	
* 96 Chrysene-d12	240	11.448	11.448	0.000	98	1870692	8.00	8.00	
* 103 Perylene-d12	264	13.324	13.324	0.000	97	1383916	8.00	8.00	

Report Date: 24-Jun-2014 15:52:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS13\20140623-14898.b\C06024.D

Injection Date: 23-Jun-2014 09:39:30 Instrument ID: CBNAMS13 Operator ID:

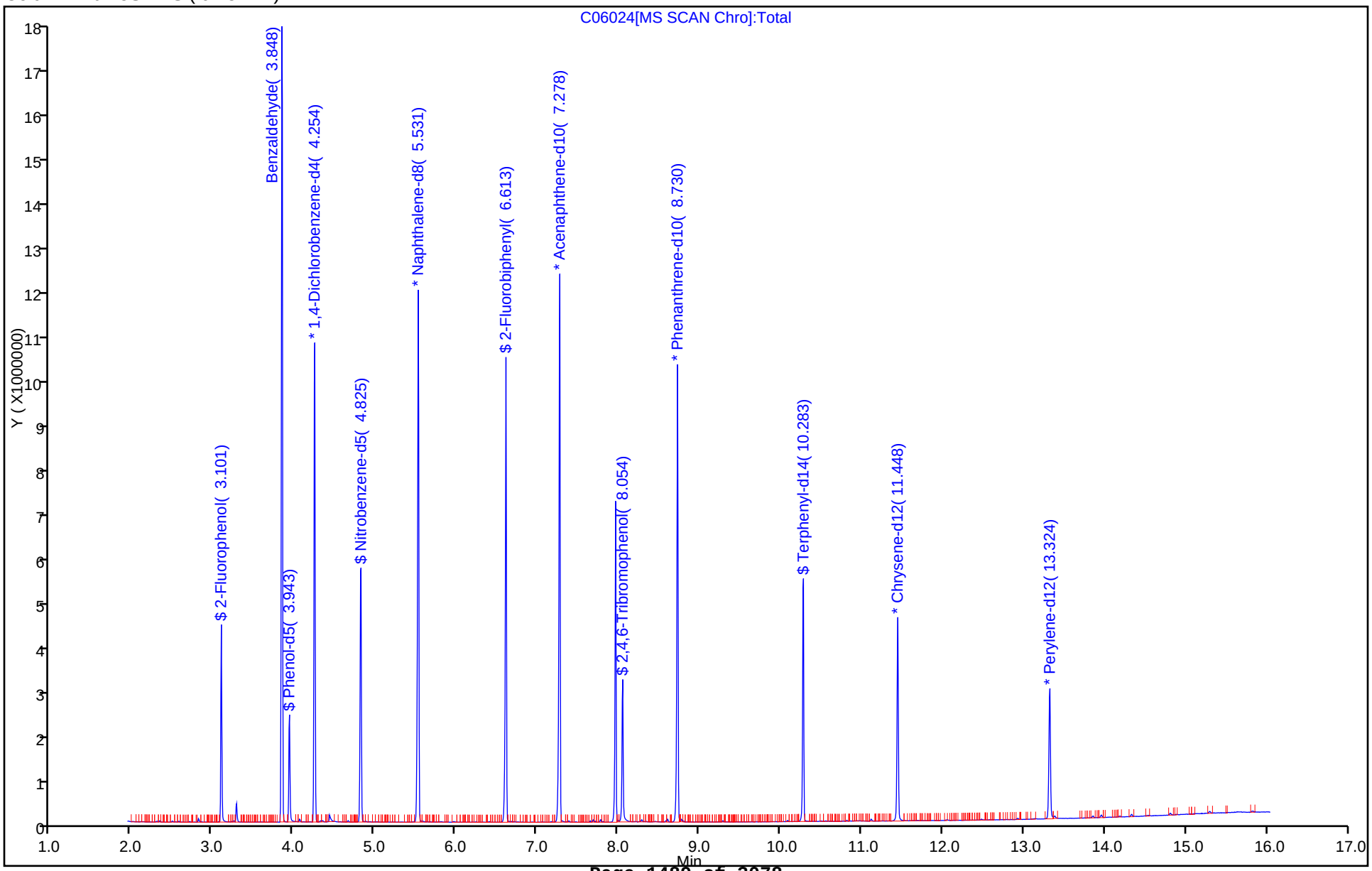
Lims ID: LCSD 460-231898/5-A Worklist Smp#: 19

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-A MS

Matrix: Solid | Lab File ID: L1150915.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	3380		350	47
108-60-1	2,2'-oxybis[1-chloropropane]	3010		350	39
58-90-2	2,3,4,6-Tetrachlorophenol	2870		350	45
95-95-4	2,4,5-Trichlorophenol	3280		350	45
88-06-2	2,4,6-Trichlorophenol	3260		350	41
120-83-2	2,4-Dichlorophenol	3210		350	51
105-67-9	2,4-Dimethylphenol	3210		350	86
51-28-5	2,4-Dinitrophenol	2040		710	200
121-14-2	2,4-Dinitrotoluene	3470		71	12
606-20-2	2,6-Dinitrotoluene	3470		71	11
91-58-7	2-Chloronaphthalene	3300		350	39
95-57-8	2-Chlorophenol	2930		350	46
91-57-6	2-Methylnaphthalene	3240		350	45
95-48-7	2-Methylphenol	2990		350	60
88-74-4	2-Nitroaniline	3330		350	150
88-75-5	2-Nitrophenol	3240		350	39
91-94-1	3,3'-Dichlorobenzidine	3280		350	120
99-09-2	3-Nitroaniline	3070		350	120
534-52-1	4,6-Dinitro-2-methylphenol	3940		710	95
101-55-3	4-Bromophenyl phenyl ether	3650		350	35
59-50-7	4-Chloro-3-methylphenol	3240		350	53
106-47-8	4-Chloroaniline	2100		350	93
7005-72-3	4-Chlorophenyl phenyl ether	3460		350	41
106-44-5	4-Methylphenol	3020		350	69
100-01-6	4-Nitroaniline	3270		710	110
100-02-7	4-Nitrophenol	6270		350	230
83-32-9	Acenaphthene	3260		350	51
208-96-8	Acenaphthylene	3390		350	41
98-86-2	Acetophenone	2790		350	54
120-12-7	Anthracene	3320		350	42
1912-24-9	Atrazine	2630		350	54
100-52-7	Benzaldehyde	5750		350	41
56-55-3	Benzo[a]anthracene	3280		35	2.4
50-32-8	Benzo[a]pyrene	3630		35	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-A MS

Matrix: Solid | Lab File ID: L1150915.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3190		35	2.2
191-24-2	Benzo[g,h,i]perylene	3660		350	26
207-08-9	Benzo[k]fluoranthene	3140		35	2.7
111-91-1	Bis(2-chloroethoxy)methane	3210		350	45
111-44-4	Bis(2-chloroethyl)ether	3000		35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	3410		350	120
85-68-7	Butyl benzyl phthalate	3350		350	32
105-60-2	Caprolactam	3290		350	81
86-74-8	Carbazole	3210		350	41
218-01-9	Chrysene	3390		350	41
53-70-3	Dibenz(a,h)anthracene	3950		35	4.4
132-64-9	Dibenzofuran	3340		350	41
84-66-2	Diethyl phthalate	3500		350	42
131-11-3	Dimethyl phthalate	3490		350	41
84-74-2	Di-n-butyl phthalate	3470		350	43
117-84-0	Di-n-octyl phthalate	2350		350	22
92-52-4	Diphenyl	3360		350	47
206-44-0	Fluoranthene	3170		350	47
86-73-7	Fluorene	3310		350	45
118-74-1	Hexachlorobenzene	3650		35	4.8
87-68-3	Hexachlorobutadiene	3420		71	8.5
77-47-4	Hexachlorocyclopentadiene	3110		350	41
67-72-1	Hexachloroethane	3010		35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	3900		35	6.5
78-59-1	Isophorone	3200		350	42
91-20-3	Naphthalene	3170		350	40
98-95-3	Nitrobenzene	3250		35	5.0
621-64-7	N-Nitrosodi-n-propylamine	3230		35	5.8
86-30-6	N-Nitrosodiphenylamine	3620		350	34
87-86-5	Pentachlorophenol	4180		710	100
85-01-8	Phenanthrene	3390		350	44
108-95-2	Phenol	2850		350	47
129-00-0	Pyrene	3420		350	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-A MS

Matrix: Solid | Lab File ID: L1150915.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	93		19-114
321-60-8	2-Fluorobiphenyl	98		49-112
367-12-4	2-Fluorophenol	80		39-103
4165-60-0	Nitrobenzene-d5	91		40-106
4165-62-2	Phenol-d5	82		44-104
1718-51-0	Terphenyl-d14	102		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150915.D
Lims ID: 460-77914-E-3-A MS
Client ID:
Sample Type: MS
Inject. Date: 25-Jun-2014 02:25:30 ALS Bottle#: 22 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014971-023
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 14:12:42 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: manlangitf Date: 25-Jun-2014 11:02:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.775	1.746	0.029	89	28821	50.0	21.8	
	2 N-Nitrosodimethylamine	74	2.010	1.987	0.023	66	79264	50.0	40.3	
	3 Pyridine	79	2.051	2.022	0.029	69	100801	50.0	30.3	
$	4 2-Fluorophenol	112	3.198	3.181	0.017	90	127667	50.0	39.9	
	5 Benzaldehyde	77	4.063	4.057	0.006	87	229181	100.0	81.6	
$	6 Phenol-d5	99	4.110	4.110	0.000	83	160303	50.0	40.8	
	7 Phenol	94	4.128	4.122	0.006	96	164217	50.0	40.5	
	8 Aniline	93	4.163	4.157	0.006	84	125841	50.0	25.8	
	9 Bis(2-chloroethyl)ether	93	4.228	4.222	0.006	89	135648	50.0	42.6	
	124 Benzonitrile	103	4.251	4.251	0.000	9	290495	NC	NC	
	10 2-Chlorophenol	128	4.281	4.281	0.000	86	139593	50.0	41.6	
	11 n-Decane	43	4.322	4.322	0.000	95	230345	50.0	35.6	
	12 1,3-Dichlorobenzene	146	4.439	4.434	0.005	94	159718	50.0	41.4	
*	13 1,4-Dichlorobenzene-d4	152	4.492	4.492	0.000	96	101146	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.510	4.510	0.000	91	160822	50.0	41.5	
	15 Benzyl alcohol	108	4.628	4.628	0.000	88	83127	50.0	44.0	
	16 1,2-Dichlorobenzene	146	4.663	4.663	0.000	90	154676	50.0	42.4	
	17 2-Methylphenol	108	4.739	4.734	0.005	86	121261	50.0	42.5	
	18 2,2'-oxybis[1-chloropropan	45	4.763	4.763	0.000	75	340736	50.0	42.7	
	125 N-Methylaniline	106	4.887	4.887	0.000	76	200281	NC	NC	
	21 4-Methylphenol	108	4.892	4.892	0.000	76	133940	50.0	42.9	
	22 3 & 4 Methylphenol	108	4.892	4.892	0.000	80	134695	50.0	43.0	
	20 N-Nitrosodi-n-propylamine	70	4.898	4.898	0.000	92	107533	50.0	45.9	
	19 Acetophenone	105	4.898	4.898	0.000	75	168144	50.0	39.6	
	24 Hexachloroethane	117	5.004	5.004	0.000	89	63179	50.0	42.7	
	23 2-Toluidine	107	5.075	5.030	0.045	11	1992		NC	
$	25 Nitrobenzene-d5	82	5.051	5.051	0.000	95	150628	50.0	45.6	
	26 Nitrobenzene	77	5.075	5.075	0.000	79	211214	50.0	46.1	
	27 n,n'-Dimethylaniline	120	5.075	5.075	0.000	79	230078	50.0	47.3	
	28 Isophorone	82	5.310	5.310	0.000	97	242333	50.0	45.4	
	29 2-Nitrophenol	139	5.392	5.392	0.000	83	74750	50.0	45.9	
	30 2,4-Dimethylphenol	122	5.434	5.434	0.000	90	115314	50.0	45.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.534	5.534	0.000	93	155888	50.0	45.6	
32 Benzoic acid	122	5.492	5.534	-0.042	78	22380	50.0	18.2	
33 2,4-Dichlorophenol	162	5.634	5.634	0.000	92	112613	50.0	45.6	
34 1,2,4-Trichlorobenzene	180	5.722	5.722	0.000	92	137517	50.0	46.8	
* 35 Naphthalene-d8	136	5.781	5.775	0.006	99	352279	40.0	40.0	
36 Naphthalene	128	5.798	5.798	0.000	97	395167	50.0	45.0	
37 4-Chloroaniline	127	5.851	5.851	0.000	94	102380	50.0	29.7	
38 Hexachlorobutadiene	225	5.922	5.922	0.000	92	88003	50.0	48.6	
39 Caprolactam	113	6.210	6.204	0.006	84	33476	50.0	46.7	
40 4-Chloro-3-methylphenol	107	6.339	6.339	0.000	93	103559	50.0	46.0	
41 2-Methylnaphthalene	142	6.498	6.498	0.000	84	267598	50.0	46.0	
42 1-Methylnaphthalene	142	6.592	6.592	0.000	91	250107	50.0	46.3	
43 Hexachlorocyclopentadiene	237	6.651	6.651	0.000	87	83674	50.0	44.1	
44 1,2,4,5-Tetrachlorobenzene	216	6.663	6.663	0.000	98	139259	50.0	48.0	
45 2-tertbutyl-4-methylphenol	149	6.692	6.692	0.000	79	200487	50.0	55.3	
89 Benzidine_T	184	6.663	6.716	-0.053	1	682		NC	
46 2,4,6-Trichlorophenol	196	6.775	6.775	0.000	89	79920	50.0	46.3	
47 2,4,5-Trichlorophenol	196	6.816	6.816	0.000	95	83621	50.0	46.5	
$ 48 2-Fluorobiphenyl	172	6.863	6.863	0.000	97	302035	50.0	49.1	
49 1,1'-Biphenyl	154	6.963	6.963	0.000	95	328423	50.0	47.7	
50 2-Chloronaphthalene	162	6.981	6.981	-0.001	95	244943	50.0	46.8	
53 Phenyl ether	170	7.069	7.069	0.000	90	193939	50.0	53.4	
54 2-Nitroaniline	65	7.086	7.086	0.000	95	97519	50.0	47.2	
51 2-Naphthylamine	143	7.198	7.165	0.033	20	1468		NC	
52 1-Naphthylamine	143	7.069	7.165	-0.096	39	6315		NC	
55 1,3-Dimethylnaphthalene	156	7.198	7.198	0.000	92	226616	50.0	53.2	
56 Dimethyl phthalate	163	7.269	7.269	0.000	98	262003	50.0	49.6	
57 Coumarin	146	7.292	7.292	0.000	69	94001	50.0	54.6	
58 2,6-Dinitrotoluene	165	7.328	7.328	0.000	29	62934	50.0	49.3	
59 Acenaphthylene	152	7.398	7.398	0.000	97	370699	50.0	48.2	
60 3-Nitroaniline	138	7.492	7.492	0.000	91	56330	50.0	43.6	
* 61 Acenaphthene-d10	164	7.533	7.533	0.000	92	188899	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.551	7.551	0.000	95	215250	50.0	48.3	
62 Acenaphthene	154	7.569	7.569	0.000	92	229457	50.0	46.3	
64 2,4-Dinitrophenol	184	7.592	7.598	-0.006	29	22602	100.0	29.0	
65 4-Nitrophenol	65	7.651	7.657	-0.006	91	85448	100.0	89.1	
67 2,4-Dinitrotoluene	165	7.722	7.722	0.000	91	78391	50.0	49.2	
66 Dibenzofuran	168	7.739	7.739	0.000	92	342967	50.0	47.4	
68 2,3,4,6-Tetrachlorophenol	232	7.857	7.857	0.000	95	60097	50.0	40.8	
69 Diethyl phthalate	149	7.963	7.969	-0.006	96	249951	50.0	49.7	
71 4-Chlorophenyl phenyl ethe	204	8.075	8.075	0.000	75	136172	50.0	49.1	
70 Fluorene	166	8.080	8.080	0.000	83	271395	50.0	47.0	
72 4-Nitroaniline	138	8.098	8.098	0.000	93	53836	50.0	46.5	
73 4,6-Dinitro-2-methylphenol	198	8.127	8.128	0.000	56	53962	100.0	55.9	
74 N-Nitrosodiphenylamine	169	8.192	8.192	0.000	67	193569	50.0	51.5	
75 1,2-Diphenylhydrazine	77	8.233	8.233	0.000	99	268327	50.0	48.5	
$ 76 2,4,6-Tribromophenol	330	8.316	8.316	0.000	94	41486	50.0	46.6	
77 4-Bromophenyl phenyl ether	248	8.563	8.563	0.000	93	81610	50.0	51.8	
78 Hexachlorobenzene	284	8.616	8.622	-0.006	96	85046	50.0	51.9	
79 Atrazine	200	8.716	8.722	-0.006	85	46670	50.0	37.3	
121 Pentachlorophenol	266	8.810	8.816	-0.006	87	59637	100.0	59.4	
81 Pentachloronitrobenzene	237	8.822	8.827	-0.005	83	36394	50.0	54.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
82 n-Octadecane	57	8.886	8.892	-0.006	93	234852	50.0	50.5	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	98	271720	40.0	40.0	
84 Phenanthrene	178	9.027	9.027	0.000	96	347190	50.0	48.1	
85 Anthracene	178	9.080	9.080	0.000	98	347160	50.0	47.1	
86 Carbazole	167	9.233	9.233	0.000	82	284690	50.0	45.5	
87 Di-n-butyl phthalate	149	9.574	9.574	0.000	99	357489	50.0	49.3	
88 Fluoranthene	202	10.198	10.204	-0.006	98	323373	50.0	45.0	
122 Benzidine	184	10.333	10.333	0.000	73	6643	50.0	2.41	
90 Pyrene	202	10.433	10.433	0.000	97	310213	50.0	48.5	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	99	225496	50.0	50.9	
92 Butyl benzyl phthalate	149	11.139	11.139	0.000	98	115636	50.0	47.6	
93 Carbamazepine	193	11.268	11.268	0.000	89	120908	50.0	57.8	
94 3,3'-Dichlorobenzidine	252	11.786	11.786	0.000	99	89668	50.0	46.6	
95 Benzo[a]anthracene	228	11.815	11.821	-0.006	94	255440	50.0	46.6	
* 96 Chrysene-d12	240	11.833	11.827	0.006	97	207455	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.857	11.857	0.000	88	162728	50.0	48.3	
97 Chrysene	228	11.863	11.868	-0.005	96	240148	50.0	48.1	
99 Di-n-octyl phthalate	149	12.751	12.757	-0.006	93	272056	50.0	33.4	
100 Benzo[b]fluoranthene	252	13.274	13.274	0.000	98	331662	50.0	45.3	
101 Benzo[k]fluoranthene	252	13.310	13.315	-0.005	99	344758	50.0	44.5	
102 Benzo[a]pyrene	252	13.733	13.733	0.000	96	361980	50.0	51.5	
* 103 Perylene-d12	264	13.815	13.809	0.006	99	292470	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.303	15.304	-0.001	99	432264	50.0	55.4	
105 Dibenz(a,h)anthracene	278	15.333	15.339	-0.006	96	431738	50.0	56.0	
106 Benzo[g,h,i]perylene	276	15.686	15.692	-0.006	93	414359	50.0	51.9	
S 119 Total Cresols	1				0			85.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated

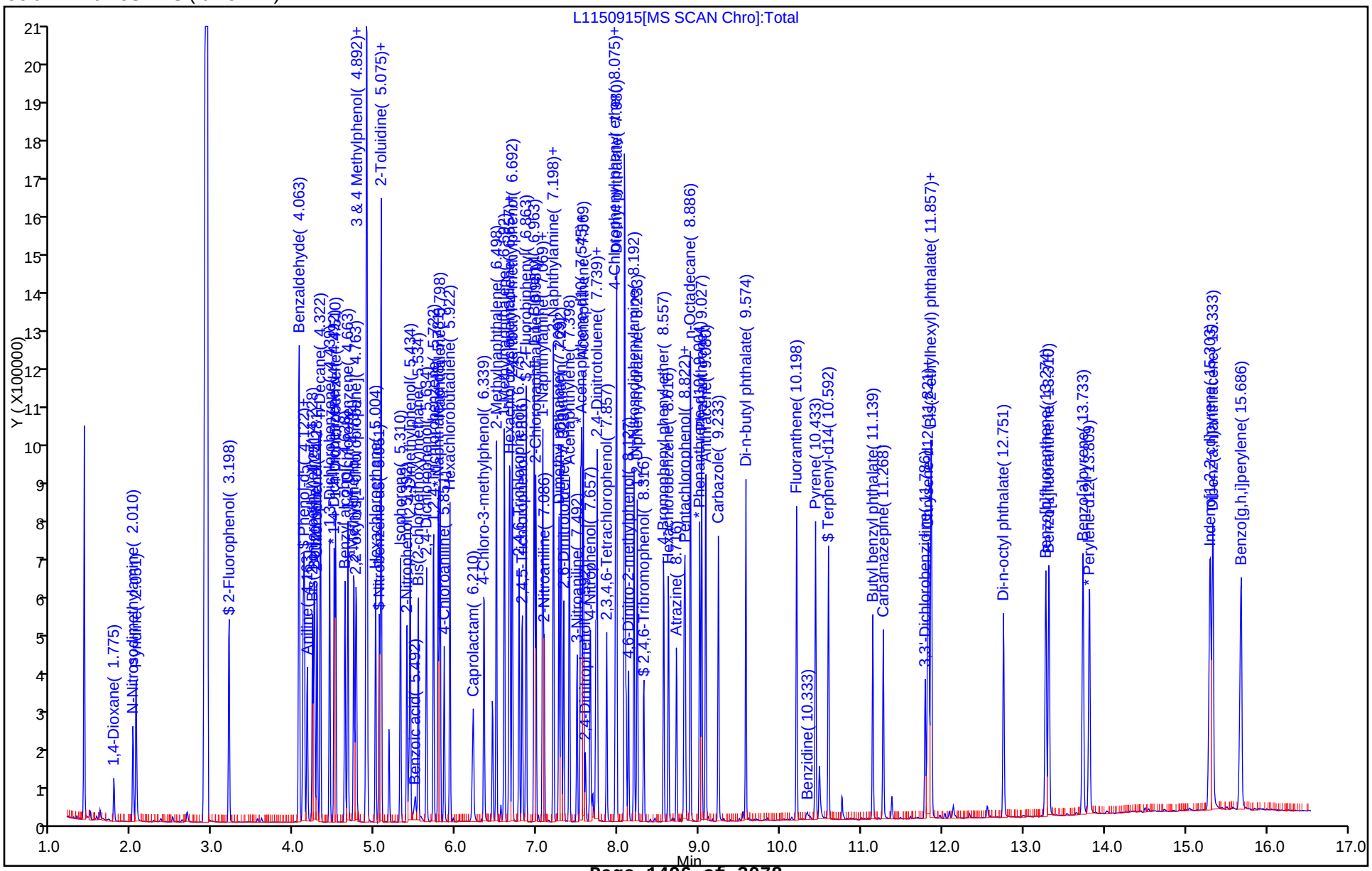
Report Date: 25-Jun-2014 14:14:32 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150915.D

Injection Date:	25-Jun-2014 02:25:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-77914-E-3-A MS			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-B MSD

Matrix: Solid | Lab File ID: L1150916.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	3420		350	47
108-60-1	2,2'-oxybis[1-chloropropane]	3130		350	39
58-90-2	2,3,4,6-Tetrachlorophenol	2750		350	45
95-95-4	2,4,5-Trichlorophenol	3190		350	45
88-06-2	2,4,6-Trichlorophenol	3310		350	41
120-83-2	2,4-Dichlorophenol	3220		350	51
105-67-9	2,4-Dimethylphenol	3190		350	86
51-28-5	2,4-Dinitrophenol	1810		710	200
121-14-2	2,4-Dinitrotoluene	3460		71	12
606-20-2	2,6-Dinitrotoluene	3490		71	11
91-58-7	2-Chloronaphthalene	3340		350	39
95-57-8	2-Chlorophenol	3010		350	46
91-57-6	2-Methylnaphthalene	3260		350	45
95-48-7	2-Methylphenol	3100		350	60
88-74-4	2-Nitroaniline	3380		350	150
88-75-5	2-Nitrophenol	3290		350	39
91-94-1	3,3'-Dichlorobenzidine	3280		350	120
99-09-2	3-Nitroaniline	3020		350	120
534-52-1	4,6-Dinitro-2-methylphenol	3670		710	95
101-55-3	4-Bromophenyl phenyl ether	3640		350	35
59-50-7	4-Chloro-3-methylphenol	3220		350	53
106-47-8	4-Chloroaniline	2070		350	93
7005-72-3	4-Chlorophenyl phenyl ether	3390		350	41
106-44-5	4-Methylphenol	3100		350	69
100-01-6	4-Nitroaniline	3250		710	110
100-02-7	4-Nitrophenol	6130		350	230
83-32-9	Acenaphthene	3270		350	51
208-96-8	Acenaphthylene	3400		350	41
98-86-2	Acetophenone	2850		350	54
120-12-7	Anthracene	3290		350	42
1912-24-9	Atrazine	2670		350	54
100-52-7	Benzaldehyde	5950		350	41
56-55-3	Benzo[a]anthracene	3320		35	2.4
50-32-8	Benzo[a]pyrene	3680		35	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-B MSD

Matrix: Solid | Lab File ID: L1150916.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	3250		35	2.2
191-24-2	Benzo[g,h,i]perylene	3510		350	26
207-08-9	Benzo[k]fluoranthene	3180		35	2.7
111-91-1	Bis(2-chloroethoxy)methane	3270		350	45
111-44-4	Bis(2-chloroethyl)ether	3120		35	4.8
117-81-7	Bis(2-ethylhexyl) phthalate	3420		350	120
85-68-7	Butyl benzyl phthalate	3460		350	32
105-60-2	Caprolactam	3210		350	81
86-74-8	Carbazole	3150		350	41
218-01-9	Chrysene	3420		350	41
53-70-3	Dibenz(a,h)anthracene	3830		35	4.4
132-64-9	Dibenzofuran	3290		350	41
84-66-2	Diethyl phthalate	3500		350	42
131-11-3	Dimethyl phthalate	3500		350	41
84-74-2	Di-n-butyl phthalate	3460		350	43
117-84-0	Di-n-octyl phthalate	2380		350	22
92-52-4	Diphenyl	3370		350	47
206-44-0	Fluoranthene	3060		350	47
86-73-7	Fluorene	3320		350	45
118-74-1	Hexachlorobenzene	3600		35	4.8
87-68-3	Hexachlorobutadiene	3380		71	8.5
77-47-4	Hexachlorocyclopentadiene	3120		350	41
67-72-1	Hexachloroethane	3010		35	3.9
193-39-5	Indeno[1,2,3-cd]pyrene	3800		35	6.5
78-59-1	Isophorone	3190		350	42
91-20-3	Naphthalene	3190		350	40
98-95-3	Nitrobenzene	3280		35	5.0
621-64-7	N-Nitrosodi-n-propylamine	3330		35	5.8
86-30-6	N-Nitrosodiphenylamine	3640		350	34
87-86-5	Pentachlorophenol	3920		710	100
85-01-8	Phenanthrene	3340		350	44
108-95-2	Phenol	2990		350	47
129-00-0	Pyrene	3500		350	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-77914-E-3-B MSD

Matrix: Solid | Lab File ID: L1150916.D

Analysis Method: 8270D | Date Collected: 06/16/2014 10:15

Extract. Method: 3541 | Date Extracted: 06/19/2014 20:28

Sample wt/vol: 15.01(g) | Date Analyzed: 06/25/2014 02:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232560 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	93		19-114
321-60-8	2-Fluorobiphenyl	99		49-112
367-12-4	2-Fluorophenol	83		39-103
4165-60-0	Nitrobenzene-d5	92		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	105		41-145

Report Date: 25-Jun-2014 14:14:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150916.D
Lims ID: 460-77914-E-3-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 25-Jun-2014 02:50:30 ALS Bottle#: 23 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014971-024
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\8270_12R.m
Limit Group: SV 8270D ICAL
Last Update: 25-Jun-2014 14:12:42 Calib Date: 23-Jun-2014 03:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140622-14894.b\L1150827.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: manlangitf Date: 25-Jun-2014 11:03:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.775	1.746	0.029	89	30490	50.0	21.3	
2 N-Nitrosodimethylamine	74	2.010	1.987	0.023	66	87938	50.0	41.5	
3 Pyridine	79	2.052	2.022	0.030	70	108076	50.0	30.1	
$ 4 2-Fluorophenol	112	3.199	3.181	0.018	89	142568	50.0	41.3	
5 Benzaldehyde	77	4.063	4.057	0.006	87	255822	100.0	84.5	
$ 6 Phenol-d5	99	4.110	4.110	0.000	83	181385	50.0	42.7	
7 Phenol	94	4.128	4.122	0.006	95	185560	50.0	42.4	
8 Aniline	93	4.163	4.157	0.006	98	140607	50.0	26.7	
9 Bis(2-chloroethyl)ether	93	4.228	4.222	0.006	89	151863	50.0	44.2	
124 Benzonitrile	103	4.251	4.251	0.000	9	324632	NC	NC	
10 2-Chlorophenol	128	4.281	4.281	0.000	91	154894	50.0	42.8	
11 n-Decane	43	4.322	4.322	0.000	95	249770	50.0	35.7	
12 1,3-Dichlorobenzene	146	4.440	4.434	0.006	94	172767	50.0	41.6	
* 13 1,4-Dichlorobenzene-d4	152	4.493	4.492	0.001	96	109114	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.510	4.510	0.000	92	178619	50.0	42.7	
15 Benzyl alcohol	108	4.628	4.628	0.000	87	96634	50.0	47.4	
16 1,2-Dichlorobenzene	146	4.663	4.663	0.000	94	170923	50.0	43.4	
17 2-Methylphenol	108	4.740	4.734	0.006	86	135709	50.0	44.1	
18 2,2'-oxybis[1-chloropropan	45	4.763	4.763	0.000	90	382763	50.0	44.4	
125 N-Methylaniline	106	4.887	4.887	0.000	77	221760	NC	NC	
21 4-Methylphenol	108	4.893	4.892	0.001	81	148462	50.0	44.0	
22 3 & 4 Methylphenol	108	4.893	4.892	0.001	87	148607	50.0	44.0	
20 N-Nitrosodi-n-propylamine	70	4.898	4.898	0.000	91	119683	50.0	47.3	
19 Acetophenone	105	4.898	4.898	0.000	75	185494	50.0	40.5	
24 Hexachloroethane	117	5.004	5.004	0.000	89	68135	50.0	42.7	
23 2-Toluidine	107	5.075	5.030	0.045	11	2020		NC	
$ 25 Nitrobenzene-d5	82	5.051	5.051	0.000	95	166781	50.0	45.8	
26 Nitrobenzene	77	5.075	5.075	0.000	79	235206	50.0	46.5	
27 n,n'-Dimethylaniline	120	5.075	5.075	0.000	78	255426	50.0	48.7	
28 Isophorone	82	5.310	5.310	0.000	96	266776	50.0	45.3	
29 2-Nitrophenol	139	5.393	5.392	0.001	83	83863	50.0	46.7	
30 2,4-Dimethylphenol	122	5.434	5.434	0.000	89	126521	50.0	45.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	5.534	5.534	0.000	93	174932	50.0	46.4	
32 Benzoic acid	122	5.493	5.534	-0.041	78	35733	50.0	24.9	
33 2,4-Dichlorophenol	162	5.634	5.634	0.000	93	124550	50.0	45.7	
34 1,2,4-Trichlorobenzene	180	5.722	5.722	0.000	90	150591	50.0	46.4	
* 35 Naphthalene-d8	136	5.781	5.775	0.006	99	388691	40.0	40.0	
36 Naphthalene	128	5.798	5.798	0.000	97	439512	50.0	45.4	
37 4-Chloroaniline	127	5.851	5.851	0.000	95	111863	50.0	29.5	
38 Hexachlorobutadiene	225	5.922	5.922	0.000	93	95803	50.0	48.0	
39 Caprolactam	113	6.210	6.204	0.006	84	36014	50.0	45.6	
40 4-Chloro-3-methylphenol	107	6.345	6.339	0.006	93	113584	50.0	45.8	
41 2-Methylnaphthalene	142	6.492	6.498	-0.006	83	296701	50.0	46.2	
42 1-Methylnaphthalene	142	6.592	6.592	0.000	91	275812	50.0	46.3	
43 Hexachlorocyclopentadiene	237	6.651	6.651	0.000	87	91225	50.0	44.3	
44 1,2,4,5-Tetrachlorobenzene	216	6.663	6.663	0.000	98	152792	50.0	48.6	
45 2-tertbutyl-4-methylphenol	149	6.692	6.692	0.000	90	220120	50.0	55.0	
89 Benzidine_T	184	6.663	6.716	-0.053	1	731		NC	
46 2,4,6-Trichlorophenol	196	6.775	6.775	0.000	91	87914	50.0	46.9	
47 2,4,5-Trichlorophenol	196	6.816	6.816	0.000	94	88150	50.0	45.2	
$ 48 2-Fluorobiphenyl	172	6.863	6.863	0.000	98	330328	50.0	49.5	
49 1,1'-Biphenyl	154	6.963	6.963	0.000	95	356951	50.0	47.8	
50 2-Chloronaphthalene	162	6.981	6.981	0.000	95	269177	50.0	47.5	
53 Phenyl ether	170	7.069	7.069	0.000	87	213947	50.0	54.3	
54 2-Nitroaniline	65	7.087	7.086	0.001	95	107492	50.0	48.0	
51 2-Naphthylamine	143	7.198	7.165	0.033	21	1640		NC	
52 1-Naphthylamine	143	7.069	7.165	-0.096	39	7011		NC	
55 1,3-Dimethylnaphthalene	156	7.198	7.198	0.000	92	245941	50.0	53.2	
56 Dimethyl phthalate	163	7.269	7.269	0.000	99	284669	50.0	49.7	
57 Coumarin	146	7.292	7.292	0.000	73	99344	50.0	52.3	
58 2,6-Dinitrotoluene	165	7.328	7.328	0.000	88	68707	50.0	49.6	
59 Acenaphthylene	152	7.398	7.398	0.000	97	403172	50.0	48.3	
60 3-Nitroaniline	138	7.492	7.492	0.000	91	59959	50.0	42.8	
* 61 Acenaphthene-d10	164	7.534	7.533	0.001	92	204879	40.0	40.0	
63 3,5-di-tert-butyl-4-hydrox	205	7.551	7.551	0.000	94	234378	50.0	48.5	
62 Acenaphthene	154	7.569	7.569	0.000	92	249592	50.0	46.4	
64 2,4-Dinitrophenol	184	7.592	7.598	-0.006	90	21773	100.0	25.7	
65 4-Nitrophenol	65	7.657	7.657	0.000	90	90606	100.0	87.1	
67 2,4-Dinitrotoluene	165	7.722	7.722	0.000	92	84793	50.0	49.1	
66 Dibenzofuran	168	7.739	7.739	0.000	92	366880	50.0	46.7	
68 2,3,4,6-Tetrachlorophenol	232	7.857	7.857	0.000	94	62361	50.0	39.0	
69 Diethyl phthalate	149	7.963	7.969	-0.006	97	271236	50.0	49.7	
71 4-Chlorophenyl phenyl ethe	204	8.075	8.075	0.000	82	144820	50.0	48.1	
70 Fluorene	166	8.081	8.080	0.001	84	295284	50.0	47.2	
72 4-Nitroaniline	138	8.098	8.098	0.000	93	57961	50.0	46.1	
73 4,6-Dinitro-2-methylphenol	198	8.128	8.128	0.001	83	54141	100.0	52.1	
74 N-Nitrosodiphenylamine	169	8.192	8.192	0.000	67	209047	50.0	51.7	
75 1,2-Diphenylhydrazine	77	8.234	8.233	0.001	98	286369	50.0	48.1	
$ 76 2,4,6-Tribromophenol	330	8.316	8.316	0.000	96	44645	50.0	46.3	
77 4-Bromophenyl phenyl ether	248	8.563	8.563	0.000	93	87455	50.0	51.6	
78 Hexachlorobenzene	284	8.616	8.622	-0.006	96	90105	50.0	51.1	
79 Atrazine	200	8.716	8.722	-0.006	87	50939	50.0	37.9	
121 Pentachlorophenol	266	8.816	8.816	0.000	86	60097	100.0	55.7	
81 Pentachloronitrobenzene	237	8.828	8.827	0.001	90	38566	50.0	54.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
82 n-Octadecane	57	8.886	8.892	-0.006	93	251541	50.0	50.3	
* 83 Phenanthrene-d10	188	9.004	9.004	0.000	99	292223	40.0	40.0	
84 Phenanthrene	178	9.028	9.027	0.001	96	367958	50.0	47.4	
85 Anthracene	178	9.081	9.080	0.001	98	369921	50.0	46.7	
86 Carbazole	167	9.233	9.233	0.000	82	301202	50.0	44.8	
87 Di-n-butyl phthalate	149	9.575	9.574	0.001	99	382911	50.0	49.1	
88 Fluoranthene	202	10.198	10.204	-0.006	98	336526	50.0	43.5	
122 Benzidine	184	10.333	10.333	0.000	70	6141	50.0	2.07	
90 Pyrene	202	10.433	10.433	0.000	97	325532	50.0	49.7	
$ 91 Terphenyl-d14	244	10.592	10.592	0.000	99	238899	50.0	52.6	
92 Butyl benzyl phthalate	149	11.139	11.139	0.000	97	122334	50.0	49.2	
93 Carbamazepine	193	11.269	11.268	0.001	90	131166	50.0	61.0	
94 3,3'-Dichlorobenzidine	252	11.786	11.786	0.000	99	91673	50.0	46.5	
95 Benzo[a]anthracene	228	11.816	11.821	-0.005	94	264429	50.0	47.1	
* 96 Chrysene-d12	240	11.833	11.827	0.006	97	212454	40.0	40.0	
98 Bis(2-ethylhexyl) phthalat	149	11.857	11.857	0.000	87	167256	50.0	48.5	
97 Chrysene	228	11.863	11.868	-0.005	96	247973	50.0	48.5	
99 Di-n-octyl phthalate	149	12.751	12.757	-0.006	94	275771	50.0	33.8	
100 Benzo[b]fluoranthene	252	13.274	13.274	0.000	98	338704	50.0	46.1	
101 Benzo[k]fluoranthene	252	13.316	13.315	0.001	99	351130	50.0	45.2	
102 Benzo[a]pyrene	252	13.733	13.733	0.000	97	368537	50.0	52.3	
* 103 Perylene-d12	264	13.816	13.809	0.007	99	293306	40.0	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.304	15.304	0.000	99	422249	50.0	54.0	
105 Dibenz(a,h)anthracene	278	15.333	15.339	-0.006	97	420471	50.0	54.4	
106 Benzo[g,h,i]perylene	276	15.686	15.692	-0.006	93	398538	50.0	49.8	
S 119 Total Cresols	1				0			88.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated

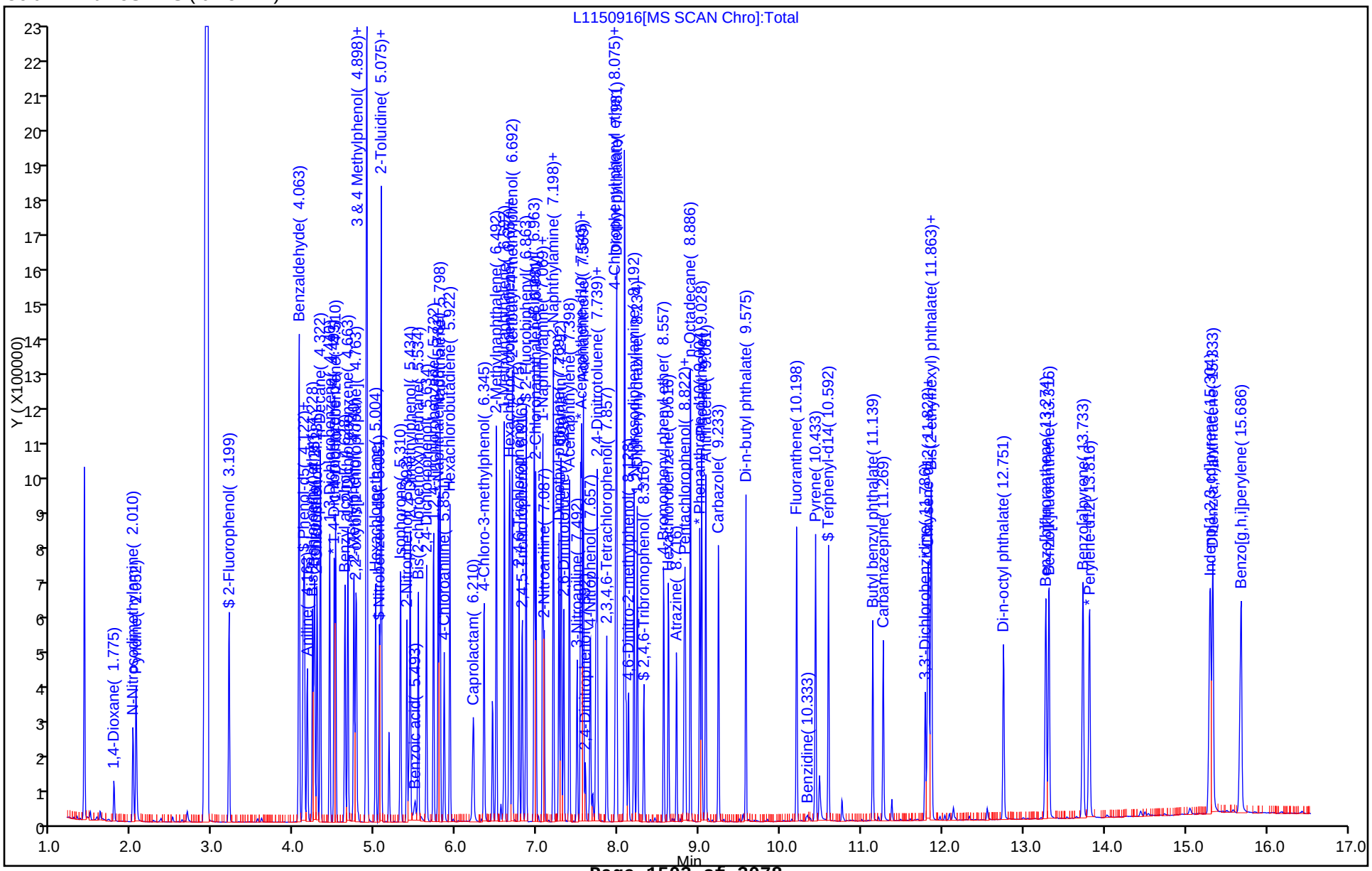
Report Date: 25-Jun-2014 14:14:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140624-14971.b\L1150916.D

Injection Date:	25-Jun-2014 02:50:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-77914-E-3-B MSD			Worklist Smp#:	24
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8270_12R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 06/22/2014 21:47

Analysis Batch Number: 232183 End Date: 06/23/2014 06:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232183/1		06/22/2014 21:47	1	L1150813.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-232183/2		06/22/2014 22:05	1	L1150814.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/3		06/22/2014 22:30	1	L1150815.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/4		06/22/2014 22:54	1	L1150816.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/5		06/22/2014 23:19	1	L1150817.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/6		06/22/2014 23:44	1	L1150818.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/7		06/23/2014 00:08	1	L1150819.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/8		06/23/2014 00:33	1	L1150820.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/9		06/23/2014 00:57	1	L1150821.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/10		06/23/2014 01:22	1	L1150822.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/11		06/23/2014 01:47	1	L1150823.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/12		06/23/2014 02:11	1	L1150824.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/13		06/23/2014 02:36	1	L1150825.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/14		06/23/2014 03:00	1	L1150826.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232183/15		06/23/2014 03:25	1	L1150827.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-232183/16		06/23/2014 03:49	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-232183/17		06/23/2014 04:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2014 06:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2014 06:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2014 06:51	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 06/24/2014 02:59

Analysis Batch Number: 232407 End Date: 06/24/2014 14:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232407/1		06/24/2014 02:59	1	L1150863.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-232407/2		06/24/2014 03:17	1	L1150864.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-232407/3		06/24/2014 03:53	1	L1150865.D	Rtxi-5Sil MS 0.25(mm)
MB 460-231764/1-A		06/24/2014 04:42	1	L1150867.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-231764/3-A		06/24/2014 05:31	1	L1150869.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-231764/2-A		06/24/2014 10:49	1	L1150882.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 11:13	1		Rtxi-5Sil MS 0.25(mm)
460-78044-7	S-7	06/24/2014 11:37	1	L1150884.D	Rtxi-5Sil MS 0.25(mm)
460-78044-5	S-5	06/24/2014 12:26	1	L1150886.D	Rtxi-5Sil MS 0.25(mm)
460-78044-1	S-1	06/24/2014 14:29	5	L1150891.D	Rtxi-5Sil MS 0.25(mm)
460-78044-4 DL	S-4 DL	06/24/2014 14:54	50	L1150892.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 06/24/2014 17:58

Analysis Batch Number: 232560 End Date: 06/25/2014 04:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232560/1		06/24/2014 17:58	1	L1150894.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-232560/2		06/24/2014 18:15	1	L1150895.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-232560/3		06/24/2014 18:40	1	L1150896.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 19:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 19:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 19:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 20:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 20:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 21:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 21:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 21:56	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 22:20	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 22:45	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 23:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 23:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 23:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 00:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 00:47	1		Rtxi-5Sil MS 0.25(mm)
460-78044-2	S-2	06/25/2014 01:12	2	L1150912.D	Rtxi-5Sil MS 0.25(mm)
460-78044-6	S-6	06/25/2014 01:36	2	L1150913.D	Rtxi-5Sil MS 0.25(mm)
460-78044-3	S-3	06/25/2014 02:00	5	L1150914.D	Rtxi-5Sil MS 0.25(mm)
460-77914-E-3-A MS		06/25/2014 02:25	1	L1150915.D	Rtxi-5Sil MS 0.25(mm)
460-77914-E-3-B MSD		06/25/2014 02:50	1	L1150916.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 03:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 03:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 04:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 04:28	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 06/20/2014 03:20

Analysis Batch Number: 231786 End Date: 06/20/2014 09:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-231786/1		06/20/2014 03:20	1	C05924.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-231786/2		06/20/2014 03:53	1	C05925.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/3		06/20/2014 04:57	1	C05926.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/4		06/20/2014 05:21	1	C05927.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/5		06/20/2014 05:45	1	C05928.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/6		06/20/2014 06:08	1	C05929.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/7		06/20/2014 06:32	1	C05930.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/8		06/20/2014 06:56	1	C05931.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/9		06/20/2014 07:20	1	C05932.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/10		06/20/2014 07:44	1	C05933.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/11		06/20/2014 08:08	1	C05934.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/12		06/20/2014 08:32	1	C05935.D	Rtxi-5Sil MS 0.25(mm)
IC460-231786/13		06/20/2014 08:56	1	C05936.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/14		06/20/2014 09:20	1	C05937.D	Rtxi-5Sil MS 0.25(mm)
IC 460-231786/15		06/20/2014 09:44	1	C05938.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 06/23/2014 02:30

Analysis Batch Number: 232192 End Date: 06/23/2014 14:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232192/15		06/23/2014 02:30	1	C06007.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-232192/2		06/23/2014 03:00	1	C06008.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-232192/3		06/23/2014 03:32	1	C06009.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-231898/4-A		06/23/2014 09:15	1	C06023.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-231898/5-A		06/23/2014 09:39	1	C06024.D	Rtxi-5Sil MS 0.25(mm)
460-78044-8	TWP-1	06/23/2014 10:03	1	C06025.D	Rtxi-5Sil MS 0.25(mm)
460-78044-9	TWP-4	06/23/2014 10:27	1	C06026.D	Rtxi-5Sil MS 0.25(mm)
MB 460-231898/1-A		06/23/2014 10:51	1	C06027.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-231898/2-A		06/23/2014 11:14	1	C06028.D	Rtxi-5Sil MS 0.25(mm)
460-78044-10	TWP-5	06/23/2014 12:02	1	C06030.D	Rtxi-5Sil MS 0.25(mm)
460-78044-11	TWP-7	06/23/2014 12:26	1	C06031.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-231898/3-A		06/23/2014 14:24	1	C06036.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231764 Batch Start Date: 06/19/14 20:28 Batch Analyst: Patel, Virkam N

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00009	OP_BNASurroga 00004	SM_Benzalde 00001
MB 460-231764/1		3541, 8270D		15.03 g	1 mL	121		500 uL	
LCS 460-231764/2		3541, 8270D		15.00 g	1 mL	122	500 uL	500 uL	
LCS 460-231764/3		3541, 8270D		15.04 g	1 mL	123		500 uL	50 uL
460-77914-E-3 MS		3541, 8270D	T	15.01 g	1 mL	124	500 uL	500 uL	50 uL
460-77914-E-3 MSD		3541, 8270D	T	15.01 g	1 mL	125	500 uL	500 uL	50 uL
460-78044-F-1	S-1	3541, 8270D	T	15.01 g	1 mL	89		500 uL	
460-78044-F-2	S-2	3541, 8270D	T	14.98 g	1 mL	90		500 uL	
460-78044-F-3	S-3	3541, 8270D	T	15.02 g	1 mL	79		500 uL	
460-78044-F-4	S-4	3541, 8270D	T	15.04 g	1 mL	80		500 uL	
460-78044-F-5	S-5	3541, 8270D	T	14.99 g	1 mL	81		500 uL	
460-78044-F-6	S-6	3541, 8270D	T	15.02 g	1 mL	82		500 uL	
460-78044-F-7	S-7	3541, 8270D	T	15.00 g	1 mL	83		500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270D SOIL
Person's name who did the concentration	VP
Vendor lot number	67714
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	342501
Person's name who did the prep	VP
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	20.30 pm
Uncorrected N-evap Temperature	37.0 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231764 Batch Start Date: 06/19/14 20:28 Batch Analyst: Patel, Virkam N

Batch Method: 3541 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231898 Batch Start Date: 06/20/14 13:05 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00009
MB 460-231898/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-231898/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
LCSD 460-231898/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
LCS 460-231898/4		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCSD 460-231898/5		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
460-78044-F-8	TWP-1	3510C, 8270D	T	7 SU	200 mL	2 mL	<2 SU	>12 SU	
460-78044-G-9	TWP-4	3510C, 8270D	T	8 SU	210 mL	2 mL	<2 SU	>12 SU	
460-78044-F-10	TWP-5	3510C, 8270D	T	7 SU	210 mL	2 mL	<2 SU	>12 SU	
460-78044-F-11	TWP-7	3510C, 8270D	T	8 SU	230 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00004	SM_Benzalde 00001				
MB 460-231898/1		3510C, 8270D		200 uL					
LCS 460-231898/2		3510C, 8270D		200 uL					
LCSD 460-231898/3		3510C, 8270D		200 uL					
LCS 460-231898/4		3510C, 8270D		200 uL	20 uL				
LCSD 460-231898/5		3510C, 8270D		200 uL	20 uL				
460-78044-F-8	TWP-1	3510C, 8270D	T	200 uL					
460-78044-G-9	TWP-4	3510C, 8270D	T	200 uL					
460-78044-F-10	TWP-5	3510C, 8270D	T	200 uL					
460-78044-F-11	TWP-7	3510C, 8270D	T	200 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231898 Batch Start Date: 06/20/14 13:05 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	sulfuric acid
Acid used for pH adjust Lot #	68555
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	op 968
Batch Comment	3510C_ LVI 8270D
Person's name who did the concentration	WT
N-evap #	222299
N-evap temperature	25 Celsius
Na2SO4 Lot Number	342501
Prep Solvent Lot #	73346
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 ml mL
Person's name who did the prep	WT
Uncorrected N-evap Temperature	25 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270D_SIM

Semivolatile Organic Compounds (GC/MS SIM)

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: U97046.D Lab Sample ID: MB 460-231898/1-A

Matrix: Water Date Extracted: 06/20/2014 13:06

Instrument ID: CBNAMS4 Date Analyzed: 06/24/2014 14:12

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TWP-1	460-78044-8	U97047.D	06/24/2014 14:35
TWP-4	460-78044-9	U97048.D	06/24/2014 14:57
TWP-5	460-78044-10	U97049.D	06/24/2014 15:19
TWP-7	460-78044-11	U97080.D	06/25/2014 04:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: U96980.D DFTPP Injection Date: 06/22/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 10:04

Analysis Batch No.: 232139

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.2	
68	Less than 2.0 % of mass 69	1.0	(1.7)1
69	Mass 69 relative abundance	60.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.7	
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	20.0	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	8.0	(74.5)3
442	Greater than 40.0 % of mass 198	53.6	
443	17.0 - 23.0 % of mass 442	10.7	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232139/2	U96981.D	06/22/2014	14:30
	IC 460-232139/3	U96982.D	06/22/2014	14:52
	IC 460-232139/4	U96983.D	06/22/2014	15:15
	IC 460-232139/5	U96984.D	06/22/2014	15:37
	IC 460-232139/6	U96985.D	06/22/2014	16:31
	IC 460-232139/7	U96986.D	06/22/2014	17:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: U97044.D DFTPP Injection Date: 06/24/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 12:19

Analysis Batch No.: 232519

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.7	
68	Less than 2.0 % of mass 69	0.3	(0.6)1
69	Mass 69 relative abundance	58.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.7	
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	6.9	
275	10.0 - 30.0 % of mass 198	19.7	
365	Greater than 1.0 % of mass 198	1.9	
441	Present but less than mass 443	7.4	(73.8)3
442	Greater than 40.0 % of mass 198	54.6	
443	17.0 - 23.0 % of mass 442	10.1	(18.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232519/2	U97045.D	06/24/2014	13:44
	MB 460-231898/1-A	U97046.D	06/24/2014	14:12
TWP-1	460-78044-8	U97047.D	06/24/2014	14:35
TWP-4	460-78044-9	U97048.D	06/24/2014	14:57
TWP-5	460-78044-10	U97049.D	06/24/2014	15:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab File ID: U97073.D DFTPP Injection Date: 06/25/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 01:22

Analysis Batch No.: 232632

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.2	
68	Less than 2.0 % of mass 69	0.4	(0.6)1
69	Mass 69 relative abundance	61.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.5	
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	6.5	
275	10.0 - 30.0 % of mass 198	19.7	
365	Greater than 1.0 % of mass 198	1.6	
441	Present but less than mass 443	7.6	(77.9)3
442	Greater than 40.0 % of mass 198	52.6	
443	17.0 - 23.0 % of mass 442	9.8	(18.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-232632/2	U97074.D	06/25/2014	01:45
TWP-7	460-78044-11	U97080.D	06/25/2014	04:06

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232519/2 Date Analyzed: 06/24/2014 13:44

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U97045.D Heated Purge: (Y/N) N

Calibration ID: 40285

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19643	4.41	29298	5.70	15936	7.44
UPPER LIMIT		39286	4.91	58596	6.20	31872	7.94
LOWER LIMIT		9822	3.91	14649	5.20	7968	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-231898/1-A		17658	4.42	29571	5.70	17340	7.45
460-78044-8	TWP-1	15888	4.40	27525	5.68	11616	7.43
460-78044-9	TWP-4	18054	4.40	29782	5.68	11894	7.43
460-78044-10	TWP-5	18069	4.40	31240	5.68	13616	7.44

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D SIM

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232519/2 Date Analyzed: 06/24/2014 13:44

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U97045.D Heated Purge: (Y/N) N

Calibration ID: 40285

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31693	8.91	14021	11.69	13897	13.63
UPPER LIMIT		63386	9.41	28042	12.19	27794	14.13
LOWER LIMIT		15847	8.41	7011	11.19	6949	13.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-231898/1-A		32246	8.92	15189	11.70	16315	13.64
460-78044-8	TWP-1	23433	8.91	9874	11.69	11073	13.63
460-78044-9	TWP-4	23814	8.91	10263	11.69	10877	13.63
460-78044-10	TWP-5	24945	8.90	11237	11.69	12037	13.62

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D SIM

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232632/2 Date Analyzed: 06/25/2014 01:45

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U97074.D Heated Purge: (Y/N) N

Calibration ID: 40285

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23915	4.41	41530	5.69	17367	7.44
UPPER LIMIT		47830	4.91	83060	6.19	34734	7.94
LOWER LIMIT		11958	3.91	20765	5.19	8684	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-78044-11	TWP-7	16984	4.40	26137	5.69	12856	7.44

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D SIM

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

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVIS 460-232632/2 Date Analyzed: 06/25/2014 01:45

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U97074.D Heated Purge: (Y/N) N

Calibration ID: 40285

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34241	8.91	15384	11.70	14952	13.64
UPPER LIMIT		68482	9.41	30768	12.20	29904	14.14
LOWER LIMIT		17121	8.41	7692	11.20	7476	13.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-78044-11	TWP-7	25237	8.91	10910	11.70	11602	13.63

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D SIM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 | Lab Sample ID: 460-78044-8

Matrix: Water | Lab File ID: U97047.D

Analysis Method: 8270D SIM | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 200(mL) | Date Analyzed: 06/24/2014 14:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232519 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	2.3		0.063	0.044
50-32-8	Benzo[a]pyrene	2.6		0.063	0.059
205-99-2	Benzo[b]fluoranthene	1.8		0.063	0.037
87-86-5	Pentachlorophenol	0.18	U	0.25	0.18
118-74-1	Hexachlorobenzene	0.0081	U	0.025	0.0081

Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D
Lims ID: 460-78044-F-8-A Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 24-Jun-2014 14:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-004
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 20:05:20 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 24-Jun-2014 20:01:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 3 1,4-Dichlorobenzene-d4	152	4.397	4.412	-0.015	98	15888	0.2000	
* 4 Naphthalene-d8	136	5.681	5.696	-0.015	100	27525	0.2000	
* 8 Acenaphthene-d10	164	7.432	7.440	-0.008	99	11616	0.2000	
* 13 Phenanthrene-d10	188	8.909	8.906	0.003	100	23433	0.2000	
18 Benzo[a]anthracene	228	11.678	11.683	-0.005	12	32284	0.2311	
* 19 Chrysene-d12	240	11.689	11.694	-0.005	65	9874	0.2000	
21 Benzo[b]fluoranthene	252	13.103	13.110	-0.007	98	27063	0.1756	M
23 Benzo[a]pyrene	252	13.547	13.554	-0.007	98	34795	0.2563	
* 24 Perylene-d12	264	13.630	13.628	0.002	100	11073	0.2000	

QC Flag Legend

Review Flags
M - Manually Integrated

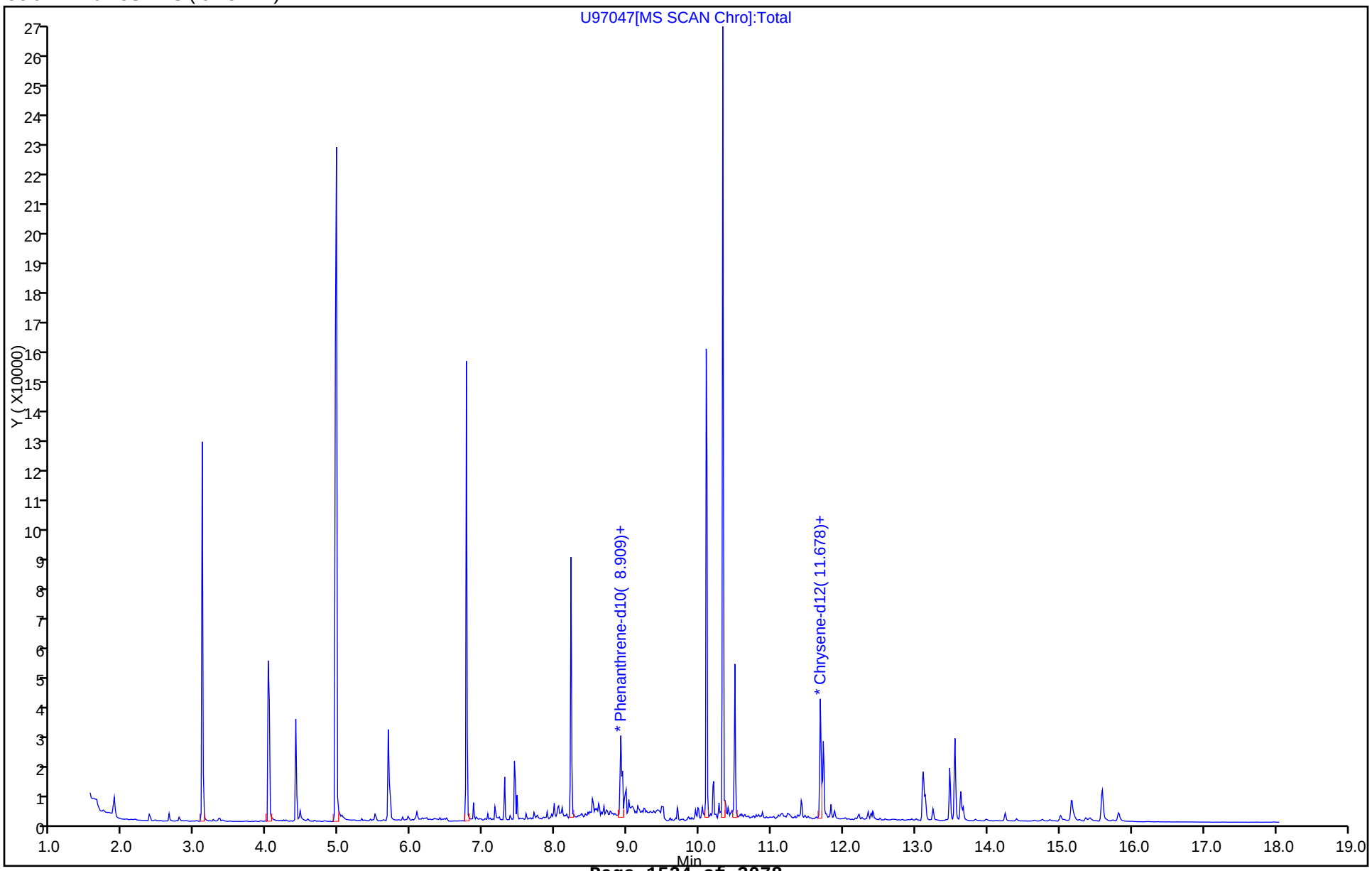
Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D

Injection Date:	24-Jun-2014 14:35:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8	Worklist Smp#:	4
Client ID:	TWP-1				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



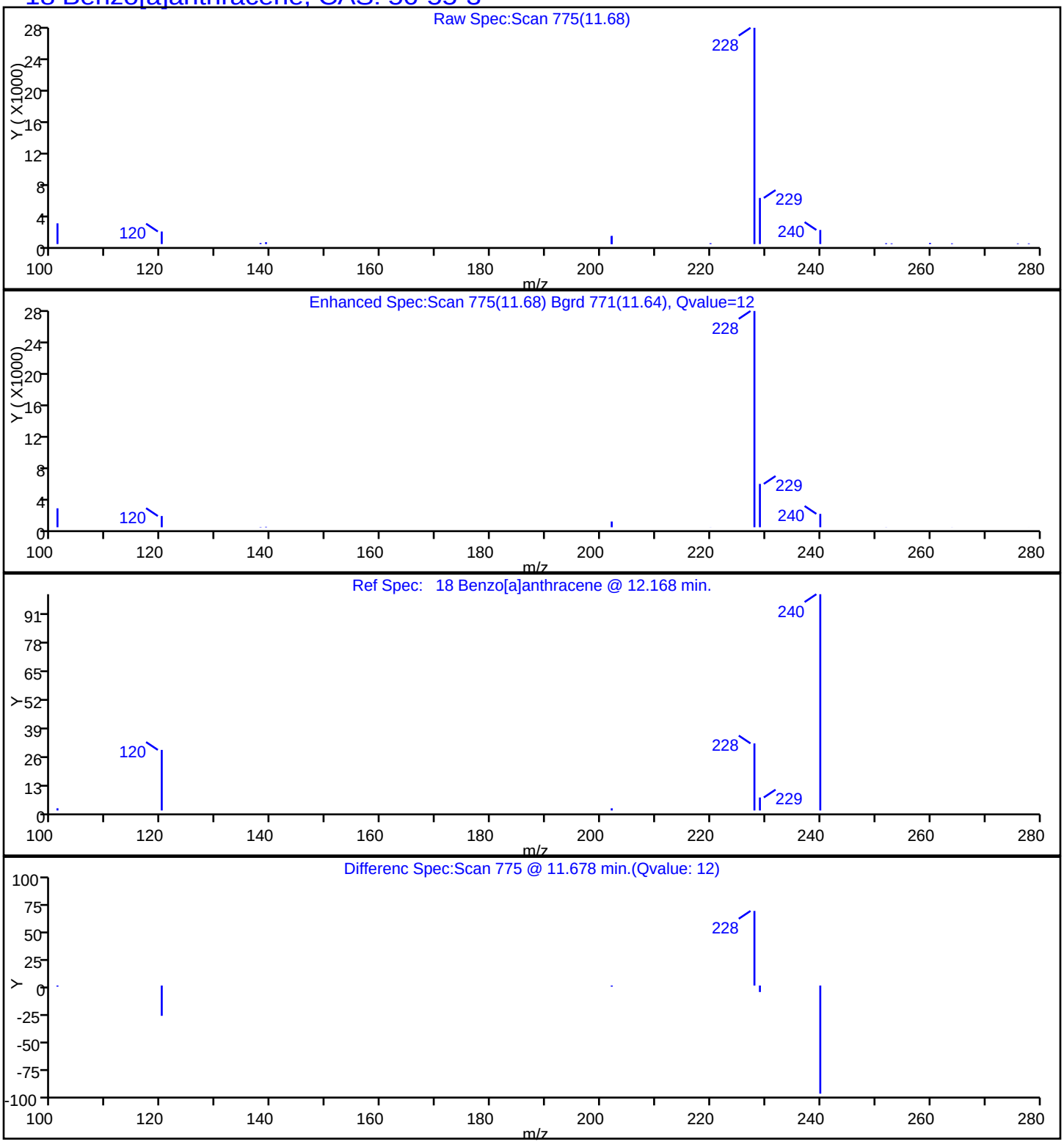
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D

Injection Date:	24-Jun-2014 14:35:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Benzo[a]anthracene, CAS: 56-55-3



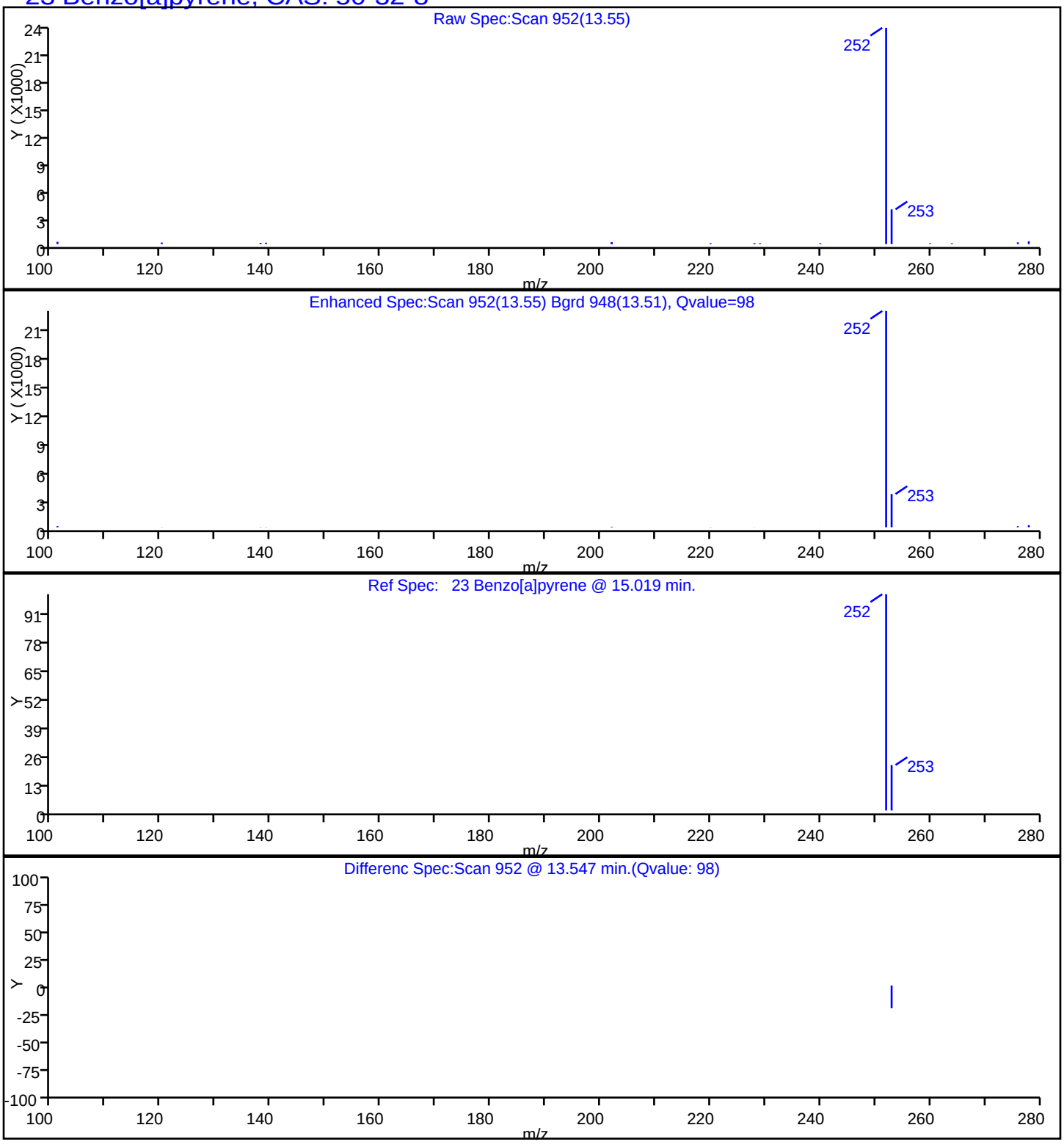
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D

Injection Date:	24-Jun-2014 14:35:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 Benzo[a]pyrene, CAS: 50-32-8

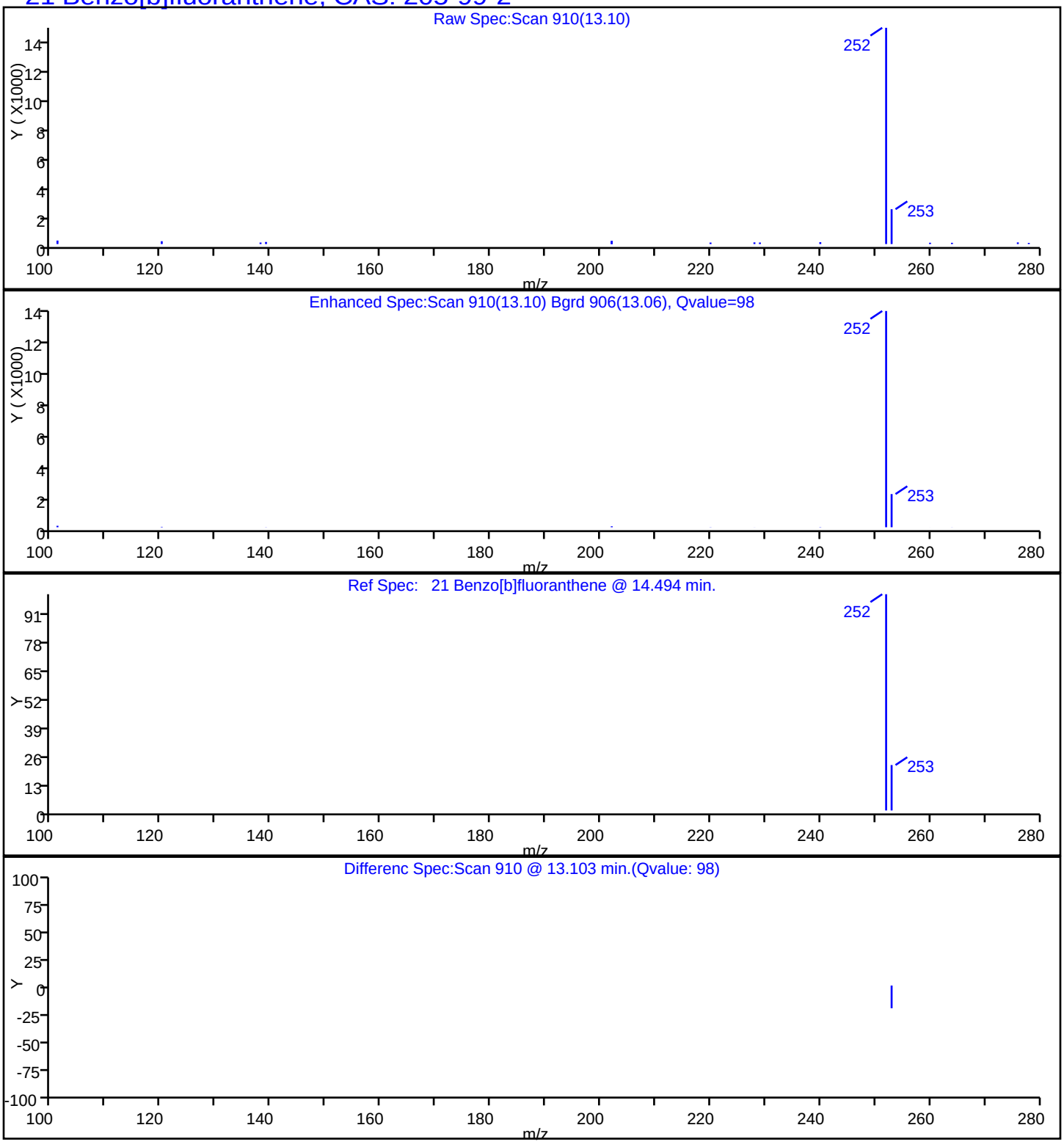


Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D				
Injection Date:	24-Jun-2014 14:35:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2



Manual Integration/User Assign Peak Report

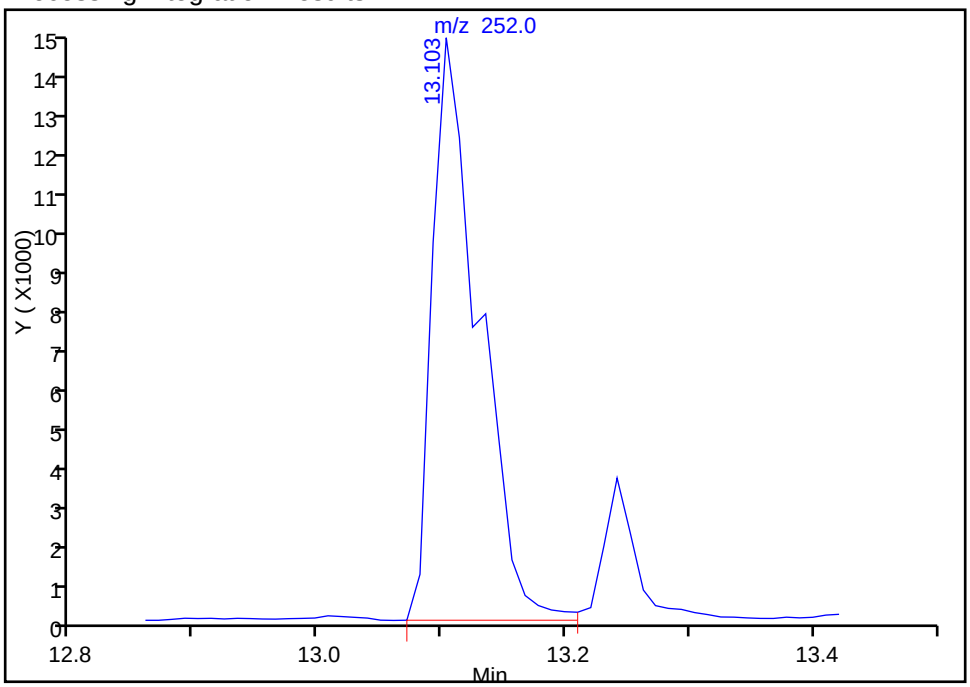
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97047.D				
Injection Date:	24-Jun-2014 14:35:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2

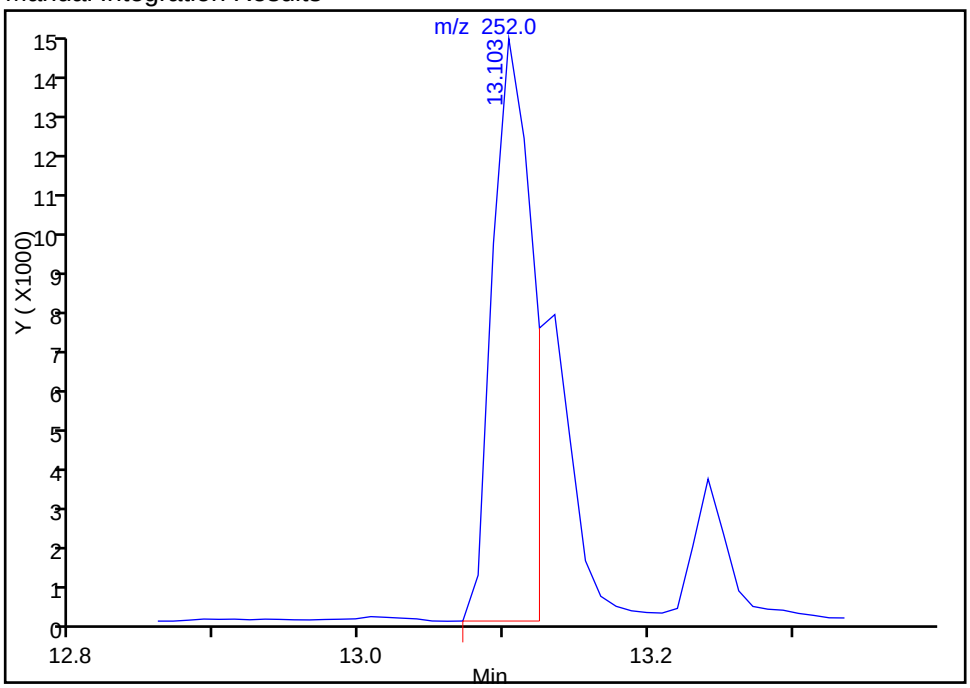
Processing Integration Results

RT: 13.10
Response: 36388
Amount: 0.236125



Manual Integration Results

RT: 13.10
Response: 27063
Amount: 0.175614



Reviewer: bayoumiw, 24-Jun-2014 20:01:35
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 | Lab Sample ID: 460-78044-9

Matrix: Water | Lab File ID: U97048.D

Analysis Method: 8270D SIM | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/24/2014 14:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232519 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.9		0.060	0.042
50-32-8	Benzo[a]pyrene	1.4		0.060	0.057
205-99-2	Benzo[b]fluoranthene	2.0		0.060	0.036
87-86-5	Pentachlorophenol	0.17	U	0.24	0.17
118-74-1	Hexachlorobenzene	0.0077	U	0.024	0.0077

Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97048.D
Lims ID: 460-78044-G-9-A Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 24-Jun-2014 14:57:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-005
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 20:05:20 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 24-Jun-2014 20:01:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 3 1,4-Dichlorobenzene-d4	152	4.400	4.412	-0.012	98	18054	0.2000	
* 4 Naphthalene-d8	136	5.681	5.696	-0.015	99	29782	0.2000	
* 8 Acenaphthene-d10	164	7.431	7.440	-0.009	96	11894	0.2000	
* 13 Phenanthrene-d10	188	8.907	8.906	0.000	100	23814	0.2000	
18 Benzo[a]anthracene	228	11.680	11.683	-0.003	19	28508	0.1964	
* 19 Chrysene-d12	240	11.691	11.694	-0.003	82	10263	0.2000	
21 Benzo[b]fluoranthene	252	13.099	13.110	-0.011	98	31461	0.2078	
23 Benzo[a]pyrene	252	13.545	13.554	-0.009	98	19755	0.1481	
* 24 Perylene-d12	264	13.625	13.628	-0.003	100	10877	0.2000	

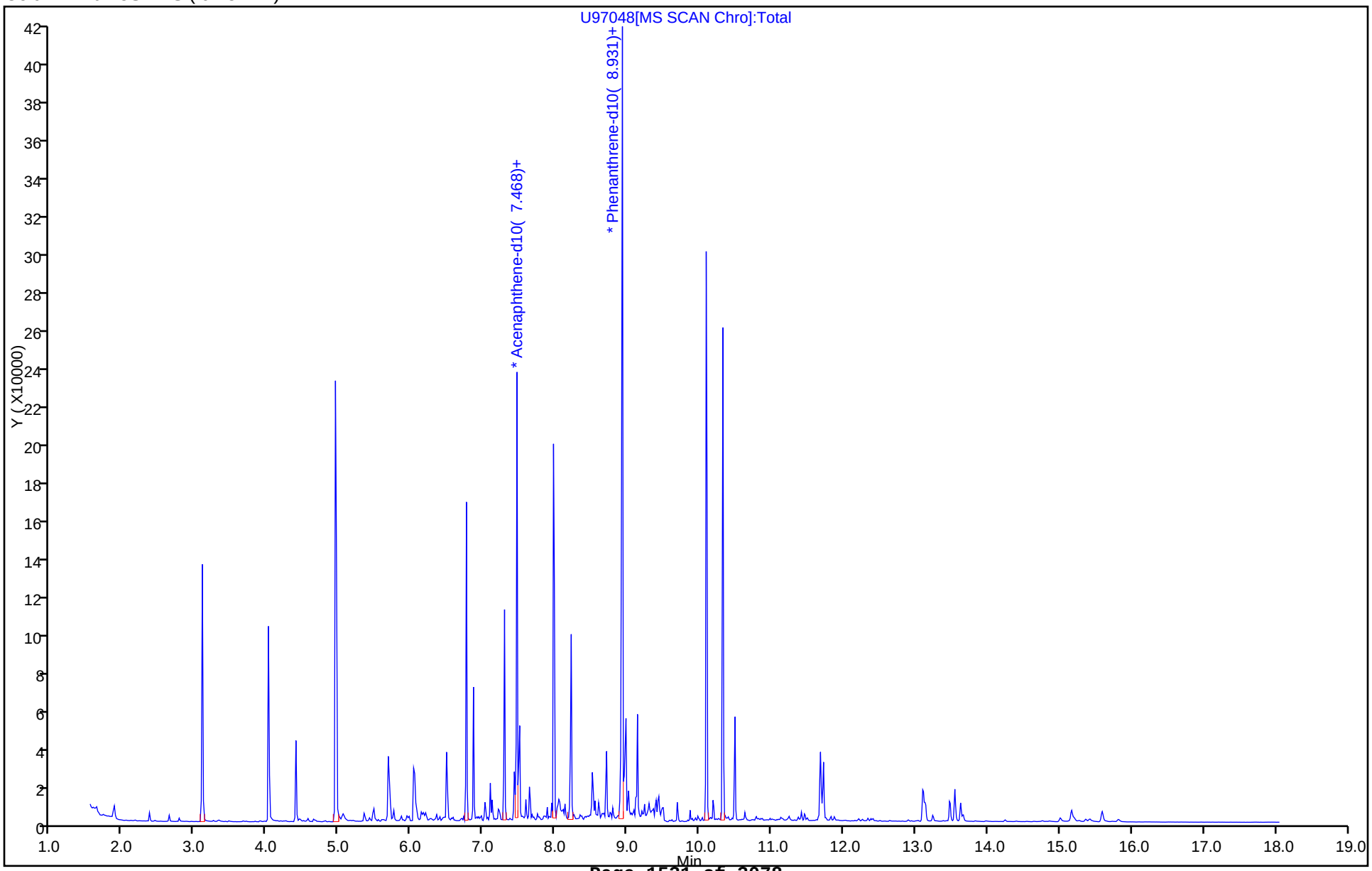
Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97048.D

Injection Date:	24-Jun-2014 14:57:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9	Worklist Smp#:	5
Client ID:	TWP-4				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



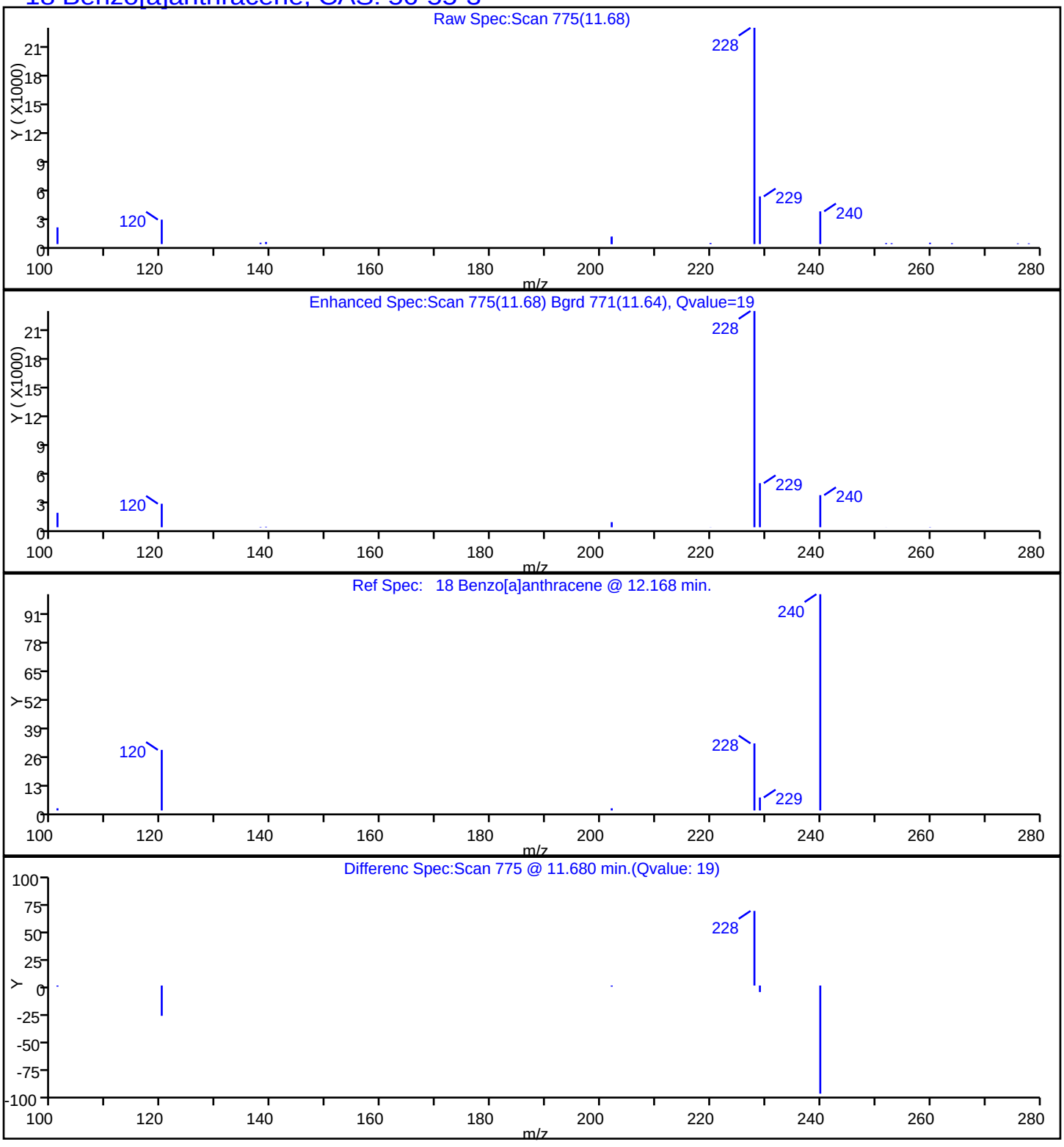
Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97048.D

Injection Date:	24-Jun-2014 14:57:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Benzo[a]anthracene, CAS: 56-55-3

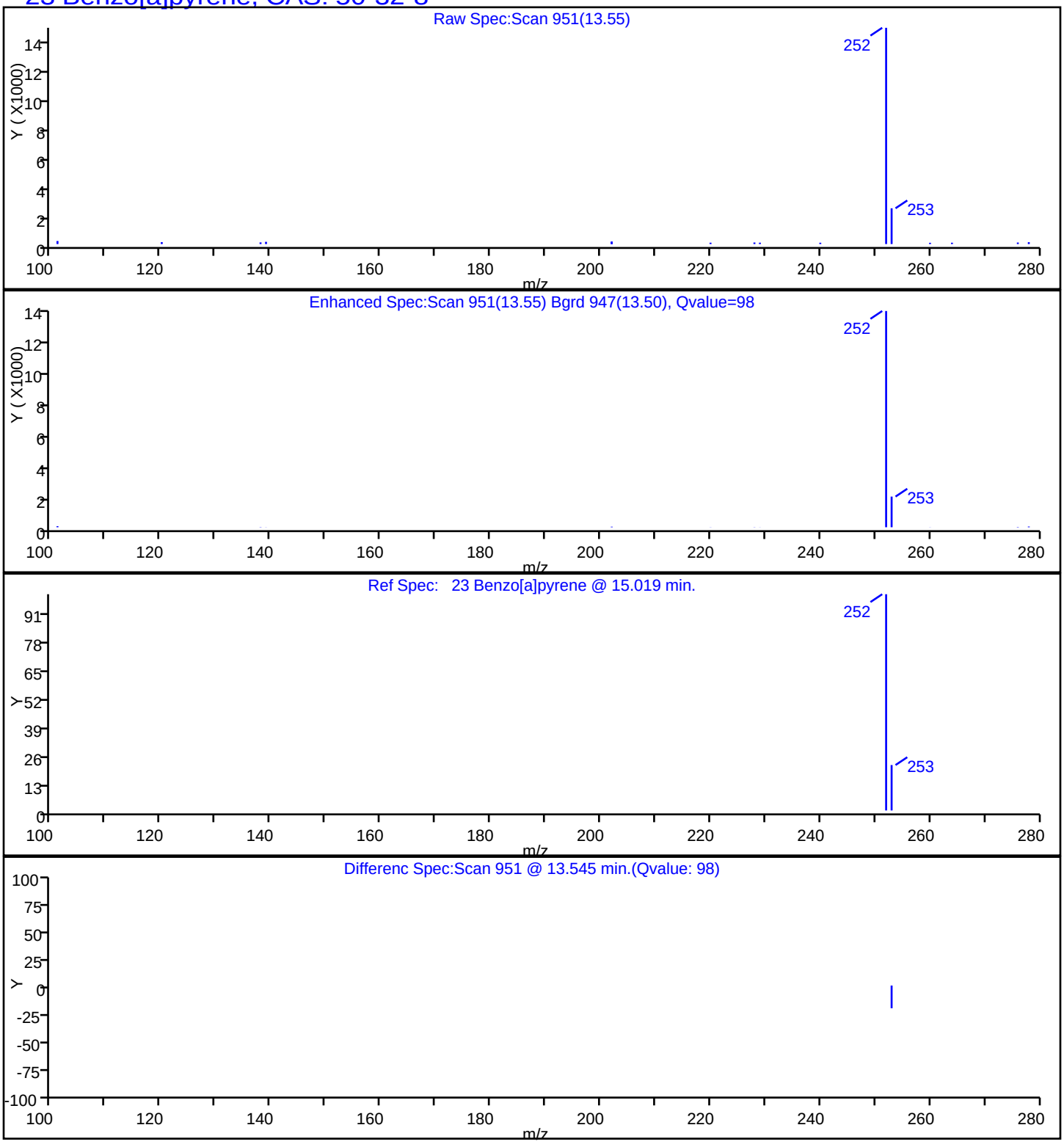


Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97048.D				
Injection Date:	24-Jun-2014 14:57:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 Benzo[a]pyrene, CAS: 50-32-8

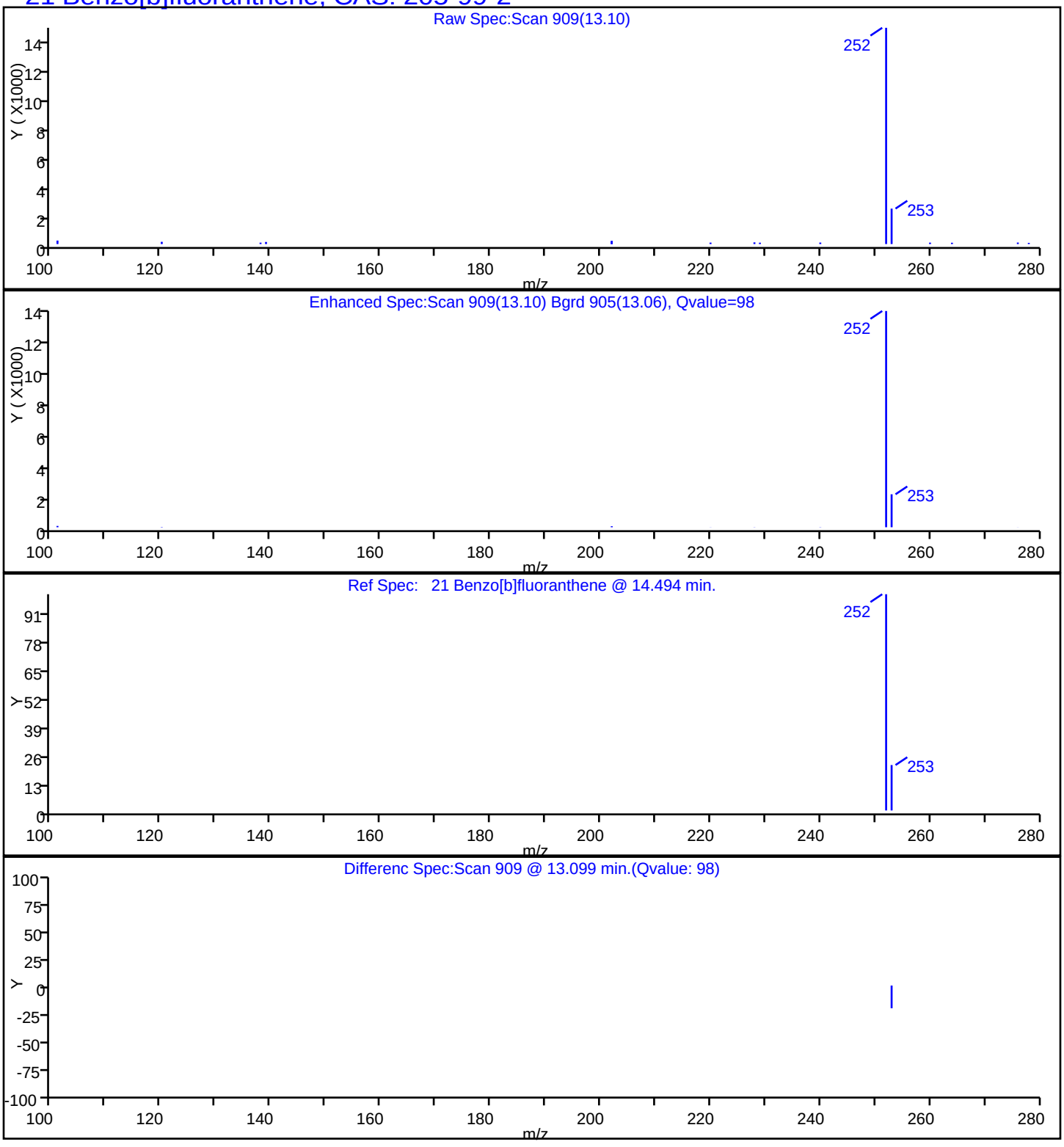


Report Date: 24-Jun-2014 20:05:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97048.D				
Injection Date:	24-Jun-2014 14:57:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-G-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: U97049.D

Analysis Method: 8270D SIM | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 210(mL) | Date Analyzed: 06/24/2014 15:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232519 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.3		0.060	0.042
50-32-8	Benzo[a]pyrene	1.3		0.060	0.057
205-99-2	Benzo[b]fluoranthene	1.5		0.060	0.036
87-86-5	Pentachlorophenol	0.17	U	0.24	0.17
118-74-1	Hexachlorobenzene	0.0077	U	0.024	0.0077

Report Date: 24-Jun-2014 20:05:25 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D
Lims ID: 460-78044-F-10-A Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 24-Jun-2014 15:19:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-006
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 20:05:20 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 24-Jun-2014 20:02:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 3 1,4-Dichlorobenzene-d4	152	4.398	4.412	-0.014	99	18069	0.2000	
* 4 Naphthalene-d8	136	5.681	5.696	-0.015	97	31240	0.2000	
* 8 Acenaphthene-d10	164	7.435	7.440	-0.005	98	13616	0.2000	
* 13 Phenanthrene-d10	188	8.901	8.906	-0.005	99	24945	0.2000	
18 Benzo[a]anthracene	228	11.675	11.683	-0.008	12	22027	0.1386	
* 19 Chrysene-d12	240	11.686	11.694	-0.008	61	11237	0.2000	
21 Benzo[b]fluoranthene	252	13.105	13.110	-0.005	98	26873	0.1604	M
23 Benzo[a]pyrene	252	13.547	13.554	-0.007	98	19486	0.1320	
* 24 Perylene-d12	264	13.621	13.628	-0.007	100	12037	0.2000	

QC Flag Legend

Review Flags
M - Manually Integrated

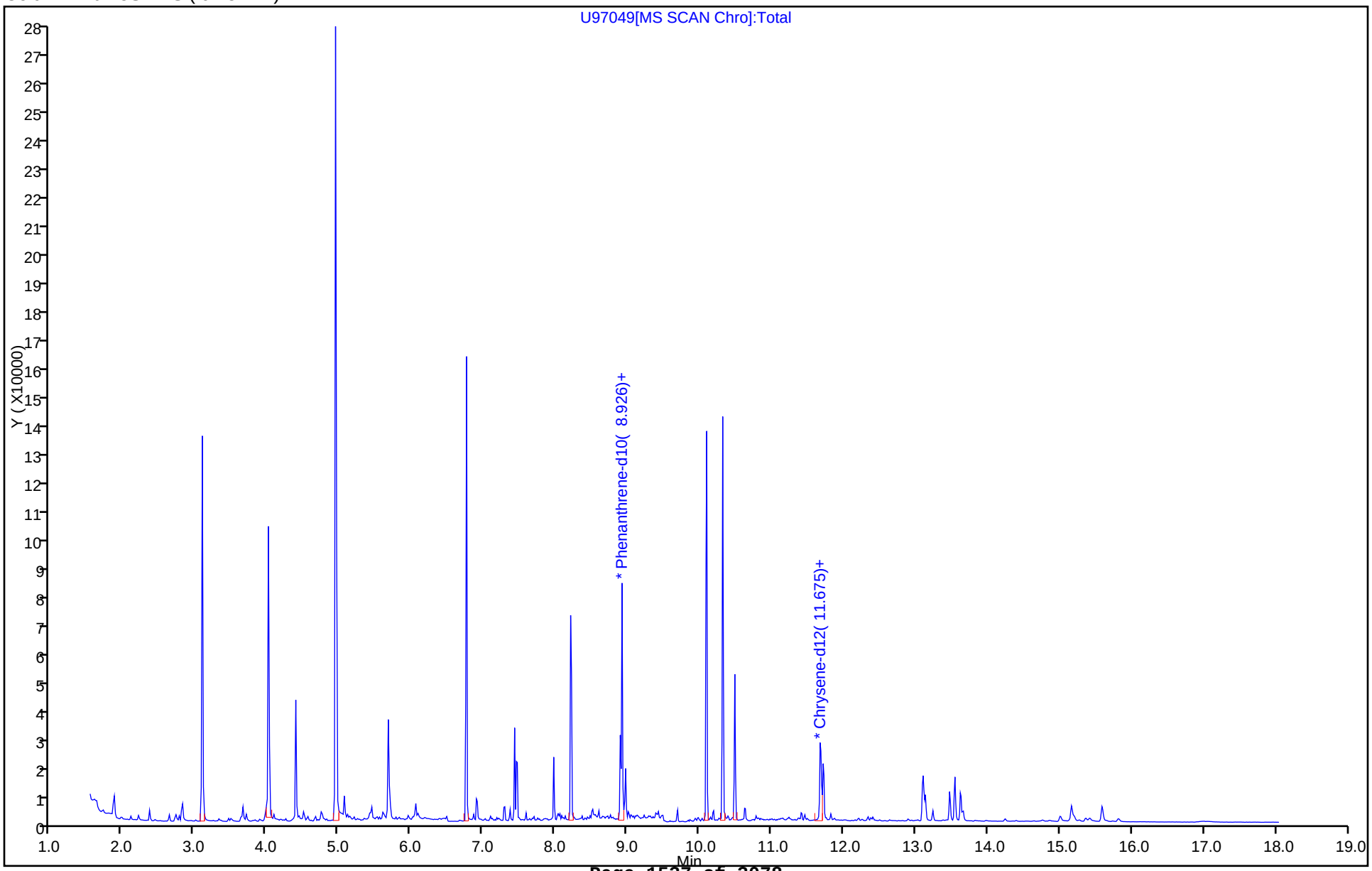
Report Date: 24-Jun-2014 20:05:25 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D

Injection Date:	24-Jun-2014 15:19:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10	Worklist Smp#:	6
Client ID:	TWP-5				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



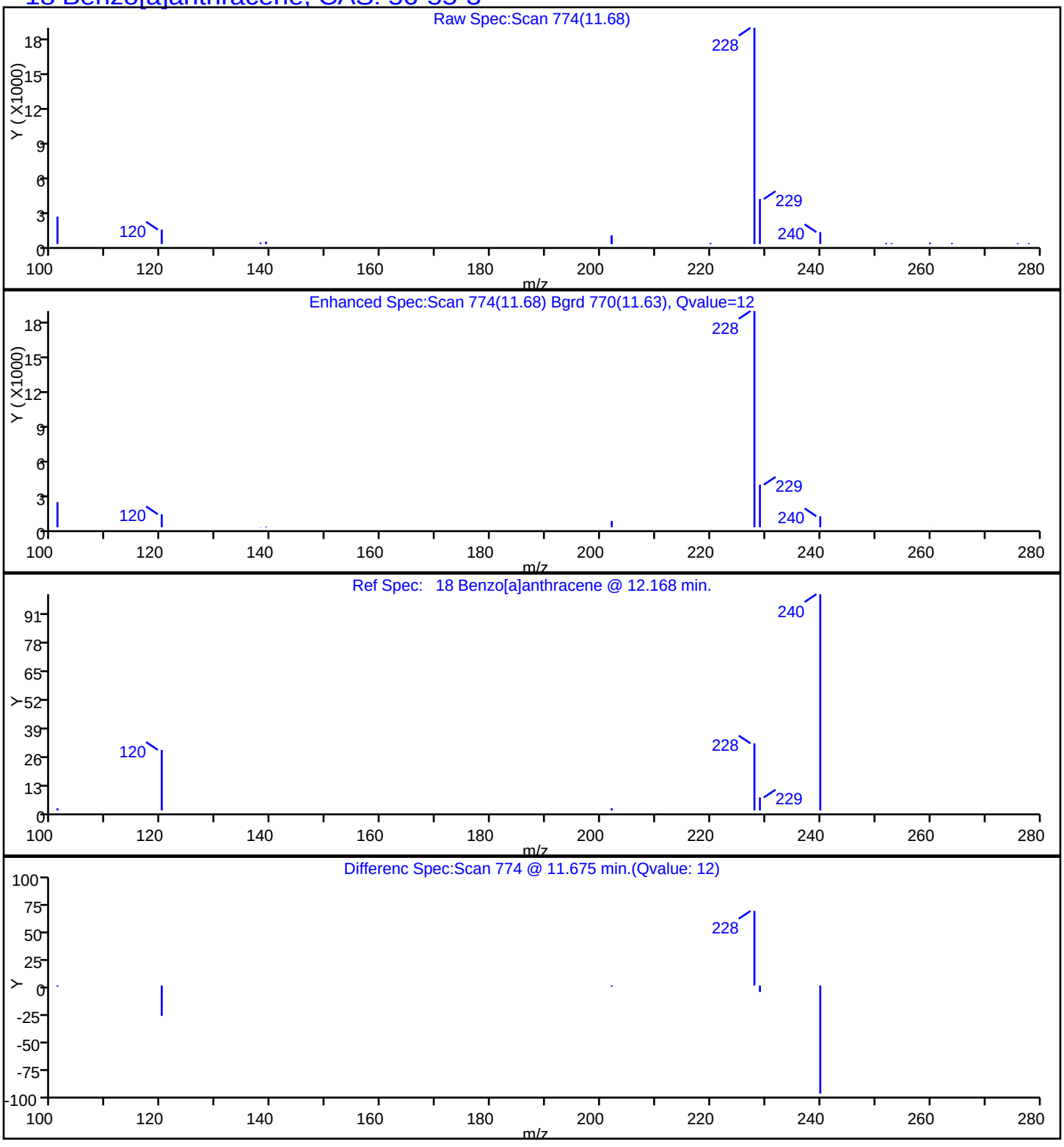
Report Date: 24-Jun-2014 20:05:25 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D

Injection Date:	24-Jun-2014 15:19:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Benzo[a]anthracene, CAS: 56-55-3

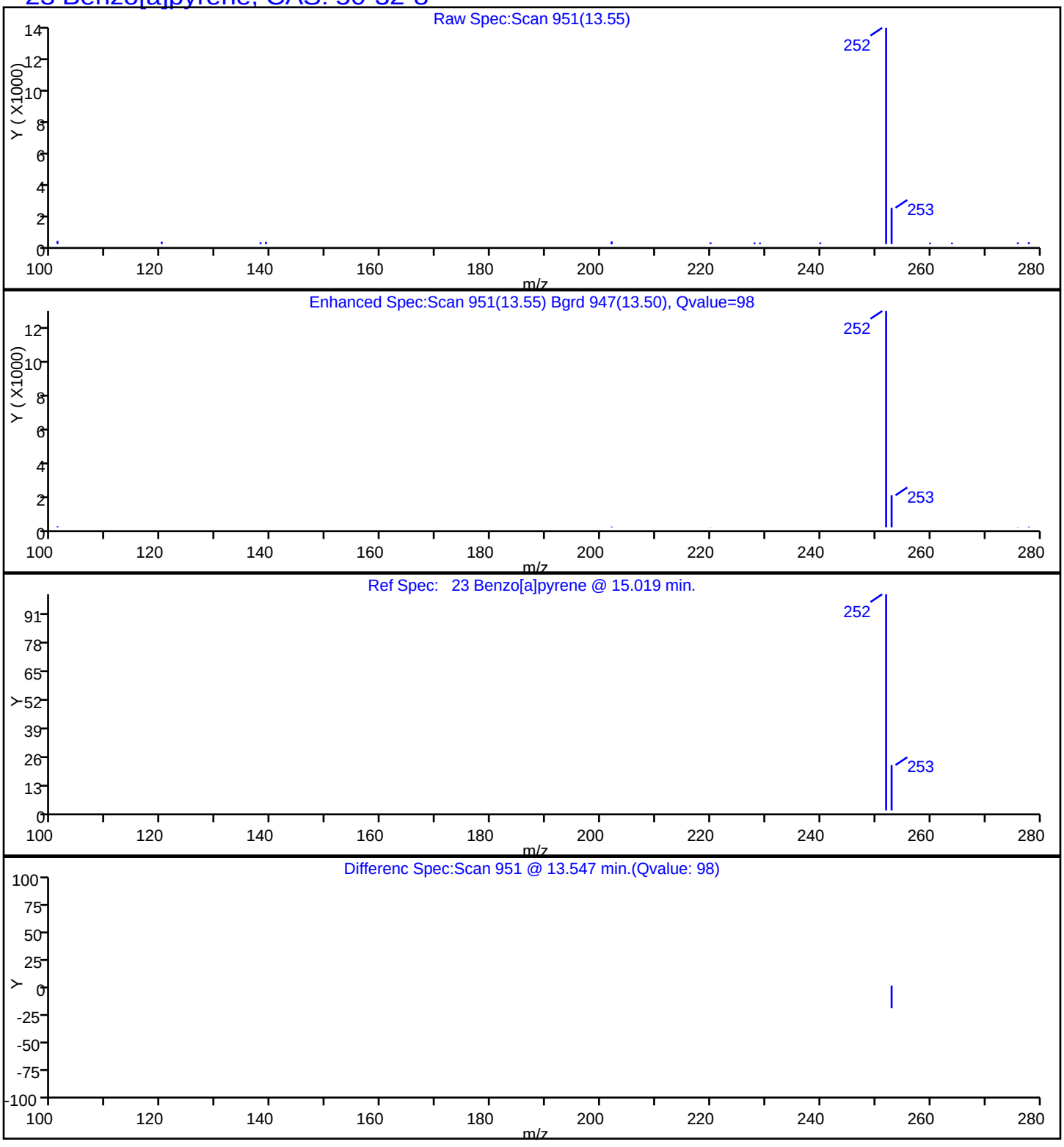


Report Date: 24-Jun-2014 20:05:25 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D				
Injection Date:	24-Jun-2014 15:19:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 Benzo[a]pyrene, CAS: 50-32-8



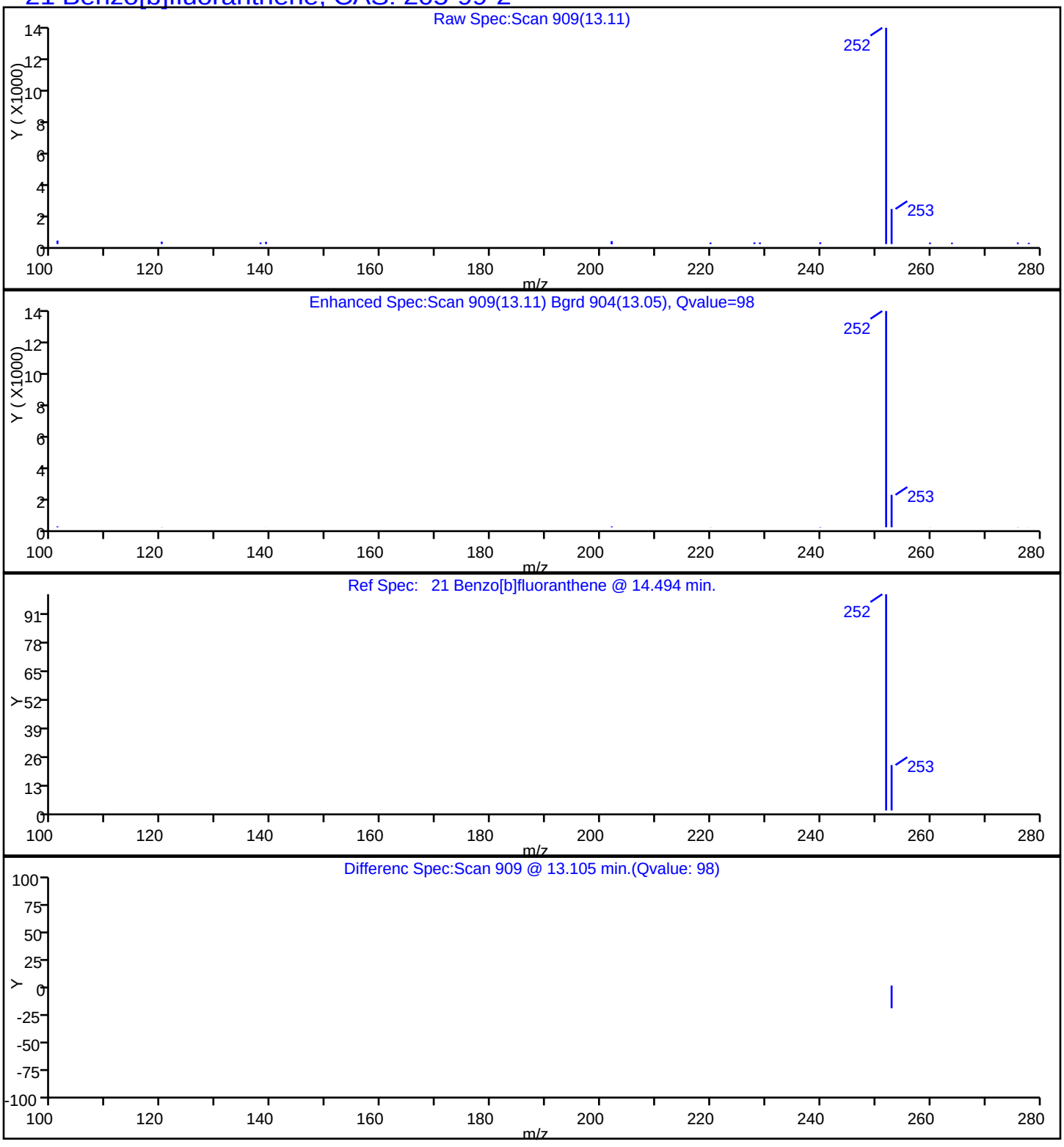
Report Date: 24-Jun-2014 20:05:25 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D

Injection Date:	24-Jun-2014 15:19:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2



Manual Integration/User Assign Peak Report

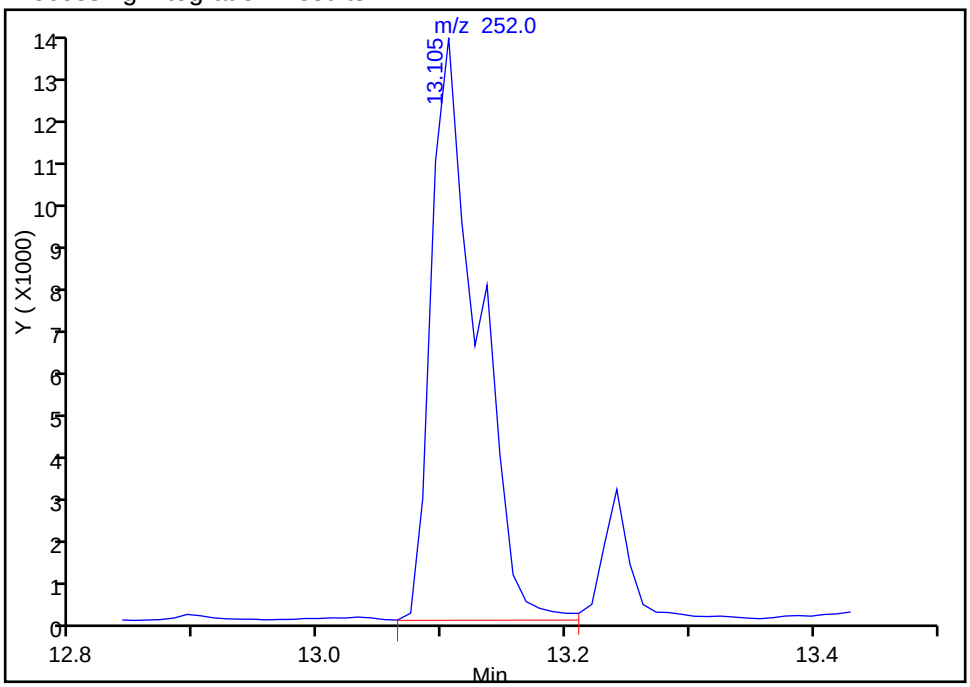
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97049.D				
Injection Date:	24-Jun-2014 15:19:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2

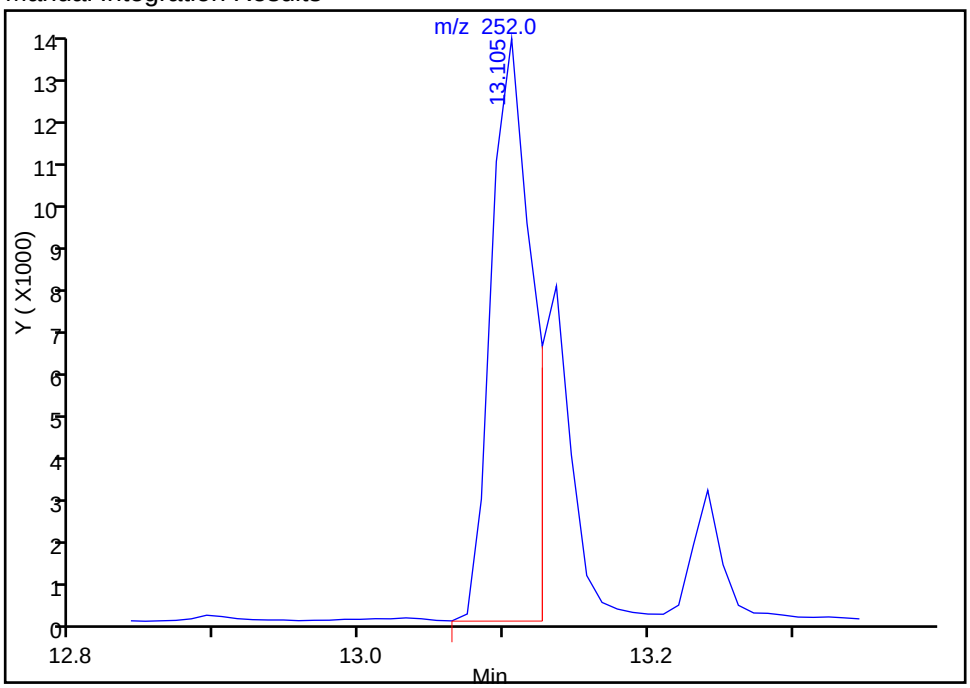
Processing Integration Results

RT: 13.11
Response: 35685
Amount: 0.213018



Manual Integration Results

RT: 13.11
Response: 26873
Amount: 0.160416



Reviewer: bayoumiw, 24-Jun-2014 20:02:28
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 | Lab Sample ID: 460-78044-11

Matrix: Water | Lab File ID: U97080.D

Analysis Method: 8270D SIM | Date Collected: 06/18/2014 00:00

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 230(mL) | Date Analyzed: 06/25/2014 04:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232632 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.19		0.054	0.038
50-32-8	Benzo[a]pyrene	0.13		0.054	0.052
205-99-2	Benzo[b]fluoranthene	0.16		0.054	0.033
87-86-5	Pentachlorophenol	0.15	U	0.22	0.15
118-74-1	Hexachlorobenzene	0.0071	U	0.022	0.0071

Report Date: 25-Jun-2014 09:47:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D
Lims ID: 460-78044-F-11-A Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 25-Jun-2014 04:06:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014984-008
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 25-Jun-2014 09:45:56 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: zhaoc Date: 25-Jun-2014 08:36:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 3 1,4-Dichlorobenzene-d4	152	4.401	4.406	-0.005	98	16984	0.2000	
* 4 Naphthalene-d8	136	5.687	5.691	-0.004	85	26137	0.2000	
* 8 Acenaphthene-d10	164	7.439	7.441	-0.002	96	12856	0.2000	
* 13 Phenanthrene-d10	188	8.906	8.910	-0.004	100	25237	0.2000	
18 Benzo[a]anthracene	228	11.675	11.691	-0.016	30	3375	0.0219	
* 19 Chrysene-d12	240	11.696	11.701	-0.005	90	10910	0.2000	
21 Benzo[b]fluoranthene	252	13.102	13.108	-0.006	98	2981	0.0185	M
23 Benzo[a]pyrene	252	13.546	13.554	-0.008	98	2184	0.0154	
* 24 Perylene-d12	264	13.630	13.639	-0.009	100	11602	0.2000	

QC Flag Legend

Review Flags
M - Manually Integrated

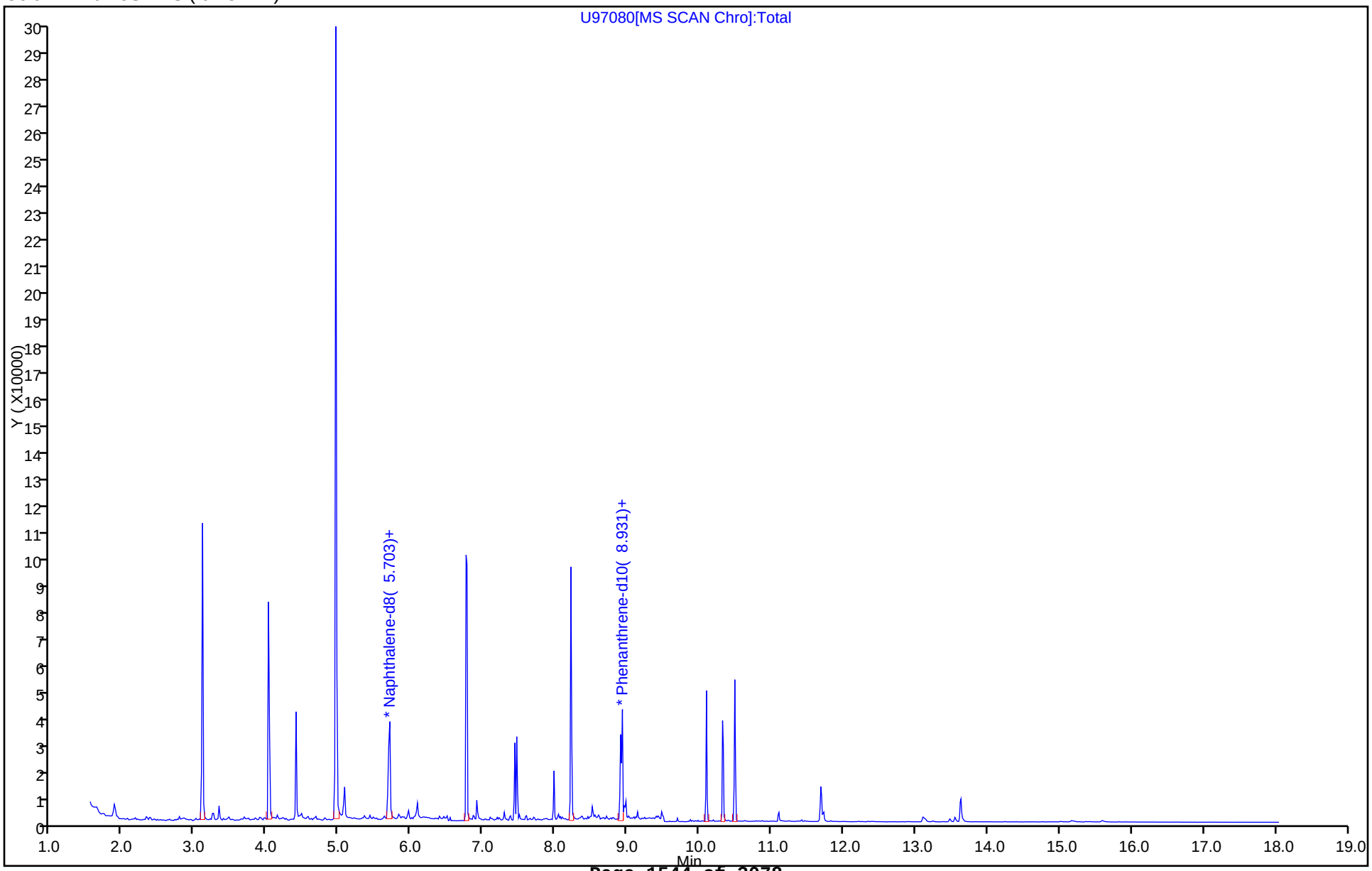
Report Date: 25-Jun-2014 09:47:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D

Injection Date:	25-Jun-2014 04:06:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11	Worklist Smp#:	8
Client ID:	TWP-7				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

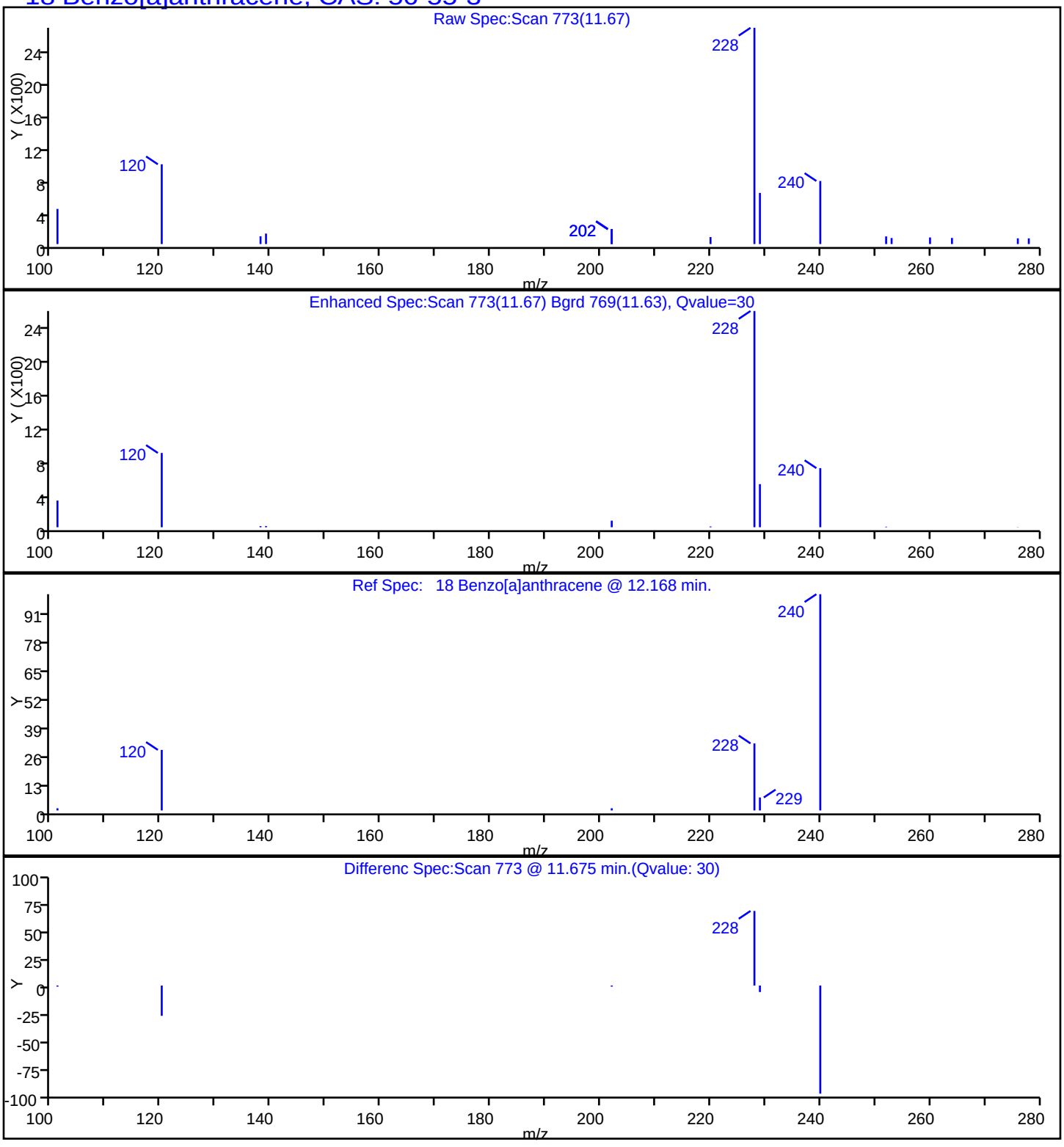


Report Date: 25-Jun-2014 09:47:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D				
Injection Date:	25-Jun-2014 04:06:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Benzo[a]anthracene, CAS: 56-55-3

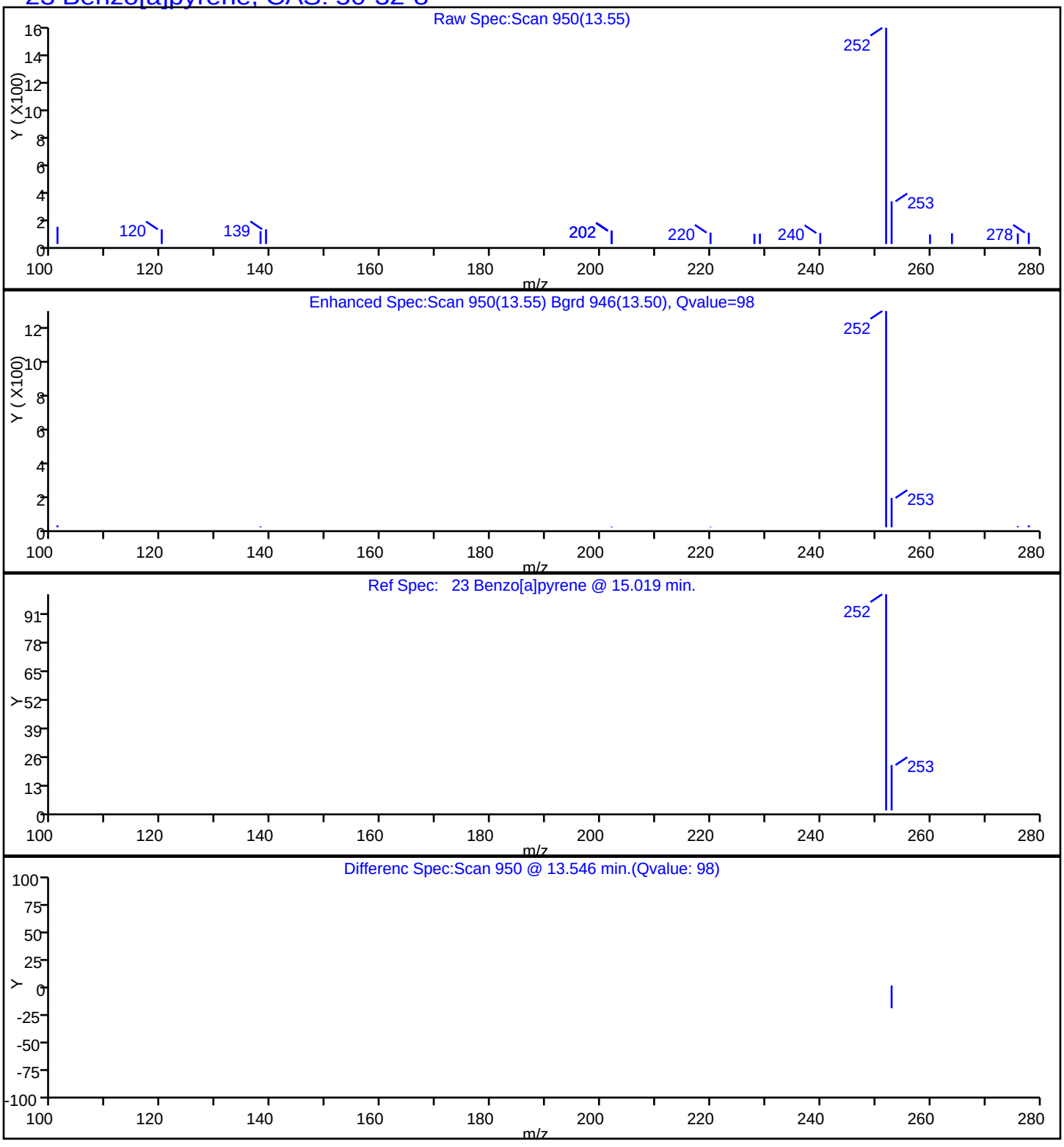


Report Date: 25-Jun-2014 09:47:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D				
Injection Date:	25-Jun-2014 04:06:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 Benzo[a]pyrene, CAS: 50-32-8

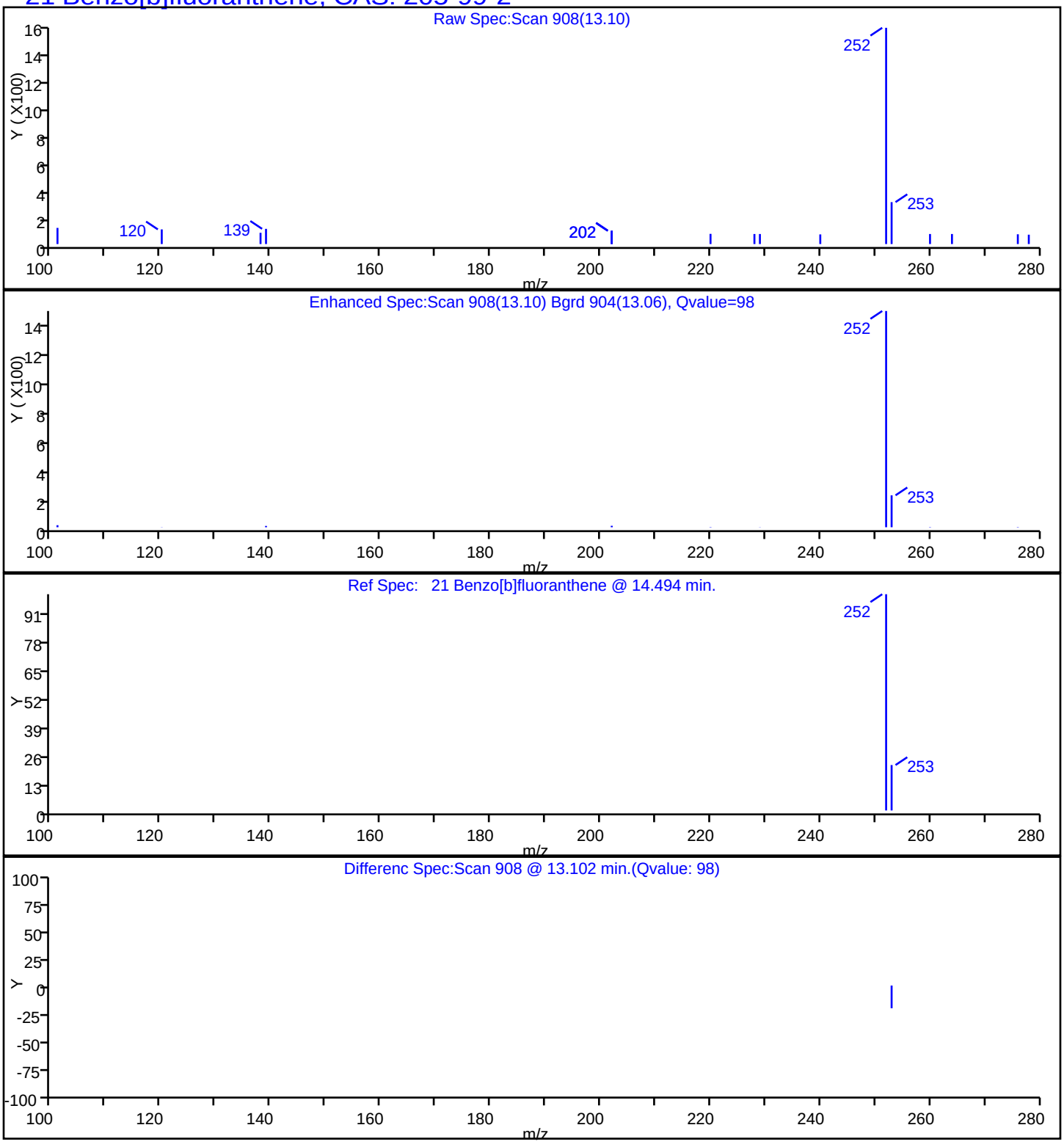


Report Date: 25-Jun-2014 09:47:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D				
Injection Date:	25-Jun-2014 04:06:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2



Manual Integration/User Assign Peak Report

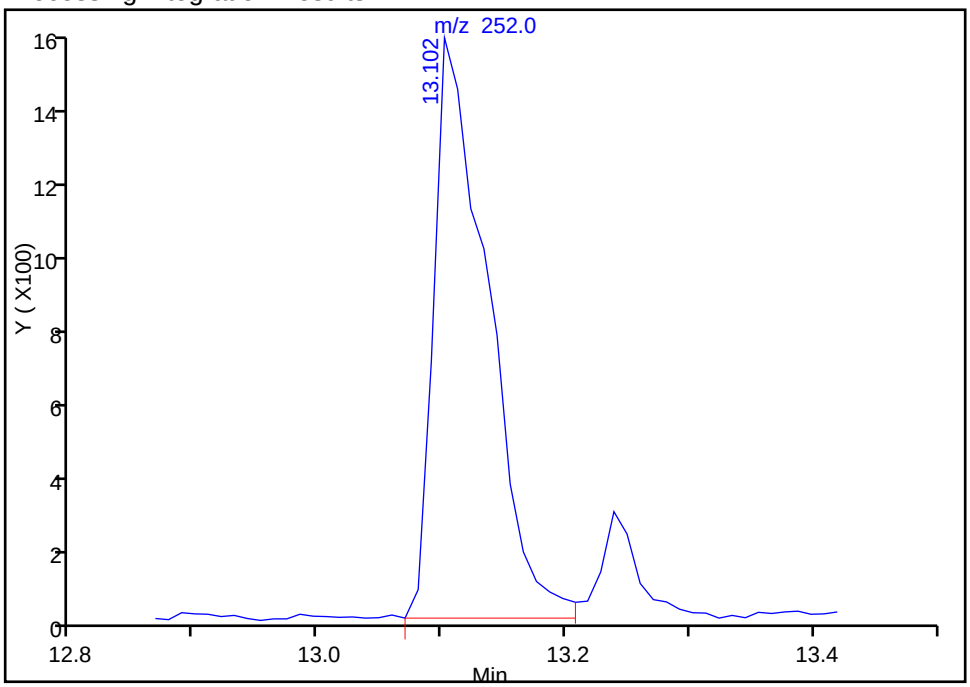
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97080.D				
Injection Date:	25-Jun-2014 04:06:30	Instrument ID:	CBNAMS4		
Lims ID:	460-78044-F-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Benzo[b]fluoranthene, CAS: 205-99-2

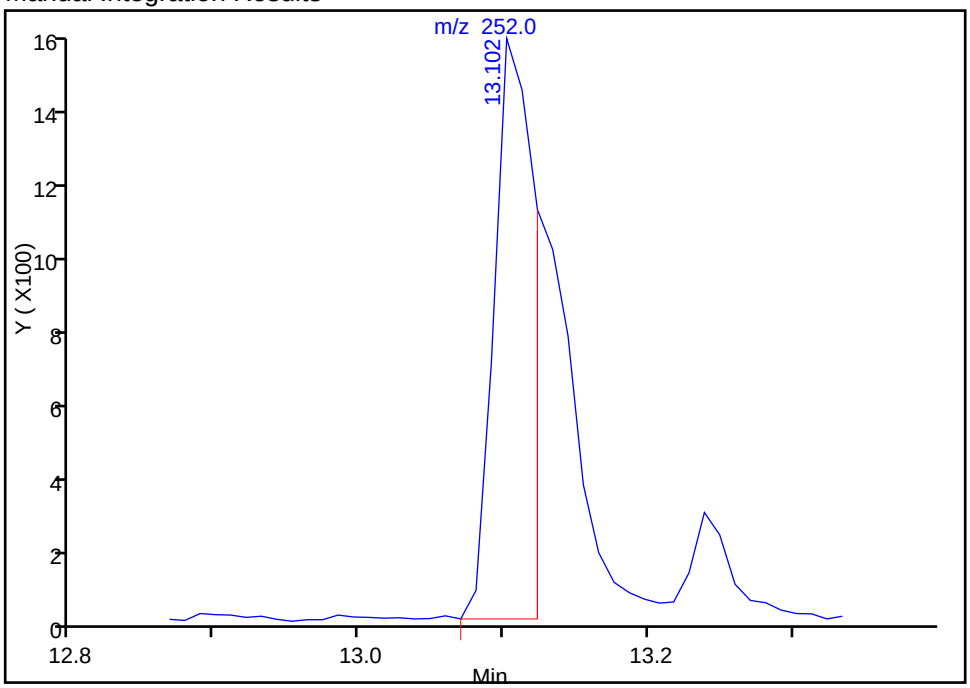
Processing Integration Results

RT: 13.10
Response: 4540
Amount: 0.028117



Manual Integration Results

RT: 13.10
Response: 2981
Amount: 0.018462



Reviewer: bayoumiw, 25-Jun-2014 09:45:56
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232139

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 14:30 Calibration End Date: 06/22/2014 17:03 Calibration ID: 40285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232139/7	U96986.D
Level 2	IC 460-232139/6	U96985.D
Level 3	ICIS 460-232139/2	U96981.D
Level 4	IC 460-232139/5	U96984.D
Level 5	IC 460-232139/4	U96983.D
Level 6	IC 460-232139/3	U96982.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								
N-Nitrosodimethylamine	0.6792 0.8031	0.8277	0.8189	0.9113	0.9292	Ave		0.8282			0.0100	11.0		20.0			
Bis(2-chloroethyl)ether	1.2698 1.3217	1.2476	1.3948	1.2761	1.3366	Ave		1.3078			0.7000	4.1		20.0			
Naphthalene	3.2018 2.0299	2.8643	2.2878	2.1988	2.1657	Ave		2.4581			0.7000	19.0		20.0			
Acenaphthylene	6.4920 4.2055	5.2570	4.5089	4.1853	4.0485	Ave		4.7829			0.9000	20.0		20.0			
Acenaphthene	3.3477 2.2055	2.7616	2.2436	2.3102	2.2675	Ave		2.5227			0.9000	18.0		20.0			
Fluorene	3.6684 2.4003	3.1853	2.7790	2.3746	2.6215	Ave		2.8382			0.9000	18.0		20.0			
4,6-Dinitro-2-methylphenol	0.0231 0.1695	0.0288	0.0769	0.0649	0.1056	Qua	0	0.0425	0.0635		0.0100				1.0000		0.9900
Hexachlorobenzene	1.1058 0.9144	1.0025	0.9043	0.9531	0.9258	Ave		0.9676			0.1000	7.9		20.0			
Pentachlorophenol	0.2564 0.3706	0.2156	0.2086	0.1741	0.2425	Qua	0.0025	0.1393	0.2290		0.0500				1.0000		0.9900
Phenanthrene	2.2305 1.5610	2.0841	1.7701	1.5134	1.4084	Ave		1.7613			0.7000	19.0		20.0			
Anthracene	2.1858 1.5233	1.8527	1.7730	1.4724	1.3952	Ave		1.7004			0.7000	17.0		20.0			
Fluoranthene	5.1392 3.4300	4.6036	3.9367	3.3487	3.2620	Ave		3.9534			0.6000	19.0		20.0			
Pyrene	13.565 8.2713	11.025	9.5133	8.4698	8.4622	Lin2	0.0268	8.2449			0.6000				1.0000		0.9900
Benzo[a]anthracene	3.8891 2.5003	3.0047	2.7047	2.4766	2.3986	Ave		2.8290			0.8000	20.0		20.0			
Chrysene	3.5550 2.3712	3.4905	2.8188	2.5956	2.3439	Ave		2.8625			0.7000	19.0		20.0			

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232139

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 14:30 Calibration End Date: 06/22/2014 17:03 Calibration ID: 40285

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								
Benzo[b]fluoranthene	3.4435 2.4653	3.0945	2.5588	2.8116	2.3269	Ave		2.7834			0.7000	15.0		20.0			
Benzo[k]fluoranthene	4.2568 3.0405	3.6173	3.2675	2.8008	2.9551	Ave		3.3230			0.7000	16.0		20.0			
Benzo[a]pyrene	3.0916 2.2957	2.5974	2.3667	2.2181	2.1438	Ave		2.4522			0.7000	14.0		20.0			
Indeno[1,2,3-cd]pyrene	2.4400 2.1046	2.0630	2.0202	1.9131	1.8435	Ave		2.0640			0.5000	10.0		20.0			
Dibenz(a,h)anthracene	1.9263 1.6954	1.6149	1.5435	1.5145	1.4493	Ave		1.6240			0.4000	11.0		20.0			
Benzo[g,h,i]perylene	2.3496 1.8053	1.9930	1.7220	1.6300	1.5882	Ave		1.8480			0.5000	15.0		20.0			

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.: 460-78044-1 Analy Batch No.: 232139

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 14:30 Calibration End Date: 06/22/2014 17:03 Calibration ID: 40285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-232139/7	U96986.D
Level 2	IC 460-232139/6	U96985.D
Level 3	ICIS 460-232139/2	U96981.D
Level 4	IC 460-232139/5	U96984.D
Level 5	IC 460-232139/4	U96983.D
Level 6	IC 460-232139/3	U96982.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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-Nitrosodimethylamine	DCB	Ave	1043 63399	3158	6197	14335	28205	0.0200 1.00	0.0500	0.100	0.200	0.400
Bis(2-chloroethyl)ether	DCB	Ave	195 104334	476	2111	20074	40572	0.00200 1.00	0.00500	0.0200	0.200	0.400
Naphthalene	NPT	Ave	1730 86927	2911	5648	23963	50015	0.00500 0.400	0.0100	0.0200	0.100	0.200
Acenaphthylene	ANT	Ave	1660 89409	2705	5187	22695	45805	0.00500 0.400	0.0100	0.0200	0.100	0.200
Acenaphthene	ANT	Ave	856 46889	1421	2581	12527	25655	0.00500 0.400	0.0100	0.0200	0.100	0.200
Fluorene	ANT	Ave	938 51031	1639	3197	12876	29660	0.00500 0.400	0.0100	0.0200	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	Qua	134 36588	306	1820	2992	12826	0.0500 2.00	0.100	0.200	0.400	1.00
Hexachlorobenzene	PHN	Ave	257 98682	533	2141	21982	45001	0.00200 1.00	0.00500	0.0200	0.200	0.400
Pentachlorophenol	PHN	Qua	596 39992	1146	2470	4015	11789	0.0200 1.00	0.0500	0.100	0.200	0.400
Phenanthrene	PHN	Ave	1296 67390	2216	4191	17453	34229	0.00500 0.400	0.0100	0.0200	0.100	0.200
Anthracene	PHN	Ave	1270 65761	1970	4198	16980	33908	0.00500 0.400	0.0100	0.0200	0.100	0.200
Fluoranthene	PHN	Ave	2986 148075	4895	9321	38617	79277	0.00500 0.400	0.0100	0.0200	0.100	0.200
Pyrene	CRY	Lin2	3045 149496	5016	9676	39829	84224	0.00500 0.400	0.0100	0.0200	0.100	0.200
Benzo[a]anthracene	CRY	Ave	873 45191	1367	2751	11646	23873	0.00500 0.400	0.0100	0.0200	0.100	0.200
Chrysene	CRY	Ave	798 42857	1588	2867	12206	23329	0.00500 0.400	0.0100	0.0200	0.100	0.200
Benzo[b]fluoranthene	PRY	Ave	724 41097	1326	2437	12288	21840	0.00500 0.400	0.0100	0.0200	0.100	0.200

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 232139

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2014 14:30 Calibration End Date: 06/22/2014 17:03 Calibration ID: 40285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	895 50685	1550	3112	12241	27737	0.00500 0.400	0.0100	0.0200	0.100	0.200
Benzo[a]pyrene	PRY	Ave	650 38269	1113	2254	9694	20122	0.00500 0.400	0.0100	0.0200	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	513 35083	884	1924	8361	17303	0.00500 0.400	0.0100	0.0200	0.100	0.200
Dibenz(a,h)anthracene	PRY	Ave	405 28263	692	1470	6619	13603	0.00500 0.400	0.0100	0.0200	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	494 30095	854	1640	7124	14907	0.00500 0.400	0.0100	0.0200	0.100	0.200

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Report Date: 23-Jun-2014 15:30:20 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96981.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Jun-2014 14:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:19 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 15:38:40

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.986	1.986	0.000	73	6197	0.1000	0.0989	
	2 Bis(2-chloroethyl)ether	93	4.127	4.127	0.000	79	2111	0.0200	0.0213	
*	3 1,4-Dichlorobenzene-d4	152	4.400	4.400	0.000	97	15135	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.680	5.680	0.000	97	24687	0.2000	0.2000	
	5 Naphthalene	128	5.696	5.696	0.000	100	5648	0.0200	0.0186	
	7 Acenaphthylene	152	7.273	7.273	0.000	100	5187	0.0200	0.0189	
*	8 Acenaphthene-d10	164	7.419	7.419	0.000	96	11504	0.2000	0.2000	
	9 Acenaphthene	154	7.455	7.455	0.000	93	2581	0.0200	0.0178	
	10 Fluorene	166	7.960	7.960	0.000	1	3197	0.0200	0.0196	M
	28 4,6-Dinitro-2-methylphenol	198	8.010	8.010	0.000	96	1820	0.2000	0.2614	
	11 Hexachlorobenzene	284	8.504	8.504	0.000	96	2141	0.0200	0.0187	
	12 Pentachlorophenol	266	8.713	8.713	0.000	100	2470	0.1000	0.1115	
*	13 Phenanthrene-d10	188	8.874	8.874	0.000	98	23677	0.2000	0.2000	
	14 Phenanthrene	178	8.899	8.899	0.000	99	4191	0.0200	0.0201	
	15 Anthracene	178	8.948	8.948	0.000	98	4198	0.0200	0.0209	
	16 Fluoranthene	202	10.067	10.067	0.000	100	9321	0.0200	0.0199	
	17 Pyrene	202	10.291	10.291	0.000	100	9676	0.0200	0.0198	
	18 Benzo[a]anthracene	228	11.617	11.617	0.000	30	2751	0.0200	0.0191	
*	19 Chrysene-d12	240	11.628	11.628	0.000	87	10171	0.2000	0.2000	
	20 Chrysene	228	11.659	11.659	0.000	94	2867	0.0200	0.0197	
	21 Benzo[b]fluoranthene	252	13.022	13.022	0.000	98	2437	0.0200	0.0184	
	22 Benzo[k]fluoranthene	252	13.064	13.064	0.000	97	3112	0.0200	0.0197	
	23 Benzo[a]pyrene	252	13.465	13.465	0.000	98	2254	0.0200	0.0193	
*	24 Perylene-d12	264	13.550	13.550	0.000	100	9524	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.053	15.053	0.000	100	1924	0.0200	0.0196	
	26 Dibenz(a,h)anthracene	278	15.095	15.095	0.000	99	1470	0.0200	0.0190	
	27 Benzo[g,h,i]perylene	276	15.467	15.467	0.000	94	1640	0.0200	0.0186	

QC Flag Legend

Review Flags
M - Manually Integrated

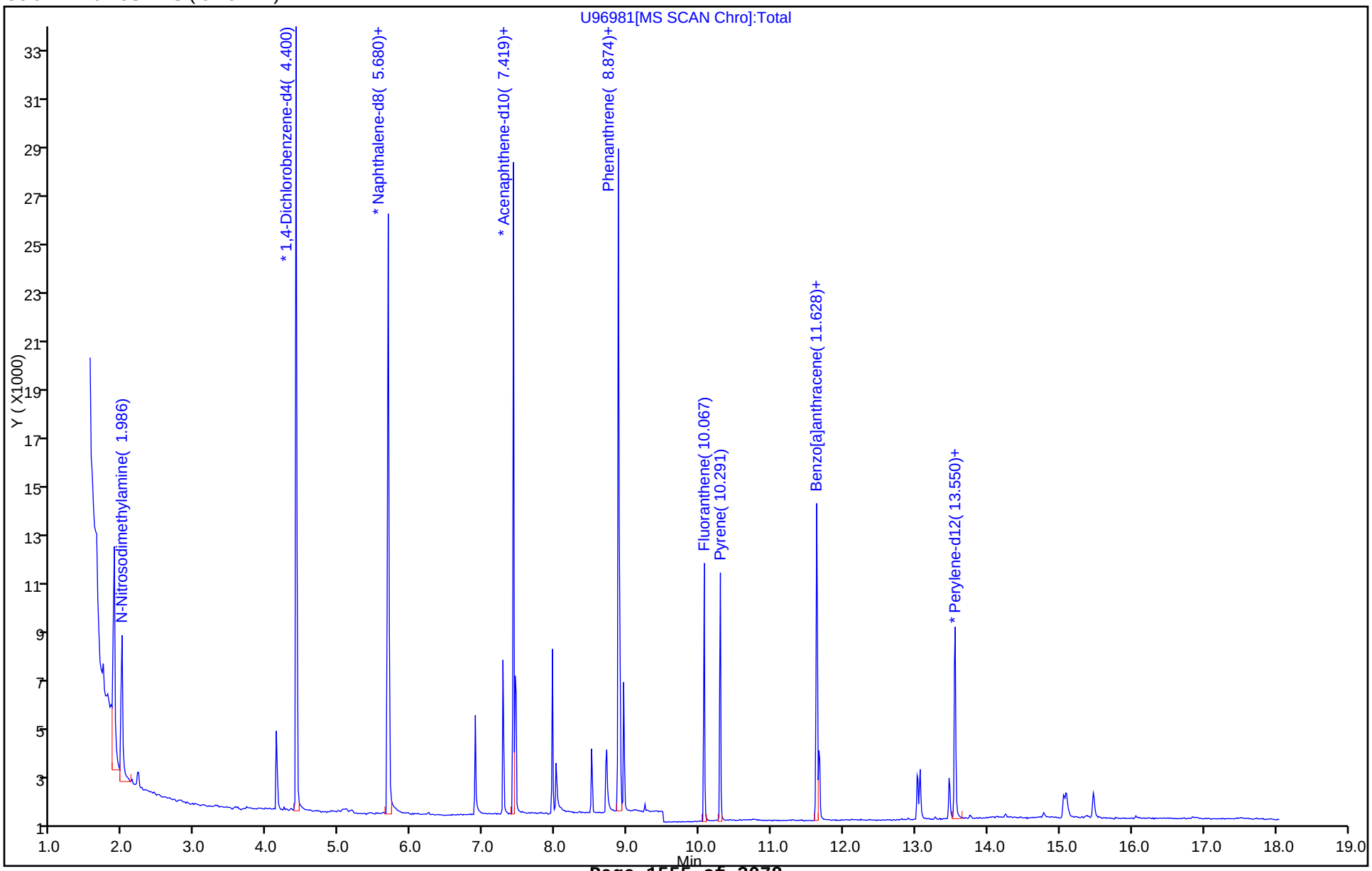
Report Date: 23-Jun-2014 15:30:20 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96981.D

Injection Date:	22-Jun-2014 14:30:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

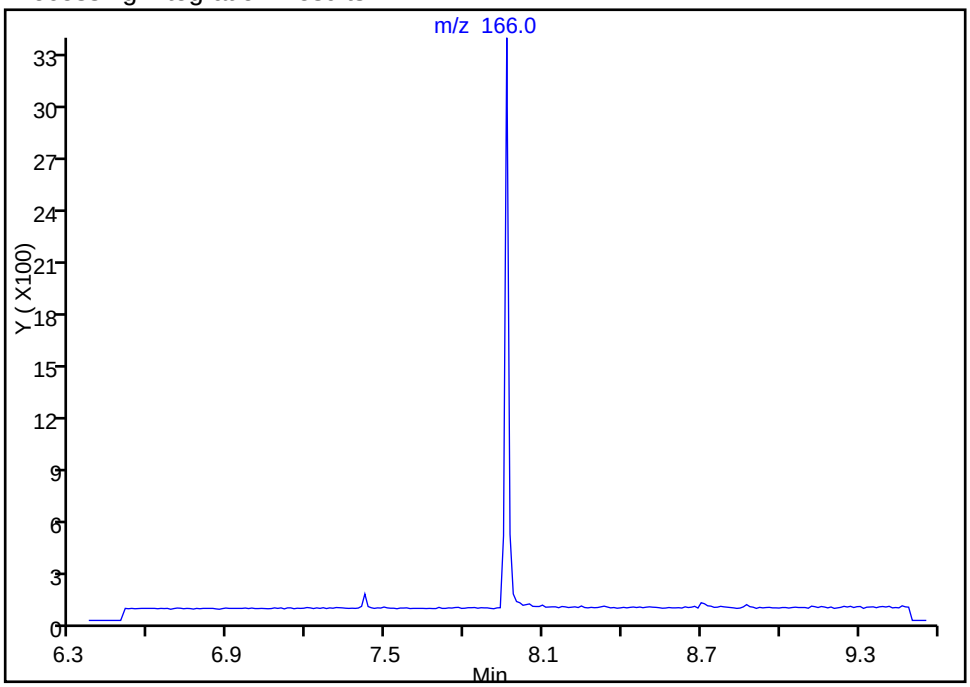
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96981.D				
Injection Date:	22-Jun-2014 14:30:30	Instrument ID:	CBNAMS4		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Fluorene, CAS: 86-73-7

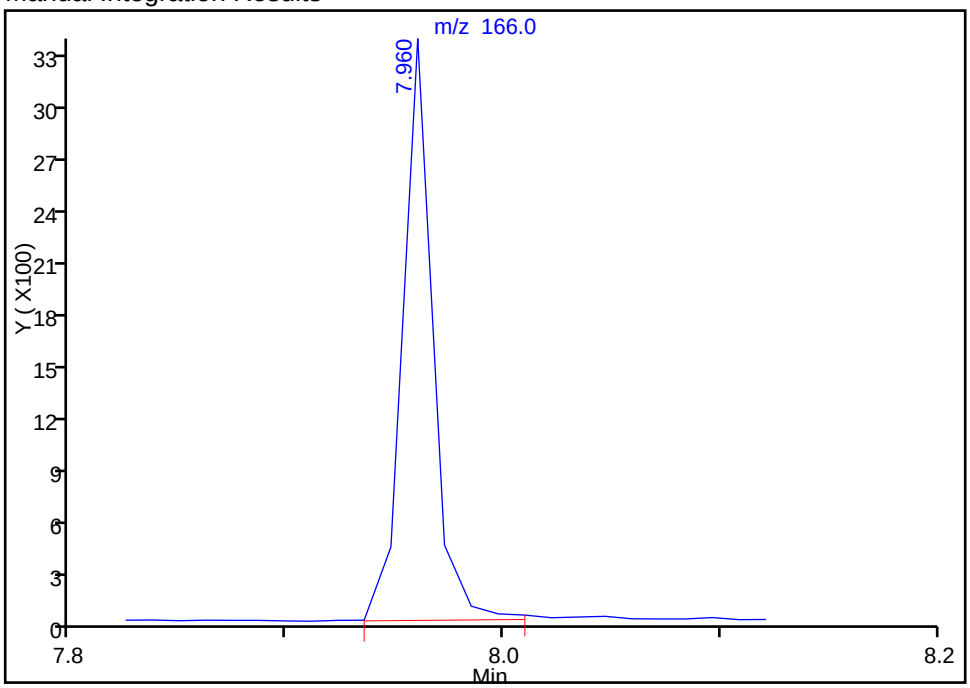
Not Detected
Expected RT: 7.96

Processing Integration Results



Manual Integration Results

RT: 7.96
Response: 3197
Amount: 0.019583



Reviewer: bayoumiw, 22-Jun-2014 15:38:40
Audit Action: Manually Integrated
Audit Reason: Baseline

Report Date: 23-Jun-2014 15:30:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96982.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-Jun-2014 14:52:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-003
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:20 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 15:37:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 N-Nitrosodimethylamine	74	1.969	1.986	-0.017	71	63399	1.00	0.9697	
2 Bis(2-chloroethyl)ether	93	4.125	4.127	-0.002	100	104334	1.00	1.01	
* 3 1,4-Dichlorobenzene-d4	152	4.401	4.400	0.001	99	15788	0.2000	0.2000	
* 4 Naphthalene-d8	136	5.684	5.680	0.004	76	21412	0.2000	0.2000	
5 Naphthalene	128	5.699	5.696	0.003	100	86927	0.4000	0.3303	
7 Acenaphthylene	152	7.274	7.273	0.001	100	89409	0.4000	0.3517	
* 8 Acenaphthene-d10	164	7.421	7.419	0.002	94	10630	0.2000	0.2000	
9 Acenaphthene	154	7.446	7.455	-0.009	96	46889	0.4000	0.3497	
10 Fluorene	166	7.964	7.960	0.004	98	51031	0.4000	0.3383	
28 4,6-Dinitro-2-methylphenol	198	8.013	8.010	0.003	99	36588	2.00	2.00	
11 Hexachlorobenzene	284	8.507	8.504	0.003	99	98682	1.00	0.9449	
12 Pentachlorophenol	266	8.705	8.713	-0.008	100	39992	1.00	1.00	
* 13 Phenanthrene-d10	188	8.877	8.874	0.003	99	21585	0.2000	0.2000	
14 Phenanthrene	178	8.901	8.899	0.002	99	67390	0.4000	0.3545	
15 Anthracene	178	8.950	8.948	0.002	100	65761	0.4000	0.3583	
16 Fluoranthene	202	10.067	10.067	0.000	100	148075	0.4000	0.3470	
17 Pyrene	202	10.289	10.291	-0.002	99	149496	0.4000	0.3980	
18 Benzo[a]anthracene	228	11.613	11.617	-0.004	8	45191	0.4000	0.3535	
* 19 Chrysene-d12	240	11.635	11.628	0.007	93	9037	0.2000	0.2000	
20 Chrysene	228	11.666	11.659	0.007	100	42857	0.4000	0.3313	
21 Benzo[b]fluoranthene	252	13.028	13.022	0.006	99	41097	0.4000	0.3543	
22 Benzo[k]fluoranthene	252	13.060	13.064	-0.004	97	50685	0.4000	0.3660	
23 Benzo[a]pyrene	252	13.464	13.465	-0.001	98	38269	0.4000	0.3745	
* 24 Perylene-d12	264	13.549	13.550	-0.001	100	8335	0.2000	0.2000	
25 Indeno[1,2,3-cd]pyrene	276	15.048	15.053	-0.005	96	35083	0.4000	0.4079	
26 Dibenz(a,h)anthracene	278	15.090	15.095	-0.005	99	28263	0.4000	0.4176	
27 Benzo[g,h,i]perylene	276	15.471	15.467	0.004	99	30095	0.4000	0.3908	

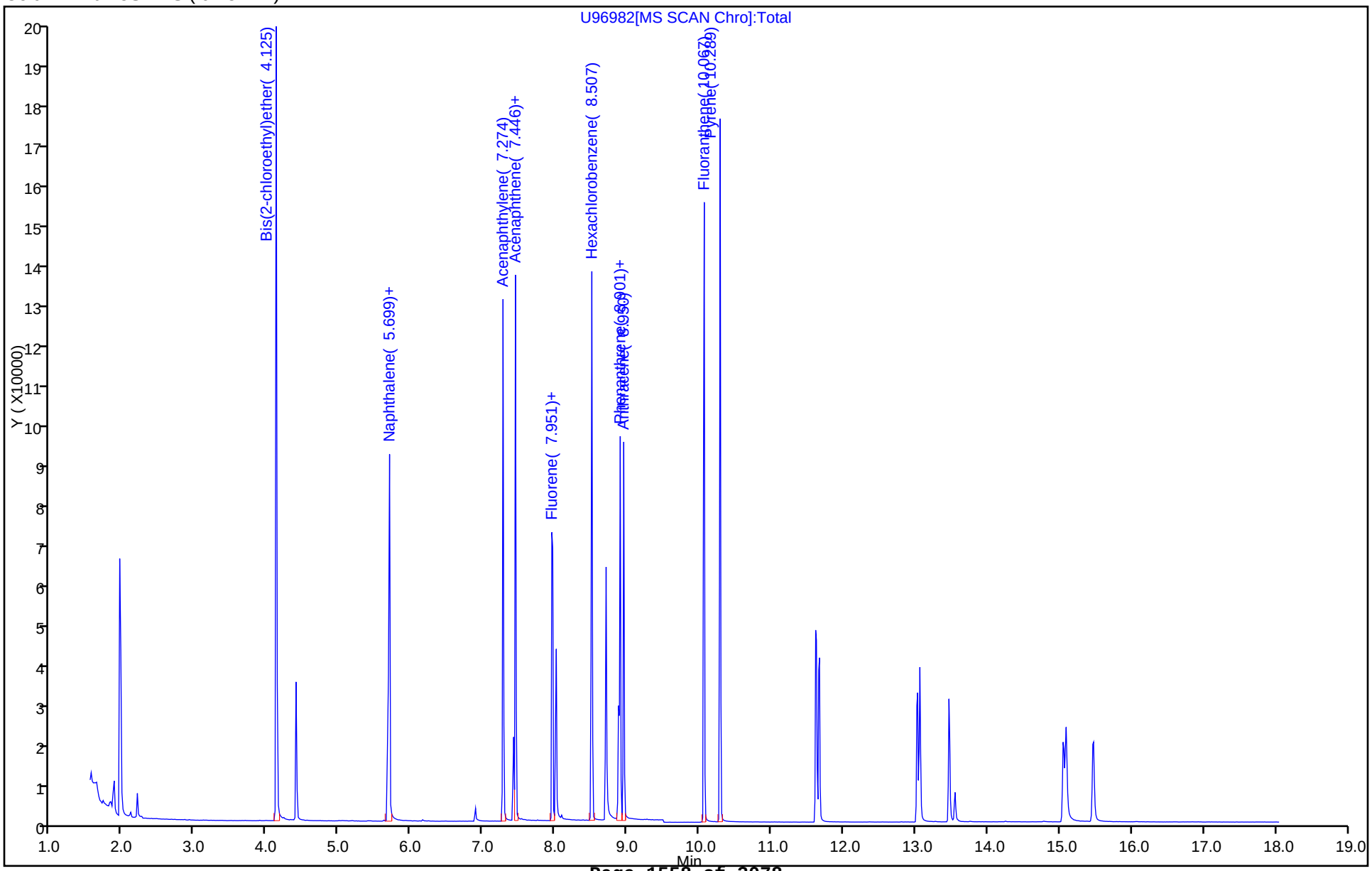
Report Date: 23-Jun-2014 15:30:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96982.D

Injection Date:	22-Jun-2014 14:52:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96983.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Jun-2014 15:15:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-004
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:21 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 15:39:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.970	1.986	-0.016	74	28205	0.4000	0.4488	
	2 Bis(2-chloroethyl)ether	93	4.123	4.127	-0.004	79	40572	0.4000	0.4088	
*	3 1,4-Dichlorobenzene-d4	152	4.398	4.400	-0.002	94	15177	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.682	5.680	0.002	96	23094	0.2000	0.2000	
	5 Naphthalene	128	5.698	5.696	0.002	100	50015	0.2000	0.1762	
	7 Acenaphthylene	152	7.276	7.273	0.003	100	45805	0.2000	0.1693	
*	8 Acenaphthene-d10	164	7.412	7.419	-0.007	98	11314	0.2000	0.2000	
	9 Acenaphthene	154	7.449	7.455	-0.006	93	25655	0.2000	0.1798	
	10 Fluorene	166	7.955	7.960	-0.005	98	29660	0.2000	0.1847	
	28 4,6-Dinitro-2-methylphenol	198	8.016	8.010	0.006	99	12826	1.00	1.00	
	11 Hexachlorobenzene	284	8.510	8.504	0.006	100	45001	0.4000	0.3827	
	12 Pentachlorophenol	266	8.706	8.713	-0.007	100	11789	0.4000	0.4067	
*	13 Phenanthrene-d10	188	8.879	8.874	0.005	100	24303	0.2000	0.2000	
	14 Phenanthrene	178	8.904	8.899	0.005	99	34229	0.2000	0.1599	
	15 Anthracene	178	8.953	8.948	0.005	99	33908	0.2000	0.1641	
	16 Fluoranthene	202	10.057	10.067	-0.010	97	79277	0.2000	0.1650	
	17 Pyrene	202	10.290	10.291	-0.001	100	84224	0.2000	0.2020	
	18 Benzo[a]anthracene	228	11.612	11.617	-0.005	9	23873	0.2000	0.1696	
*	19 Chrysene-d12	240	11.633	11.628	0.005	96	9953	0.2000	0.2000	
	20 Chrysene	228	11.665	11.659	0.006	100	23329	0.2000	0.1638	
	21 Benzo[b]fluoranthene	252	13.026	13.022	0.004	98	21840	0.2000	0.1672	
	22 Benzo[k]fluoranthene	252	13.058	13.064	-0.006	64	27737	0.2000	0.1779	
	23 Benzo[a]pyrene	252	13.470	13.465	0.005	98	20122	0.2000	0.1748	
*	24 Perylene-d12	264	13.544	13.550	-0.006	100	9386	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.057	15.053	0.004	99	17303	0.2000	0.1786	
	26 Dibenz(a,h)anthracene	278	15.089	15.095	-0.006	98	13603	0.2000	0.1785	
	27 Benzo[g,h,i]perylene	276	15.469	15.467	0.002	99	14907	0.2000	0.1719	

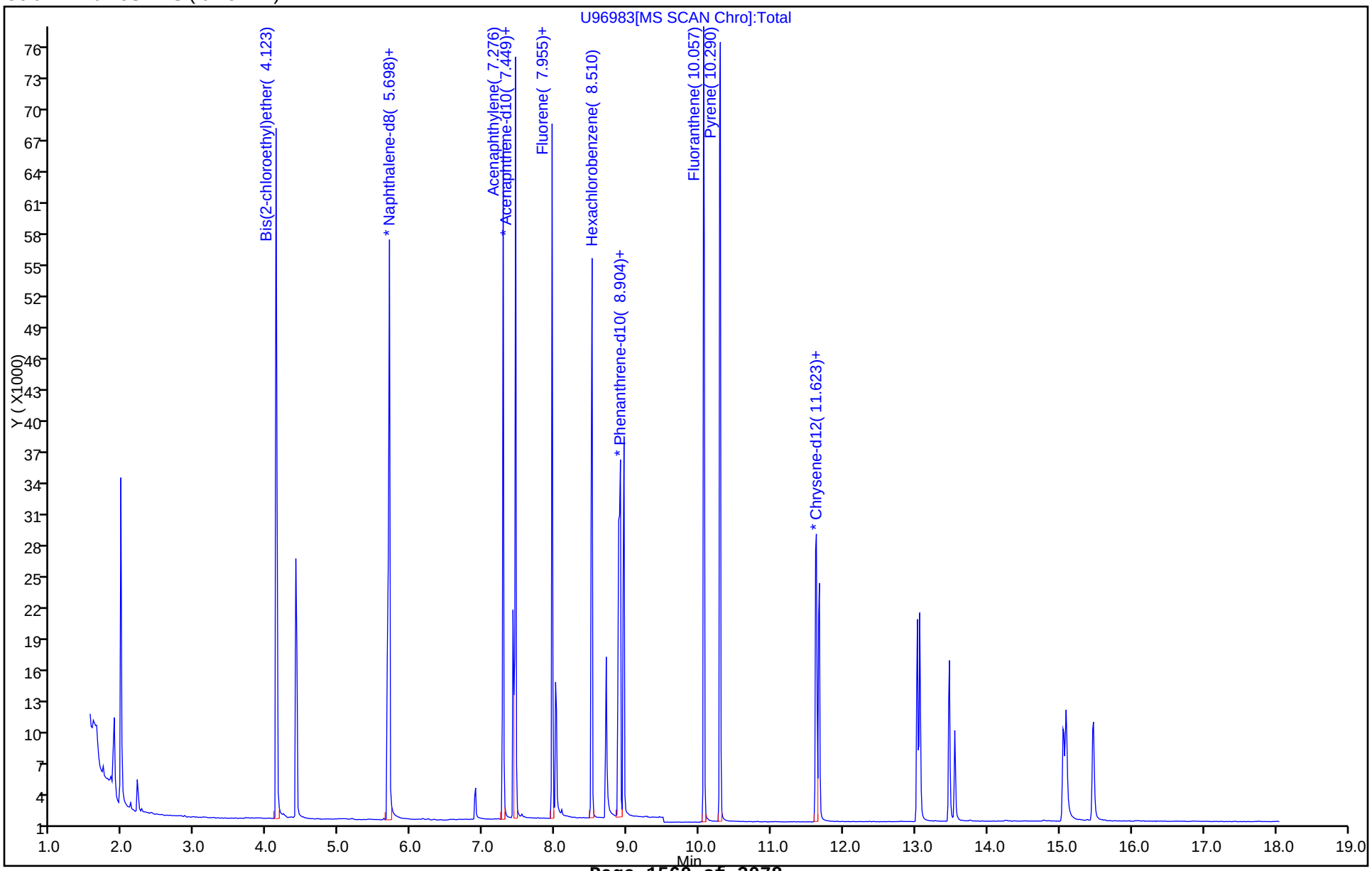
Report Date: 23-Jun-2014 15:30:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96983.D

Injection Date:	22-Jun-2014 15:15:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 15:30:23 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96984.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jun-2014 15:37:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-005
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:22 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 16:15:13

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.971	1.986	-0.015	76	14335	0.2000	0.2200	
	2 Bis(2-chloroethyl)ether	93	4.124	4.127	-0.003	81	20074	0.2000	0.1952	
*	3 1,4-Dichlorobenzene-d4	152	4.399	4.400	-0.001	96	15731	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.684	5.680	0.004	96	21796	0.2000	0.2000	
	5 Naphthalene	128	5.699	5.696	0.003	100	23963	0.1000	0.0895	
	7 Acenaphthylene	152	7.277	7.273	0.004	100	22695	0.1000	0.0875	
*	8 Acenaphthene-d10	164	7.412	7.419	-0.007	99	10845	0.2000	0.2000	
	9 Acenaphthene	154	7.450	7.455	-0.005	94	12527	0.1000	0.0916	
	10 Fluorene	166	7.964	7.960	0.004	99	12876	0.1000	0.0837	
	28 4,6-Dinitro-2-methylphenol	198	8.013	8.010	0.003	100	2992	0.4000	0.3876	
	11 Hexachlorobenzene	284	8.507	8.504	0.003	100	21982	0.2000	0.1970	
	12 Pentachlorophenol	266	8.704	8.713	-0.009	97	4015	0.2000	0.1793	
*	13 Phenanthrene-d10	188	8.876	8.874	0.002	99	23064	0.2000	0.2000	
	14 Phenanthrene	178	8.901	8.899	0.002	99	17453	0.1000	0.0859	
	15 Anthracene	178	8.950	8.948	0.002	100	16980	0.1000	0.0866	
	16 Fluoranthene	202	10.067	10.067	0.000	100	38617	0.1000	0.0847	
	17 Pyrene	202	10.287	10.291	-0.004	98	39829	0.1000	0.0995	
	18 Benzo[a]anthracene	228	11.621	11.617	0.004	38	11646	0.1000	0.0875	
*	19 Chrysene-d12	240	11.632	11.628	0.004	93	9405	0.2000	0.2000	
	20 Chrysene	228	11.664	11.659	0.005	100	12206	0.1000	0.0907	
	21 Benzo[b]fluoranthene	252	13.025	13.022	0.003	98	12288	0.1000	0.1010	
	22 Benzo[k]fluoranthene	252	13.057	13.064	-0.007	98	12241	0.1000	0.0843	
	23 Benzo[a]pyrene	252	13.471	13.465	0.006	98	9694	0.1000	0.0905	
*	24 Perylene-d12	264	13.546	13.550	-0.004	100	8741	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.056	15.053	0.003	100	8361	0.1000	0.0927	
	26 Dibenz(a,h)anthracene	278	15.088	15.095	-0.007	97	6619	0.1000	0.0933	
	27 Benzo[g,h,i]perylene	276	15.470	15.467	0.003	98	7124	0.1000	0.0882	

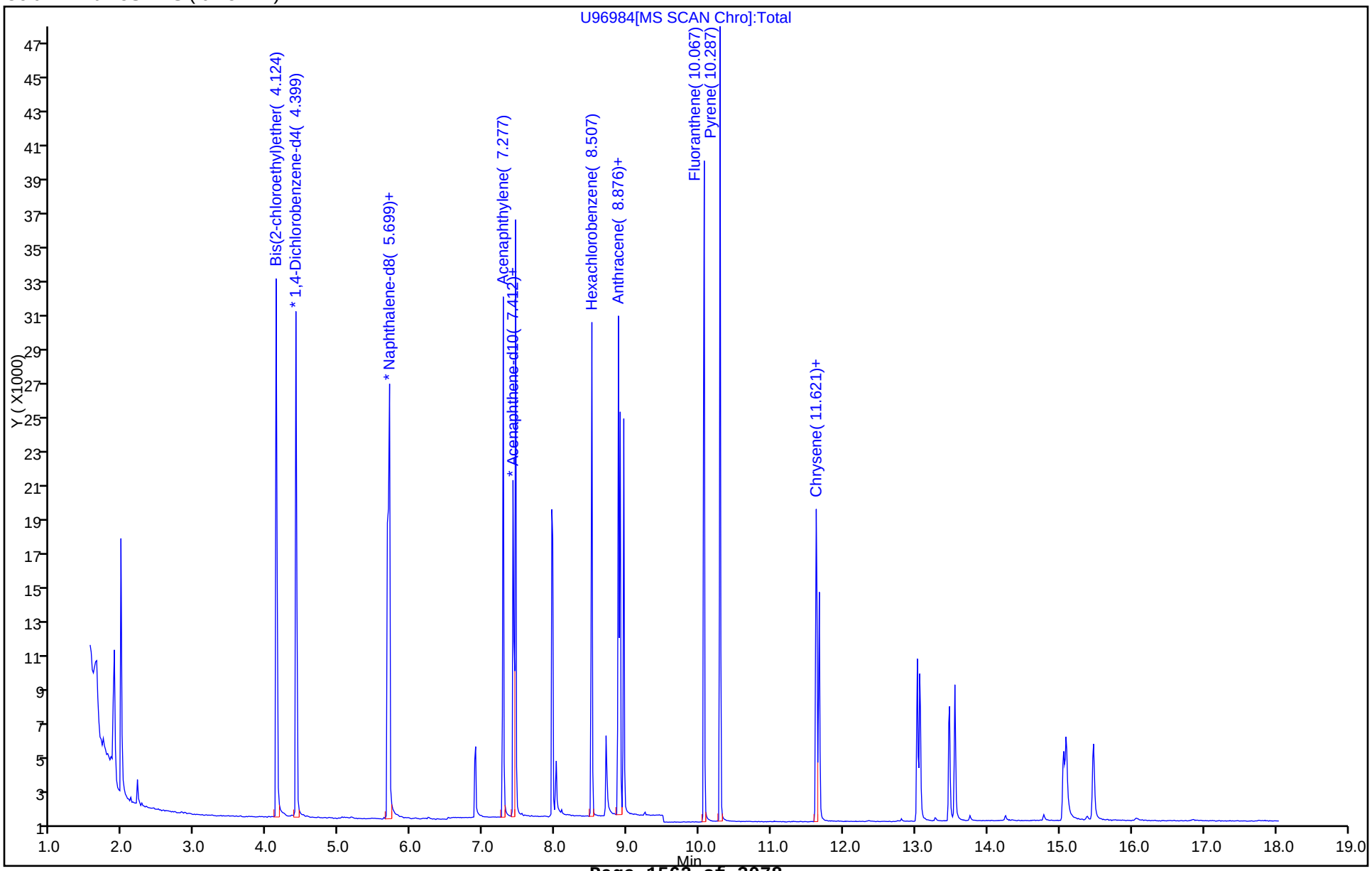
Report Date: 23-Jun-2014 15:30:23 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96984.D

Injection Date:	22-Jun-2014 15:37:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 15:30:23 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96985.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Jun-2014 16:31:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-006
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:23 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 16:51:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.970	1.986	-0.016	85	3158	0.0500	0.0500	
	2 Bis(2-chloroethyl)ether	93	4.141	4.127	0.014	83	476	0.005000	0.004770	
*	3 1,4-Dichlorobenzene-d4	152	4.401	4.400	0.001	97	15261	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.671	5.680	-0.009	92	20326	0.2000	0.2000	
	5 Naphthalene	128	5.702	5.696	0.006	100	2911	0.0100	0.0117	
	7 Acenaphthylene	152	7.275	7.273	0.002	99	2705	0.0100	0.0110	
*	8 Acenaphthene-d10	164	7.423	7.419	0.004	96	10291	0.2000	0.2000	
	9 Acenaphthene	154	7.447	7.455	-0.008	98	1421	0.0100	0.0109	
	10 Fluorene	166	7.965	7.960	0.005	99	1639	0.0100	0.0112	
	28 4,6-Dinitro-2-methylphenol	198	8.027	8.010	0.017	92	306	0.1000	0.0635	
	11 Hexachlorobenzene	284	8.508	8.504	0.004	98	533	0.005000	0.005180	
	12 Pentachlorophenol	266	8.716	8.713	0.003	99	1146	0.0500	0.0546	
*	13 Phenanthrene-d10	188	8.877	8.874	0.003	98	21266	0.2000	0.2000	
	14 Phenanthrene	178	8.901	8.899	0.002	98	2216	0.0100	0.0118	
	15 Anthracene	178	8.951	8.948	0.003	98	1970	0.0100	0.0109	
	16 Fluoranthene	202	10.070	10.067	0.003	99	4895	0.0100	0.0116	
	17 Pyrene	202	10.290	10.291	-0.001	91	5016	0.0100	0.0101	
	18 Benzo[a]anthracene	228	11.624	11.617	0.007	48	1367	0.0100	0.0106	
*	19 Chrysene-d12	240	11.634	11.628	0.006	84	9099	0.2000	0.2000	
	20 Chrysene	228	11.666	11.659	0.007	99	1588	0.0100	0.0122	
	21 Benzo[b]fluoranthene	252	13.032	13.022	0.010	98	1326	0.0100	0.0111	
	22 Benzo[k]fluoranthene	252	13.074	13.064	0.010	100	1550	0.0100	0.0109	
	23 Benzo[a]pyrene	252	13.476	13.465	0.011	99	1113	0.0100	0.0106	
*	24 Perylene-d12	264	13.549	13.550	-0.001	100	8570	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.063	15.053	0.010	97	884	0.0100	0.0100	
	26 Dibenz(a,h)anthracene	278	15.105	15.095	0.010	98	692	0.0100	0.0099	
	27 Benzo[g,h,i]perylene	276	15.487	15.467	0.020	99	854	0.0100	0.0108	

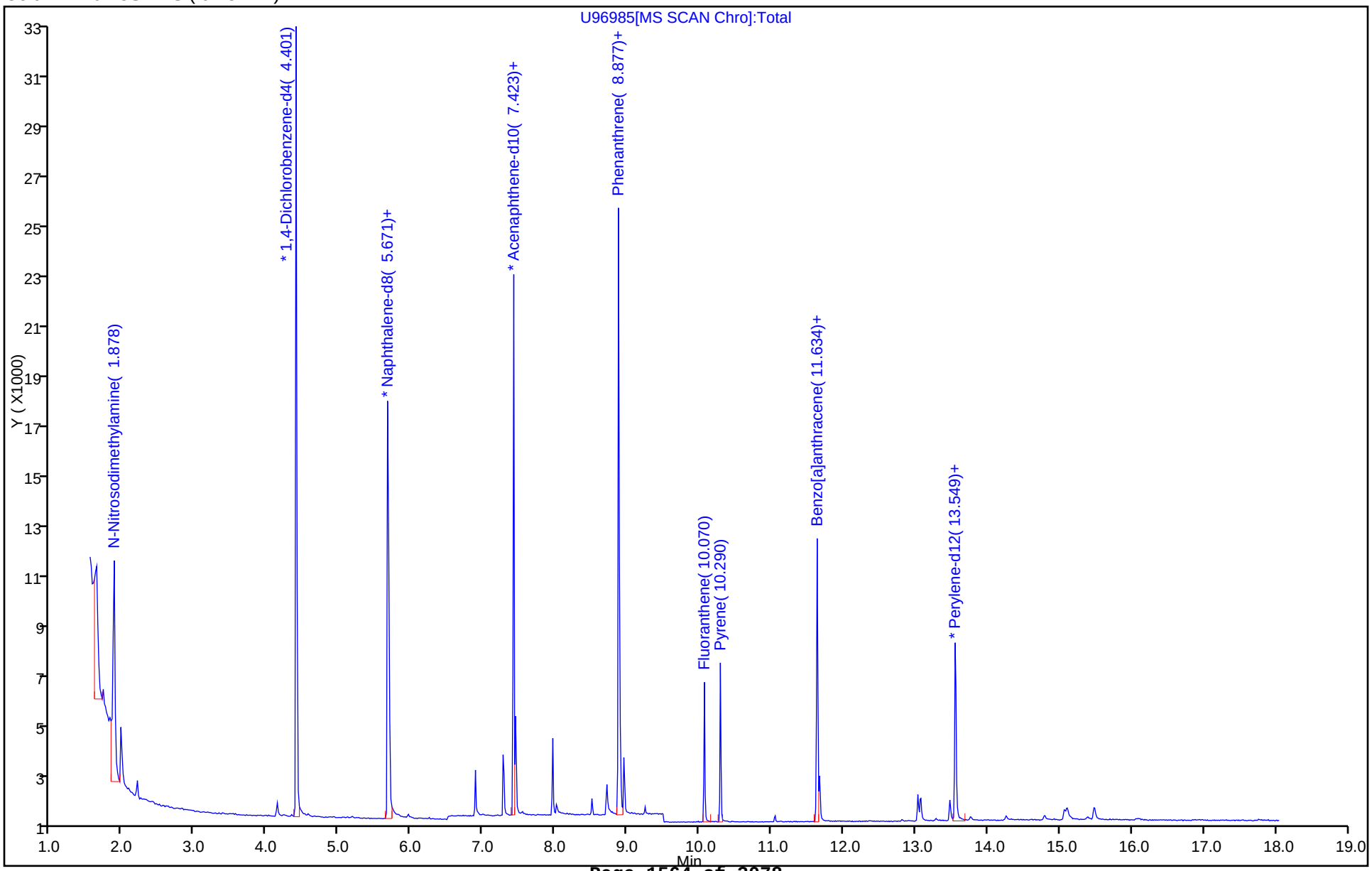
Report Date: 23-Jun-2014 15:30:23 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96985.D

Injection Date:	22-Jun-2014 16:31:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 23-Jun-2014 15:30:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Jun-2014 17:03:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-007
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:24 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 17:11:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 N-Nitrosodimethylamine	74	2.000	1.986	0.014	69	1043	0.0200	0.0164	
2 Bis(2-chloroethyl)ether	93	4.141	4.127	0.014	85	195	0.002000	0.001942	
* 3 1,4-Dichlorobenzene-d4	152	4.401	4.400	0.001	97	15357	0.2000	0.2000	
* 4 Naphthalene-d8	136	5.684	5.680	0.004	96	21613	0.2000	0.2000	
5 Naphthalene	128	5.699	5.696	0.003	100	1730	0.005000	0.006513	
7 Acenaphthylene	152	7.279	7.273	0.006	100	1660	0.005000	0.006787	
* 8 Acenaphthene-d10	164	7.427	7.419	0.008	93	10228	0.2000	0.2000	
9 Acenaphthene	154	7.452	7.455	-0.003	98	856	0.005000	0.006635	
10 Fluorene	166	7.969	7.960	0.009	98	938	0.005000	0.006463	
28 4,6-Dinitro-2-methylphenol	198	8.031	8.010	0.021	88	134	0.0500	0.0279	
11 Hexachlorobenzene	284	8.510	8.504	0.006	97	257	0.002000	0.002286	
12 Pentachlorophenol	266	8.719	8.713	0.006	96	596	0.0200	0.0184	
* 13 Phenanthrene-d10	188	8.880	8.874	0.006	99	23241	0.2000	0.2000	
14 Phenanthrene	178	8.904	8.899	0.005	99	1296	0.005000	0.006332	
15 Anthracene	178	8.954	8.948	0.006	98	1270	0.005000	0.006427	
16 Fluoranthene	202	10.070	10.067	0.003	99	2986	0.005000	0.006500	
17 Pyrene	202	10.293	10.291	0.002	93	3045	0.005000	0.004980	
18 Benzo[a]anthracene	228	11.623	11.617	0.005	40	873	0.005000	0.006874	
* 19 Chrysene-d12	240	11.633	11.628	0.005	82	8979	0.2000	0.2000	
20 Chrysene	228	11.675	11.659	0.016	100	798	0.005000	0.006210	
21 Benzo[b]fluoranthene	252	13.039	13.022	0.017	98	724	0.005000	0.006186	
22 Benzo[k]fluoranthene	252	13.071	13.064	0.007	1	895	0.005000	0.006405	
23 Benzo[a]pyrene	252	13.482	13.465	0.017	98	650	0.005000	0.006304	
* 24 Perylene-d12	264	13.556	13.550	0.006	100	8410	0.2000	0.2000	
25 Indeno[1,2,3-cd]pyrene	276	15.076	15.053	0.023	97	513	0.005000	0.005911	
26 Dibenz(a,h)anthracene	278	15.107	15.095	0.012	98	405	0.005000	0.005931	
27 Benzo[g,h,i]perylene	276	15.488	15.467	0.021	95	494	0.005000	0.006357	

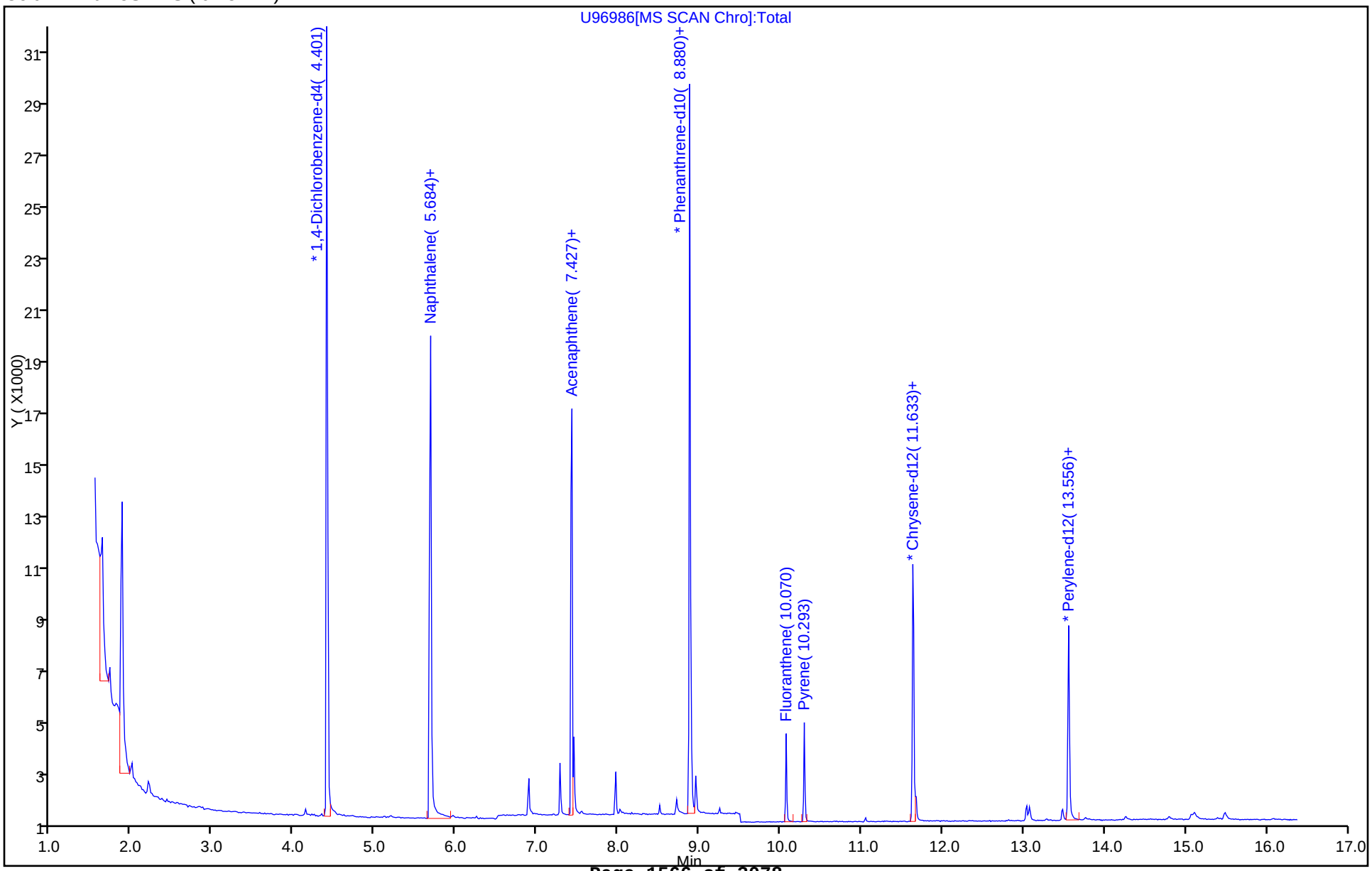
Report Date: 23-Jun-2014 15:30:24 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Injection Date:	22-Jun-2014 17:03:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232519/2 Calibration Date: 06/24/2014 13:44

Instrument ID: CBNAMS4 Calib Start Date: 06/22/2014 14:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/22/2014 17:03

Lab File ID: U97045.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.8282	0.8522		103	100	2.9	20.0
Bis(2-chloroethyl)ether	Ave	1.308	1.635	0.7000	25.0	20.0	25.0*	20.0
Naphthalene	Ave	2.458	2.493	0.7000	20.3	20.0	1.4	20.0
Acenaphthylene	Ave	4.783	4.073	0.9000	17.0	20.0	-14.9	20.0
Acenaphthene	Ave	2.523	2.388	0.9000	18.9	20.0	-5.3	20.0
Fluorene	Ave	2.838	2.595	0.9000	18.3	20.0	-8.6	20.0
4,6-Dinitro-2-methylphenol	Qua		0.0221	0.0100	92.9	200	-53.6*	20.0
Hexachlorobenzene	Ave	0.9676	0.9191	0.1000	19.0	20.0	-5.0	20.0
Pentachlorophenol	Qua		0.1912	0.0500	102	100	2.2	20.0
Phenanthrene	Ave	1.761	1.728	0.7000	19.6	20.0	-1.9	20.0
Anthracene	Ave	1.700	1.613	0.7000	19.0	20.0	-5.2	20.0
Fluoranthene	Ave	3.953	4.081	0.6000	20.6	20.0	3.2	20.0
Pyrene	Lin2		9.312	0.6000	19.3	20.0	-3.3	20.0
Benzo[a]anthracene	Ave	2.829	2.620	0.8000	18.5	20.0	-7.4	20.0
Chrysene	Ave	2.863	2.856	0.7000	20.0	20.0	-0.2	20.0
Benzo[b]fluoranthene	Ave	2.783	2.443		17.6	20.0	-12.2	20.0
Benzo[k]fluoranthene	Ave	3.323	3.446	0.7000	20.7	20.0	3.7	20.0
Benzo[a]pyrene	Ave	2.452	2.472	0.7000	20.2	20.0	0.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	2.064	2.199	0.5000	21.3	20.0	6.5	20.0
Dibenz(a,h)anthracene	Ave	1.624	1.764	0.4000	21.7	20.0	8.6	20.0
Benzo[g,h,i]perylene	Ave	1.848	1.902	0.5000	20.6	20.0	2.9	20.0

Report Date: 24-Jun-2014 20:05:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97045.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2014 13:44:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 20:05:20 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 15:29:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.938	1.938	0.000	83	8370	0.1000	0.1029	
	2 Bis(2-chloroethyl)ether	93	4.136	4.136	0.000	87	3212	0.0200	0.0250	
*	3 1,4-Dichlorobenzene-d4	152	4.412	4.412	0.000	93	19643	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.696	5.696	0.000	96	29298	0.2000	0.2000	
	5 Naphthalene	128	5.711	5.711	0.000	100	7304	0.0200	0.0203	
	7 Acenaphthylene	152	7.306	7.306	0.000	100	6490	0.0200	0.0170	
*	8 Acenaphthene-d10	164	7.440	7.440	0.000	99	15936	0.2000	0.2000	
	9 Acenaphthene	154	7.476	7.476	0.000	95	3806	0.0200	0.0189	
	10 Fluorene	166	7.981	7.981	0.000	92	4135	0.0200	0.0183	
	28 4,6-Dinitro-2-methylphenol	198	8.043	8.043	0.000	98	700	0.2000	0.0929	
	11 Hexachlorobenzene	284	8.537	8.537	0.000	98	2913	0.0200	0.0190	
	12 Pentachlorophenol	266	8.734	8.734	0.000	97	3029	0.1000	0.1022	
*	13 Phenanthrene-d10	188	8.906	8.906	0.000	98	31693	0.2000	0.2000	
	14 Phenanthrene	178	8.931	8.931	0.000	98	5477	0.0200	0.0196	
	15 Anthracene	178	8.981	8.981	0.000	97	5111	0.0200	0.0190	
	16 Fluoranthene	202	10.105	10.105	0.000	99	12934	0.0200	0.0206	
	17 Pyrene	202	10.327	10.327	0.000	18	13057	0.0200	0.0193	
	18 Benzo[a]anthracene	228	11.683	11.683	0.000	35	3673	0.0200	0.0185	
*	19 Chrysene-d12	240	11.694	11.694	0.000	87	14021	0.2000	0.2000	
	20 Chrysene	228	11.725	11.725	0.000	97	4005	0.0200	0.0200	
	21 Benzo[b]fluoranthene	252	13.110	13.110	0.000	98	3395	0.0200	0.0176	
	22 Benzo[k]fluoranthene	252	13.142	13.142	0.000	94	4789	0.0200	0.0207	
	23 Benzo[a]pyrene	252	13.554	13.554	0.000	98	3435	0.0200	0.0202	
*	24 Perylene-d12	264	13.628	13.628	0.000	100	13897	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.177	15.177	0.000	100	3056	0.0200	0.0213	
	26 Dibenz(a,h)anthracene	278	15.219	15.219	0.000	100	2452	0.0200	0.0217	
	27 Benzo[g,h,i]perylene	276	15.599	15.599	0.000	97	2643	0.0200	0.0206	

Report Date: 24-Jun-2014 20:05:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97045.D

Injection Date: 24-Jun-2014 13:44:30 Instrument ID: CBNAMS4 Operator ID:

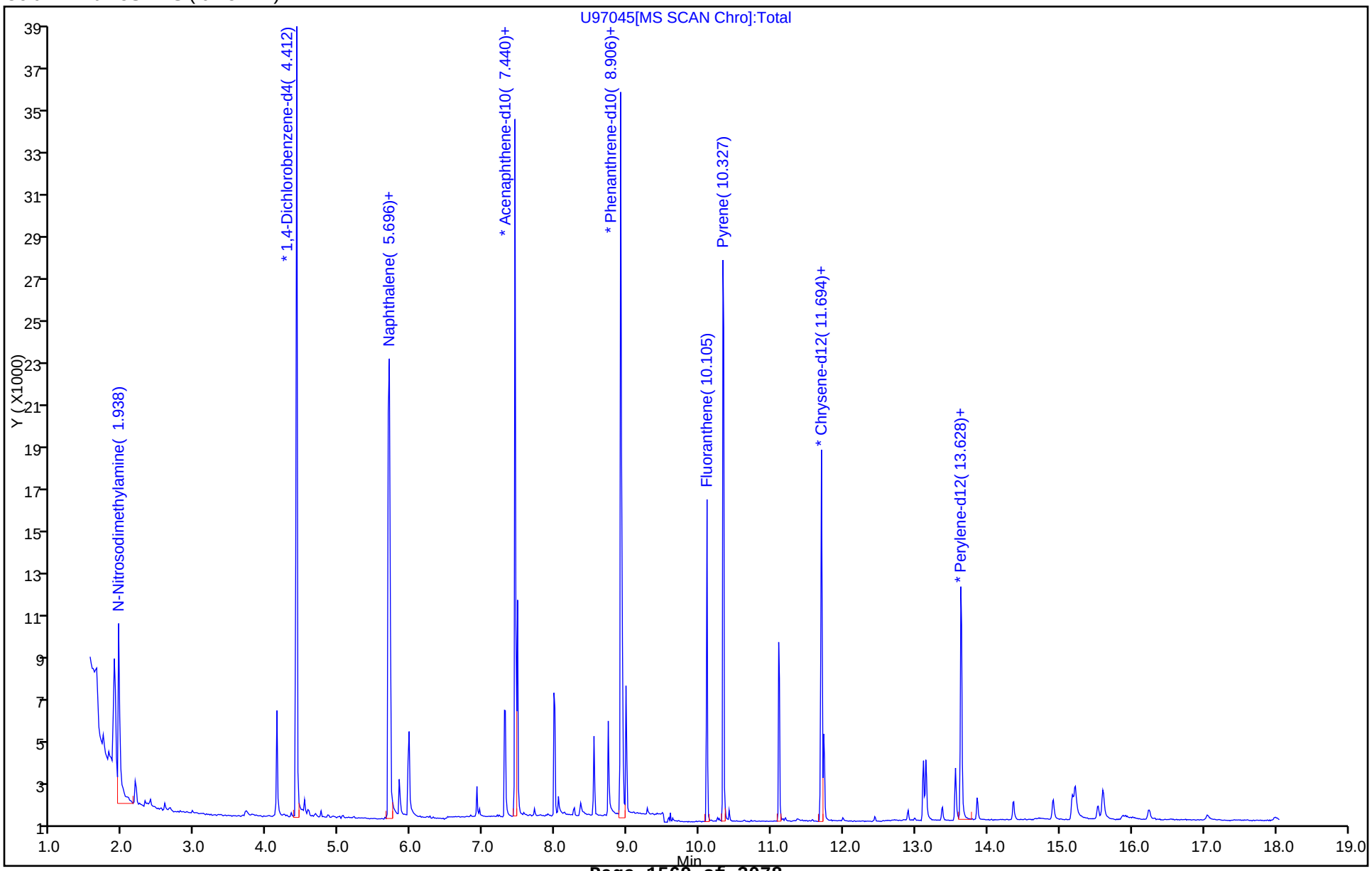
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVIS 460-232632/2 Calibration Date: 06/25/2014 01:45

Instrument ID: CBNAMS4 Calib Start Date: 06/22/2014 14:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/22/2014 17:03

Lab File ID: U97074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.8282	0.7858		94.9	100	-5.1	20.0
Bis(2-chloroethyl)ether	Ave	1.308	1.503	0.7000	23.0	20.0	14.9	20.0
Naphthalene	Ave	2.458	1.820	0.7000	14.8	20.0	-26.0*	20.0
Acenaphthylene	Ave	4.783	3.937	0.9000	16.5	20.0	-17.7	20.0
Acenaphthene	Ave	2.523	2.369	0.9000	18.8	20.0	-6.1	20.0
Fluorene	Ave	2.838	2.686	0.9000	18.9	20.0	-5.4	20.0
4,6-Dinitro-2-methylphenol	Qua		0.0209	0.0100	88.4	200	-55.8*	20.0
Hexachlorobenzene	Ave	0.9676	0.9366	0.1000	19.4	20.0	-3.2	20.0
Pentachlorophenol	Qua		0.2088	0.0500	112	100	11.6	20.0
Phenanthrene	Ave	1.761	1.761	0.7000	20.0	20.0	-0.0	20.0
Anthracene	Ave	1.700	1.673	0.7000	19.7	20.0	-1.6	20.0
Fluoranthene	Ave	3.953	4.037	0.6000	20.4	20.0	2.1	20.0
Pyrene	Lin2		9.631	0.6000	20.1	20.0	0.6	20.0
Benzo[a]anthracene	Ave	2.829	2.577	0.8000	18.2	20.0	-8.9	20.0
Chrysene	Ave	2.863	2.689	0.7000	18.8	20.0	-6.1	20.0
Benzo[b]fluoranthene	Ave	2.783	2.469		17.7	20.0	-11.3	20.0
Benzo[k]fluoranthene	Ave	3.323	3.244	0.7000	19.5	20.0	-2.4	20.0
Benzo[a]pyrene	Ave	2.452	2.327	0.7000	19.0	20.0	-5.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	2.064	2.307	0.5000	22.4	20.0	11.8	20.0
Dibenz(a,h)anthracene	Ave	1.624	1.836	0.4000	22.6	20.0	13.0	20.0
Benzo[g,h,i]perylene	Ave	1.848	2.023	0.5000	21.9	20.0	9.5	20.0

Report Date: 25-Jun-2014 09:52:11 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97074.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 25-Jun-2014 01:45:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014984-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270_SIMLVI_4*sub3

Method: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 25-Jun-2014 09:52:10 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 02:30:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 N-Nitrosodimethylamine	74	1.939	1.939	0.000	82	9396	0.1000	0.0949	
	2 Bis(2-chloroethyl)ether	93	4.133	4.133	0.000	97	3595	0.0200	0.0230	
*	3 1,4-Dichlorobenzene-d4	152	4.406	4.406	0.000	99	23915	0.2000	0.2000	
*	4 Naphthalene-d8	136	5.691	5.691	0.000	98	41530	0.2000	0.2000	
	5 Naphthalene	128	5.706	5.706	0.000	99	7557	0.0200	0.0148	
	7 Acenaphthylene	152	7.306	7.306	0.000	100	6837	0.0200	0.0165	
*	8 Acenaphthene-d10	164	7.441	7.441	0.000	100	17367	0.2000	0.2000	
	9 Acenaphthene	154	7.478	7.478	0.000	95	4115	0.0200	0.0188	
	10 Fluorene	166	7.985	7.985	0.000	95	4664	0.0200	0.0189	
	28 4,6-Dinitro-2-methylphenol	198	8.047	8.047	0.000	99	715	0.2000	0.0884	
	11 Hexachlorobenzene	284	8.541	8.541	0.000	100	3207	0.0200	0.0194	
	12 Pentachlorophenol	266	8.737	8.737	0.000	100	3575	0.1000	0.1116	
*	13 Phenanthrene-d10	188	8.910	8.910	0.000	99	34241	0.2000	0.2000	
	14 Phenanthrene	178	8.935	8.935	0.000	99	6029	0.0200	0.0200	
	15 Anthracene	178	8.984	8.984	0.000	99	5727	0.0200	0.0197	
	16 Fluoranthene	202	10.105	10.105	0.000	99	13824	0.0200	0.0204	
	17 Pyrene	202	10.328	10.328	0.000	30	14816	0.0200	0.0201	
	18 Benzo[a]anthracene	228	11.691	11.691	0.000	86	3965	0.0200	0.0182	
*	19 Chrysene-d12	240	11.701	11.701	0.000	88	15384	0.2000	0.2000	
	20 Chrysene	228	11.733	11.733	0.000	100	4136	0.0200	0.0188	
	21 Benzo[b]fluoranthene	252	13.108	13.108	0.000	98	3691	0.0200	0.0177	
	22 Benzo[k]fluoranthene	252	13.150	13.150	0.000	98	4850	0.0200	0.0195	
	23 Benzo[a]pyrene	252	13.554	13.554	0.000	98	3479	0.0200	0.0190	
*	24 Perylene-d12	264	13.639	13.639	0.000	100	14952	0.2000	0.2000	
	25 Indeno[1,2,3-cd]pyrene	276	15.182	15.182	0.000	100	3449	0.0200	0.0224	
	26 Dibenz(a,h)anthracene	278	15.224	15.224	0.000	99	2745	0.0200	0.0226	
	27 Benzo[g,h,i]perylene	276	15.604	15.604	0.000	99	3025	0.0200	0.0219	

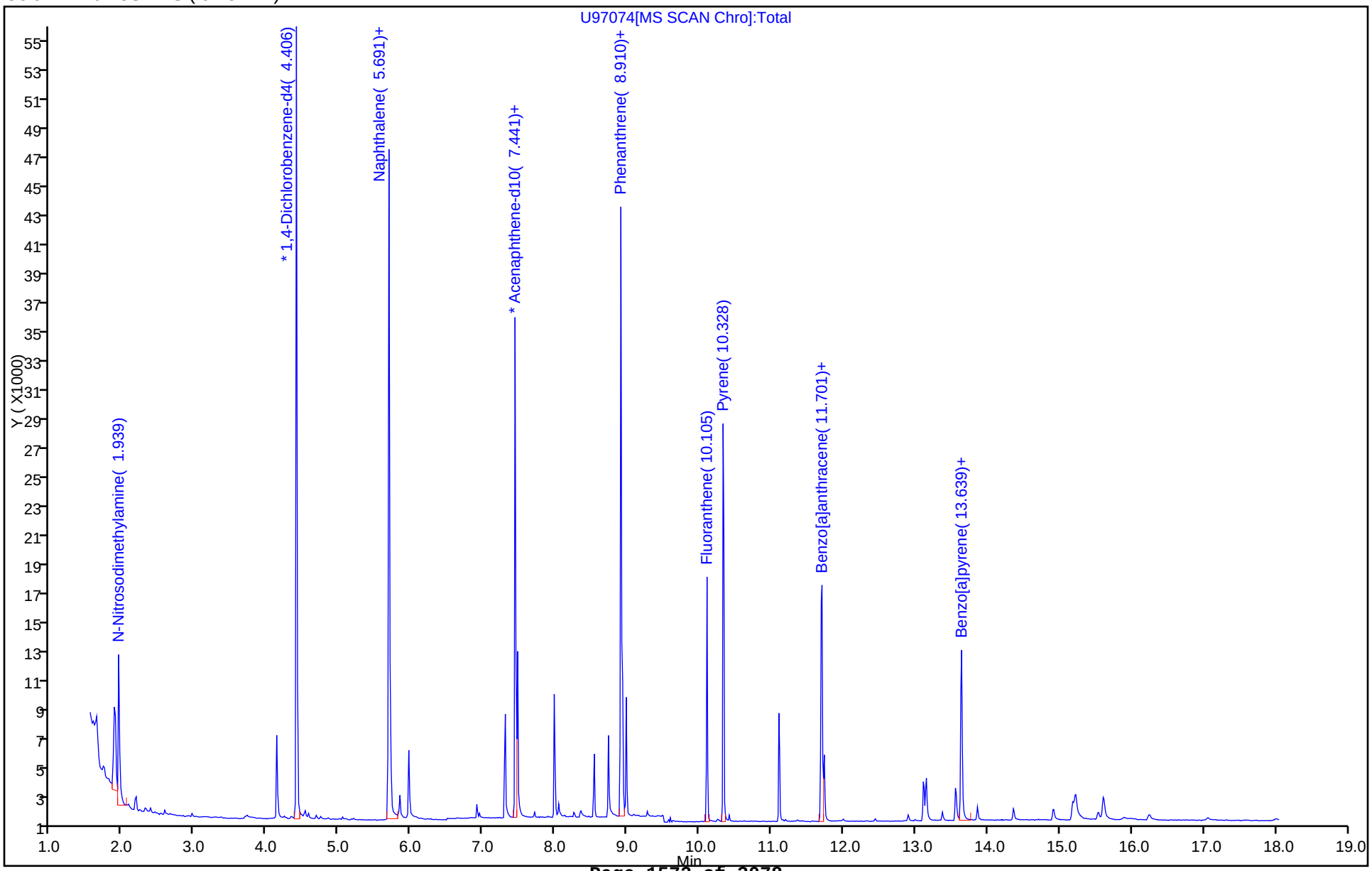
Report Date: 25-Jun-2014 09:52:11 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97074.D

Injection Date:	25-Jun-2014 01:45:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 22-Jun-2014 10:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014886-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 23-Jun-2014 15:30:17 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 22-Jun-2014 10:30:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
6 Pentachlorophenol_T	266	5.239	5.239	0.000	0	22874	NR	NR	7
29 DFTPP									
31 Benzidine_T	184	7.030	7.030	0.000	0	214708	NR	NR	7
33 4,4'-DDT	235	7.998	7.998	0.000	0	84916	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Report Date: 23-Jun-2014 15:30:18 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D

Injection Date: 22-Jun-2014 10:04:30 Instrument ID: CBNAMS4

Lims ID: DFTPP

Client ID:

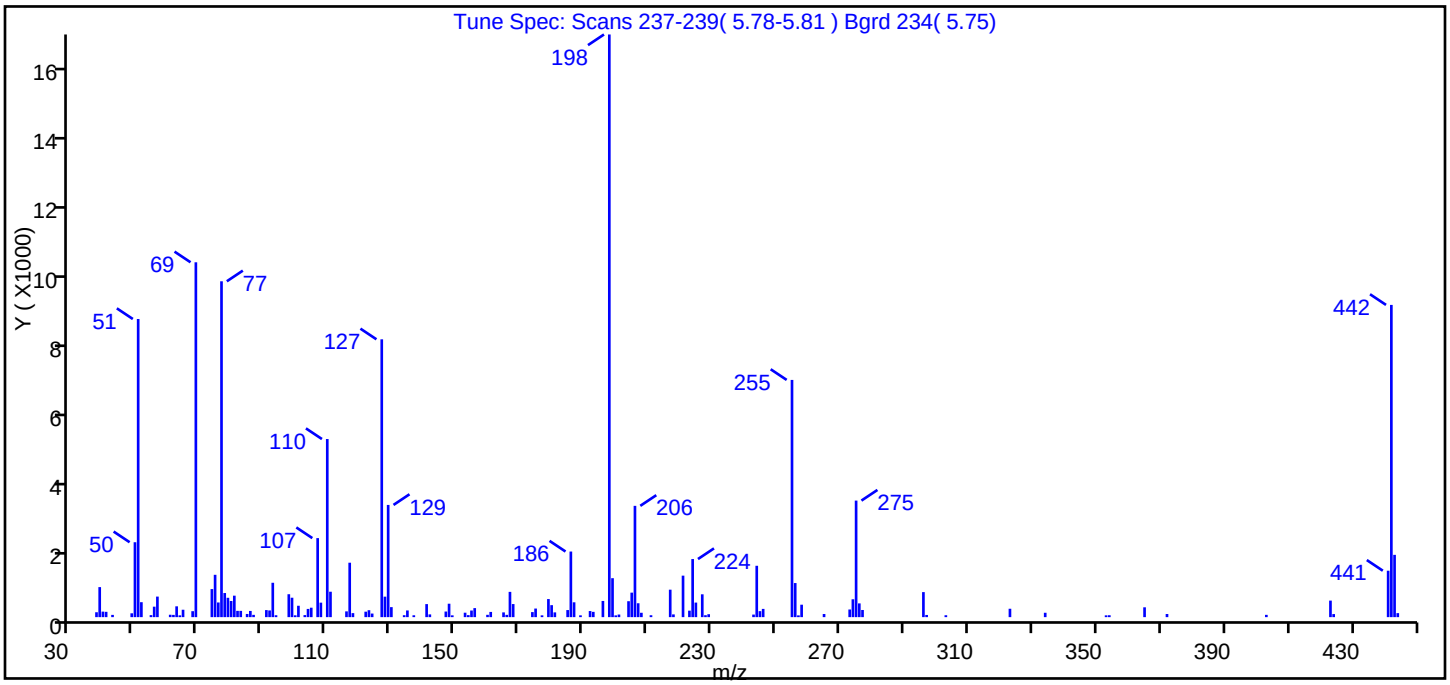
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

Tune Method: DFTPP Method 8270

29 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	51.20
68	Less than 2.00% of mass 69	1.00 (1.70)
69	Present	60.90
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	20.00
365	Greater than 1.00% of mass 198	1.70
441	Present, but less than mass 443	8.00 (74.50)
442	Greater than 40.00% of mass 198	53.60
443	17.00 - 23.00% of mass 442	10.70 (20.00)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 22-Jun-2014 10:04:30
Spectrum: Tune Spec: Scans 237-239(5.78-5.81) Bgrd 234(5.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	139	94.00	54	161.00	148	228.00	55
39.00	852	98.00	650	165.00	135	229.00	83
40.00	157	99.00	551	166.00	65	243.00	73
41.00	151	100.00	52	167.00	717	244.00	1457
43.00	64	101.00	323	168.00	371	245.00	170
49.00	109	103.00	58	174.00	143	246.00	234
50.00	2125	104.00	233	175.00	244	255.00	6729
51.00	8457	105.00	268	177.00	51	256.00	967
52.00	424	107.00	2242	179.00	513	257.00	50
55.00	57	108.00	411	180.00	340	258.00	353
56.00	297	110.00	5052	181.00	135	265.00	89
57.00	583	111.00	721	185.00	201	273.00	217
61.00	68	116.00	164	186.00	1861	274.00	507
62.00	64	117.00	1544	187.00	421	275.00	3306
63.00	307	118.00	114	189.00	51	276.00	390
64.00	51	122.00	155	192.00	173	277.00	203
65.00	210	123.00	197	193.00	150	296.00	710
68.00	169	124.00	102	196.00	459	297.00	62
69.00	10066	127.00	7881	198.00	16528	303.00	54
74.00	796	128.00	581	199.00	1105	323.00	238
75.00	1201	129.00	3183	200.00	50	334.00	124
76.00	416	130.00	284	201.00	74	353.00	51
77.00	9527	134.00	55	204.00	452	354.00	54
78.00	684	135.00	190	205.00	695	365.00	279
79.00	549	137.00	53	206.00	3157	372.00	89
80.00	458	141.00	370	207.00	394	403.00	65
81.00	609	142.00	78	208.00	124	423.00	469
82.00	178	147.00	159	211.00	54	424.00	87
83.00	178	148.00	381	217.00	779	441.00	1317
85.00	90	149.00	51	218.00	78	442.00	8857
86.00	176	153.00	126	221.00	1177	443.00	1767
87.00	65	154.00	57	223.00	184	444.00	114
91.00	200	155.00	188	224.00	1648		

Report Date: 23-Jun-2014 15:30:18 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 22-Jun-2014 10:04:30
Spectrum: Tune Spec: Scans 237-239(5.78-5.81) Bgrd 234(5.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
92.00	190	156.00	256	225.00	413		
93.00	975	160.00	66	227.00	648		

Report Date: 23-Jun-2014 15:30:18 Chrom Revision: 2.2 16-May-2014 10:46:48

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D

Injection Date: 22-Jun-2014 10:04:30 Instrument ID: CBNAMS4

Lims ID: DFTPP

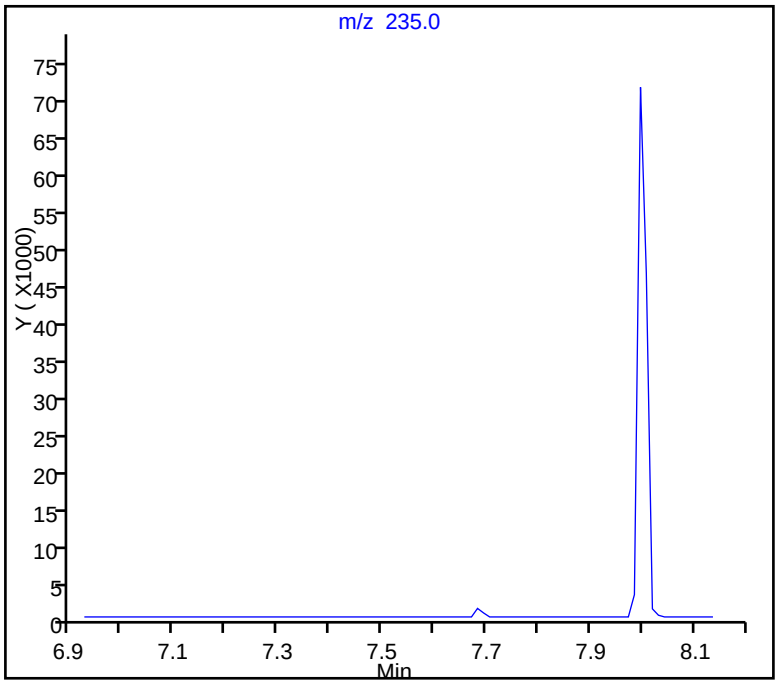
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

33 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

33 4,4'-DDT, Area = 84916
32 4,4'-DDD, Area = 0
30 4,4'-DDE, Area = 0

%Breakdown: 0.00%, Max Limit: 20.00%
Passed

Report Date: 23-Jun-2014 15:30:18 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

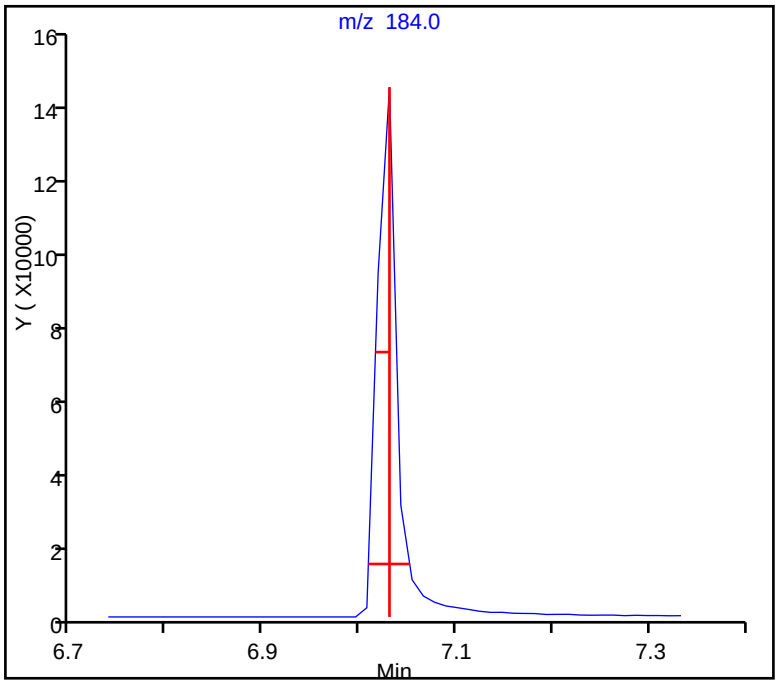
Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D
Injection Date: 22-Jun-2014 10:04:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

31 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Report Date: 23-Jun-2014 15:30:18 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

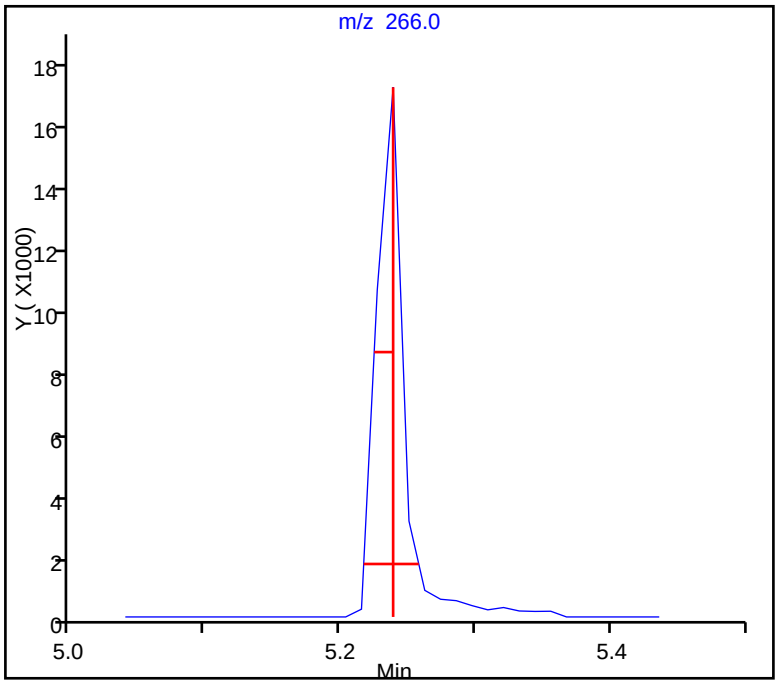
Data File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96980.D
Injection Date: 22-Jun-2014 10:04:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 24-Jun-2014 12:19:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 20:05:18 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: zhaoc Date: 24-Jun-2014 12:27:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
6 Pentachlorophenol_T	266	5.231	5.231	0.000	0	20798	NR	NR	7
29 DFTPP									
31 Benzidine_T	184	7.034	7.034	0.000	0	242526	NR	NR	7
32 4,4'-DDD	235	7.700	7.700	0.000	0	1564		NR	7
33 4,4'-DDT	235	8.014	8.014	0.000	0	94198	NR	NR	7

QC Flag Legend

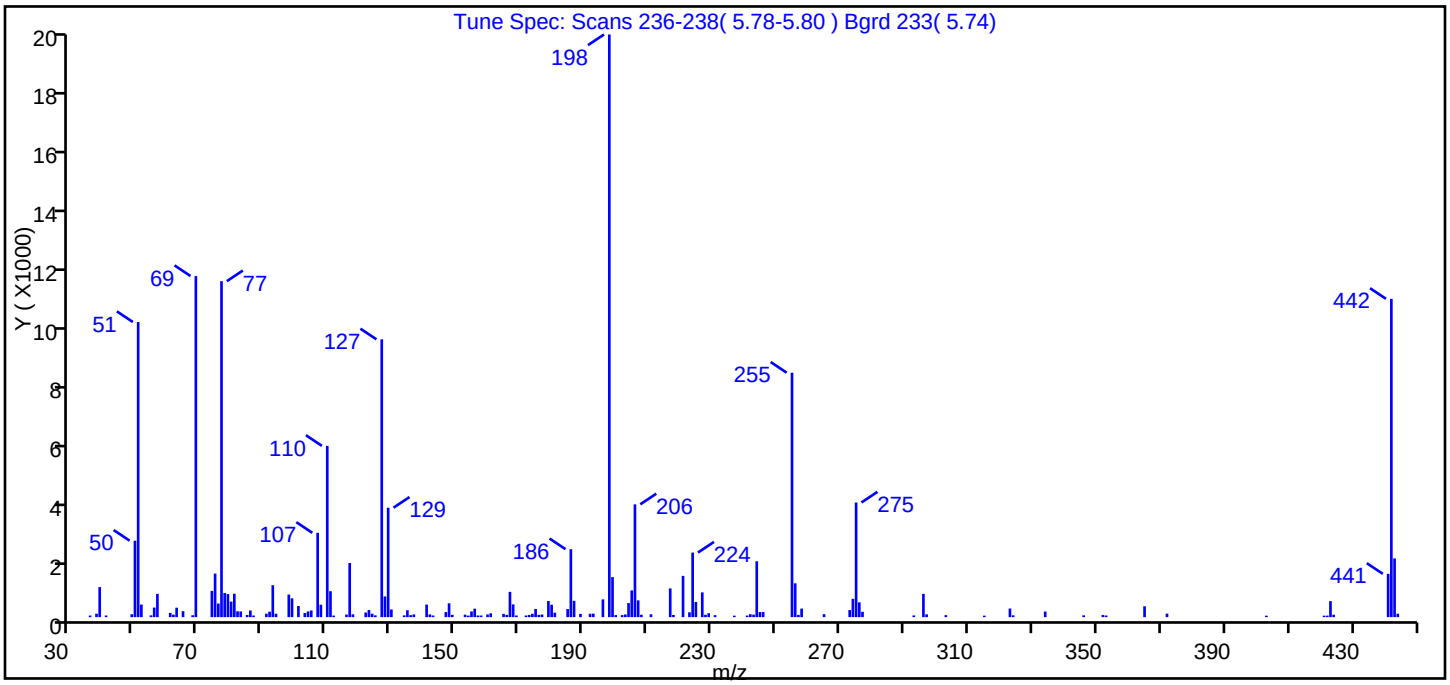
Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D
Injection Date: 24-Jun-2014 12:19:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL
Tune Method: DFTPP Method 8270

29 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.70
68	Less than 2.00% of mass 69	0.30 (0.60)
69	Present	58.50
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.90
275	10.00 - 30.00% of mass 198	19.70
365	Greater than 1.00% of mass 198	1.90
441	Present, but less than mass 443	7.40 (73.80)
442	Greater than 40.00% of mass 198	54.60
443	17.00 - 23.00% of mass 442	10.10 (18.40)

Report Date: 24-Jun-2014 20:05:20 Chrom Revision: 2.2 16-May-2014 10:46:48

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 24-Jun-2014 12:19:30
Spectrum: Tune Spec: Scans 236-238(5.78-5.80) Bgrd 233(5.74)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 155

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	54	105.00	226	169.00	56	241.00	54
38.00	116	107.00	2843	172.00	55	242.00	99
39.00	1014	108.00	419	173.00	75	243.00	84
41.00	56	110.00	5775	174.00	114	244.00	1884
49.00	97	111.00	875	175.00	276	245.00	172
50.00	2578	112.00	53	176.00	77	246.00	172
51.00	9952	116.00	87	177.00	88	255.00	8243
52.00	425	117.00	1825	179.00	543	256.00	1141
55.00	61	118.00	95	180.00	419	257.00	76
56.00	323	122.00	156	181.00	151	258.00	288
57.00	786	123.00	241	185.00	273	265.00	99
61.00	143	124.00	116	186.00	2292	273.00	239
62.00	84	125.00	60	187.00	551	274.00	617
63.00	318	127.00	9368	189.00	110	275.00	3866
65.00	201	128.00	697	192.00	114	276.00	499
68.00	64	129.00	3690	193.00	118	277.00	181
69.00	11502	130.00	259	196.00	599	293.00	58
74.00	884	134.00	60	198.00	19648	296.00	784
75.00	1470	135.00	233	199.00	1350	297.00	94
76.00	458	136.00	67	200.00	69	303.00	68
77.00	11329	137.00	92	202.00	69	315.00	51
78.00	815	141.00	423	203.00	91	323.00	290
79.00	779	142.00	92	204.00	474	324.00	61
80.00	523	143.00	55	205.00	901	334.00	189
81.00	789	147.00	171	206.00	3804	346.00	61
82.00	197	148.00	467	207.00	566	352.00	73
83.00	193	149.00	79	208.00	80	353.00	55
85.00	72	153.00	83	211.00	97	365.00	366
86.00	225	154.00	52	217.00	968	372.00	118
87.00	55	155.00	192	218.00	73	403.00	50
91.00	116	156.00	285	221.00	1391	421.00	51
92.00	184	157.00	55	223.00	163	422.00	51
93.00	1077	158.00	55	224.00	2178	423.00	540

Report Date: 24-Jun-2014 20:05:20 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 24-Jun-2014 12:19:30
Spectrum: Tune Spec: Scans 236-238(5.78-5.80) Bgrd 233(5.74)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 155

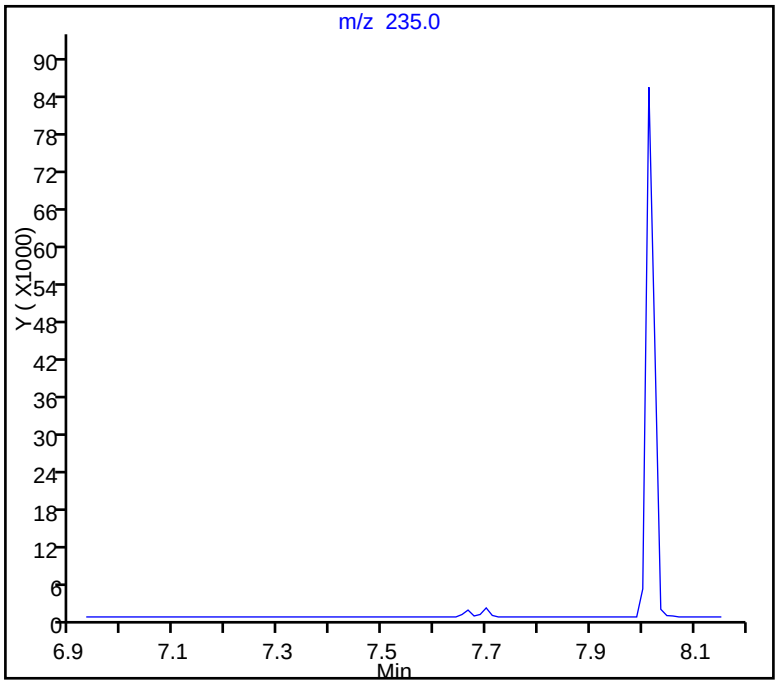
m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	115	160.00	91	225.00	513	424.00	80
98.00	762	161.00	130	227.00	835	441.00	1460
99.00	634	165.00	110	228.00	80	442.00	10733
101.00	376	166.00	76	229.00	132	443.00	1979
103.00	140	167.00	853	231.00	67	444.00	115
104.00	193	168.00	429	237.00	50		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D
Injection Date: 24-Jun-2014 12:19:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

33 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

33 4,4'-DDT, Area = 94198
32 4,4'-DDD, Area = 1564
30 4,4'-DDE, Area = 0

%Breakdown: 1.63%, Max Limit: 20.00%
Passed

Report Date: 24-Jun-2014 20:05:20 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

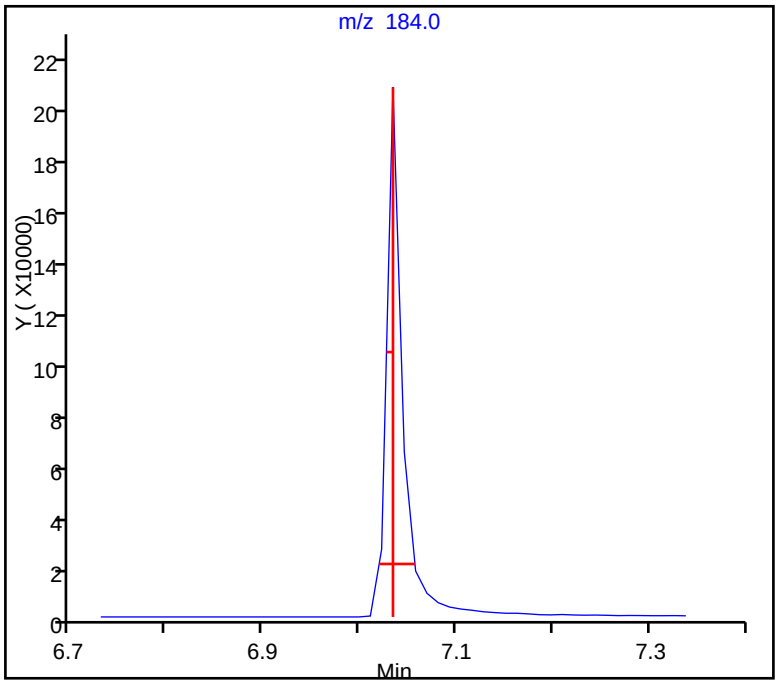
Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D
Injection Date: 24-Jun-2014 12:19:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

31 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.6, Max. Tailing < 2.00
Passed



Report Date: 24-Jun-2014 20:05:20 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

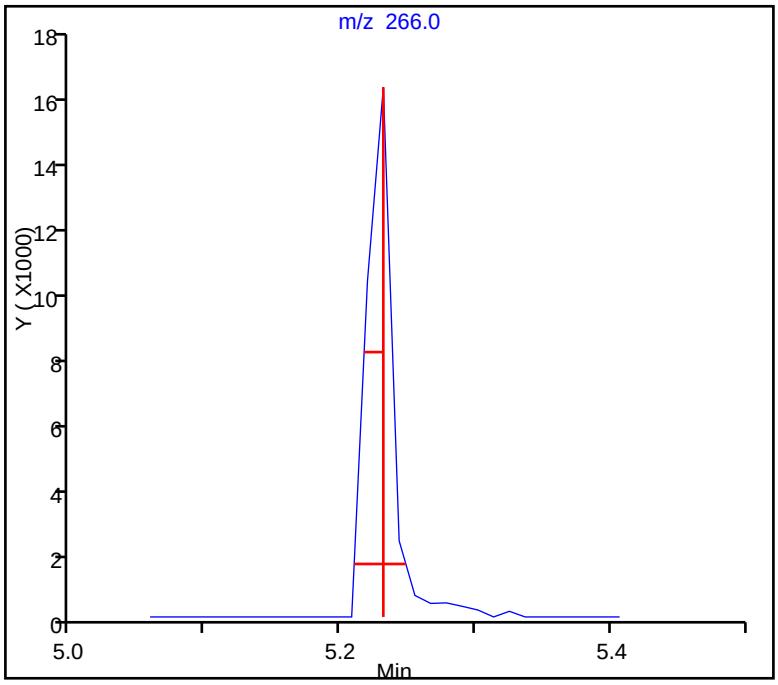
Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97044.D
Injection Date: 24-Jun-2014 12:19:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 25-Jun-2014 01:22:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014984-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 25-Jun-2014 09:47:34 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: bayoumiw Date: 25-Jun-2014 01:47:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
6 Pentachlorophenol_T	266	5.239	5.239	0.000	0	20320	NR	NR	7
29 DFTPP									
31 Benzidine_T	184	7.045	7.045	0.000	0	223904	NR	NR	7
32 4,4'-DDD	235	7.709	7.709	0.000	0	1282		NR	7
33 4,4'-DDT	235	8.024	8.024	0.000	0	82448	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

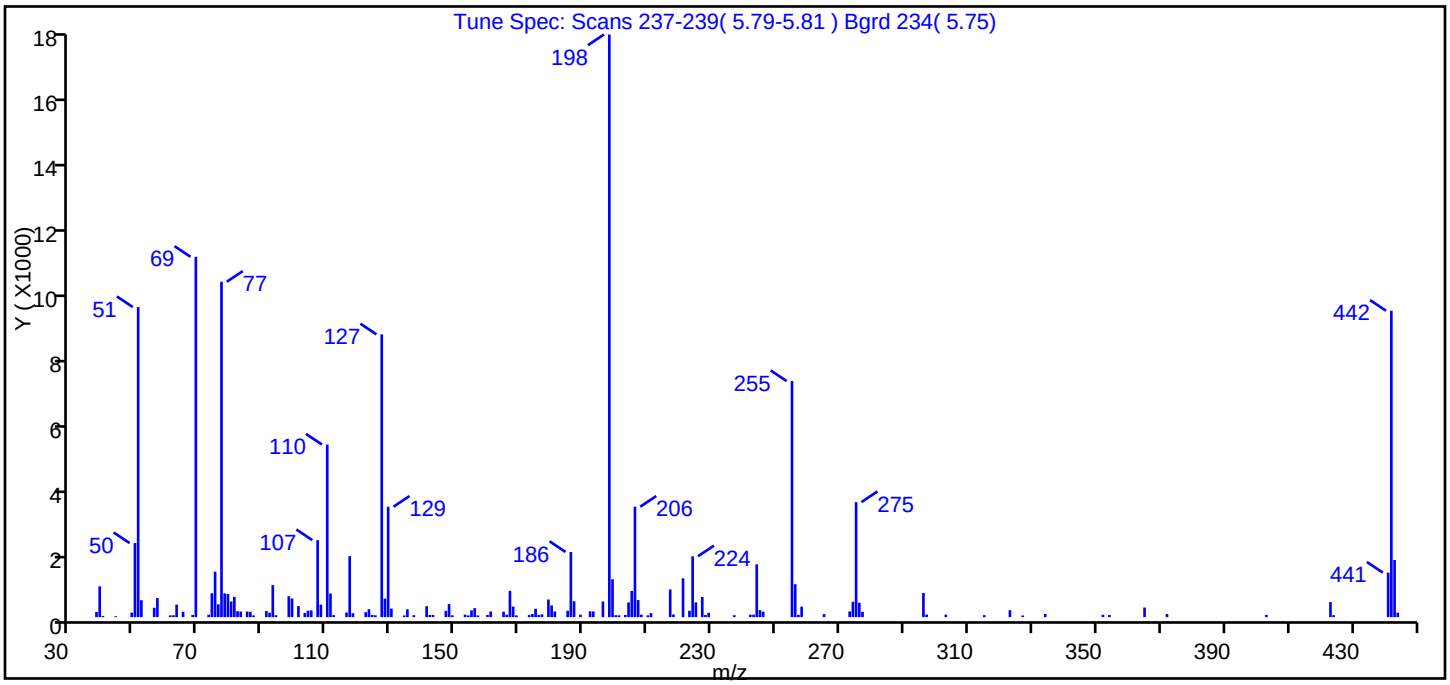
Report Date: 25-Jun-2014 09:47:35 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D
Injection Date: 25-Jun-2014 01:22:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL
Tune Method: DFTPP Method 8270

29 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.20
68	Less than 2.00% of mass 69	0.40 (0.60)
69	Present	61.80
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	19.70
365	Greater than 1.00% of mass 198	1.60
441	Present, but less than mass 443	7.60 (77.90)
442	Greater than 40.00% of mass 198	52.60
443	17.00 - 23.00% of mass 442	9.80 (18.70)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 25-Jun-2014 01:22:30
Spectrum: Tune Spec: Scans 237-239(5.79-5.81) Bgrd 234(5.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 147

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	158	103.00	132	167.00	806	228.00	64
39.00	942	104.00	199	168.00	323	229.00	131
40.00	38	105.00	207	169.00	54	237.00	60
44.00	29	107.00	2356	173.00	63	242.00	73
49.00	137	108.00	384	174.00	95	243.00	76
50.00	2265	110.00	5280	175.00	257	244.00	1616
51.00	9485	111.00	723	176.00	69	245.00	215
52.00	519	112.00	62	177.00	85	246.00	167
56.00	286	116.00	142	179.00	540	255.00	7221
57.00	583	117.00	1866	180.00	358	256.00	1008
61.00	55	118.00	120	181.00	173	257.00	71
62.00	58	122.00	153	185.00	193	258.00	322
63.00	383	123.00	243	186.00	1994	265.00	93
65.00	164	124.00	67	187.00	487	273.00	175
68.00	67	125.00	57	189.00	74	274.00	472
69.00	11022	127.00	8650	192.00	178	275.00	3519
73.00	72	128.00	567	193.00	175	276.00	441
74.00	729	129.00	3378	196.00	479	277.00	162
75.00	1392	130.00	261	198.00	17824	296.00	739
76.00	392	134.00	52	199.00	1160	297.00	79
77.00	10261	135.00	239	200.00	59	303.00	76
78.00	727	137.00	61	201.00	55	315.00	61
79.00	708	141.00	334	203.00	65	323.00	214
80.00	480	142.00	66	204.00	452	327.00	51
81.00	620	143.00	66	205.00	802	334.00	100
82.00	182	147.00	194	206.00	3379	352.00	72
83.00	172	148.00	401	207.00	523	354.00	68
85.00	173	149.00	56	208.00	76	365.00	294
86.00	164	153.00	77	210.00	55	372.00	95
87.00	53	154.00	53	211.00	124	403.00	67
91.00	186	155.00	207	217.00	847	423.00	460
92.00	137	156.00	274	218.00	83	424.00	61
93.00	980	157.00	53	221.00	1188	441.00	1362

Report Date: 25-Jun-2014 09:47:35 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D\8270_SIMLVI_4.rslt\spectra.d
Injection Date: 25-Jun-2014 01:22:30
Spectrum: Tune Spec: Scans 237-239(5.79-5.81) Bgrd 234(5.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 147

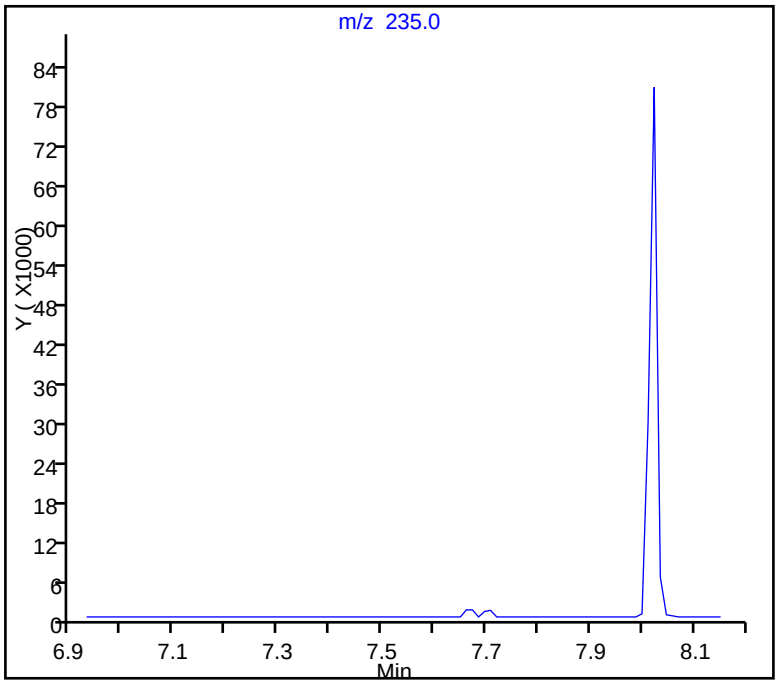
m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	59	160.00	68	223.00	196	442.00	9373
98.00	641	161.00	174	224.00	1862	443.00	1749
99.00	572	165.00	167	225.00	452	444.00	137
101.00	339	166.00	74	227.00	616		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D
Injection Date: 25-Jun-2014 01:22:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

33 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

33 4,4'-DDT, Area = 82448
32 4,4'-DDD, Area = 1282
30 4,4'-DDE, Area = 0

%Breakdown: 1.53%, Max Limit: 20.00%
Passed

Report Date: 25-Jun-2014 09:47:34 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

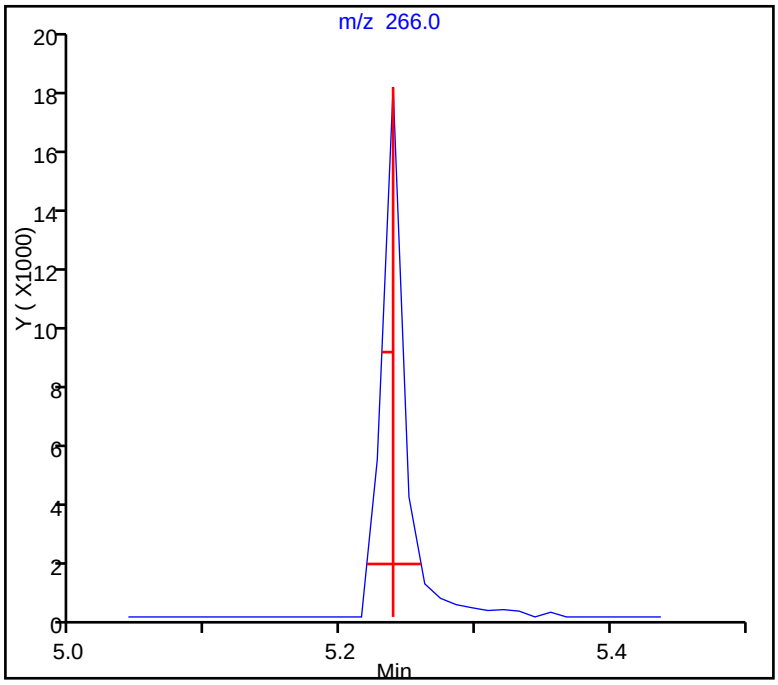
Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D
Injection Date: 25-Jun-2014 01:22:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Report Date: 25-Jun-2014 09:47:34 Chrom Revision: 2.2 16-May-2014 10:46:48

Peak Tailing Report

TestAmerica Edison

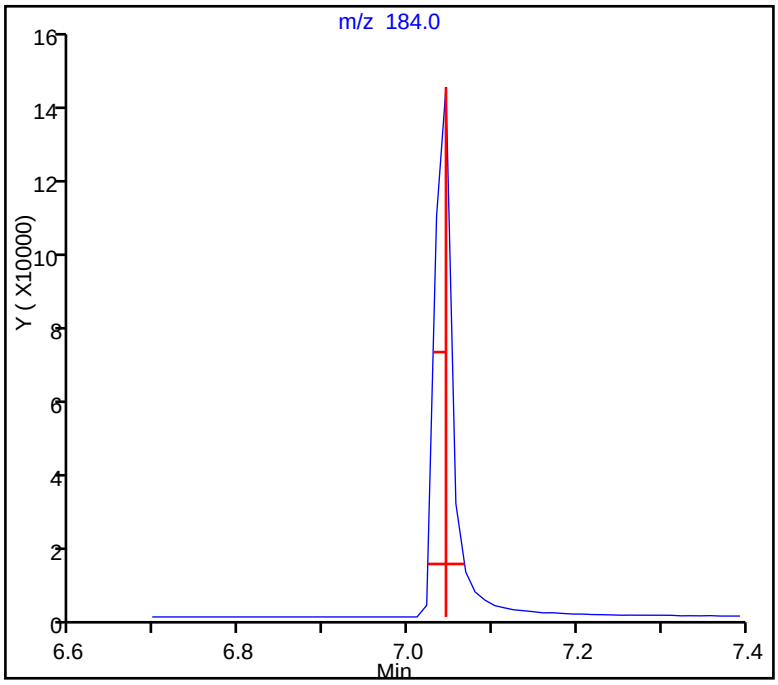
Data File: \\EDICHROM\ChromData\CBNAMS4\20140625-14984.b\U97073.D
Injection Date: 25-Jun-2014 01:22:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_SIMLVI_4 Limit Group: SV 8270D SIM ICAL

31 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231898/1-A

Matrix: Water | Lab File ID: U97046.D

Analysis Method: 8270D SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/20/2014 13:06

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2014 14:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 232519 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.035	U	0.050	0.035
50-32-8	Benzo[a]pyrene	0.048	U	0.050	0.048
205-99-2	Benzo[b]fluoranthene	0.030	U	0.050	0.030
87-86-5	Pentachlorophenol	0.14	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.0065	U	0.020	0.0065

Report Date: 25-Jun-2014 08:17:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97046.D
Lims ID: MB 460-231898/1-A
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2014 14:12:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014966-003
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\8270_SIMLVI_4.m
Limit Group: SV 8270D SIM ICAL
Last Update: 24-Jun-2014 23:04:38 Calib Date: 22-Jun-2014 17:03:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140622-14886.b\U96986.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: zhaoc Date: 25-Jun-2014 08:17:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 3 1,4-Dichlorobenzene-d4	152	4.416	4.412	0.004	91	17658	0.2000	0.2000	
* 4 Naphthalene-d8	136	5.700	5.696	0.004	95	29571	0.2000	0.2000	
5 Naphthalene	128	5.715	5.711	0.004	100	2953		0.008125	
* 8 Acenaphthene-d10	164	7.447	7.440	0.007	96	17340	0.2000	0.2000	
9 Acenaphthene	154	7.472	7.476	-0.004	96	809		0.003699	
* 13 Phenanthrene-d10	188	8.919	8.906	0.013	100	32246	0.2000	0.2000	
* 19 Chrysene-d12	240	11.698	11.694	0.004	82	15189	0.2000	0.2000	
* 24 Perylene-d12	264	13.638	13.628	0.010	100	16315	0.2000	0.2000	

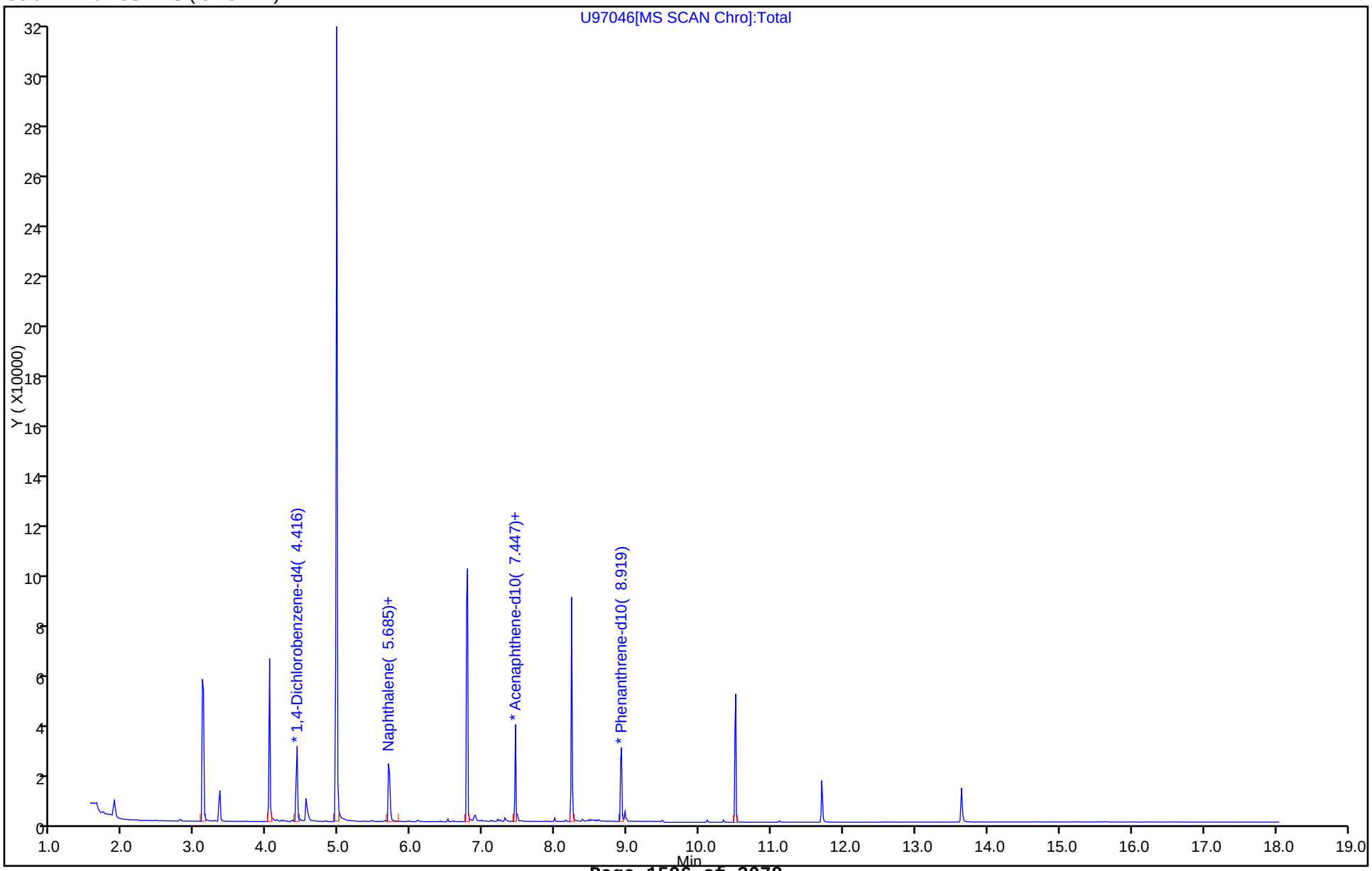
Report Date: 25-Jun-2014 08:17:58 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140624-14966.b\U97046.D

Injection Date:	24-Jun-2014 14:12:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	MB 460-231898/1-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_SIMLVI_4	Limit Group:	SV 8270D SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 06/22/2014 10:04

Analysis Batch Number: 232139 End Date: 06/22/2014 17:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232139/1		06/22/2014 10:04	1	U96980.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-232139/2		06/22/2014 14:30	1	U96981.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232139/3		06/22/2014 14:52	1	U96982.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232139/4		06/22/2014 15:15	1	U96983.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232139/5		06/22/2014 15:37	1	U96984.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232139/6		06/22/2014 16:31	1	U96985.D	Rtxi-5Sil MS 0.25(mm)
IC 460-232139/7		06/22/2014 17:03	1	U96986.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 06/24/2014 12:19

Analysis Batch Number: 232519 End Date: 06/24/2014 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232519/1		06/24/2014 12:19	1	U97044.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-232519/2		06/24/2014 13:44	1	U97045.D	Rtxi-5Sil MS 0.25(mm)
MB 460-231898/1-A		06/24/2014 14:12	1	U97046.D	Rtxi-5Sil MS 0.25(mm)
460-78044-8	TWP-1	06/24/2014 14:35	1	U97047.D	Rtxi-5Sil MS 0.25(mm)
460-78044-9	TWP-4	06/24/2014 14:57	1	U97048.D	Rtxi-5Sil MS 0.25(mm)
460-78044-10	TWP-5	06/24/2014 15:19	1	U97049.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 17:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 17:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2014 17:45	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 06/25/2014 01:22

Analysis Batch Number: 232632 End Date: 06/25/2014 11:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-232632/1		06/25/2014 01:22	1	U97073.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-232632/2		06/25/2014 01:45	1	U97074.D	Rtxi-5Sil MS 0.25(mm)
460-78044-11	TWP-7	06/25/2014 04:06	1	U97080.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 10:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 11:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/25/2014 11:33	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231898 Batch Start Date: 06/20/14 13:05 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNASurroga 00004
MB 460-231898/1		3510C, 8270D SIM		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-78044-F-8	TWP-1	3510C, 8270D SIM	T	7 SU	200 mL	2 mL	<2 SU	>12 SU	200 uL
460-78044-G-9	TWP-4	3510C, 8270D SIM	T	8 SU	210 mL	2 mL	<2 SU	>12 SU	200 uL
460-78044-F-10	TWP-5	3510C, 8270D SIM	T	7 SU	210 mL	2 mL	<2 SU	>12 SU	200 uL
460-78044-F-11	TWP-7	3510C, 8270D SIM	T	8 SU	230 mL	2 mL	<2 SU	>12 SU	200 uL

Batch Notes	
Acid used for pH adjustment	sulfuric acid
Acid used for pH adjust Lot #	68555
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	op 968
Batch Comment	3510C_ LVI 8270D
Person's name who did the concentration	WT
N-evap #	222299
N-evap temperature	25 Celsius
Na2SO4 Lot Number	342501
Prep Solvent Lot #	73346
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 ml mL
Person's name who did the prep	WT
Uncorrected N-evap Temperature	25 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8081B

Organochlorine Pesticides by Gas Chromatography

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

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 #
S-1	460-78044-1	87	84	78	81
S-2	460-78044-2	82	77	77	78
S-3	460-78044-3	82	79	61 X	79
S-4	460-78044-4	85	84	85	105
S-5	460-78044-5	87	76	84	87
S-6	460-78044-6	85	75	78	89
S-7	460-78044-7	91	86	84	91
	MB 460-231796/1-A	78	73	77	80
	LCS 460-231796/2-A	84	78	78	80
	460-78073-E-5-C MS	96	86	88	91
	460-78073-E-5-D MSD	95	87	89	95

	QC LIMITS
TCX = Tetrachloro-m-xylene	72-136
DCB = DCB Decachlorobiphenyl	76-149

Column to be used to flag recovery values

FORM II 8081B

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water 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 #
TWP-1	460-78044-8	63	68	48	66
TWP-4	460-78044-9	82	83	51	50
TWP-5	460-78044-10	78	77	49	61
TWP-7	460-78044-11	68	84	27 p	94
	MB 460-231851/1-A	97	100	63	65
	LCS 460-231851/2-A	99	84	35	42
	LCSD 460-231851/3-A	99	83	33	41

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-147
DCB = DCB Decachlorobiphenyl	26-150

Column to be used to flag recovery values

FORM II 8081B

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR492687.D

Lab ID: LCS 460-231796/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	0.133	0.114	85	53-126	
Aldrin	0.133	0.117	88	53-126	
alpha-BHC	0.133	0.117	87	50-129	
alpha-BHC	0.133	0.116	87	50-129	
beta-BHC	0.133	0.122	91	51-131	
beta-BHC	0.133	0.111	83	51-131	
delta-BHC	0.133	0.121	90	40-130	
delta-BHC	0.133	0.117	88	40-130	
gamma-BHC (Lindane)	0.133	0.123	92	52-129	
gamma-BHC (Lindane)	0.133	0.117	88	52-129	
4,4'-DDD	0.133	0.118	89	50-131	
4,4'-DDD	0.133	0.114	86	50-131	
4,4'-DDE	0.133	0.119	89	49-130	
4,4'-DDE	0.133	0.112	84	49-130	
4,4'-DDT	0.133	0.107	80	48-132	
4,4'-DDT	0.133	0.109	81	48-132	
Dieldrin	0.133	0.116	87	48-126	
Dieldrin	0.133	0.110	82	48-126	
Endosulfan I	0.133	0.117	88	53-127	
Endosulfan I	0.133	0.110	82	53-127	
Endosulfan II	0.133	0.110	83	52-127	
Endosulfan II	0.133	0.115	86	52-127	
Endosulfan sulfate	0.133	0.109	82	52-124	
Endosulfan sulfate	0.133	0.110	83	52-124	
Endrin	0.133	0.108	81	48-126	
Endrin	0.133	0.107	81	48-126	
Endrin aldehyde	0.133	0.115	86	57-124	
Endrin aldehyde	0.133	0.110	82	57-124	
Heptachlor	0.133	0.114	85	52-128	
Heptachlor	0.133	0.108	81	52-128	
Heptachlor epoxide	0.133	0.112	84	53-122	
Heptachlor epoxide	0.133	0.103	78	53-122	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: VR492735.D

Lab ID: LCS 460-231851/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	1.60	1.89	118	65-147	
Aldrin	1.60	1.88	118	65-147	
alpha-BHC	1.60	1.92	120	69-147	
alpha-BHC	1.60	1.83	115	69-147	
beta-BHC	1.60	2.10	131	65-142	
beta-BHC	1.60	1.83	114	65-142	
delta-BHC	1.60	1.66	104	66-142	
delta-BHC	1.60	1.58	99	66-142	
gamma-BHC (Lindane)	1.60	2.04	128	70-148	
gamma-BHC (Lindane)	1.60	1.88	118	70-148	
4,4'-DDD	1.60	2.09	131	67-150	
4,4'-DDD	1.60	1.99	124	67-150	
4,4'-DDE	1.60	2.02	126	67-145	
4,4'-DDE	1.60	1.92	120	67-145	
4,4'-DDT	1.60	1.91	119	62-138	
4,4'-DDT	1.60	1.89	118	62-138	
Dieldrin	1.60	2.00	125	69-140	
Dieldrin	1.60	1.91	119	69-140	
Endosulfan I	1.60	2.03	127	69-145	
Endosulfan I	1.60	1.89	118	69-145	
Endosulfan II	1.60	1.90	119	74-143	
Endosulfan II	1.60	1.96	123	74-143	
Endosulfan sulfate	1.60	1.81	113	75-141	
Endosulfan sulfate	1.60	1.90	119	75-141	
Endrin	1.60	1.99	124	62-150	
Endrin	1.60	1.95	122	62-150	
Endrin aldehyde	1.60	1.69	106	76-136	
Endrin aldehyde	1.60	1.67	104	76-136	
Endrin ketone	1.60	1.83	115	78-149	
Endrin ketone	1.60	1.66	104	78-149	
Heptachlor	1.60	1.91	119	66-146	
Heptachlor	1.60	1.73	108	66-146	
Heptachlor epoxide	1.60	1.95	122	68-147	
Heptachlor epoxide	1.60	1.77	111	68-147	
Methoxychlor	1.60	2.12	132	67-136	
Methoxychlor	1.60	1.82	114	67-136	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water Level: Low Lab File ID: VR492736.D

Lab ID: LCSD 460-231851/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	1.60	1.86	116	1	30	65-147	
Aldrin	1.60	1.89	118	0	30	65-147	
alpha-BHC	1.60	1.90	119	1	30	69-147	
alpha-BHC	1.60	1.82	113	1	30	69-147	
beta-BHC	1.60	2.09	130	1	30	65-142	
beta-BHC	1.60	1.82	114	0	30	65-142	
delta-BHC	1.60	1.64	103	1	30	66-142	
delta-BHC	1.60	1.58	99	0	30	66-142	
gamma-BHC (Lindane)	1.60	2.02	126	1	30	70-148	
gamma-BHC (Lindane)	1.60	1.87	117	0	30	70-148	
4,4'-DDD	1.60	2.05	128	2	30	67-150	
4,4'-DDD	1.60	2.00	125	1	30	67-150	
4,4'-DDE	1.60	1.98	124	2	30	67-145	
4,4'-DDE	1.60	1.91	120	0	30	67-145	
4,4'-DDT	1.60	1.89	118	0	30	62-138	
4,4'-DDT	1.60	1.90	119	1	30	62-138	
Dieldrin	1.60	1.97	123	2	30	69-140	
Dieldrin	1.60	1.89	118	1	30	69-140	
Endosulfan I	1.60	2.00	125	1	30	69-145	
Endosulfan I	1.60	1.89	118	0	30	69-145	
Endosulfan II	1.60	1.87	117	2	30	74-143	
Endosulfan II	1.60	1.97	123	0	30	74-143	
Endosulfan sulfate	1.60	1.77	111	2	30	75-141	
Endosulfan sulfate	1.60	1.92	120	1	30	75-141	
Endrin	1.60	1.95	122	2	30	62-150	
Endrin	1.60	1.94	121	1	30	62-150	
Endrin aldehyde	1.60	1.66	104	0	30	76-136	
Endrin aldehyde	1.60	1.68	105	0	30	76-136	
Endrin ketone	1.60	1.81	113	1	30	78-149	
Endrin ketone	1.60	1.67	104	0	30	78-149	
Heptachlor	1.60	1.88	118	1	30	66-146	
Heptachlor	1.60	1.74	109	1	30	66-146	
Heptachlor epoxide	1.60	1.92	120	2	30	68-147	
Heptachlor epoxide	1.60	1.78	111	0	30	68-147	
Methoxychlor	1.60	2.12	132	0	30	67-136	
Methoxychlor	1.60	1.81	113	0	30	67-136	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR492688.D

Lab ID: 460-78073-E-5-C MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	0.149	0.0016 U	0.139	93	69-138	
Aldrin	0.149	0.0016 U	0.146	98	69-138	
alpha-BHC	0.149	0.0017 U	0.143	96	68-133	
alpha-BHC	0.149	0.0017 U	0.141	94	68-133	
beta-BHC	0.149	0.0018 U	0.149	100	67-137	
beta-BHC	0.149	0.0018 U	0.133	89	67-137	
delta-BHC	0.149	0.0013 U	0.148	99	65-141	
delta-BHC	0.149	0.0013 U	0.143	96	65-141	
gamma-BHC (Lindane)	0.149	0.0013 U	0.150	100	68-134	
gamma-BHC (Lindane)	0.149	0.0013 U	0.143	96	68-134	
4,4'-DDD	0.149	0.0015 U	0.148	99	69-150	
4,4'-DDD	0.149	0.0015 U	0.144	96	69-150	
4,4'-DDE	0.149	0.0015 U	0.145	97	70-147	
4,4'-DDE	0.149	0.0015 U	0.139	93	70-147	
4,4'-DDT	0.149	0.0018 U	0.129	86	63-146	
4,4'-DDT	0.149	0.0018 U	0.131	88	63-146	
Dieldrin	0.149	0.0013 U	0.141	94	63-129	
Dieldrin	0.149	0.0013 U	0.134	90	63-129	
Endosulfan I	0.149	0.0017 U	0.143	95	69-140	
Endosulfan I	0.149	0.0017 U	0.134	90	69-140	
Endosulfan II	0.149	0.0015 U	0.133	89	66-136	
Endosulfan II	0.149	0.0015 U	0.141	94	66-136	
Endosulfan sulfate	0.149	0.0015 U	0.134	90	65-137	
Endosulfan sulfate	0.149	0.0015 U	0.131	88	65-137	
Endrin	0.149	0.0018 U	0.134	90	67-142	
Endrin	0.149	0.0018 U	0.135	90	67-142	
Endrin aldehyde	0.149	0.0011 U	0.139	93	67-134	
Endrin aldehyde	0.149	0.0011 U	0.133	89	67-134	
Heptachlor	0.149	0.0018 U	0.138	93	67-136	
Heptachlor	0.149	0.0018 U	0.131	87	67-136	
Heptachlor epoxide	0.149	0.0017 U	0.136	91	68-136	
Heptachlor epoxide	0.149	0.0017 U	0.126	85	68-136	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR492689.D

Lab ID: 460-78073-E-5-D MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	0.150	0.149	99	7	30	69-138	
Aldrin	0.150	0.155	103	6	30	69-138	
alpha-BHC	0.150	0.152	102	6	30	68-133	
alpha-BHC	0.150	0.146	98	4	30	68-133	
beta-BHC	0.150	0.158	105	6	30	67-137	
beta-BHC	0.150	0.136	91	2	30	67-137	
delta-BHC	0.150	0.158	106	6	30	65-141	
delta-BHC	0.150	0.147	98	3	30	65-141	
gamma-BHC (Lindane)	0.150	0.160	107	7	30	68-134	
gamma-BHC (Lindane)	0.150	0.148	99	4	30	68-134	
4,4'-DDD	0.150	0.158	106	7	30	69-150	
4,4'-DDD	0.150	0.154	103	7	30	69-150	
4,4'-DDE	0.150	0.153	102	5	30	70-147	
4,4'-DDE	0.150	0.149	100	7	30	70-147	
4,4'-DDT	0.150	0.138	92	7	30	63-146	
4,4'-DDT	0.150	0.141	94	7	30	63-146	
Dieldrin	0.150	0.148	99	5	30	63-129	
Dieldrin	0.150	0.143	96	6	30	63-129	
Endosulfan I	0.150	0.151	101	6	30	69-140	
Endosulfan I	0.150	0.143	96	7	30	69-140	
Endosulfan II	0.150	0.142	95	6	30	66-136	
Endosulfan II	0.150	0.150	100	7	30	66-136	
Endosulfan sulfate	0.150	0.143	96	7	30	65-137	
Endosulfan sulfate	0.150	0.142	95	8	30	65-137	
Endrin	0.150	0.142	95	6	30	67-142	
Endrin	0.150	0.144	96	6	30	67-142	
Endrin aldehyde	0.150	0.149	99	7	30	67-134	
Endrin aldehyde	0.150	0.143	95	7	30	67-134	
Heptachlor	0.150	0.148	99	7	30	67-136	
Heptachlor	0.150	0.136	91	4	30	67-136	
Heptachlor epoxide	0.150	0.146	97	7	30	68-136	
Heptachlor epoxide	0.150	0.135	90	6	30	68-136	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: MB 460-231796/1-A

Matrix: Solid Date Extracted: 06/20/2014 03:13

Lab File ID:(1) VR492686.D Lab File ID:(2) VR492686.D

Date Analyzed:(1) 06/20/2014 12:32 Date Analyzed:(2) 06/20/2014 12:32

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

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 460-231796/2-A	06/20/2014 12:44	06/20/2014 12:44
	460-78073-E-5-C MS	06/20/2014 12:55	06/20/2014 12:55
	460-78073-E-5-D MSD	06/20/2014 13:07	06/20/2014 13:07
S-1	460-78044-1	06/20/2014 13:18	06/20/2014 13:18
S-2	460-78044-2	06/20/2014 13:30	06/20/2014 13:30
S-3	460-78044-3	06/20/2014 13:41	06/20/2014 13:41
S-4	460-78044-4	06/20/2014 13:53	06/20/2014 13:53
S-5	460-78044-5	06/20/2014 14:04	06/20/2014 14:04
S-6	460-78044-6	06/20/2014 14:16	06/20/2014 14:16
S-7	460-78044-7	06/20/2014 14:27	06/20/2014 14:27

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: MB 460-231851/1-A

Matrix: Water Date Extracted: 06/20/2014 10:09

Lab File ID:(1) VR492734.D Lab File ID:(2) VR492734.D

Date Analyzed:(1) 06/21/2014 16:32 Date Analyzed:(2) 06/21/2014 16:32

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

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 460-231851/2-A	06/21/2014 16:44	06/21/2014 16:44
	LCSD 460-231851/3-A	06/21/2014 16:56	06/21/2014 16:56
TWP-1	460-78044-8	06/21/2014 17:30	06/21/2014 17:30
TWP-4	460-78044-9	06/21/2014 17:42	06/21/2014 17:42
TWP-5	460-78044-10	06/21/2014 17:53	06/21/2014 17:53
TWP-7	460-78044-11	06/21/2014 18:05	06/21/2014 18:05

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVRT 460-231911/1 Date Analyzed: 06/20/2014 11:38

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR492683.D Heated Purge: (Y/N) N

Calibration ID: 40185

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.21	7.07	
UPPER LIMIT				2.26	7.17	
LOWER LIMIT				2.16	6.97	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-231911/1		06/20/2014 11:38	VR492683.D	2.21	7.07	
MB 460-231796/1-A		06/20/2014 12:32	VR492686.D	2.22	7.07	
LCS 460-231796/2-A		06/20/2014 12:44	VR492687.D	2.21	7.07	
460-78073-E-5-C MS		06/20/2014 12:55	VR492688.D	2.21	7.06	
460-78073-E-5-D MSD		06/20/2014 13:07	VR492689.D	2.21	7.07	
460-78044-1	S-1	06/20/2014 13:18	VR492690.D	2.21	7.07	
460-78044-2	S-2	06/20/2014 13:30	VR492691.D	2.21	7.07	
460-78044-3	S-3	06/20/2014 13:41	VR492692.D	2.21	7.07	
460-78044-4	S-4	06/20/2014 13:53	VR492693.D	2.21	7.06	
460-78044-5	S-5	06/20/2014 14:04	VR492694.D	2.21	7.07	
460-78044-6	S-6	06/20/2014 14:16	VR492695.D	2.21	7.07	
460-78044-7	S-7	06/20/2014 14:27	VR492696.D	2.21	7.06	
CCV 460-231911/25		06/20/2014 16:34	VR492707.D	2.21	7.07	

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 8081B

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVRT 460-231911/1 Date Analyzed: 06/20/2014 11:38

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR492683.D Heated Purge: (Y/N) N

Calibration ID: 40186

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.89	6.07	
UPPER LIMIT				1.94	6.17	
LOWER LIMIT				1.84	5.97	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-231911/1		06/20/2014 11:38	VR492683.D	1.89	6.07	
MB 460-231796/1-A		06/20/2014 12:32	VR492686.D	1.89	6.07	
LCS 460-231796/2-A		06/20/2014 12:44	VR492687.D	1.89	6.07	
460-78073-E-5-C MS		06/20/2014 12:55	VR492688.D	1.89	6.07	
460-78073-E-5-D MSD		06/20/2014 13:07	VR492689.D	1.89	6.07	
460-78044-1	S-1	06/20/2014 13:18	VR492690.D	1.89	6.07	
460-78044-2	S-2	06/20/2014 13:30	VR492691.D	1.89	6.07	
460-78044-3	S-3	06/20/2014 13:41	VR492692.D	1.90	6.07	
460-78044-4	S-4	06/20/2014 13:53	VR492693.D	1.89	6.07	
460-78044-5	S-5	06/20/2014 14:04	VR492694.D	1.89	6.07	
460-78044-6	S-6	06/20/2014 14:16	VR492695.D	1.90	6.07	
460-78044-7	S-7	06/20/2014 14:27	VR492696.D	1.90	6.07	
CCV 460-231911/25		06/20/2014 16:34	VR492707.D	1.90	6.07	

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 8081B

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVRT 460-232099/20 Date Analyzed: 06/21/2014 15:58

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR492731.D Heated Purge: (Y/N) N

Calibration ID: 40185

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.21	7.06	
UPPER LIMIT				2.26	7.16	
LOWER LIMIT				2.16	6.96	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-232099/20		06/21/2014 15:58	VR492731.D	2.21	7.06	
MB 460-231851/1-A		06/21/2014 16:32	VR492734.D	2.21	7.06	
LCS 460-231851/2-A		06/21/2014 16:44	VR492735.D	2.21	7.06	
LCSD 460-231851/3-A		06/21/2014 16:56	VR492736.D	2.21	7.06	
460-78044-8	TWP-1	06/21/2014 17:30	VR492739.D	2.21	7.06	
460-78044-9	TWP-4	06/21/2014 17:42	VR492740.D	2.21	7.06	
460-78044-10	TWP-5	06/21/2014 17:53	VR492741.D	2.21	7.06	
460-78044-11	TWP-7	06/21/2014 18:05	VR492742.D	2.21	7.06	
CCV 460-232099/43		06/21/2014 20:23	VR492754.D	2.21	7.06	

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 8081B

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Sample No.: CCVRT 460-232099/20 Date Analyzed: 06/21/2014 15:58

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR492731.D Heated Purge: (Y/N) N

Calibration ID: 40186

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.89	6.06	
UPPER LIMIT				1.94	6.16	
LOWER LIMIT				1.84	5.96	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-232099/20		06/21/2014 15:58	VR492731.D	1.89	6.06	
MB 460-231851/1-A		06/21/2014 16:32	VR492734.D	1.89	6.06	
LCS 460-231851/2-A		06/21/2014 16:44	VR492735.D	1.89	6.07	
LCSD 460-231851/3-A		06/21/2014 16:56	VR492736.D	1.89	6.07	
460-78044-8	TWP-1	06/21/2014 17:30	VR492739.D	1.89	6.06	
460-78044-9	TWP-4	06/21/2014 17:42	VR492740.D	1.89	6.06	
460-78044-10	TWP-5	06/21/2014 17:53	VR492741.D	1.90	6.06	
460-78044-11	TWP-7	06/21/2014 18:05	VR492742.D	1.89	6.06	
CCV 460-232099/43		06/21/2014 20:23	VR492754.D	1.89	6.07	

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 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-231796/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 06/20/2014 12:44 Date Analyzed (2): 06/20/2014 12:44

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		2.19	2.15	2.25	0.116		0.9
	2		2.62	2.57	2.67	0.117		
gamma-BHC (Lindane)	1		2.38	2.33	2.43	0.117		4.2
	2		2.88	2.83	2.93	0.123		
beta-BHC	1		2.43	2.38	2.48	0.111		9.8
	2		2.93	2.88	2.98	0.122		
delta-BHC	1		2.54	2.50	2.60	0.117		2.7
	2		3.17	3.13	3.23	0.121		
Heptachlor	1		2.67	2.62	2.72	0.108		4.7
	2		3.24	3.20	3.30	0.114		
Aldrin	1		2.87	2.83	2.93	0.117		2.9
	2		3.54	3.49	3.59	0.114		
Heptachlor epoxide	1		3.31	3.25	3.39	0.103		8.1
	2		4.12	4.06	4.20	0.112		
4,4'-DDE	1		3.59	3.52	3.66	0.112		6.1
	2		4.65	4.59	4.73	0.119		
Endosulfan I	1		3.65	3.58	3.72	0.110		6.3
	2		4.57	4.50	4.64	0.117		
Dieldrin	1		3.87	3.81	3.95	0.110		5.4
	2		4.83	4.76	4.90	0.116		
Endrin	1		4.12	4.06	4.20	0.107		0.2
	2		5.06	4.99	5.13	0.108		
4,4'-DDD	1		4.19	4.13	4.27	0.114		3.5
	2		5.12	5.05	5.19	0.118		
Endosulfan II	1		4.36	4.30	4.44	0.115		4.1
	2		5.21	5.14	5.28	0.110		
4,4'-DDT	1		4.49	4.43	4.57	0.109		1.5
	2		5.34	5.27	5.41	0.107		
Endrin aldehyde	1		4.76	4.70	4.84	0.110		4.5
	2		5.43	5.36	5.50	0.115		
Endosulfan sulfate	1		4.93	4.86	5.00	0.110		1.2
	2		5.63	5.57	5.71	0.109		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-78073-E-5-C MS

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 06/20/2014 12:55 Date Analyzed (2): 06/20/2014 12:55

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		2.19	2.15	2.25	0.141		1.5
	2		2.62	2.57	2.67	0.143		
gamma-BHC (Lindane)	1		2.38	2.33	2.43	0.143		4.8
	2		2.88	2.83	2.93	0.150		
beta-BHC	1		2.43	2.38	2.48	0.133		11.3
	2		2.93	2.88	2.98	0.149		
delta-BHC	1		2.54	2.50	2.60	0.143		3.7
	2		3.17	3.13	3.23	0.148		
Heptachlor	1		2.67	2.62	2.72	0.131		5.8
	2		3.24	3.20	3.30	0.138		
Aldrin	1		2.87	2.83	2.93	0.146		5.1
	2		3.54	3.49	3.59	0.139		
Heptachlor epoxide	1		3.31	3.25	3.39	0.126		7.4
	2		4.12	4.06	4.20	0.136		
4,4'-DDE	1		3.59	3.52	3.66	0.139		4.5
	2		4.65	4.59	4.73	0.145		
Endosulfan I	1		3.65	3.58	3.72	0.134		6.3
	2		4.57	4.50	4.64	0.143		
Dieldrin	1		3.88	3.81	3.95	0.134		4.5
	2		4.83	4.76	4.90	0.141		
Endrin	1		4.12	4.06	4.20	0.135		0.8
	2		5.06	4.99	5.13	0.134		
4,4'-DDD	1		4.19	4.13	4.27	0.144		2.8
	2		5.12	5.05	5.19	0.148		
Endosulfan II	1		4.36	4.30	4.44	0.141		5.4
	2		5.21	5.14	5.28	0.133		
4,4'-DDT	1		4.49	4.43	4.57	0.131		1.7
	2		5.34	5.27	5.41	0.129		
Endrin aldehyde	1		4.76	4.70	4.84	0.133		4.4
	2		5.43	5.36	5.50	0.139		
Endosulfan sulfate	1		4.93	4.86	5.00	0.131		2.1
	2		5.63	5.57	5.71	0.134		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-78073-E-5-D MSD

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 06/20/2014 13:07 Date Analyzed (2): 06/20/2014 13:07

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		2.20	2.15	2.25	0.146		3.9
	2		2.62	2.57	2.67	0.152		
gamma-BHC (Lindane)	1		2.38	2.33	2.43	0.148		7.8
	2		2.88	2.83	2.93	0.160		
beta-BHC	1		2.43	2.38	2.48	0.136		14.8
	2		2.93	2.88	2.98	0.158		
delta-BHC	1		2.54	2.50	2.60	0.147		7.1
	2		3.17	3.13	3.23	0.158		
Heptachlor	1		2.67	2.62	2.72	0.136		8.9
	2		3.24	3.20	3.30	0.148		
Aldrin	1		2.87	2.83	2.93	0.155		4.0
	2		3.54	3.49	3.59	0.149		
Heptachlor epoxide	1		3.31	3.25	3.39	0.135		7.8
	2		4.12	4.06	4.20	0.146		
4,4'-DDE	1		3.59	3.52	3.66	0.149		2.7
	2		4.66	4.59	4.73	0.153		
Endosulfan I	1		3.65	3.58	3.72	0.143		5.5
	2		4.57	4.50	4.64	0.151		
Dieldrin	1		3.88	3.81	3.95	0.143		3.2
	2		4.83	4.76	4.90	0.148		
Endrin	1		4.13	4.06	4.20	0.144		1.4
	2		5.06	4.99	5.13	0.142		
4,4'-DDD	1		4.19	4.13	4.27	0.154		2.4
	2		5.12	5.05	5.19	0.158		
Endosulfan II	1		4.36	4.30	4.44	0.150		5.8
	2		5.21	5.14	5.28	0.142		
4,4'-DDT	1		4.49	4.43	4.57	0.141		1.9
	2		5.34	5.27	5.41	0.138		
Endrin aldehyde	1		4.77	4.70	4.84	0.143		4.1
	2		5.43	5.36	5.50	0.149		
Endosulfan sulfate	1		4.93	4.86	5.00	0.142		0.9
	2		5.63	5.57	5.71	0.143		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-231851/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 06/21/2014 16:44 Date Analyzed (2): 06/21/2014 16:44

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		2.20	2.14	2.24	1.83		4.4
	2		2.62	2.57	2.67	1.92		
gamma-BHC (Lindane)	1		2.38	2.33	2.43	1.88		8.2
	2		2.88	2.83	2.93	2.04		
beta-BHC	1		2.43	2.38	2.48	1.83		13.9
	2		2.93	2.88	2.98	2.10		
delta-BHC	1		2.54	2.49	2.59	1.58		4.8
	2		3.17	3.12	3.22	1.66		
Heptachlor	1		2.67	2.62	2.72	1.73		9.4
	2		3.24	3.19	3.29	1.91		
Aldrin	1		2.87	2.82	2.92	1.88		0.1
	2		3.54	3.49	3.59	1.89		
Heptachlor epoxide	1		3.31	3.24	3.38	1.77		9.7
	2		4.12	4.05	4.19	1.95		
4,4'-DDE	1		3.59	3.52	3.66	1.92		4.8
	2		4.65	4.58	4.72	2.02		
Endosulfan I	1		3.65	3.58	3.72	1.89		6.9
	2		4.57	4.50	4.64	2.03		
Dieldrin	1		3.88	3.81	3.95	1.91		5.0
	2		4.83	4.76	4.90	2.00		
Endrin	1		4.13	4.06	4.20	1.95		1.7
	2		5.06	4.99	5.13	1.99		
4,4'-DDD	1		4.19	4.12	4.26	1.99		5.2
	2		5.12	5.05	5.19	2.09		
Endosulfan II	1		4.36	4.29	4.43	1.96		3.2
	2		5.21	5.14	5.28	1.90		
4,4'-DDT	1		4.49	4.42	4.56	1.89		1.2
	2		5.34	5.27	5.41	1.91		
Endrin aldehyde	1		4.77	4.69	4.83	1.67		1.1
	2		5.43	5.36	5.50	1.69		
Endosulfan sulfate	1		4.93	4.86	5.00	1.90		5.0
	2		5.63	5.56	5.70	1.81		
Methoxychlor	1		5.07	5.00	5.14	1.82		15.2
	2		5.87	5.80	5.94	2.12		
Endrin ketone	1		5.27	5.20	5.34	1.66		9.7
	2		6.10	6.03	6.17	1.83		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-231851/3-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 06/21/2014 16:56 Date Analyzed (2): 06/21/2014 16:56

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		2.20	2.14	2.24	1.82		4.5
	2		2.62	2.57	2.67	1.90		
gamma-BHC (Lindane)	1		2.38	2.33	2.43	1.87		7.3
	2		2.88	2.83	2.93	2.02		
beta-BHC	1		2.43	2.38	2.48	1.82		13.8
	2		2.93	2.88	2.98	2.09		
delta-BHC	1		2.55	2.49	2.59	1.58		3.6
	2		3.17	3.12	3.22	1.64		
Heptachlor	1		2.67	2.62	2.72	1.74		7.7
	2		3.24	3.19	3.29	1.88		
Aldrin	1		2.87	2.82	2.92	1.89		1.5
	2		3.54	3.49	3.59	1.86		
Heptachlor epoxide	1		3.31	3.24	3.38	1.78		7.4
	2		4.13	4.05	4.19	1.92		
4,4'-DDE	1		3.59	3.52	3.66	1.91		3.5
	2		4.66	4.58	4.72	1.98		
Endosulfan I	1		3.65	3.58	3.72	1.89		5.9
	2		4.57	4.50	4.64	2.00		
Dieldrin	1		3.88	3.81	3.95	1.89		4.0
	2		4.83	4.76	4.90	1.97		
Endrin	1		4.13	4.06	4.20	1.94		0.4
	2		5.06	4.99	5.13	1.95		
4,4'-DDD	1		4.19	4.12	4.26	2.00		2.5
	2		5.12	5.05	5.19	2.05		
Endosulfan II	1		4.36	4.29	4.43	1.97		5.1
	2		5.21	5.14	5.28	1.87		
4,4'-DDT	1		4.49	4.42	4.56	1.90		0.8
	2		5.34	5.27	5.41	1.89		
Endrin aldehyde	1		4.77	4.69	4.83	1.68		1.1
	2		5.43	5.36	5.50	1.66		
Endosulfan sulfate	1		4.93	4.86	5.00	1.92		8.0
	2		5.63	5.56	5.70	1.77		
Methoxychlor	1		5.08	5.00	5.14	1.81		15.4
	2		5.87	5.80	5.94	2.12		
Endrin ketone	1		5.27	5.20	5.34	1.67		8.4
	2		6.10	6.03	6.17	1.81		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 Lab Sample ID: 460-78044-1

Matrix: Solid Lab File ID: VR492690.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) Date Analyzed: 06/20/2014 13:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 22.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		72-136
2051-24-3	DCB Decachlorobiphenyl	81		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492690.D
Lims ID: 460-78044-F-1-C Lab Sample ID: 460-78044-1
Client ID: S-1
Sample Type: Client
Inject. Date: 20-Jun-2014 13:18:38 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 14:43:55

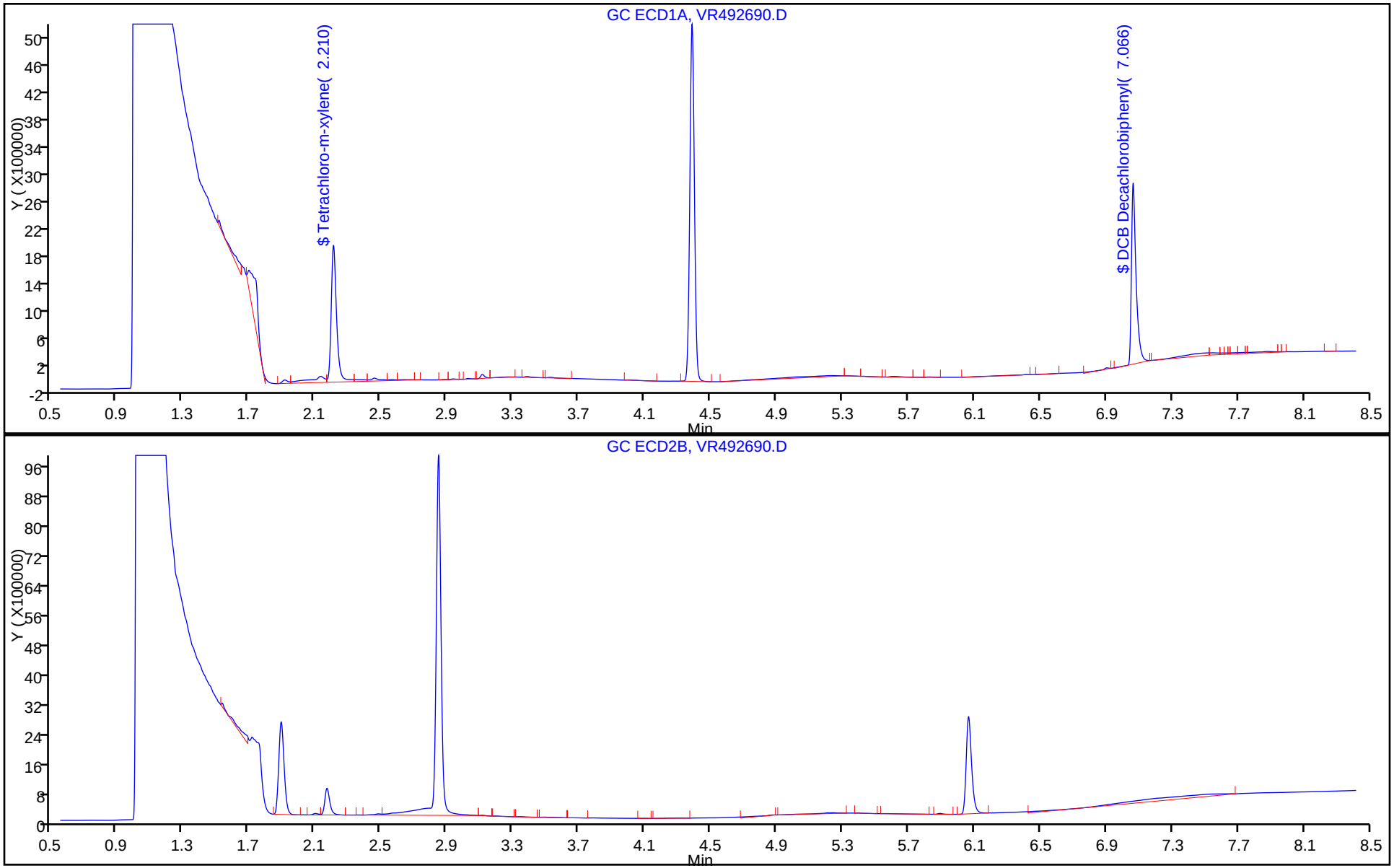
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.210	2.212	-0.002	4524150	42.0	
2	1.892	1.893	-0.001	5612445	43.4	
					RPD = 3.25	
$ 24 DCB Decachlorobiphenyl						
1	7.066	7.065	0.001	5150271	40.4	
2	6.066	6.068	-0.002	5931735	38.8	
					RPD = 4.19	

Report Date: 22-Jun-2014 12:53:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492690.D

Injection Date:	20-Jun-2014 13:18:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-1-C	Lab Sample ID:	460-78044-1	Worklist Smp#:	8
Client ID:	S-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-1 Lab Sample ID: 460-78044-1

Matrix: Solid Lab File ID: VR492690.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) Date Analyzed: 06/20/2014 13:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 22.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0018	U	0.0086	0.0018
319-84-6	alpha-BHC	0.0019	U	0.0086	0.0019
319-85-7	beta-BHC	0.0021	U	0.0086	0.0021
319-86-8	delta-BHC	0.0015	U	0.0086	0.0015
58-89-9	gamma-BHC (Lindane)	0.0015	U	0.0086	0.0015
57-74-9	Chlordane	0.024	U	0.086	0.024
72-54-8	4,4'-DDD	0.0017	U	0.0086	0.0017
72-55-9	4,4'-DDE	0.0017	U	0.0086	0.0017
50-29-3	4,4'-DDT	0.0021	U	0.0086	0.0021
60-57-1	Dieldrin	0.0015	U	0.0086	0.0015
959-98-8	Endosulfan I	0.0019	U	0.0086	0.0019
33213-65-9	Endosulfan II	0.0017	U	0.0086	0.0017
1031-07-8	Endosulfan sulfate	0.0017	U	0.0086	0.0017
72-20-8	Endrin	0.0021	U	0.0086	0.0021
7421-93-4	Endrin aldehyde	0.0013	U	0.0086	0.0013
76-44-8	Heptachlor	0.0021	U	0.0086	0.0021
1024-57-3	Heptachlor epoxide	0.0019	U	0.0086	0.0019
8001-35-2	Toxaphene	0.023	U	0.086	0.023

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		72-136
2051-24-3	DCB Decachlorobiphenyl	78		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492690.D
Lims ID: 460-78044-F-1-C Lab Sample ID: 460-78044-1
Client ID: S-1
Sample Type: Client
Inject. Date: 20-Jun-2014 13:18:38 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 14:43:55

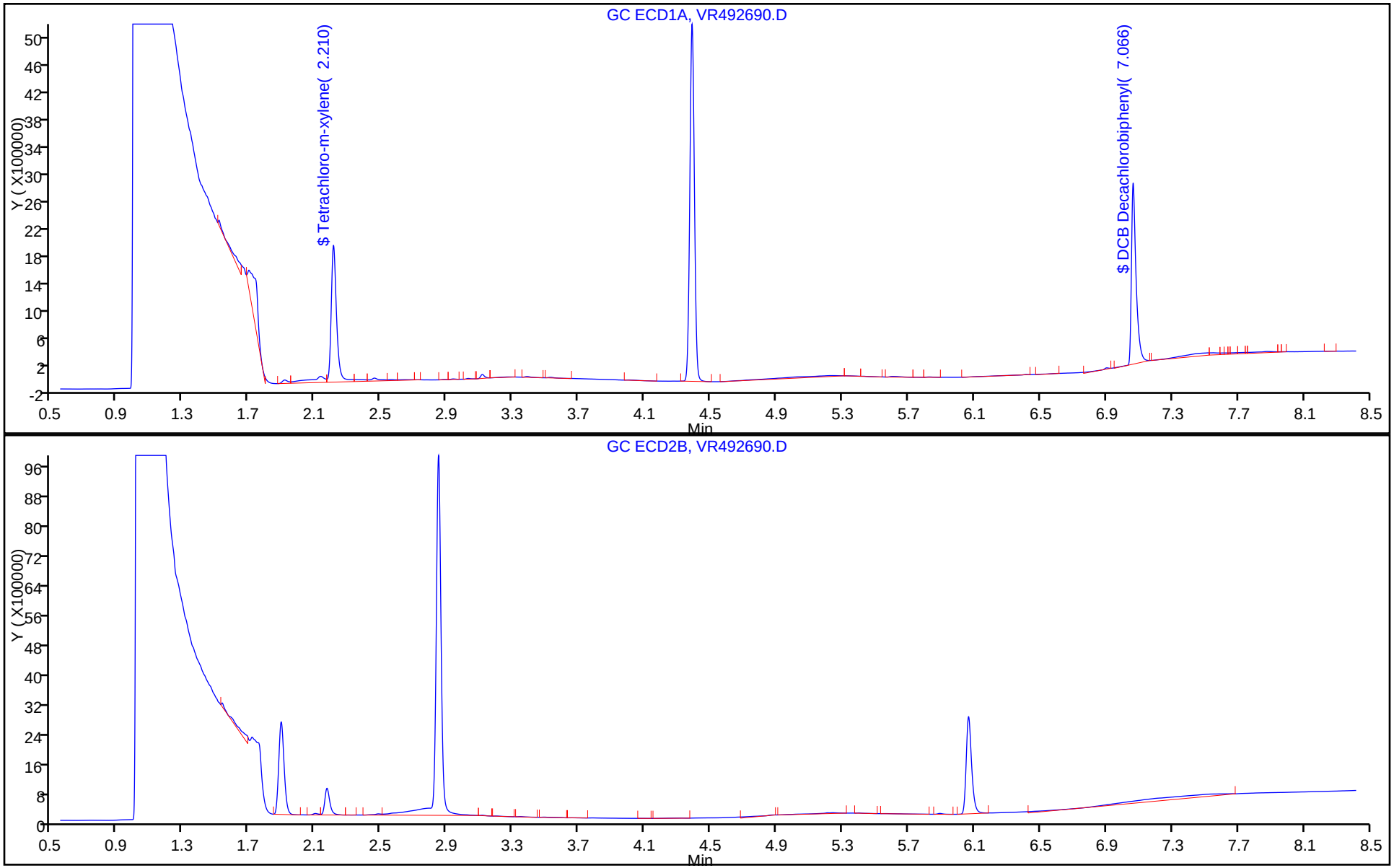
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.210	2.212	-0.002	4524150	42.0	
2	1.892	1.893	-0.001	5612445	43.4	
					RPD = 3.25	
$ 24 DCB Decachlorobiphenyl						
1	7.066	7.065	0.001	5150271	40.4	
2	6.066	6.068	-0.002	5931735	38.8	
					RPD = 4.19	

Report Date: 22-Jun-2014 12:53:03 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492690.D

Injection Date:	20-Jun-2014 13:18:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-1-C	Lab Sample ID:	460-78044-1	Worklist Smp#:	8
Client ID:	S-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 Lab Sample ID: 460-78044-2

Matrix: Solid Lab File ID: VR492691.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.05(g) Date Analyzed: 06/20/2014 13:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		72-136
2051-24-3	DCB Decachlorobiphenyl	78		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492691.D
Lims ID: 460-78044-F-2-C Lab Sample ID: 460-78044-2
Client ID: S-2
Sample Type: Client
Inject. Date: 20-Jun-2014 13:30:09 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.210	2.212	-0.002	4149339	38.5	
2	1.892	1.893	-0.001	5324965	41.2	
					RPD = 6.64	
$ 24 DCB Decachlorobiphenyl						M
1	7.066	7.065	0.001	5020247	38.9	
2	6.067	6.068	-0.001	5925574	38.7	M
					RPD = 0.42	

QC Flag Legend

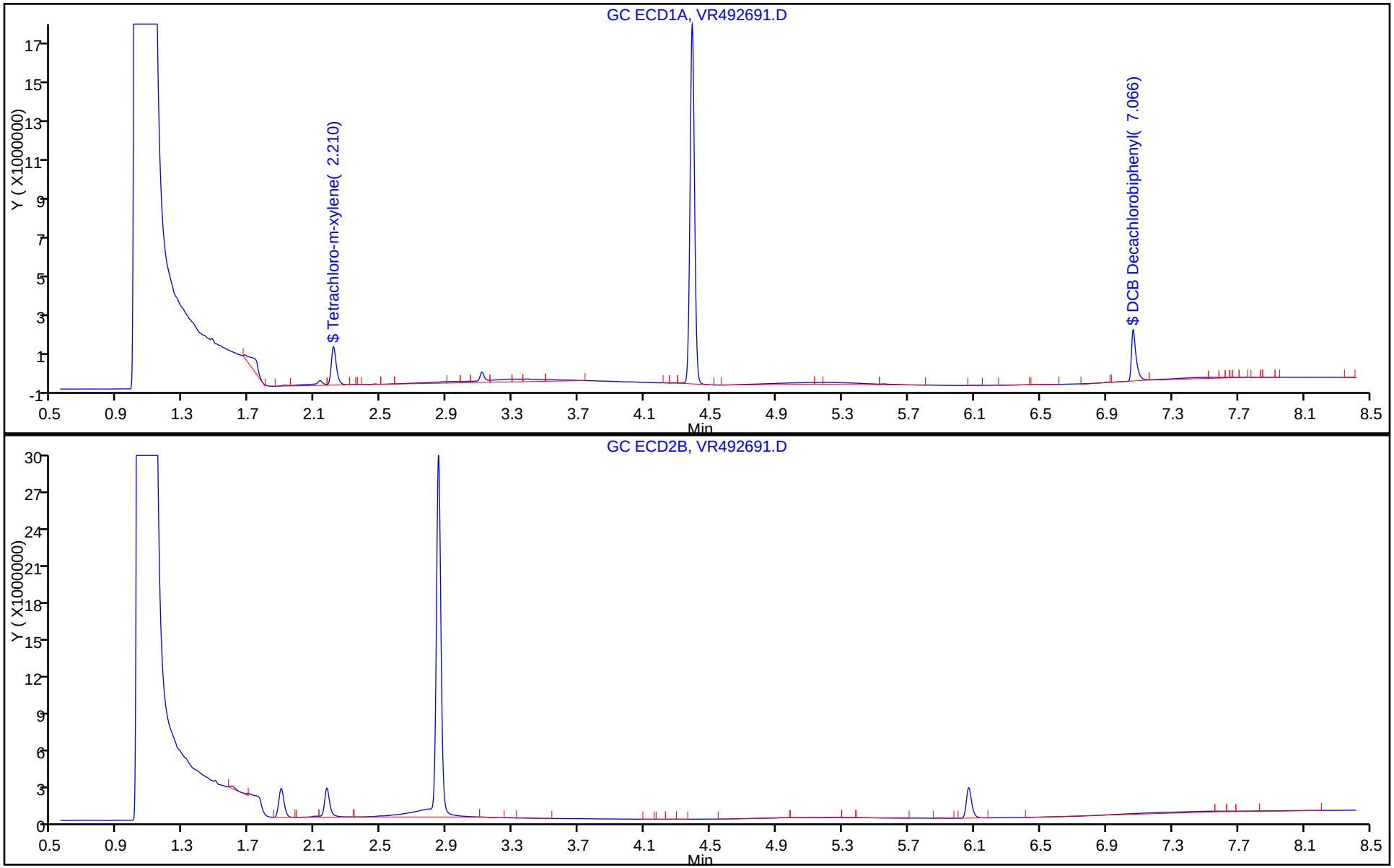
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:53:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492691.D

Injection Date:	20-Jun-2014 13:30:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-2-C	Lab Sample ID:	460-78044-2	Worklist Smp#:	9
Client ID:	S-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-2 Lab Sample ID: 460-78044-2

Matrix: Solid Lab File ID: VR492691.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.05(g) Date Analyzed: 06/20/2014 13:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0017	U	0.0082	0.0017
319-84-6	alpha-BHC	0.0018	U	0.0082	0.0018
319-85-7	beta-BHC	0.0020	U	0.0082	0.0020
319-86-8	delta-BHC	0.0015	U	0.0082	0.0015
58-89-9	gamma-BHC (Lindane)	0.0015	U	0.0082	0.0015
57-74-9	Chlordane	0.023	U	0.082	0.023
72-54-8	4,4'-DDD	0.0016	U	0.0082	0.0016
72-55-9	4,4'-DDE	0.0016	U	0.0082	0.0016
50-29-3	4,4'-DDT	0.0020	U	0.0082	0.0020
60-57-1	Dieldrin	0.0015	U	0.0082	0.0015
959-98-8	Endosulfan I	0.0018	U	0.0082	0.0018
33213-65-9	Endosulfan II	0.0016	U	0.0082	0.0016
1031-07-8	Endosulfan sulfate	0.0016	U	0.0082	0.0016
72-20-8	Endrin	0.0020	U	0.0082	0.0020
7421-93-4	Endrin aldehyde	0.0012	U	0.0082	0.0012
76-44-8	Heptachlor	0.0020	U	0.0082	0.0020
1024-57-3	Heptachlor epoxide	0.0018	U	0.0082	0.0018
8001-35-2	Toxaphene	0.022	U	0.082	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		72-136
2051-24-3	DCB Decachlorobiphenyl	77		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492691.D
Lims ID: 460-78044-F-2-C Lab Sample ID: 460-78044-2
Client ID: S-2
Sample Type: Client
Inject. Date: 20-Jun-2014 13:30:09 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.210	2.212	-0.002	4149339	38.5	
2	1.892	1.893	-0.001	5324965	41.2	
					RPD = 6.64	
$ 24 DCB Decachlorobiphenyl						M
1	7.066	7.065	0.001	5020247	38.9	
2	6.067	6.068	-0.001	5925574	38.7	M
					RPD = 0.42	

QC Flag Legend

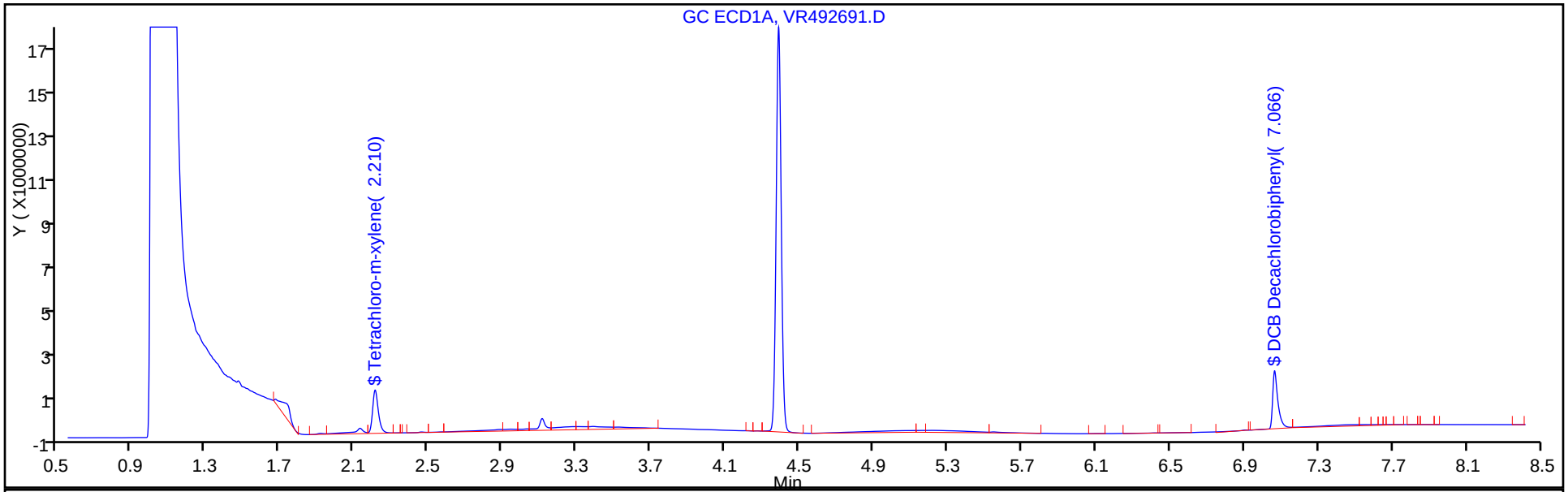
Review Flags
M - Manually Integrated

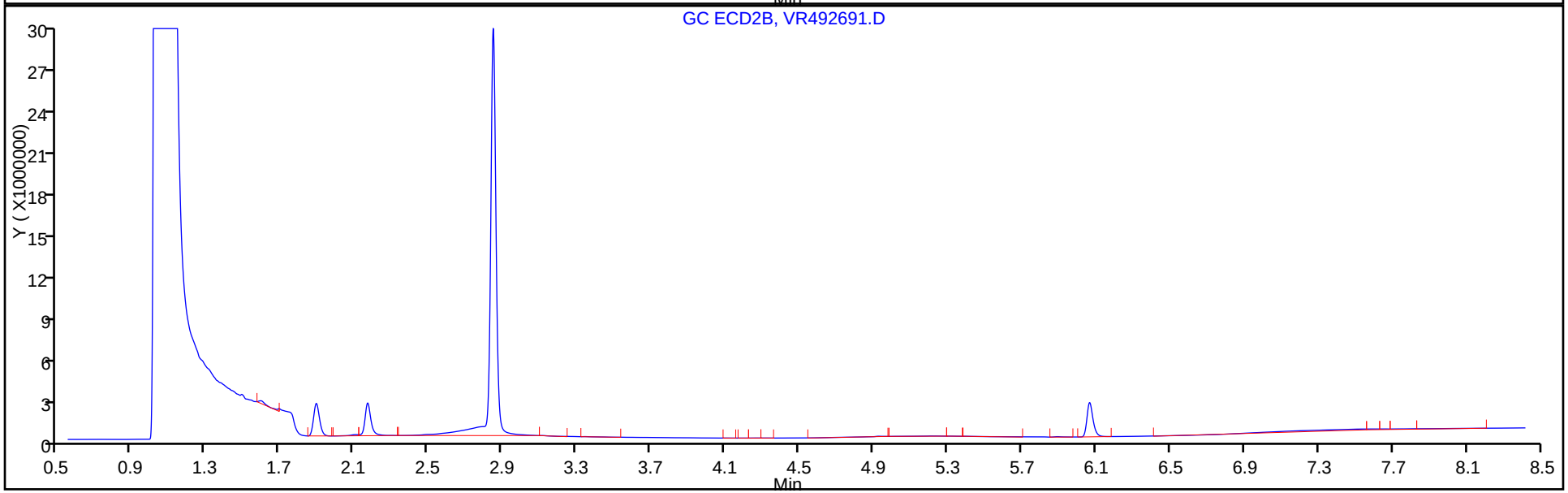
Report Date: 22-Jun-2014 12:53:04 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492691.D

Injection Date:	20-Jun-2014 13:30:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-2-C	Lab Sample ID:	460-78044-2	Worklist Smp#:	9
Client ID:	S-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

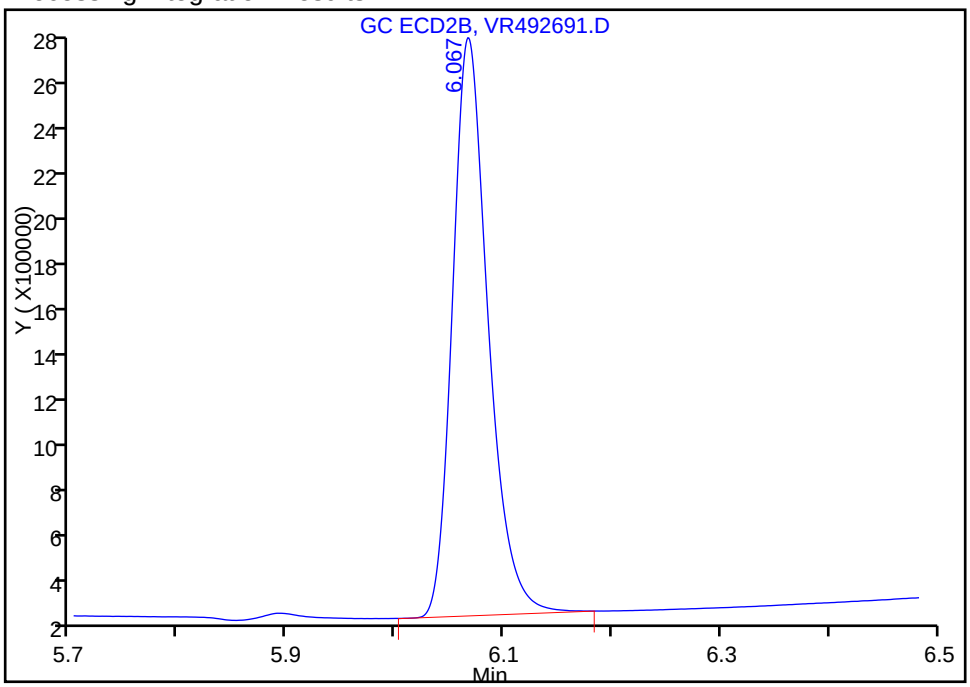
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492691.D				
Injection Date:	20-Jun-2014 13:30:09	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-2-C	Lab Sample ID:	460-78044-2		
Client ID:	S-2				
Operator ID:	615	ALS Bottle#:	34	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

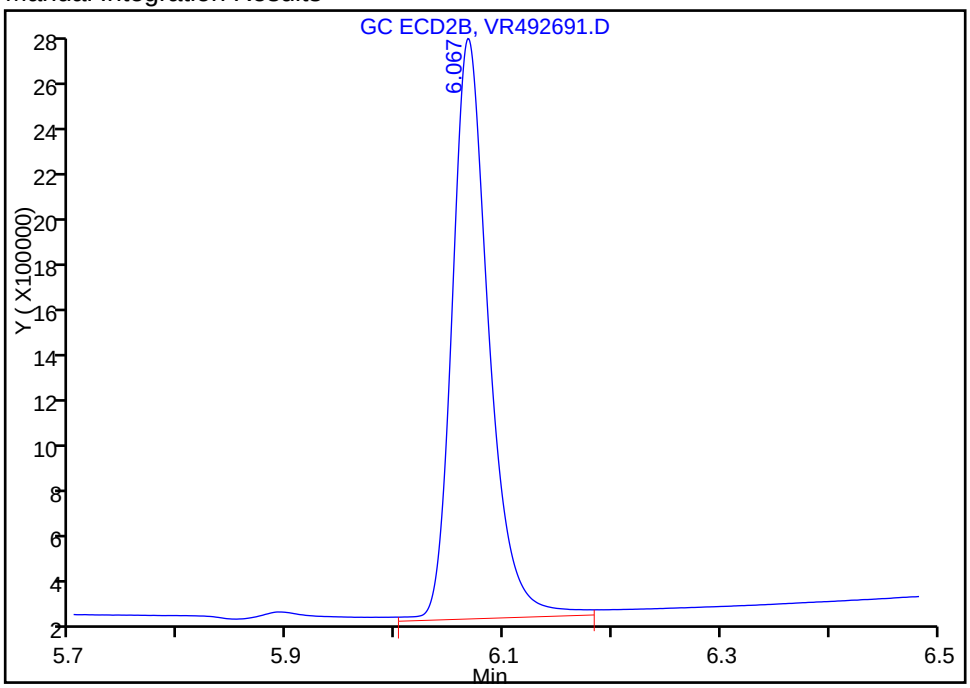
Processing Integration Results

RT: 6.07
Response: 5714368
Amount: 36.289982



Manual Integration Results

RT: 6.07
Response: 5925574
Amount: 38.690294



Reviewer: foleysont, 22-Jun-2014 12:50:45
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 Lab Sample ID: 460-78044-3

Matrix: Solid Lab File ID: VR492692.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.04(g) Date Analyzed: 06/20/2014 13:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		72-136
2051-24-3	DCB Decachlorobiphenyl	79		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492692.D
Lims ID: 460-78044-F-3-C Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 20-Jun-2014 13:41:40 ALS Bottle#: 35 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4251065	39.5	
2	1.895	1.893	0.002	5271802	40.8	
					RPD = 3.22	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5064315	39.4	
2	6.068	6.068	0.000	5194562	30.3	M
					RPD = 25.95	

QC Flag Legend

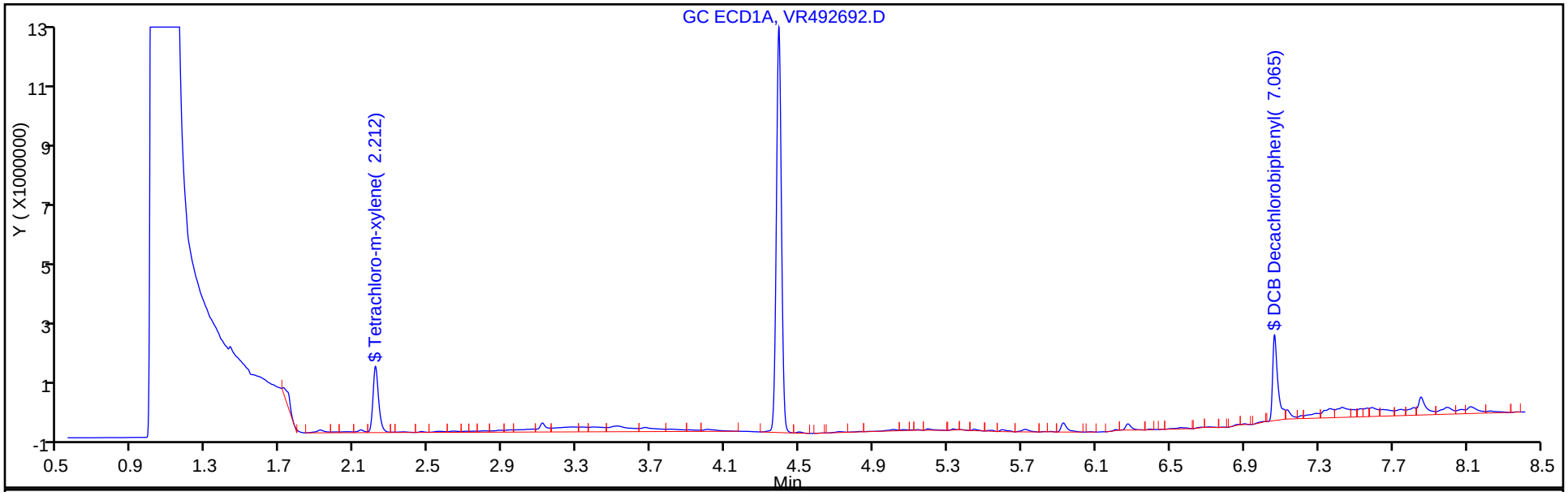
Review Flags
M - Manually Integrated

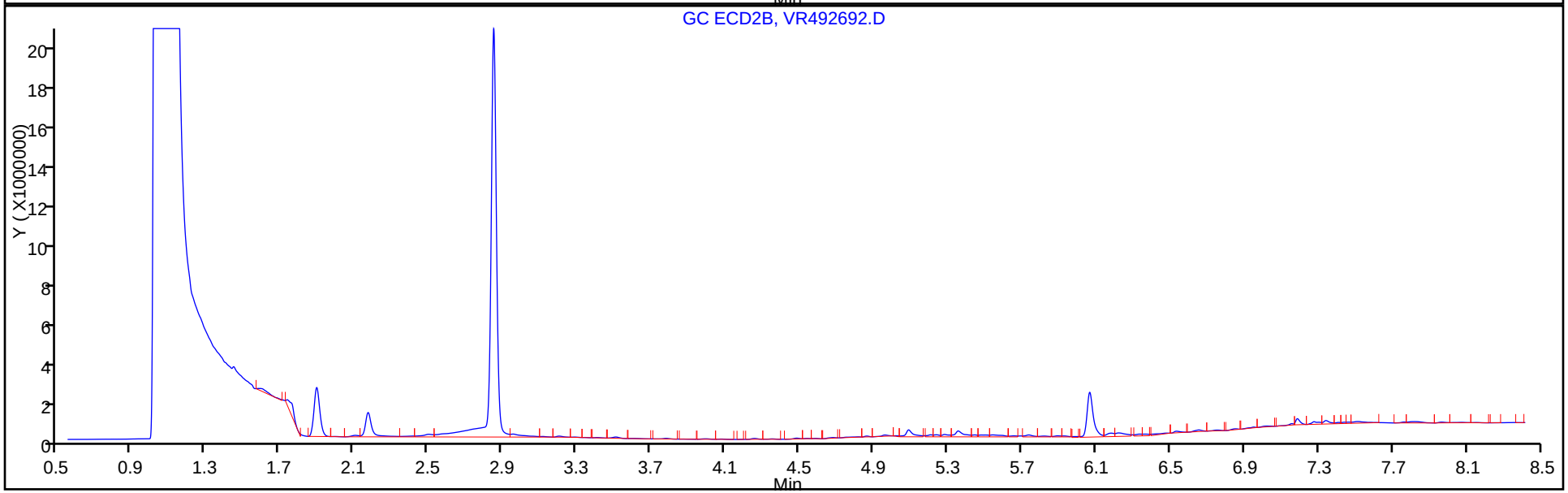
Report Date: 22-Jun-2014 12:53:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492692.D

Injection Date:	20-Jun-2014 13:41:40	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-3-C	Lab Sample ID:	460-78044-3	Worklist Smp#:	10
Client ID:	S-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-3 Lab Sample ID: 460-78044-3

Matrix: Solid Lab File ID: VR492692.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.04(g) Date Analyzed: 06/20/2014 13:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0019	U	0.0089	0.0019
319-84-6	alpha-BHC	0.0020	U	0.0089	0.0020
319-85-7	beta-BHC	0.0021	U	0.0089	0.0021
319-86-8	delta-BHC	0.0016	U	0.0089	0.0016
58-89-9	gamma-BHC (Lindane)	0.0016	U	0.0089	0.0016
57-74-9	Chlordane	0.025	U	0.089	0.025
72-54-8	4,4'-DDD	0.0017	U	0.0089	0.0017
72-55-9	4,4'-DDE	0.0017	U	0.0089	0.0017
50-29-3	4,4'-DDT	0.0021	U	0.0089	0.0021
60-57-1	Dieldrin	0.0016	U	0.0089	0.0016
959-98-8	Endosulfan I	0.0020	U	0.0089	0.0020
33213-65-9	Endosulfan II	0.0017	U	0.0089	0.0017
1031-07-8	Endosulfan sulfate	0.0017	U	0.0089	0.0017
72-20-8	Endrin	0.0021	U	0.0089	0.0021
7421-93-4	Endrin aldehyde	0.0013	U	0.0089	0.0013
76-44-8	Heptachlor	0.0021	U	0.0089	0.0021
1024-57-3	Heptachlor epoxide	0.0020	U	0.0089	0.0020
8001-35-2	Toxaphene	0.024	U	0.089	0.024

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		72-136
2051-24-3	DCB Decachlorobiphenyl	61	*X*	76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492692.D
Lims ID: 460-78044-F-3-C Lab Sample ID: 460-78044-3
Client ID: S-3
Sample Type: Client
Inject. Date: 20-Jun-2014 13:41:40 ALS Bottle#: 35 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4251065	39.5	
2	1.895	1.893	0.002	5271802	40.8	
					RPD = 3.22	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5064315	39.4	
2	6.068	6.068	0.000	5194562	30.3	M
					RPD = 25.95	

QC Flag Legend

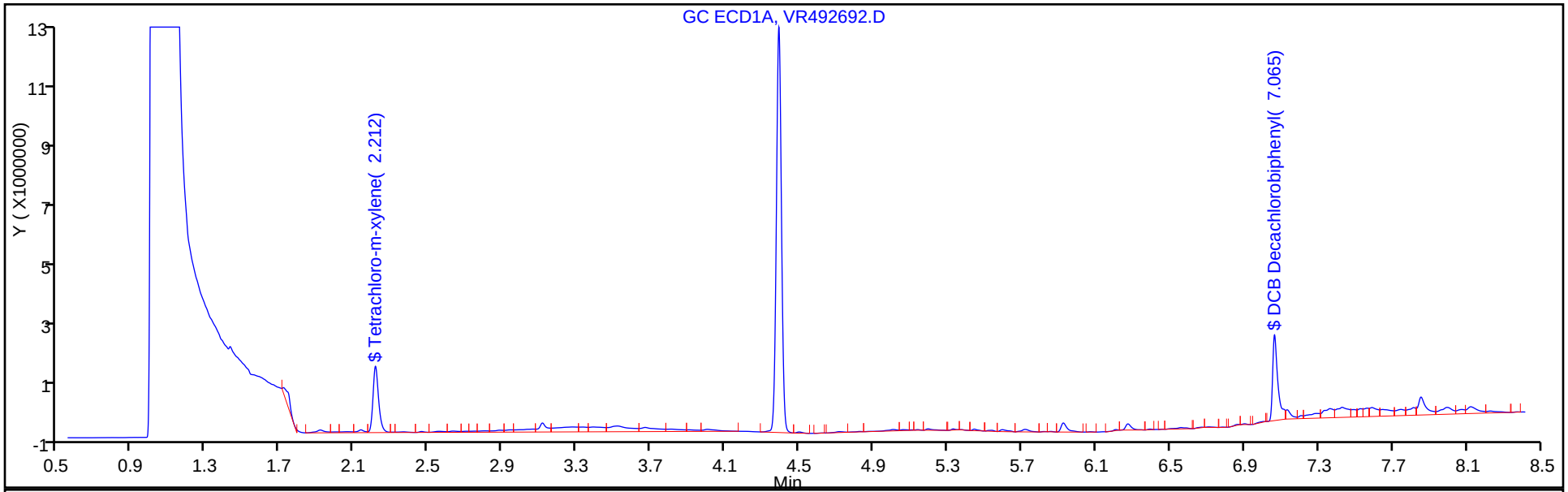
Review Flags
M - Manually Integrated

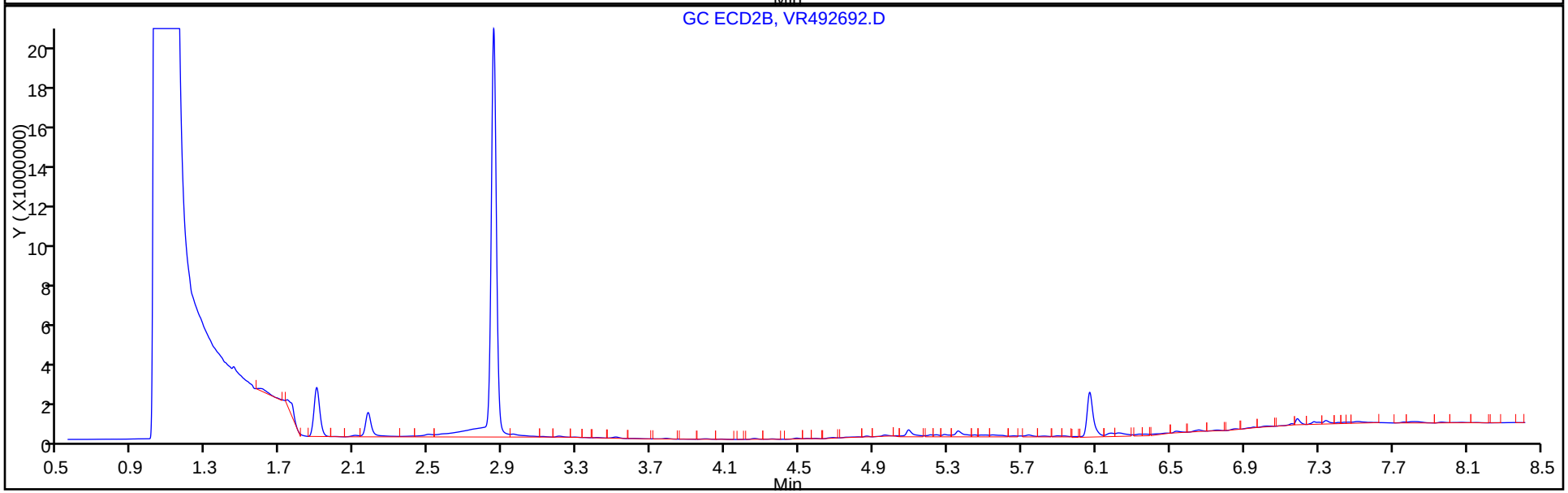
Report Date: 22-Jun-2014 12:53:05 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492692.D

Injection Date:	20-Jun-2014 13:41:40	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-3-C	Lab Sample ID:	460-78044-3	Worklist Smp#:	10
Client ID:	S-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

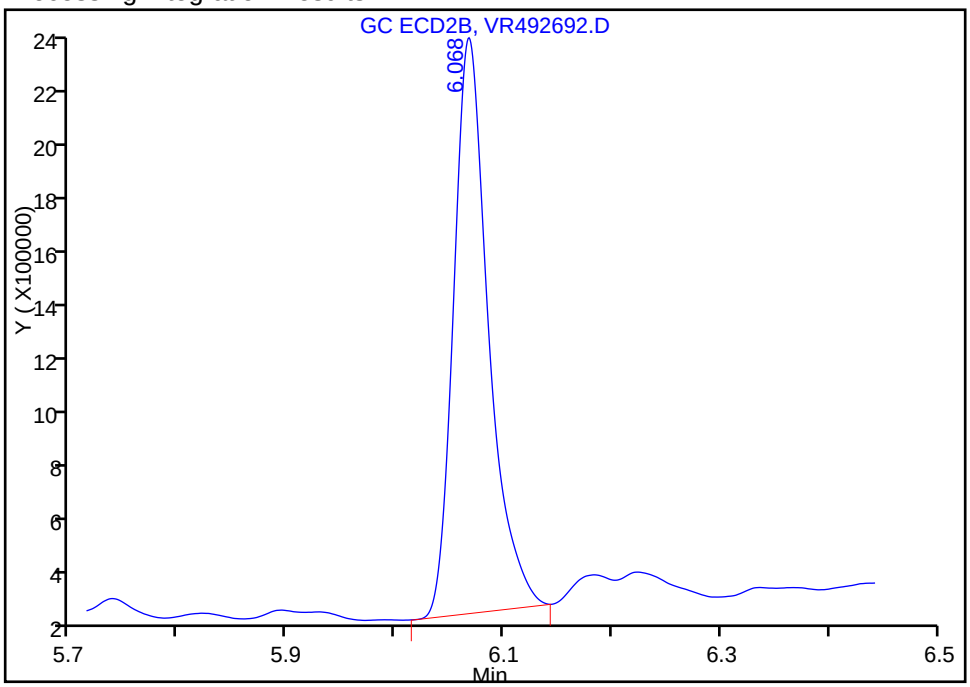
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492692.D				
Injection Date:	20-Jun-2014 13:41:40	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-3-C	Lab Sample ID:	460-78044-3		
Client ID:	S-3				
Operator ID:	615	ALS Bottle#:	35	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

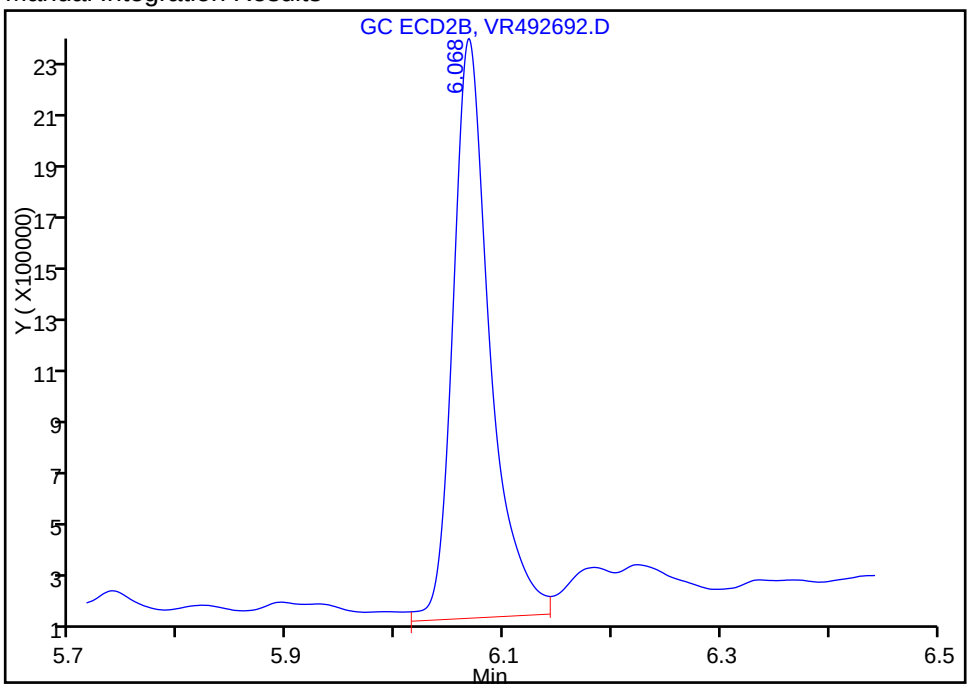
Processing Integration Results

RT: 6.07
Response: 4805497
Amount: 25.844190



Manual Integration Results

RT: 6.07
Response: 5194562
Amount: 30.339290



Reviewer: foleysont, 22-Jun-2014 12:51:08
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 Lab Sample ID: 460-78044-4

Matrix: Solid Lab File ID: VR492693.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/20/2014 13:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		72-136
2051-24-3	DCB Decachlorobiphenyl	105		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492693.D
Lims ID: 460-78044-F-4-C Lab Sample ID: 460-78044-4
Client ID: S-4
Sample Type: Client
Inject. Date: 20-Jun-2014 13:53:11 ALS Bottle#: 36 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.212	-0.001	4506968	41.9	
2	1.894	1.893	0.001	5498348	42.5	
					RPD = 1.58	
$ 24 DCB Decachlorobiphenyl						M
1	7.064	7.065	-0.001	6182863	52.7	
2	6.067	6.068	-0.001	6274481	42.6	M
					RPD = 21.04	

QC Flag Legend

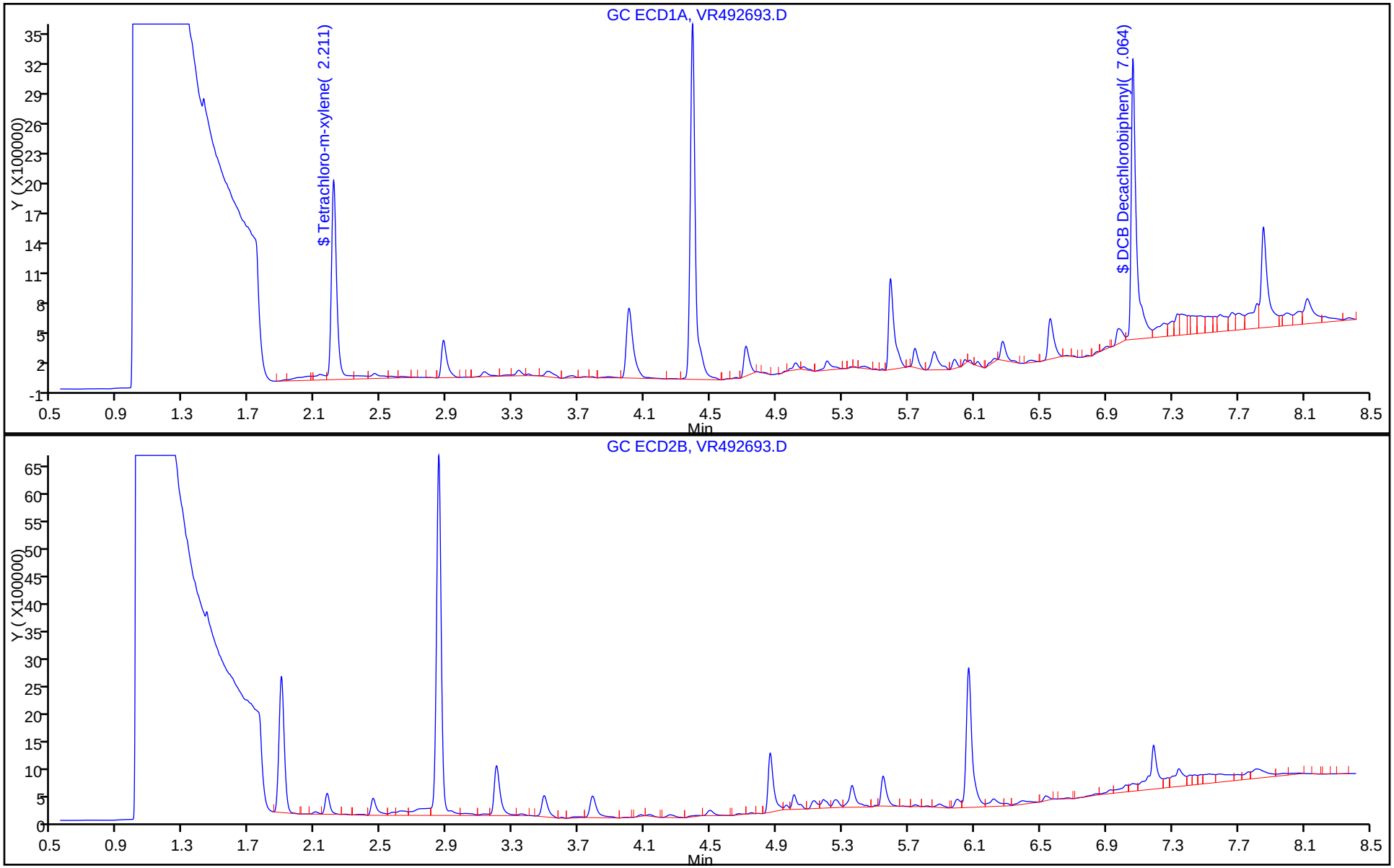
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:53:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492693.D

Injection Date:	20-Jun-2014 13:53:11	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-4-C	Lab Sample ID:	460-78044-4	Worklist Smp#:	11
Client ID:	S-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-4 Lab Sample ID: 460-78044-4

Matrix: Solid Lab File ID: VR492693.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/20/2014 13:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0017	U	0.0083	0.0017
319-84-6	alpha-BHC	0.0019	U	0.0083	0.0019
319-85-7	beta-BHC	0.0020	U	0.0083	0.0020
319-86-8	delta-BHC	0.0015	U	0.0083	0.0015
58-89-9	gamma-BHC (Lindane)	0.0015	U	0.0083	0.0015
57-74-9	Chlordane	0.024	U	0.083	0.024
72-54-8	4,4'-DDD	0.0016	U	0.0083	0.0016
72-55-9	4,4'-DDE	0.0016	U	0.0083	0.0016
50-29-3	4,4'-DDT	0.0020	U	0.0083	0.0020
60-57-1	Dieldrin	0.0015	U	0.0083	0.0015
959-98-8	Endosulfan I	0.0019	U	0.0083	0.0019
33213-65-9	Endosulfan II	0.0016	U	0.0083	0.0016
1031-07-8	Endosulfan sulfate	0.0016	U	0.0083	0.0016
72-20-8	Endrin	0.0020	U	0.0083	0.0020
7421-93-4	Endrin aldehyde	0.0012	U	0.0083	0.0012
76-44-8	Heptachlor	0.0020	U	0.0083	0.0020
1024-57-3	Heptachlor epoxide	0.0019	U	0.0083	0.0019
8001-35-2	Toxaphene	0.022	U	0.083	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		72-136
2051-24-3	DCB Decachlorobiphenyl	85		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492693.D
Lims ID: 460-78044-F-4-C Lab Sample ID: 460-78044-4
Client ID: S-4
Sample Type: Client
Inject. Date: 20-Jun-2014 13:53:11 ALS Bottle#: 36 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.212	-0.001	4506968	41.9	
2	1.894	1.893	0.001	5498348	42.5	
					RPD = 1.58	
$ 24 DCB Decachlorobiphenyl						M
1	7.064	7.065	-0.001	6182863	52.7	
2	6.067	6.068	-0.001	6274481	42.6	M
					RPD = 21.04	

QC Flag Legend

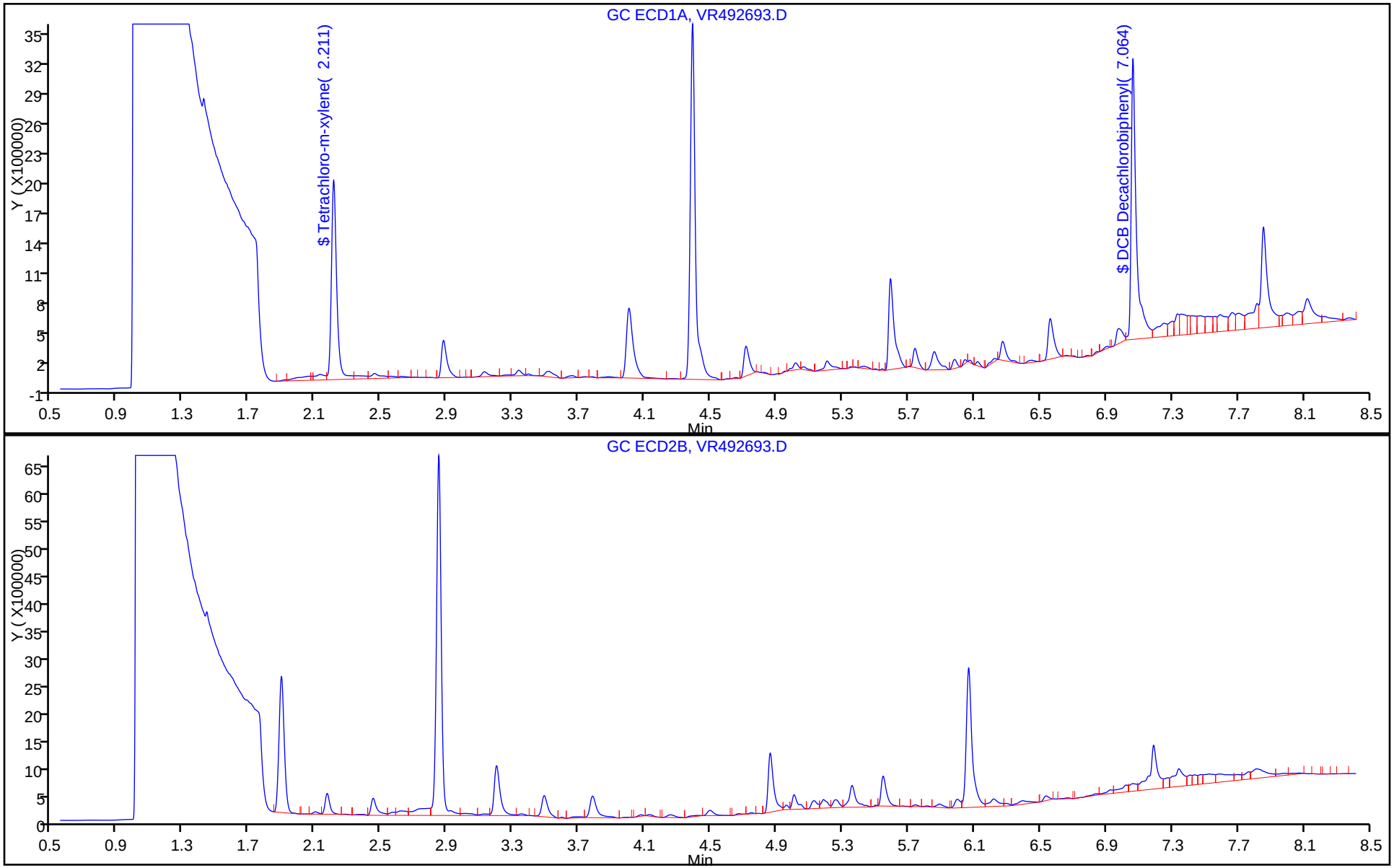
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:53:06 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492693.D

Injection Date:	20-Jun-2014 13:53:11	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-4-C	Lab Sample ID:	460-78044-4	Worklist Smp#:	11
Client ID:	S-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

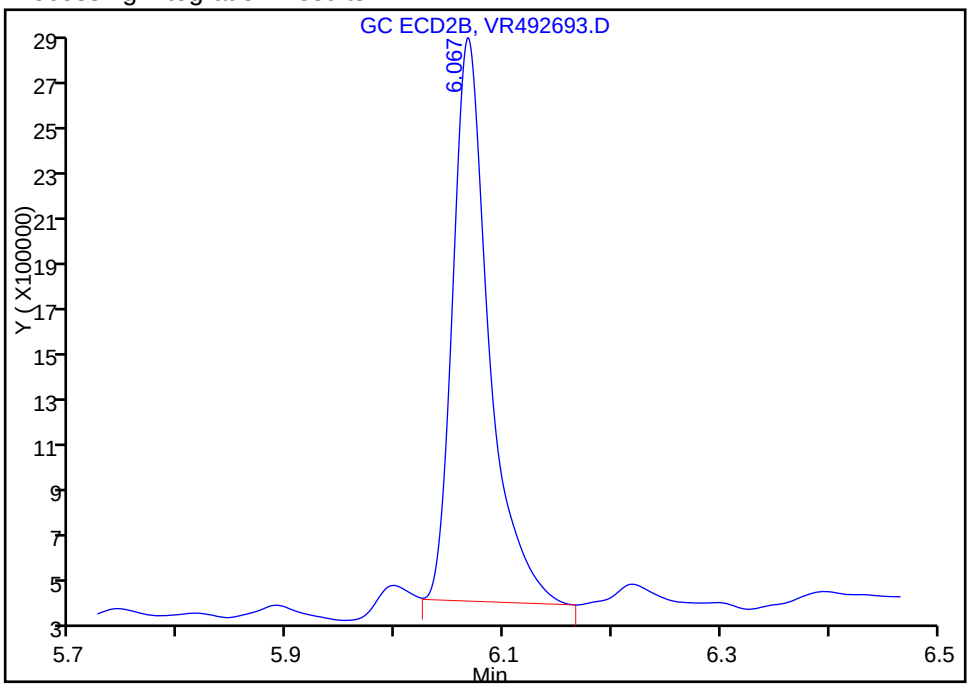
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492693.D				
Injection Date:	20-Jun-2014 13:53:11	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-4-C	Lab Sample ID:	460-78044-4		
Client ID:	S-4				
Operator ID:	615	ALS Bottle#:	36	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

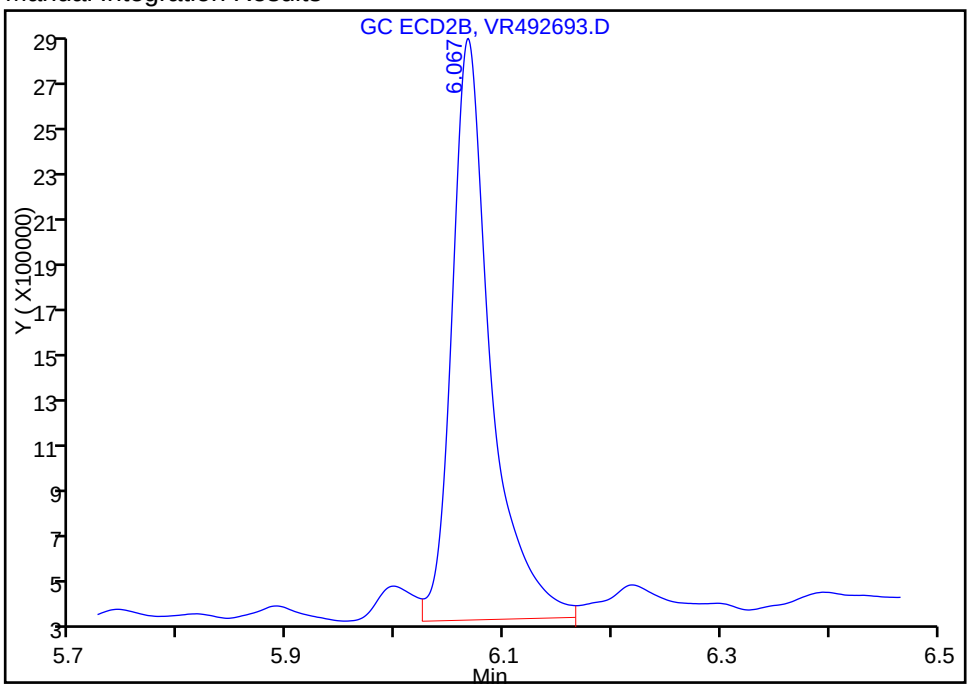
Processing Integration Results

RT: 6.07
Response: 5669613
Amount: 35.780060



Manual Integration Results

RT: 6.07
Response: 6274481
Amount: 42.633801



Reviewer: foleysont, 22-Jun-2014 12:51:20
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 Lab Sample ID: 460-78044-5

Matrix: Solid Lab File ID: VR492694.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.02(g) Date Analyzed: 06/20/2014 14:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 23.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		72-136
2051-24-3	DCB Decachlorobiphenyl	87		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D
Lims ID: 460-78044-F-5-C Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 20-Jun-2014 14:04:42 ALS Bottle#: 37 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4116874	38.2	
2	1.894	1.893	0.001	5654459	43.7	
					RPD = 13.41	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5387331	43.3	M
2	6.068	6.068	0.000	6196383	41.8	M
					RPD = 3.54	

QC Flag Legend

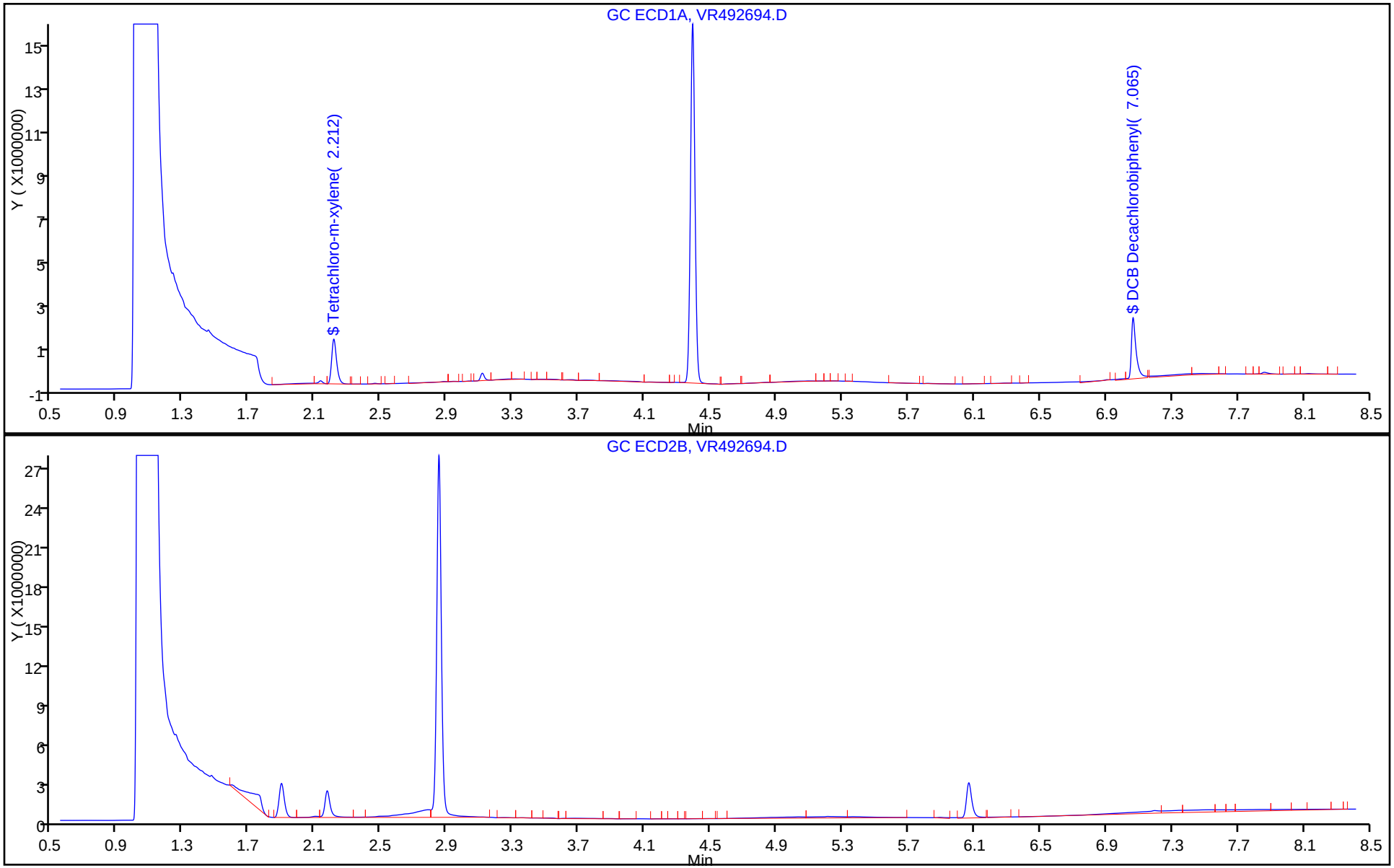
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:53:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D

Injection Date:	20-Jun-2014 14:04:42	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-5-C	Lab Sample ID:	460-78044-5	Worklist Smp#:	12
Client ID:	S-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

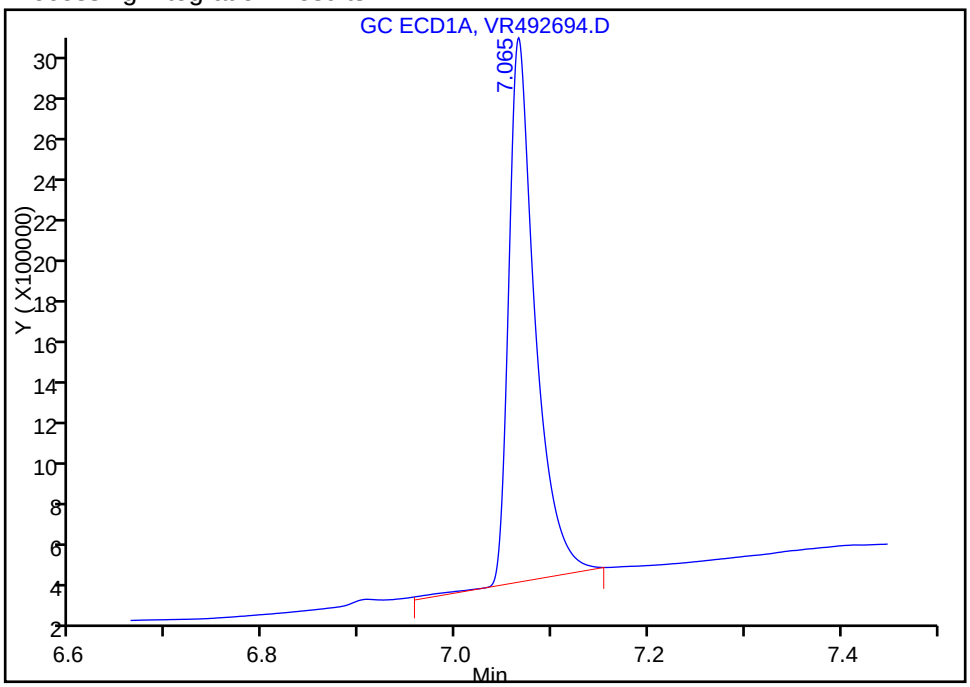
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D				
Injection Date:	20-Jun-2014 14:04:42	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-5-C	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

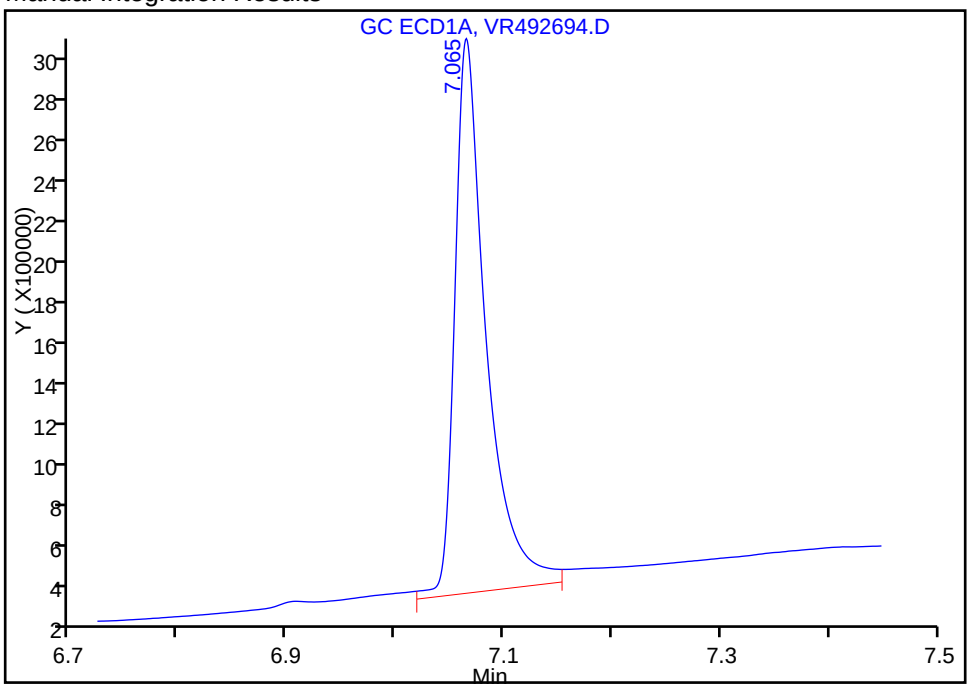
Processing Integration Results

RT: 7.07
Response: 5036350
Amount: 39.048551



Manual Integration Results

RT: 7.07
Response: 5387331
Amount: 43.259424



Reviewer: foleysont, 22-Jun-2014 12:51:49
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-5 Lab Sample ID: 460-78044-5

Matrix: Solid Lab File ID: VR492694.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.02(g) Date Analyzed: 06/20/2014 14:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 23.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0018	U	0.0088	0.0018
319-84-6	alpha-BHC	0.0020	U	0.0088	0.0020
319-85-7	beta-BHC	0.0021	U	0.0088	0.0021
319-86-8	delta-BHC	0.0016	U	0.0088	0.0016
58-89-9	gamma-BHC (Lindane)	0.0016	U	0.0088	0.0016
57-74-9	Chlordane	0.025	U	0.088	0.025
72-54-8	4,4'-DDD	0.0017	U	0.0088	0.0017
72-55-9	4,4'-DDE	0.0017	U	0.0088	0.0017
50-29-3	4,4'-DDT	0.0021	U	0.0088	0.0021
60-57-1	Dieldrin	0.0016	U	0.0088	0.0016
959-98-8	Endosulfan I	0.0020	U	0.0088	0.0020
33213-65-9	Endosulfan II	0.0017	U	0.0088	0.0017
1031-07-8	Endosulfan sulfate	0.0017	U	0.0088	0.0017
72-20-8	Endrin	0.0021	U	0.0088	0.0021
7421-93-4	Endrin aldehyde	0.0013	U	0.0088	0.0013
76-44-8	Heptachlor	0.0021	U	0.0088	0.0021
1024-57-3	Heptachlor epoxide	0.0020	U	0.0088	0.0020
8001-35-2	Toxaphene	0.024	U	0.088	0.024

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		72-136
2051-24-3	DCB Decachlorobiphenyl	84		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D
Lims ID: 460-78044-F-5-C Lab Sample ID: 460-78044-5
Client ID: S-5
Sample Type: Client
Inject. Date: 20-Jun-2014 14:04:42 ALS Bottle#: 37 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4116874	38.2	
2	1.894	1.893	0.001	5654459	43.7	
					RPD = 13.41	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5387331	43.3	M
2	6.068	6.068	0.000	6196383	41.8	M
					RPD = 3.54	

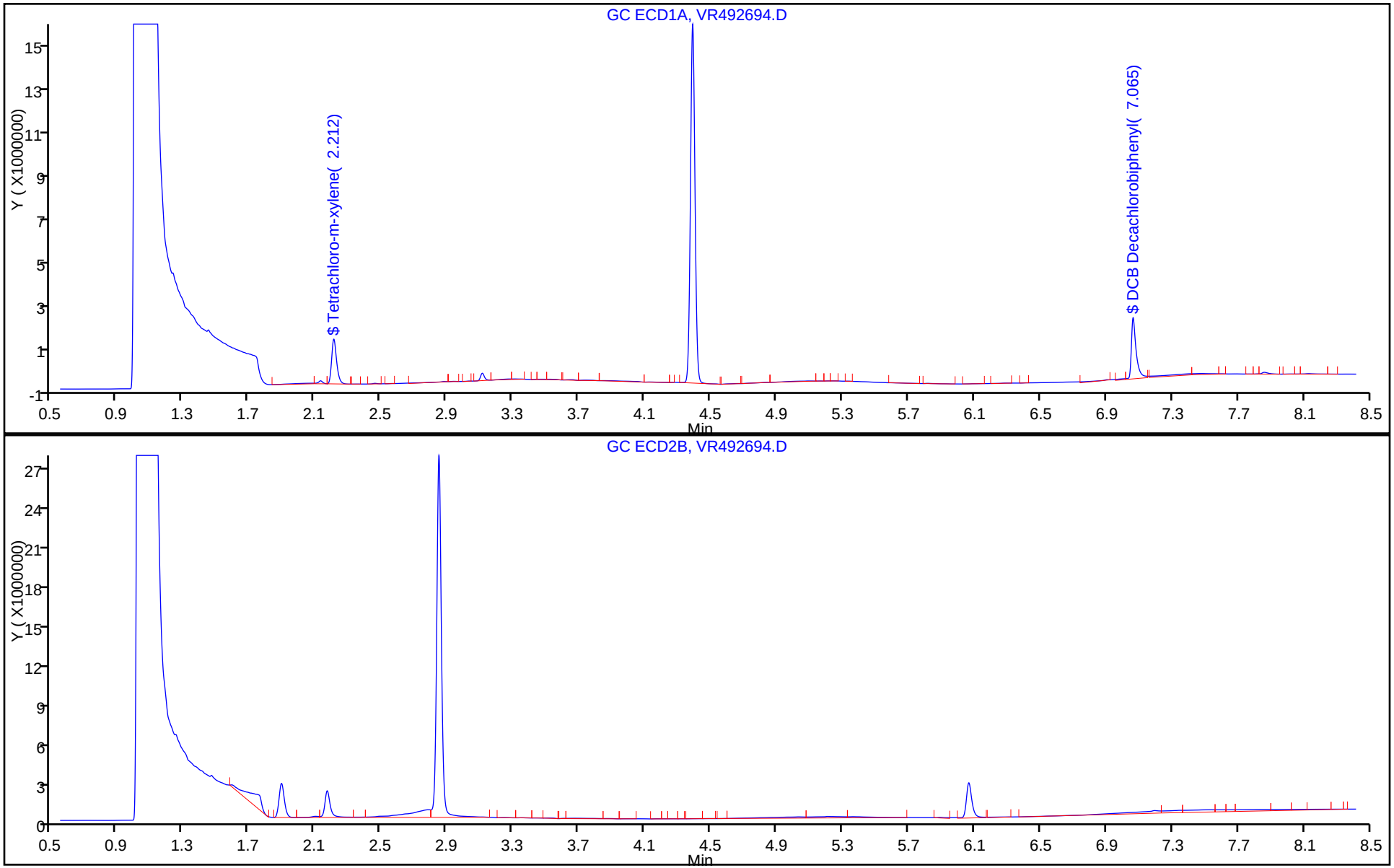
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:53:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D				
Injection Date:	20-Jun-2014 14:04:42	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-5-C	Lab Sample ID:	460-78044-5	Worklist Smp#:	12
Client ID:	S-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

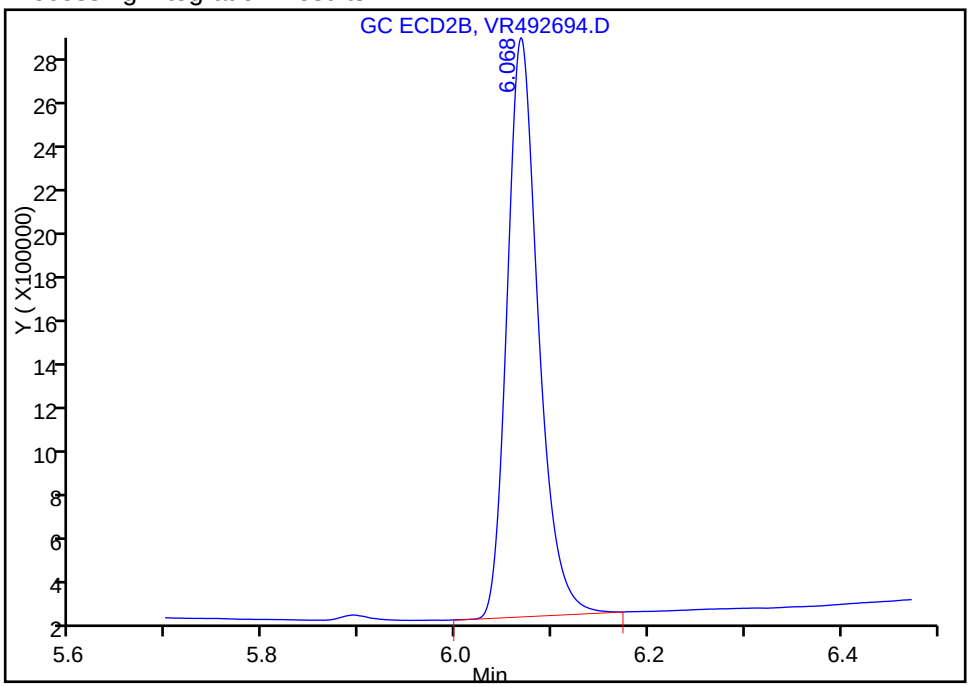
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492694.D				
Injection Date:	20-Jun-2014 14:04:42	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-5-C	Lab Sample ID:	460-78044-5		
Client ID:	S-5				
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

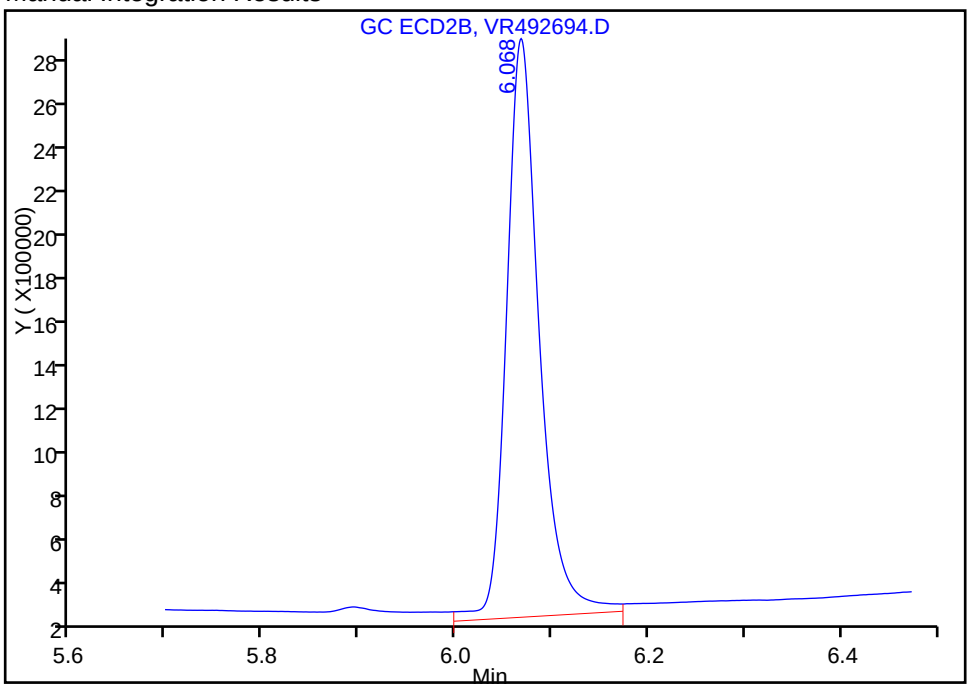
Processing Integration Results

RT: 6.07
Response: 5806571
Amount: 37.339082



Manual Integration Results

RT: 6.07
Response: 6196383
Amount: 41.753434



Reviewer: foleysont, 22-Jun-2014 12:51:49
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Matrix: Solid Lab File ID: VR492695.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/20/2014 14:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		72-136
2051-24-3	DCB Decachlorobiphenyl	89		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492695.D
Lims ID: 460-78044-F-6-C Lab Sample ID: 460-78044-6
Client ID: S-6
Sample Type: Client
Inject. Date: 20-Jun-2014 14:16:13 ALS Bottle#: 38 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4047335	37.6	
2	1.895	1.893	0.002	5509644	42.6	
					RPD = 12.53	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5505188	44.7	
2	6.067	6.068	-0.001	5932251	38.8	M
					RPD = 14.14	

QC Flag Legend

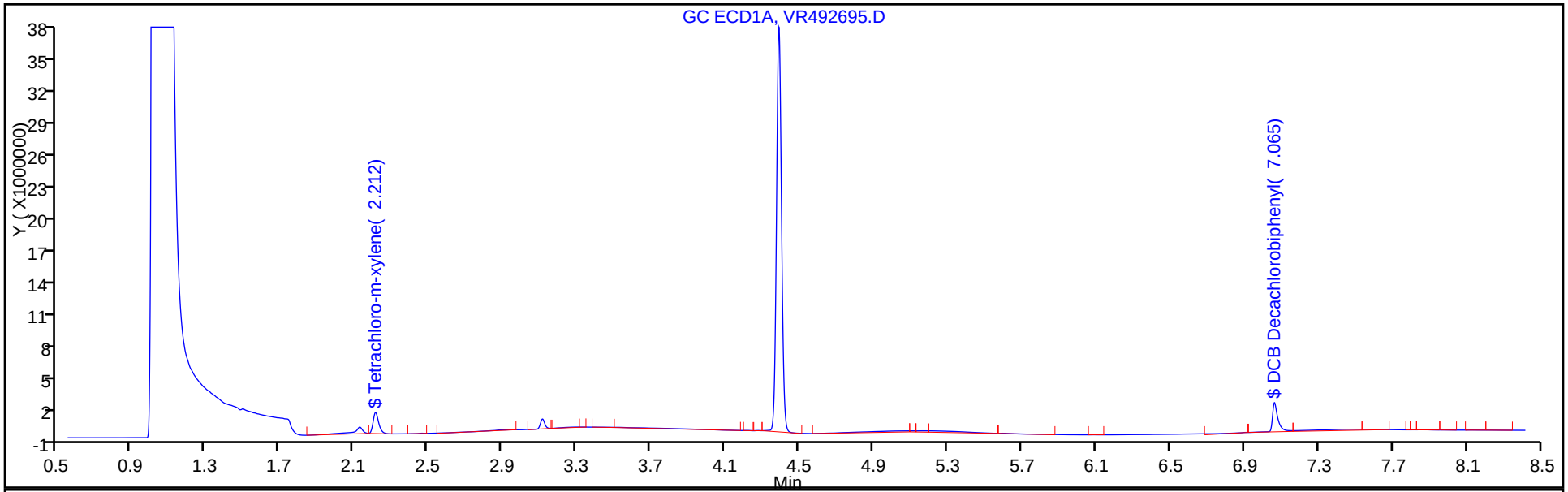
Review Flags
M - Manually Integrated

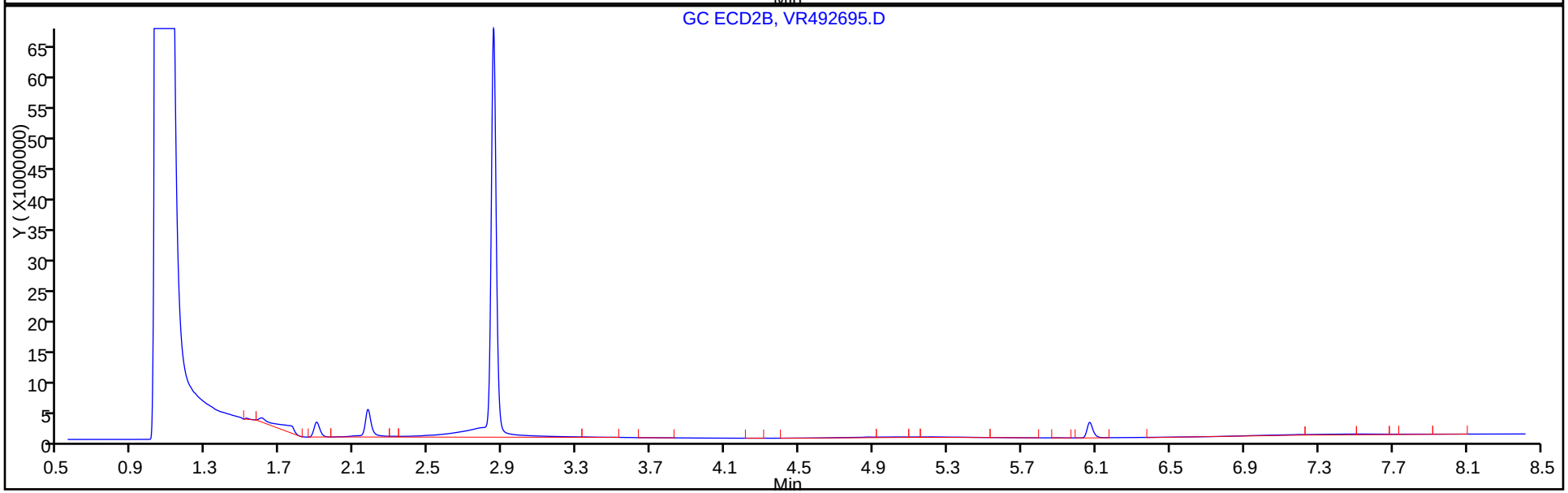
Report Date: 22-Jun-2014 12:53:07 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492695.D

Injection Date:	20-Jun-2014 14:16:13	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-6-C	Lab Sample ID:	460-78044-6	Worklist Smp#:	13
Client ID:	S-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Matrix: Solid Lab File ID: VR492695.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.01(g) Date Analyzed: 06/20/2014 14:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0017	U	0.0080	0.0017
319-84-6	alpha-BHC	0.0018	U	0.0080	0.0018
319-85-7	beta-BHC	0.0019	U	0.0080	0.0019
319-86-8	delta-BHC	0.0014	U	0.0080	0.0014
58-89-9	gamma-BHC (Lindane)	0.0014	U	0.0080	0.0014
57-74-9	Chlordane	0.023	U	0.080	0.023
72-54-8	4,4'-DDD	0.0016	U	0.0080	0.0016
72-55-9	4,4'-DDE	0.0016	U	0.0080	0.0016
50-29-3	4,4'-DDT	0.0019	U	0.0080	0.0019
60-57-1	Dieldrin	0.0014	U	0.0080	0.0014
959-98-8	Endosulfan I	0.0018	U	0.0080	0.0018
33213-65-9	Endosulfan II	0.0016	U	0.0080	0.0016
1031-07-8	Endosulfan sulfate	0.0016	U	0.0080	0.0016
72-20-8	Endrin	0.0019	U	0.0080	0.0019
7421-93-4	Endrin aldehyde	0.0012	U	0.0080	0.0012
76-44-8	Heptachlor	0.0019	U	0.0080	0.0019
1024-57-3	Heptachlor epoxide	0.0018	U	0.0080	0.0018
8001-35-2	Toxaphene	0.022	U	0.080	0.022

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		72-136
2051-24-3	DCB Decachlorobiphenyl	78		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492695.D
Lims ID: 460-78044-F-6-C Lab Sample ID: 460-78044-6
Client ID: S-6
Sample Type: Client
Inject. Date: 20-Jun-2014 14:16:13 ALS Bottle#: 38 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.212	0.000	4047335	37.6	
2	1.895	1.893	0.002	5509644	42.6	
					RPD = 12.53	
$ 24 DCB Decachlorobiphenyl						M
1	7.065	7.065	0.000	5505188	44.7	
2	6.067	6.068	-0.001	5932251	38.8	M
					RPD = 14.14	

QC Flag Legend

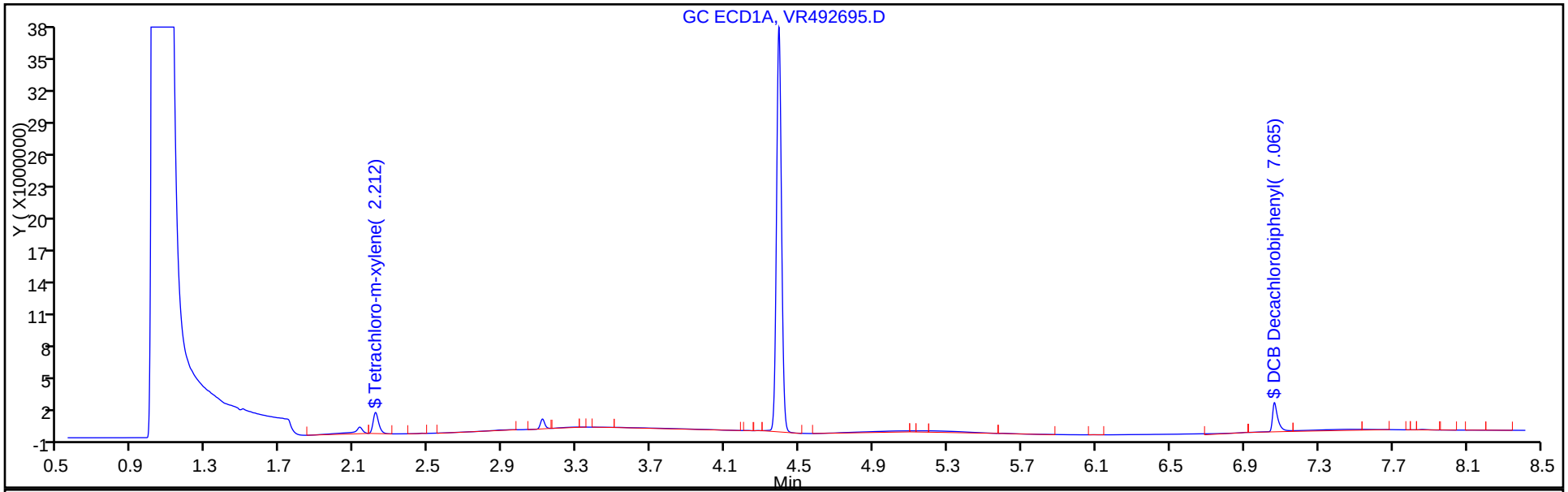
Review Flags
M - Manually Integrated

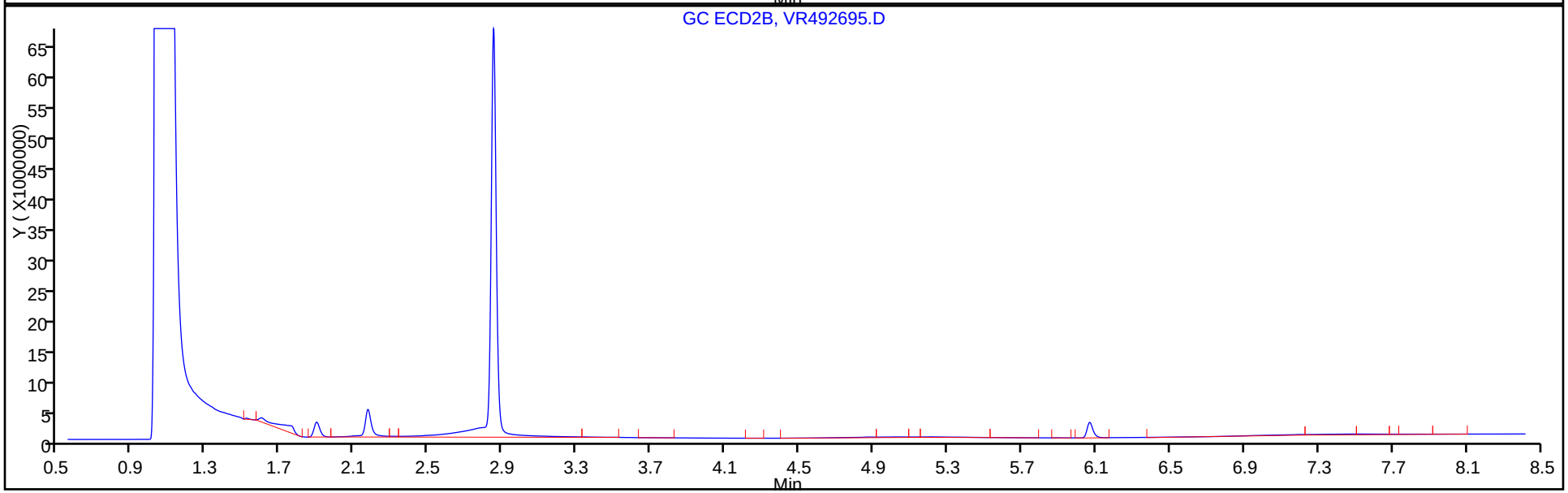
Report Date: 22-Jun-2014 12:53:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492695.D

Injection Date:	20-Jun-2014 14:16:13	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-6-C	Lab Sample ID:	460-78044-6	Worklist Smp#:	13
Client ID:	S-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

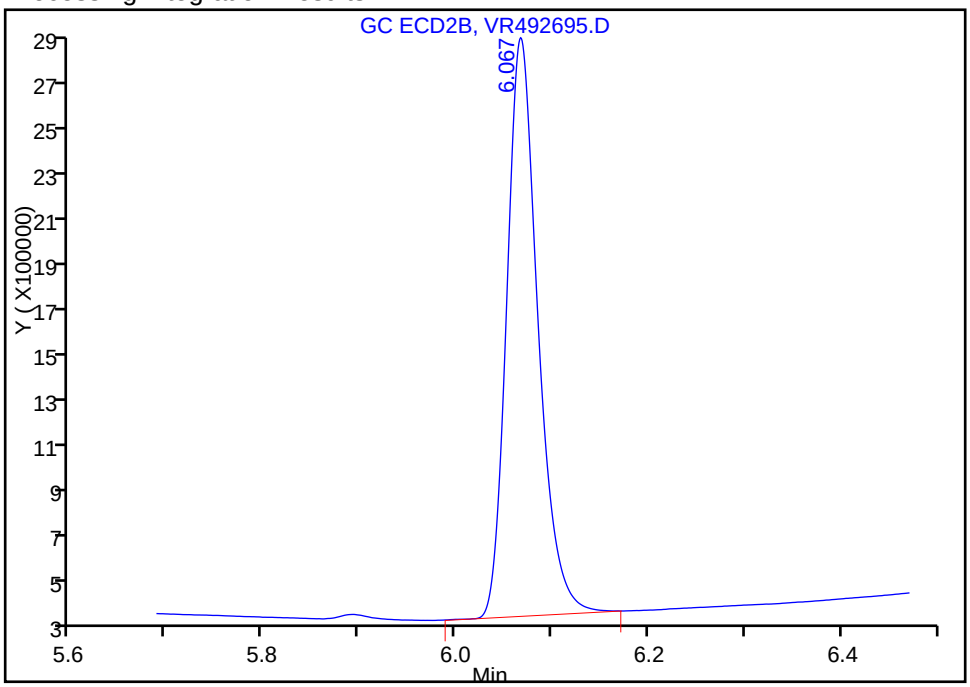
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492695.D				
Injection Date:	20-Jun-2014 14:16:13	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-F-6-C	Lab Sample ID:	460-78044-6		
Client ID:	S-6				
Operator ID:	615	ALS Bottle#:	38	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

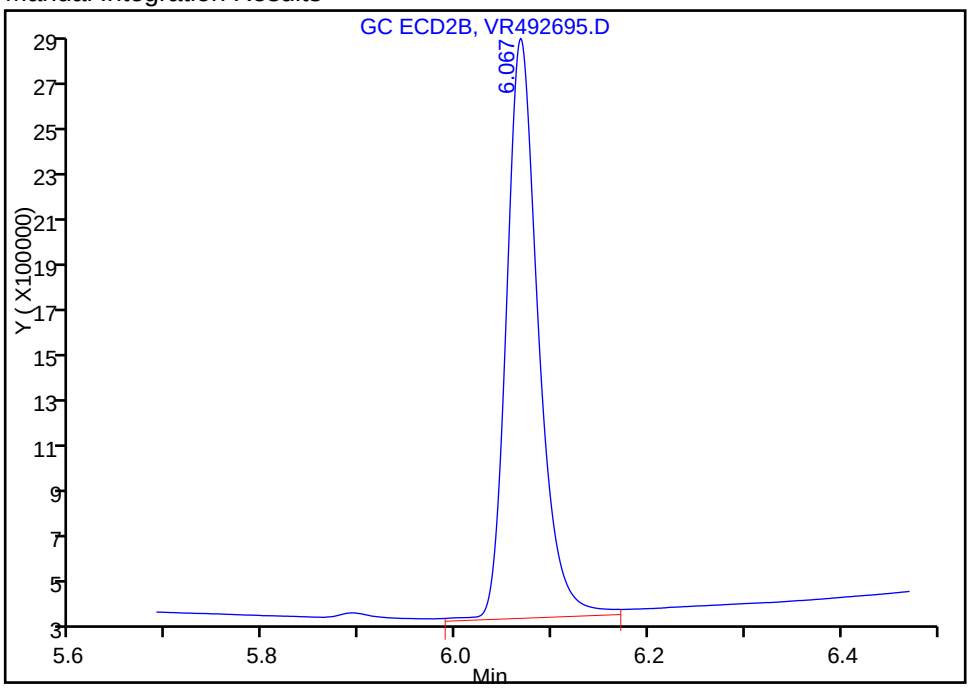
Processing Integration Results

RT: 6.07
Response: 5752376
Amount: 36.722675



Manual Integration Results

RT: 6.07
Response: 5932251
Amount: 38.766014



Reviewer: foleysont, 22-Jun-2014 12:52:14
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: VR492696.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.03(g) Date Analyzed: 06/20/2014 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		72-136
2051-24-3	DCB Decachlorobiphenyl	91		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492696.D
Lims ID: 460-78044-F-7-C Lab Sample ID: 460-78044-7
Client ID: S-7
Sample Type: Client
Inject. Date: 20-Jun-2014 14:27:44 ALS Bottle#: 39 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:55

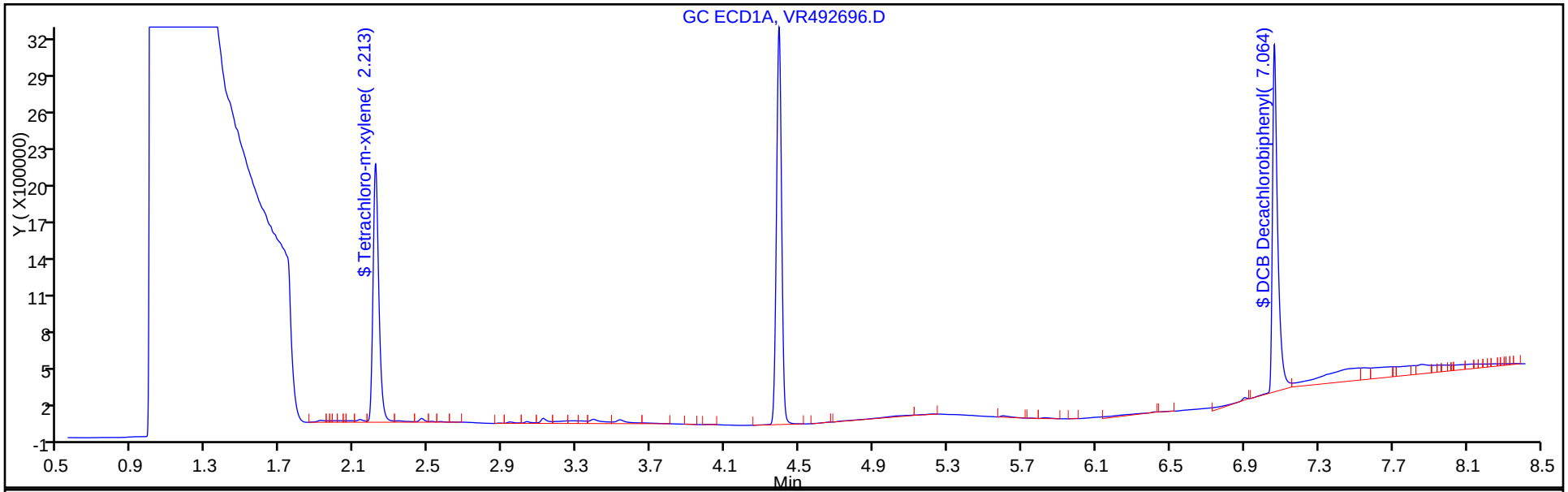
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.213	2.212	0.001	4606047	42.8	
2	1.895	1.893	0.002	5893295	45.6	
					RPD = 6.34	
$ 24 DCB Decachlorobiphenyl						
1	7.064	7.065	-0.001	5591938	45.7	
2	6.067	6.068	-0.001	6210858	41.9	
					RPD = 8.63	

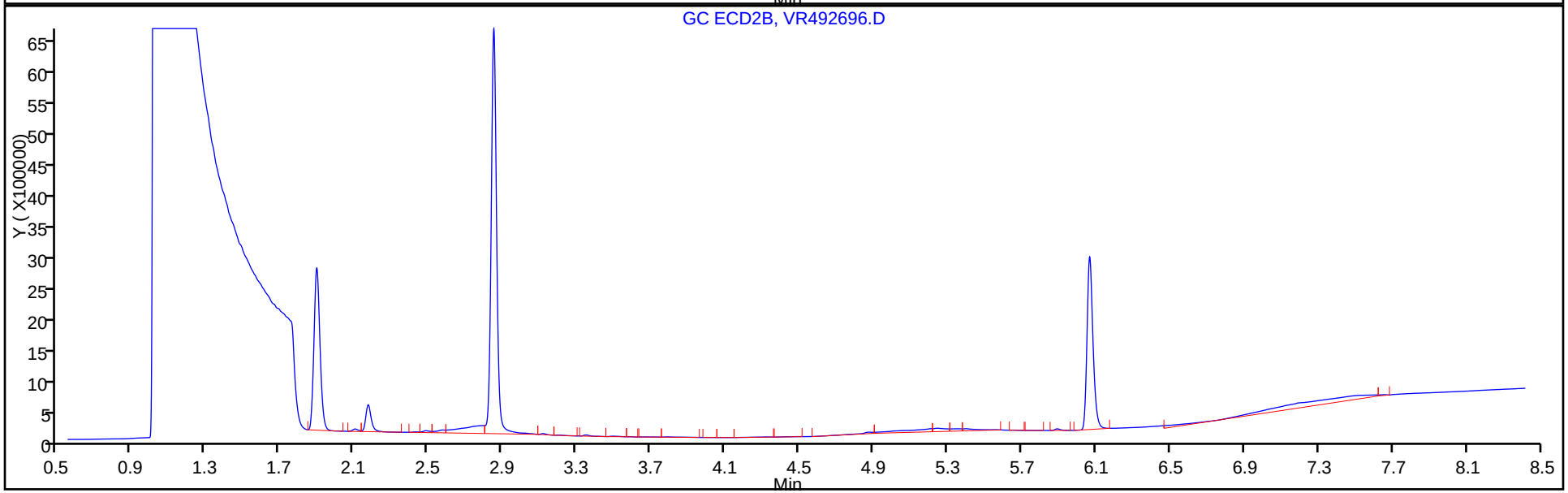
Report Date: 22-Jun-2014 12:53:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492696.D

Injection Date:	20-Jun-2014 14:27:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-7-C	Lab Sample ID:	460-78044-7	Worklist Smp#:	14
Client ID:	S-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Matrix: Solid Lab File ID: VR492696.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.03(g) Date Analyzed: 06/20/2014 14:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0016	U	0.0075	0.0016
319-84-6	alpha-BHC	0.0017	U	0.0075	0.0017
319-85-7	beta-BHC	0.0018	U	0.0075	0.0018
319-86-8	delta-BHC	0.0013	U	0.0075	0.0013
58-89-9	gamma-BHC (Lindane)	0.0013	U	0.0075	0.0013
57-74-9	Chlordane	0.021	U	0.075	0.021
72-54-8	4,4'-DDD	0.0015	U	0.0075	0.0015
72-55-9	4,4'-DDE	0.0015	U	0.0075	0.0015
50-29-3	4,4'-DDT	0.0018	U	0.0075	0.0018
60-57-1	Dieldrin	0.0013	U	0.0075	0.0013
959-98-8	Endosulfan I	0.0017	U	0.0075	0.0017
33213-65-9	Endosulfan II	0.0015	U	0.0075	0.0015
1031-07-8	Endosulfan sulfate	0.0015	U	0.0075	0.0015
72-20-8	Endrin	0.0018	U	0.0075	0.0018
7421-93-4	Endrin aldehyde	0.0011	U	0.0075	0.0011
76-44-8	Heptachlor	0.0018	U	0.0075	0.0018
1024-57-3	Heptachlor epoxide	0.0017	U	0.0075	0.0017
8001-35-2	Toxaphene	0.020	U	0.075	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		72-136
2051-24-3	DCB Decachlorobiphenyl	84		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492696.D
Lims ID: 460-78044-F-7-C Lab Sample ID: 460-78044-7
Client ID: S-7
Sample Type: Client
Inject. Date: 20-Jun-2014 14:27:44 ALS Bottle#: 39 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:39:55

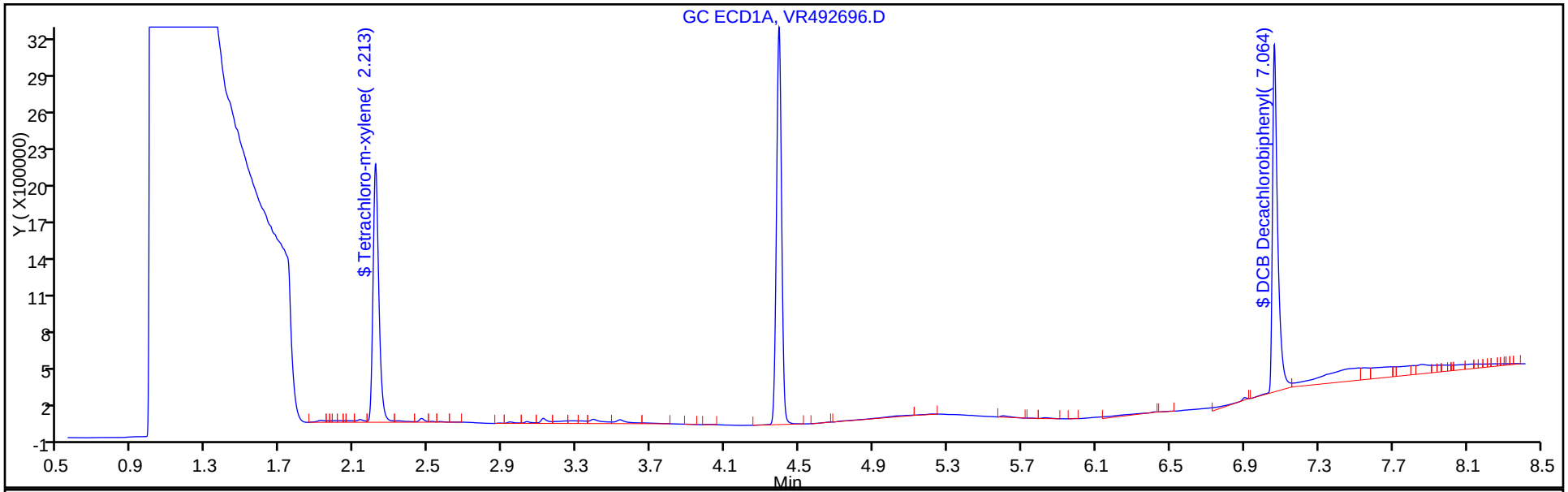
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.213	2.212	0.001	4606047	42.8	
2	1.895	1.893	0.002	5893295	45.6	
					RPD = 6.34	
$ 24 DCB Decachlorobiphenyl						
1	7.064	7.065	-0.001	5591938	45.7	
2	6.067	6.068	-0.001	6210858	41.9	
					RPD = 8.63	

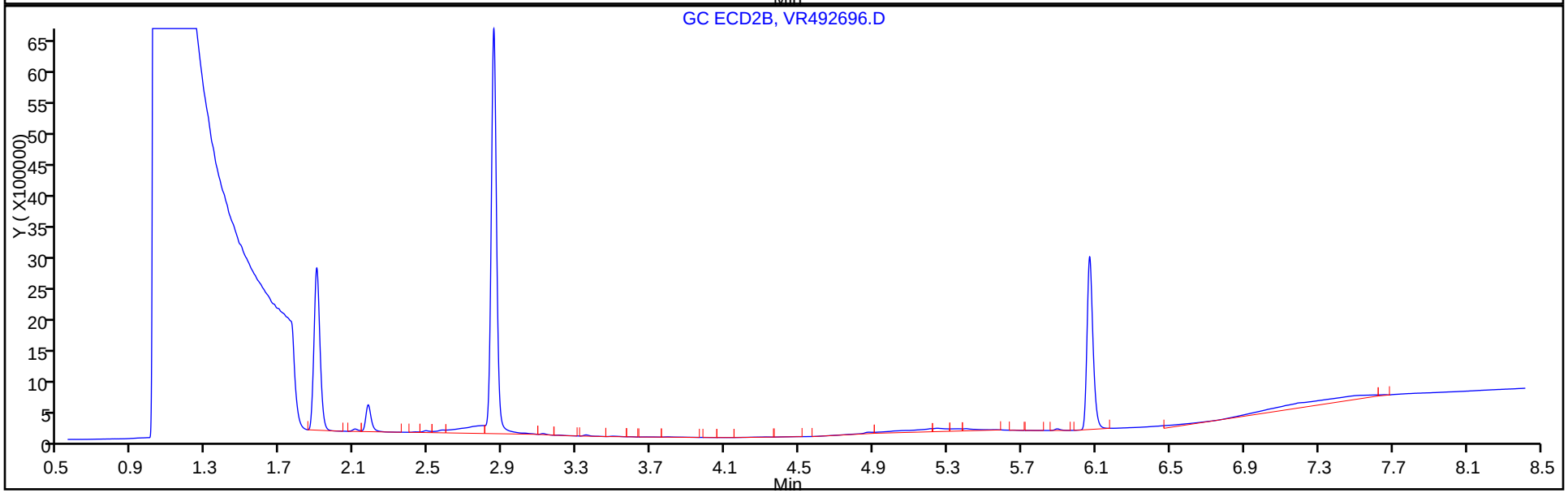
Report Date: 22-Jun-2014 12:53:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492696.D

Injection Date:	20-Jun-2014 14:27:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-F-7-C	Lab Sample ID:	460-78044-7	Worklist Smp#:	14
Client ID:	S-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: VR492739.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 17:30

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		50-147
2051-24-3	DCB Decachlorobiphenyl	66		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492739.D
Lims ID: 460-78044-D-8-A Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 21-Jun-2014 17:30:37 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:32:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						M
1	2.211	2.209	0.002	7329242	68.1	M
2	1.894	1.891	0.003	8155626	63.1	
					RPD = 7.61	
$ 24 DCB Decachlorobiphenyl						
1	7.061	7.062	-0.001	7357898	66.2	
2	6.064	6.064	0.000	6787458	48.4	
					RPD = 31.08	

QC Flag Legend

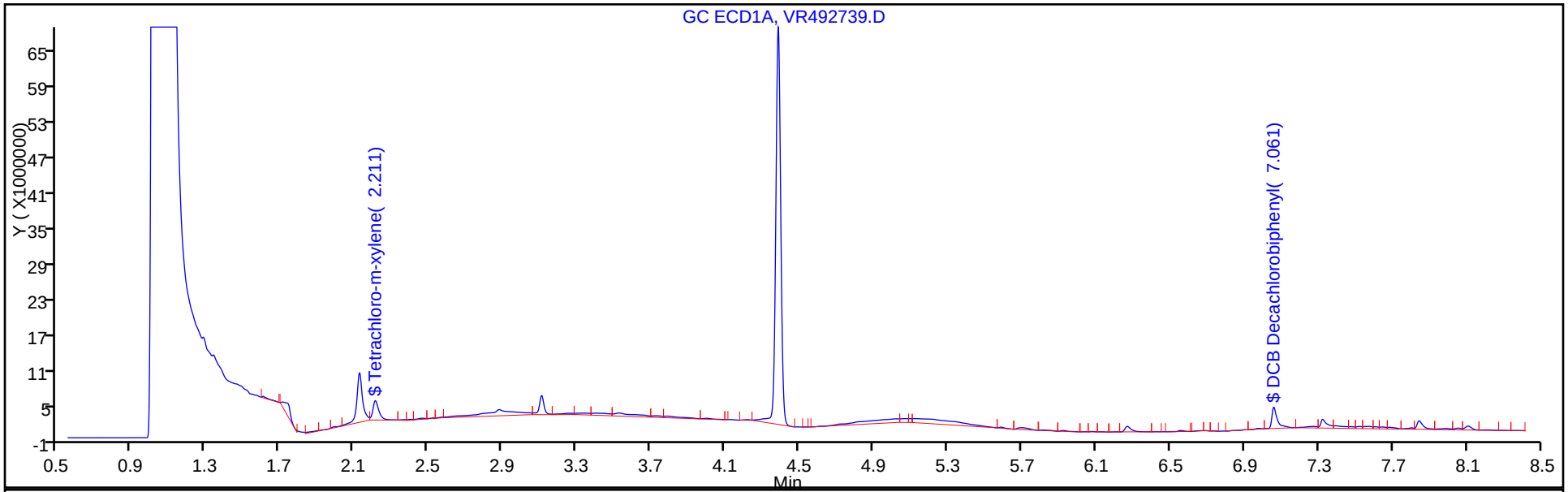
Review Flags
M - Manually Integrated

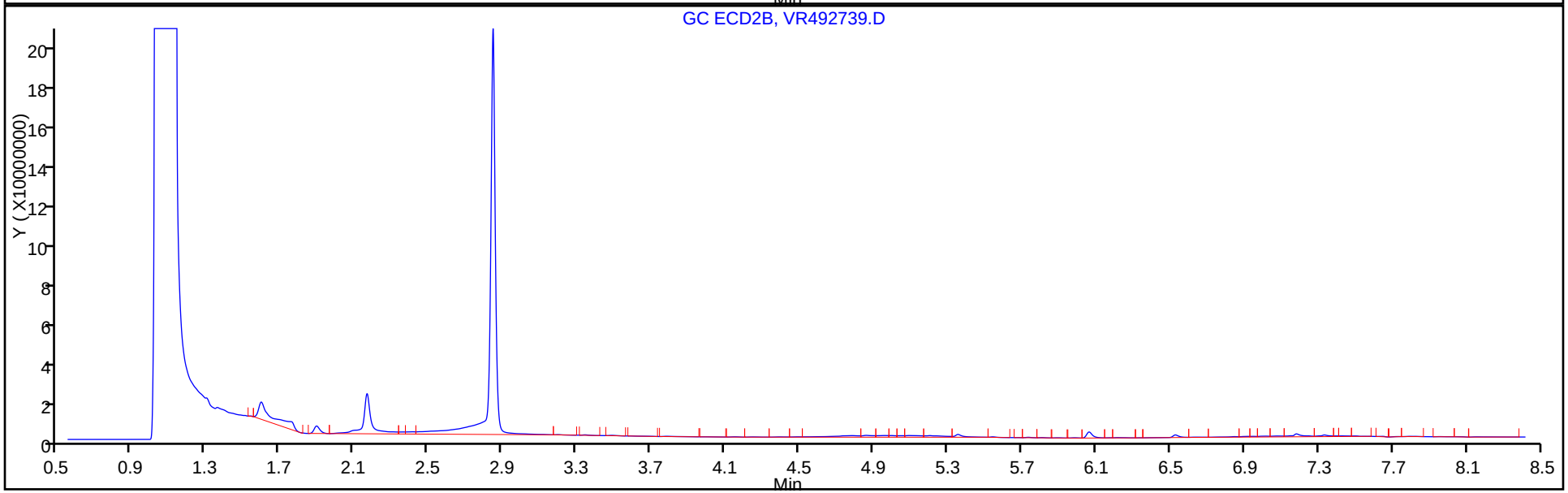
Report Date: 22-Jun-2014 13:53:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492739.D

Injection Date:	21-Jun-2014 17:30:37	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-8-A	Lab Sample ID:	460-78044-8	Worklist Smp#:	28
Client ID:	TWP-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

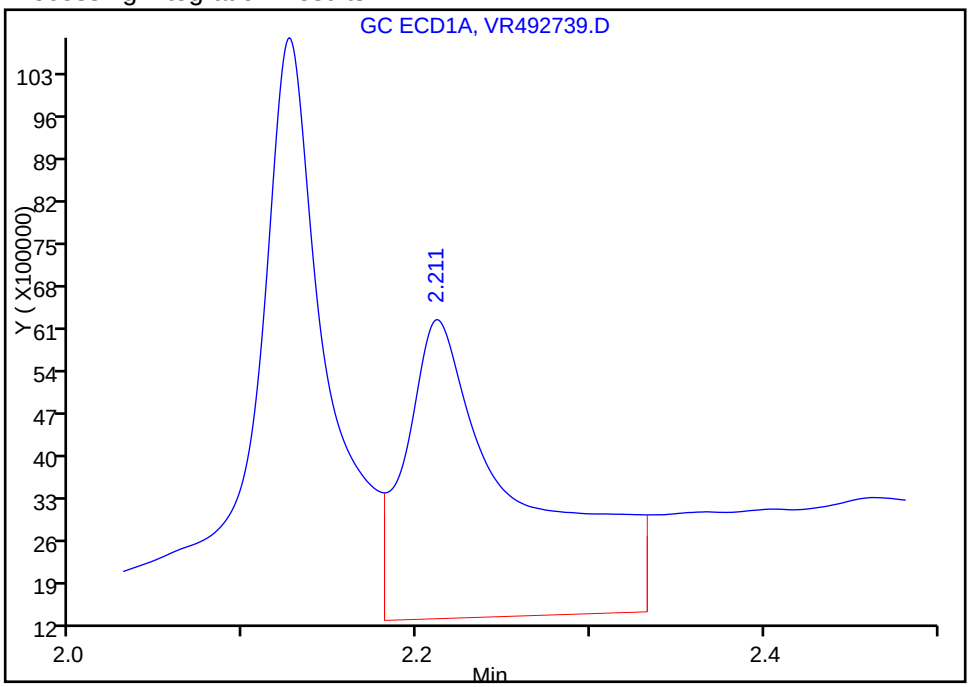
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492739.D				
Injection Date:	21-Jun-2014 17:30:37	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-D-8-A	Lab Sample ID:	460-78044-8		
Client ID:	TWP-1				
Operator ID:	615	ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 4 Tetrachloro-m-xylene, CAS: 877-09-8

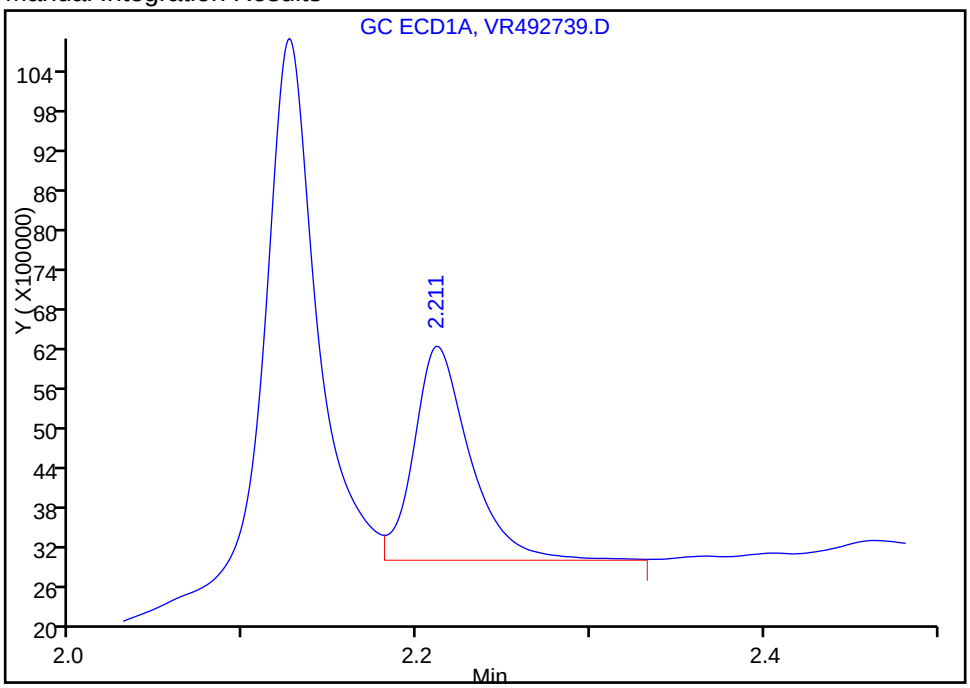
Processing Integration Results

RT: 2.21
Response: 22458365
Amount: 208.6337



Manual Integration Results

RT: 2.21
Response: 7329242
Amount: 68.087174



Reviewer: foleysont, 22-Jun-2014 13:32:15
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Matrix: Water Lab File ID: VR492739.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 17:30

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.017	U	0.050	0.017
319-84-6	alpha-BHC	0.0090	U	0.050	0.0090
319-85-7	beta-BHC	0.013	U	0.050	0.013
319-86-8	delta-BHC	0.012	U	0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.014	U	0.050	0.014
57-74-9	Chlordane	0.21	U	0.50	0.21
72-54-8	4,4'-DDD	0.019	U	0.050	0.019
72-55-9	4,4'-DDE	0.016	U	0.050	0.016
50-29-3	4,4'-DDT	0.017	U	0.050	0.017
60-57-1	Dieldrin	0.022	U	0.050	0.022
959-98-8	Endosulfan I	0.016	U	0.050	0.016
33213-65-9	Endosulfan II	0.016	U	0.050	0.016
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.017	U	0.050	0.017
7421-93-4	Endrin aldehyde	0.016	U	0.050	0.016
53494-70-5	Endrin ketone	0.016	U	0.050	0.016
76-44-8	Heptachlor	0.014	U	0.050	0.014
1024-57-3	Heptachlor epoxide	0.016	U	0.050	0.016
72-43-5	Methoxychlor	0.015	U	0.050	0.015
8001-35-2	Toxaphene	0.34	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		50-147
2051-24-3	DCB Decachlorobiphenyl	48		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492739.D
Lims ID: 460-78044-D-8-A Lab Sample ID: 460-78044-8
Client ID: TWP-1
Sample Type: Client
Inject. Date: 21-Jun-2014 17:30:37 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:32:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						M
1	2.211	2.209	0.002	7329242	68.1	M
2	1.894	1.891	0.003	8155626	63.1	
					RPD = 7.61	
$ 24 DCB Decachlorobiphenyl						
1	7.061	7.062	-0.001	7357898	66.2	
2	6.064	6.064	0.000	6787458	48.4	
					RPD = 31.08	

QC Flag Legend

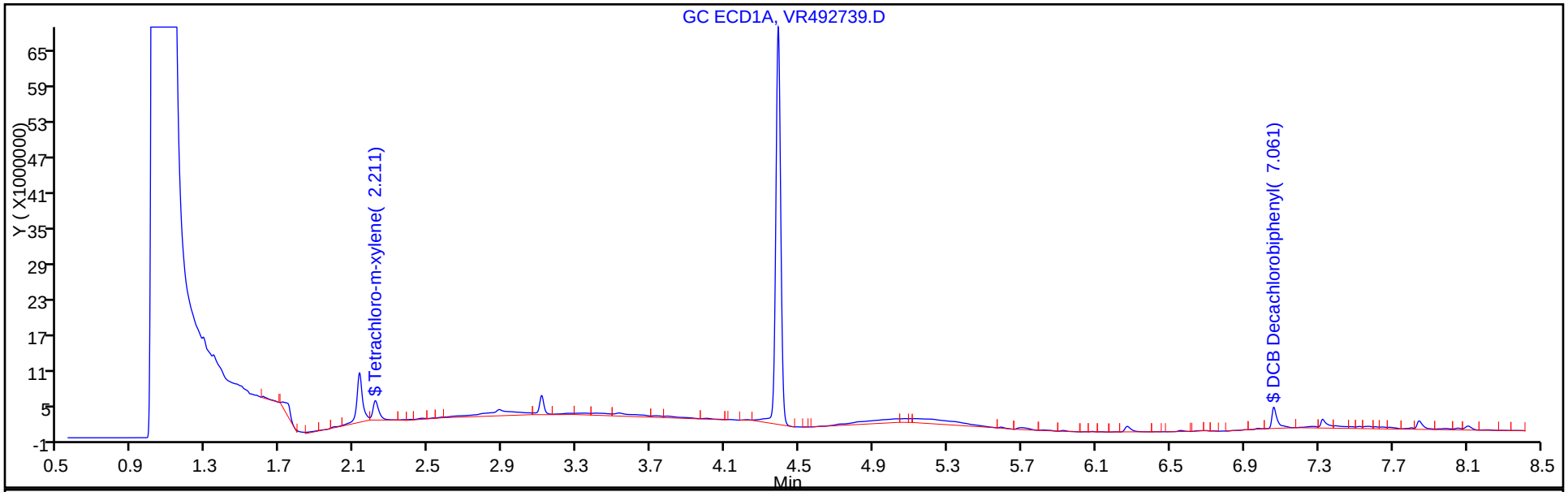
Review Flags
M - Manually Integrated

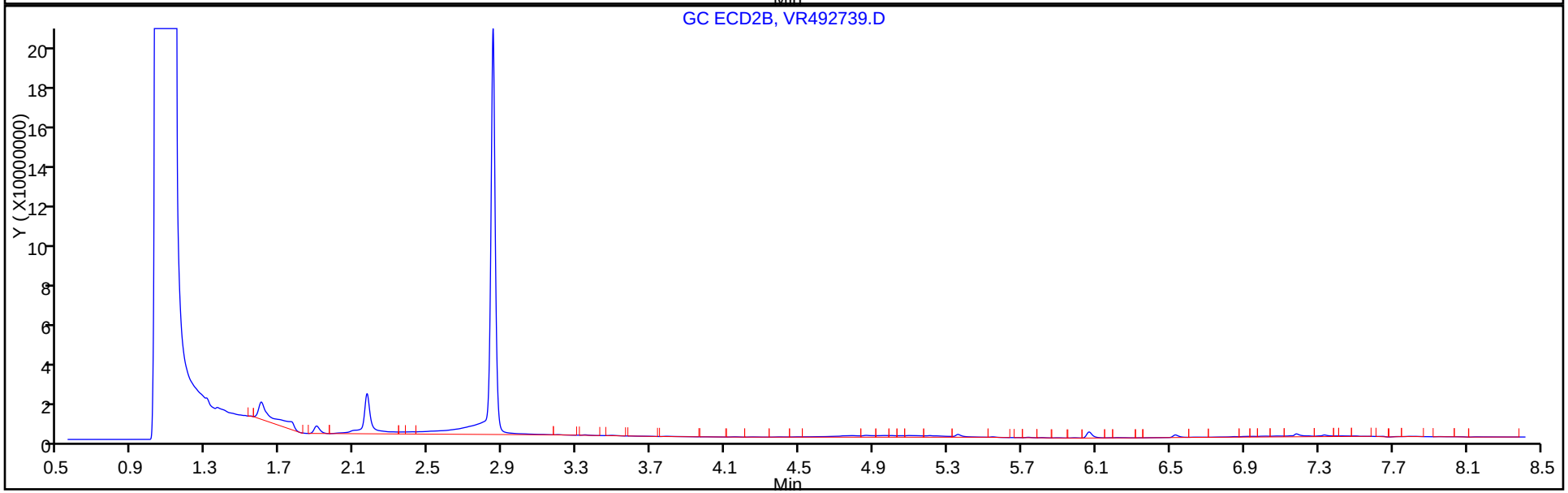
Report Date: 22-Jun-2014 13:53:27 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492739.D

Injection Date:	21-Jun-2014 17:30:37	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-8-A	Lab Sample ID:	460-78044-8	Worklist Smp#:	28
Client ID:	TWP-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: VR492740.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 17:42

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		50-147
2051-24-3	DCB Decachlorobiphenyl	50		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D
Lims ID: 460-78044-D-9-A Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 21-Jun-2014 17:42:07 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.209	0.002	8897666	82.7	
2	1.893	1.891	0.002	10562371	81.7	
					RPD = 1.15	
$ 24 DCB Decachlorobiphenyl						M
1	7.062	7.062	0.000	5920400	49.6	M
2	6.064	6.064	0.000	6981881	50.5	M
					RPD = 1.94	

QC Flag Legend

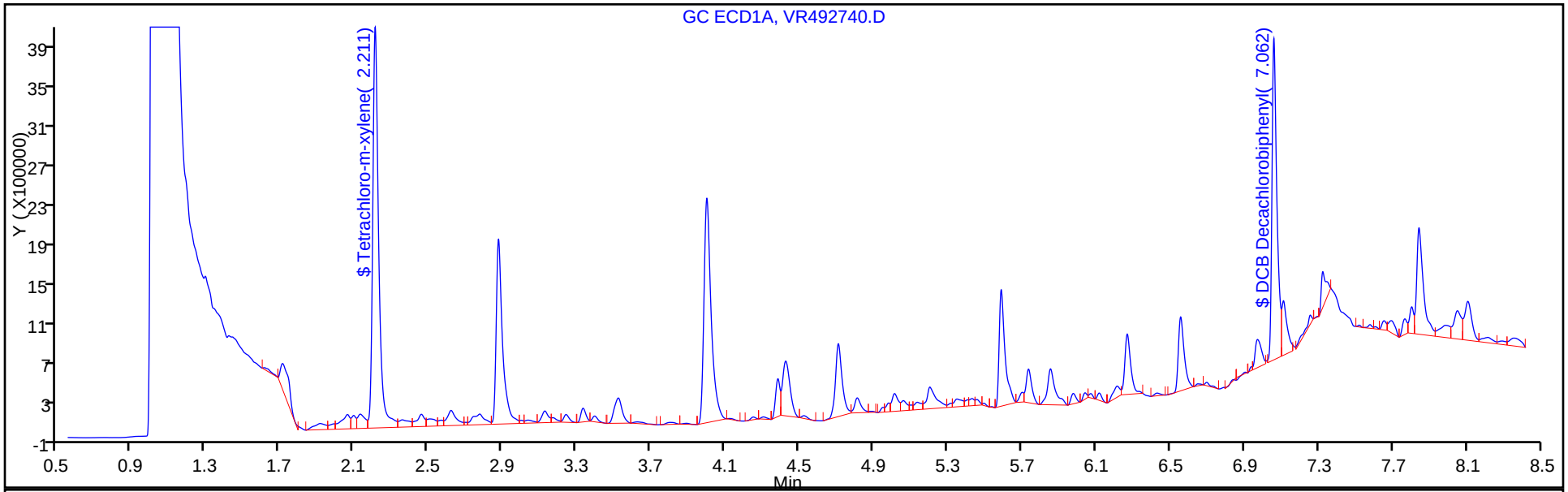
Review Flags
M - Manually Integrated

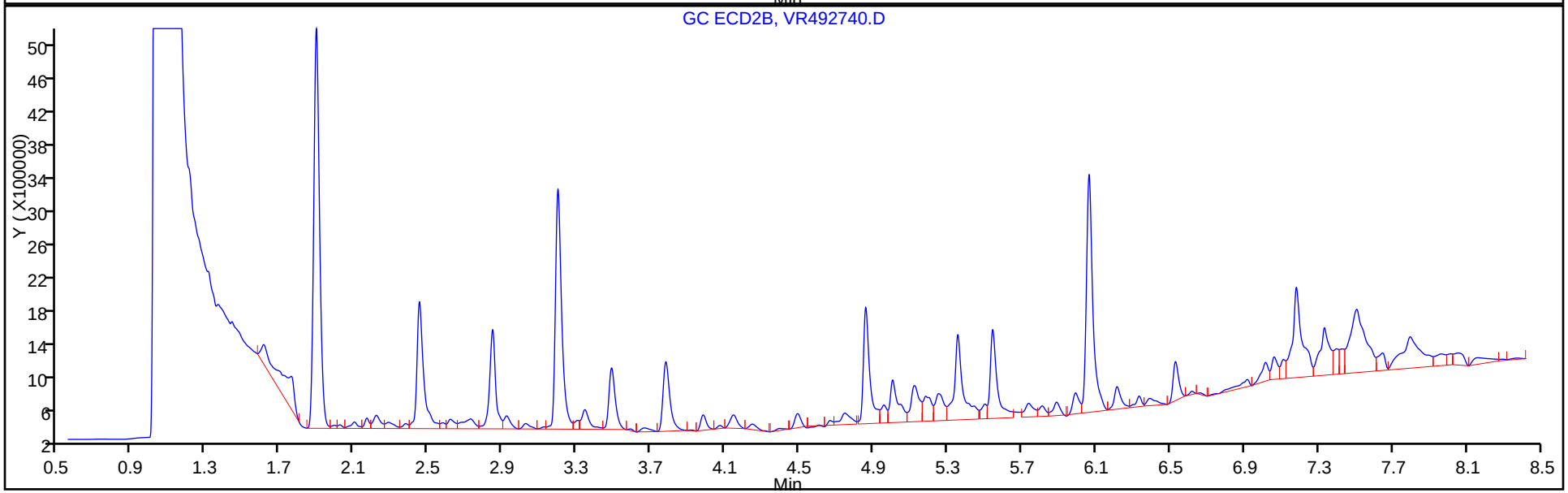
Report Date: 22-Jun-2014 13:53:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D

Injection Date:	21-Jun-2014 17:42:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-9-A	Lab Sample ID:	460-78044-9	Worklist Smp#:	29
Client ID:	TWP-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

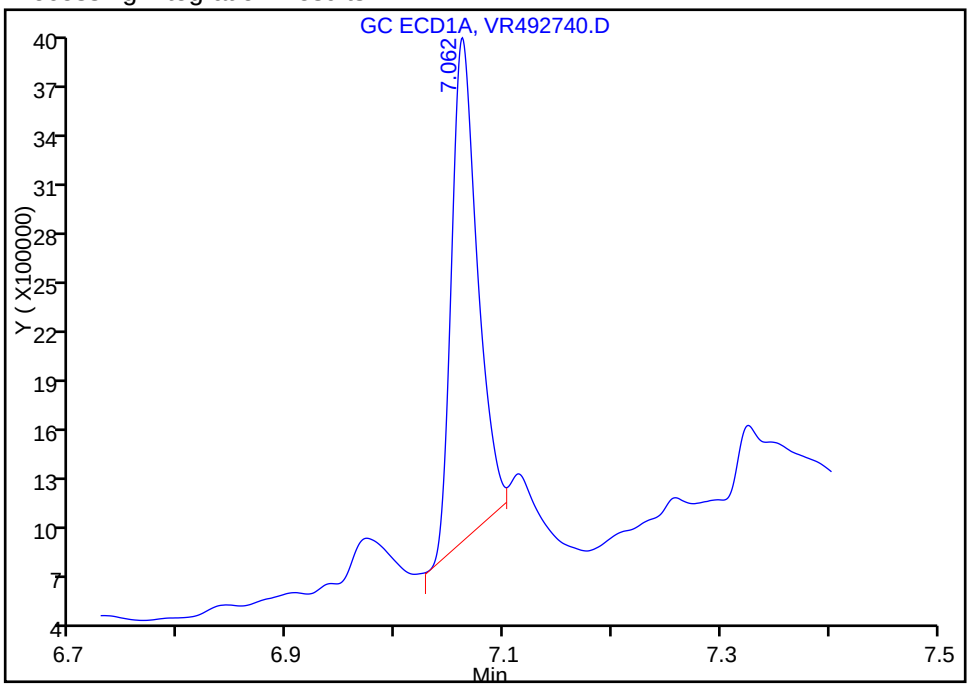
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D				
Injection Date:	21-Jun-2014 17:42:07	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-D-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	615	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

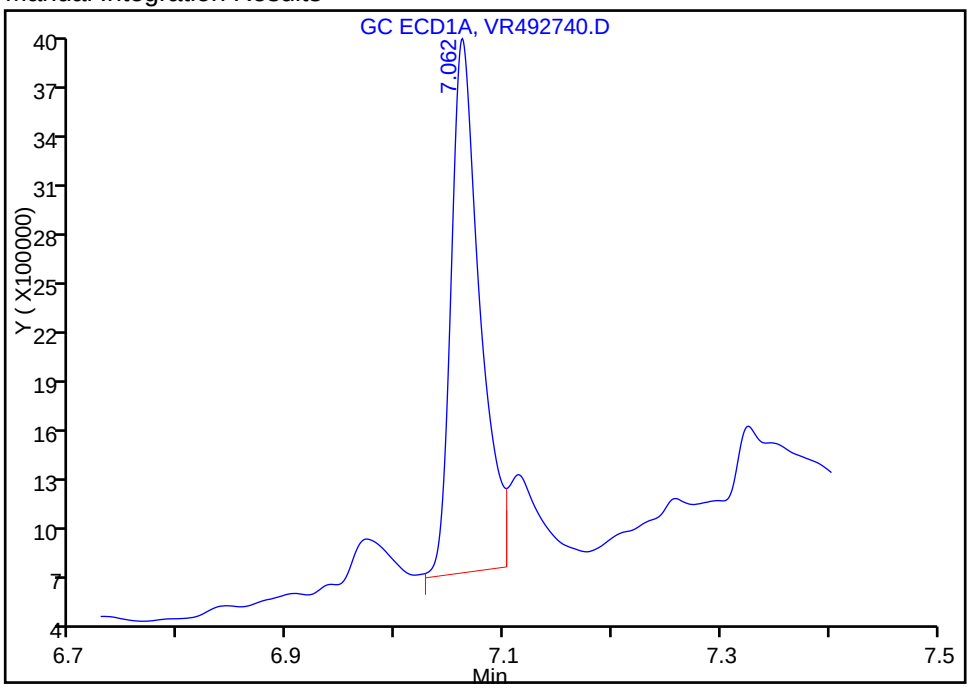
Processing Integration Results

RT: 7.06
Response: 5024475
Amount: 38.905370



Manual Integration Results

RT: 7.06
Response: 5920400
Amount: 49.578915



Reviewer: foleysont, 22-Jun-2014 13:34:00
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Matrix: Water Lab File ID: VR492740.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 17:42

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.017	U	0.050	0.017
319-84-6	alpha-BHC	0.0090	U	0.050	0.0090
319-85-7	beta-BHC	0.013	U	0.050	0.013
319-86-8	delta-BHC	0.012	U	0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.014	U	0.050	0.014
57-74-9	Chlordane	0.21	U	0.50	0.21
72-54-8	4,4'-DDD	0.019	U	0.050	0.019
72-55-9	4,4'-DDE	0.016	U	0.050	0.016
50-29-3	4,4'-DDT	0.017	U	0.050	0.017
60-57-1	Dieldrin	0.022	U	0.050	0.022
959-98-8	Endosulfan I	0.016	U	0.050	0.016
33213-65-9	Endosulfan II	0.016	U	0.050	0.016
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.017	U	0.050	0.017
7421-93-4	Endrin aldehyde	0.016	U	0.050	0.016
53494-70-5	Endrin ketone	0.016	U	0.050	0.016
76-44-8	Heptachlor	0.014	U	0.050	0.014
1024-57-3	Heptachlor epoxide	0.016	U	0.050	0.016
72-43-5	Methoxychlor	0.015	U	0.050	0.015
8001-35-2	Toxaphene	0.34	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		50-147
2051-24-3	DCB Decachlorobiphenyl	51		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D
Lims ID: 460-78044-D-9-A Lab Sample ID: 460-78044-9
Client ID: TWP-4
Sample Type: Client
Inject. Date: 21-Jun-2014 17:42:07 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.209	0.002	8897666	82.7	
2	1.893	1.891	0.002	10562371	81.7	
					RPD = 1.15	
$ 24 DCB Decachlorobiphenyl						M
1	7.062	7.062	0.000	5920400	49.6	M
2	6.064	6.064	0.000	6981881	50.5	M
					RPD = 1.94	

QC Flag Legend

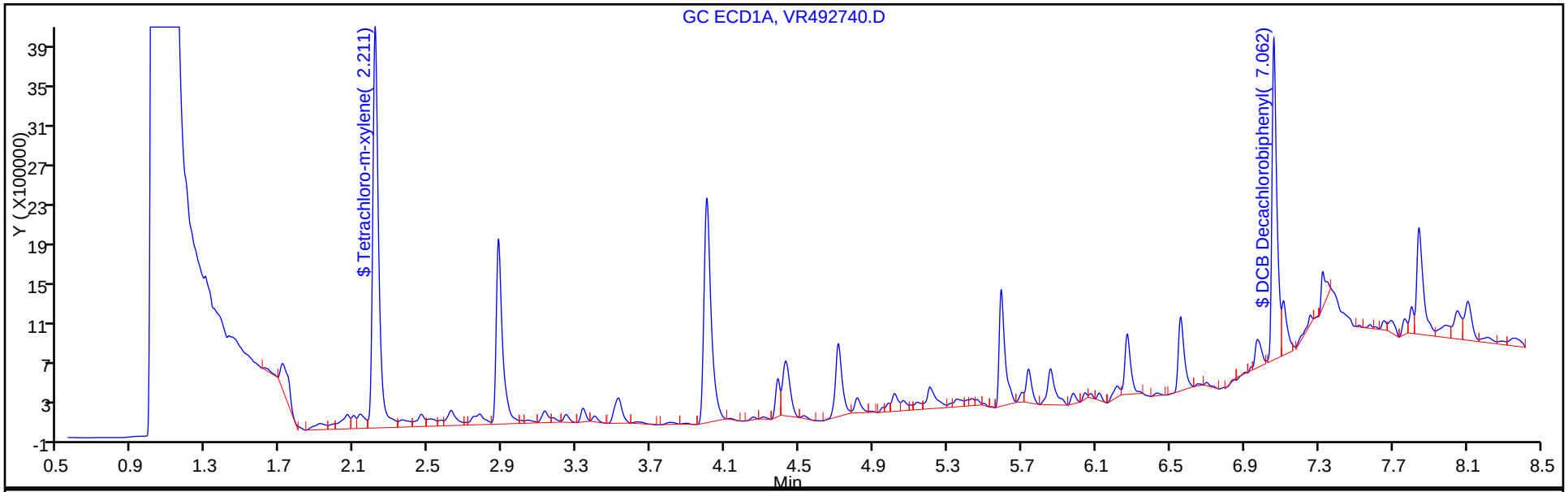
Review Flags
M - Manually Integrated

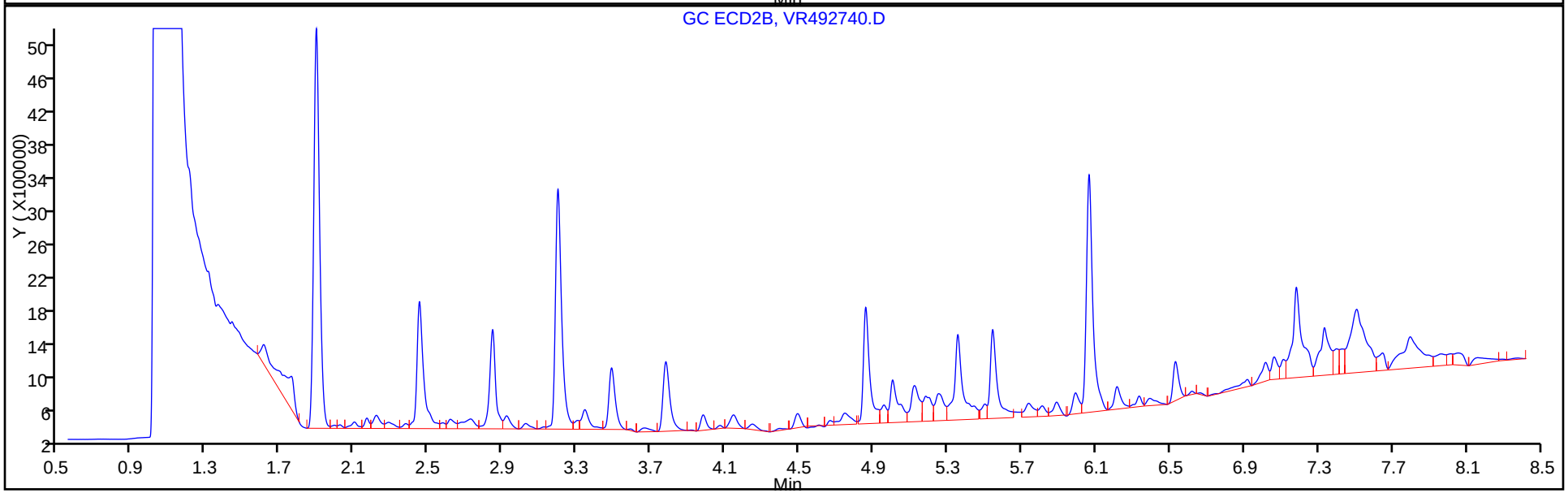
Report Date: 22-Jun-2014 13:53:28 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D

Injection Date:	21-Jun-2014 17:42:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-9-A	Lab Sample ID:	460-78044-9	Worklist Smp#:	29
Client ID:	TWP-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

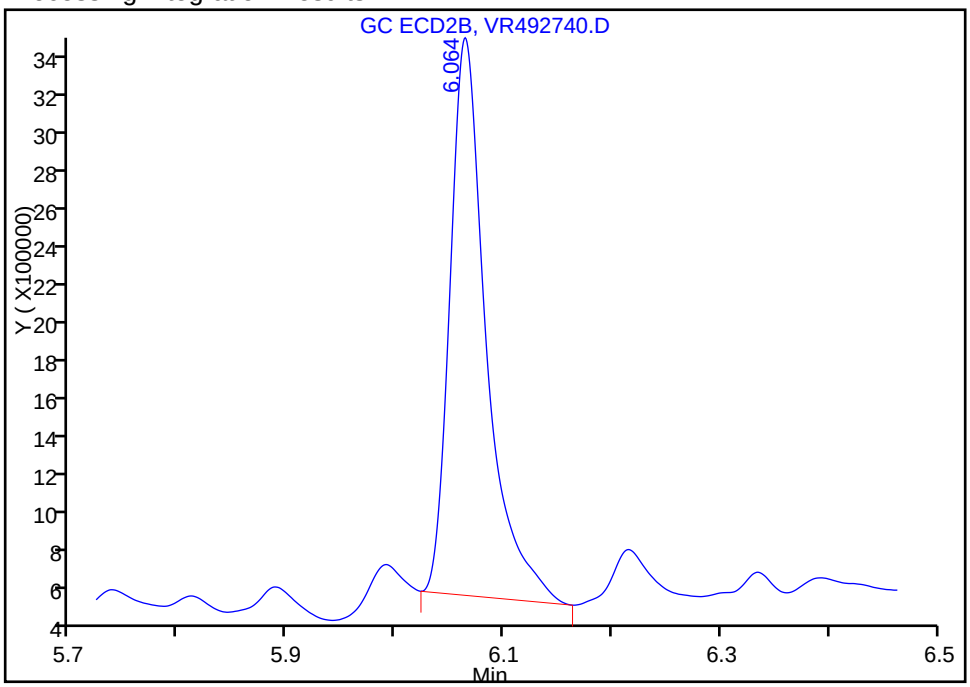
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492740.D				
Injection Date:	21-Jun-2014 17:42:07	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-D-9-A	Lab Sample ID:	460-78044-9		
Client ID:	TWP-4				
Operator ID:	615	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

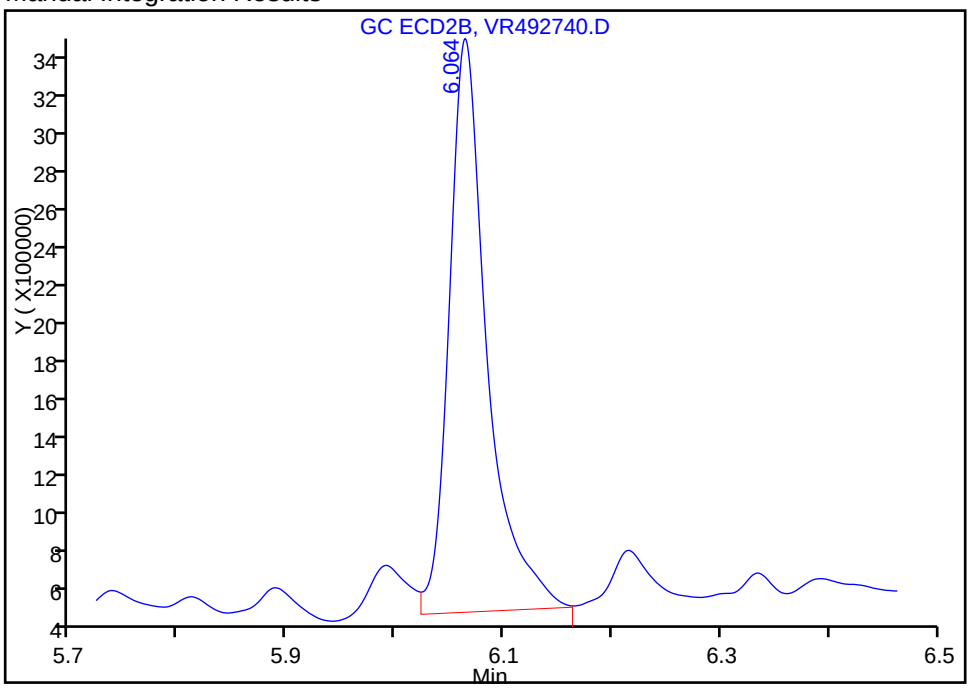
Processing Integration Results

RT: 6.06
Response: 6490153
Amount: 45.058078



Manual Integration Results

RT: 6.06
Response: 6981881
Amount: 50.548021



Reviewer: foleysont, 22-Jun-2014 13:34:00
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Matrix: Water Lab File ID: VR492741.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 17:53

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		50-147
2051-24-3	DCB Decachlorobiphenyl	61		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492741.D
Lims ID: 460-78044-D-10-A Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 21-Jun-2014 17:53:36 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.209	0.003	8337739	77.5	
2	1.895	1.891	0.004	10022233	77.5	
					RPD = 0.10	
$ 24 DCB Decachlorobiphenyl						M
1	7.061	7.062	-0.001	6861584	60.5	M
2	6.064	6.064	0.000	6813123	48.7	
					RPD = 21.71	

QC Flag Legend

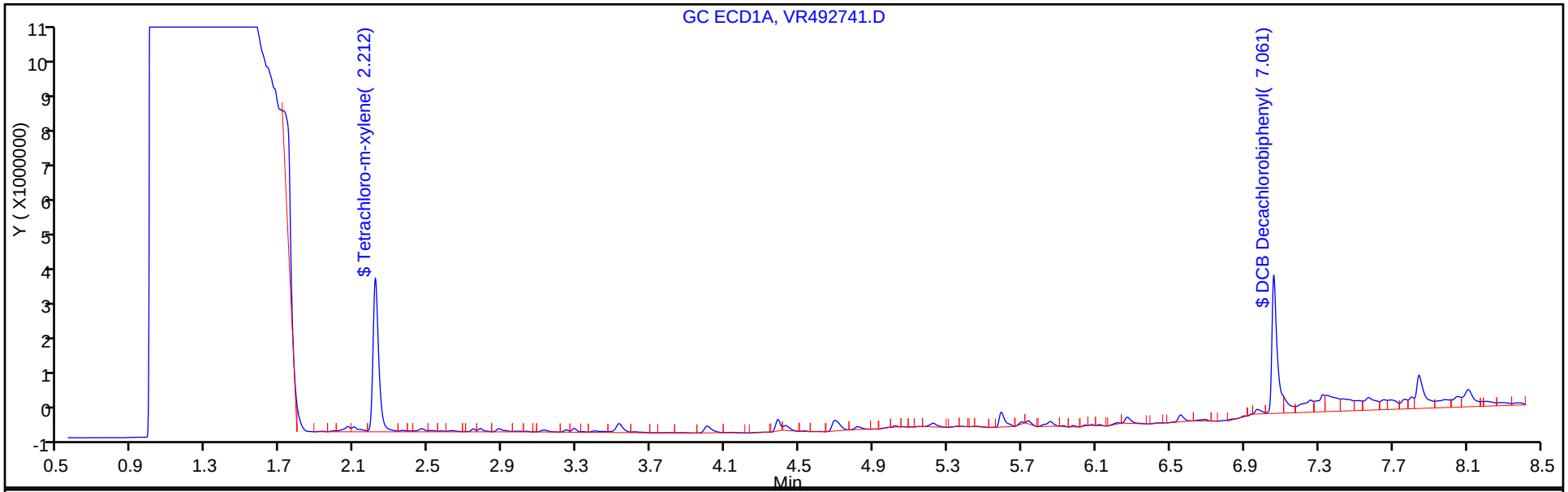
Review Flags
M - Manually Integrated

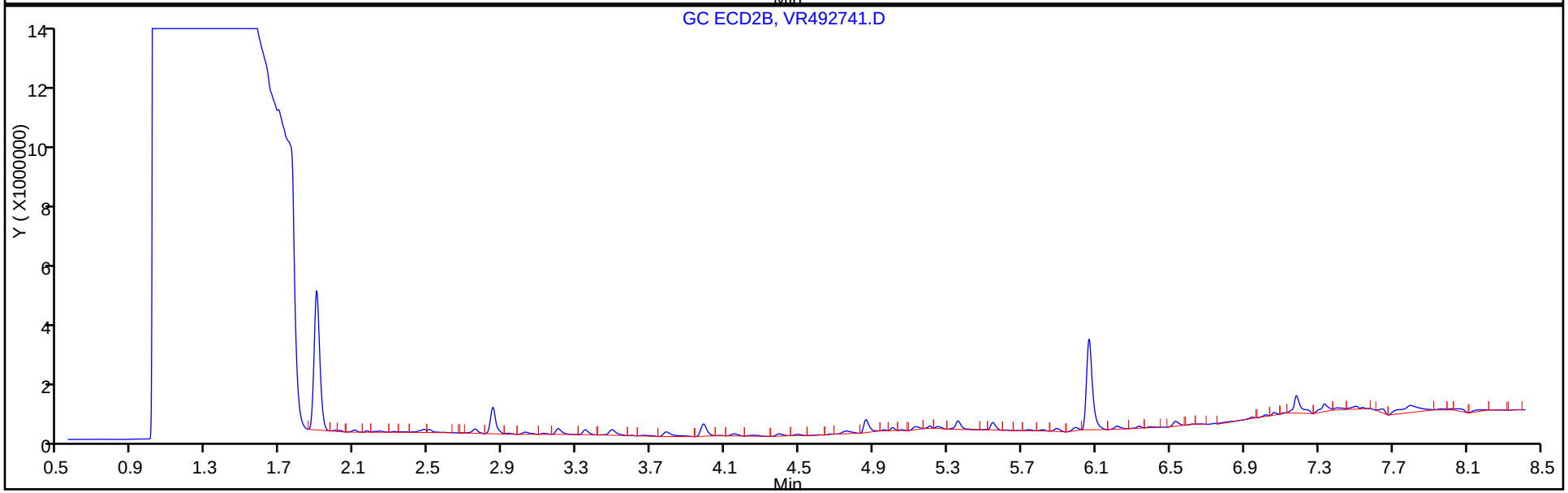
Report Date: 22-Jun-2014 13:53:29 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492741.D

Injection Date:	21-Jun-2014 17:53:36	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-10-A	Lab Sample ID:	460-78044-10	Worklist Smp#:	30
Client ID:	TWP-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

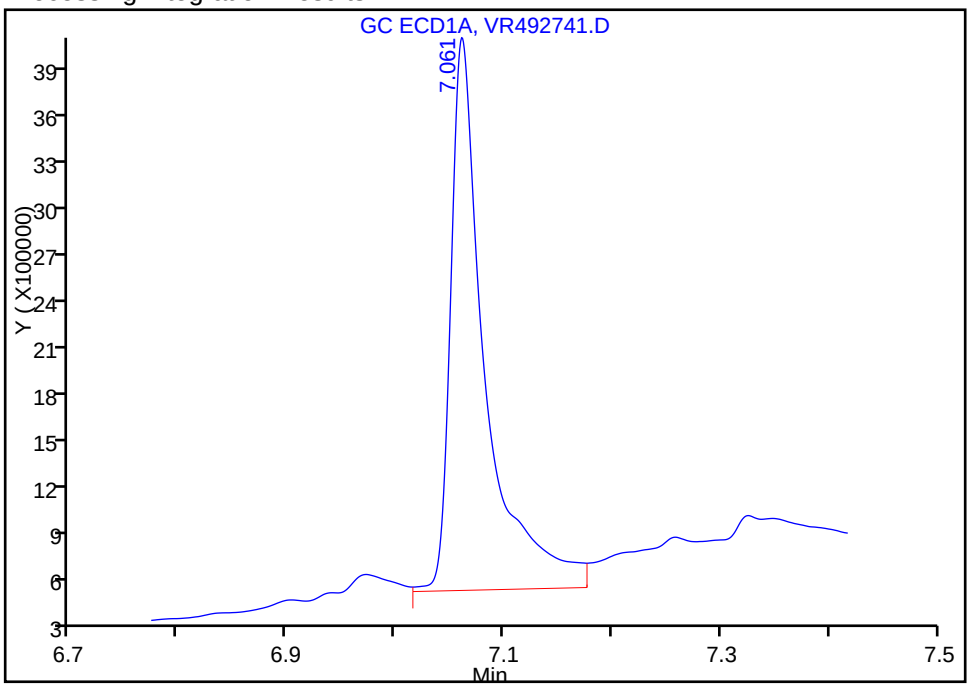
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492741.D				
Injection Date:	21-Jun-2014 17:53:36	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-D-10-A	Lab Sample ID:	460-78044-10		
Client ID:	TWP-5				
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

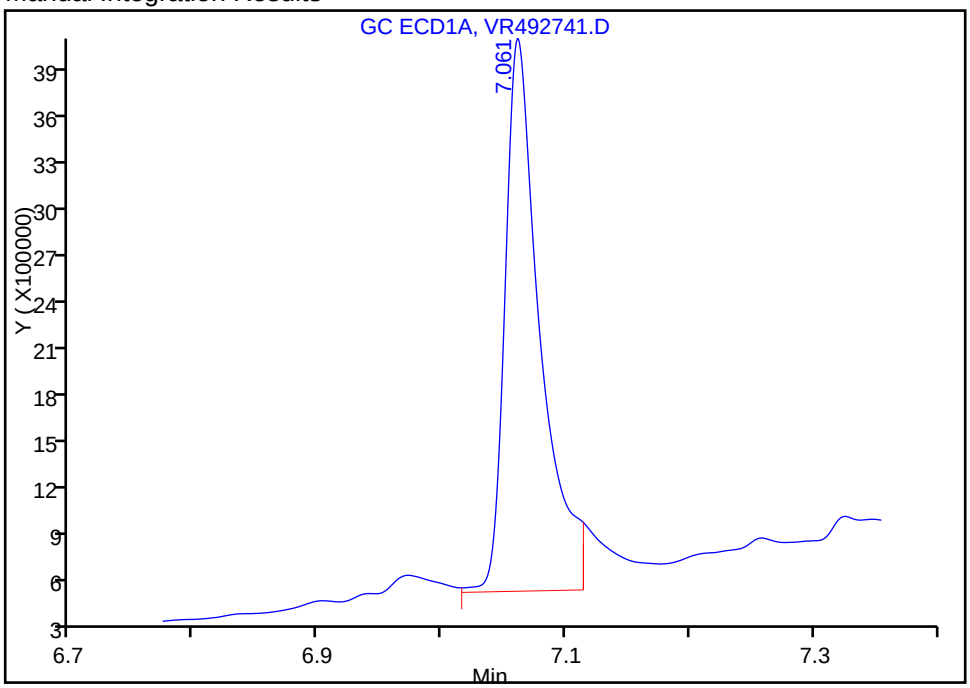
Processing Integration Results

RT: 7.06
Response: 7731117
Amount: 70.406987



Manual Integration Results

RT: 7.06
Response: 6861584
Amount: 60.523436



Reviewer: foleysont, 22-Jun-2014 13:34:34
Audit Action: Split an Integrated Peak
Audit Reason: Wrong Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-5 | Lab Sample ID: 460-78044-10

Matrix: Water | Lab File ID: VR492741.D

Analysis Method: 8081B | Date Collected: 06/18/2014 00:00

Extraction Method: 3510C | Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) | Date Analyzed: 06/21/2014 17:53

Con. Extract Vol.: 1(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.: 232099 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.017	U	0.050	0.017
319-84-6	alpha-BHC	0.0090	U	0.050	0.0090
319-85-7	beta-BHC	0.013	U	0.050	0.013
319-86-8	delta-BHC	0.012	U	0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.014	U	0.050	0.014
57-74-9	Chlordane	0.21	U	0.50	0.21
72-54-8	4,4'-DDD	0.019	U	0.050	0.019
72-55-9	4,4'-DDE	0.016	U	0.050	0.016
50-29-3	4,4'-DDT	0.017	U	0.050	0.017
60-57-1	Dieldrin	0.022	U	0.050	0.022
959-98-8	Endosulfan I	0.016	U	0.050	0.016
33213-65-9	Endosulfan II	0.016	U	0.050	0.016
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.017	U	0.050	0.017
7421-93-4	Endrin aldehyde	0.016	U	0.050	0.016
53494-70-5	Endrin ketone	0.016	U	0.050	0.016
76-44-8	Heptachlor	0.014	U	0.050	0.014
1024-57-3	Heptachlor epoxide	0.016	U	0.050	0.016
72-43-5	Methoxychlor	0.015	U	0.050	0.015
8001-35-2	Toxaphene	0.34	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		50-147
2051-24-3	DCB Decachlorobiphenyl	49		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492741.D
Lims ID: 460-78044-D-10-A Lab Sample ID: 460-78044-10
Client ID: TWP-5
Sample Type: Client
Inject. Date: 21-Jun-2014 17:53:36 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.212	2.209	0.003	8337739	77.5	
2	1.895	1.891	0.004	10022233	77.5	
					RPD = 0.10	
$ 24 DCB Decachlorobiphenyl						M
1	7.061	7.062	-0.001	6861584	60.5	M
2	6.064	6.064	0.000	6813123	48.7	
					RPD = 21.71	

QC Flag Legend

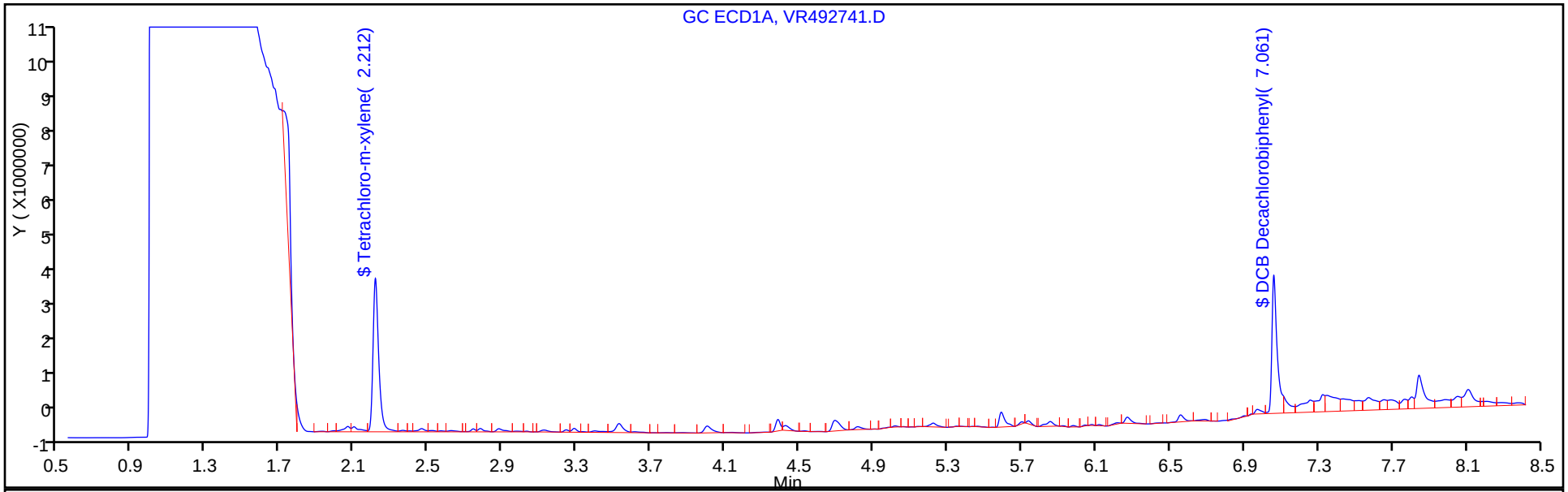
Review Flags
M - Manually Integrated

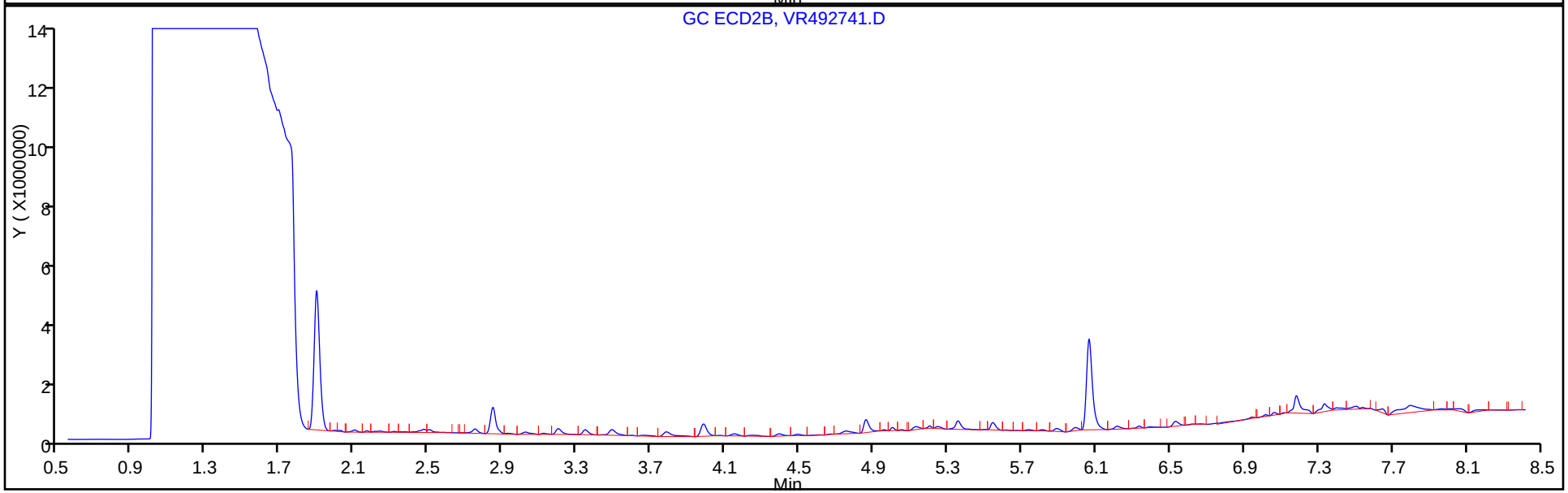
Report Date: 22-Jun-2014 13:53:29 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492741.D

Injection Date:	21-Jun-2014 17:53:36	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-10-A	Lab Sample ID:	460-78044-10	Worklist Smp#:	30
Client ID:	TWP-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Matrix: Water Lab File ID: VR492742.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 18:05

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		50-147
2051-24-3	DCB Decachlorobiphenyl	94		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492742.D
Lims ID: 460-78044-D-11-A Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 21-Jun-2014 18:05:08 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.209	0.002	9005676	83.7	
2	1.894	1.891	0.003	8772617	67.9	
					RPD = 20.85	
$ 24 DCB Decachlorobiphenyl						M
1	7.057	7.062	-0.005	9848539	93.6	
2	6.064	6.064	0.000	4886558	26.8	M
					RPD = 111.04	

QC Flag Legend

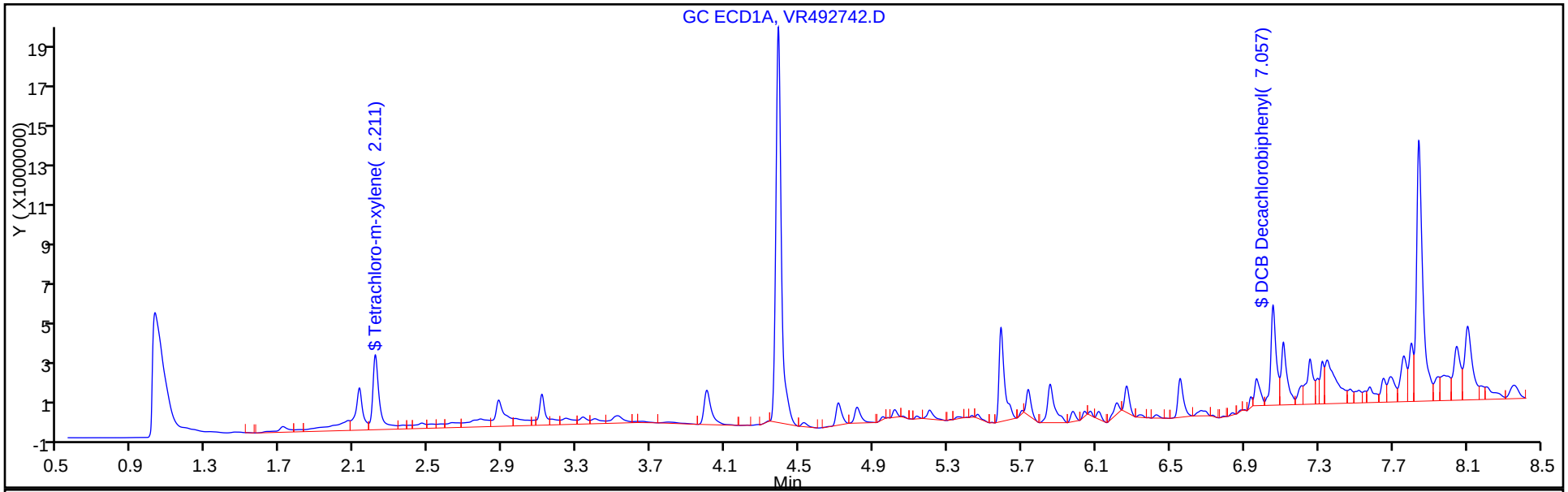
Review Flags
M - Manually Integrated

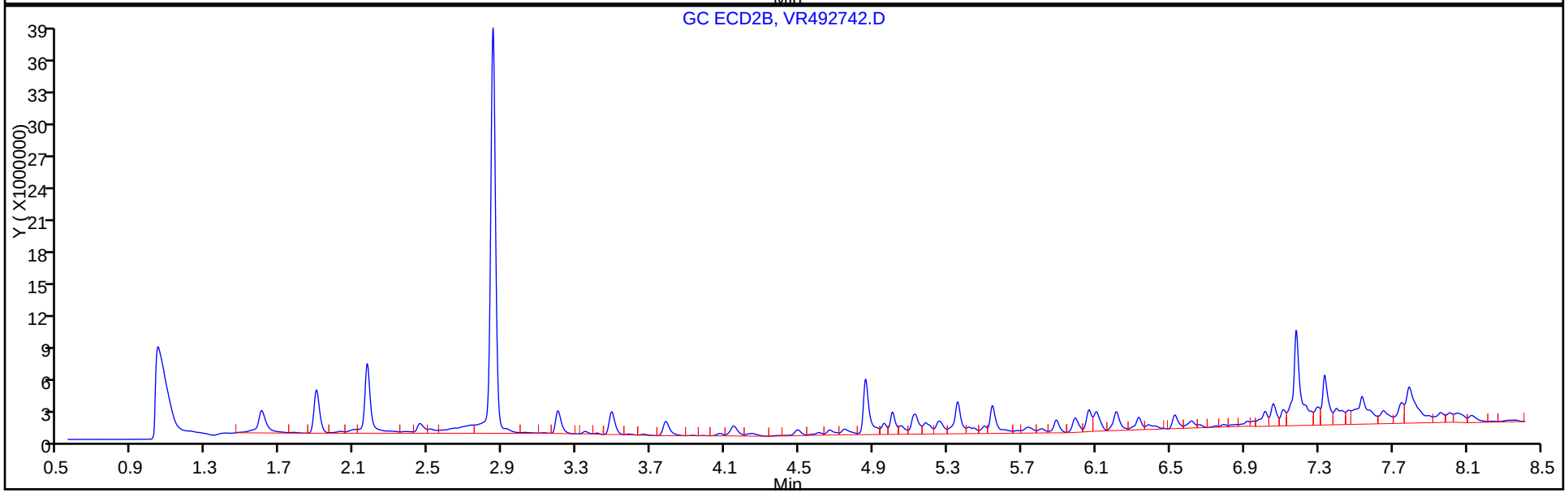
Report Date: 22-Jun-2014 13:53:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492742.D

Injection Date:	21-Jun-2014 18:05:08	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-11-A	Lab Sample ID:	460-78044-11	Worklist Smp#:	31
Client ID:	TWP-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Matrix: Water Lab File ID: VR492742.D

Analysis Method: 8081B Date Collected: 06/18/2014 00:00

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 18:05

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.017	U	0.050	0.017
319-84-6	alpha-BHC	0.0090	U	0.050	0.0090
319-85-7	beta-BHC	0.013	U	0.050	0.013
319-86-8	delta-BHC	0.012	U	0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.014	U	0.050	0.014
57-74-9	Chlordane	0.21	U	0.50	0.21
72-54-8	4,4'-DDD	0.019	U	0.050	0.019
72-55-9	4,4'-DDE	0.016	U	0.050	0.016
50-29-3	4,4'-DDT	0.017	U	0.050	0.017
60-57-1	Dieldrin	0.022	U	0.050	0.022
959-98-8	Endosulfan I	0.016	U	0.050	0.016
33213-65-9	Endosulfan II	0.016	U	0.050	0.016
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.017	U	0.050	0.017
7421-93-4	Endrin aldehyde	0.016	U	0.050	0.016
53494-70-5	Endrin ketone	0.016	U	0.050	0.016
76-44-8	Heptachlor	0.014	U	0.050	0.014
1024-57-3	Heptachlor epoxide	0.016	U	0.050	0.016
72-43-5	Methoxychlor	0.015	U	0.050	0.015
8001-35-2	Toxaphene	0.34	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		50-147
2051-24-3	DCB Decachlorobiphenyl	27	p	26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492742.D
Lims ID: 460-78044-D-11-A Lab Sample ID: 460-78044-11
Client ID: TWP-7
Sample Type: Client
Inject. Date: 21-Jun-2014 18:05:08 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:34:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.211	2.209	0.002	9005676	83.7	
2	1.894	1.891	0.003	8772617	67.9	
					RPD = 20.85	
$ 24 DCB Decachlorobiphenyl						M
1	7.057	7.062	-0.005	9848539	93.6	
2	6.064	6.064	0.000	4886558	26.8	M
					RPD = 111.04	

QC Flag Legend

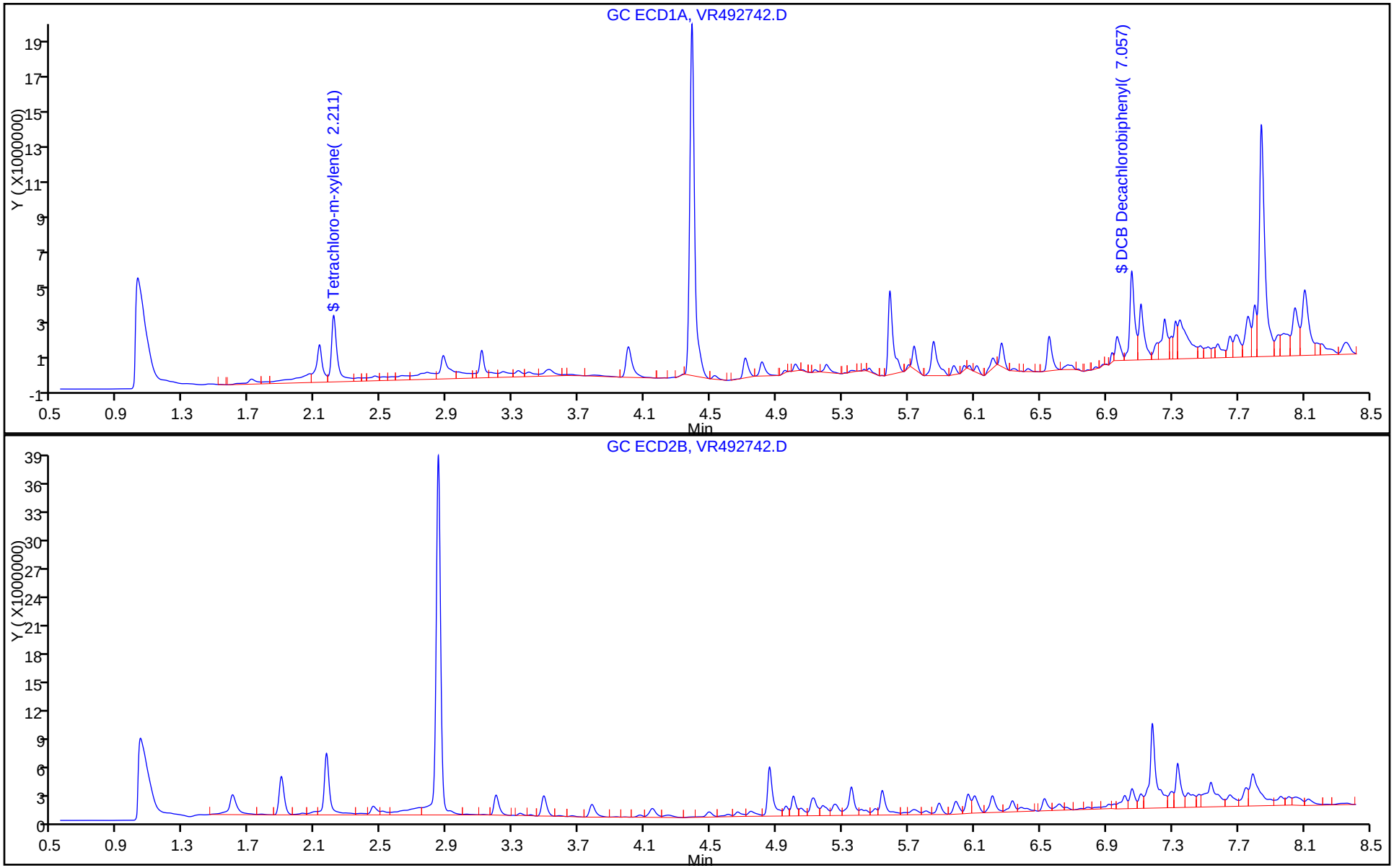
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 13:53:30 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492742.D

Injection Date:	21-Jun-2014 18:05:08	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-78044-D-11-A	Lab Sample ID:	460-78044-11	Worklist Smp#:	31
Client ID:	TWP-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

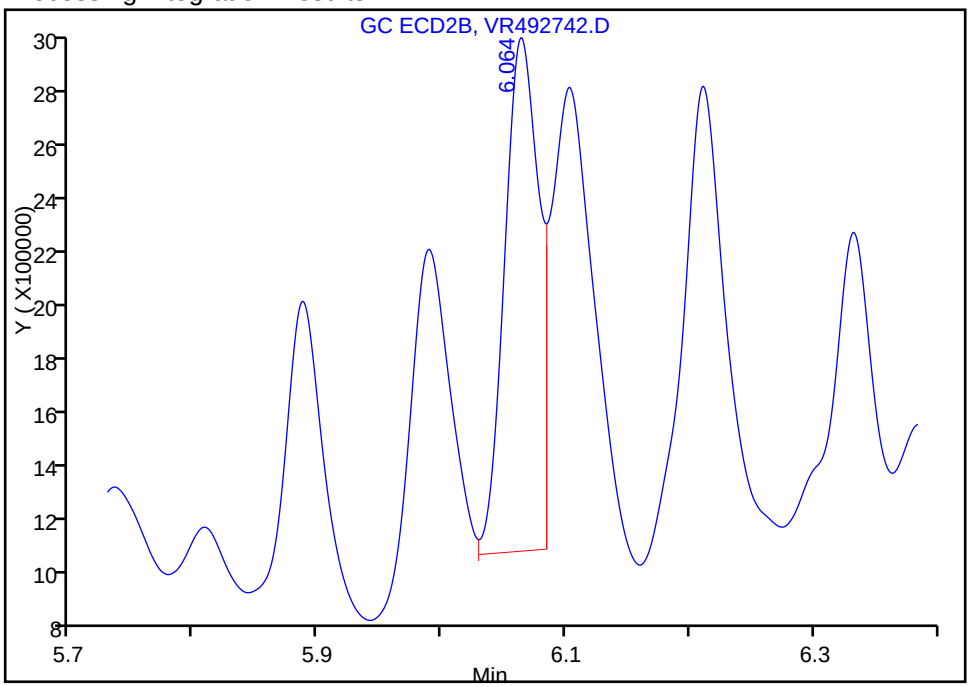
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492742.D				
Injection Date:	21-Jun-2014 18:05:08	Instrument ID:	CPESTGC9		
Lims ID:	460-78044-D-11-A	Lab Sample ID:	460-78044-11		
Client ID:	TWP-7				
Operator ID:	615	ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

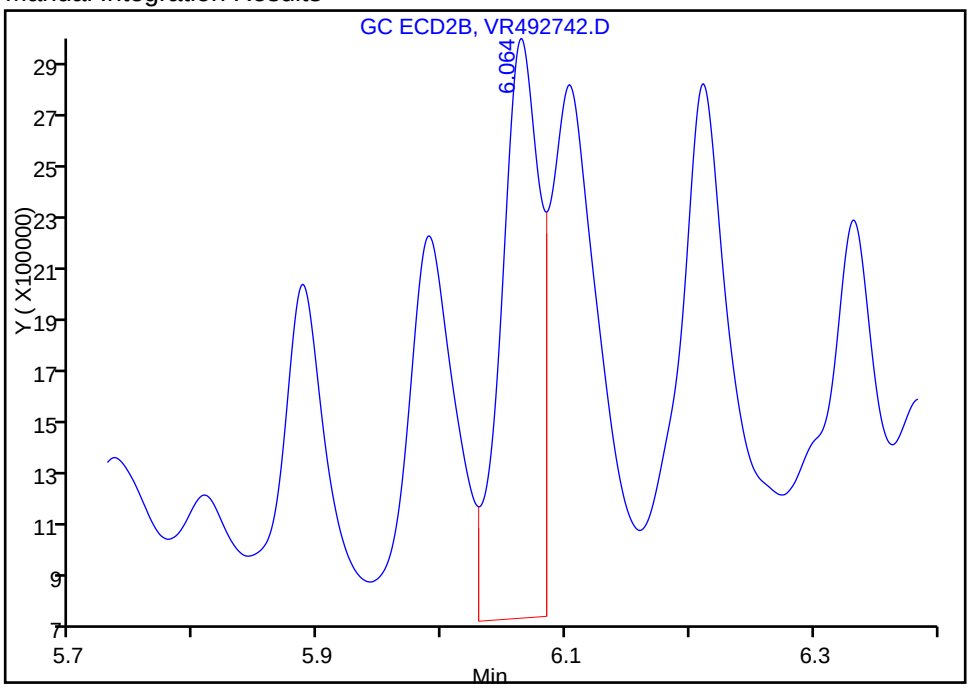
Processing Integration Results

RT: 6.06
Response: 3594169
Amount: 11.613469



Manual Integration Results

RT: 6.06
Response: 4886558
Amount: 26.783688



Reviewer: foleysont, 22-Jun-2014 13:44:29
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40185

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.613	2.618	2.619	2.621	2.622						2.573 - 2.673	2.619
gamma-BHC (Lindane)	2.873	2.878	2.879	2.881	2.882						2.833 - 2.933	2.879
beta-BHC	2.922	2.925	2.927	2.928	2.928						2.881 - 2.981	2.926
delta-BHC	3.164	3.169	3.171	3.173	3.173						3.125 - 3.225	3.170
Heptachlor	3.235	3.239	3.241	3.243	3.243						3.195 - 3.295	3.240
Aldrin	3.530	3.536	3.538	3.540	3.542						3.493 - 3.593	3.537
Heptachlor epoxide	4.115	4.120	4.123	4.125	4.127						4.058 - 4.198	4.122
gamma-Chlordane	4.325	4.331	4.333	4.336	4.337						4.268 - 4.408	4.332
alpha-Chlordane	4.488	4.493	4.496	4.498	4.498						4.430 - 4.570	4.495
Endosulfan I	4.561	4.567	4.569	4.571	4.573						4.504 - 4.644	4.568
4,4'-DDE	4.646	4.652	4.654	4.656	4.657						4.588 - 4.728	4.653
Dieldrin	4.823	4.828	4.829	4.831	4.832						4.763 - 4.903	4.829
Endrin	5.056	5.061	5.063	5.064	5.064						4.995 - 5.135	5.062
4,4'-DDD	5.115	5.119	5.121	5.122	5.122						5.053 - 5.193	5.120
Endosulfan II	5.203	5.206	5.208	5.209	5.209						5.140 - 5.280	5.207
4,4'-DDT	5.333	5.336	5.337	5.338	5.338						5.269 - 5.409	5.336
Endrin aldehyde	5.429	5.431	5.433	5.434	5.433						5.364 - 5.504	5.432
Endosulfan sulfate	5.629	5.633	5.633	5.634	5.635						5.565 - 5.705	5.633
Methoxychlor	5.864	5.868	5.868	5.869	5.870						5.800 - 5.940	5.868
Endrin ketone	6.100	6.103	6.103	6.104	6.105						6.035 - 6.175	6.103
Tetrachloro-m-xylene	2.204	2.207	2.208	2.209	2.211						2.162 - 2.262	2.208
DCB Decachlorobiphenyl	7.065	7.066	7.066	7.065	7.066						6.964 - 7.164	7.066

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40185

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.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	95747 131733	133491	123123	126737	Ave		122166.334				13.0		20.0			
gamma-BHC (Lindane)	75180 110813	119391	109191	109135	Ave		104742.083				16.0		20.0			
beta-BHC	45169 71505	74243	67680	68971	Ave		65513.7516				18.0		20.0			
delta-BHC	76326 116564	118008	110706	113000	Ave		106920.664				16.0		20.0			
Heptachlor	111632 130087	134019	122062	125814	Ave		124722.765				6.9		20.0			
Aldrin	57874 118799	119838	111452	115252	Qua	-56174.500	112316.105	13.1492460						1.0000		0.9950
Heptachlor epoxide	110601 112512	123035	111027	111114	Ave		113657.945				4.7		20.0			
gamma-Chlordane	89046 113168	122901	110848	111613	Ave		109515.350				11.0		20.0			
alpha-Chlordane	96346 103510	117074	105050	103065	Ave		105009.037				7.2		20.0			
Endosulfan I	84638 109174	114231	104766	106865	Ave		103934.689				11.0		20.0			
4,4'-DDE	81141 110388	105790	99868	105418	Ave		100520.772				11.0		20.0			
Dieldrin	98706 109661	111530	103643	106186	Ave		105945.187				4.8		20.0			
Endrin	83928 87062	90392	84945	84975	Ave		86260.3504				3.0		20.0			
4,4'-DDD	74469 89052	87111	84016	85860	Ave		84101.7236				6.8		20.0			
Endosulfan II	115581 93800	104384	96523	92079	Ave		100473.248				9.6		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40185

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	87034 78890	73722	73275	74412	Ave		77466.7104				7.5		20.0			
Endrin aldehyde	103158 76003	93207	85742	77975	Ave		87216.7652				13.0		20.0			
Endosulfan sulfate	103276 87947	98269	87675	86782	Ave		92789.8192				8.1		20.0			
Methoxychlor	27910 45569	45594	42253	44222	Ave		41109.6440				18.0		20.0			
Endrin ketone	90609 110624	124550	111100	109945	Ave		109365.463				11.0		20.0			
Tetrachloro-m-xylene	120853 105166	104532	102904	104770	Ave		107644.974				6.9		20.0			
DCB Decachlorobiphenyl	257737 102929	109032	103069	106672	Qua	1942346.35	75519.1269	95.1548903						0.9960		0.9950

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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40185

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.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	478735	6674538	12312307	31684358	65866705	5.00	50.0	100	250	500
gamma-BHC (Lindane)	Ave	375902	5969559	10919117	27283725	55406383	5.00	50.0	100	250	500
beta-BHC	Ave	225845	3712173	6767989	17242752	35752700	5.00	50.0	100	250	500
delta-BHC	Ave	381631	5900375	11070560	28250005	58282000	5.00	50.0	100	250	500
Heptachlor	Ave	558162	6700944	12206194	31453497	65043308	5.00	50.0	100	250	500
Aldrin	Qua	289369	5991909	11145150	28813000	59399608	5.00	50.0	100	250	500
Heptachlor epoxide	Ave	553005	6151768	11102675	27778601	56256106	5.00	50.0	100	250	500
gamma-Chlordane	Ave	445231	6145052	11084766	27903372	56584182	5.00	50.0	100	250	500
alpha-Chlordane	Ave	481732	5853684	10504968	25766268	51755177	5.00	50.0	100	250	500
Endosulfan I	Ave	423188	5711541	10476607	26716197	54587084	5.00	50.0	100	250	500
4,4'-DDE	Ave	405704	5289500	9986757	26354414	55193917	5.00	50.0	100	250	500
Dieldrin	Ave	493530	5576482	10364329	26546616	54830270	5.00	50.0	100	250	500
Endrin	Ave	419638	4519608	8494515	21243660	43531101	5.00	50.0	100	250	500
4,4'-DDD	Ave	372344	4355557	8401603	21465073	44526178	5.00	50.0	100	250	500
Endosulfan II	Ave	577904	5219183	9652272	23019805	46899920	5.00	50.0	100	250	500
4,4'-DDT	Ave	435169	3686124	7327516	18603044	39444968	5.00	50.0	100	250	500
Endrin aldehyde	Ave	515790	4660337	8574177	19493626	38001406	5.00	50.0	100	250	500
Endosulfan sulfate	Ave	516380	4913462	8767458	21695461	43973716	5.00	50.0	100	250	500
Methoxychlor	Ave	139548	2279685	4225335	11055579	22784627	5.00	50.0	100	250	500
Endrin ketone	Ave	453044	6227487	11109999	27486317	55311758	5.00	50.0	100	250	500
Tetrachloro-m-xylene	Ave	1510667	5226602	10290380	15715499	21033135	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Qua	3221713	5451620	10306890	16000835	20585711	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492611.D
Lims ID: STD PESTL1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jun-2014 13:32:21 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:32 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.204	2.212	-0.008	1510667	12.5	14.0	
2	1.886	1.894	-0.008	1782533	12.5	13.8	
						RPD = 1.75	
15 alpha-BHC							
1	2.613	2.623	-0.009	478735	5.00	3.92	
2	2.188	2.198	-0.010	711285	5.00	4.56	
						RPD = 15.08	
2 gamma-BHC (Lindane)							
1	2.873	2.883	-0.010	375902	5.00	3.59	
2	2.375	2.384	-0.009	676444	5.00	4.81	
						RPD = 29.15	
6 beta-BHC							
1	2.922	2.931	-0.009	225845	5.00	3.45	
2	2.425	2.432	-0.007	487208	5.00	5.71	
						RPD = 49.38	
32 delta-BHC							
1	3.164	3.175	-0.011	381631	5.00	3.57	
2	2.537	2.547	-0.010	687936	5.00	4.82	
						RPD = 29.91	
18 Heptachlor							
1	3.235	3.245	-0.010	558162	5.00	4.48	
2	2.664	2.673	-0.009	947693	5.00	6.00	
						RPD = 29.08	
8 Aldrin							
1	3.530	3.543	-0.013	289369	5.00	3.08	
2	2.865	2.877	-0.012	1037186	5.00	14.7	
						RPD = 130.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.115	4.128	-0.013	553005	5.00	4.87	
2	3.306	3.318	-0.012	941961	5.00	6.49	
						RPD = 28.64	
9 gamma-Chlordane							
1	4.325	4.338	-0.013	445231	5.00	4.07	
2	3.410	3.423	-0.013	770582	5.00	5.53	
						RPD = 30.52	
23 alpha-Chlordane							
1	4.488	4.500	-0.012	481732	5.00	4.59	
2	3.524	3.535	-0.011	760258	5.00	5.71	
						RPD = 21.78	
7 Endosulfan I							
1	4.561	4.574	-0.013	423188	5.00	4.07	
2	3.644	3.656	-0.012	765302	5.00	5.37	
						RPD = 27.48	
25 4,4'-DDE							
1	4.646	4.658	-0.012	405704	5.00	4.04	
2	3.583	3.595	-0.012	631186	5.00	4.84	
						RPD = 18.20	
30 Dieldrin							
1	4.823	4.833	-0.010	493530	5.00	4.66	
2	3.870	3.885	-0.015	731875	5.00	5.17	
						RPD = 10.41	
20 Endrin							
1	5.056	5.065	-0.009	419638	5.00	4.86	
2	4.118	4.133	-0.015	570876	5.00	4.74	
						RPD = 2.67	
16 4,4'-DDD							
1	5.115	5.123	-0.008	372344	5.00	4.43	
2	4.185	4.200	-0.015	615385	5.00	5.17	
						RPD = 15.57	
11 Endosulfan II							
1	5.203	5.210	-0.007	577904	5.00	5.75	
2	4.357	4.370	-0.013	619136	5.00	5.01	
						RPD = 13.83	
21 4,4'-DDT							
1	5.333	5.339	-0.006	435169	5.00	5.62	
2	4.483	4.497	-0.014	613865	5.00	5.56	
						RPD = 0.95	
5 Endrin aldehyde							
1	5.429	5.434	-0.005	515790	5.00	5.91	
2	4.760	4.770	-0.010	676615	5.00	6.12	
						RPD = 3.46	
3 Endosulfan sulfate							
1	5.629	5.635	-0.006	516380	5.00	5.57	
2	4.927	4.935	-0.008	277153	5.00	4.69	
						RPD = 17.03	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.864	5.870	-0.006	139548	5.00	3.39	
2	5.070	5.079	-0.009	474377	5.00	4.66	
						RPD = 31.40	
13 Endrin ketone							
1	6.100	6.105	-0.005	453044	5.00	4.14	
2	5.265	5.273	-0.008	653439	5.00	5.26	
						RPD = 23.84	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.064	0.001	3221713	12.5	16.6	
2	6.065	6.070	-0.005	3923748	12.5	15.5	
						RPD = 6.68	

Reagents:

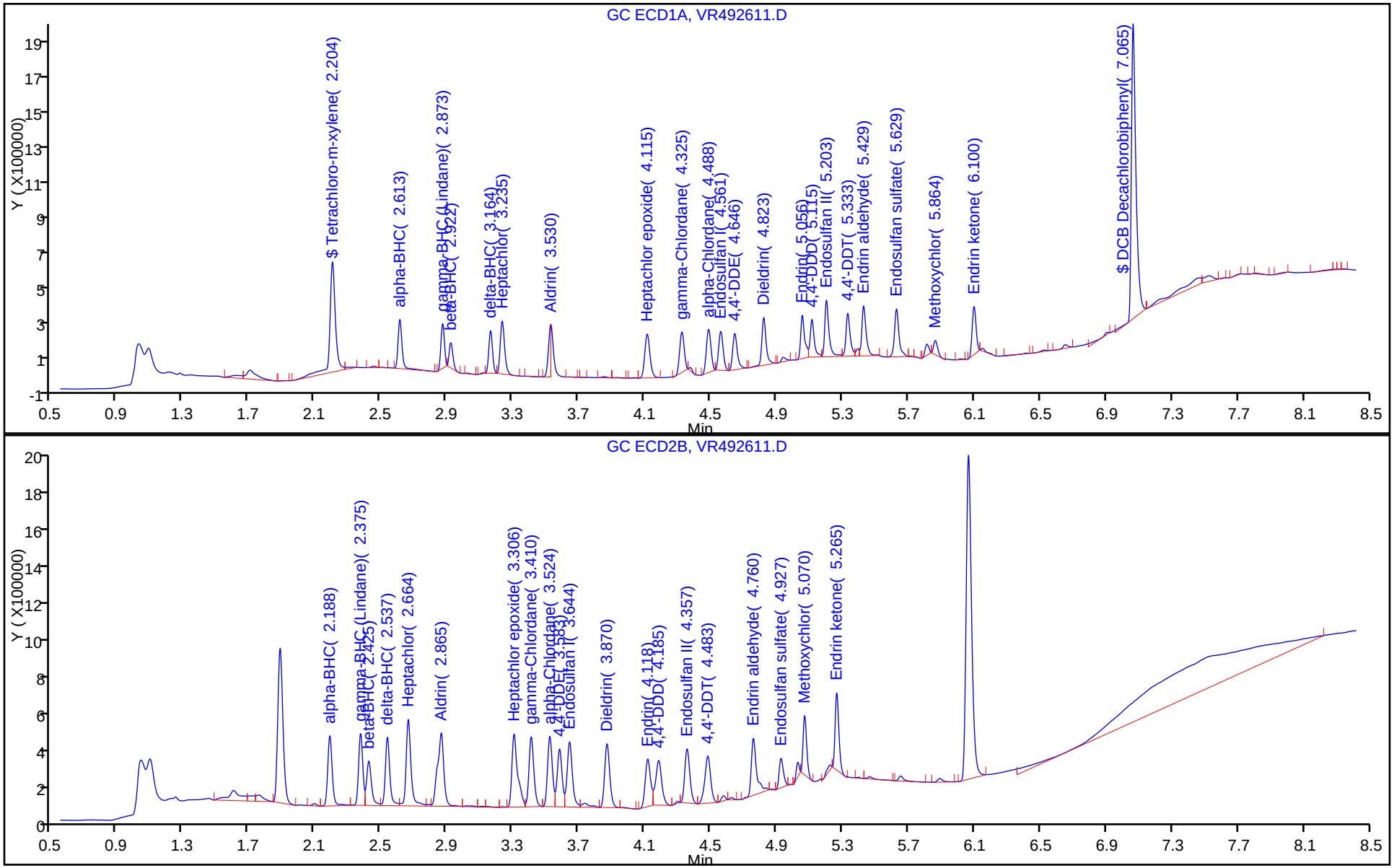
SGPEST-LVI-L1_00002 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:33 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492611.D

Injection Date:	18-Jun-2014 13:32:21	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL1			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492612.D
Lims ID: STD PESTL2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jun-2014 13:43:51 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:35 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.207	2.212	-0.005	5226602	50.0	48.6	
2	1.888	1.894	-0.006	6353496	50.0	49.2	
						RPD = 1.22	
15 alpha-BHC							
1	2.618	2.623	-0.004	6674538	50.0	54.6	
2	2.193	2.198	-0.005	8832689	50.0	56.6	
						RPD = 3.53	
2 gamma-BHC (Lindane)							
1	2.878	2.883	-0.005	5969559	50.0	57.0	
2	2.379	2.384	-0.005	8118786	50.0	57.8	
						RPD = 1.36	
6 beta-BHC							
1	2.925	2.931	-0.006	3712173	50.0	56.7	
2	2.428	2.432	-0.004	4843380	50.0	56.7	
						RPD = 0.14	
32 delta-BHC							
1	3.169	3.175	-0.006	5900375	50.0	55.2	
2	2.542	2.547	-0.005	8077292	50.0	56.6	
						RPD = 2.62	
18 Heptachlor							
1	3.239	3.245	-0.006	6700944	50.0	53.7	
2	2.668	2.673	-0.005	8749667	50.0	55.4	
						RPD = 3.02	
8 Aldrin							
1	3.536	3.543	-0.007	5991909	50.0	53.5	
2	2.870	2.877	-0.007	3685509	50.0	33.0	
						RPD = 47.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.120	4.128	-0.008	6151768	50.0	54.1	
2	3.311	3.318	-0.007	7831485	50.0	54.0	
						RPD = 0.28	
9 gamma-Chlordane							
1	4.331	4.338	-0.007	6145052	50.0	56.1	
2	3.415	3.423	-0.008	7791452	50.0	55.9	
						RPD = 0.36	
23 alpha-Chlordane							
1	4.493	4.500	-0.007	5853684	50.0	55.7	
2	3.528	3.535	-0.007	7529233	50.0	56.5	
						RPD = 1.41	
7 Endosulfan I							
1	4.567	4.574	-0.007	5711541	50.0	55.0	
2	3.648	3.656	-0.008	7996879	50.0	56.1	
						RPD = 2.06	
25 4,4'-DDE							
1	4.652	4.658	-0.006	5289500	50.0	52.6	
2	3.588	3.595	-0.007	7183036	50.0	55.1	
						RPD = 4.65	
30 Dieldrin							
1	4.828	4.833	-0.005	5576482	50.0	52.6	
2	3.877	3.885	-0.008	7714292	50.0	54.5	
						RPD = 3.47	
20 Endrin							
1	5.061	5.065	-0.004	4519608	50.0	52.4	
2	4.124	4.133	-0.009	6656579	50.0	55.2	
						RPD = 5.27	
16 4,4'-DDD							
1	5.119	5.123	-0.004	4355557	50.0	51.8	
2	4.191	4.200	-0.009	6210520	50.0	52.2	
						RPD = 0.84	
11 Endosulfan II							
1	5.206	5.210	-0.004	5219183	50.0	51.9	
2	4.363	4.370	-0.007	6974987	50.0	56.4	
						RPD = 8.25	
21 4,4'-DDT							
1	5.336	5.339	-0.003	3686124	50.0	47.6	
2	4.489	4.497	-0.008	5588817	50.0	50.7	
						RPD = 6.27	
5 Endrin aldehyde							
1	5.431	5.434	-0.003	4660337	50.0	53.4	
2	4.763	4.770	-0.007	6178158	50.0	55.9	
						RPD = 4.51	
3 Endosulfan sulfate							
1	5.633	5.635	-0.002	4913462	50.0	53.0	
2	4.930	4.935	-0.005	3604280	50.0	61.0	
						RPD = 14.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.868	5.870	-0.002	2279685	50.0	55.5	
2	5.074	5.079	-0.005	6239744	50.0	61.3	
						RPD = 9.98	
13 Endrin ketone							
1	6.103	6.105	-0.002	6227487	50.0	56.9	
2	5.269	5.273	-0.004	7421733	50.0	59.8	
						RPD = 4.87	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.064	0.002	5451620	50.0	44.0	
2	6.068	6.070	-0.002	6516341	50.0	45.4	
						RPD = 2.97	

Reagents:

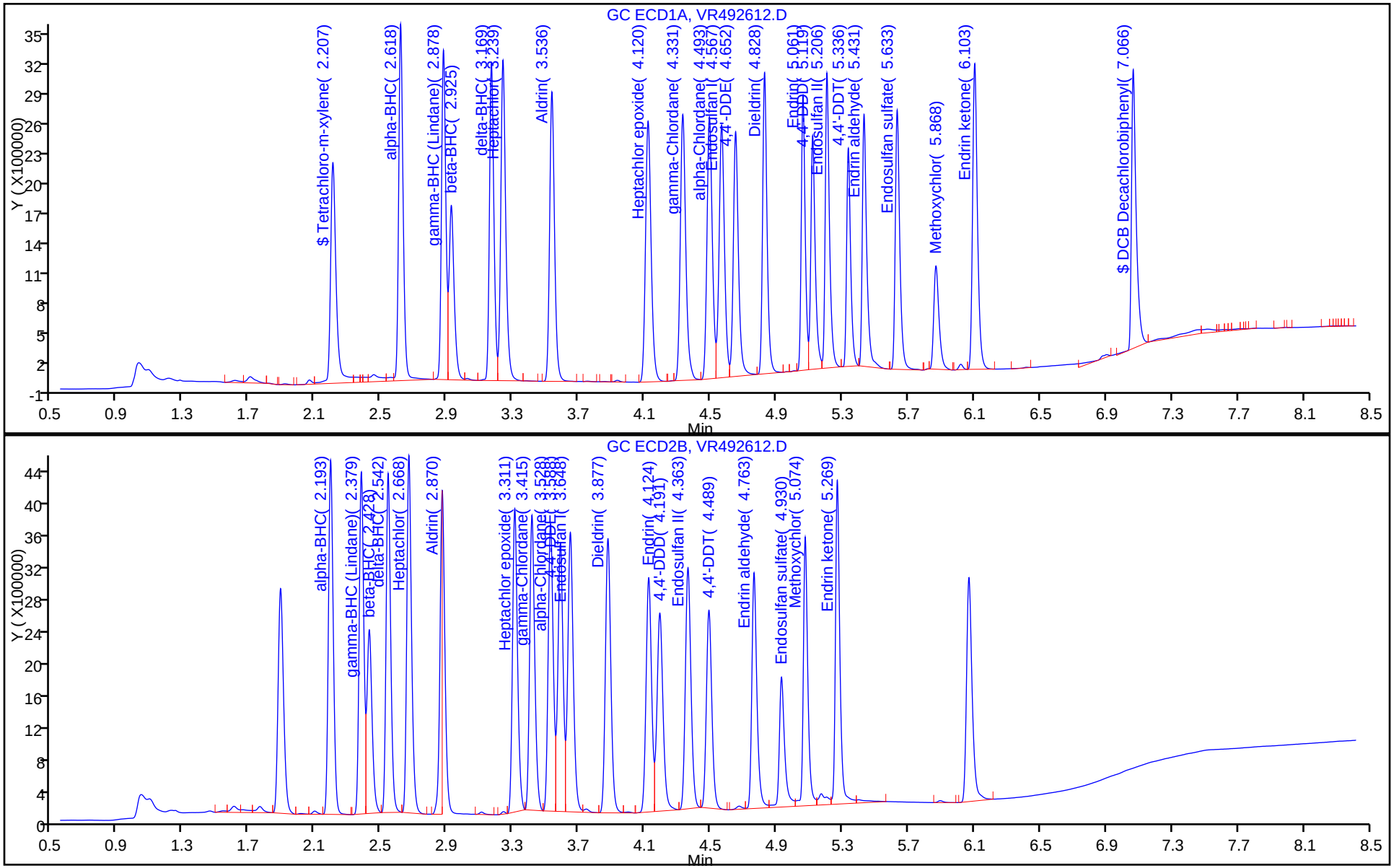
SGPESTL2_00017 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:38 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492612.D

Injection Date:	18-Jun-2014 13:43:51	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL2			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492613.D
Lims ID: STD PESTL3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 18-Jun-2014 13:55:22 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:40 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 07:24:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.208	2.208	0.000	10290380	100.0	95.6	
2	1.891	1.891	0.000	12438045	100.0	96.2	
						RPD = 0.65	
15 alpha-BHC							
1	2.619	2.619	0.000	12312307	100.0	100.8	
2	2.195	2.195	0.000	15749904	100.0	100.9	
						RPD = 0.14	
2 gamma-BHC (Lindane)							
1	2.879	2.879	0.000	10919117	100.0	104.2	
2	2.381	2.381	0.000	14188704	100.0	101.0	
						RPD = 3.20	
6 beta-BHC							
1	2.927	2.927	0.000	6767989	100.0	103.3	
2	2.429	2.429	0.000	8260312	100.0	96.8	
						RPD = 6.53	
32 delta-BHC							
1	3.171	3.171	0.000	11070560	100.0	103.5	
2	2.543	2.543	0.000	14259947	100.0	100.0	
						RPD = 3.47	
18 Heptachlor							
1	3.241	3.241	0.000	12206194	100.0	97.9	
2	2.669	2.669	0.000	14929212	100.0	94.5	
						RPD = 3.52	
8 Aldrin							
1	3.538	3.538	0.000	11145150	100.0	98.6	
2	2.873	2.873	0.000	14098635	100.0	105.9	
						RPD = 7.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.123	4.123	0.000	11102675	100.0	97.7	
2	3.313	3.313	0.000	13370876	100.0	92.2	
						RPD = 5.83	
9 gamma-Chlordane							
1	4.333	4.333	0.000	11084766	100.0	101.2	
2	3.418	3.418	0.000	13455228	100.0	96.6	
						RPD = 4.71	
23 alpha-Chlordane							
1	4.496	4.496	0.000	10504968	100.0	100.0	
2	3.530	3.530	0.000	12887676	100.0	96.8	
						RPD = 3.31	
7 Endosulfan I							
1	4.569	4.569	0.000	10476607	100.0	100.8	
2	3.651	3.651	0.000	13864393	100.0	97.3	
						RPD = 3.57	
25 4,4'-DDE							
1	4.654	4.654	0.000	9986757	100.0	99.4	
2	3.591	3.591	0.000	12970398	100.0	99.5	
						RPD = 0.20	
30 Dieldrin							
1	4.829	4.829	0.000	10364329	100.0	97.8	
2	3.879	3.879	0.000	13873532	100.0	98.0	
						RPD = 0.18	
20 Endrin							
1	5.063	5.063	0.000	8494515	100.0	98.5	
2	4.128	4.128	0.000	12163058	100.0	100.9	
						RPD = 2.45	
16 4,4'-DDD							
1	5.121	5.121	0.000	8401603	100.0	99.9	
2	4.195	4.195	0.000	11656417	100.0	98.0	
						RPD = 1.90	
11 Endosulfan II							
1	5.208	5.208	0.000	9652272	100.0	96.1	
2	4.365	4.365	0.000	12346248	100.0	99.9	
						RPD = 3.88	
21 4,4'-DDT							
1	5.337	5.337	0.000	7327516	100.0	94.6	
2	4.493	4.493	0.000	10377540	100.0	94.1	
						RPD = 0.55	
5 Endrin aldehyde							
1	5.433	5.433	0.000	8574177	100.0	98.3	
2	4.766	4.766	0.000	10587522	100.0	95.8	
						RPD = 2.59	
3 Endosulfan sulfate							
1	5.633	5.633	0.000	8767458	100.0	94.5	
2	4.932	4.932	0.000	6057181	100.0	102.5	
						RPD = 8.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.868	5.868	0.000	4225335	100.0	102.8	
2	5.076	5.076	0.000	10494010	100.0	103.1	
						RPD = 0.27	
13 Endrin ketone							
1	6.103	6.103	0.000	11109999	100.0	101.6	
2	5.270	5.270	0.000	12324068	100.0	99.3	
						RPD = 2.30	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	10306890	100.0	98.5	
2	6.068	6.068	0.000	11552867	100.0	99.3	
						RPD = 0.80	

Reagents:

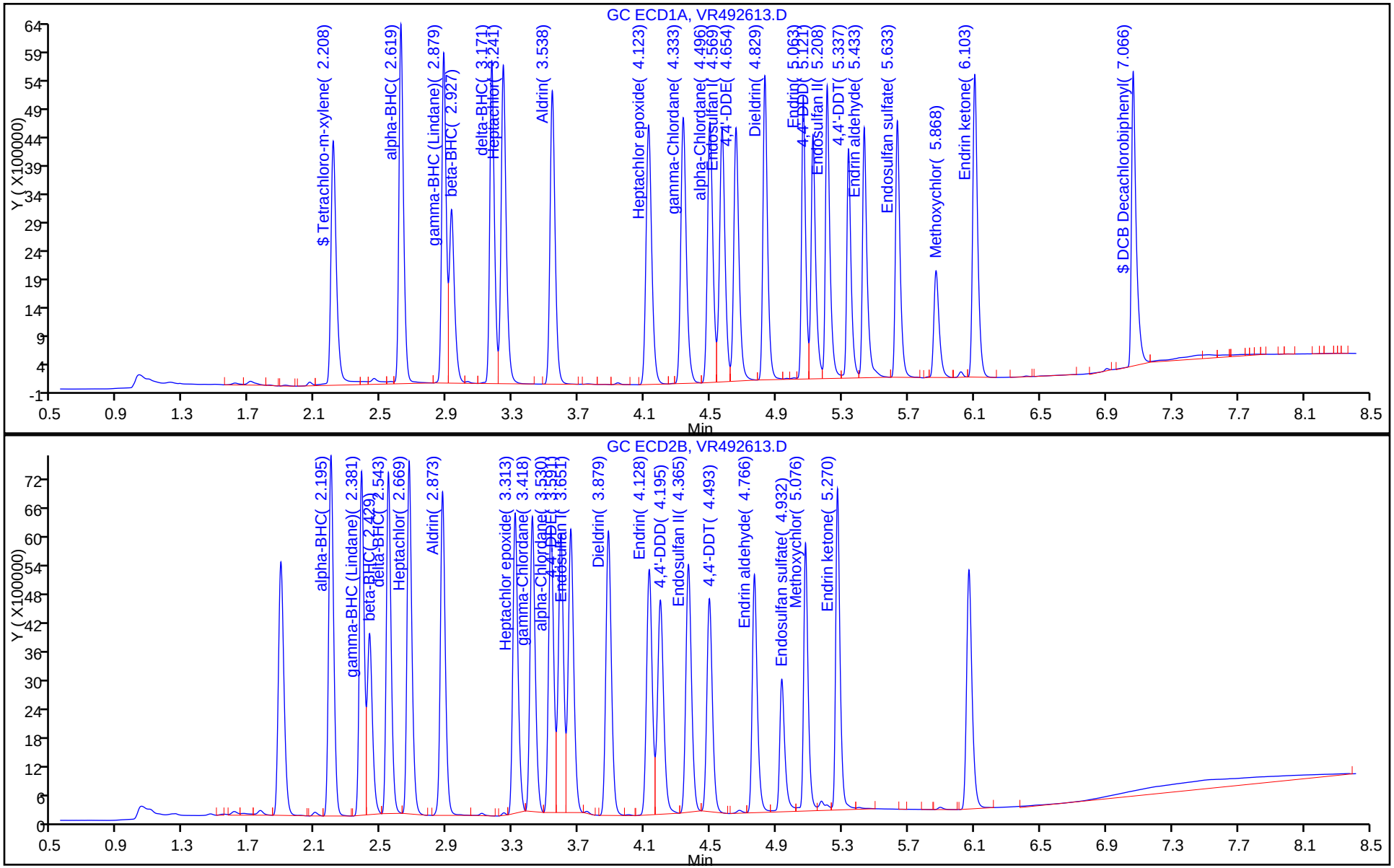
SGPESTL3_00018 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:42 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492613.D

Injection Date:	18-Jun-2014 13:55:22	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL3			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492614.D
Lims ID: STD PESTL4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jun-2014 14:06:53 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-007
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:43 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.209	2.208	0.001	15715499	150.0	146.0	
2	1.892	1.891	0.001	18952866	150.0	146.6	
						RPD = 0.43	
15 alpha-BHC							
1	2.621	2.619	0.002	31684358	250.0	259.4	
2	2.196	2.195	0.001	38255806	250.0	245.1	
						RPD = 5.64	
2 gamma-BHC (Lindane)							
1	2.881	2.879	0.002	27283725	250.0	260.5	
2	2.382	2.381	0.001	33416751	250.0	237.8	
						RPD = 9.11	
6 beta-BHC							
1	2.928	2.927	0.001	17242752	250.0	263.2	
2	2.430	2.429	0.001	19190281	250.0	224.8	
						RPD = 15.72	
32 delta-BHC							
1	3.173	3.171	0.002	28250005	250.0	264.2	
2	2.545	2.543	0.002	34289395	250.0	240.5	
						RPD = 9.41	
18 Heptachlor							
1	3.243	3.241	0.002	31453497	250.0	252.2	
2	2.671	2.669	0.002	35155174	250.0	222.5	
						RPD = 12.51	
8 Aldrin							
1	3.540	3.538	0.002	28813000	250.0	249.7	
2	2.874	2.873	0.001	34240554	250.0	252.2	
						RPD = 0.97	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.125	4.123	0.002	27778601	250.0	244.4	
2	3.314	3.313	0.001	31167474	250.0	214.8	
						RPD = 12.89	
9 gamma-Chlordane							
1	4.336	4.333	0.003	27903372	250.0	254.8	
2	3.419	3.418	0.001	31713447	250.0	227.6	
						RPD = 11.28	
23 alpha-Chlordane							
1	4.498	4.496	0.002	25766268	250.0	245.4	
2	3.532	3.530	0.002	29853386	250.0	224.2	
						RPD = 9.03	
7 Endosulfan I							
1	4.571	4.569	0.002	26716197	250.0	257.0	
2	3.653	3.651	0.002	33034698	250.0	231.7	
						RPD = 10.35	
25 4,4'-DDE							
1	4.656	4.654	0.002	26354414	250.0	262.2	
2	3.593	3.591	0.002	31811312	250.0	244.1	
						RPD = 7.12	
30 Dieldrin							
1	4.831	4.829	0.002	26546616	250.0	250.6	
2	3.882	3.879	0.003	33849431	250.0	239.1	
						RPD = 4.68	
20 Endrin							
1	5.064	5.063	0.001	21243660	250.0	246.3	
2	4.129	4.128	0.001	29494075	250.0	244.7	
						RPD = 0.63	
16 4,4'-DDD							
1	5.122	5.121	0.001	21465073	250.0	255.2	
2	4.197	4.195	0.002	28868404	250.0	242.8	
						RPD = 5.01	
11 Endosulfan II							
1	5.209	5.208	0.001	23019805	250.0	229.1	
2	4.367	4.365	0.002	29231964	250.0	236.4	
						RPD = 3.15	
21 4,4'-DDT							
1	5.338	5.337	0.001	18603044	250.0	240.1	
2	4.494	4.493	0.001	26390176	250.0	239.2	
						RPD = 0.38	
5 Endrin aldehyde							
1	5.434	5.433	0.001	19493626	250.0	223.5	
2	4.767	4.766	0.001	24055474	250.0	217.7	
						RPD = 2.65	
3 Endosulfan sulfate							
1	5.634	5.633	0.001	21695461	250.0	233.8	
2	4.933	4.932	0.001	13550804	250.0	229.4	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.868	0.001	11055579	250.0	268.9	
2	5.077	5.076	0.001	23337994	250.0	229.2	
						RPD = 15.95	
13 Endrin ketone							
1	6.104	6.103	0.001	27486317	250.0	251.3	
2	5.271	5.270	0.001	27724002	250.0	223.3	
						RPD = 11.80	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.066	-0.001	16000835	150.0	155.6	
2	6.069	6.068	0.001	17112905	150.0	154.0	
						RPD = 1.04	

Reagents:

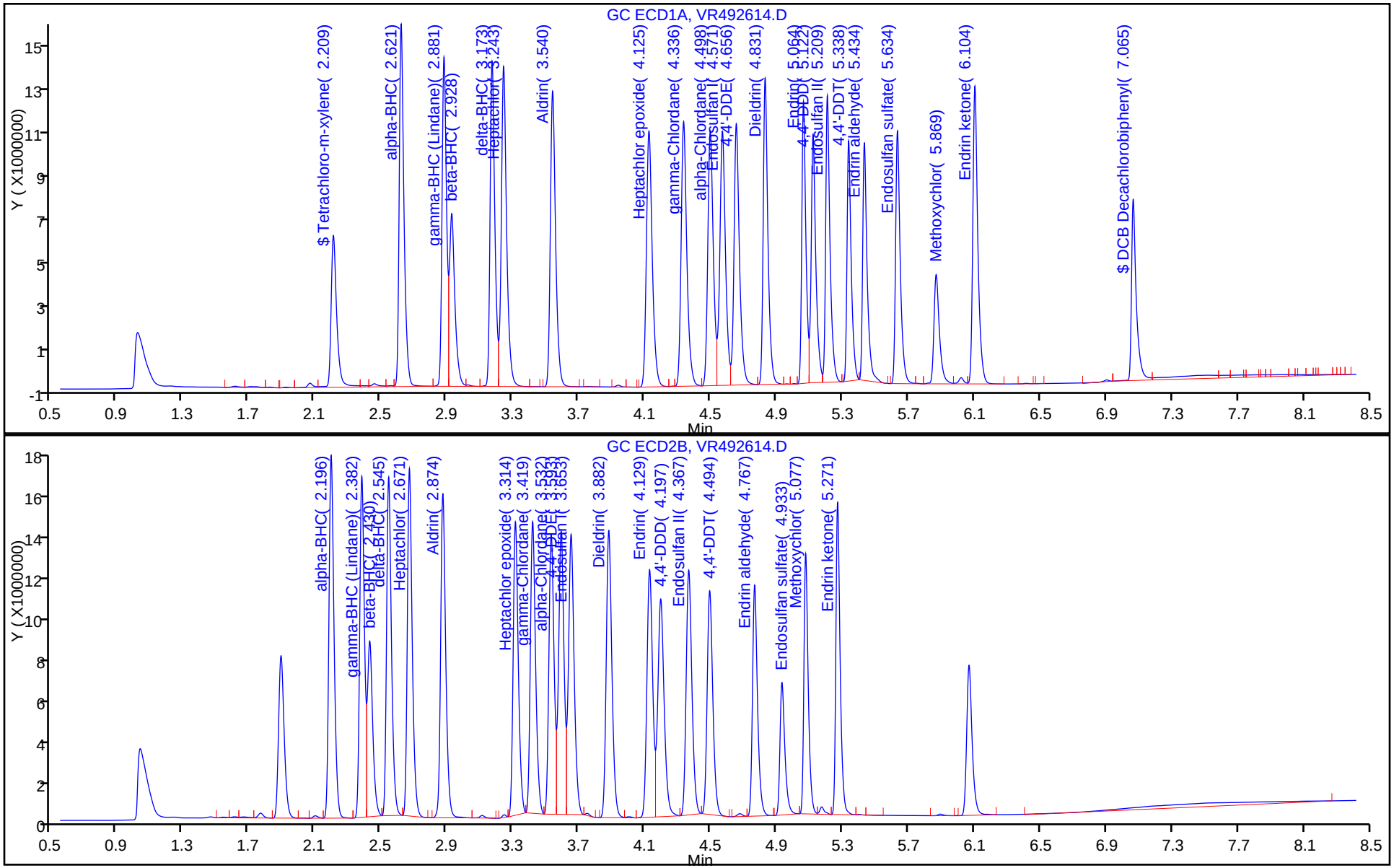
SGPESTL4_00016 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:44 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492614.D

Injection Date:	18-Jun-2014 14:06:53	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL4			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492615.D
Lims ID: STD PESTL5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jun-2014 14:18:24 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:45 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.211	2.208	0.003	21033135	200.0	195.4	
2	1.893	1.891	0.002	25181333	200.0	194.8	
						RPD = 0.30	
15 alpha-BHC							
1	2.622	2.619	0.003	65866705	500.0	539.2	
2	2.197	2.195	0.002	75438695	500.0	483.4	
						RPD = 10.91	
2 gamma-BHC (Lindane)							
1	2.882	2.879	0.003	55406383	500.0	529.0	
2	2.383	2.381	0.002	64728832	500.0	460.6	
						RPD = 13.82	
6 beta-BHC							
1	2.928	2.927	0.001	35752700	500.0	545.7	
2	2.431	2.429	0.002	36556446	500.0	428.3	
						RPD = 24.12	
32 delta-BHC							
1	3.173	3.171	0.002	58282000	500.0	545.1	
2	2.546	2.543	0.003	67025195	500.0	470.1	
						RPD = 14.78	
18 Heptachlor							
1	3.243	3.241	0.002	65043308	500.0	521.5	
2	2.672	2.669	0.003	67792016	500.0	429.0	
						RPD = 19.45	
8 Aldrin							
1	3.542	3.538	0.004	59399608	500.0	500.1	
2	2.875	2.873	0.002	66073376	500.0	499.3	
						RPD = 0.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.127	4.123	0.004	56256106	500.0	495.0	
2	3.316	3.313	0.003	61027234	500.0	420.6	
						RPD = 16.24	
9 gamma-Chlordane							
1	4.337	4.333	0.004	56584182	500.0	516.7	
2	3.420	3.418	0.002	62701426	500.0	450.0	
						RPD = 13.81	
23 alpha-Chlordane							
1	4.498	4.496	0.002	51755177	500.0	492.9	
2	3.533	3.530	0.003	57459049	500.0	431.5	
						RPD = 13.28	
7 Endosulfan I							
1	4.573	4.569	0.004	54587084	500.0	525.2	
2	3.654	3.651	0.003	64479173	500.0	452.3	
						RPD = 14.91	
25 4,4'-DDE							
1	4.657	4.654	0.003	55193917	500.0	549.1	
2	3.593	3.591	0.002	62315825	500.0	478.3	
						RPD = 13.79	
30 Dieldrin							
1	4.832	4.829	0.003	54830270	500.0	517.5	
2	3.883	3.879	0.004	66513192	500.0	469.8	
						RPD = 9.66	
20 Endrin							
1	5.064	5.063	0.001	43531101	500.0	504.6	
2	4.131	4.128	0.003	57839105	500.0	479.9	
						RPD = 5.02	
16 4,4'-DDD							
1	5.122	5.121	0.001	44526178	500.0	529.4	
2	4.198	4.195	0.003	57631309	500.0	484.6	
						RPD = 8.84	
11 Endosulfan II							
1	5.209	5.208	0.001	46899920	500.0	466.8	
2	4.368	4.365	0.003	57216111	500.0	462.8	
						RPD = 0.86	
21 4,4'-DDT							
1	5.338	5.337	0.001	39444968	500.0	509.2	
2	4.495	4.493	0.002	53850598	500.0	488.1	
						RPD = 4.22	
5 Endrin aldehyde							
1	5.433	5.433	0.000	38001406	500.0	435.7	
2	4.768	4.766	0.002	45810694	500.0	414.5	
						RPD = 4.99	
3 Endosulfan sulfate							
1	5.635	5.633	0.002	43973716	500.0	473.9	
2	4.933	4.932	0.001	26539775	500.0	449.3	
						RPD = 5.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.870	5.868	0.002	22784627	500.0	554.2	
2	5.078	5.076	0.002	45578694	500.0	447.6	
						RPD = 21.28	
13 Endrin ketone							
1	6.105	6.103	0.002	55311758	500.0	505.8	
2	5.272	5.270	0.002	53722507	500.0	432.8	
						RPD = 15.56	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	20585711	200.0	197.6	
2	6.069	6.068	0.001	21942138	200.0	198.2	
						RPD = 0.30	

Reagents:

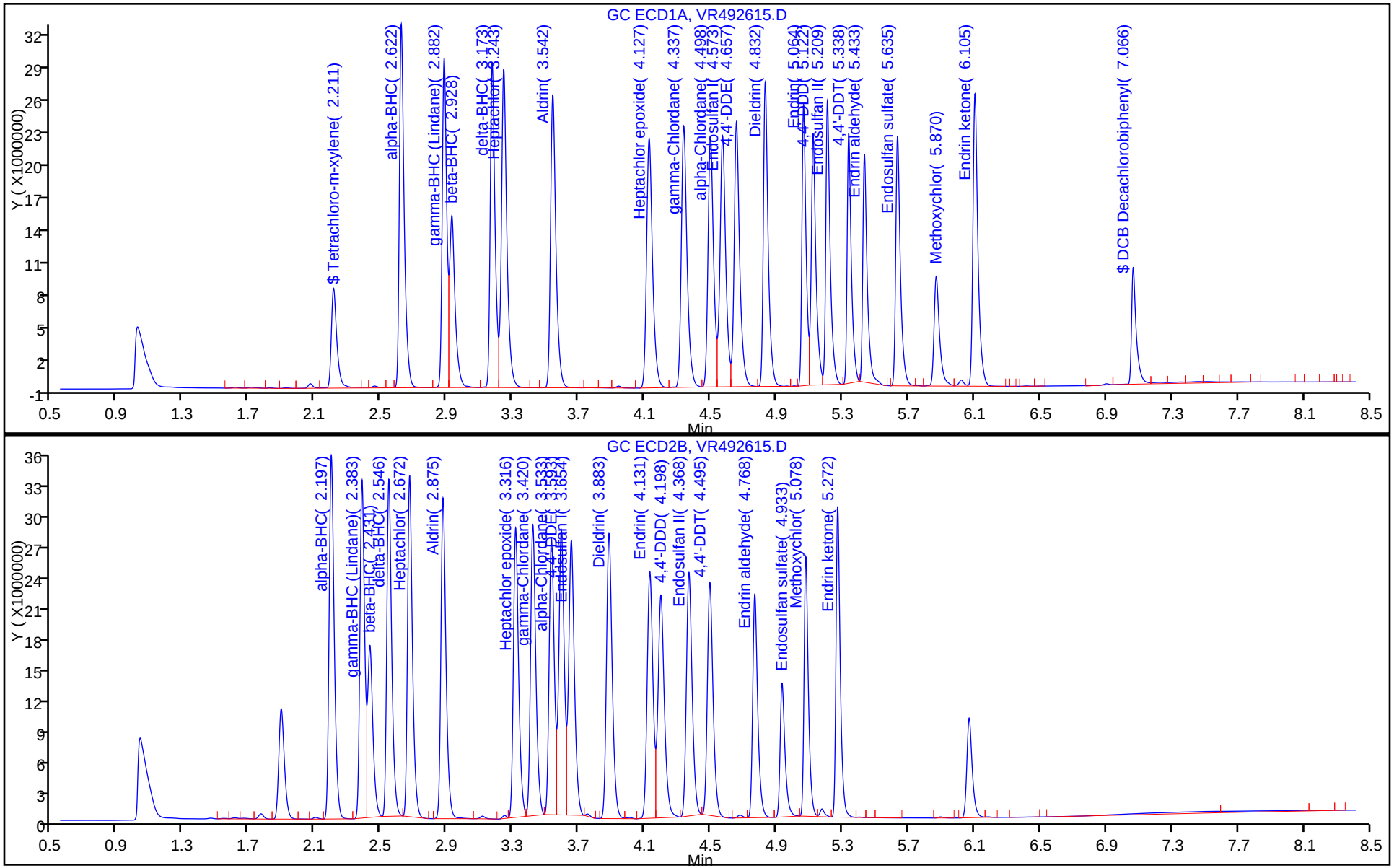
SGPESTL5_00016 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:47 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492615.D

Injection Date:	18-Jun-2014 14:18:24	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL5			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40186

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.188	2.193	2.195	2.196	2.197						2.148 - 2.248	2.194
gamma-BHC (Lindane)	2.375	2.379	2.381	2.382	2.383						2.334 - 2.434	2.380
beta-BHC	2.425	2.428	2.429	2.430	2.431						2.382 - 2.482	2.429
delta-BHC	2.537	2.542	2.543	2.545	2.546						2.497 - 2.597	2.543
Heptachlor	2.664	2.668	2.669	2.671	2.672						2.623 - 2.723	2.669
Aldrin	2.865	2.870	2.873	2.874	2.875						2.827 - 2.927	2.871
Heptachlor epoxide	3.306	3.311	3.313	3.314	3.316						3.248 - 3.388	3.312
gamma-Chlordane	3.410	3.415	3.418	3.419	3.420						3.353 - 3.493	3.416
alpha-Chlordane	3.524	3.528	3.530	3.532	3.533						3.465 - 3.605	3.529
4,4'-DDE	3.583	3.588	3.591	3.593	3.593						3.525 - 3.665	3.590
Endosulfan I	3.644	3.648	3.651	3.653	3.654						3.586 - 3.726	3.650
Dieldrin	3.870	3.877	3.879	3.882	3.883						3.815 - 3.955	3.878
Endrin	4.118	4.124	4.128	4.129	4.131						4.063 - 4.203	4.126
4,4'-DDD	4.185	4.191	4.195	4.197	4.198						4.130 - 4.270	4.193
Endosulfan II	4.357	4.363	4.365	4.367	4.368						4.300 - 4.440	4.364
4,4'-DDT	4.483	4.489	4.493	4.494	4.495						4.427 - 4.567	4.491
Endrin aldehyde	4.760	4.763	4.766	4.767	4.768						4.700 - 4.840	4.765
Endosulfan sulfate	4.927	4.930	4.932	4.933	4.933						4.865 - 5.005	4.931
Methoxychlor	5.070	5.074	5.076	5.077	5.078						5.009 - 5.149	5.075
Endrin ketone	5.265	5.269	5.270	5.271	5.272						5.203 - 5.343	5.269
Tetrachloro-m-xylene	1.886	1.888	1.891	1.892	1.893						1.844 - 1.944	1.890
DCB Decachlorobiphenyl	6.065	6.068	6.068	6.069	6.069						5.970 - 6.170	6.068

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40186

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.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	142257 150877	176654	157499	153023	Ave		156062.087				8.2		20.0			
gamma-BHC (Lindane)	135289 129458	162376	141887	133667	Ave		140535.246				9.3		20.0			
beta-BHC	97442 73113	96868	82603	76761	Ave		85357.2672				13.0		20.0			
delta-BHC	137587 134050	161546	142599	137158	Ave		142588.096				7.7		20.0			
Heptachlor	189539 135584	174993	149292	140621	Ave		158005.758				15.0		20.0			
Aldrin	207437 132147	73710	140986	136962	Qua	-1097953.3	145867.604	-22.721807						0.9970		0.9950
Heptachlor epoxide	188392 122054	156630	133709	124670	Ave		145091.005				19.0		20.0			
gamma-Chlordane	154116 125403	155829	134552	126854	Ave		139350.872				11.0		20.0			
alpha-Chlordane	152052 114918	150585	128877	119414	Ave		133168.932				13.0		20.0			
4,4'-DDE	126237 124632	143661	129704	127245	Ave		130295.760				5.9		20.0			
Endosulfan I	153060 128958	159938	138644	132139	Ave		142547.810				9.4		20.0			
Dieldrin	146375 133026	154286	138735	135398	Ave		141564.054				6.2		20.0			
Endrin	114175 115678	133132	121631	117976	Ave		120518.374				6.3		20.0			
4,4'-DDD	123077 115263	124210	116564	115474	Ave		118917.561				3.7		20.0			
Endosulfan II	123827 114432	139500	123462	116928	Ave		123629.900				7.9		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40186

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	122773 107701	111776	103775	105561	Ave		110317.328				6.9		20.0			
Endrin aldehyde	135323 91621	123563	105875	96222	Ave		110520.933				17.0		20.0			
Endosulfan sulfate	55431 53080	72086	60572	54203	Ave		59074.1552				13.0		20.0			
Methoxychlor	94875 91157	124795	104940	93352	Ave		101823.949				14.0		20.0			
Endrin ketone	130688 107445	148435	123241	110896	Ave		124140.832				13.0		20.0			
Tetrachloro-m-xylene	142603 125907	127070	124380	126352	Ave		129262.423				5.8		20.0			
DCB Decachlorobiphenyl	313900 109711	130327	115529	114086	Qua	2628583.18	82255.2097	76.4978043						0.9980		0.9950

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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 13:32 Calibration End Date: 06/18/2014 14:18 Calibration ID: 40186

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/4	VR492611.D
Level 2	STD 460-231434/5	VR492612.D
Level 3	STD 460-231434/6	VR492613.D
Level 4	STD 460-231434/7	VR492614.D
Level 5	STD 460-231434/8	VR492615.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	711285	8832689	15749904	38255806	75438695	5.00	50.0	100	250	500
gamma-BHC (Lindane)	Ave	676444	8118786	14188704	33416751	64728832	5.00	50.0	100	250	500
beta-BHC	Ave	487208	4843380	8260312	19190281	36556446	5.00	50.0	100	250	500
delta-BHC	Ave	687936	8077292	14259947	34289395	67025195	5.00	50.0	100	250	500
Heptachlor	Ave	947693	8749667	14929212	35155174	67792016	5.00	50.0	100	250	500
Aldrin	Qua	1037186	3685509	14098635	34240554	66073376	5.00	50.0	100	250	500
Heptachlor epoxide	Ave	941961	7831485	13370876	31167474	61027234	5.00	50.0	100	250	500
gamma-Chlordane	Ave	770582	7791452	13455228	31713447	62701426	5.00	50.0	100	250	500
alpha-Chlordane	Ave	760258	7529233	12887676	29853386	57459049	5.00	50.0	100	250	500
4,4'-DDE	Ave	631186	7183036	12970398	31811312	62315825	5.00	50.0	100	250	500
Endosulfan I	Ave	765302	7996879	13864393	33034698	64479173	5.00	50.0	100	250	500
Dieldrin	Ave	731875	7714292	13873532	33849431	66513192	5.00	50.0	100	250	500
Endrin	Ave	570876	6656579	12163058	29494075	57839105	5.00	50.0	100	250	500
4,4'-DDD	Ave	615385	6210520	11656417	28868404	57631309	5.00	50.0	100	250	500
Endosulfan II	Ave	619136	6974987	12346248	29231964	57216111	5.00	50.0	100	250	500
4,4'-DDT	Ave	613865	5588817	10377540	26390176	53850598	5.00	50.0	100	250	500
Endrin aldehyde	Ave	676615	6178158	10587522	24055474	45810694	5.00	50.0	100	250	500
Endosulfan sulfate	Ave	277153	3604280	6057181	13550804	26539775	5.00	50.0	100	250	500
Methoxychlor	Ave	474377	6239744	10494010	23337994	45578694	5.00	50.0	100	250	500
Endrin ketone	Ave	653439	7421733	12324068	27724002	53722507	5.00	50.0	100	250	500
Tetrachloro-m-xylene	Ave	1782533	6353496	12438045	18952866	25181333	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Qua	3923748	6516341	11552867	17112905	21942138	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492611.D
Lims ID: STD PESTL1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jun-2014 13:32:21 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:32 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.204	2.212	-0.008	1510667	12.5	14.0	
2	1.886	1.894	-0.008	1782533	12.5	13.8	
						RPD = 1.75	
15 alpha-BHC							
1	2.613	2.623	-0.009	478735	5.00	3.92	
2	2.188	2.198	-0.010	711285	5.00	4.56	
						RPD = 15.08	
2 gamma-BHC (Lindane)							
1	2.873	2.883	-0.010	375902	5.00	3.59	
2	2.375	2.384	-0.009	676444	5.00	4.81	
						RPD = 29.15	
6 beta-BHC							
1	2.922	2.931	-0.009	225845	5.00	3.45	
2	2.425	2.432	-0.007	487208	5.00	5.71	
						RPD = 49.38	
32 delta-BHC							
1	3.164	3.175	-0.011	381631	5.00	3.57	
2	2.537	2.547	-0.010	687936	5.00	4.82	
						RPD = 29.91	
18 Heptachlor							
1	3.235	3.245	-0.010	558162	5.00	4.48	
2	2.664	2.673	-0.009	947693	5.00	6.00	
						RPD = 29.08	
8 Aldrin							
1	3.530	3.543	-0.013	289369	5.00	3.08	
2	2.865	2.877	-0.012	1037186	5.00	14.7	
						RPD = 130.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.115	4.128	-0.013	553005	5.00	4.87	
2	3.306	3.318	-0.012	941961	5.00	6.49	
						RPD = 28.64	
9 gamma-Chlordane							
1	4.325	4.338	-0.013	445231	5.00	4.07	
2	3.410	3.423	-0.013	770582	5.00	5.53	
						RPD = 30.52	
23 alpha-Chlordane							
1	4.488	4.500	-0.012	481732	5.00	4.59	
2	3.524	3.535	-0.011	760258	5.00	5.71	
						RPD = 21.78	
7 Endosulfan I							
1	4.561	4.574	-0.013	423188	5.00	4.07	
2	3.644	3.656	-0.012	765302	5.00	5.37	
						RPD = 27.48	
25 4,4'-DDE							
1	4.646	4.658	-0.012	405704	5.00	4.04	
2	3.583	3.595	-0.012	631186	5.00	4.84	
						RPD = 18.20	
30 Dieldrin							
1	4.823	4.833	-0.010	493530	5.00	4.66	
2	3.870	3.885	-0.015	731875	5.00	5.17	
						RPD = 10.41	
20 Endrin							
1	5.056	5.065	-0.009	419638	5.00	4.86	
2	4.118	4.133	-0.015	570876	5.00	4.74	
						RPD = 2.67	
16 4,4'-DDD							
1	5.115	5.123	-0.008	372344	5.00	4.43	
2	4.185	4.200	-0.015	615385	5.00	5.17	
						RPD = 15.57	
11 Endosulfan II							
1	5.203	5.210	-0.007	577904	5.00	5.75	
2	4.357	4.370	-0.013	619136	5.00	5.01	
						RPD = 13.83	
21 4,4'-DDT							
1	5.333	5.339	-0.006	435169	5.00	5.62	
2	4.483	4.497	-0.014	613865	5.00	5.56	
						RPD = 0.95	
5 Endrin aldehyde							
1	5.429	5.434	-0.005	515790	5.00	5.91	
2	4.760	4.770	-0.010	676615	5.00	6.12	
						RPD = 3.46	
3 Endosulfan sulfate							
1	5.629	5.635	-0.006	516380	5.00	5.57	
2	4.927	4.935	-0.008	277153	5.00	4.69	
						RPD = 17.03	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.864	5.870	-0.006	139548	5.00	3.39	
2	5.070	5.079	-0.009	474377	5.00	4.66	
						RPD = 31.40	
13 Endrin ketone							
1	6.100	6.105	-0.005	453044	5.00	4.14	
2	5.265	5.273	-0.008	653439	5.00	5.26	
						RPD = 23.84	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.064	0.001	3221713	12.5	16.6	
2	6.065	6.070	-0.005	3923748	12.5	15.5	
						RPD = 6.68	

Reagents:

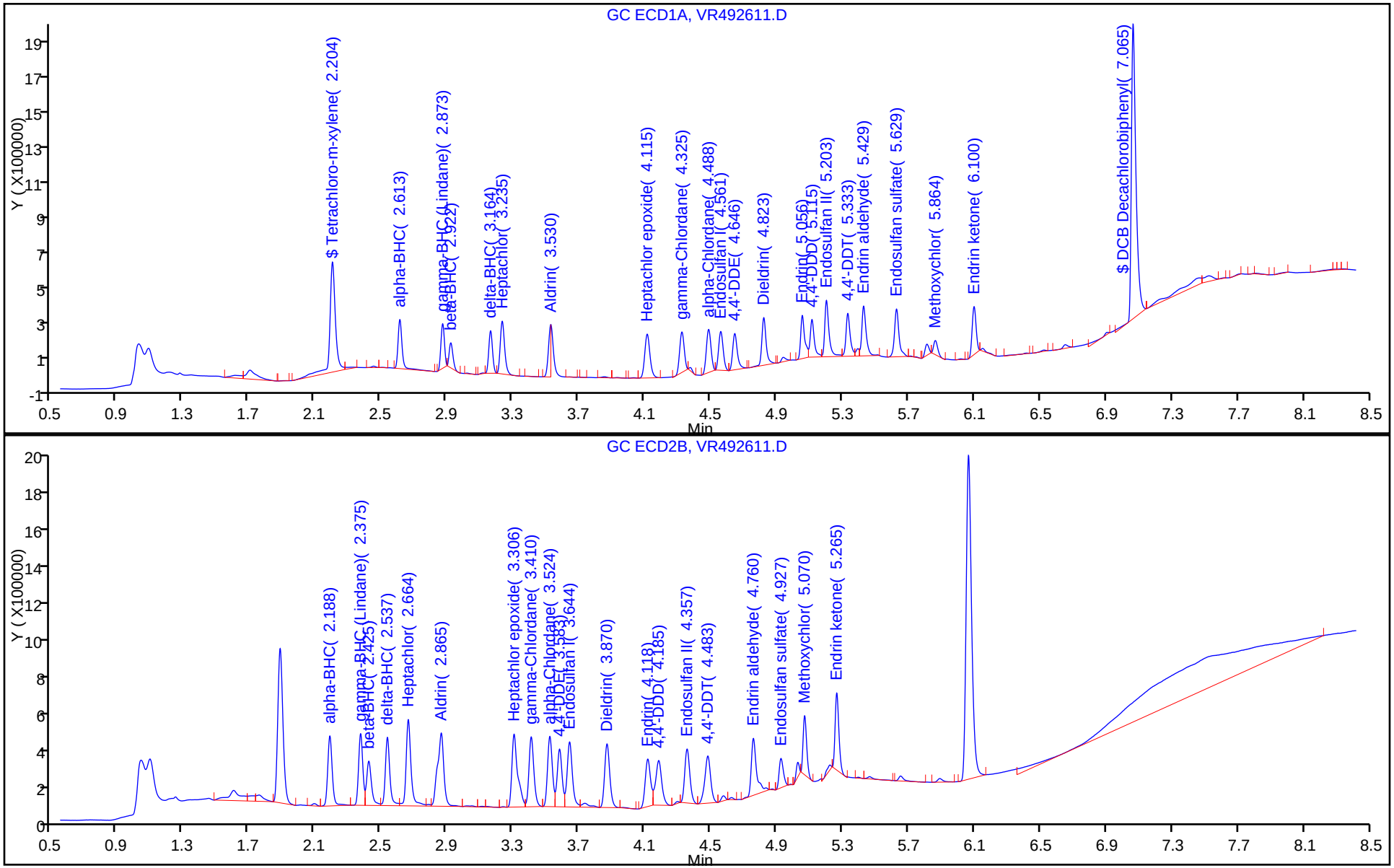
SGPEST-LVI-L1_00002 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:33 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492611.D

Injection Date:	18-Jun-2014 13:32:21	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL1			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492612.D
Lims ID: STD PESTL2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jun-2014 13:43:51 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:35 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.207	2.212	-0.005	5226602	50.0	48.6	
2	1.888	1.894	-0.006	6353496	50.0	49.2	
						RPD = 1.22	
15 alpha-BHC							
1	2.618	2.623	-0.004	6674538	50.0	54.6	
2	2.193	2.198	-0.005	8832689	50.0	56.6	
						RPD = 3.53	
2 gamma-BHC (Lindane)							
1	2.878	2.883	-0.005	5969559	50.0	57.0	
2	2.379	2.384	-0.005	8118786	50.0	57.8	
						RPD = 1.36	
6 beta-BHC							
1	2.925	2.931	-0.006	3712173	50.0	56.7	
2	2.428	2.432	-0.004	4843380	50.0	56.7	
						RPD = 0.14	
32 delta-BHC							
1	3.169	3.175	-0.006	5900375	50.0	55.2	
2	2.542	2.547	-0.005	8077292	50.0	56.6	
						RPD = 2.62	
18 Heptachlor							
1	3.239	3.245	-0.006	6700944	50.0	53.7	
2	2.668	2.673	-0.005	8749667	50.0	55.4	
						RPD = 3.02	
8 Aldrin							
1	3.536	3.543	-0.007	5991909	50.0	53.5	
2	2.870	2.877	-0.007	3685509	50.0	33.0	
						RPD = 47.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.120	4.128	-0.008	6151768	50.0	54.1	
2	3.311	3.318	-0.007	7831485	50.0	54.0	
						RPD = 0.28	
9 gamma-Chlordane							
1	4.331	4.338	-0.007	6145052	50.0	56.1	
2	3.415	3.423	-0.008	7791452	50.0	55.9	
						RPD = 0.36	
23 alpha-Chlordane							
1	4.493	4.500	-0.007	5853684	50.0	55.7	
2	3.528	3.535	-0.007	7529233	50.0	56.5	
						RPD = 1.41	
7 Endosulfan I							
1	4.567	4.574	-0.007	5711541	50.0	55.0	
2	3.648	3.656	-0.008	7996879	50.0	56.1	
						RPD = 2.06	
25 4,4'-DDE							
1	4.652	4.658	-0.006	5289500	50.0	52.6	
2	3.588	3.595	-0.007	7183036	50.0	55.1	
						RPD = 4.65	
30 Dieldrin							
1	4.828	4.833	-0.005	5576482	50.0	52.6	
2	3.877	3.885	-0.008	7714292	50.0	54.5	
						RPD = 3.47	
20 Endrin							
1	5.061	5.065	-0.004	4519608	50.0	52.4	
2	4.124	4.133	-0.009	6656579	50.0	55.2	
						RPD = 5.27	
16 4,4'-DDD							
1	5.119	5.123	-0.004	4355557	50.0	51.8	
2	4.191	4.200	-0.009	6210520	50.0	52.2	
						RPD = 0.84	
11 Endosulfan II							
1	5.206	5.210	-0.004	5219183	50.0	51.9	
2	4.363	4.370	-0.007	6974987	50.0	56.4	
						RPD = 8.25	
21 4,4'-DDT							
1	5.336	5.339	-0.003	3686124	50.0	47.6	
2	4.489	4.497	-0.008	5588817	50.0	50.7	
						RPD = 6.27	
5 Endrin aldehyde							
1	5.431	5.434	-0.003	4660337	50.0	53.4	
2	4.763	4.770	-0.007	6178158	50.0	55.9	
						RPD = 4.51	
3 Endosulfan sulfate							
1	5.633	5.635	-0.002	4913462	50.0	53.0	
2	4.930	4.935	-0.005	3604280	50.0	61.0	
						RPD = 14.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.868	5.870	-0.002	2279685	50.0	55.5	
2	5.074	5.079	-0.005	6239744	50.0	61.3	
						RPD = 9.98	
13 Endrin ketone							
1	6.103	6.105	-0.002	6227487	50.0	56.9	
2	5.269	5.273	-0.004	7421733	50.0	59.8	
						RPD = 4.87	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.064	0.002	5451620	50.0	44.0	
2	6.068	6.070	-0.002	6516341	50.0	45.4	
						RPD = 2.97	

Reagents:

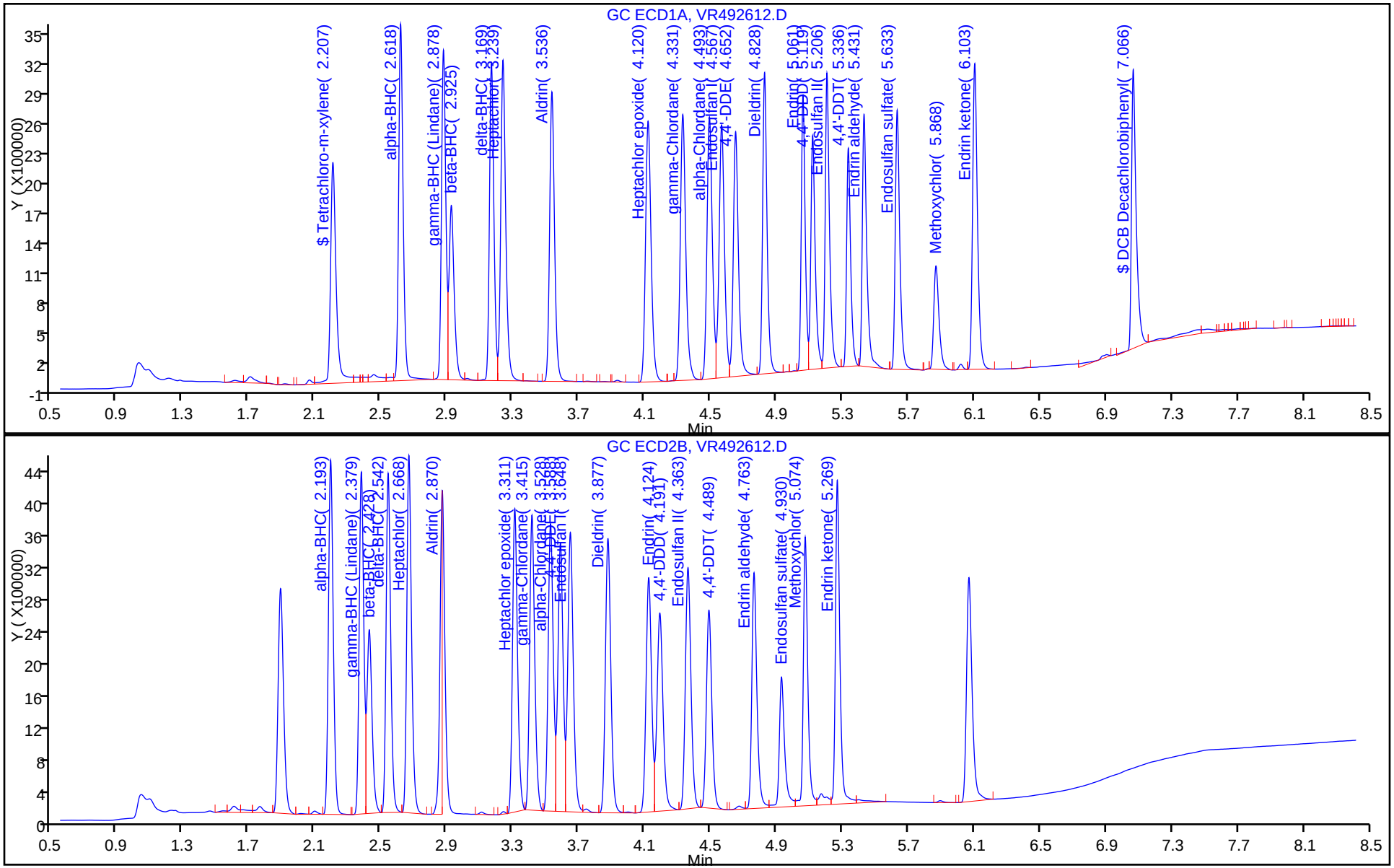
SGPESTL2_00017 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:39 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492612.D

Injection Date:	18-Jun-2014 13:43:51	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL2			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492613.D
Lims ID: STD PESTL3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 18-Jun-2014 13:55:22 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:40 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 07:24:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.208	2.208	0.000	10290380	100.0	95.6	
2	1.891	1.891	0.000	12438045	100.0	96.2	
						RPD = 0.65	
15 alpha-BHC							
1	2.619	2.619	0.000	12312307	100.0	100.8	
2	2.195	2.195	0.000	15749904	100.0	100.9	
						RPD = 0.14	
2 gamma-BHC (Lindane)							
1	2.879	2.879	0.000	10919117	100.0	104.2	
2	2.381	2.381	0.000	14188704	100.0	101.0	
						RPD = 3.20	
6 beta-BHC							
1	2.927	2.927	0.000	6767989	100.0	103.3	
2	2.429	2.429	0.000	8260312	100.0	96.8	
						RPD = 6.53	
32 delta-BHC							
1	3.171	3.171	0.000	11070560	100.0	103.5	
2	2.543	2.543	0.000	14259947	100.0	100.0	
						RPD = 3.47	
18 Heptachlor							
1	3.241	3.241	0.000	12206194	100.0	97.9	
2	2.669	2.669	0.000	14929212	100.0	94.5	
						RPD = 3.52	
8 Aldrin							
1	3.538	3.538	0.000	11145150	100.0	98.6	
2	2.873	2.873	0.000	14098635	100.0	105.9	
						RPD = 7.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.123	4.123	0.000	11102675	100.0	97.7	
2	3.313	3.313	0.000	13370876	100.0	92.2	
						RPD = 5.83	
9 gamma-Chlordane							
1	4.333	4.333	0.000	11084766	100.0	101.2	
2	3.418	3.418	0.000	13455228	100.0	96.6	
						RPD = 4.71	
23 alpha-Chlordane							
1	4.496	4.496	0.000	10504968	100.0	100.0	
2	3.530	3.530	0.000	12887676	100.0	96.8	
						RPD = 3.31	
7 Endosulfan I							
1	4.569	4.569	0.000	10476607	100.0	100.8	
2	3.651	3.651	0.000	13864393	100.0	97.3	
						RPD = 3.57	
25 4,4'-DDE							
1	4.654	4.654	0.000	9986757	100.0	99.4	
2	3.591	3.591	0.000	12970398	100.0	99.5	
						RPD = 0.20	
30 Dieldrin							
1	4.829	4.829	0.000	10364329	100.0	97.8	
2	3.879	3.879	0.000	13873532	100.0	98.0	
						RPD = 0.18	
20 Endrin							
1	5.063	5.063	0.000	8494515	100.0	98.5	
2	4.128	4.128	0.000	12163058	100.0	100.9	
						RPD = 2.45	
16 4,4'-DDD							
1	5.121	5.121	0.000	8401603	100.0	99.9	
2	4.195	4.195	0.000	11656417	100.0	98.0	
						RPD = 1.90	
11 Endosulfan II							
1	5.208	5.208	0.000	9652272	100.0	96.1	
2	4.365	4.365	0.000	12346248	100.0	99.9	
						RPD = 3.88	
21 4,4'-DDT							
1	5.337	5.337	0.000	7327516	100.0	94.6	
2	4.493	4.493	0.000	10377540	100.0	94.1	
						RPD = 0.55	
5 Endrin aldehyde							
1	5.433	5.433	0.000	8574177	100.0	98.3	
2	4.766	4.766	0.000	10587522	100.0	95.8	
						RPD = 2.59	
3 Endosulfan sulfate							
1	5.633	5.633	0.000	8767458	100.0	94.5	
2	4.932	4.932	0.000	6057181	100.0	102.5	
						RPD = 8.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.868	5.868	0.000	4225335	100.0	102.8	
2	5.076	5.076	0.000	10494010	100.0	103.1	
						RPD = 0.27	
13 Endrin ketone							
1	6.103	6.103	0.000	11109999	100.0	101.6	
2	5.270	5.270	0.000	12324068	100.0	99.3	
						RPD = 2.30	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	10306890	100.0	98.5	
2	6.068	6.068	0.000	11552867	100.0	99.3	
						RPD = 0.80	

Reagents:

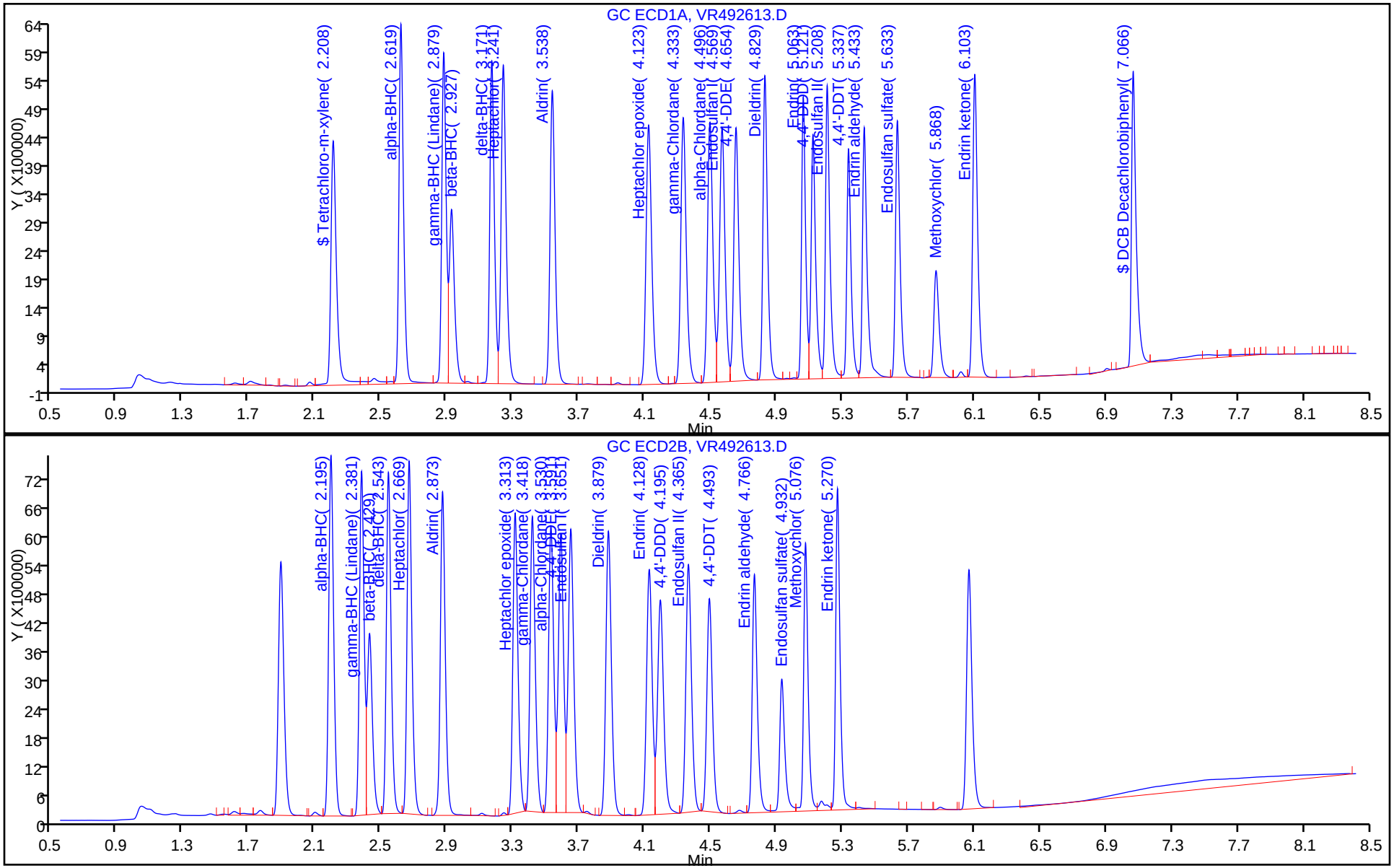
SGPESTL3_00018 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:42 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492613.D

Injection Date:	18-Jun-2014 13:55:22	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL3			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492614.D
Lims ID: STD PESTL4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jun-2014 14:06:53 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-007
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:43 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.209	2.208	0.001	15715499	150.0	146.0	
2	1.892	1.891	0.001	18952866	150.0	146.6	
						RPD = 0.43	
15 alpha-BHC							
1	2.621	2.619	0.002	31684358	250.0	259.4	
2	2.196	2.195	0.001	38255806	250.0	245.1	
						RPD = 5.64	
2 gamma-BHC (Lindane)							
1	2.881	2.879	0.002	27283725	250.0	260.5	
2	2.382	2.381	0.001	33416751	250.0	237.8	
						RPD = 9.11	
6 beta-BHC							
1	2.928	2.927	0.001	17242752	250.0	263.2	
2	2.430	2.429	0.001	19190281	250.0	224.8	
						RPD = 15.72	
32 delta-BHC							
1	3.173	3.171	0.002	28250005	250.0	264.2	
2	2.545	2.543	0.002	34289395	250.0	240.5	
						RPD = 9.41	
18 Heptachlor							
1	3.243	3.241	0.002	31453497	250.0	252.2	
2	2.671	2.669	0.002	35155174	250.0	222.5	
						RPD = 12.51	
8 Aldrin							
1	3.540	3.538	0.002	28813000	250.0	249.7	
2	2.874	2.873	0.001	34240554	250.0	252.2	
						RPD = 0.97	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.125	4.123	0.002	27778601	250.0	244.4	
2	3.314	3.313	0.001	31167474	250.0	214.8	
						RPD = 12.89	
9 gamma-Chlordane							
1	4.336	4.333	0.003	27903372	250.0	254.8	
2	3.419	3.418	0.001	31713447	250.0	227.6	
						RPD = 11.28	
23 alpha-Chlordane							
1	4.498	4.496	0.002	25766268	250.0	245.4	
2	3.532	3.530	0.002	29853386	250.0	224.2	
						RPD = 9.03	
7 Endosulfan I							
1	4.571	4.569	0.002	26716197	250.0	257.0	
2	3.653	3.651	0.002	33034698	250.0	231.7	
						RPD = 10.35	
25 4,4'-DDE							
1	4.656	4.654	0.002	26354414	250.0	262.2	
2	3.593	3.591	0.002	31811312	250.0	244.1	
						RPD = 7.12	
30 Dieldrin							
1	4.831	4.829	0.002	26546616	250.0	250.6	
2	3.882	3.879	0.003	33849431	250.0	239.1	
						RPD = 4.68	
20 Endrin							
1	5.064	5.063	0.001	21243660	250.0	246.3	
2	4.129	4.128	0.001	29494075	250.0	244.7	
						RPD = 0.63	
16 4,4'-DDD							
1	5.122	5.121	0.001	21465073	250.0	255.2	
2	4.197	4.195	0.002	28868404	250.0	242.8	
						RPD = 5.01	
11 Endosulfan II							
1	5.209	5.208	0.001	23019805	250.0	229.1	
2	4.367	4.365	0.002	29231964	250.0	236.4	
						RPD = 3.15	
21 4,4'-DDT							
1	5.338	5.337	0.001	18603044	250.0	240.1	
2	4.494	4.493	0.001	26390176	250.0	239.2	
						RPD = 0.38	
5 Endrin aldehyde							
1	5.434	5.433	0.001	19493626	250.0	223.5	
2	4.767	4.766	0.001	24055474	250.0	217.7	
						RPD = 2.65	
3 Endosulfan sulfate							
1	5.634	5.633	0.001	21695461	250.0	233.8	
2	4.933	4.932	0.001	13550804	250.0	229.4	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.868	0.001	11055579	250.0	268.9	
2	5.077	5.076	0.001	23337994	250.0	229.2	
						RPD = 15.95	
13 Endrin ketone							
1	6.104	6.103	0.001	27486317	250.0	251.3	
2	5.271	5.270	0.001	27724002	250.0	223.3	
						RPD = 11.80	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.066	-0.001	16000835	150.0	155.6	
2	6.069	6.068	0.001	17112905	150.0	154.0	
						RPD = 1.04	

Reagents:

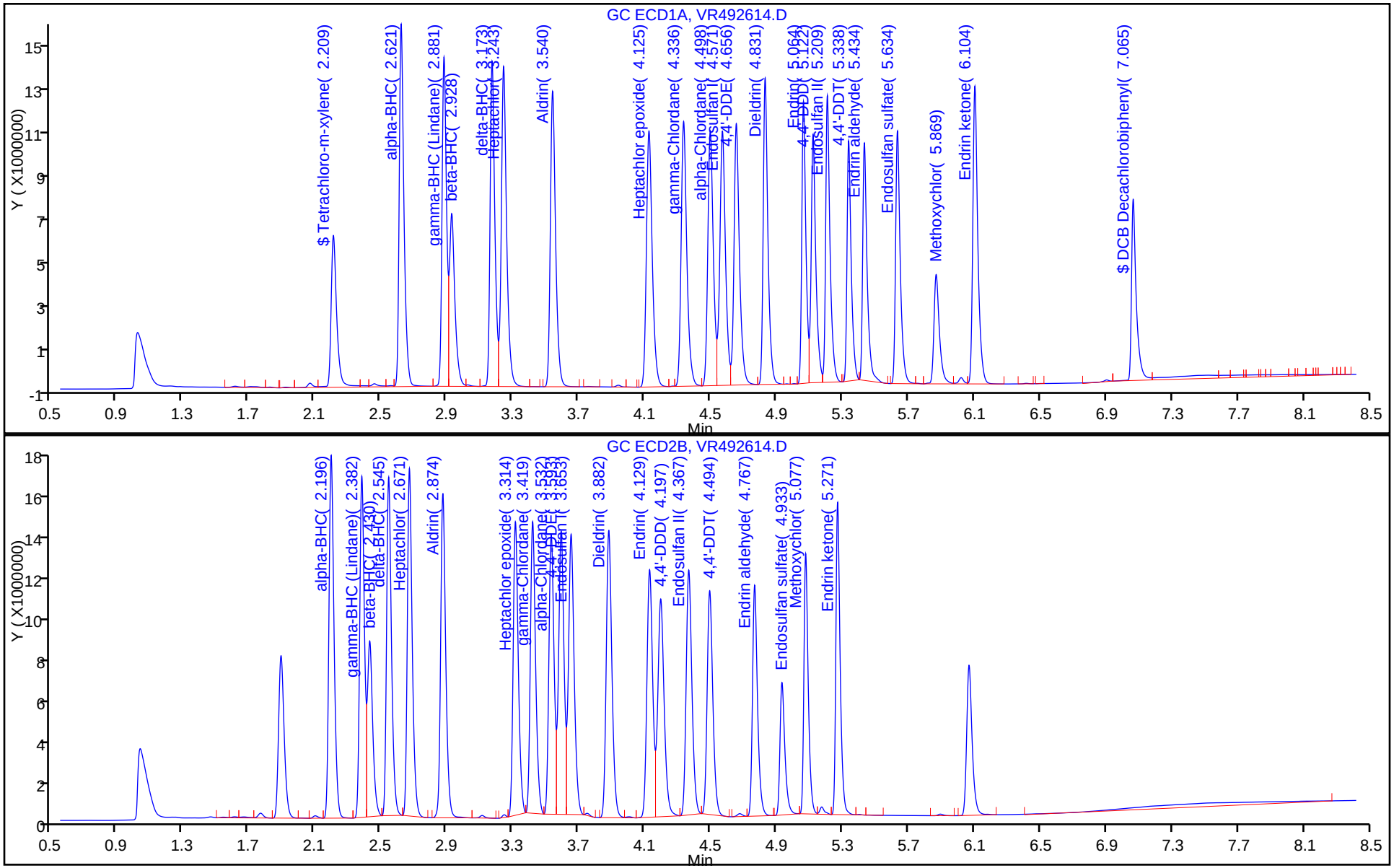
SGPESTL4_00016 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:44 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492614.D

Injection Date:	18-Jun-2014 14:06:53	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL4			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492615.D
Lims ID: STD PESTL5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jun-2014 14:18:24 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:45 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.211	2.208	0.003	21033135	200.0	195.4	
2	1.893	1.891	0.002	25181333	200.0	194.8	
						RPD = 0.30	
15 alpha-BHC							
1	2.622	2.619	0.003	65866705	500.0	539.2	
2	2.197	2.195	0.002	75438695	500.0	483.4	
						RPD = 10.91	
2 gamma-BHC (Lindane)							
1	2.882	2.879	0.003	55406383	500.0	529.0	
2	2.383	2.381	0.002	64728832	500.0	460.6	
						RPD = 13.82	
6 beta-BHC							
1	2.928	2.927	0.001	35752700	500.0	545.7	
2	2.431	2.429	0.002	36556446	500.0	428.3	
						RPD = 24.12	
32 delta-BHC							
1	3.173	3.171	0.002	58282000	500.0	545.1	
2	2.546	2.543	0.003	67025195	500.0	470.1	
						RPD = 14.78	
18 Heptachlor							
1	3.243	3.241	0.002	65043308	500.0	521.5	
2	2.672	2.669	0.003	67792016	500.0	429.0	
						RPD = 19.45	
8 Aldrin							
1	3.542	3.538	0.004	59399608	500.0	500.1	
2	2.875	2.873	0.002	66073376	500.0	499.3	
						RPD = 0.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.127	4.123	0.004	56256106	500.0	495.0	
2	3.316	3.313	0.003	61027234	500.0	420.6	
						RPD = 16.24	
9 gamma-Chlordane							
1	4.337	4.333	0.004	56584182	500.0	516.7	
2	3.420	3.418	0.002	62701426	500.0	450.0	
						RPD = 13.81	
23 alpha-Chlordane							
1	4.498	4.496	0.002	51755177	500.0	492.9	
2	3.533	3.530	0.003	57459049	500.0	431.5	
						RPD = 13.28	
7 Endosulfan I							
1	4.573	4.569	0.004	54587084	500.0	525.2	
2	3.654	3.651	0.003	64479173	500.0	452.3	
						RPD = 14.91	
25 4,4'-DDE							
1	4.657	4.654	0.003	55193917	500.0	549.1	
2	3.593	3.591	0.002	62315825	500.0	478.3	
						RPD = 13.79	
30 Dieldrin							
1	4.832	4.829	0.003	54830270	500.0	517.5	
2	3.883	3.879	0.004	66513192	500.0	469.8	
						RPD = 9.66	
20 Endrin							
1	5.064	5.063	0.001	43531101	500.0	504.6	
2	4.131	4.128	0.003	57839105	500.0	479.9	
						RPD = 5.02	
16 4,4'-DDD							
1	5.122	5.121	0.001	44526178	500.0	529.4	
2	4.198	4.195	0.003	57631309	500.0	484.6	
						RPD = 8.84	
11 Endosulfan II							
1	5.209	5.208	0.001	46899920	500.0	466.8	
2	4.368	4.365	0.003	57216111	500.0	462.8	
						RPD = 0.86	
21 4,4'-DDT							
1	5.338	5.337	0.001	39444968	500.0	509.2	
2	4.495	4.493	0.002	53850598	500.0	488.1	
						RPD = 4.22	
5 Endrin aldehyde							
1	5.433	5.433	0.000	38001406	500.0	435.7	
2	4.768	4.766	0.002	45810694	500.0	414.5	
						RPD = 4.99	
3 Endosulfan sulfate							
1	5.635	5.633	0.002	43973716	500.0	473.9	
2	4.933	4.932	0.001	26539775	500.0	449.3	
						RPD = 5.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.870	5.868	0.002	22784627	500.0	554.2	
2	5.078	5.076	0.002	45578694	500.0	447.6	
						RPD = 21.28	
13 Endrin ketone							
1	6.105	6.103	0.002	55311758	500.0	505.8	
2	5.272	5.270	0.002	53722507	500.0	432.8	
						RPD = 15.56	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	20585711	200.0	197.6	
2	6.069	6.068	0.001	21942138	200.0	198.2	
						RPD = 0.30	

Reagents:

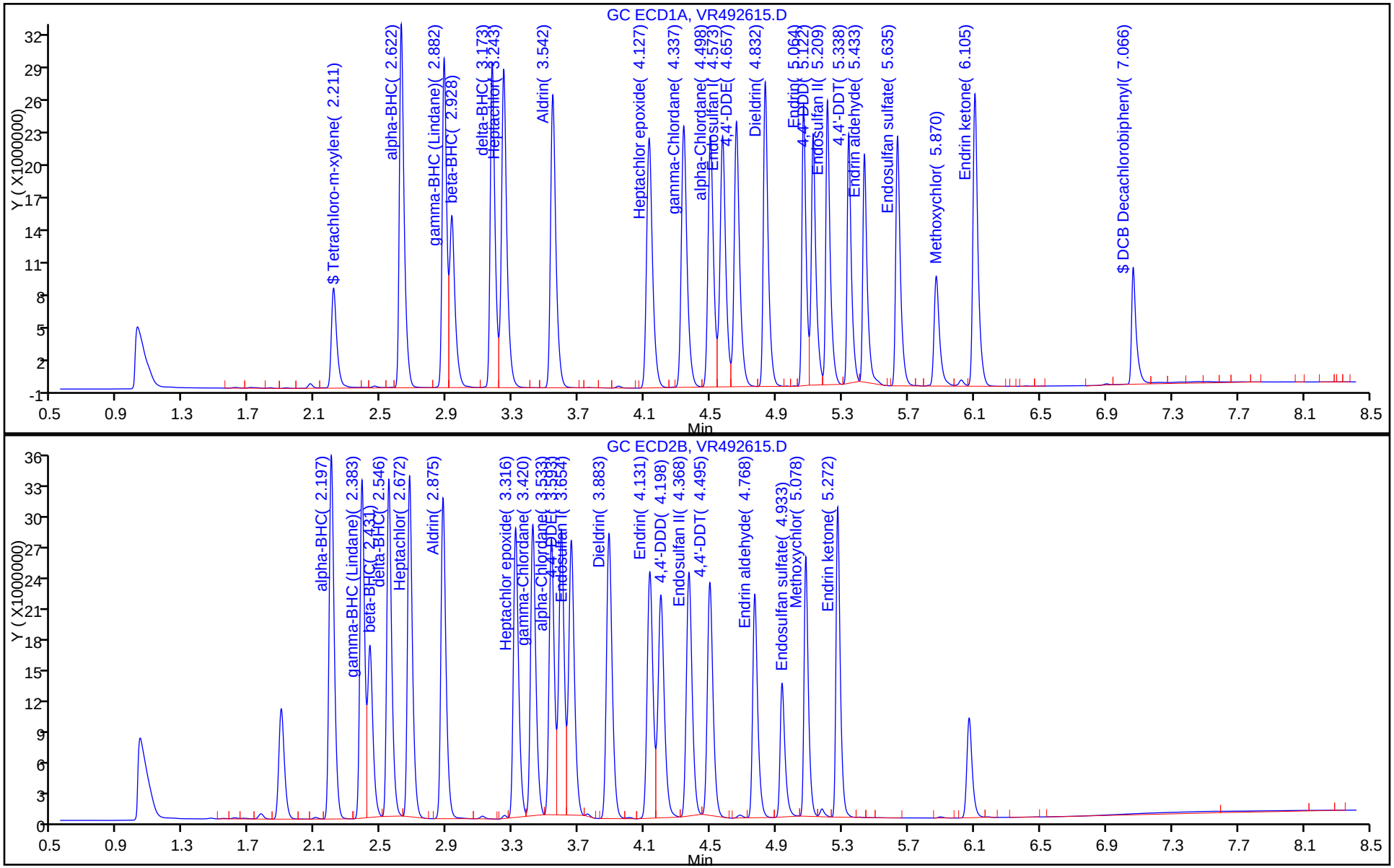
SGPESTL5_00016 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:47 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492615.D

Injection Date:	18-Jun-2014 14:18:24	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD PESTL5			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40191

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.120										3.050 - 3.190	3.120
Chlordane (technical) Peak 2	3.244										3.174 - 3.314	3.244
Chlordane (technical) Peak 3	4.337										4.267 - 4.407	4.337
Chlordane (technical) Peak 4	4.435										4.365 - 4.505	4.435
Chlordane (technical) Peak 5	4.499										4.429 - 4.569	4.499

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40191

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.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								
Chlordane (technical) Peak 1	4210.6				Ave		4210.59100						20.0			
Chlordane (technical) Peak 2	5533.4				Ave		5533.43800						20.0			
Chlordane (technical) Peak 3	12947				Ave		12947.0970						20.0			
Chlordane (technical) Peak 4	10406				Ave		10406.1360						20.0			
Chlordane (technical) Peak 5	11516				Ave		11516.3320						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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40191

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	4210591					1000				
Chlordane (technical) Peak 2	Ave	5533438					1000				
Chlordane (technical) Peak 3	Ave	12947097					1000				
Chlordane (technical) Peak 4	Ave	10406136					1000				
Chlordane (technical) Peak 5	Ave	11516332					1000				

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492616.D
Lims ID: STD CHLOL3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-Jun-2014 14:29:53 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub2

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:48 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 09:03:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.120	3.120	0.000	4210591	1000.0	1000.0	
1	3.244	3.244	0.000	5533438	1000.0	1000.0	
1	4.337	4.337	0.000	12947097	1000.0	1000.0	
1	4.435	4.435	0.000	10406136	1000.0	1000.0	
1	4.499	4.499	0.000	11516332	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.620	2.620	0.000	5061512	1000.0	1000.0	
2	2.671	2.671	0.000	7890074	1000.0	1000.0	
2	2.964	2.964	0.000	7700656	1000.0	1000.0	
2	3.421	3.421	0.000	18457973	1000.0	1000.0	
2	3.526	3.526	0.000	29473016	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

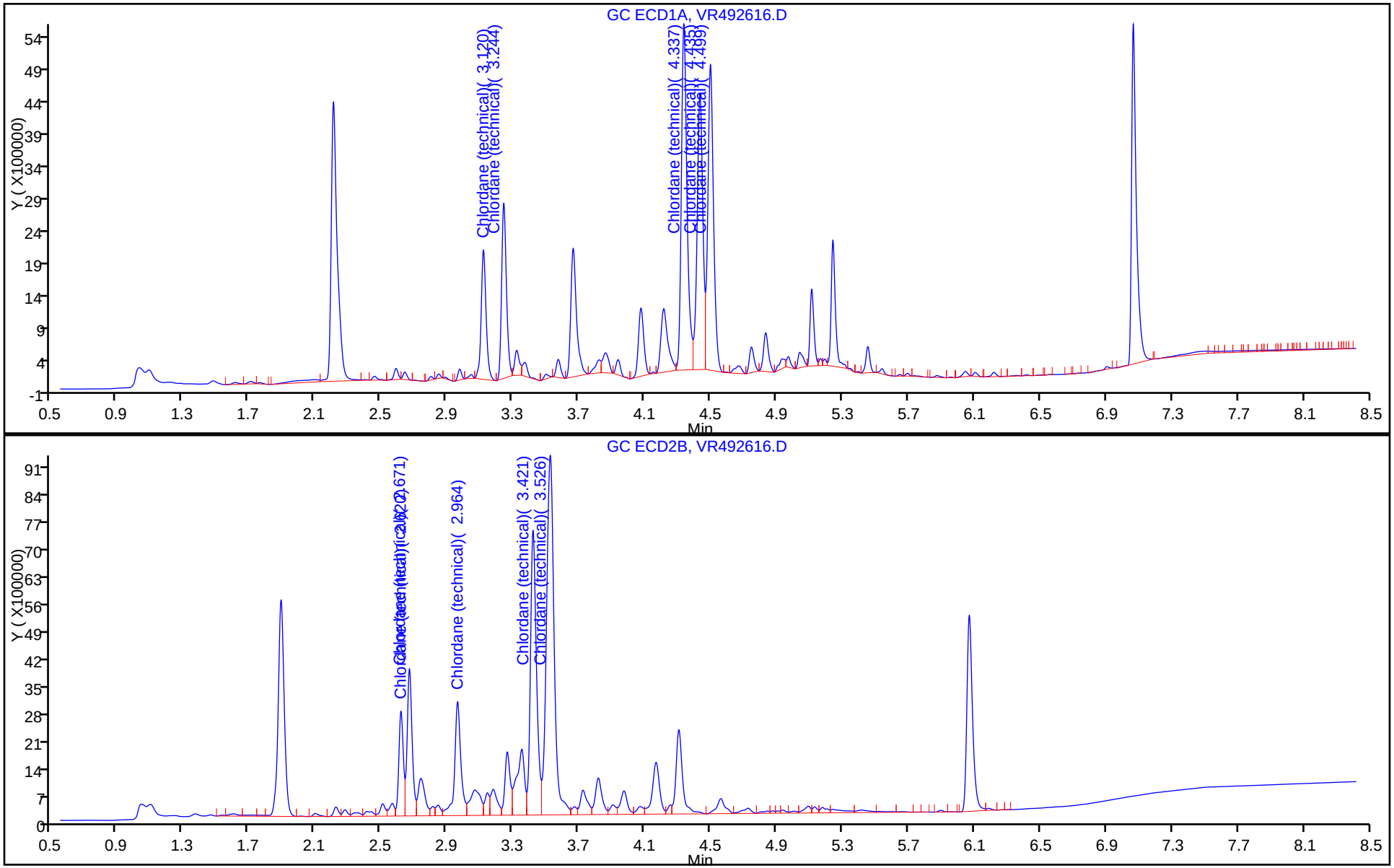
SGCHOL3_00015 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:49 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492616.D

Injection Date:	18-Jun-2014 14:29:53	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD CHLOL3			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	2.620										2.550 - 2.690	2.620
Chlordane (technical) Peak 2	2.671										2.601 - 2.741	2.671
Chlordane (technical) Peak 3	2.964										2.894 - 3.034	2.964
Chlordane (technical) Peak 4	3.421										3.351 - 3.491	3.421
Chlordane (technical) Peak 5	3.526										3.456 - 3.596	3.526

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.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								
Chlordane (technical) Peak 1	5061.5				Ave		5061.51200						20.0			
Chlordane (technical) Peak 2	7890.1				Ave		7890.07400						20.0			
Chlordane (technical) Peak 3	7700.7				Ave		7700.65600						20.0			
Chlordane (technical) Peak 4	18458				Ave		18457.9730						20.0			
Chlordane (technical) Peak 5	29473				Ave		29473.0160						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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:29 Calibration End Date: 06/18/2014 14:29 Calibration ID: 40192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/9	VR492616.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	5061512					1000				
Chlordane (technical) Peak 2	Ave	7890074					1000				
Chlordane (technical) Peak 3	Ave	7700656					1000				
Chlordane (technical) Peak 4	Ave	18457973					1000				
Chlordane (technical) Peak 5	Ave	29473016					1000				

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492616.D
Lims ID: STD CHLOL3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-Jun-2014 14:29:53 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub2

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:48 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 09:03:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.120	3.120	0.000	4210591	1000.0	1000.0	
1	3.244	3.244	0.000	5533438	1000.0	1000.0	
1	4.337	4.337	0.000	12947097	1000.0	1000.0	
1	4.435	4.435	0.000	10406136	1000.0	1000.0	
1	4.499	4.499	0.000	11516332	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.620	2.620	0.000	5061512	1000.0	1000.0	
2	2.671	2.671	0.000	7890074	1000.0	1000.0	
2	2.964	2.964	0.000	7700656	1000.0	1000.0	
2	3.421	3.421	0.000	18457973	1000.0	1000.0	
2	3.526	3.526	0.000	29473016	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

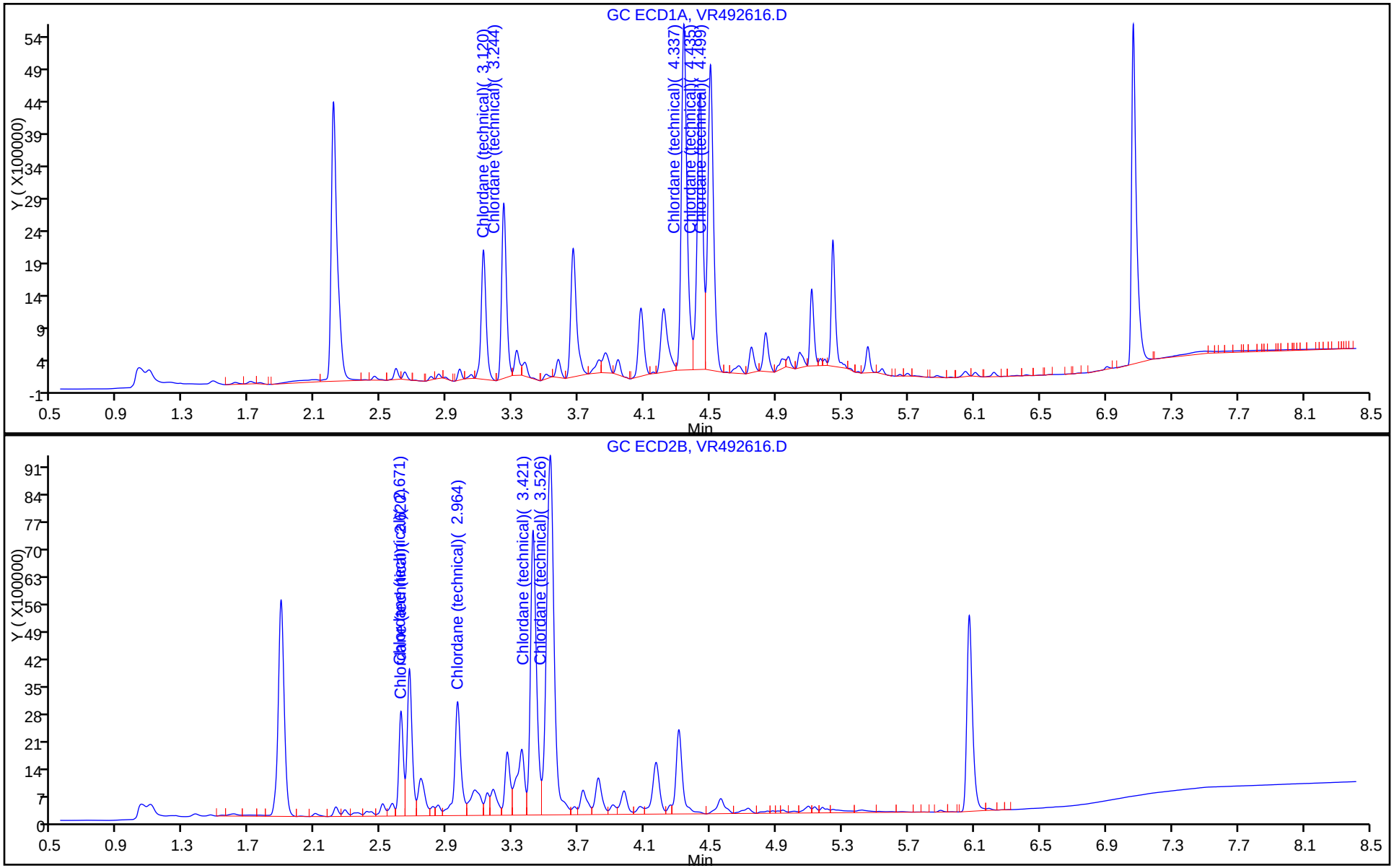
SGCHOL3_00015 Amount Added: 1.00 Units: mL

Report Date: 19-Jun-2014 09:27:50 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492616.D

Injection Date:	18-Jun-2014 14:29:53	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD CHLOL3			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40197

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	4.809										4.739 - 4.879	4.809
Toxaphene Peak 2	5.197										5.127 - 5.267	5.197
Toxaphene Peak 3	5.262										5.192 - 5.332	5.262
Toxaphene Peak 4	5.437										5.367 - 5.507	5.437
Toxaphene Peak 5	5.836										5.766 - 5.906	5.836

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40197

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.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	1475.4				Ave		1475.35900						20.0			
Toxaphene Peak 2	1503.7				Ave		1503.69200						20.0			
Toxaphene Peak 3	5722.0				Ave		5722.04300						20.0			
Toxaphene Peak 4	5069.3				Ave		5069.32400						20.0			
Toxaphene Peak 5	5445.0				Ave		5444.95800						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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40197

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	1475359					1000				
Toxaphene Peak 2	Ave	1503692					1000				
Toxaphene Peak 3	Ave	5722043					1000				
Toxaphene Peak 4	Ave	5069324					1000				
Toxaphene Peak 5	Ave	5444958					1000				

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D
Lims ID: STD TOXL3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-Jun-2014 14:41:27 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub3

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:51 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 09:04:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Toxaphene							M
1	4.809	4.809	0.000	1475359	1000.0	1000.0	M
1	5.197	5.197	0.000	1503692	1000.0	1000.0	M
1	5.262	5.262	0.000	5722043	1000.0	1000.0	M
1	5.437	5.437	0.000	5069324	1000.0	1000.0	M
1	5.836	5.836	0.000	5444958	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.360	4.360	0.000	3795369	1000.0	1000.0	
2	4.487	4.487	0.000	5749282	1000.0	1000.0	
2	4.701	4.701	0.000	10322178	1000.0	1000.0	
2	4.969	4.969	0.000	5629805	1000.0	1000.0	
2	5.027	5.027	0.000	5655232	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

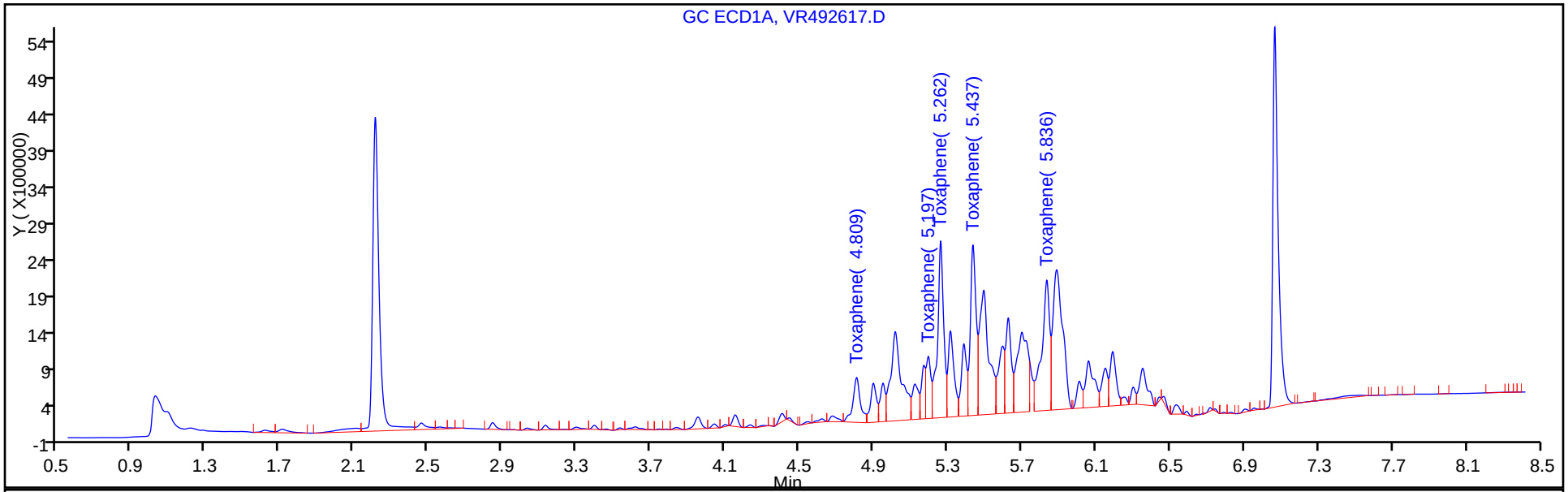
SGTOXL3_00020 Amount Added: 1.00 Units: mL

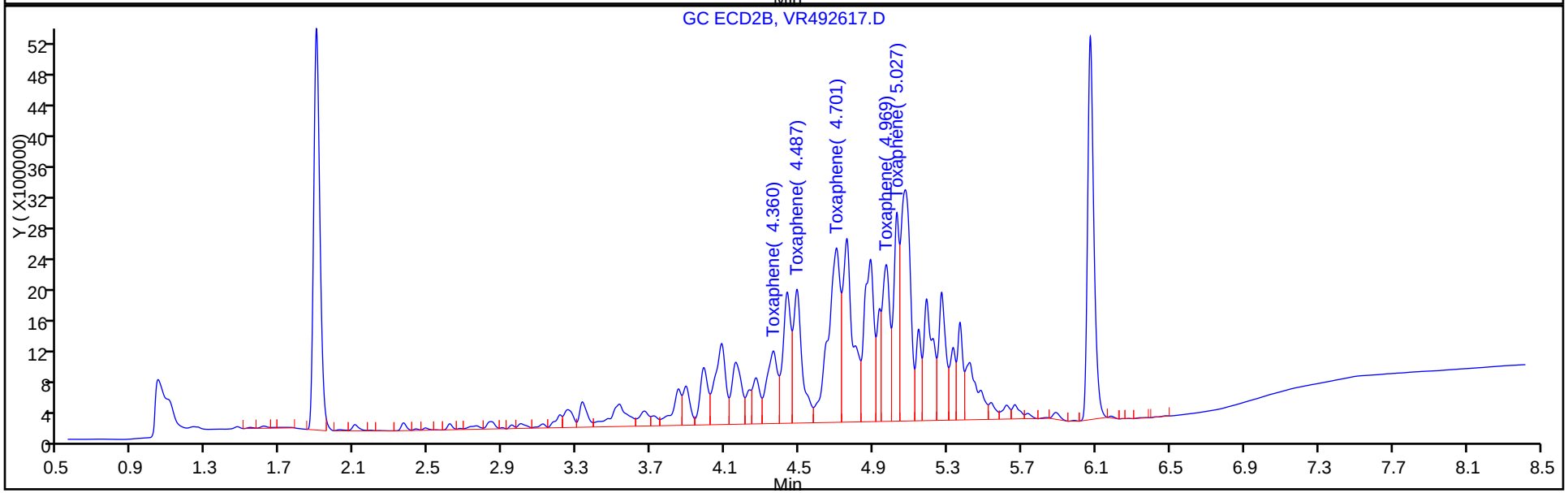
Report Date: 19-Jun-2014 09:27:52 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Injection Date:	18-Jun-2014 14:41:27	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD TOXL3			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Report Date: 19-Jun-2014 09:27:52 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Injection Date: 18-Jun-2014 14:41:27 Instrument ID: CPESTGC9

Lims ID: STD TOXL3

Client ID:

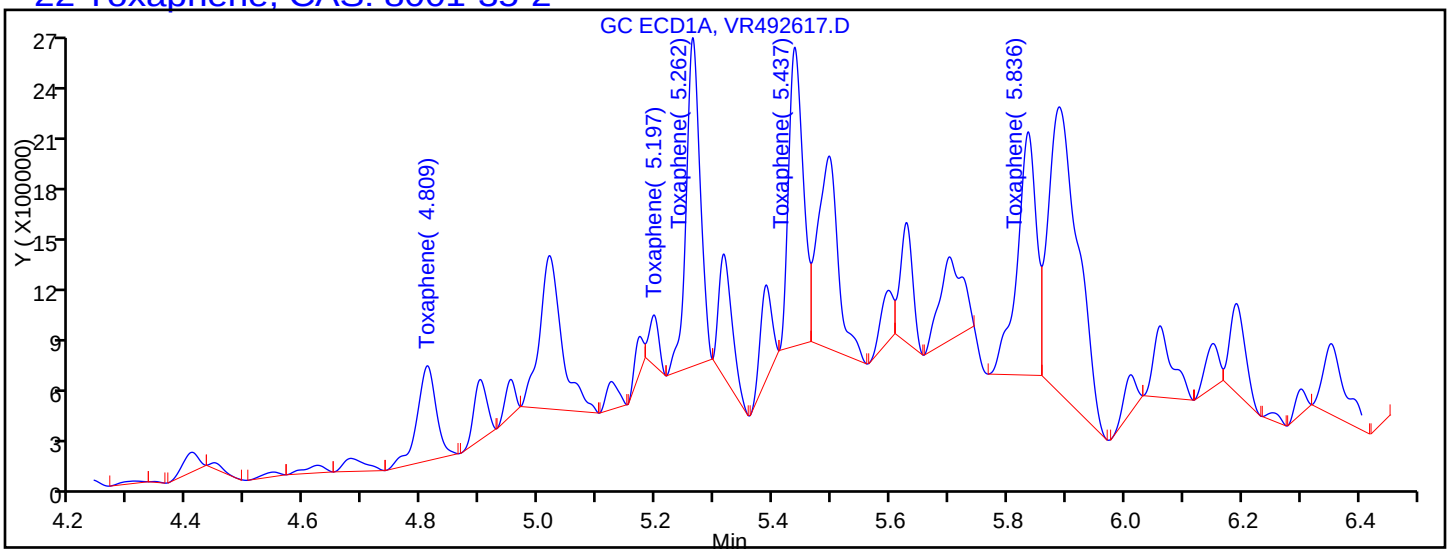
Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC9_8081_LVI Limit Group: GC 8081B PEST

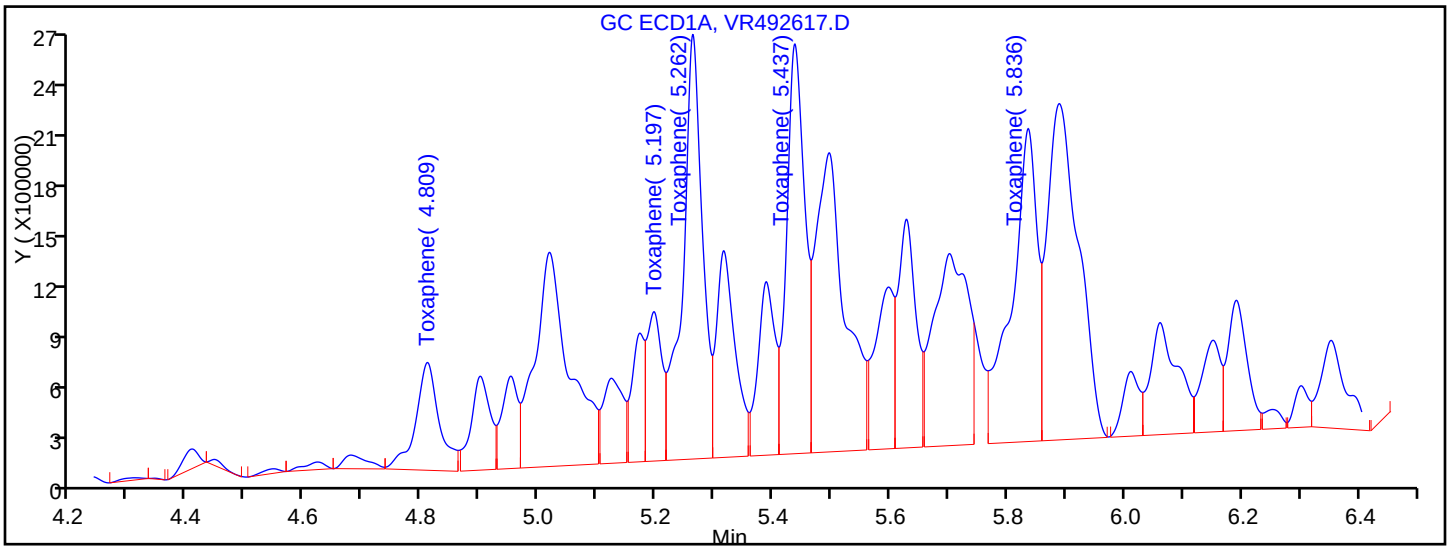
Column: Detector GC ECD1A

22 Toxaphene, CAS: 8001-35-2



Processing Integration Results

RT = 4.809	Response = 1253084	M
RT = 5.197	Response = 329362	M
RT = 5.262	Response = 3137066	M
RT = 5.437	Response = 2973492	M
RT = 5.836	Response = 3218050	M



Manual Integration Results

RT = 4.809	Response = 1475359	M
RT = 5.197	Response = 1503692	M
RT = 5.262	Response = 5722043	M
RT = 5.437	Response = 5069324	M
RT = 5.836	Response = 5444958	M

Reviewer: kapoors, 19-Jun-2014 09:04:49

Audit Action: Assigned New Baseline

Audit Reason: Wrong Peak

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	4.360										4.290 - 4.430	4.360
Toxaphene Peak 2	4.487										4.417 - 4.557	4.487
Toxaphene Peak 3	4.701										4.631 - 4.771	4.701
Toxaphene Peak 4	4.969										4.899 - 5.039	4.969
Toxaphene Peak 5	5.027										4.957 - 5.097	5.027

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.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	3795.4				Ave		3795.36900						20.0			
Toxaphene Peak 2	5749.3				Ave		5749.28200						20.0			
Toxaphene Peak 3	10322				Ave		10322.1780						20.0			
Toxaphene Peak 4	5629.8				Ave		5629.80500						20.0			
Toxaphene Peak 5	5655.2				Ave		5655.23200						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.: 460-78044-1 Analy Batch No.: 231434

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2014 14:41 Calibration End Date: 06/18/2014 14:41 Calibration ID: 40198

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-231434/10	VR492617.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	3795369					1000				
Toxaphene Peak 2	Ave	5749282					1000				
Toxaphene Peak 3	Ave	10322178					1000				
Toxaphene Peak 4	Ave	5629805					1000				
Toxaphene Peak 5	Ave	5655232					1000				

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D
Lims ID: STD TOXL3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-Jun-2014 14:41:27 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0014736-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub3

Method: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 19-Jun-2014 09:27:51 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: kapoors Date: 19-Jun-2014 09:04:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Toxaphene							M
1	4.809	4.809	0.000	1475359	1000.0	1000.0	M
1	5.197	5.197	0.000	1503692	1000.0	1000.0	M
1	5.262	5.262	0.000	5722043	1000.0	1000.0	M
1	5.437	5.437	0.000	5069324	1000.0	1000.0	M
1	5.836	5.836	0.000	5444958	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	4.360	4.360	0.000	3795369	1000.0	1000.0	
2	4.487	4.487	0.000	5749282	1000.0	1000.0	
2	4.701	4.701	0.000	10322178	1000.0	1000.0	
2	4.969	4.969	0.000	5629805	1000.0	1000.0	
2	5.027	5.027	0.000	5655232	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

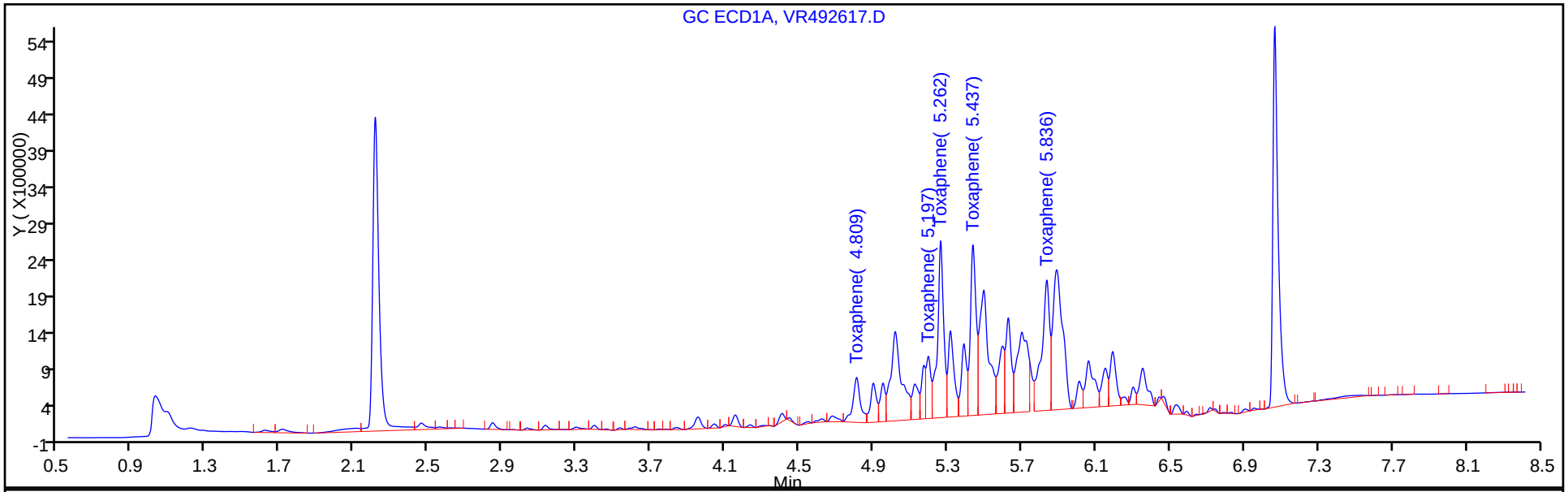
SGTOXL3_00020 Amount Added: 1.00 Units: mL

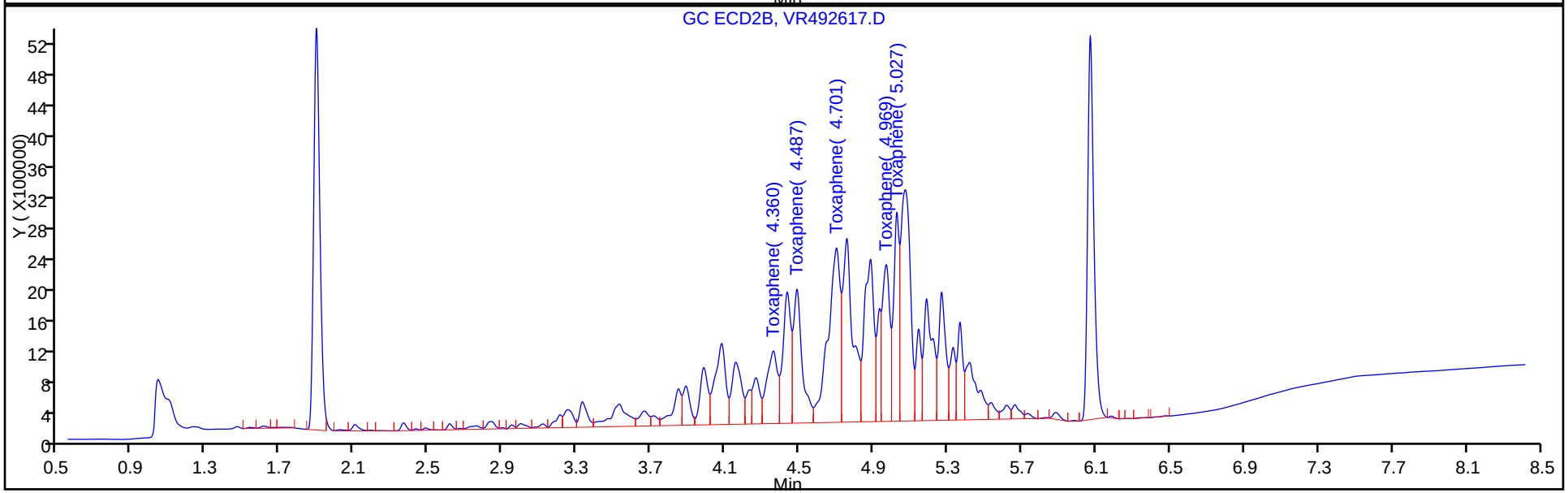
Report Date: 19-Jun-2014 09:27:53 Chrom Revision: 2.2 12-Jun-2014 08:49:30

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Injection Date:	18-Jun-2014 14:41:27	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	STD TOXL3			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: PEM 460-231911/2 Calibration Date: 06/20/2014 11:49

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492684.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.07	22609474	11.88	15	
Endrin aldehyde	5.43	951971			
Endrin ketone	6.11	2097152			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.34	18338078	3.38	15	
4,4'-DDD		0			
4,4'-DDE	4.66	640752			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 20-Jun-2014 11:49:48 ALS Bottle#: 27 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist:

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:49 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 13:28:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
25 4,4'-DDE							
1	4.656	4.658	-0.002	640752		6.37	
2	3.592	3.594	-0.002	944428		7.25	
						RPD = 12.83	
20 Endrin							M
1	5.066	5.064	0.002	22609474	250.0	262.1	
2	4.132	4.131	0.001	31575331	250.0	262.0	M
						RPD = 0.04	
21 4,4'-DDT							M
1	5.340	5.339	0.001	18338078	250.0	236.7	
2	4.496	4.496	0.000	26528747	250.0	240.5	M
						RPD = 1.57	
5 Endrin aldehyde							M
1	5.434	5.434	0.000	951971		10.9	
2	4.770	4.769	0.001	1166716		10.6	M
						RPD = 3.34	
13 Endrin ketone							M
1	6.105	6.105	0.000	2097152		19.2	
2	5.271	5.271	0.000	2723535		21.9	M
						RPD = 13.44	

QC Flag Legend

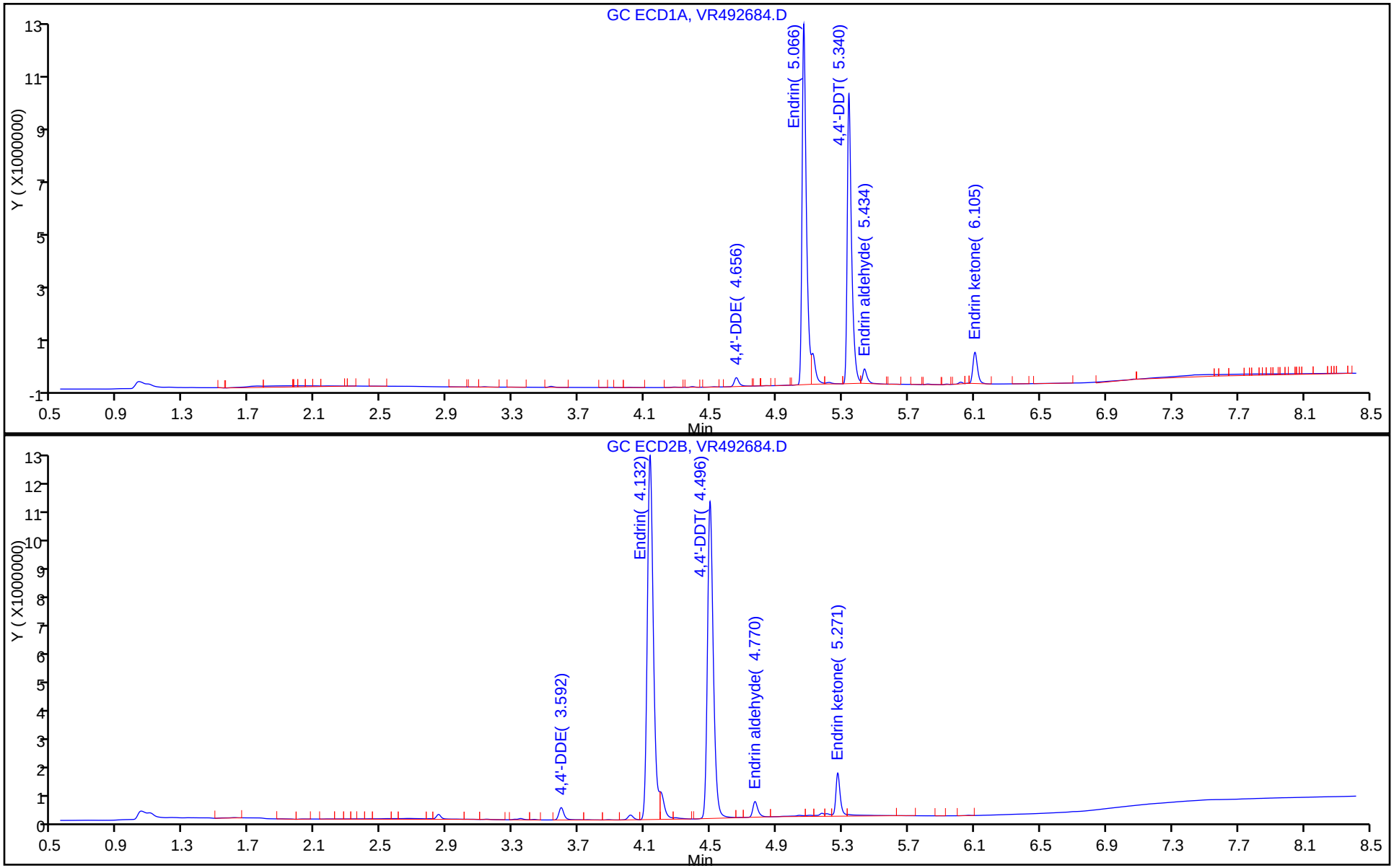
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D

Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: PEM 460-231911/2 Calibration Date: 06/20/2014 11:49

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492684.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.13	31575331	10.97	15	
Endrin aldehyde	4.77	1166716			
Endrin ketone	5.27	2723535			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.50	26528747	3.44	15	
4,4'-DDD		0			
4,4'-DDE	3.59	944428			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 20-Jun-2014 11:49:48 ALS Bottle#: 27 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist:

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:49 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 13:28:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
25 4,4'-DDE							
1	4.656	4.658	-0.002	640752		6.37	
2	3.592	3.594	-0.002	944428		7.25	
						RPD = 12.83	
20 Endrin							M
1	5.066	5.064	0.002	22609474	250.0	262.1	
2	4.132	4.131	0.001	31575331	250.0	262.0	M
						RPD = 0.04	
21 4,4'-DDT							M
1	5.340	5.339	0.001	18338078	250.0	236.7	
2	4.496	4.496	0.000	26528747	250.0	240.5	M
						RPD = 1.57	
5 Endrin aldehyde							M
1	5.434	5.434	0.000	951971		10.9	
2	4.770	4.769	0.001	1166716		10.6	M
						RPD = 3.34	
13 Endrin ketone							M
1	6.105	6.105	0.000	2097152		19.2	
2	5.271	5.271	0.000	2723535		21.9	M
						RPD = 13.44	

QC Flag Legend

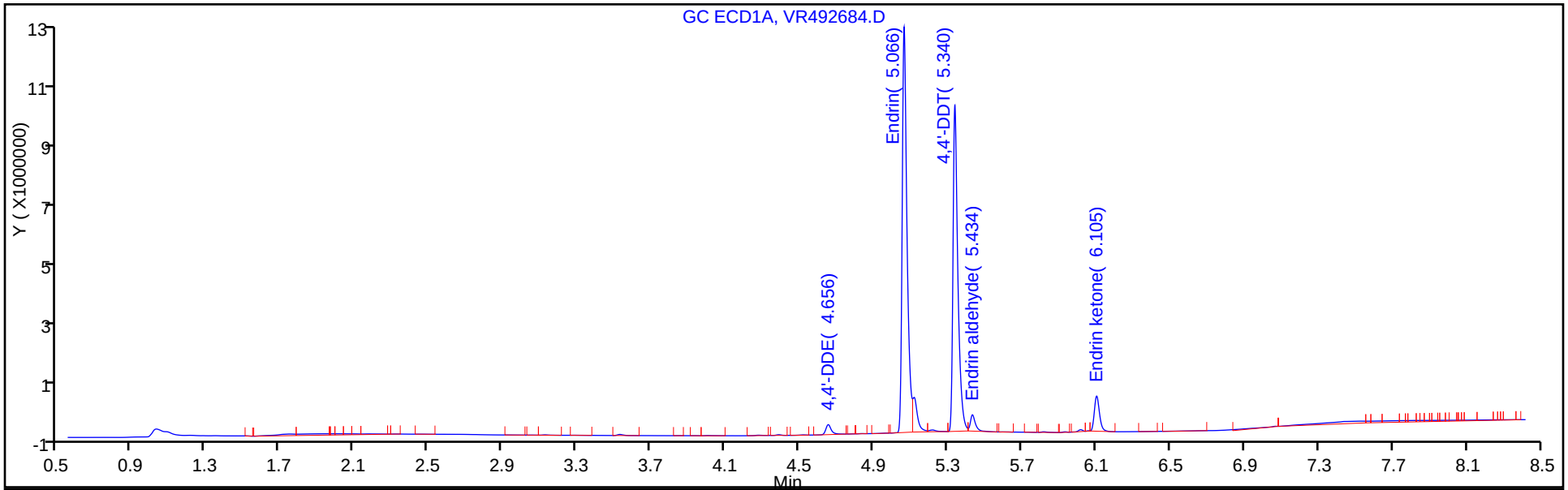
Review Flags
M - Manually Integrated

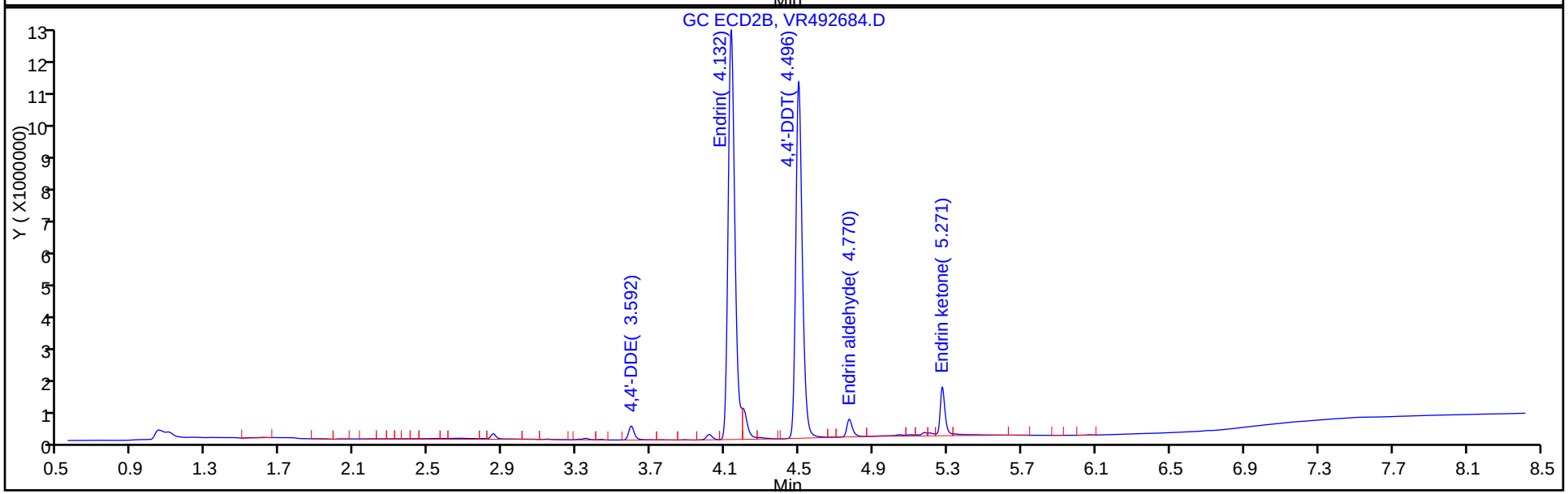
Report Date: 22-Jun-2014 12:52:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D

Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





Manual Integration/User Assign Peak Report

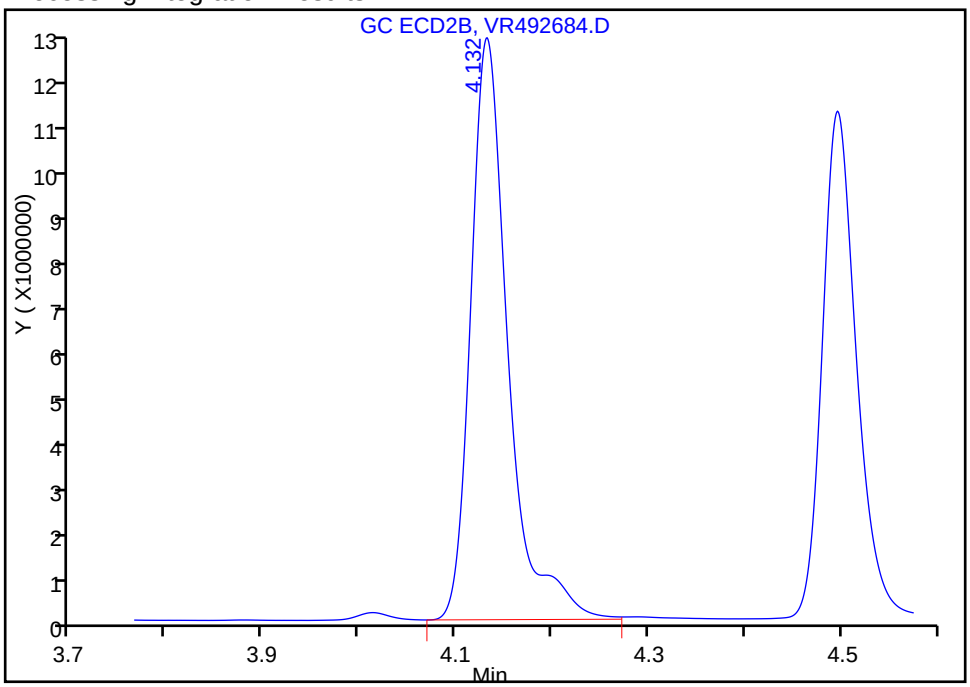
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D				
Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9		
Lims ID:	PEM				
Client ID:					
Operator ID:	615	ALS Bottle#:	27	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

20 Endrin, CAS: 72-20-8

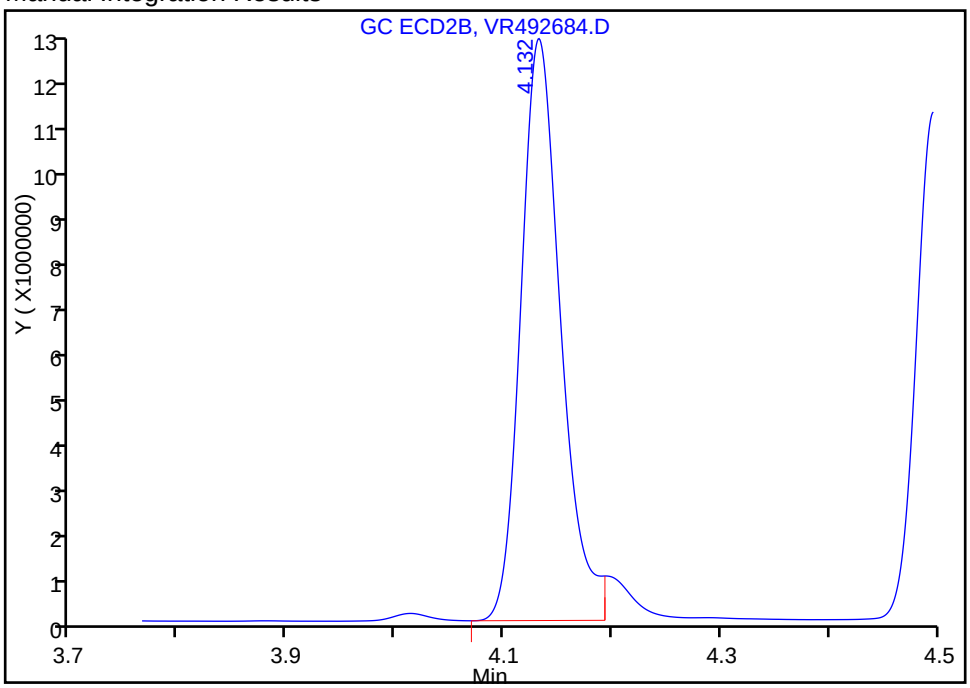
Processing Integration Results

RT: 4.13
Response: 33266709
Amount: 276.0302



Manual Integration Results

RT: 4.13
Response: 31575331
Amount: 261.9960



Reviewer: foleysont, 20-Jun-2014 13:28:21
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

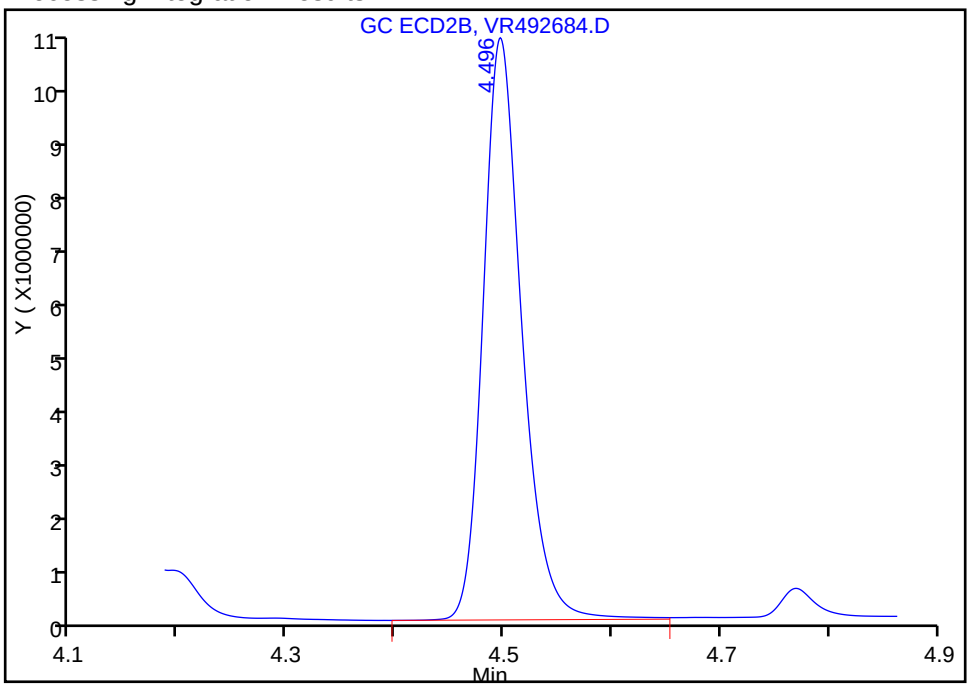
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D				
Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9		
Lims ID:	PEM				
Client ID:					
Operator ID:	615	ALS Bottle#:	27	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

21 4,4'-DDT, CAS: 50-29-3

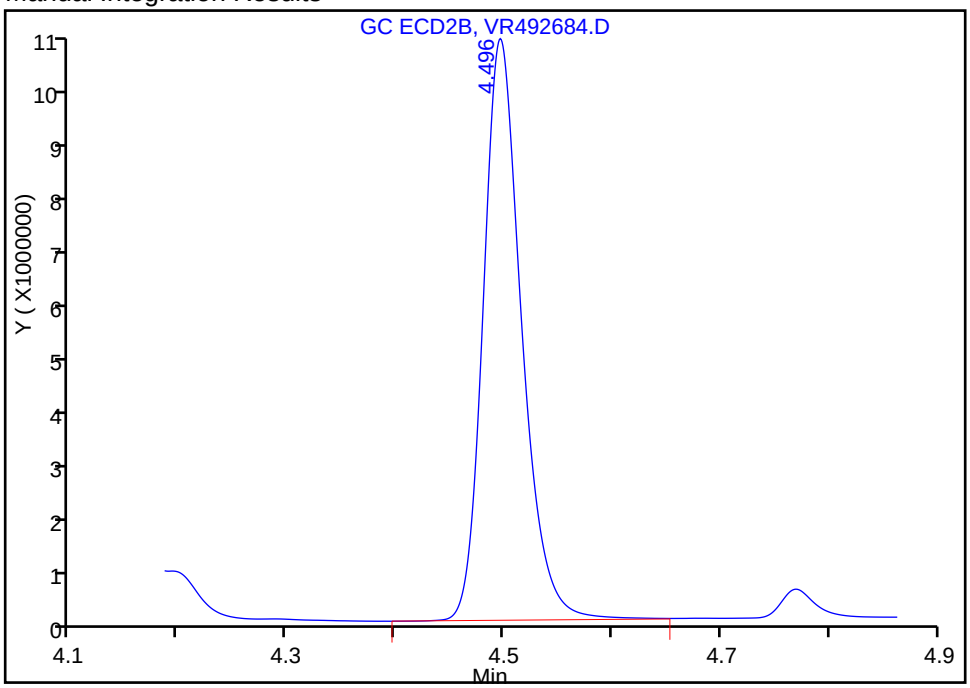
Processing Integration Results

RT: 4.50
Response: 26691672
Amount: 241.9536



Manual Integration Results

RT: 4.50
Response: 26528747
Amount: 240.4767



Reviewer: foleysont, 20-Jun-2014 13:28:21
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

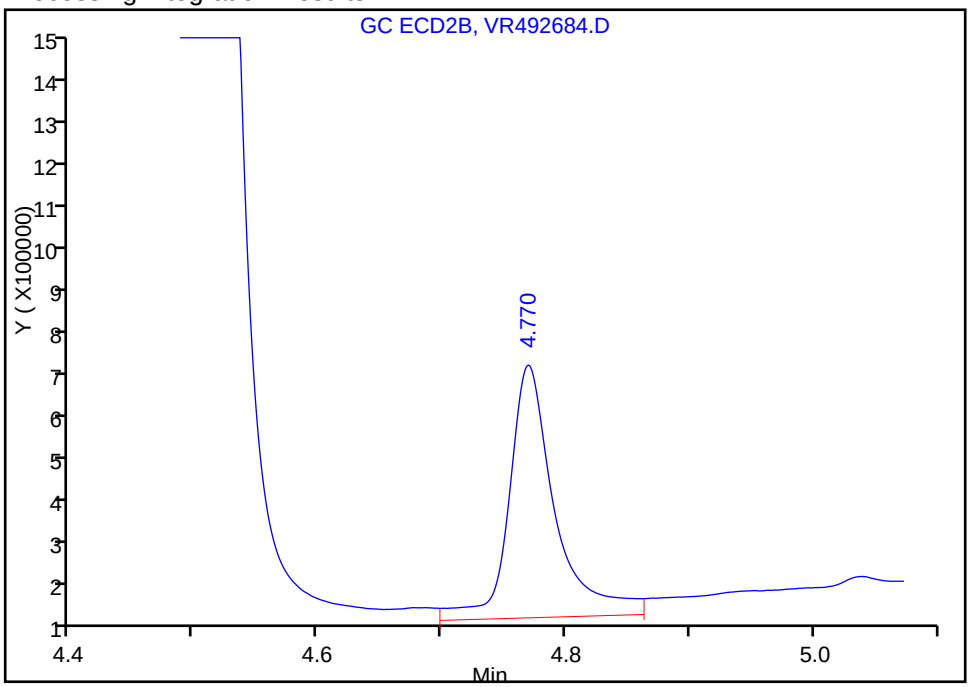
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D				
Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9		
Lims ID:	PEM				
Client ID:					
Operator ID:	615	ALS Bottle#:	27	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

5 Endrin aldehyde, CAS: 7421-93-4

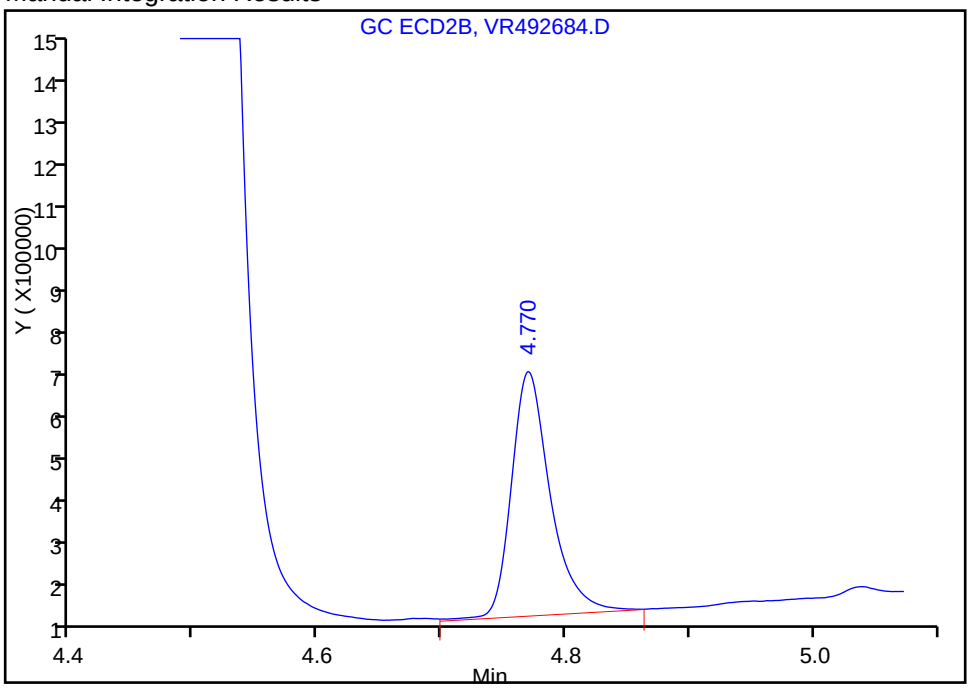
Processing Integration Results

RT: 4.77
Response: 1446044
Amount: 13.083892



Manual Integration Results

RT: 4.77
Response: 1166716
Amount: 10.556516



Reviewer: foleysont, 20-Jun-2014 13:28:21
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

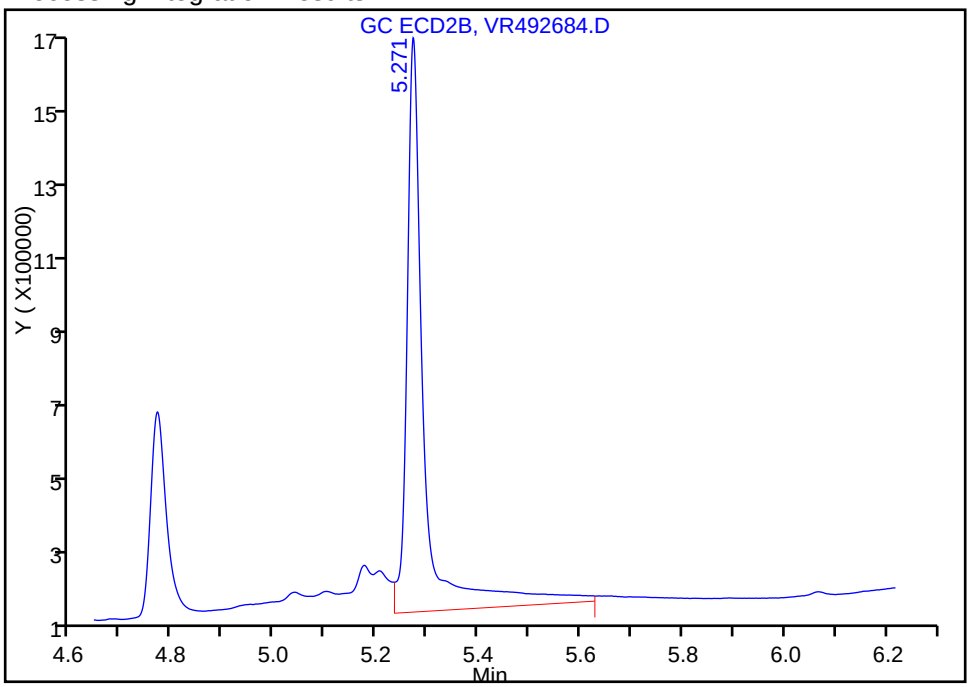
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492684.D				
Injection Date:	20-Jun-2014 11:49:48	Instrument ID:	CPESTGC9		
Lims ID:	PEM				
Client ID:					
Operator ID:	615	ALS Bottle#:	27	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

13 Endrin ketone, CAS: 53494-70-5

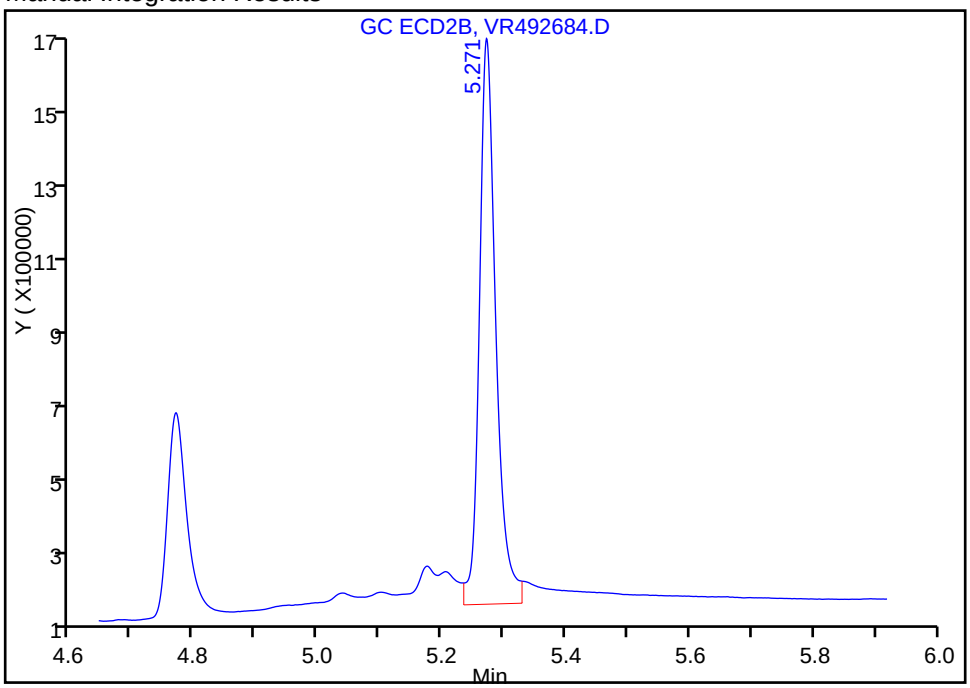
Processing Integration Results

RT: 5.27
Response: 3496849
Amount: 28.168403



Manual Integration Results

RT: 5.27
Response: 2723535
Amount: 21.939075



Reviewer: foleysont, 20-Jun-2014 13:28:21
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: PEM 460-232099/21 Calibration Date: 06/21/2014 16:10

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492732.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.06	22880389	11.06	15	
Endrin aldehyde	5.43	999660			
Endrin ketone	6.10	1844490			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.34	18610374	4.23	15	
4,4'-DDD		0			
4,4'-DDE	4.65	821897			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492732.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 21-Jun-2014 16:10:00 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist:

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

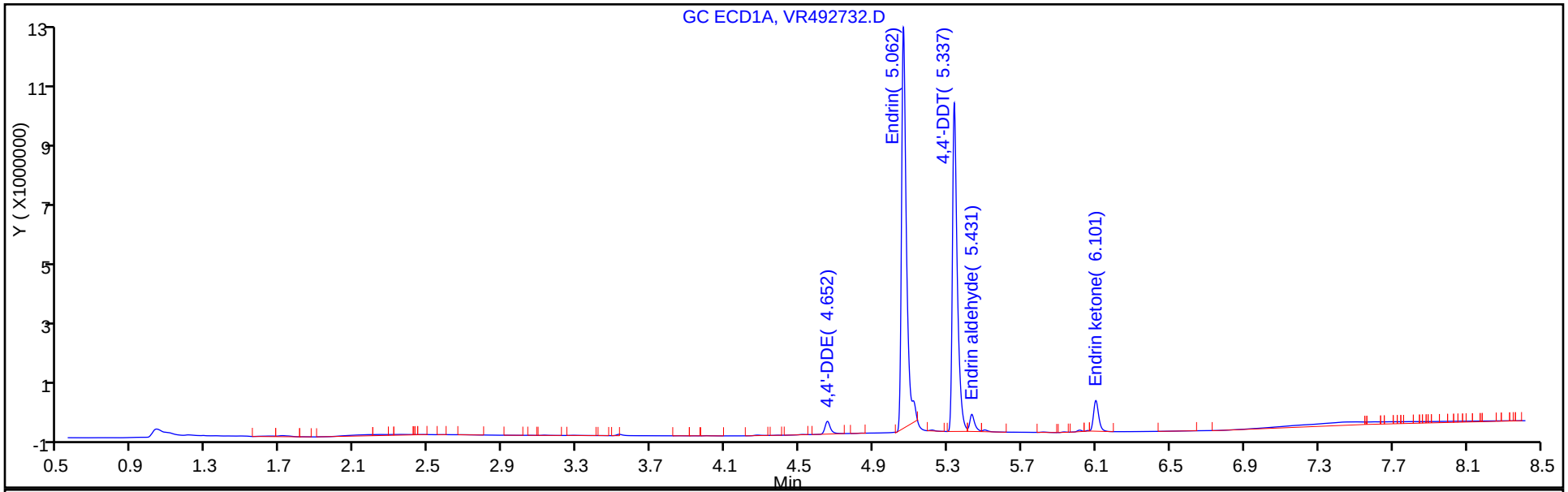
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
25 4,4'-DDE							
1	4.652	4.654	-0.002	821897		8.18	
2	3.587	3.589	-0.002	1210827		9.29	
						RPD = 12.78	
20 Endrin							
1	5.062	5.062	0.000	22880389	250.0	265.2	
2	4.126	4.125	0.001	32792578	250.0	272.1	
						RPD = 2.55	
21 4,4'-DDT							
1	5.337	5.336	0.001	18610374	250.0	240.2	
2	4.491	4.490	0.001	26973032	250.0	244.5	
						RPD = 1.76	
5 Endrin aldehyde							
1	5.431	5.432	-0.001	999660		11.5	
2	4.764	4.764	0.000	1163992		10.5	
						RPD = 8.46	
13 Endrin ketone							
1	6.101	6.101	0.000	1844490		16.9	
2	5.267	5.268	-0.001	2235967		18.0	
						RPD = 6.57	

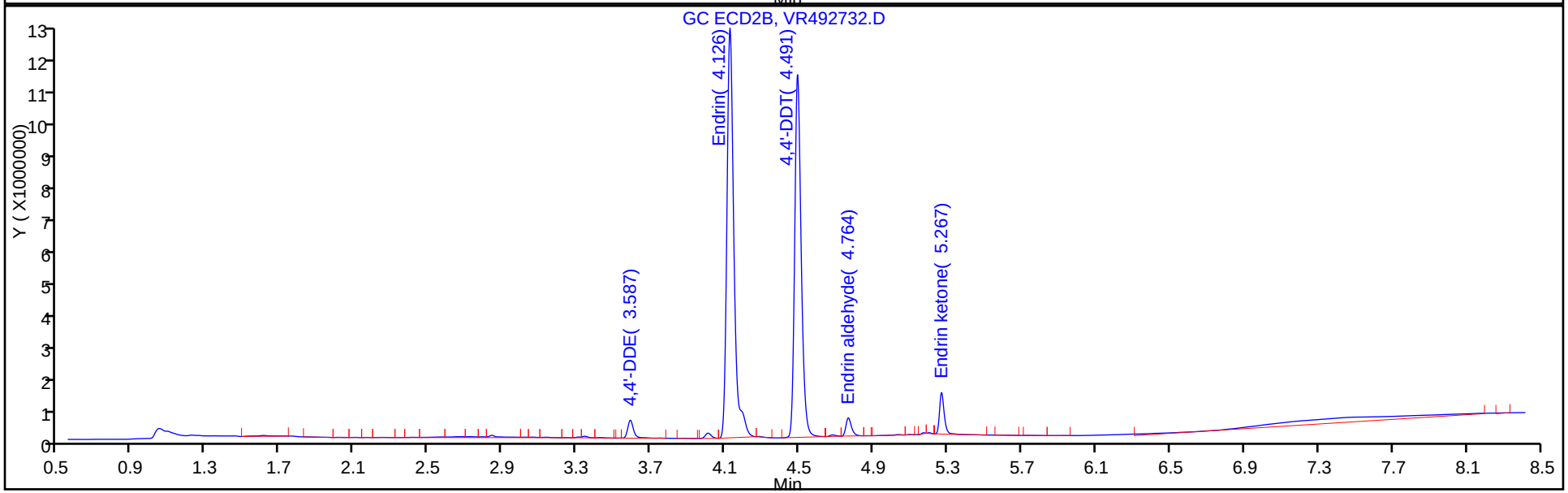
Report Date: 22-Jun-2014 13:53:13 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492732.D

Injection Date:	21-Jun-2014 16:10:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	PEM			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: PEM 460-232099/21 Calibration Date: 06/21/2014 16:10

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492732.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.13	32792578	9.39	15	
Endrin aldehyde	4.76	1163992			
Endrin ketone	5.27	2235967			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.49	26973032	4.30	15	
4,4'-DDD		0			
4,4'-DDE	3.59	1210827			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492732.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 21-Jun-2014 16:10:00 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist:

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

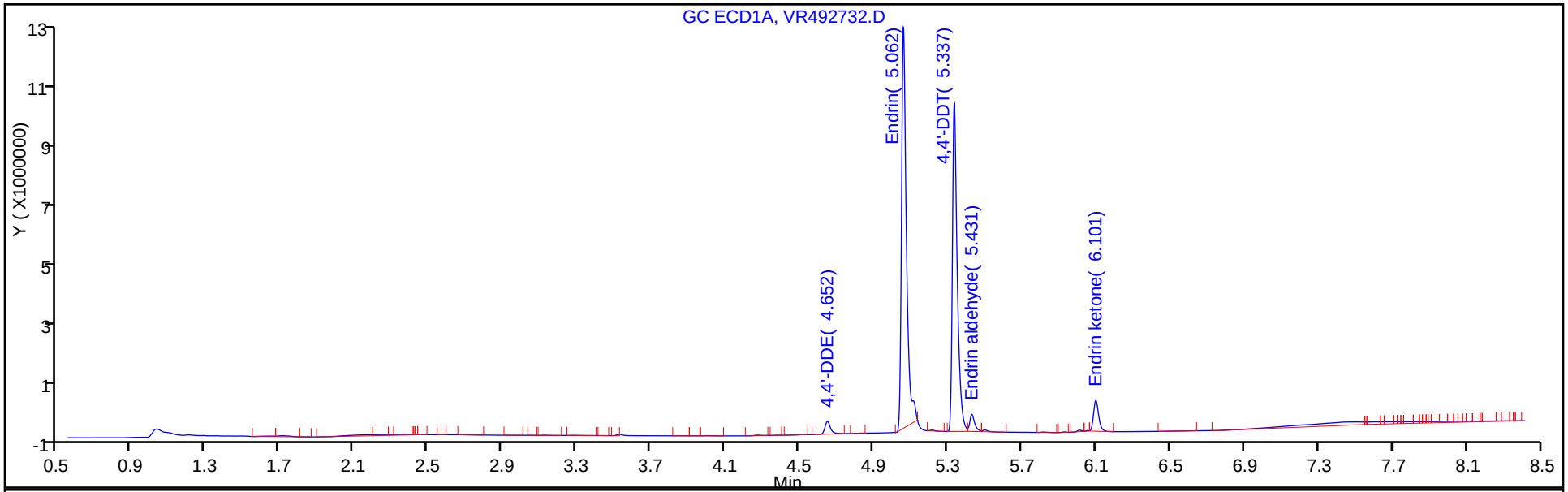
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
25 4,4'-DDE							
1	4.652	4.654	-0.002	821897		8.18	
2	3.587	3.589	-0.002	1210827		9.29	
						RPD = 12.78	
20 Endrin							
1	5.062	5.062	0.000	22880389	250.0	265.2	
2	4.126	4.125	0.001	32792578	250.0	272.1	
						RPD = 2.55	
21 4,4'-DDT							
1	5.337	5.336	0.001	18610374	250.0	240.2	
2	4.491	4.490	0.001	26973032	250.0	244.5	
						RPD = 1.76	
5 Endrin aldehyde							
1	5.431	5.432	-0.001	999660		11.5	
2	4.764	4.764	0.000	1163992		10.5	
						RPD = 8.46	
13 Endrin ketone							
1	6.101	6.101	0.000	1844490		16.9	
2	5.267	5.268	-0.001	2235967		18.0	
						RPD = 6.57	

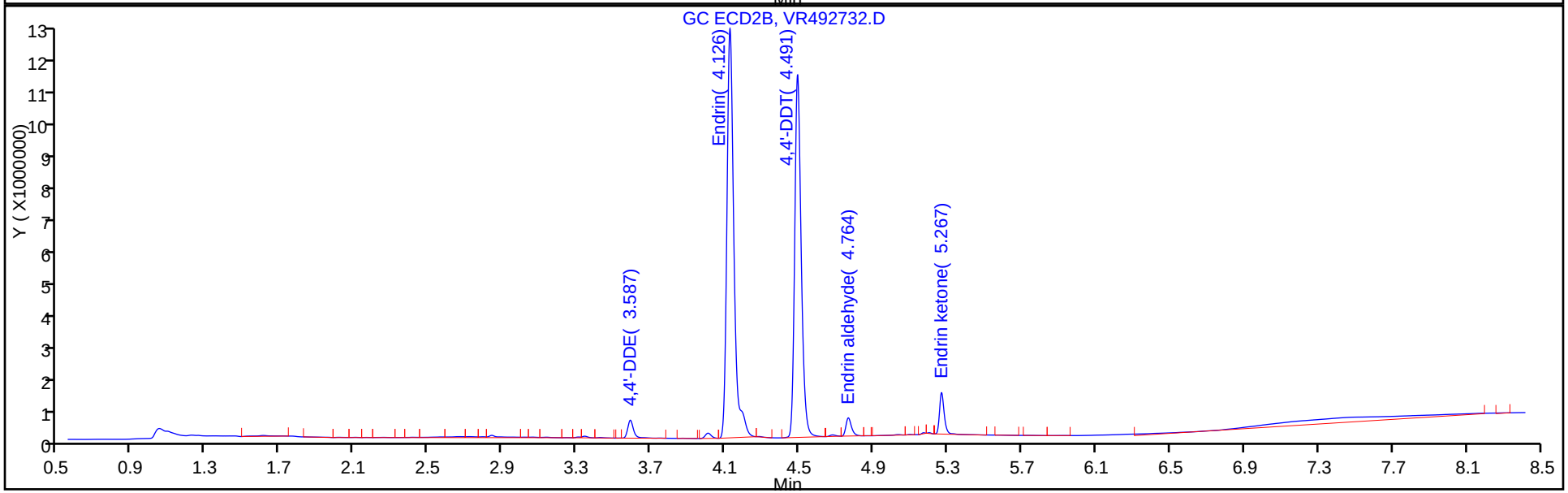
Report Date: 22-Jun-2014 13:53:13 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492732.D

Injection Date:	21-Jun-2014 16:10:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	PEM			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-231911/1 Calibration Date: 06/20/2014 11:38

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492683.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	122166	126742		104	100	3.7	20.0
gamma-BHC (Lindane)	Ave	104742	112488		107	100	7.4	20.0
beta-BHC	Ave	65514	69797		107	100	6.5	20.0
delta-BHC	Ave	106921	114158		107	100	6.8	20.0
Heptachlor	Ave	124723	123701		99.2	100	-0.8	20.0
Aldrin	Qua		116689		103	100	3.1	20.0
Heptachlor epoxide	Ave	113658	114444		101	100	0.7	20.0
gamma-Chlordane	Ave	109515	114277		104	100	4.3	20.0
alpha-Chlordane	Ave	105009	108070		103	100	2.9	20.0
Endosulfan I	Ave	103935	107773		104	100	3.7	20.0
4,4'-DDE	Ave	100521	102279		102	100	1.7	20.0
Dieldrin	Ave	105945	105676		99.7	100	-0.3	20.0
Endrin	Ave	86260	82297		95.4	100	-4.6	20.0
4,4'-DDD	Ave	84102	85821		102	100	2.0	20.0
Endosulfan II	Ave	100473	95975		95.5	100	-4.5	20.0
4,4'-DDT	Ave	77467	67337		86.9	100	-13.1	20.0
Endrin aldehyde	Ave	87217	85092		97.6	100	-2.4	20.0
Endosulfan sulfate	Ave	92790	91036		98.1	100	-1.9	20.0
Methoxychlor	Ave	41110	41197		100	100	0.2	20.0
Endrin ketone	Ave	109365	116190		106	100	6.2	20.0
Tetrachloro-m-xylene	Ave	107645	104867		97.4	100	-2.6	20.0
DCB Decachlorobiphenyl	Qua		108494		104	100	4.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-231911/1 Calibration Date: 06/20/2014 11:38

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492683.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.62	2.57	2.67
gamma-BHC (Lindane)	2.88	2.83	2.93
beta-BHC	2.93	2.88	2.98
delta-BHC	3.18	3.13	3.23
Heptachlor	3.25	3.20	3.30
Aldrin	3.54	3.49	3.59
Heptachlor epoxide	4.13	4.06	4.20
gamma-Chlordane	4.34	4.27	4.41
alpha-Chlordane	4.50	4.43	4.57
Endosulfan I	4.57	4.50	4.64
4,4'-DDE	4.66	4.59	4.73
Dieldrin	4.83	4.76	4.90
Endrin	5.06	4.99	5.13
4,4'-DDD	5.12	5.05	5.19
Endosulfan II	5.21	5.14	5.28
4,4'-DDT	5.34	5.27	5.41
Endrin aldehyde	5.43	5.36	5.50
Endosulfan sulfate	5.64	5.57	5.71
Methoxychlor	5.87	5.80	5.94
Endrin ketone	6.11	6.04	6.18
Tetrachloro-m-xylene	2.21	2.16	2.26
DCB Decachlorobiphenyl	7.07	6.97	7.17

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492683.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 20-Jun-2014 11:38:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:49 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 13:25:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.212	2.212	0.000	10486681	100.0	97.4	
2	1.894	1.894	0.000	12799293	100.0	99.0	
						RPD = 1.63	
15 alpha-BHC							
1	2.623	2.623	0.000	12674185	100.0	103.7	
2	2.198	2.198	0.000	16289939	100.0	104.4	
						RPD = 0.61	
2 gamma-BHC (Lindane)							
1	2.883	2.883	0.000	11248761	100.0	107.4	
2	2.384	2.384	0.000	14716947	100.0	104.7	
						RPD = 2.52	
6 beta-BHC							
1	2.930	2.930	0.000	6979678	100.0	106.5	
2	2.432	2.432	0.000	8443298	100.0	98.9	
						RPD = 7.42	
32 delta-BHC							
1	3.175	3.175	0.000	11415750	100.0	106.8	
2	2.547	2.547	0.000	14768228	100.0	103.6	
						RPD = 3.04	
18 Heptachlor							
1	3.245	3.245	0.000	12370107	100.0	99.2	
2	2.673	2.673	0.000	15214224	100.0	96.3	
						RPD = 2.96	
8 Aldrin							M
1	3.543	3.543	0.000	11668938	100.0	103.1	M
2	2.876	2.876	0.000	14496491	100.0	108.8	
						RPD = 5.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.129	4.129	0.000	11444427	100.0	100.7	
2	3.316	3.316	0.000	13429258	100.0	92.6	
						RPD = 8.42	
9 gamma-Chlordane							
1	4.339	4.339	0.000	11427746	100.0	104.3	
2	3.421	3.421	0.000	13457611	100.0	96.6	
						RPD = 7.74	
23 alpha-Chlordane							
1	4.500	4.500	0.000	10807014	100.0	102.9	
2	3.534	3.534	0.000	12838156	100.0	96.4	
						RPD = 6.53	
7 Endosulfan I							
1	4.574	4.574	0.000	10777307	100.0	103.7	
2	3.654	3.654	0.000	13768976	100.0	96.6	
						RPD = 7.09	
25 4,4'-DDE							
1	4.658	4.658	0.000	10227876	100.0	101.7	
2	3.594	3.594	0.000	12882156	100.0	98.9	
						RPD = 2.87	
30 Dieldrin							
1	4.833	4.833	0.000	10567632	100.0	99.7	
2	3.884	3.884	0.000	13819221	100.0	97.6	
						RPD = 2.16	
20 Endrin							
1	5.064	5.064	0.000	8229672	100.0	95.4	
2	4.131	4.131	0.000	11651383	100.0	96.7	
						RPD = 1.32	
16 4,4'-DDD							
1	5.124	5.124	0.000	8582058	100.0	102.0	
2	4.199	4.199	0.000	11875436	100.0	99.9	
						RPD = 2.16	
11 Endosulfan II							
1	5.209	5.209	0.000	9597531	100.0	95.5	
2	4.369	4.369	0.000	12324872	100.0	99.7	
						RPD = 4.27	
21 4,4'-DDT							
1	5.339	5.339	0.000	6733672	100.0	86.9	
2	4.496	4.496	0.000	9828796	100.0	89.1	
						RPD = 2.47	
5 Endrin aldehyde							
1	5.434	5.434	0.000	8509238	100.0	97.6	
2	4.769	4.769	0.000	10603604	100.0	95.9	
						RPD = 1.68	
3 Endosulfan sulfate							
1	5.635	5.635	0.000	9103596	100.0	98.1	
2	4.934	4.934	0.000	5506694	100.0	93.2	
						RPD = 5.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.869	0.000	4119667	100.0	100.2	
2	5.078	5.078	0.000	10277020	100.0	100.9	
						RPD = 0.71	
13 Endrin ketone							
1	6.105	6.105	0.000	11619009	100.0	106.2	
2	5.271	5.271	0.000	12357284	100.0	99.5	
						RPD = 6.51	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	10849405	100.0	104.3	
2	6.069	6.069	0.000	11805791	100.0	101.9	
						RPD = 2.27	

QC Flag Legend

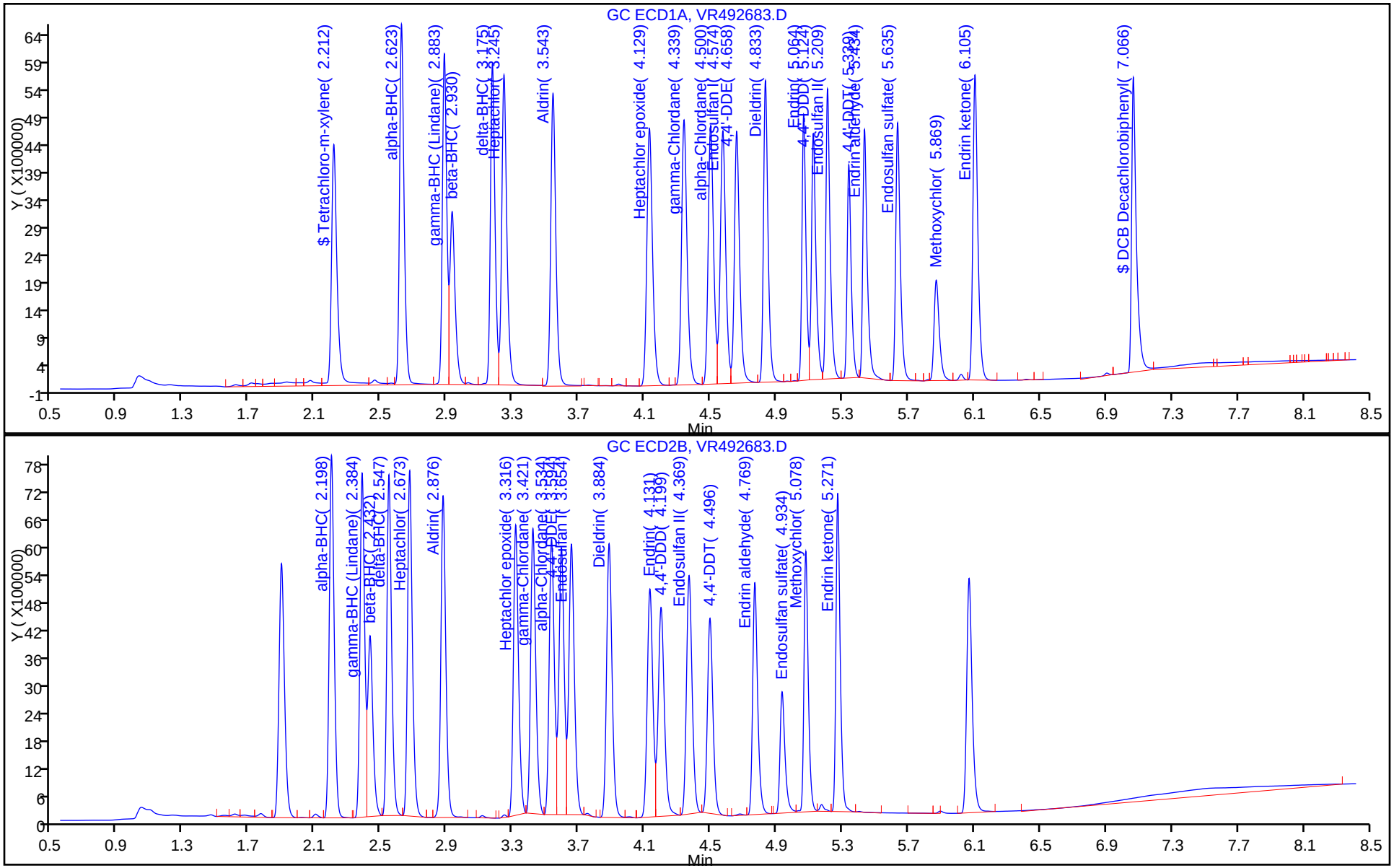
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492683.D

Injection Date:	20-Jun-2014 11:38:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

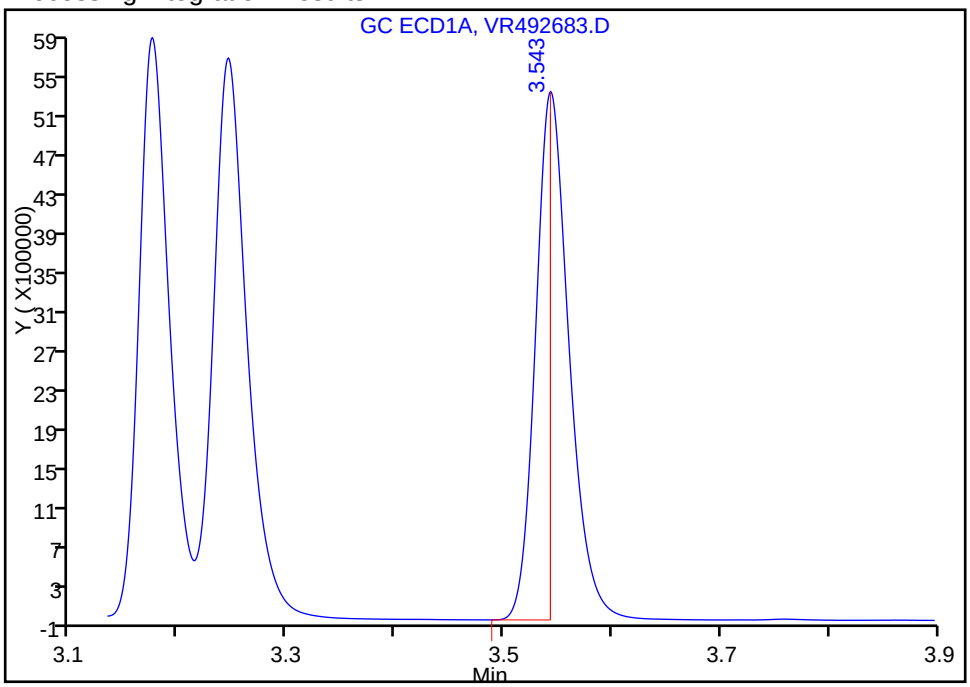
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492683.D
Injection Date: 20-Jun-2014 11:38:17 Instrument ID: CPESTGC9
Lims ID: CCVRT
Client ID:
Operator ID: 615 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2

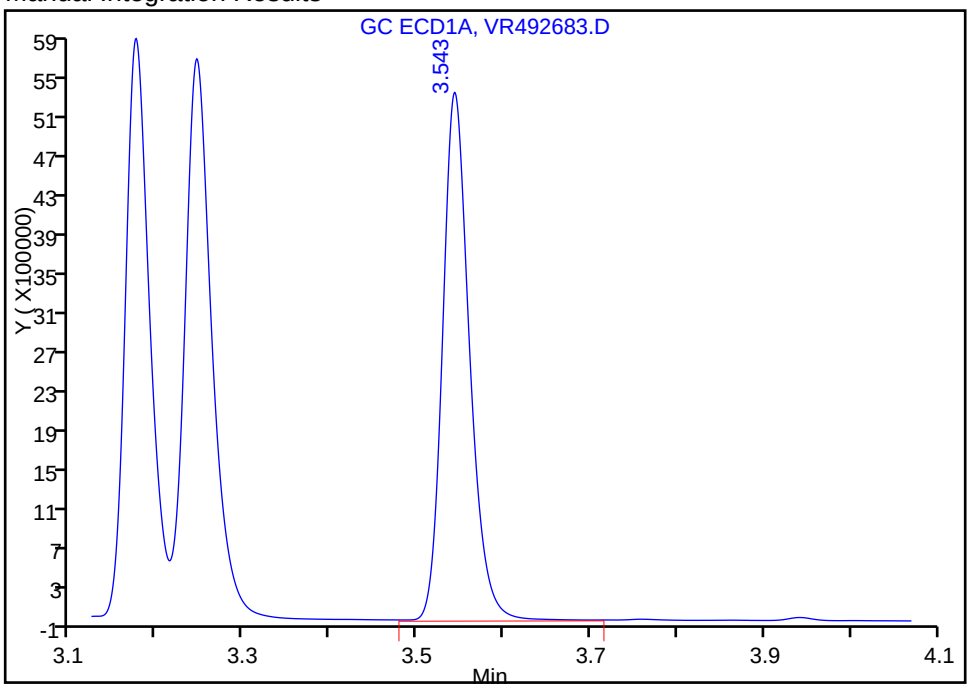
Processing Integration Results

RT: 3.54
Response: 4977453
Amount: 44.583904



Manual Integration Results

RT: 3.54
Response: 11668938
Amount: 103.1483



Reviewer: foleysont, 20-Jun-2014 13:27:31
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-231911/1 Calibration Date: 06/20/2014 11:38

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492683.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	156062	162899		104	100	4.4	20.0
gamma-BHC (Lindane)	Ave	140535	147169		105	100	4.7	20.0
beta-BHC	Ave	85357	84433		98.9	100	-1.1	20.0
delta-BHC	Ave	142588	147682		104	100	3.6	20.0
Heptachlor	Ave	158006	152142		96.3	100	-3.7	20.0
Aldrin	Qua		144965		109	100	8.8	20.0
Heptachlor epoxide	Ave	145091	134293		92.6	100	-7.4	20.0
gamma-Chlordane	Ave	139351	134576		96.6	100	-3.4	20.0
alpha-Chlordane	Ave	133169	128382		96.4	100	-3.6	20.0
4,4'-DDE	Ave	130296	128822		98.9	100	-1.1	20.0
Endosulfan I	Ave	142548	137690		96.6	100	-3.4	20.0
Dieldrin	Ave	141564	138192		97.6	100	-2.4	20.0
Endrin	Ave	120518	116514		96.7	100	-3.3	20.0
4,4'-DDD	Ave	118918	118754		99.9	100	-0.1	20.0
Endosulfan II	Ave	123630	123249		99.7	100	-0.3	20.0
4,4'-DDT	Ave	110317	98288		89.1	100	-10.9	20.0
Endrin aldehyde	Ave	110521	106036		95.9	100	-4.1	20.0
Endosulfan sulfate	Ave	59074	55067		93.2	100	-6.8	20.0
Methoxychlor	Ave	101824	102770		101	100	0.9	20.0
Endrin ketone	Ave	124141	123573		99.5	100	-0.5	20.0
Tetrachloro-m-xylene	Ave	129262	127993		99.0	100	-1.0	20.0
DCB Decachlorobiphenyl	Qua		118058		102	100	1.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-231911/1 Calibration Date: 06/20/2014 11:38

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492683.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.20	2.15	2.25
gamma-BHC (Lindane)	2.38	2.33	2.43
beta-BHC	2.43	2.38	2.48
delta-BHC	2.55	2.50	2.60
Heptachlor	2.67	2.62	2.72
Aldrin	2.88	2.83	2.93
Heptachlor epoxide	3.32	3.25	3.39
gamma-Chlordane	3.42	3.35	3.49
alpha-Chlordane	3.53	3.46	3.60
4,4'-DDE	3.59	3.52	3.66
Endosulfan I	3.65	3.58	3.72
Dieldrin	3.88	3.81	3.95
Endrin	4.13	4.06	4.20
4,4'-DDD	4.20	4.13	4.27
Endosulfan II	4.37	4.30	4.44
4,4'-DDT	4.50	4.43	4.57
Endrin aldehyde	4.77	4.70	4.84
Endosulfan sulfate	4.93	4.86	5.00
Methoxychlor	5.08	5.01	5.15
Endrin ketone	5.27	5.20	5.34
Tetrachloro-m-xylene	1.89	1.84	1.94
DCB Decachlorobiphenyl	6.07	5.97	6.17

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492683.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 20-Jun-2014 11:38:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:49 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 20-Jun-2014 13:25:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.212	2.212	0.000	10486681	100.0	97.4	
2	1.894	1.894	0.000	12799293	100.0	99.0	
						RPD = 1.63	
15 alpha-BHC							
1	2.623	2.623	0.000	12674185	100.0	103.7	
2	2.198	2.198	0.000	16289939	100.0	104.4	
						RPD = 0.61	
2 gamma-BHC (Lindane)							
1	2.883	2.883	0.000	11248761	100.0	107.4	
2	2.384	2.384	0.000	14716947	100.0	104.7	
						RPD = 2.52	
6 beta-BHC							
1	2.930	2.930	0.000	6979678	100.0	106.5	
2	2.432	2.432	0.000	8443298	100.0	98.9	
						RPD = 7.42	
32 delta-BHC							
1	3.175	3.175	0.000	11415750	100.0	106.8	
2	2.547	2.547	0.000	14768228	100.0	103.6	
						RPD = 3.04	
18 Heptachlor							
1	3.245	3.245	0.000	12370107	100.0	99.2	
2	2.673	2.673	0.000	15214224	100.0	96.3	
						RPD = 2.96	
8 Aldrin							M
1	3.543	3.543	0.000	11668938	100.0	103.1	M
2	2.876	2.876	0.000	14496491	100.0	108.8	
						RPD = 5.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.129	4.129	0.000	11444427	100.0	100.7	
2	3.316	3.316	0.000	13429258	100.0	92.6	
						RPD = 8.42	
9 gamma-Chlordane							
1	4.339	4.339	0.000	11427746	100.0	104.3	
2	3.421	3.421	0.000	13457611	100.0	96.6	
						RPD = 7.74	
23 alpha-Chlordane							
1	4.500	4.500	0.000	10807014	100.0	102.9	
2	3.534	3.534	0.000	12838156	100.0	96.4	
						RPD = 6.53	
7 Endosulfan I							
1	4.574	4.574	0.000	10777307	100.0	103.7	
2	3.654	3.654	0.000	13768976	100.0	96.6	
						RPD = 7.09	
25 4,4'-DDE							
1	4.658	4.658	0.000	10227876	100.0	101.7	
2	3.594	3.594	0.000	12882156	100.0	98.9	
						RPD = 2.87	
30 Dieldrin							
1	4.833	4.833	0.000	10567632	100.0	99.7	
2	3.884	3.884	0.000	13819221	100.0	97.6	
						RPD = 2.16	
20 Endrin							
1	5.064	5.064	0.000	8229672	100.0	95.4	
2	4.131	4.131	0.000	11651383	100.0	96.7	
						RPD = 1.32	
16 4,4'-DDD							
1	5.124	5.124	0.000	8582058	100.0	102.0	
2	4.199	4.199	0.000	11875436	100.0	99.9	
						RPD = 2.16	
11 Endosulfan II							
1	5.209	5.209	0.000	9597531	100.0	95.5	
2	4.369	4.369	0.000	12324872	100.0	99.7	
						RPD = 4.27	
21 4,4'-DDT							
1	5.339	5.339	0.000	6733672	100.0	86.9	
2	4.496	4.496	0.000	9828796	100.0	89.1	
						RPD = 2.47	
5 Endrin aldehyde							
1	5.434	5.434	0.000	8509238	100.0	97.6	
2	4.769	4.769	0.000	10603604	100.0	95.9	
						RPD = 1.68	
3 Endosulfan sulfate							
1	5.635	5.635	0.000	9103596	100.0	98.1	
2	4.934	4.934	0.000	5506694	100.0	93.2	
						RPD = 5.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.869	0.000	4119667	100.0	100.2	
2	5.078	5.078	0.000	10277020	100.0	100.9	
						RPD = 0.71	
13 Endrin ketone							
1	6.105	6.105	0.000	11619009	100.0	106.2	
2	5.271	5.271	0.000	12357284	100.0	99.5	
						RPD = 6.51	
$ 24 DCB Decachlorobiphenyl							
1	7.066	7.066	0.000	10849405	100.0	104.3	
2	6.069	6.069	0.000	11805791	100.0	101.9	
						RPD = 2.27	

QC Flag Legend

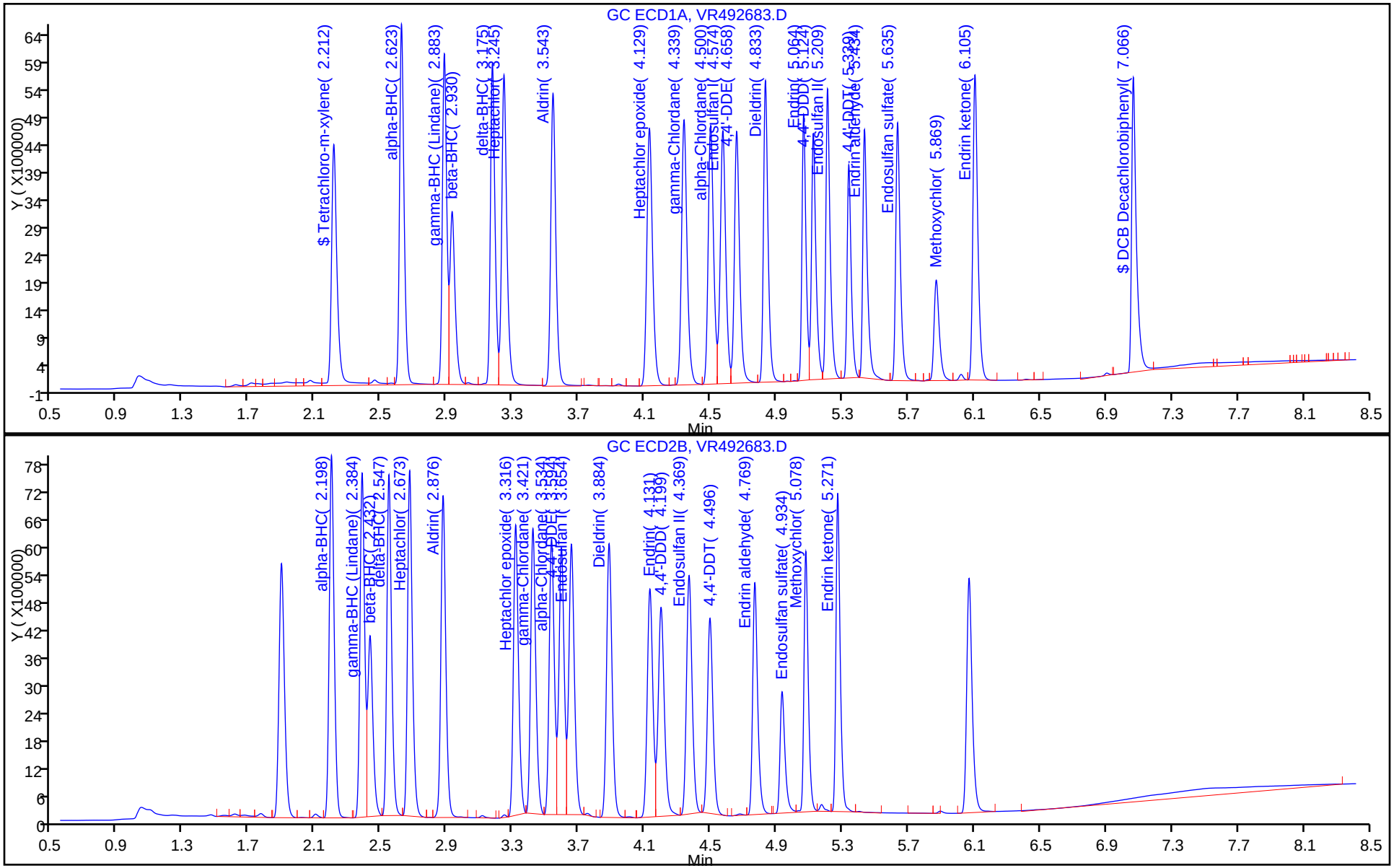
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492683.D

Injection Date:	20-Jun-2014 11:38:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-231911/25 Calibration Date: 06/20/2014 16:34

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492707.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	122166	125689		103	100	2.9	20.0
gamma-BHC (Lindane)	Ave	104742	111398		106	100	6.4	20.0
beta-BHC	Ave	65514	68506		105	100	4.6	20.0
delta-BHC	Ave	106921	112106		105	100	4.8	20.0
Heptachlor	Ave	124723	121248		97.2	100	-2.8	20.0
Aldrin	Qua		112894		99.8	100	-0.2	20.0
Heptachlor epoxide	Ave	113658	112098		98.6	100	-1.4	20.0
gamma-Chlordane	Ave	109515	111391		102	100	1.7	20.0
alpha-Chlordane	Ave	105009	105451		100	100	0.4	20.0
Endosulfan I	Ave	103935	105857		102	100	1.8	20.0
4,4'-DDE	Ave	100521	100741		100	100	0.2	20.0
Dieldrin	Ave	105945	104675		98.8	100	-1.2	20.0
Endrin	Ave	86260	80675		93.5	100	-6.5	20.0
4,4'-DDD	Ave	84102	87653		104	100	4.2	20.0
Endosulfan II	Ave	100473	97598		97.1	100	-2.9	20.0
4,4'-DDT	Ave	77467	70493		91.0	100	-9.0	20.0
Endrin aldehyde	Ave	87217	87227		100	100	0.0	20.0
Endosulfan sulfate	Ave	92790	89196		96.1	100	-3.9	20.0
Methoxychlor	Ave	41110	41214		100	100	0.3	20.0
Endrin ketone	Ave	109365	115499		106	100	5.6	20.0
Tetrachloro-m-xylene	Ave	107645	103615		96.3	100	-3.7	20.0
DCB Decachlorobiphenyl	Qua		106913		103	100	2.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-231911/25 Calibration Date: 06/20/2014 16:34

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492707.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.62	2.57	2.67
gamma-BHC (Lindane)	2.88	2.83	2.93
beta-BHC	2.93	2.88	2.98
delta-BHC	3.18	3.13	3.23
Heptachlor	3.25	3.20	3.30
Aldrin	3.54	3.49	3.59
Heptachlor epoxide	4.13	4.06	4.20
gamma-Chlordane	4.34	4.27	4.41
alpha-Chlordane	4.50	4.43	4.57
Endosulfan I	4.57	4.50	4.64
4,4'-DDE	4.66	4.59	4.73
Dieldrin	4.83	4.76	4.90
Endrin	5.06	4.99	5.13
4,4'-DDD	5.12	5.05	5.19
Endosulfan II	5.21	5.14	5.28
4,4'-DDT	5.34	5.27	5.41
Endrin aldehyde	5.43	5.36	5.50
Endosulfan sulfate	5.64	5.57	5.71
Methoxychlor	5.87	5.80	5.94
Endrin ketone	6.10	6.03	6.17
Tetrachloro-m-xylene	2.21	2.16	2.26
DCB Decachlorobiphenyl	7.07	6.97	7.17

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492707.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 20-Jun-2014 16:34:23 ALS Bottle#: 50 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:53:17 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.213	2.213	0.000	10361506	100.0	96.3	
2	1.895	1.895	0.000	12486959	100.0	96.6	
						RPD = 0.36	
15 alpha-BHC							
1	2.623	2.623	0.000	12568893	100.0	102.9	
2	2.198	2.198	0.000	15729130	100.0	100.8	
						RPD = 2.06	
2 gamma-BHC (Lindane)							
1	2.883	2.883	0.000	11139786	100.0	106.4	
2	2.384	2.384	0.000	14065654	100.0	100.1	
						RPD = 6.07	
6 beta-BHC							
1	2.931	2.931	0.000	6850574	100.0	104.6	
2	2.433	2.433	0.000	8020928	100.0	94.0	
						RPD = 10.68	
32 delta-BHC							
1	3.175	3.175	0.000	11210571	100.0	104.8	
2	2.548	2.548	0.000	13992844	100.0	98.1	
						RPD = 6.62	
18 Heptachlor							
1	3.245	3.245	0.000	12124763	100.0	97.2	
2	2.673	2.673	0.000	14290949	100.0	90.4	
						RPD = 7.21	
8 Aldrin							
1	3.543	3.543	0.000	11289408	100.0	99.8	
2	2.876	2.876	0.000	13520844	100.0	101.8	
						RPD = 1.97	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.128	4.128	0.000	11209799	100.0	98.6	
2	3.317	3.317	0.000	12950060	100.0	89.3	
						RPD = 9.98	
9 gamma-Chlordane							
1	4.338	4.338	0.000	11139081	100.0	101.7	
2	3.421	3.421	0.000	13048389	100.0	93.6	
						RPD = 8.27	
23 alpha-Chlordane							
1	4.499	4.499	0.000	10545057	100.0	100.4	
2	3.534	3.534	0.000	12525253	100.0	94.1	
						RPD = 6.55	
7 Endosulfan I							
1	4.573	4.573	0.000	10585705	100.0	101.8	
2	3.654	3.654	0.000	13402139	100.0	94.0	
						RPD = 8.00	
25 4,4'-DDE							
1	4.658	4.658	0.000	10074109	100.0	100.2	
2	3.594	3.594	0.000	12507209	100.0	96.0	
						RPD = 4.31	
30 Dieldrin							
1	4.832	4.832	0.000	10467546	100.0	98.8	
2	3.883	3.883	0.000	13559758	100.0	95.8	
						RPD = 3.10	
20 Endrin							
1	5.064	5.064	0.000	8067537	100.0	93.5	
2	4.131	4.131	0.000	11326727	100.0	94.0	
						RPD = 0.49	
16 4,4'-DDD							
1	5.123	5.123	0.000	8765340	100.0	104.2	
2	4.198	4.198	0.000	11886565	100.0	100.0	
						RPD = 4.18	
11 Endosulfan II							
1	5.209	5.209	0.000	9759827	100.0	97.1	
2	4.368	4.368	0.000	12199370	100.0	98.7	
						RPD = 1.57	
21 4,4'-DDT							
1	5.338	5.338	0.000	7049288	100.0	91.0	
2	4.495	4.495	0.000	9705326	100.0	88.0	
						RPD = 3.38	
5 Endrin aldehyde							
1	5.433	5.433	0.000	8722728	100.0	100.0	
2	4.768	4.768	0.000	10735183	100.0	97.1	
						RPD = 2.92	
3 Endosulfan sulfate							
1	5.635	5.635	0.000	8919603	100.0	96.1	
2	4.933	4.933	0.000	5869654	100.0	99.4	
						RPD = 3.31	

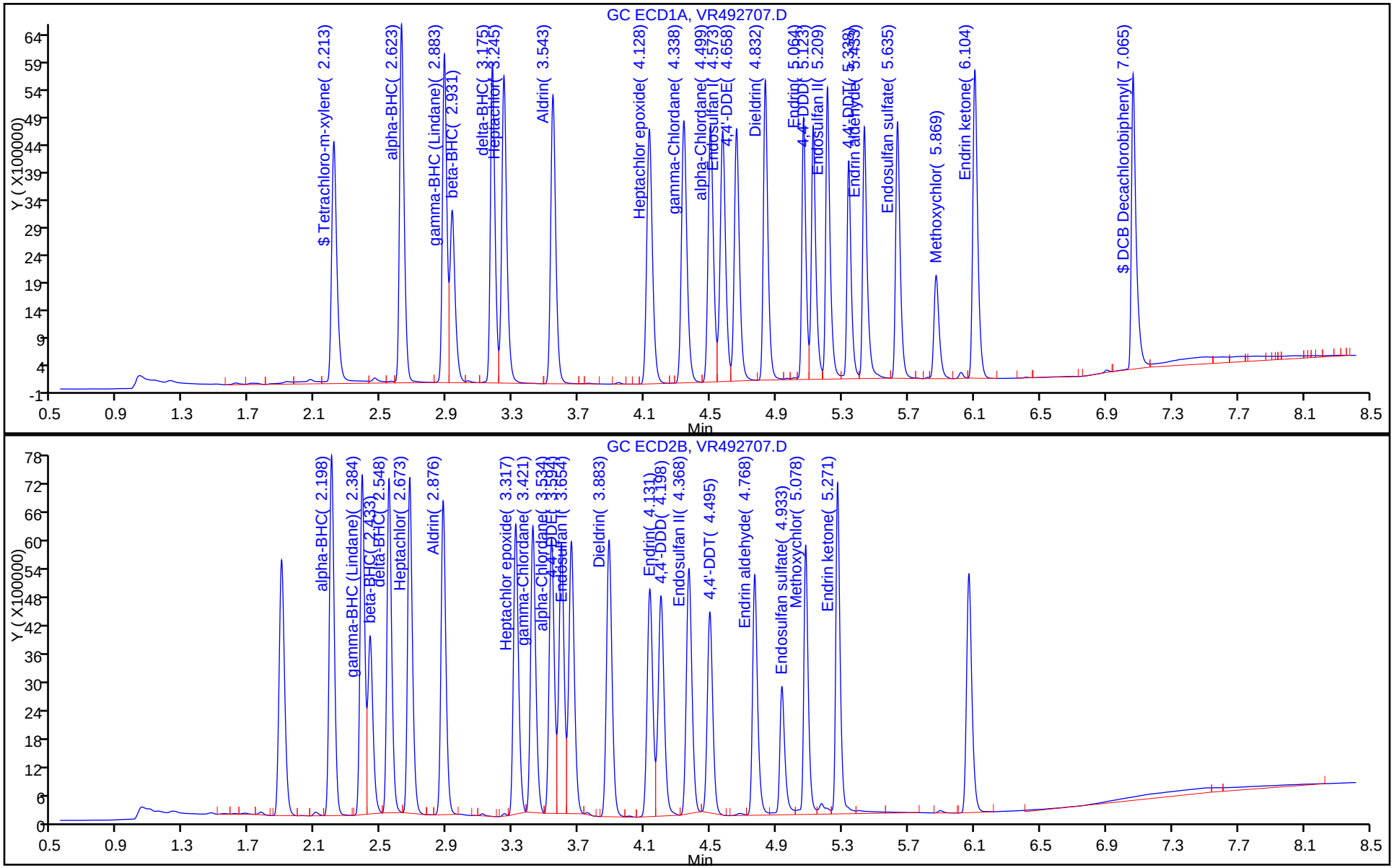
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.869	0.000	4121385	100.0	100.3	
2	5.078	5.078	0.000	10663472	100.0	104.7	
						RPD = 4.36	
13 Endrin ketone							
1	6.104	6.104	0.000	11549877	100.0	105.6	
2	5.271	5.271	0.000	12858294	100.0	103.6	
						RPD = 1.94	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.065	0.000	10691283	100.0	102.6	
2	6.068	6.068	0.000	11435678	100.0	98.1	
						RPD = 4.46	

Report Date: 22-Jun-2014 12:53:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492707.D

Injection Date:	20-Jun-2014 16:34:23	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	25
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-231911/25 Calibration Date: 06/20/2014 16:34

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492707.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	156062	157291		101	100	0.8	20.0
gamma-BHC (Lindane)	Ave	140535	140657		100	100	0.0	20.0
beta-BHC	Ave	85357	80209		94.0	100	-6.0	20.0
delta-BHC	Ave	142588	139928		98.1	100	-1.9	20.0
Heptachlor	Ave	158006	142909		90.4	100	-9.6	20.0
Aldrin	Qua		135208		102	100	1.8	20.0
Heptachlor epoxide	Ave	145091	129501		89.3	100	-10.7	20.0
gamma-Chlordane	Ave	139351	130484		93.6	100	-6.4	20.0
alpha-Chlordane	Ave	133169	125253		94.1	100	-5.9	20.0
4,4'-DDE	Ave	130296	125072		96.0	100	-4.0	20.0
Endosulfan I	Ave	142548	134021		94.0	100	-6.0	20.0
Dieldrin	Ave	141564	135598		95.8	100	-4.2	20.0
Endrin	Ave	120518	113267		94.0	100	-6.0	20.0
4,4'-DDD	Ave	118918	118866		100	100	-0.0	20.0
Endosulfan II	Ave	123630	121994		98.7	100	-1.3	20.0
4,4'-DDT	Ave	110317	97053		88.0	100	-12.0	20.0
Endrin aldehyde	Ave	110521	107352		97.1	100	-2.9	20.0
Endosulfan sulfate	Ave	59074	58697		99.4	100	-0.6	20.0
Methoxychlor	Ave	101824	106635		105	100	4.7	20.0
Endrin ketone	Ave	124141	128583		104	100	3.6	20.0
Tetrachloro-m-xylene	Ave	129262	124870		96.6	100	-3.4	20.0
DCB Decachlorobiphenyl	Qua		114357		98.1	100	-1.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-231911/25 Calibration Date: 06/20/2014 16:34

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492707.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.20	2.15	2.25
gamma-BHC (Lindane)	2.38	2.33	2.43
beta-BHC	2.43	2.38	2.48
delta-BHC	2.55	2.50	2.60
Heptachlor	2.67	2.62	2.72
Aldrin	2.88	2.83	2.93
Heptachlor epoxide	3.32	3.25	3.39
gamma-Chlordane	3.42	3.35	3.49
alpha-Chlordane	3.53	3.46	3.60
4,4'-DDE	3.59	3.52	3.66
Endosulfan I	3.65	3.58	3.72
Dieldrin	3.88	3.81	3.95
Endrin	4.13	4.06	4.20
4,4'-DDD	4.20	4.13	4.27
Endosulfan II	4.37	4.30	4.44
4,4'-DDT	4.50	4.43	4.57
Endrin aldehyde	4.77	4.70	4.84
Endosulfan sulfate	4.93	4.86	5.00
Methoxychlor	5.08	5.01	5.15
Endrin ketone	5.27	5.20	5.34
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	6.07	5.97	6.17

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492707.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 20-Jun-2014 16:34:23 ALS Bottle#: 50 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:53:17 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.213	2.213	0.000	10361506	100.0	96.3	
2	1.895	1.895	0.000	12486959	100.0	96.6	
						RPD = 0.36	
15 alpha-BHC							
1	2.623	2.623	0.000	12568893	100.0	102.9	
2	2.198	2.198	0.000	15729130	100.0	100.8	
						RPD = 2.06	
2 gamma-BHC (Lindane)							
1	2.883	2.883	0.000	11139786	100.0	106.4	
2	2.384	2.384	0.000	14065654	100.0	100.1	
						RPD = 6.07	
6 beta-BHC							
1	2.931	2.931	0.000	6850574	100.0	104.6	
2	2.433	2.433	0.000	8020928	100.0	94.0	
						RPD = 10.68	
32 delta-BHC							
1	3.175	3.175	0.000	11210571	100.0	104.8	
2	2.548	2.548	0.000	13992844	100.0	98.1	
						RPD = 6.62	
18 Heptachlor							
1	3.245	3.245	0.000	12124763	100.0	97.2	
2	2.673	2.673	0.000	14290949	100.0	90.4	
						RPD = 7.21	
8 Aldrin							
1	3.543	3.543	0.000	11289408	100.0	99.8	
2	2.876	2.876	0.000	13520844	100.0	101.8	
						RPD = 1.97	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.128	4.128	0.000	11209799	100.0	98.6	
2	3.317	3.317	0.000	12950060	100.0	89.3	
						RPD = 9.98	
9 gamma-Chlordane							
1	4.338	4.338	0.000	11139081	100.0	101.7	
2	3.421	3.421	0.000	13048389	100.0	93.6	
						RPD = 8.27	
23 alpha-Chlordane							
1	4.499	4.499	0.000	10545057	100.0	100.4	
2	3.534	3.534	0.000	12525253	100.0	94.1	
						RPD = 6.55	
7 Endosulfan I							
1	4.573	4.573	0.000	10585705	100.0	101.8	
2	3.654	3.654	0.000	13402139	100.0	94.0	
						RPD = 8.00	
25 4,4'-DDE							
1	4.658	4.658	0.000	10074109	100.0	100.2	
2	3.594	3.594	0.000	12507209	100.0	96.0	
						RPD = 4.31	
30 Dieldrin							
1	4.832	4.832	0.000	10467546	100.0	98.8	
2	3.883	3.883	0.000	13559758	100.0	95.8	
						RPD = 3.10	
20 Endrin							
1	5.064	5.064	0.000	8067537	100.0	93.5	
2	4.131	4.131	0.000	11326727	100.0	94.0	
						RPD = 0.49	
16 4,4'-DDD							
1	5.123	5.123	0.000	8765340	100.0	104.2	
2	4.198	4.198	0.000	11886565	100.0	100.0	
						RPD = 4.18	
11 Endosulfan II							
1	5.209	5.209	0.000	9759827	100.0	97.1	
2	4.368	4.368	0.000	12199370	100.0	98.7	
						RPD = 1.57	
21 4,4'-DDT							
1	5.338	5.338	0.000	7049288	100.0	91.0	
2	4.495	4.495	0.000	9705326	100.0	88.0	
						RPD = 3.38	
5 Endrin aldehyde							
1	5.433	5.433	0.000	8722728	100.0	100.0	
2	4.768	4.768	0.000	10735183	100.0	97.1	
						RPD = 2.92	
3 Endosulfan sulfate							
1	5.635	5.635	0.000	8919603	100.0	96.1	
2	4.933	4.933	0.000	5869654	100.0	99.4	
						RPD = 3.31	

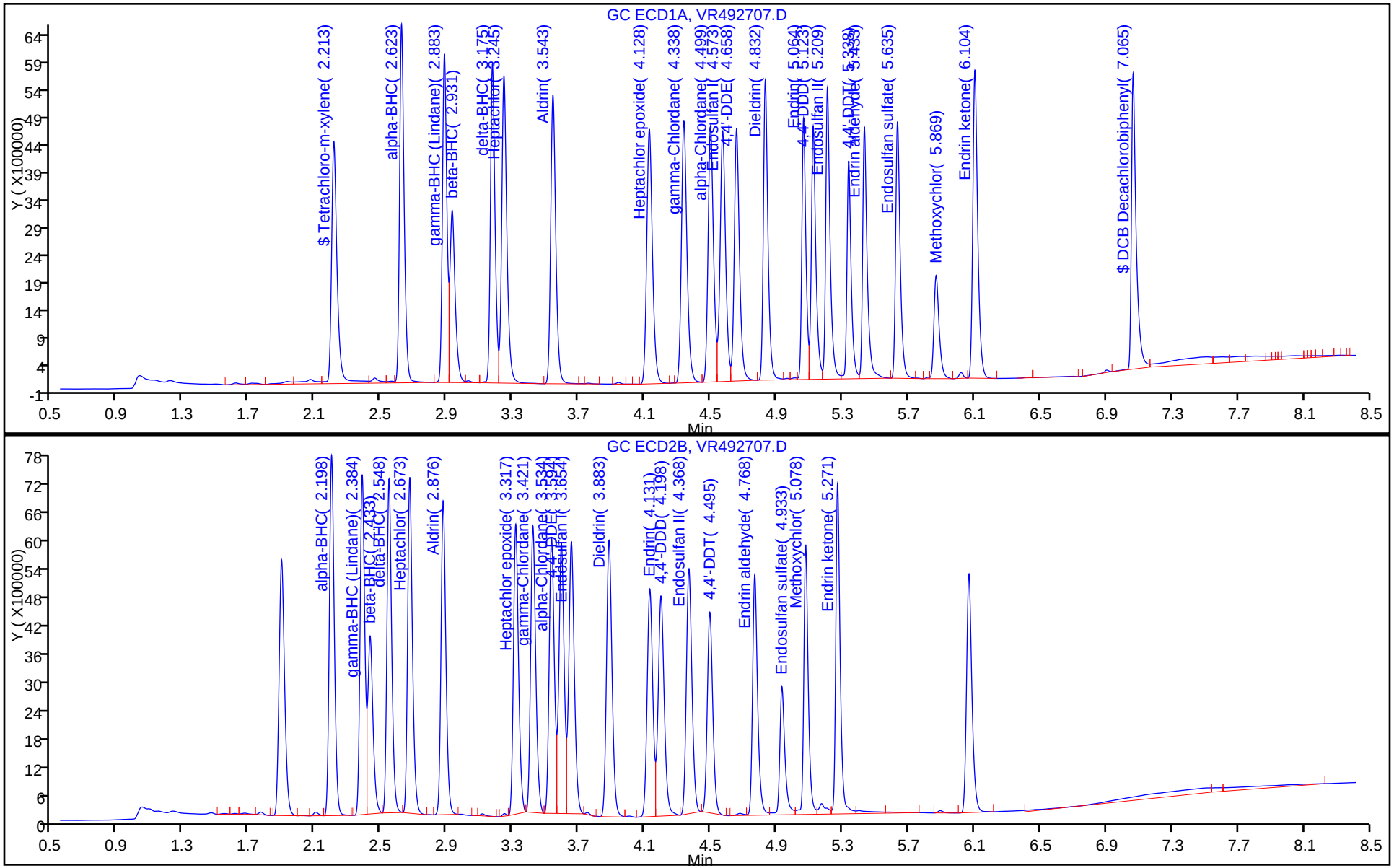
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.869	5.869	0.000	4121385	100.0	100.3	
2	5.078	5.078	0.000	10663472	100.0	104.7	
						RPD = 4.36	
13 Endrin ketone							
1	6.104	6.104	0.000	11549877	100.0	105.6	
2	5.271	5.271	0.000	12858294	100.0	103.6	
						RPD = 1.94	
$ 24 DCB Decachlorobiphenyl							
1	7.065	7.065	0.000	10691283	100.0	102.6	
2	6.068	6.068	0.000	11435678	100.0	98.1	
						RPD = 4.46	

Report Date: 22-Jun-2014 12:53:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492707.D

Injection Date:	20-Jun-2014 16:34:23	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	25
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-232099/20 Calibration Date: 06/21/2014 15:58

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492731.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	122166	120425		98.6	100	-1.4	20.0
gamma-BHC (Lindane)	Ave	104742	106595		102	100	1.8	20.0
beta-BHC	Ave	65514	66829		102	100	2.0	20.0
delta-BHC	Ave	106921	103533		96.8	100	-3.2	20.0
Heptachlor	Ave	124723	118510		95.0	100	-5.0	20.0
Aldrin	Qua		109724		97.1	100	-2.9	20.0
Heptachlor epoxide	Ave	113658	109568		96.4	100	-3.6	20.0
gamma-Chlordane	Ave	109515	108269		98.9	100	-1.1	20.0
alpha-Chlordane	Ave	105009	102570		97.7	100	-2.3	20.0
Endosulfan I	Ave	103935	102441		98.6	100	-1.4	20.0
4,4'-DDE	Ave	100521	98978		98.5	100	-1.5	20.0
Dieldrin	Ave	105945	101098		95.4	100	-4.6	20.0
Endrin	Ave	86260	80282		93.1	100	-6.9	20.0
4,4'-DDD	Ave	84102	81932		97.4	100	-2.6	20.0
Endosulfan II	Ave	100473	91709		91.3	100	-8.7	20.0
4,4'-DDT	Ave	77467	65913		85.1	100	-14.9	20.0
Endrin aldehyde	Ave	87217	78316		89.8	100	-10.2	20.0
Endosulfan sulfate	Ave	92790	84787		91.4	100	-8.6	20.0
Methoxychlor	Ave	41110	41980		102	100	2.1	20.0
Endrin ketone	Ave	109365	98778		90.3	100	-9.7	20.0
Tetrachloro-m-xylene	Ave	107645	103697		96.3	100	-3.7	20.0
DCB Decachlorobiphenyl	Qua		105833		101	100	1.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-232099/20 Calibration Date: 06/21/2014 15:58

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492731.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.62	2.57	2.67
gamma-BHC (Lindane)	2.88	2.83	2.93
beta-BHC	2.93	2.88	2.98
delta-BHC	3.17	3.12	3.22
Heptachlor	3.24	3.19	3.29
Aldrin	3.54	3.49	3.59
Heptachlor epoxide	4.12	4.05	4.19
gamma-Chlordane	4.33	4.26	4.40
alpha-Chlordane	4.50	4.43	4.57
Endosulfan I	4.57	4.50	4.64
4,4'-DDE	4.65	4.58	4.72
Dieldrin	4.83	4.76	4.90
Endrin	5.06	4.99	5.13
4,4'-DDD	5.12	5.05	5.19
Endosulfan II	5.21	5.14	5.28
4,4'-DDT	5.34	5.27	5.41
Endrin aldehyde	5.43	5.36	5.50
Endosulfan sulfate	5.63	5.56	5.70
Methoxychlor	5.87	5.80	5.94
Endrin ketone	6.10	6.03	6.17
Tetrachloro-m-xylene	2.21	2.16	2.26
DCB Decachlorobiphenyl	7.06	6.96	7.16

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492731.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 21-Jun-2014 15:58:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:54:01 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.209	2.209	0.000	10369677	100.0	96.3	
2	1.891	1.891	0.000	12465453	100.0	96.4	
						RPD = 0.11	
15 alpha-BHC							
1	2.620	2.620	0.000	12042511	100.0	98.6	
2	2.194	2.194	0.000	15403281	100.0	98.7	
						RPD = 0.13	
2 gamma-BHC (Lindane)							
1	2.880	2.880	0.000	10659546	100.0	101.8	
2	2.381	2.381	0.000	13859643	100.0	98.6	
						RPD = 3.14	
6 beta-BHC							
1	2.927	2.927	0.000	6682893	100.0	102.0	
2	2.429	2.429	0.000	8109384	100.0	95.0	
						RPD = 7.11	
32 delta-BHC							
1	3.171	3.171	0.000	10353327	100.0	96.8	
2	2.544	2.544	0.000	13338158	100.0	93.5	
						RPD = 3.45	
18 Heptachlor							
1	3.241	3.241	0.000	11851008	100.0	95.0	
2	2.669	2.669	0.000	14441542	100.0	91.4	
						RPD = 3.88	
8 Aldrin							
1	3.539	3.539	0.000	10972411	100.0	97.1	
2	2.872	2.872	0.000	13643247	100.0	102.7	
						RPD = 5.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.123	4.123	0.000	10956832	100.0	96.4	
2	3.312	3.312	0.000	13241332	100.0	91.3	
						RPD = 5.48	
9 gamma-Chlordane							
1	4.334	4.334	0.000	10826941	100.0	98.9	
2	3.416	3.416	0.000	13353474	100.0	95.8	
						RPD = 3.12	
23 alpha-Chlordane							
1	4.495	4.495	0.000	10257014	100.0	97.7	
2	3.529	3.529	0.000	12843303	100.0	96.4	
						RPD = 1.27	
7 Endosulfan I							
1	4.569	4.569	0.000	10244143	100.0	98.6	
2	3.649	3.649	0.000	13754783	100.0	96.5	
						RPD = 2.12	
25 4,4'-DDE							
1	4.654	4.654	0.000	9897772	100.0	98.5	
2	3.589	3.589	0.000	12928160	100.0	99.2	
						RPD = 0.77	
30 Dieldrin							
1	4.829	4.829	0.000	10109753	100.0	95.4	
2	3.878	3.878	0.000	13862212	100.0	97.9	
						RPD = 2.58	
20 Endrin							
1	5.062	5.062	0.000	8028226	100.0	93.1	
2	4.125	4.125	0.000	11861368	100.0	98.4	
						RPD = 5.59	
16 4,4'-DDD							
1	5.120	5.120	0.000	8193232	100.0	97.4	
2	4.193	4.193	0.000	11841374	100.0	99.6	
						RPD = 2.19	
11 Endosulfan II							
1	5.207	5.207	0.000	9170861	100.0	91.3	
2	4.363	4.363	0.000	12329218	100.0	99.7	
						RPD = 8.85	
21 4,4'-DDT							
1	5.336	5.336	0.000	6591344	100.0	85.1	
2	4.490	4.490	0.000	10052750	100.0	91.1	
						RPD = 6.85	
5 Endrin aldehyde							
1	5.432	5.432	0.000	7831597	100.0	89.8	
2	4.764	4.764	0.000	10435619	100.0	94.4	
						RPD = 5.02	
3 Endosulfan sulfate							
1	5.632	5.632	0.000	8478740	100.0	91.4	
2	4.930	4.930	0.000	5639622	100.0	95.5	
						RPD = 4.38	

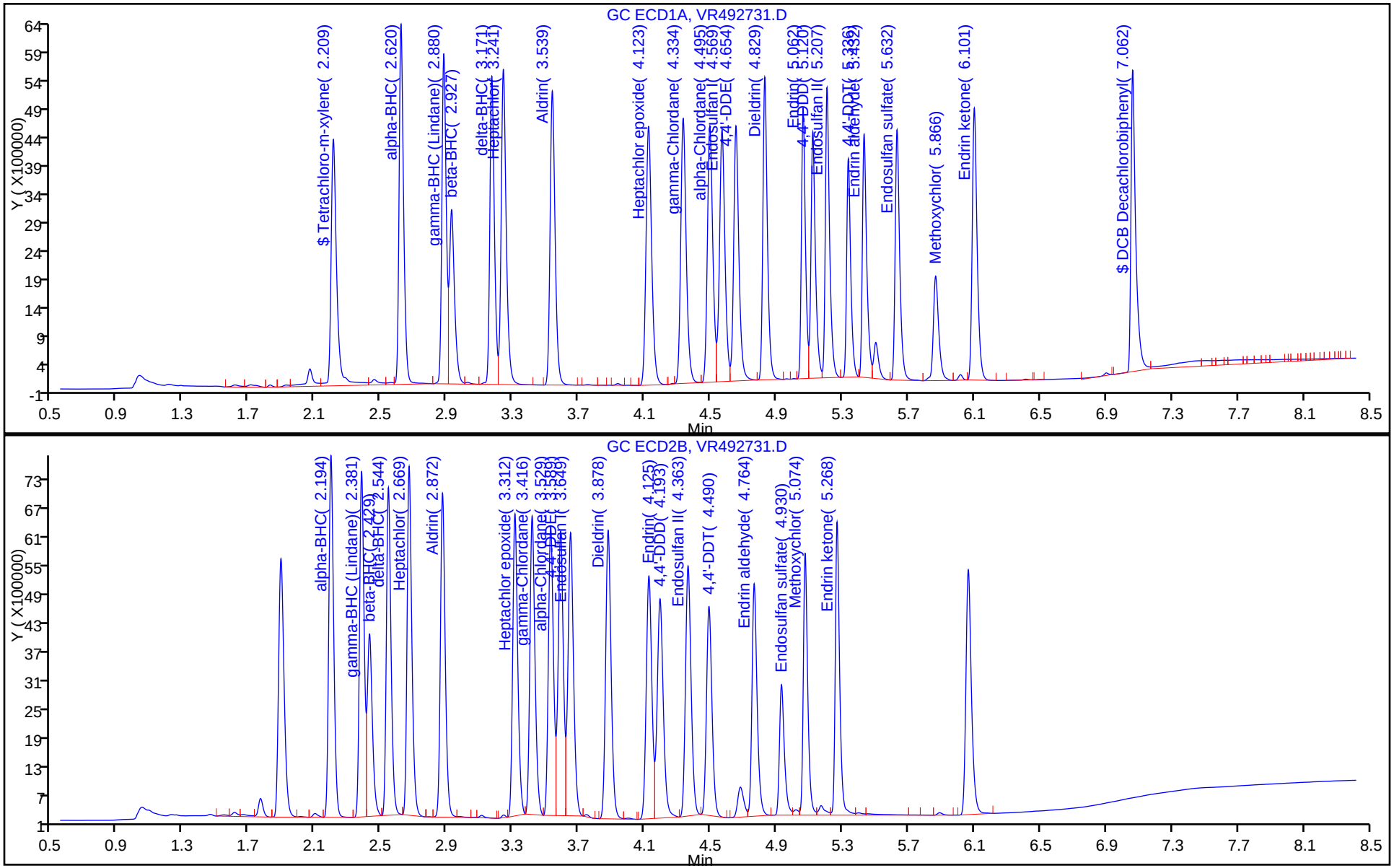
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.866	5.866	0.000	4198028	100.0	102.1	
2	5.074	5.074	0.000	10063616	100.0	98.8	
						RPD = 3.27	
13 Endrin ketone							
1	6.101	6.101	0.000	9877798	100.0	90.3	
2	5.268	5.268	0.000	11212233	100.0	90.3	
						RPD = 0.00	
$ 24 DCB Decachlorobiphenyl							
1	7.062	7.062	0.000	10583338	100.0	101.5	
2	6.064	6.064	0.000	11878014	100.0	102.6	
						RPD = 1.17	

Report Date: 22-Jun-2014 13:54:01 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492731.D

Injection Date:	21-Jun-2014 15:58:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVRT			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-232099/20 Calibration Date: 06/21/2014 15:58

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492731.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	156062	154033		98.7	100	-1.3	20.0
gamma-BHC (Lindane)	Ave	140535	138596		98.6	100	-1.4	20.0
beta-BHC	Ave	85357	81094		95.0	100	-5.0	20.0
delta-BHC	Ave	142588	133382		93.5	100	-6.5	20.0
Heptachlor	Ave	158006	144415		91.4	100	-8.6	20.0
Aldrin	Qua		136432		103	100	2.7	20.0
Heptachlor epoxide	Ave	145091	132413		91.3	100	-8.7	20.0
gamma-Chlordane	Ave	139351	133535		95.8	100	-4.2	20.0
alpha-Chlordane	Ave	133169	128433		96.4	100	-3.6	20.0
4,4'-DDE	Ave	130296	129282		99.2	100	-0.8	20.0
Endosulfan I	Ave	142548	137548		96.5	100	-3.5	20.0
Dieldrin	Ave	141564	138622		97.9	100	-2.1	20.0
Endrin	Ave	120518	118614		98.4	100	-1.6	20.0
4,4'-DDD	Ave	118918	118414		99.6	100	-0.4	20.0
Endosulfan II	Ave	123630	123292		99.7	100	-0.3	20.0
4,4'-DDT	Ave	110317	100528		91.1	100	-8.9	20.0
Endrin aldehyde	Ave	110521	104356		94.4	100	-5.6	20.0
Endosulfan sulfate	Ave	59074	56396		95.5	100	-4.5	20.0
Methoxychlor	Ave	101824	100636		98.8	100	-1.2	20.0
Endrin ketone	Ave	124141	112122		90.3	100	-9.7	20.0
Tetrachloro-m-xylene	Ave	129262	124655		96.4	100	-3.6	20.0
DCB Decachlorobiphenyl	Qua		118780		103	100	2.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCVRT 460-232099/20 Calibration Date: 06/21/2014 15:58

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492731.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.19	2.14	2.24
gamma-BHC (Lindane)	2.38	2.33	2.43
beta-BHC	2.43	2.38	2.48
delta-BHC	2.54	2.49	2.59
Heptachlor	2.67	2.62	2.72
Aldrin	2.87	2.82	2.92
Heptachlor epoxide	3.31	3.24	3.38
gamma-Chlordane	3.42	3.35	3.49
alpha-Chlordane	3.53	3.46	3.60
4,4'-DDE	3.59	3.52	3.66
Endosulfan I	3.65	3.58	3.72
Dieldrin	3.88	3.81	3.95
Endrin	4.13	4.06	4.20
4,4'-DDD	4.19	4.12	4.26
Endosulfan II	4.36	4.29	4.43
4,4'-DDT	4.49	4.42	4.56
Endrin aldehyde	4.76	4.69	4.83
Endosulfan sulfate	4.93	4.86	5.00
Methoxychlor	5.07	5.00	5.14
Endrin ketone	5.27	5.20	5.34
Tetrachloro-m-xylene	1.89	1.84	1.94
DCB Decachlorobiphenyl	6.06	5.96	6.16

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492731.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 21-Jun-2014 15:58:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:54:01 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.209	2.209	0.000	10369677	100.0	96.3	
2	1.891	1.891	0.000	12465453	100.0	96.4	
						RPD = 0.11	
15 alpha-BHC							
1	2.620	2.620	0.000	12042511	100.0	98.6	
2	2.194	2.194	0.000	15403281	100.0	98.7	
						RPD = 0.13	
2 gamma-BHC (Lindane)							
1	2.880	2.880	0.000	10659546	100.0	101.8	
2	2.381	2.381	0.000	13859643	100.0	98.6	
						RPD = 3.14	
6 beta-BHC							
1	2.927	2.927	0.000	6682893	100.0	102.0	
2	2.429	2.429	0.000	8109384	100.0	95.0	
						RPD = 7.11	
32 delta-BHC							
1	3.171	3.171	0.000	10353327	100.0	96.8	
2	2.544	2.544	0.000	13338158	100.0	93.5	
						RPD = 3.45	
18 Heptachlor							
1	3.241	3.241	0.000	11851008	100.0	95.0	
2	2.669	2.669	0.000	14441542	100.0	91.4	
						RPD = 3.88	
8 Aldrin							
1	3.539	3.539	0.000	10972411	100.0	97.1	
2	2.872	2.872	0.000	13643247	100.0	102.7	
						RPD = 5.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.123	4.123	0.000	10956832	100.0	96.4	
2	3.312	3.312	0.000	13241332	100.0	91.3	
						RPD = 5.48	
9 gamma-Chlordane							
1	4.334	4.334	0.000	10826941	100.0	98.9	
2	3.416	3.416	0.000	13353474	100.0	95.8	
						RPD = 3.12	
23 alpha-Chlordane							
1	4.495	4.495	0.000	10257014	100.0	97.7	
2	3.529	3.529	0.000	12843303	100.0	96.4	
						RPD = 1.27	
7 Endosulfan I							
1	4.569	4.569	0.000	10244143	100.0	98.6	
2	3.649	3.649	0.000	13754783	100.0	96.5	
						RPD = 2.12	
25 4,4'-DDE							
1	4.654	4.654	0.000	9897772	100.0	98.5	
2	3.589	3.589	0.000	12928160	100.0	99.2	
						RPD = 0.77	
30 Dieldrin							
1	4.829	4.829	0.000	10109753	100.0	95.4	
2	3.878	3.878	0.000	13862212	100.0	97.9	
						RPD = 2.58	
20 Endrin							
1	5.062	5.062	0.000	8028226	100.0	93.1	
2	4.125	4.125	0.000	11861368	100.0	98.4	
						RPD = 5.59	
16 4,4'-DDD							
1	5.120	5.120	0.000	8193232	100.0	97.4	
2	4.193	4.193	0.000	11841374	100.0	99.6	
						RPD = 2.19	
11 Endosulfan II							
1	5.207	5.207	0.000	9170861	100.0	91.3	
2	4.363	4.363	0.000	12329218	100.0	99.7	
						RPD = 8.85	
21 4,4'-DDT							
1	5.336	5.336	0.000	6591344	100.0	85.1	
2	4.490	4.490	0.000	10052750	100.0	91.1	
						RPD = 6.85	
5 Endrin aldehyde							
1	5.432	5.432	0.000	7831597	100.0	89.8	
2	4.764	4.764	0.000	10435619	100.0	94.4	
						RPD = 5.02	
3 Endosulfan sulfate							
1	5.632	5.632	0.000	8478740	100.0	91.4	
2	4.930	4.930	0.000	5639622	100.0	95.5	
						RPD = 4.38	

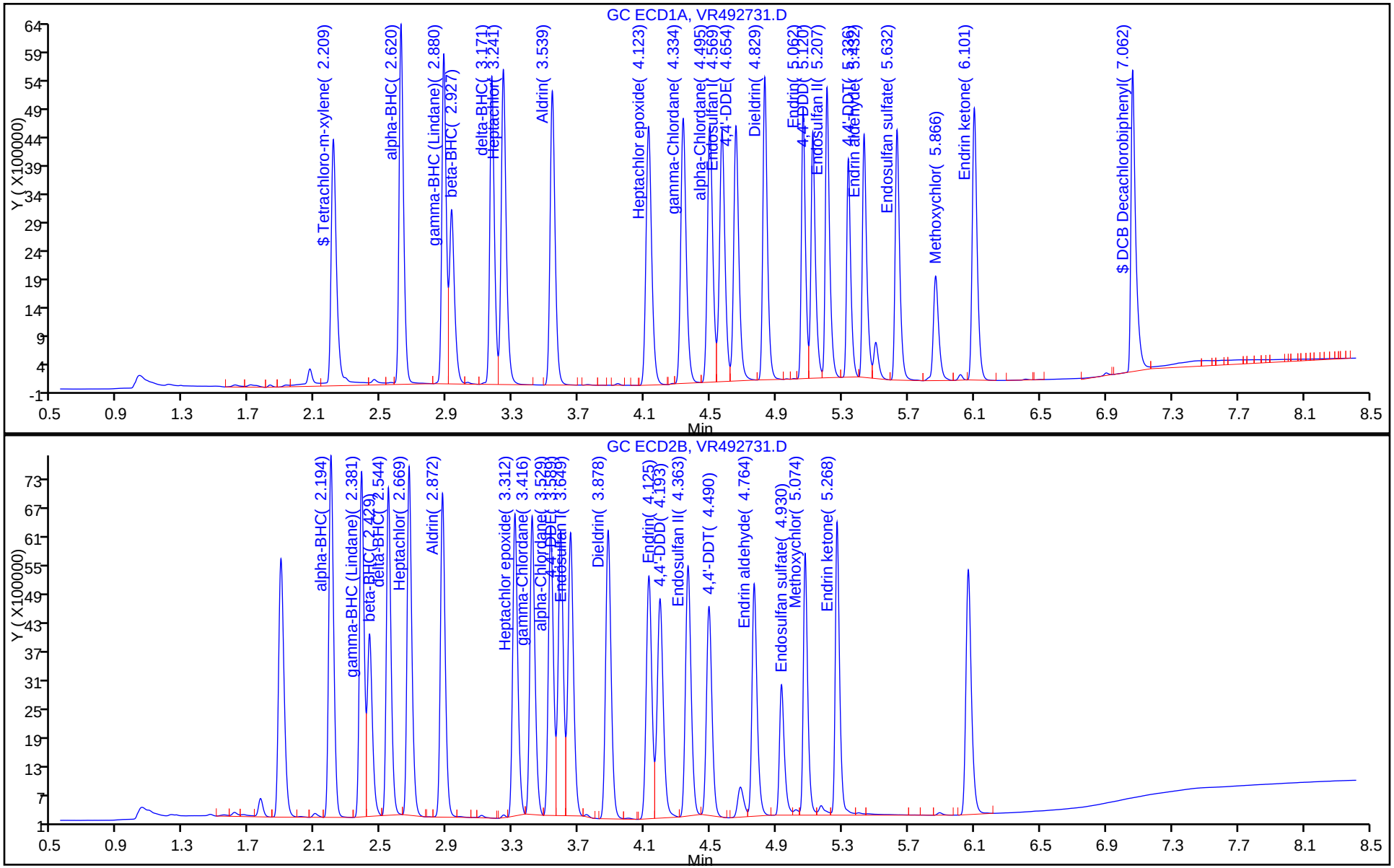
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.866	5.866	0.000	4198028	100.0	102.1	
2	5.074	5.074	0.000	10063616	100.0	98.8	
						RPD = 3.27	
13 Endrin ketone							
1	6.101	6.101	0.000	9877798	100.0	90.3	
2	5.268	5.268	0.000	11212233	100.0	90.3	
						RPD = 0.00	
$ 24 DCB Decachlorobiphenyl							
1	7.062	7.062	0.000	10583338	100.0	101.5	
2	6.064	6.064	0.000	11878014	100.0	102.6	
						RPD = 1.17	

Report Date: 22-Jun-2014 13:54:01 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492731.D

Injection Date:	21-Jun-2014 15:58:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVRT			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232099/43 Calibration Date: 06/21/2014 20:23

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492754.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	122166	125793		103	100	3.0	20.0
gamma-BHC (Lindane)	Ave	104742	111266		106	100	6.2	20.0
beta-BHC	Ave	65514	69621		106	100	6.3	20.0
delta-BHC	Ave	106921	110832		104	100	3.7	20.0
Heptachlor	Ave	124723	119107		95.5	100	-4.5	20.0
Aldrin	Qua		114399		101	100	1.2	20.0
Heptachlor epoxide	Ave	113658	113673		100	100	0.0	20.0
gamma-Chlordane	Ave	109515	113835		104	100	3.9	20.0
alpha-Chlordane	Ave	105009	107871		103	100	2.7	20.0
Endosulfan I	Ave	103935	107689		104	100	3.6	20.0
4,4'-DDE	Ave	100521	103956		103	100	3.4	20.0
Dieldrin	Ave	105945	106451		100	100	0.5	20.0
Endrin	Ave	86260	79789		92.5	100	-7.5	20.0
4,4'-DDD	Ave	84102	87161		104	100	3.6	20.0
Endosulfan II	Ave	100473	95678		95.2	100	-4.8	20.0
4,4'-DDT	Ave	77467	66850		86.3	100	-13.7	20.0
Endrin aldehyde	Ave	87217	84325		96.7	100	-3.3	20.0
Endosulfan sulfate	Ave	92790	89114		96.0	100	-4.0	20.0
Methoxychlor	Ave	41110	42255		103	100	2.8	20.0
Endrin ketone	Ave	109365	108675		99.4	100	-0.6	20.0
Tetrachloro-m-xylene	Ave	107645	106709		99.1	100	-0.9	20.0
DCB Decachlorobiphenyl	Qua		106100		102	100	1.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232099/43 Calibration Date: 06/21/2014 20:23

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492754.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.62	2.57	2.67
gamma-BHC (Lindane)	2.88	2.83	2.93
beta-BHC	2.93	2.88	2.98
delta-BHC	3.17	3.12	3.22
Heptachlor	3.24	3.19	3.29
Aldrin	3.54	3.49	3.59
Heptachlor epoxide	4.13	4.06	4.20
gamma-Chlordane	4.34	4.27	4.41
alpha-Chlordane	4.50	4.43	4.57
Endosulfan I	4.57	4.50	4.64
4,4'-DDE	4.66	4.59	4.73
Dieldrin	4.83	4.76	4.90
Endrin	5.06	4.99	5.13
4,4'-DDD	5.12	5.05	5.19
Endosulfan II	5.21	5.14	5.28
4,4'-DDT	5.34	5.27	5.41
Endrin aldehyde	5.43	5.36	5.50
Endosulfan sulfate	5.63	5.56	5.70
Methoxychlor	5.87	5.80	5.94
Endrin ketone	6.10	6.03	6.17
Tetrachloro-m-xylene	2.21	2.16	2.26
DCB Decachlorobiphenyl	7.06	6.96	7.16

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492754.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Jun-2014 20:23:21 ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:41 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:31:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.211	2.211	0.000	10670873	100.0	99.1	
2	1.894	1.894	0.000	12732875	100.0	98.5	
						RPD = 0.63	
15 alpha-BHC							
1	2.622	2.622	0.000	12579329	100.0	103.0	
2	2.197	2.197	0.000	15970080	100.0	102.3	
						RPD = 0.62	
2 gamma-BHC (Lindane)							
1	2.882	2.882	0.000	11126599	100.0	106.2	
2	2.383	2.383	0.000	14287669	100.0	101.7	
						RPD = 4.39	
6 beta-BHC							
1	2.929	2.929	0.000	6962126	100.0	106.3	
2	2.430	2.430	0.000	8289396	100.0	97.1	
						RPD = 9.00	
32 delta-BHC							
1	3.173	3.173	0.000	11083230	100.0	103.7	
2	2.545	2.545	0.000	14038100	100.0	98.5	
						RPD = 5.15	
18 Heptachlor							
1	3.244	3.244	0.000	11910658	100.0	95.5	
2	2.671	2.671	0.000	14566494	100.0	92.2	
						RPD = 3.52	
8 Aldrin							
1	3.541	3.541	0.000	11439946	100.0	101.2	
2	2.874	2.874	0.000	14170030	100.0	106.4	
						RPD = 5.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.125	4.125	0.000	11367276	100.0	100.0	
2	3.314	3.314	0.000	13683167	100.0	94.3	
						RPD = 5.87	
9 gamma-Chlordane							
1	4.335	4.335	0.000	11383513	100.0	103.9	
2	3.418	3.418	0.000	13905456	100.0	99.8	
						RPD = 4.08	
23 alpha-Chlordane							
1	4.497	4.497	0.000	10787110	100.0	102.7	
2	3.531	3.531	0.000	13349984	100.0	100.2	
						RPD = 2.44	
7 Endosulfan I							
1	4.571	4.571	0.000	10768939	100.0	103.6	
2	3.651	3.651	0.000	14309833	100.0	100.4	
						RPD = 3.16	
25 4,4'-DDE							
1	4.655	4.655	0.000	10395560	100.0	103.4	
2	3.591	3.591	0.000	13494642	100.0	103.6	
						RPD = 0.15	
30 Dieldrin							
1	4.830	4.830	0.000	10645121	100.0	100.5	
2	3.879	3.879	0.000	14426455	100.0	101.9	
						RPD = 1.41	
20 Endrin							
1	5.063	5.063	0.000	7978948	100.0	92.5	
2	4.127	4.127	0.000	11770872	100.0	97.7	
						RPD = 5.44	
16 4,4'-DDD							
1	5.121	5.121	0.000	8716050	100.0	103.6	
2	4.194	4.194	0.000	12577812	100.0	105.8	
						RPD = 2.04	
11 Endosulfan II							
1	5.208	5.208	0.000	9567842	100.0	95.2	
2	4.364	4.364	0.000	12818806	100.0	103.7	
						RPD = 8.51	
21 4,4'-DDT							
1	5.337	5.337	0.000	6684995	100.0	86.3	
2	4.492	4.492	0.000	10265537	100.0	93.1	
						RPD = 7.54	
5 Endrin aldehyde							
1	5.432	5.432	0.000	8432509	100.0	96.7	
2	4.765	4.765	0.000	11380397	100.0	103.0	
						RPD = 6.30	
3 Endosulfan sulfate							
1	5.633	5.633	0.000	8911401	100.0	96.0	
2	4.931	4.931	0.000	6109758	100.0	103.4	
						RPD = 7.41	

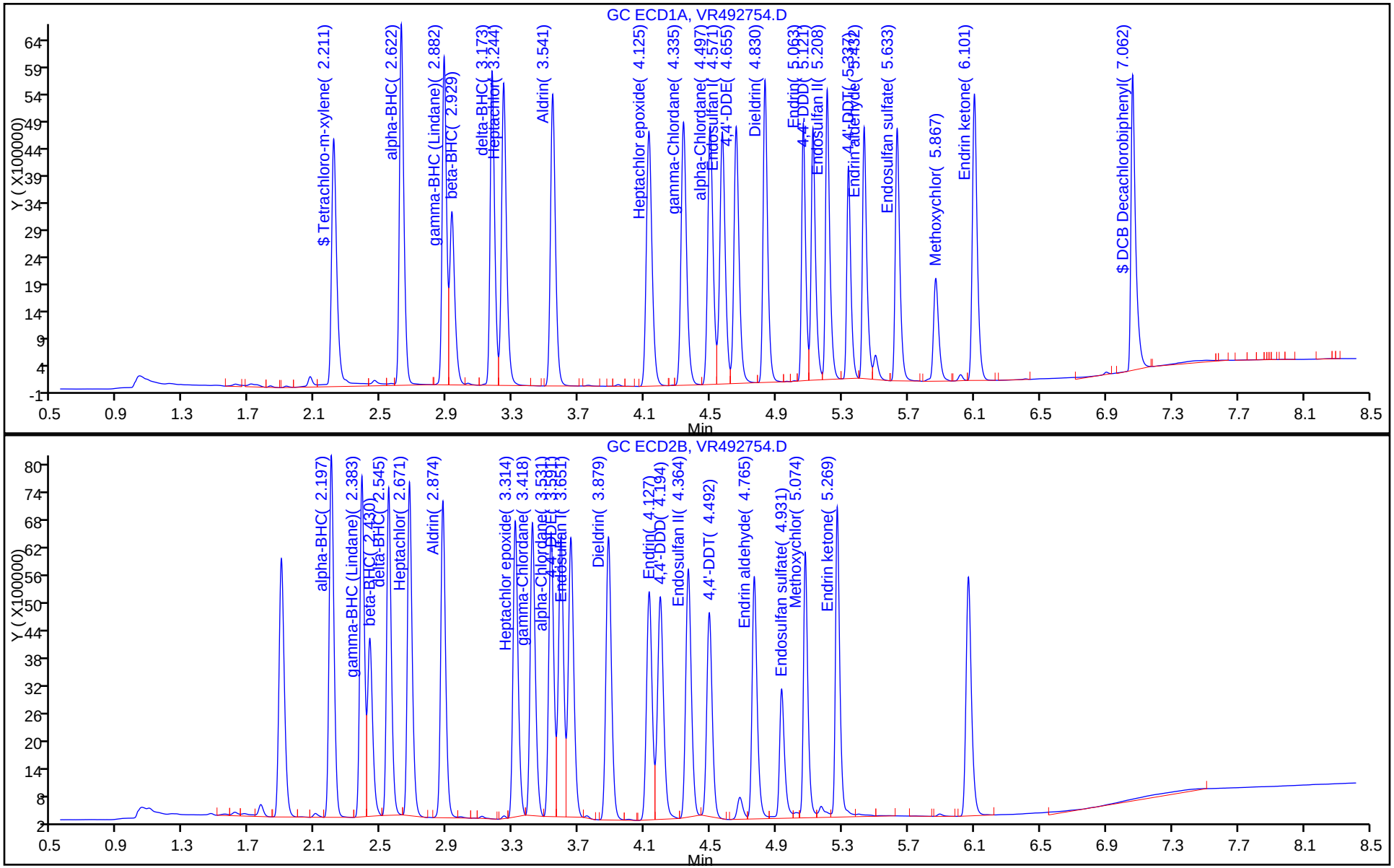
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.867	5.867	0.000	4225499	100.0	102.8	
2	5.074	5.074	0.000	10778583	100.0	105.9	
						RPD = 2.94	
13 Endrin ketone							
1	6.101	6.101	0.000	10867461	100.0	99.4	
2	5.269	5.269	0.000	12495976	100.0	100.7	
						RPD = 1.29	
$ 24 DCB Decachlorobiphenyl							
1	7.062	7.062	0.000	10609964	100.0	101.7	
2	6.065	6.065	0.000	12029062	100.0	104.2	
						RPD = 2.39	

Report Date: 22-Jun-2014 13:53:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492754.D

Injection Date:	21-Jun-2014 20:23:21	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	43
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232099/43 Calibration Date: 06/21/2014 20:23

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492754.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	156062	159701		102	100	2.3	20.0
gamma-BHC (Lindane)	Ave	140535	142877		102	100	1.7	20.0
beta-BHC	Ave	85357	82894		97.1	100	-2.9	20.0
delta-BHC	Ave	142588	140381		98.5	100	-1.5	20.0
Heptachlor	Ave	158006	145665		92.2	100	-7.8	20.0
Aldrin	Qua		141700		106	100	6.4	20.0
Heptachlor epoxide	Ave	145091	136832		94.3	100	-5.7	20.0
gamma-Chlordane	Ave	139351	139055		99.8	100	-0.2	20.0
alpha-Chlordane	Ave	133169	133500		100	100	0.2	20.0
4,4'-DDE	Ave	130296	134946		104	100	3.6	20.0
Endosulfan I	Ave	142548	143098		100	100	0.4	20.0
Dieldrin	Ave	141564	144265		102	100	1.9	20.0
Endrin	Ave	120518	117709		97.7	100	-2.3	20.0
4,4'-DDD	Ave	118918	125778		106	100	5.8	20.0
Endosulfan II	Ave	123630	128188		104	100	3.7	20.0
4,4'-DDT	Ave	110317	102655		93.1	100	-6.9	20.0
Endrin aldehyde	Ave	110521	113804		103	100	3.0	20.0
Endosulfan sulfate	Ave	59074	61098		103	100	3.4	20.0
Methoxychlor	Ave	101824	107786		106	100	5.9	20.0
Endrin ketone	Ave	124141	124960		101	100	0.7	20.0
Tetrachloro-m-xylene	Ave	129262	127329		98.5	100	-1.5	20.0
DCB Decachlorobiphenyl	Qua		120291		104	100	4.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Lab Sample ID: CCV 460-232099/43 Calibration Date: 06/21/2014 20:23

Instrument ID: CPESTGC9 Calib Start Date: 06/18/2014 13:32

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/18/2014 14:18

Lab File ID: VR492754.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.20	2.15	2.25
gamma-BHC (Lindane)	2.38	2.33	2.43
beta-BHC	2.43	2.38	2.48
delta-BHC	2.55	2.50	2.60
Heptachlor	2.67	2.62	2.72
Aldrin	2.87	2.82	2.92
Heptachlor epoxide	3.31	3.24	3.38
gamma-Chlordane	3.42	3.35	3.49
alpha-Chlordane	3.53	3.46	3.60
4,4'-DDE	3.59	3.52	3.66
Endosulfan I	3.65	3.58	3.72
Dieldrin	3.88	3.81	3.95
Endrin	4.13	4.06	4.20
4,4'-DDD	4.19	4.12	4.26
Endosulfan II	4.36	4.29	4.43
4,4'-DDT	4.49	4.42	4.56
Endrin aldehyde	4.77	4.70	4.84
Endosulfan sulfate	4.93	4.86	5.00
Methoxychlor	5.07	5.00	5.14
Endrin ketone	5.27	5.20	5.34
Tetrachloro-m-xylene	1.89	1.84	1.94
DCB Decachlorobiphenyl	6.07	5.97	6.17

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492754.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Jun-2014 20:23:21 ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-GC9_8081_LVI*sub1

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:41 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:31:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.211	2.211	0.000	10670873	100.0	99.1	
2	1.894	1.894	0.000	12732875	100.0	98.5	
						RPD = 0.63	
15 alpha-BHC							
1	2.622	2.622	0.000	12579329	100.0	103.0	
2	2.197	2.197	0.000	15970080	100.0	102.3	
						RPD = 0.62	
2 gamma-BHC (Lindane)							
1	2.882	2.882	0.000	11126599	100.0	106.2	
2	2.383	2.383	0.000	14287669	100.0	101.7	
						RPD = 4.39	
6 beta-BHC							
1	2.929	2.929	0.000	6962126	100.0	106.3	
2	2.430	2.430	0.000	8289396	100.0	97.1	
						RPD = 9.00	
32 delta-BHC							
1	3.173	3.173	0.000	11083230	100.0	103.7	
2	2.545	2.545	0.000	14038100	100.0	98.5	
						RPD = 5.15	
18 Heptachlor							
1	3.244	3.244	0.000	11910658	100.0	95.5	
2	2.671	2.671	0.000	14566494	100.0	92.2	
						RPD = 3.52	
8 Aldrin							
1	3.541	3.541	0.000	11439946	100.0	101.2	
2	2.874	2.874	0.000	14170030	100.0	106.4	
						RPD = 5.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.125	4.125	0.000	11367276	100.0	100.0	
2	3.314	3.314	0.000	13683167	100.0	94.3	
						RPD = 5.87	
9 gamma-Chlordane							
1	4.335	4.335	0.000	11383513	100.0	103.9	
2	3.418	3.418	0.000	13905456	100.0	99.8	
						RPD = 4.08	
23 alpha-Chlordane							
1	4.497	4.497	0.000	10787110	100.0	102.7	
2	3.531	3.531	0.000	13349984	100.0	100.2	
						RPD = 2.44	
7 Endosulfan I							
1	4.571	4.571	0.000	10768939	100.0	103.6	
2	3.651	3.651	0.000	14309833	100.0	100.4	
						RPD = 3.16	
25 4,4'-DDE							
1	4.655	4.655	0.000	10395560	100.0	103.4	
2	3.591	3.591	0.000	13494642	100.0	103.6	
						RPD = 0.15	
30 Dieldrin							
1	4.830	4.830	0.000	10645121	100.0	100.5	
2	3.879	3.879	0.000	14426455	100.0	101.9	
						RPD = 1.41	
20 Endrin							
1	5.063	5.063	0.000	7978948	100.0	92.5	
2	4.127	4.127	0.000	11770872	100.0	97.7	
						RPD = 5.44	
16 4,4'-DDD							
1	5.121	5.121	0.000	8716050	100.0	103.6	
2	4.194	4.194	0.000	12577812	100.0	105.8	
						RPD = 2.04	
11 Endosulfan II							
1	5.208	5.208	0.000	9567842	100.0	95.2	
2	4.364	4.364	0.000	12818806	100.0	103.7	
						RPD = 8.51	
21 4,4'-DDT							
1	5.337	5.337	0.000	6684995	100.0	86.3	
2	4.492	4.492	0.000	10265537	100.0	93.1	
						RPD = 7.54	
5 Endrin aldehyde							
1	5.432	5.432	0.000	8432509	100.0	96.7	
2	4.765	4.765	0.000	11380397	100.0	103.0	
						RPD = 6.30	
3 Endosulfan sulfate							
1	5.633	5.633	0.000	8911401	100.0	96.0	
2	4.931	4.931	0.000	6109758	100.0	103.4	
						RPD = 7.41	

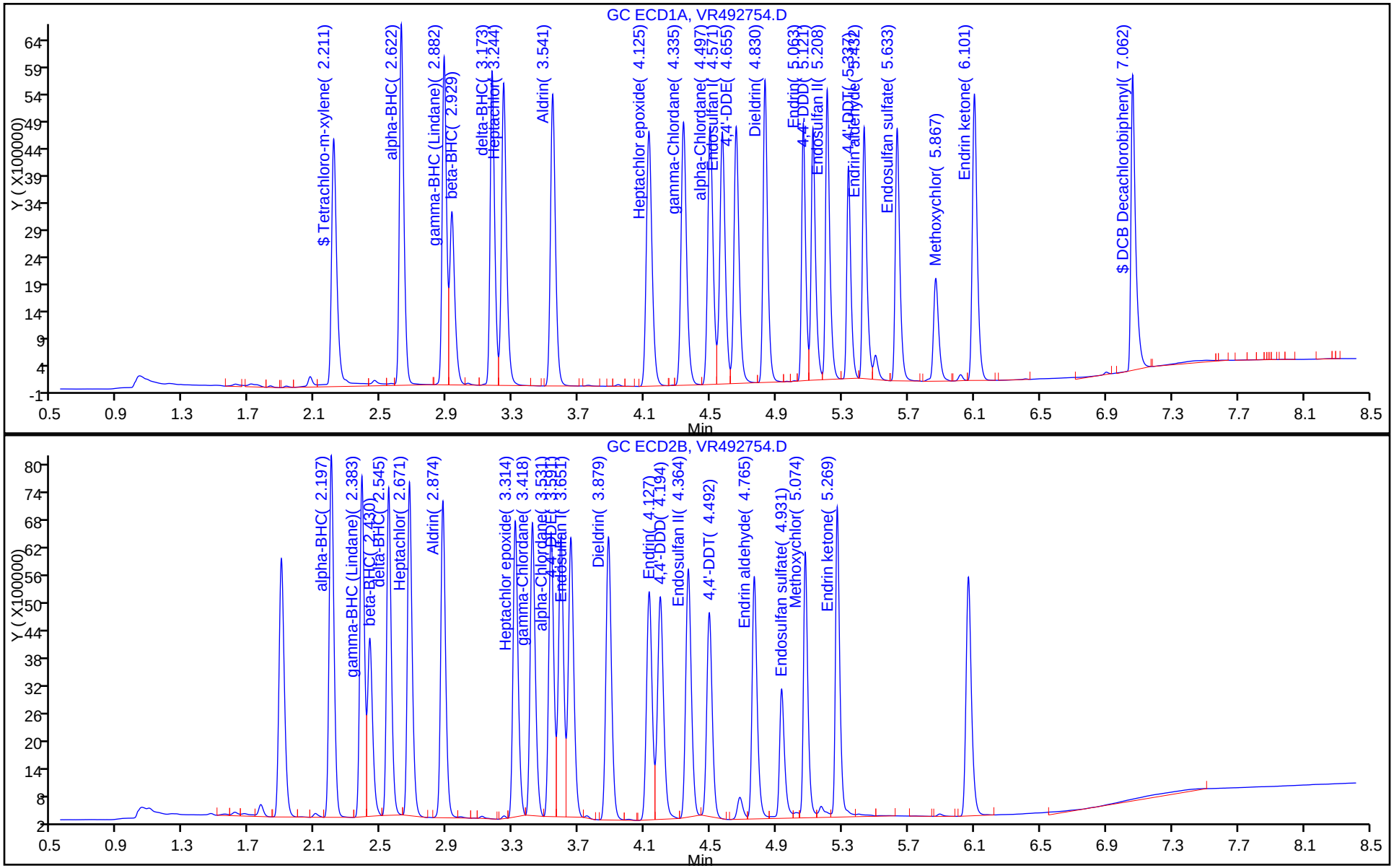
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	5.867	5.867	0.000	4225499	100.0	102.8	
2	5.074	5.074	0.000	10778583	100.0	105.9	
						RPD = 2.94	
13 Endrin ketone							
1	6.101	6.101	0.000	10867461	100.0	99.4	
2	5.269	5.269	0.000	12495976	100.0	100.7	
						RPD = 1.29	
$ 24 DCB Decachlorobiphenyl							
1	7.062	7.062	0.000	10609964	100.0	101.7	
2	6.065	6.065	0.000	12029062	100.0	104.2	
						RPD = 2.39	

Report Date: 22-Jun-2014 13:53:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492754.D

Injection Date:	21-Jun-2014 20:23:21	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	43
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-231796/1-A

Matrix: Solid Lab File ID: VR492686.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) Date Analyzed: 06/20/2014 12:32

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.: 231911 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		72-136
2051-24-3	DCB Decachlorobiphenyl	80		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492686.D
Lims ID: MB 460-231796/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2014 12:32:35 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:45:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.217	2.212	0.005	3954956	50.0	36.7	
2	1.892	1.893	-0.001	5059936	50.0	39.1	
						RPD = 6.34	
$ 24 DCB Decachlorobiphenyl							M
1	7.073	7.065	0.008	5114134	50.0	40.0	
2	6.069	6.068	0.001	5900012	50.0	38.4	M
						RPD = 4.04	

QC Flag Legend

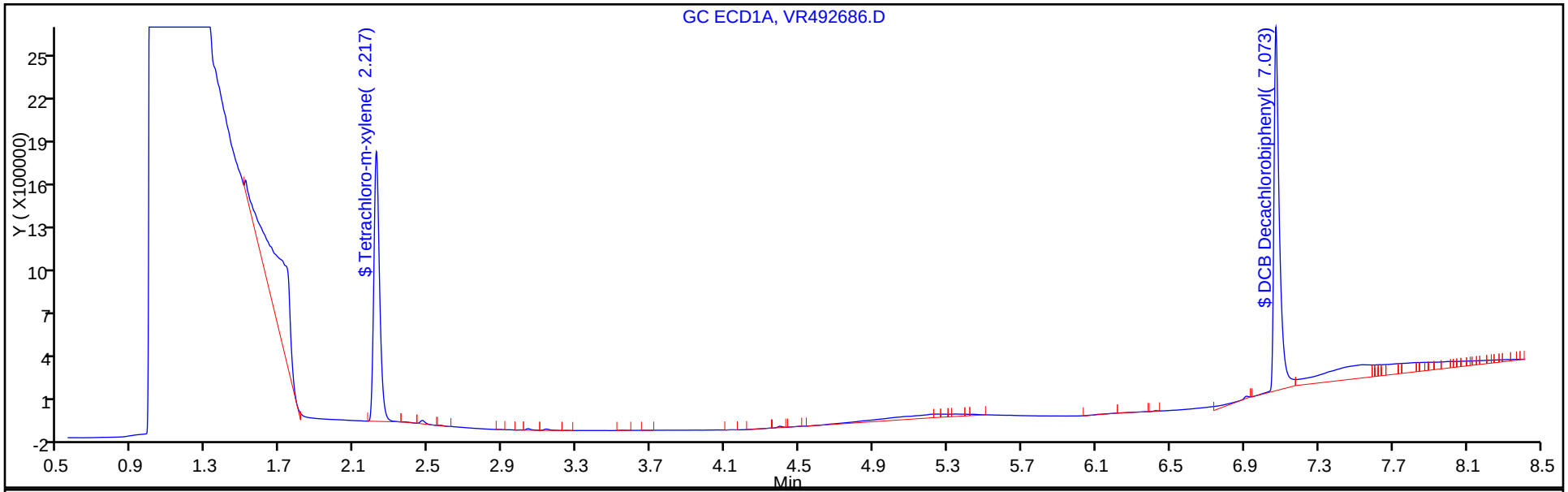
Review Flags
M - Manually Integrated

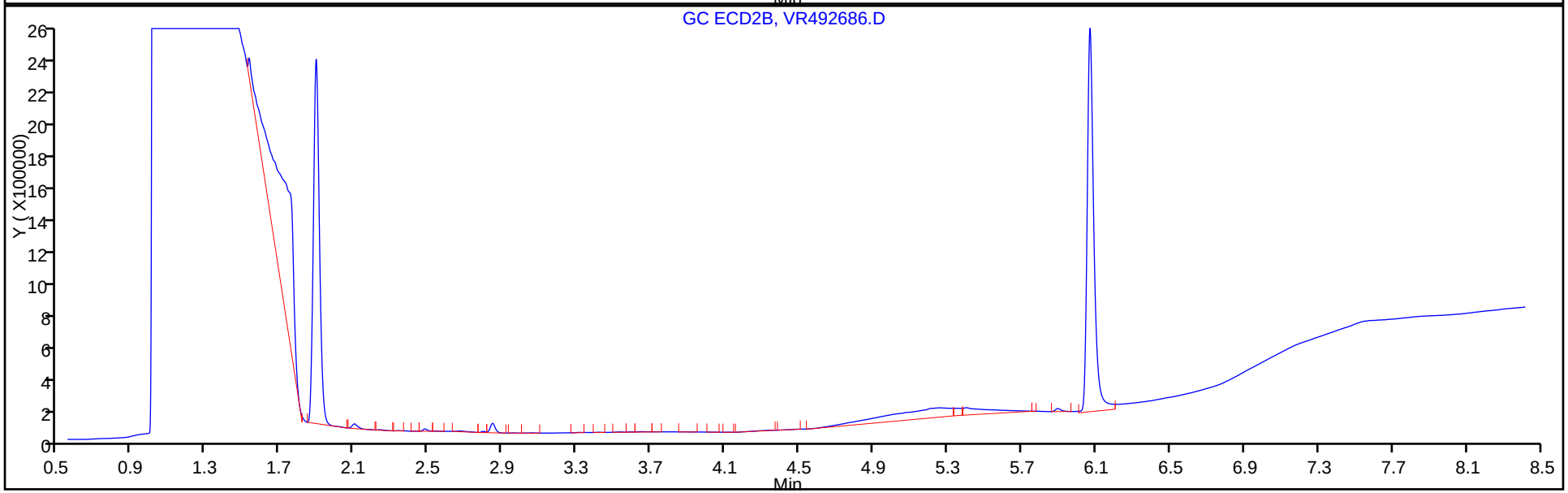
Report Date: 22-Jun-2014 12:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492686.D

Injection Date:	20-Jun-2014 12:32:35	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-231796/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		





FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231796/1-A

Matrix: Solid | Lab File ID: VR492686.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) | Date Analyzed: 06/20/2014 12:32

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.: 231911 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0014	U	0.0067	0.0014
319-84-6	alpha-BHC	0.0015	U	0.0067	0.0015
319-85-7	beta-BHC	0.0016	U	0.0067	0.0016
319-86-8	delta-BHC	0.0012	U	0.0067	0.0012
58-89-9	gamma-BHC (Lindane)	0.0012	U	0.0067	0.0012
57-74-9	Chlordane	0.019	U	0.067	0.019
72-54-8	4,4'-DDD	0.0013	U	0.0067	0.0013
72-55-9	4,4'-DDE	0.0013	U	0.0067	0.0013
50-29-3	4,4'-DDT	0.0016	U	0.0067	0.0016
60-57-1	Dieldrin	0.0012	U	0.0067	0.0012
959-98-8	Endosulfan I	0.0015	U	0.0067	0.0015
33213-65-9	Endosulfan II	0.0013	U	0.0067	0.0013
1031-07-8	Endosulfan sulfate	0.0013	U	0.0067	0.0013
72-20-8	Endrin	0.0016	U	0.0067	0.0016
7421-93-4	Endrin aldehyde	0.0010	U	0.0067	0.0010
76-44-8	Heptachlor	0.0016	U	0.0067	0.0016
1024-57-3	Heptachlor epoxide	0.0015	U	0.0067	0.0015
8001-35-2	Toxaphene	0.018	U	0.067	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		72-136
2051-24-3	DCB Decachlorobiphenyl	77		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492686.D
Lims ID: MB 460-231796/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2014 12:32:35 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:45:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.217	2.212	0.005	3954956	50.0	36.7	
2	1.892	1.893	-0.001	5059936	50.0	39.1	
						RPD = 6.34	
$ 24 DCB Decachlorobiphenyl							M
1	7.073	7.065	0.008	5114134	50.0	40.0	
2	6.069	6.068	0.001	5900012	50.0	38.4	M
						RPD = 4.04	

QC Flag Legend

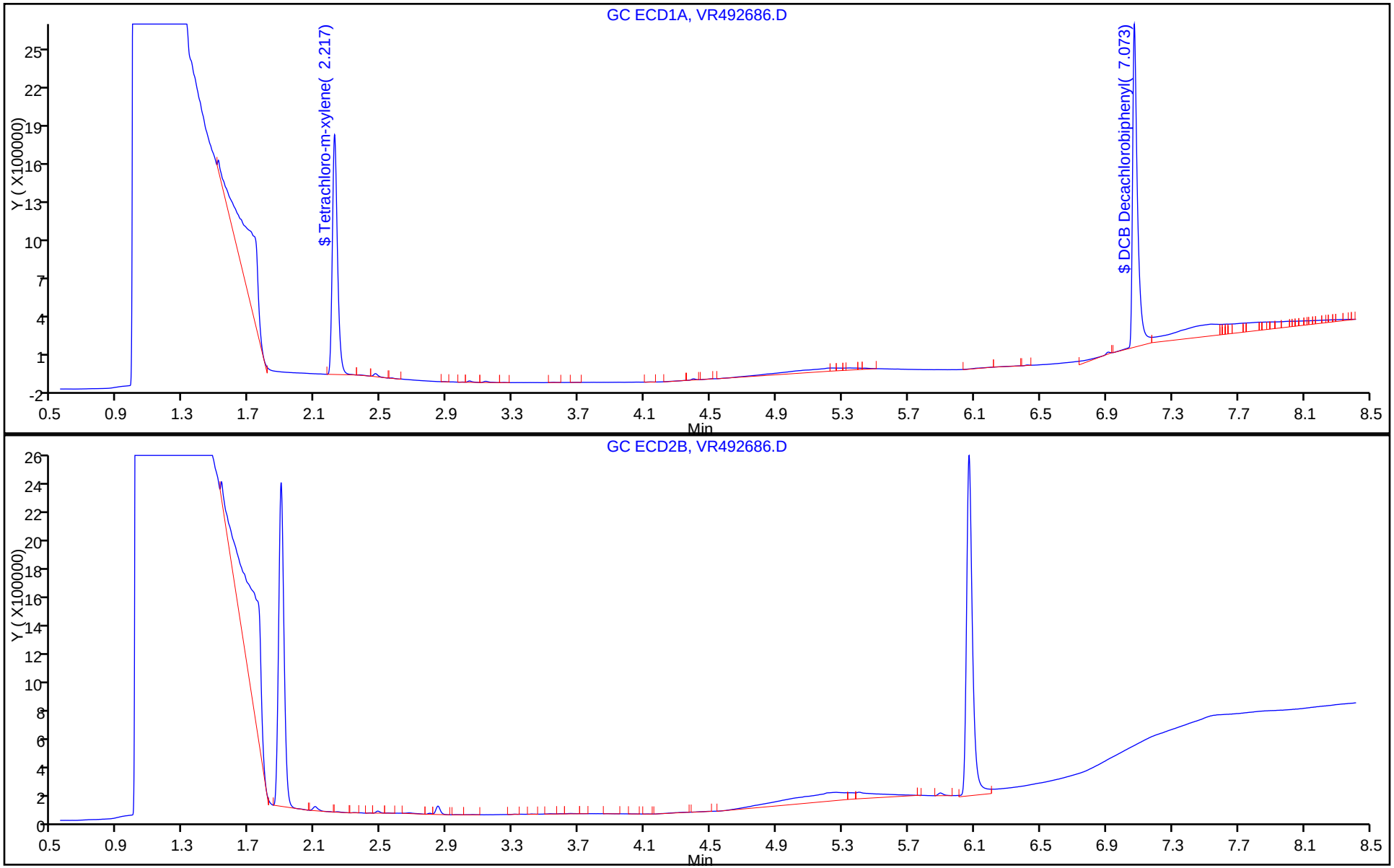
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:54 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492686.D

Injection Date:	20-Jun-2014 12:32:35	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-231796/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

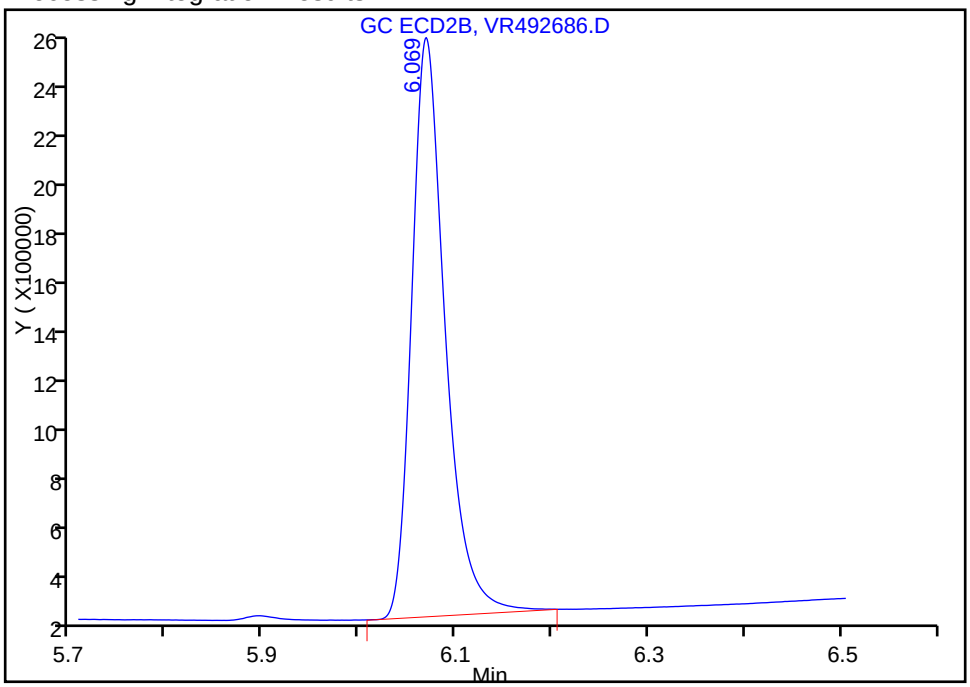
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492686.D				
Injection Date:	20-Jun-2014 12:32:35	Instrument ID:	CPESTGC9		
Lims ID:	MB 460-231796/1-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	29	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

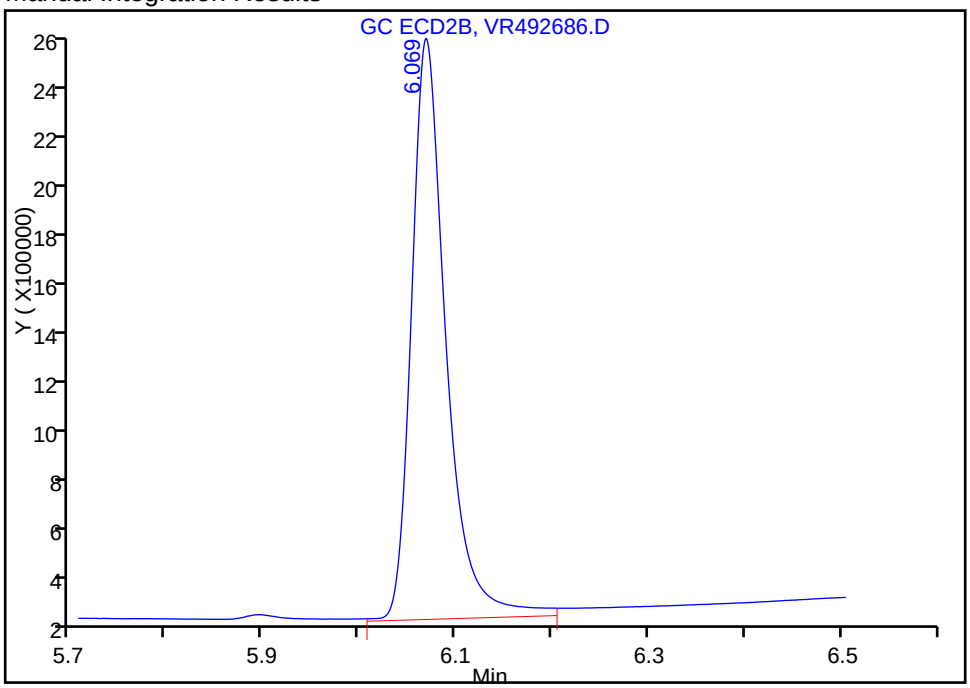
Processing Integration Results

RT: 6.07
Response: 5675153
Amount: 35.843205



Manual Integration Results

RT: 6.07
Response: 5900012
Amount: 38.400320



Reviewer: foleysont, 22-Jun-2014 12:45:43
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-231851/1-A

Matrix: Water Lab File ID: VR492734.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 16:32

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		50-147
2051-24-3	DCB Decachlorobiphenyl	65		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492734.D
Lims ID: MB 460-231851/1-A
Client ID:
Sample Type: MB
Inject. Date: 21-Jun-2014 16:32:59 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:14:52

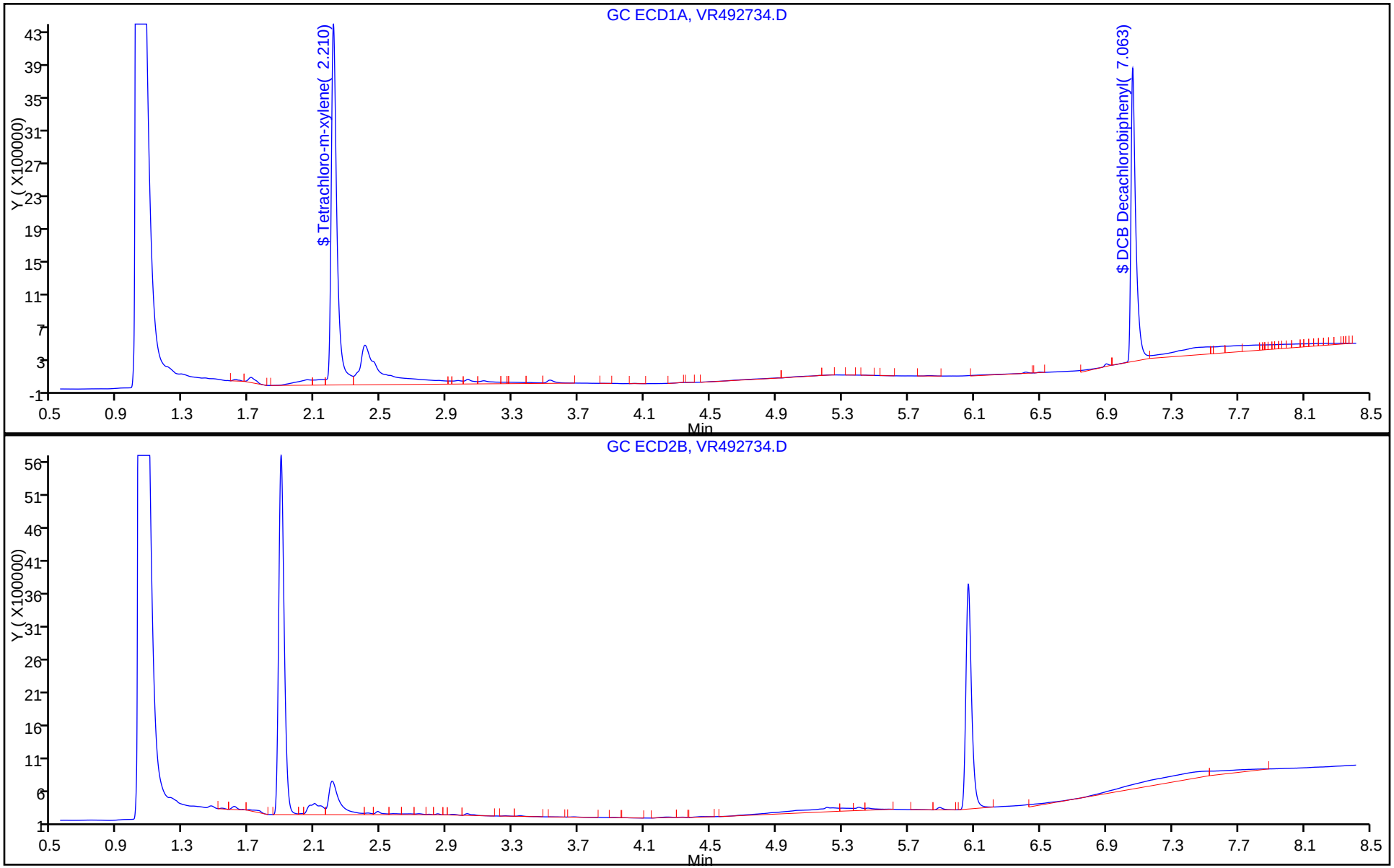
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.210	2.209	0.001	10711971	100.0	99.5	
2	1.892	1.891	0.001	12491515	100.0	96.6	
						RPD = 2.93	
$ 24 DCB Decachlorobiphenyl							
1	7.063	7.062	0.001	7285730	100.0	65.4	
2	6.064	6.064	0.000	8139112	100.0	63.3	
						RPD = 3.27	

Report Date: 22-Jun-2014 13:53:15 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492734.D

Injection Date:	21-Jun-2014 16:32:59	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-231851/1-A			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-231851/1-A

Matrix: Water | Lab File ID: VR492734.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) | Date Analyzed: 06/21/2014 16:32

Con. Extract Vol.: 1(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.: 232099 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.017	U	0.050	0.017
319-84-6	alpha-BHC	0.0090	U	0.050	0.0090
319-85-7	beta-BHC	0.013	U	0.050	0.013
319-86-8	delta-BHC	0.012	U	0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.014	U	0.050	0.014
57-74-9	Chlordane	0.21	U	0.50	0.21
72-54-8	4,4'-DDD	0.019	U	0.050	0.019
72-55-9	4,4'-DDE	0.016	U	0.050	0.016
50-29-3	4,4'-DDT	0.017	U	0.050	0.017
60-57-1	Dieldrin	0.022	U	0.050	0.022
959-98-8	Endosulfan I	0.016	U	0.050	0.016
33213-65-9	Endosulfan II	0.016	U	0.050	0.016
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.017	U	0.050	0.017
7421-93-4	Endrin aldehyde	0.016	U	0.050	0.016
53494-70-5	Endrin ketone	0.016	U	0.050	0.016
76-44-8	Heptachlor	0.014	U	0.050	0.014
1024-57-3	Heptachlor epoxide	0.016	U	0.050	0.016
72-43-5	Methoxychlor	0.015	U	0.050	0.015
8001-35-2	Toxaphene	0.34	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		50-147
2051-24-3	DCB Decachlorobiphenyl	63		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492734.D
Lims ID: MB 460-231851/1-A
Client ID:
Sample Type: MB
Inject. Date: 21-Jun-2014 16:32:59 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:14:52

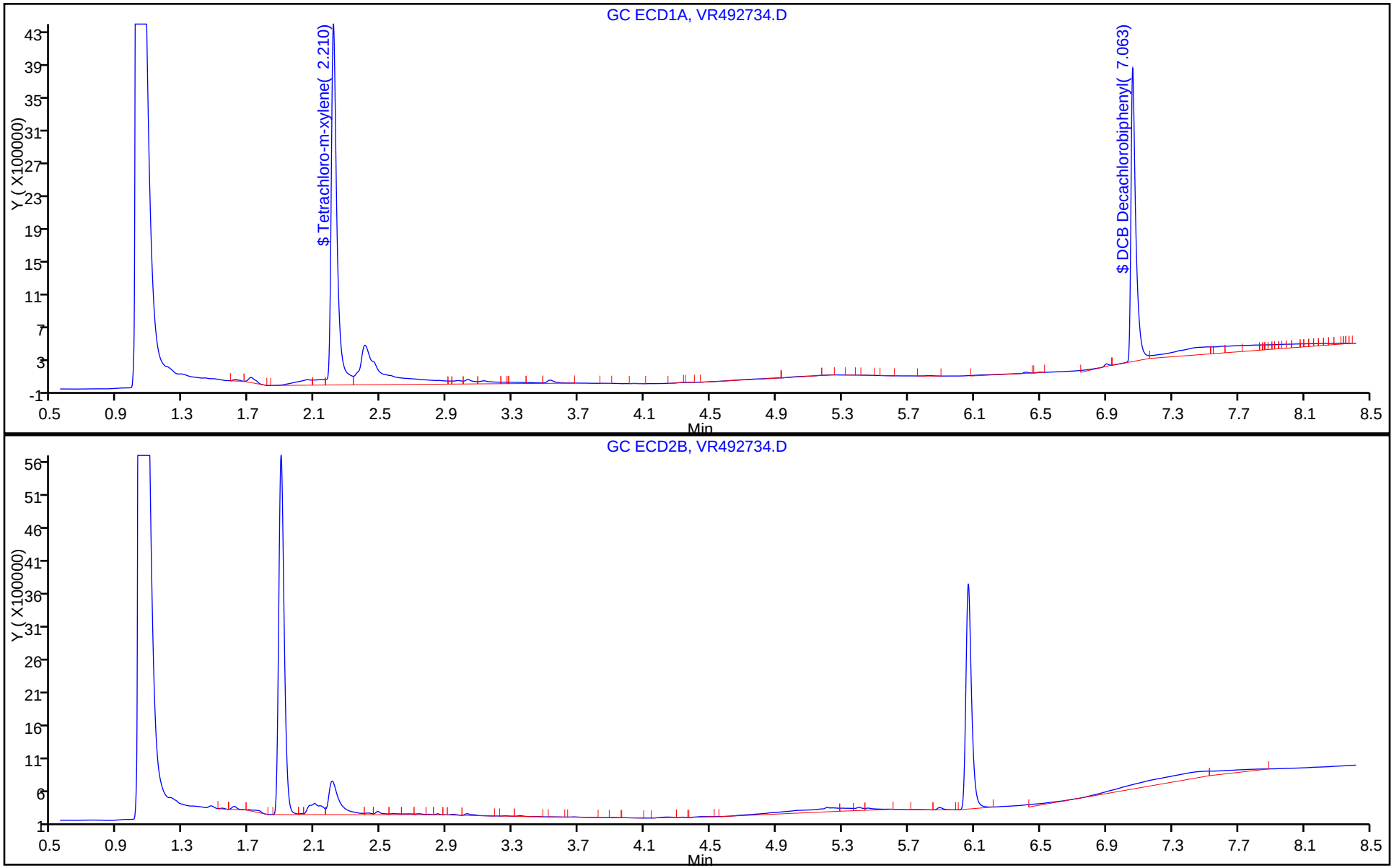
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							
1	2.210	2.209	0.001	10711971	100.0	99.5	
2	1.892	1.891	0.001	12491515	100.0	96.6	
						RPD = 2.93	
$ 24 DCB Decachlorobiphenyl							
1	7.063	7.062	0.001	7285730	100.0	65.4	
2	6.064	6.064	0.000	8139112	100.0	63.3	
						RPD = 3.27	

Report Date: 22-Jun-2014 13:53:15 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492734.D

Injection Date:	21-Jun-2014 16:32:59	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-231851/1-A			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231796/2-A

Matrix: Solid | Lab File ID: VR492687.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) | Date Analyzed: 06/20/2014 12:44

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.: 231911 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*0.114*		*0.0067*	*0.0014*
319-84-6	alpha-BHC	0.117		0.0067	0.0015
319-85-7	beta-BHC	0.122		0.0067	0.0016
319-86-8	delta-BHC	0.121		0.0067	0.0012
58-89-9	gamma-BHC (Lindane)	0.123		0.0067	0.0012
72-54-8	4,4'-DDD	0.118		0.0067	0.0013
72-55-9	4,4'-DDE	0.119		0.0067	0.0013
50-29-3	*4,4'-DDT*	*0.107*		*0.0067*	*0.0016*
60-57-1	Dieldrin	0.116		0.0067	0.0012
959-98-8	Endosulfan I	0.117		0.0067	0.0015
33213-65-9	*Endosulfan II*	*0.110*		*0.0067*	*0.0013*
1031-07-8	*Endosulfan sulfate*	*0.109*		*0.0067*	*0.0013*
72-20-8	Endrin	0.108		0.0067	0.0016
7421-93-4	Endrin aldehyde	0.115		0.0067	0.0010
76-44-8	Heptachlor	0.114		0.0067	0.0016
1024-57-3	Heptachlor epoxide	0.112		0.0067	0.0015

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		72-136
2051-24-3	DCB Decachlorobiphenyl	80		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Lims ID: LCS 460-231796/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2014 12:44:03 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:48:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							M
1	2.206	2.212	-0.006	4213862	50.0	39.1	M
2	1.887	1.893	-0.006	5397183	50.0	41.8	
						RPD = 6.45	
15 alpha-BHC							
1	2.617	2.623	-0.006	21353257	200.0	174.8	
2	2.191	2.198	-0.007	27042325	200.0	173.3	
						RPD = 0.87	
2 gamma-BHC (Lindane)							M
1	2.877	2.883	-0.006	19254317	200.0	183.8	
2	2.377	2.384	-0.007	24766699	200.0	176.2	M
						RPD = 4.22	
6 beta-BHC							M
1	2.925	2.930	-0.005	11980642	200.0	182.9	
2	2.426	2.432	-0.006	14150444	200.0	165.8	M
						RPD = 9.81	
32 delta-BHC							M
1	3.169	3.175	-0.006	19334637	200.0	180.8	
2	2.540	2.547	-0.007	25103958	200.0	176.1	M
						RPD = 2.67	
18 Heptachlor							M
1	3.239	3.245	-0.006	21248548	200.0	170.4	
2	2.666	2.673	-0.007	25690340	200.0	162.6	M
						RPD = 4.67	
8 Aldrin							M
1	3.536	3.543	-0.007	19466751	200.0	170.4	
2	2.868	2.876	-0.008	23792619	200.0	175.4	M
						RPD = 2.90	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							M
1	4.120	4.129	-0.009	19123184	200.0	168.3	M
2	3.308	3.316	-0.008	22502483	200.0	155.1	M
						RPD = 8.14	
9 gamma-Chlordane							M
1	4.331	4.339	-0.008	19196217	200.0	175.3	M
2	3.412	3.421	-0.009	23094726	200.0	165.7	M
						RPD = 5.60	
23 alpha-Chlordane							M
1	4.492	4.500	-0.008	17986770	200.0	171.3	M
2	3.525	3.534	-0.009	21464399	200.0	161.2	M
						RPD = 6.08	
7 Endosulfan I							M
1	4.566	4.574	-0.008	18253249	200.0	175.6	M
2	3.645	3.654	-0.009	23513653	200.0	165.0	M
						RPD = 6.27	
25 4,4'-DDE							M
1	4.651	4.658	-0.007	17981210	200.0	178.9	M
2	3.585	3.594	-0.009	21932045	200.0	168.3	M
						RPD = 6.08	
30 Dieldrin							M
1	4.827	4.833	-0.006	18404604	200.0	173.7	M
2	3.873	3.884	-0.011	23288847	200.0	164.5	M
						RPD = 5.44	
20 Endrin							M
1	5.061	5.064	-0.003	13939554	200.0	161.6	M
2	4.120	4.131	-0.011	19432193	200.0	161.2	M
						RPD = 0.22	
16 4,4'-DDD							M
1	5.120	5.124	-0.004	14905641	200.0	177.2	M
2	4.188	4.199	-0.011	20344536	200.0	171.1	M
						RPD = 3.53	
11 Endosulfan II							M
1	5.206	5.209	-0.003	16616663	200.0	165.4	M
2	4.359	4.369	-0.010	21297773	200.0	172.3	M
						RPD = 4.08	
21 4,4'-DDT							M
1	5.336	5.339	-0.003	12435685	200.0	160.5	M
2	4.486	4.496	-0.010	17972649	200.0	162.9	M
						RPD = 1.48	
5 Endrin aldehyde							M
1	5.431	5.434	-0.003	15043667	200.0	172.5	M
2	4.761	4.769	-0.008	18225995	200.0	164.9	M
						RPD = 4.49	
3 Endosulfan sulfate							M
1	5.631	5.635	-0.004	15153366	200.0	163.3	M
2	4.928	4.934	-0.006	9764172	200.0	165.3	M
						RPD = 1.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							M
1	5.866	5.869	-0.003	7035005	200.0	171.1	M
2	5.071	5.078	-0.007	17528762	200.0	172.1	M
						RPD = 0.59	
13 Endrin ketone							M
1	6.101	6.105	-0.004	19424769	200.0	177.6	M
2	5.266	5.271	-0.005	20959762	200.0	168.8	M
						RPD = 5.07	
$ 24 DCB Decachlorobiphenyl							M
1	7.066	7.065	0.001	5122910	50.0	40.1	M
2	6.065	6.068	-0.003	5936553	50.0	38.8	M
						RPD = 3.23	

QC Flag Legend

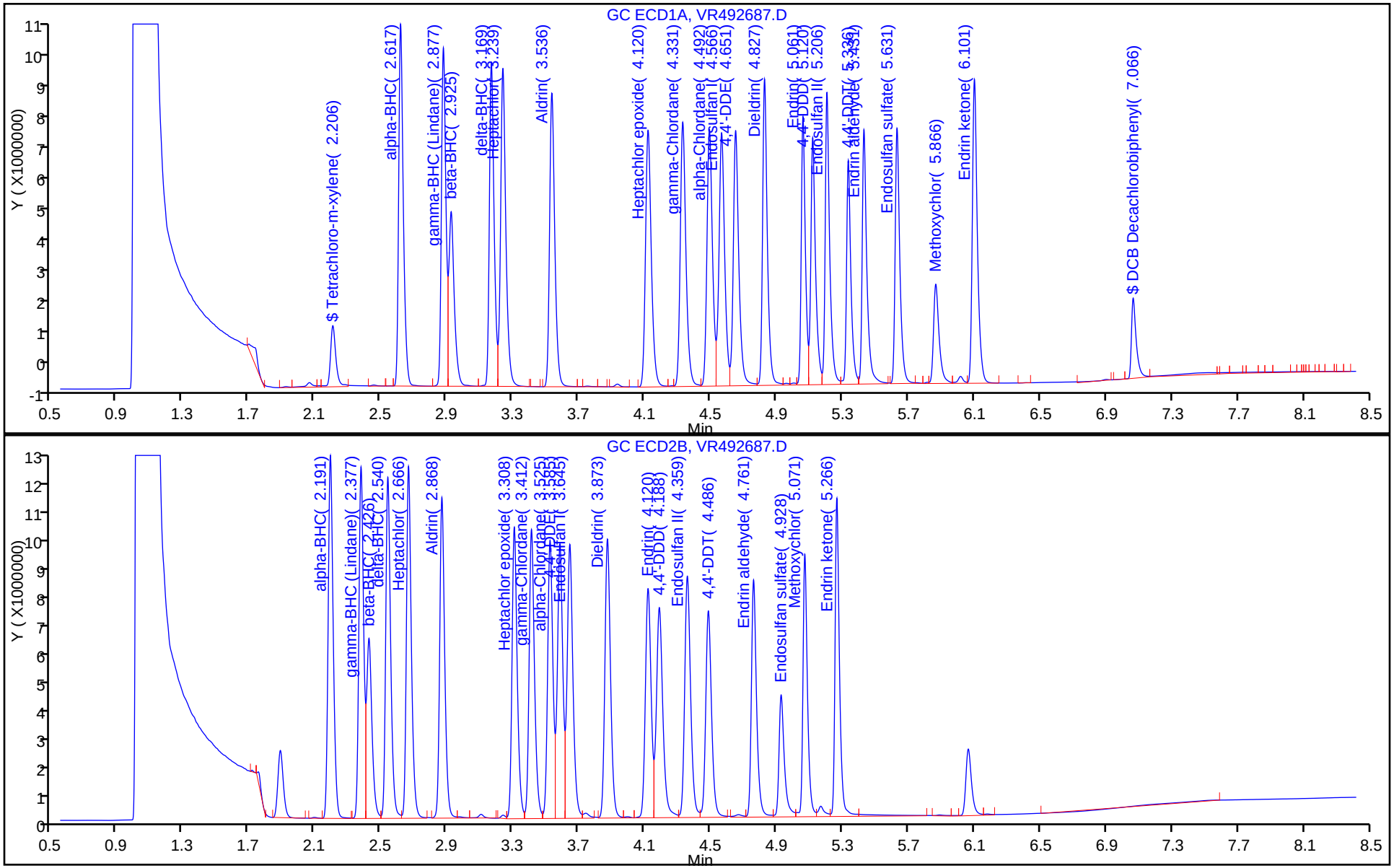
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D

Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-231796/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

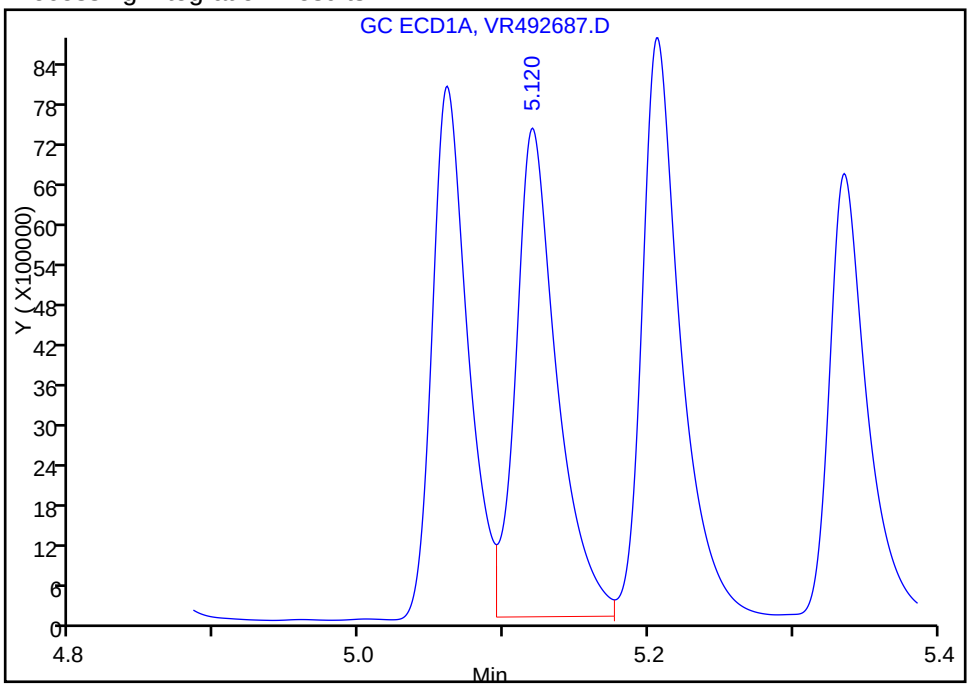
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8

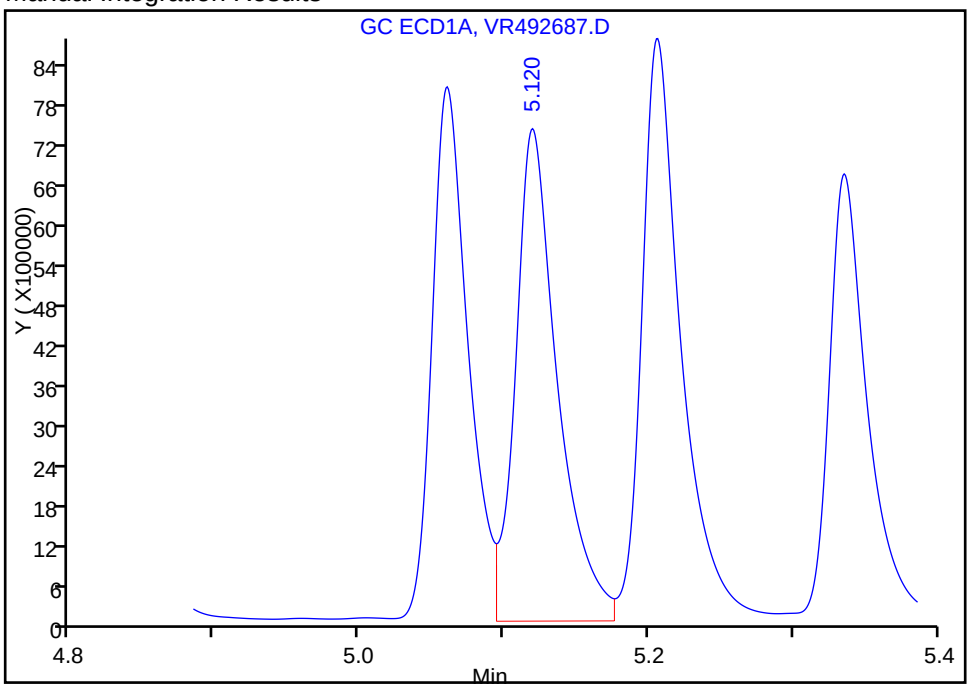
Processing Integration Results

RT: 5.12
Response: 14493142
Amount: 172.3287



Manual Integration Results

RT: 5.12
Response: 14905641
Amount: 177.2335



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

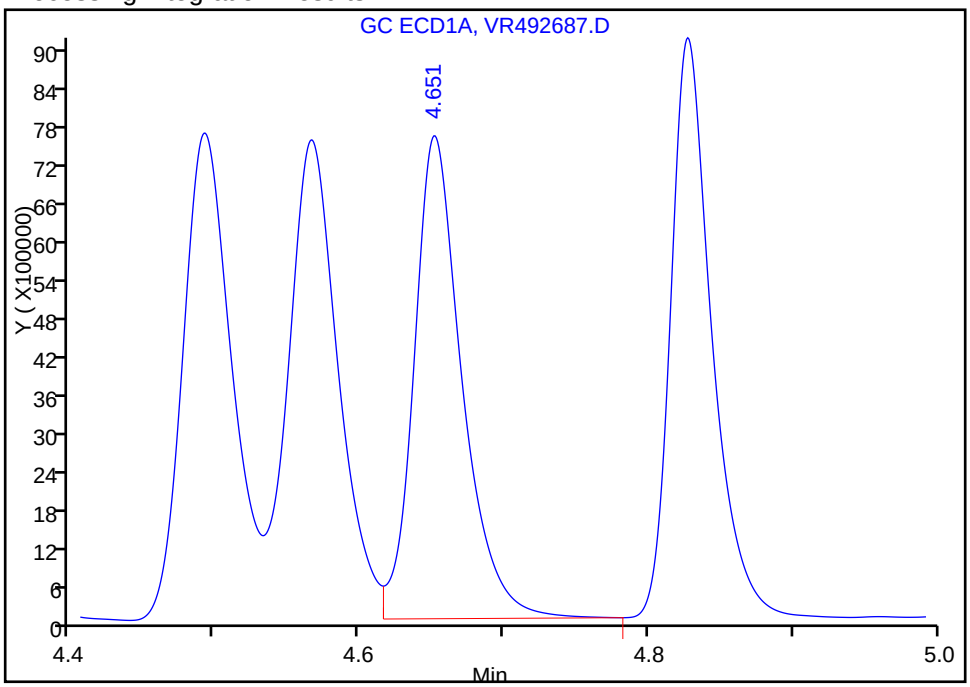
TestAmerica Edison

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Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

25 4,4'-DDE, CAS: 72-55-9

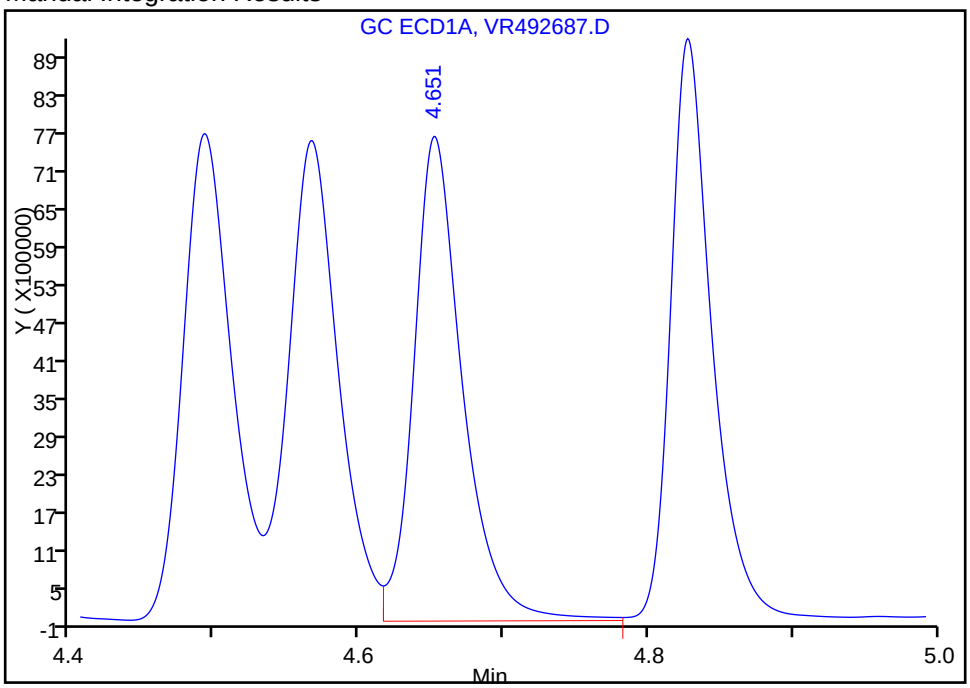
Processing Integration Results

RT: 4.65
Response: 17555813
Amount: 174.6486



Manual Integration Results

RT: 4.65
Response: 17981210
Amount: 178.8805



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

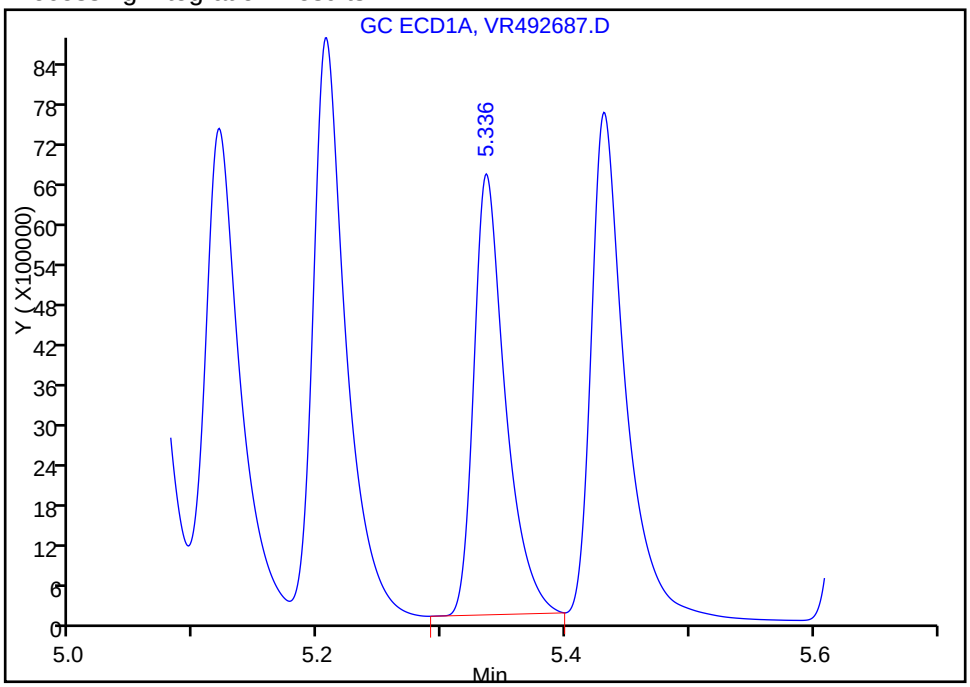
TestAmerica Edison

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Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

21 4,4'-DDT, CAS: 50-29-3

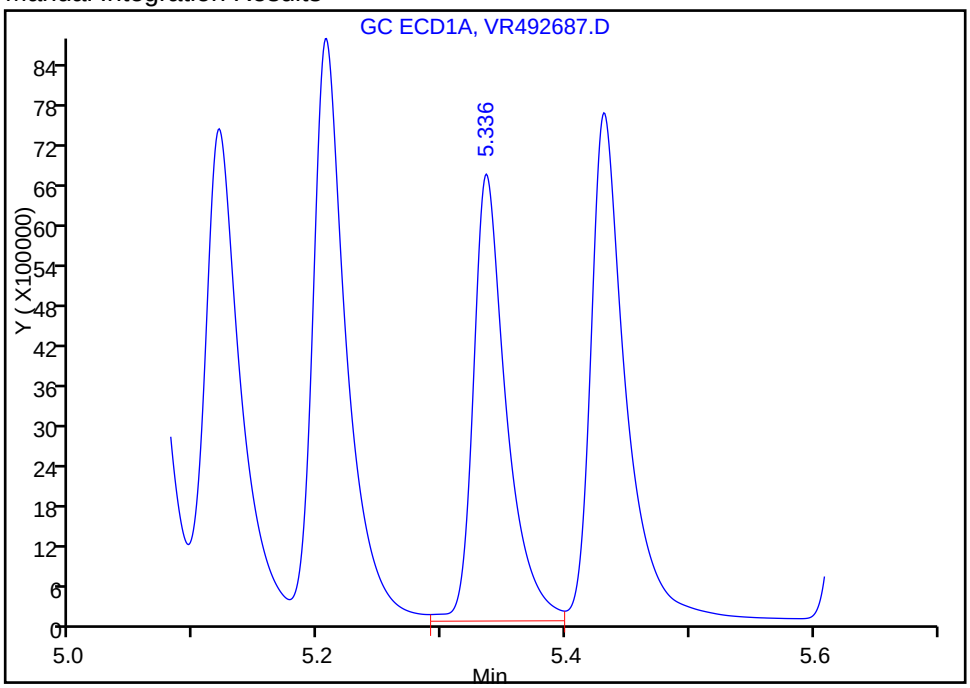
Processing Integration Results

RT: 5.34
Response: 11642070
Amount: 150.2848



Manual Integration Results

RT: 5.34
Response: 12435685
Amount: 160.5294



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

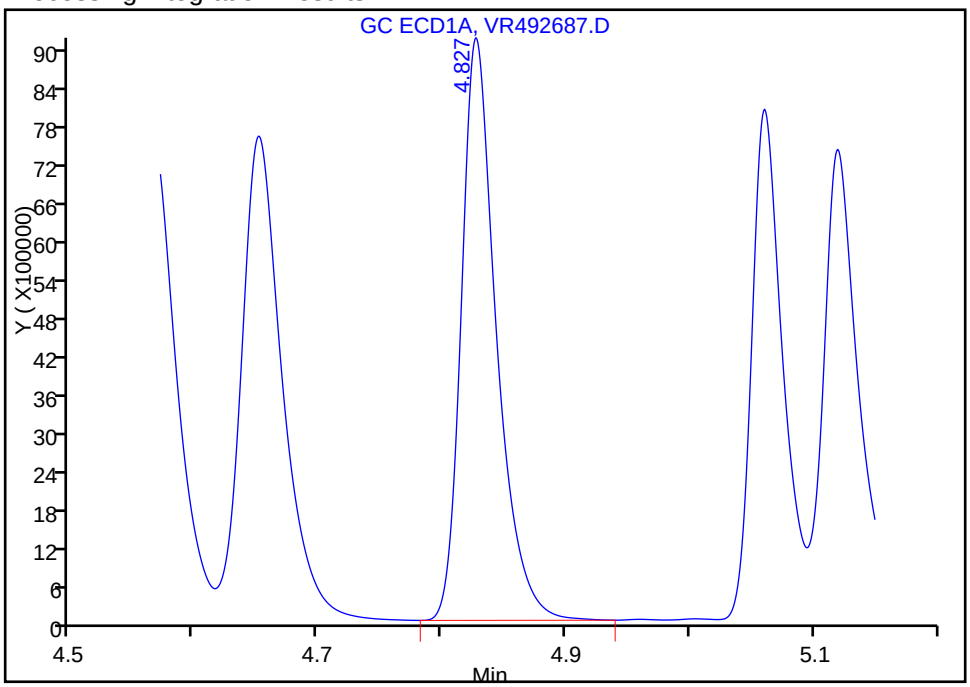
TestAmerica Edison

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Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

30 Dieldrin, CAS: 60-57-1

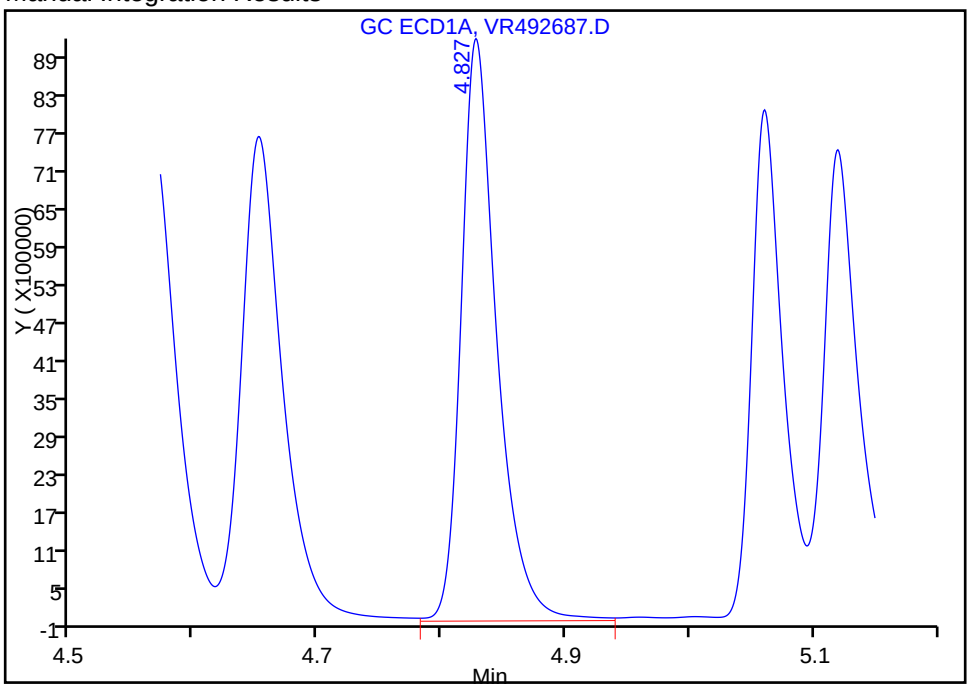
Processing Integration Results

RT: 4.83
Response: 17988289
Amount: 169.7886



Manual Integration Results

RT: 4.83
Response: 18404604
Amount: 173.7182



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

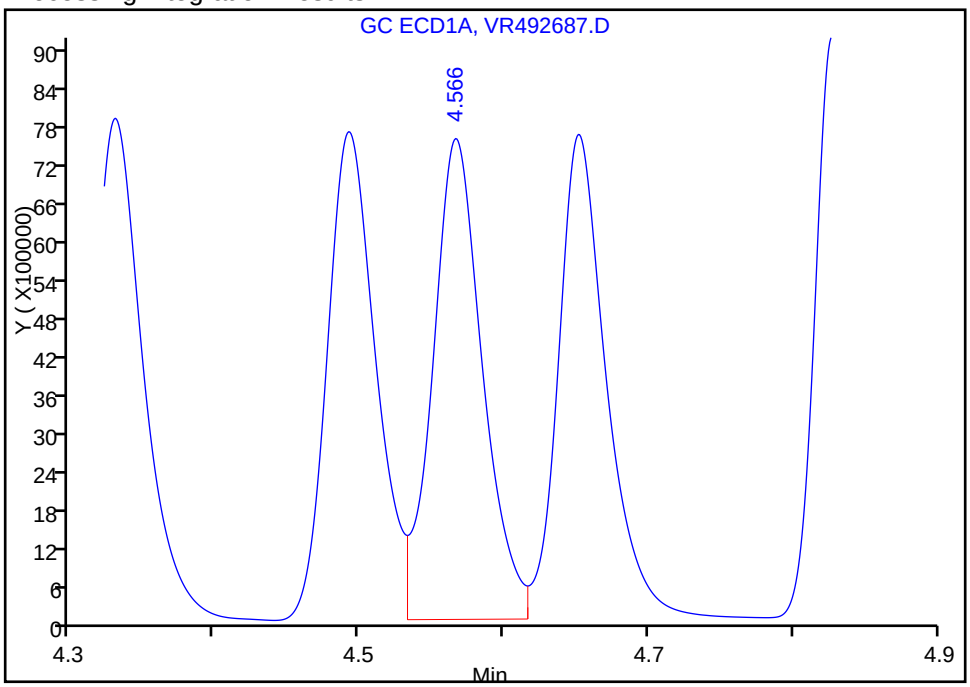
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

7 Endosulfan I, CAS: 959-98-8

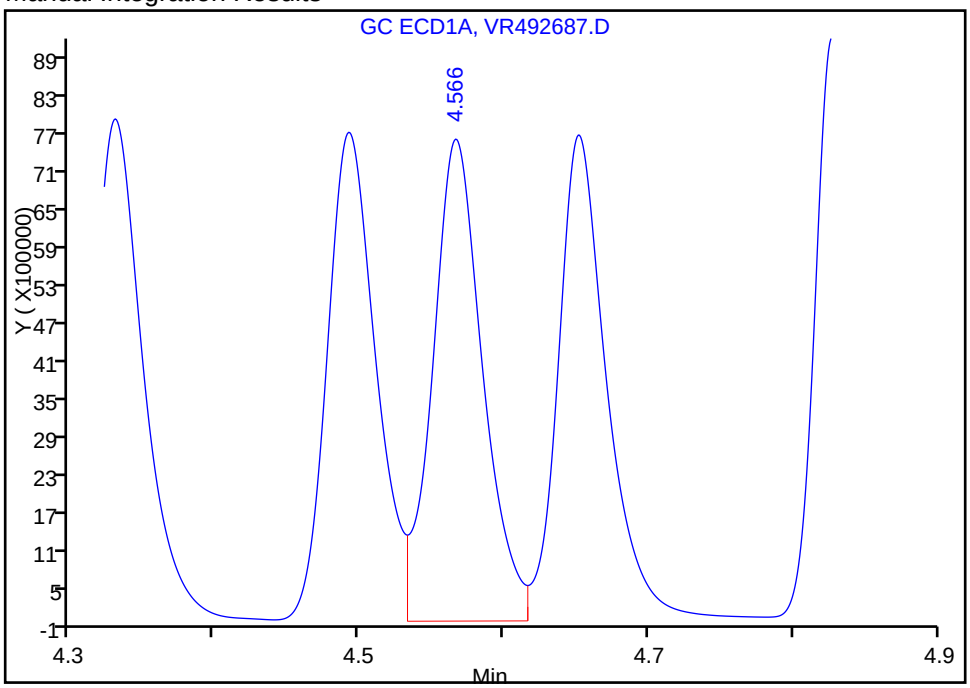
Processing Integration Results

RT: 4.57
Response: 18075464
Amount: 173.9118



Manual Integration Results

RT: 4.57
Response: 18253249
Amount: 175.6223



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

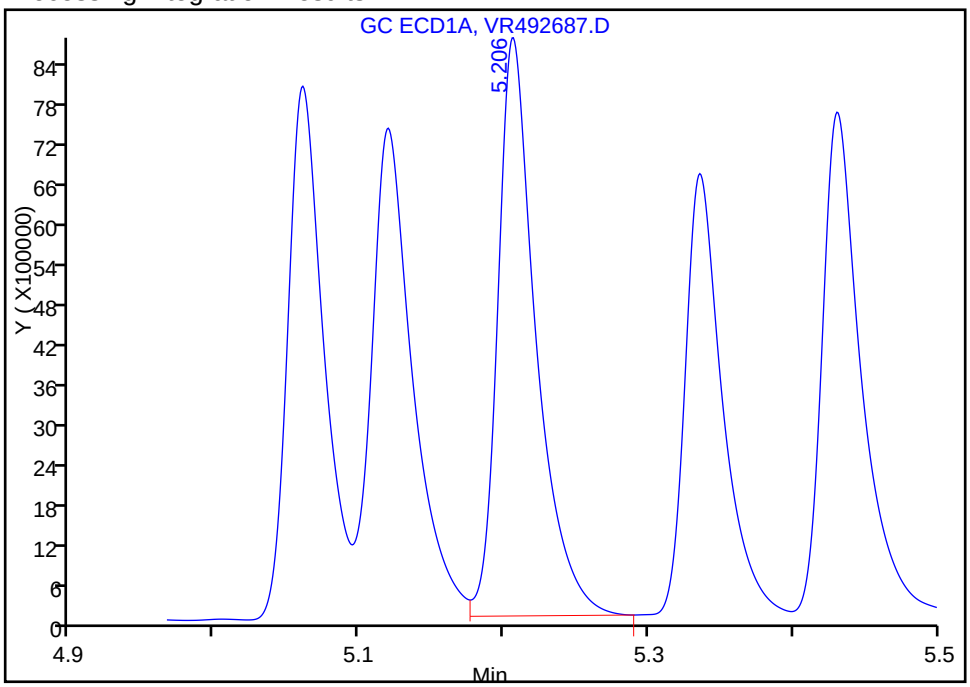
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9

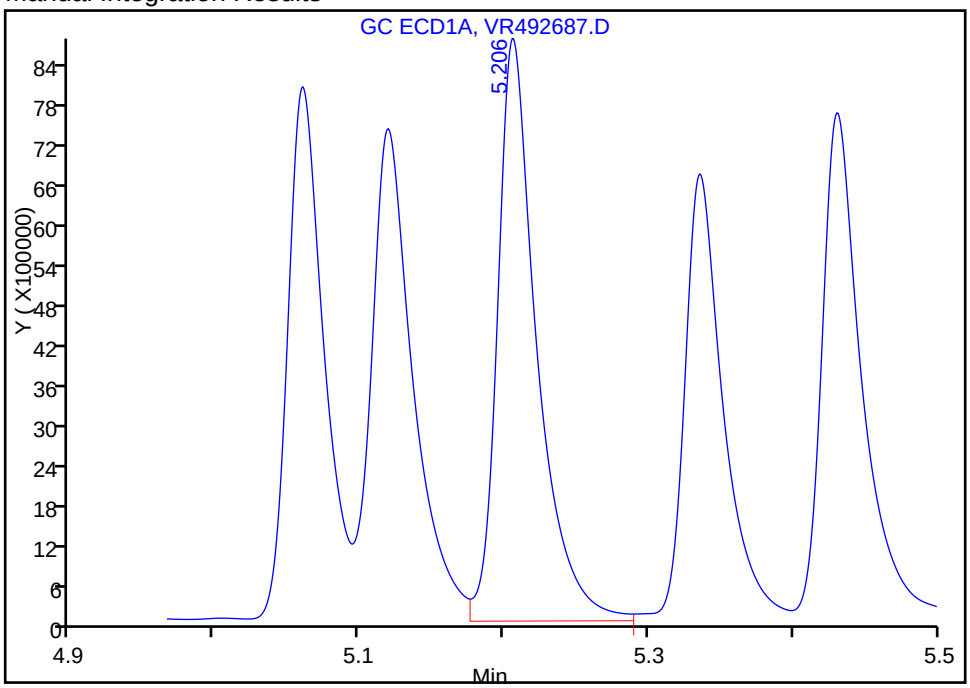
Processing Integration Results

RT: 5.21
Response: 15975460
Amount: 159.0021



Manual Integration Results

RT: 5.21
Response: 16616663
Amount: 165.3840



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

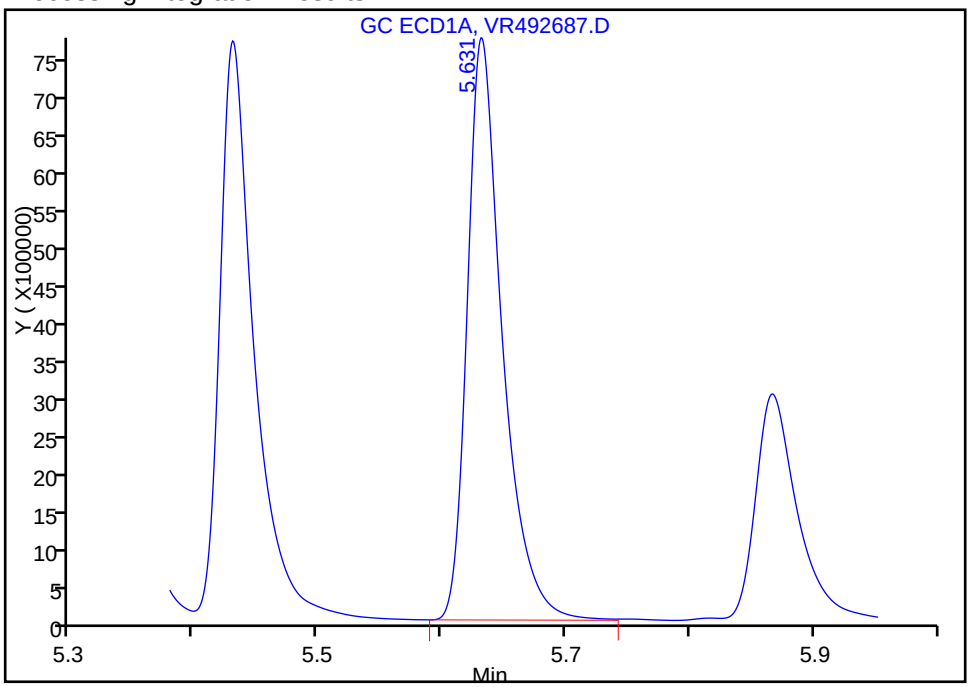
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

3 Endosulfan sulfate, CAS: 1031-07-8

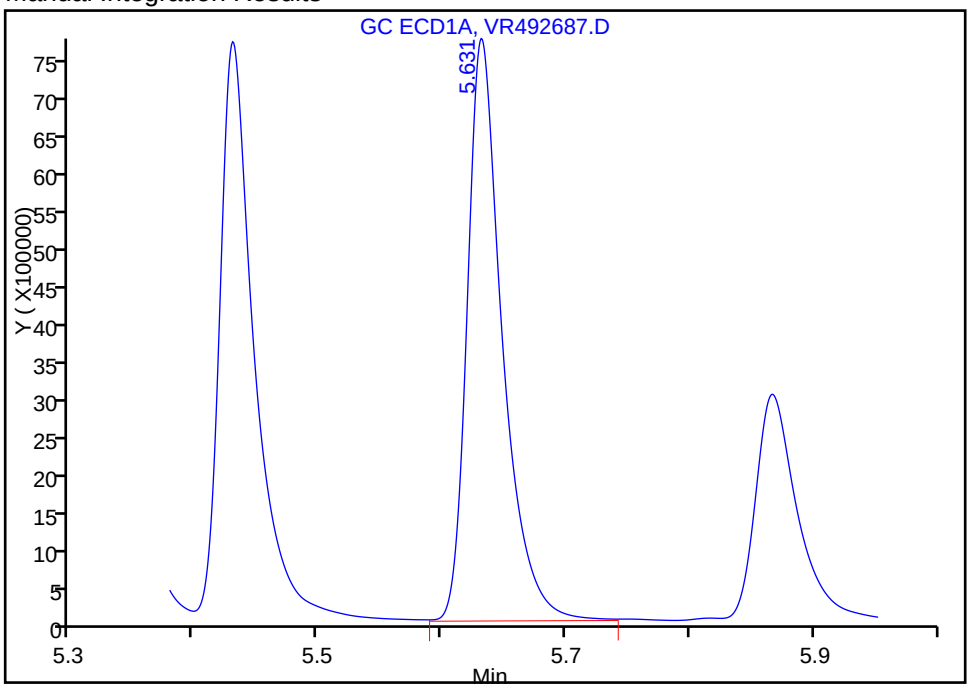
Processing Integration Results

RT: 5.63
Response: 15061889
Amount: 162.3226



Manual Integration Results

RT: 5.63
Response: 15153366
Amount: 163.3085



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

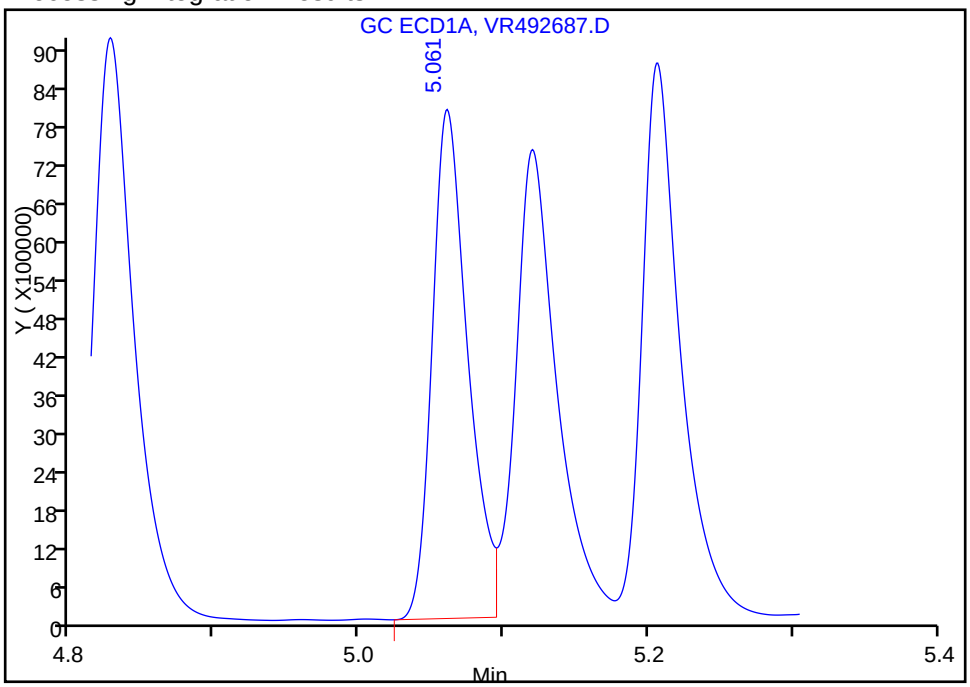
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

20 Endrin, CAS: 72-20-8

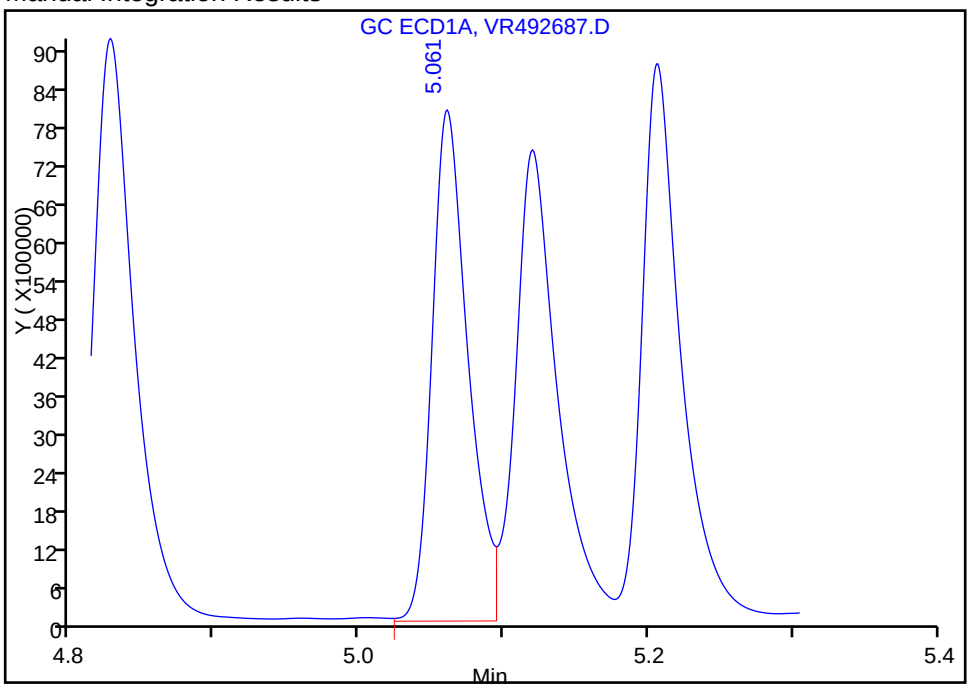
Processing Integration Results

RT: 5.06
Response: 13675295
Amount: 158.5351



Manual Integration Results

RT: 5.06
Response: 13939554
Amount: 161.5986



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

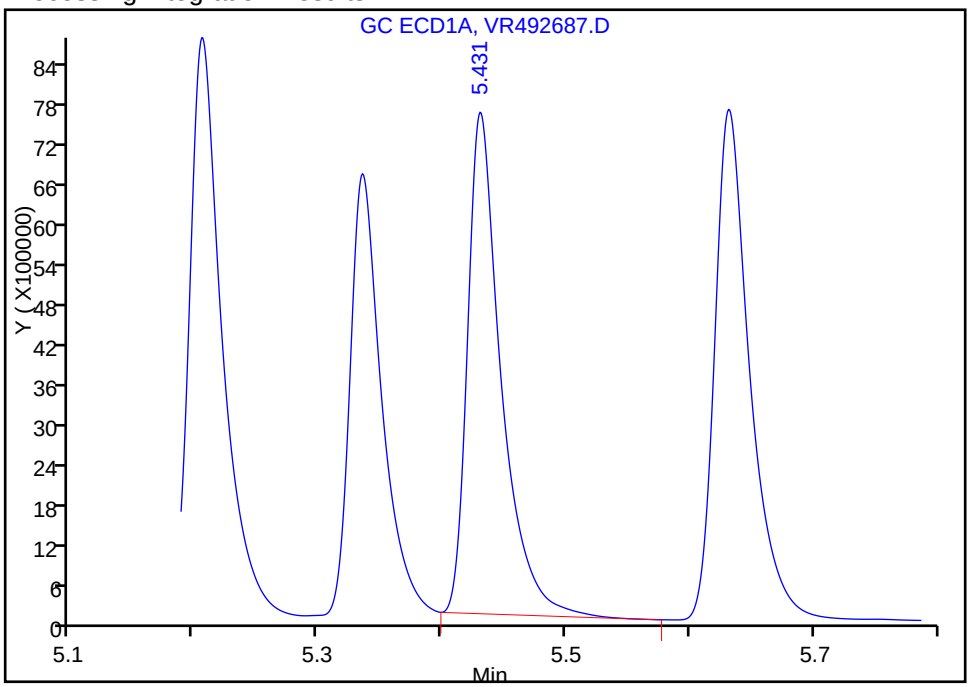
TestAmerica Edison

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Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

5 Endrin aldehyde, CAS: 7421-93-4

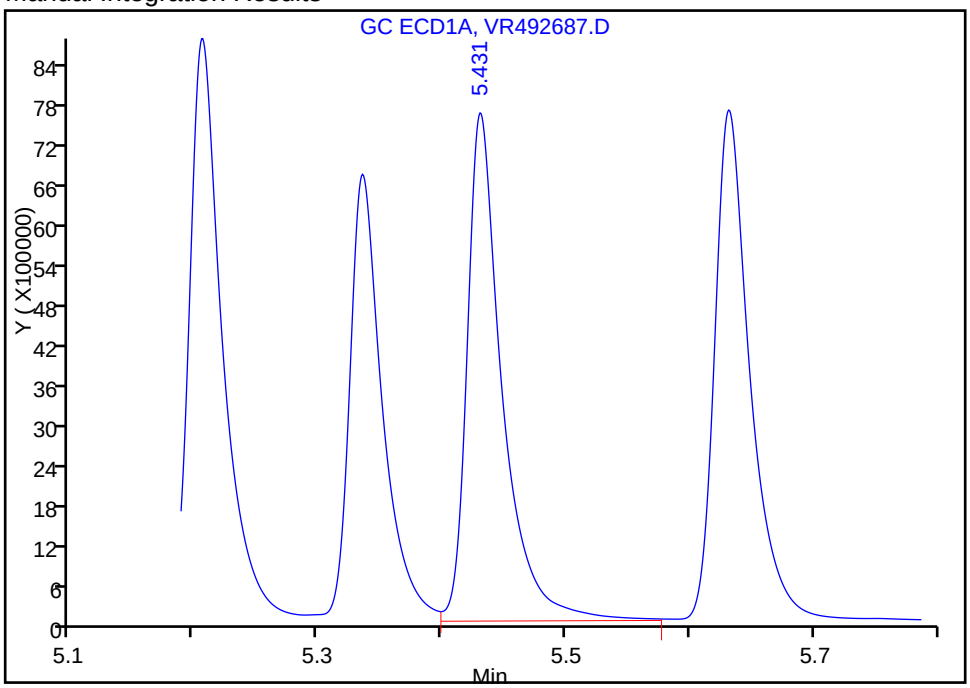
Processing Integration Results

RT: 5.43
Response: 14171622
Amount: 162.4874



Manual Integration Results

RT: 5.43
Response: 15043667
Amount: 172.4860



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

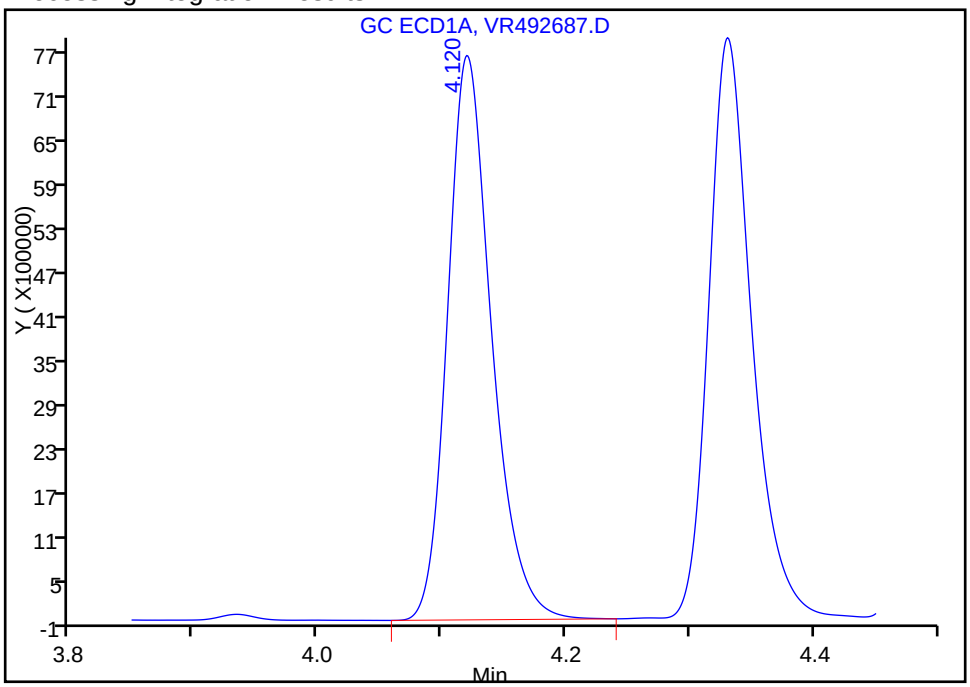
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3

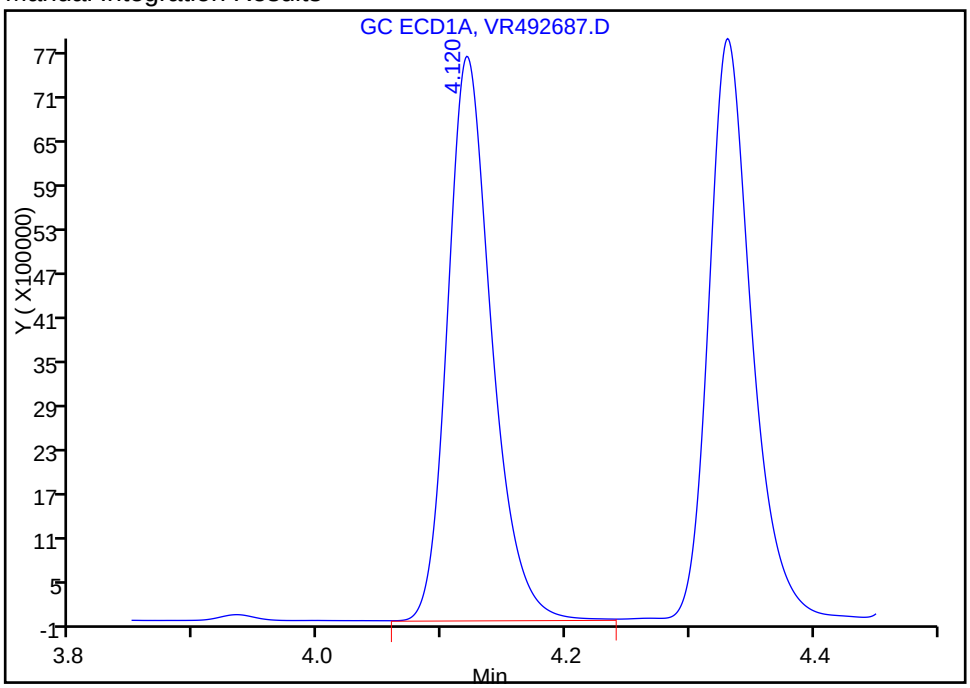
Processing Integration Results

RT: 4.12
Response: 18996221
Amount: 167.1350



Manual Integration Results

RT: 4.12
Response: 19123184
Amount: 168.2521



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

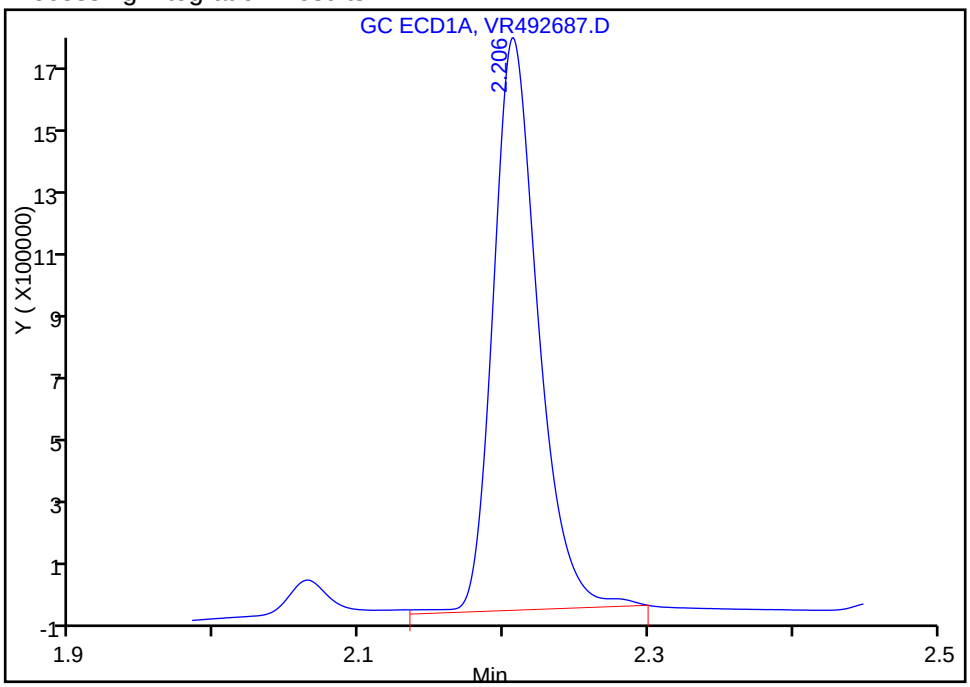
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 4 Tetrachloro-m-xylene, CAS: 877-09-8

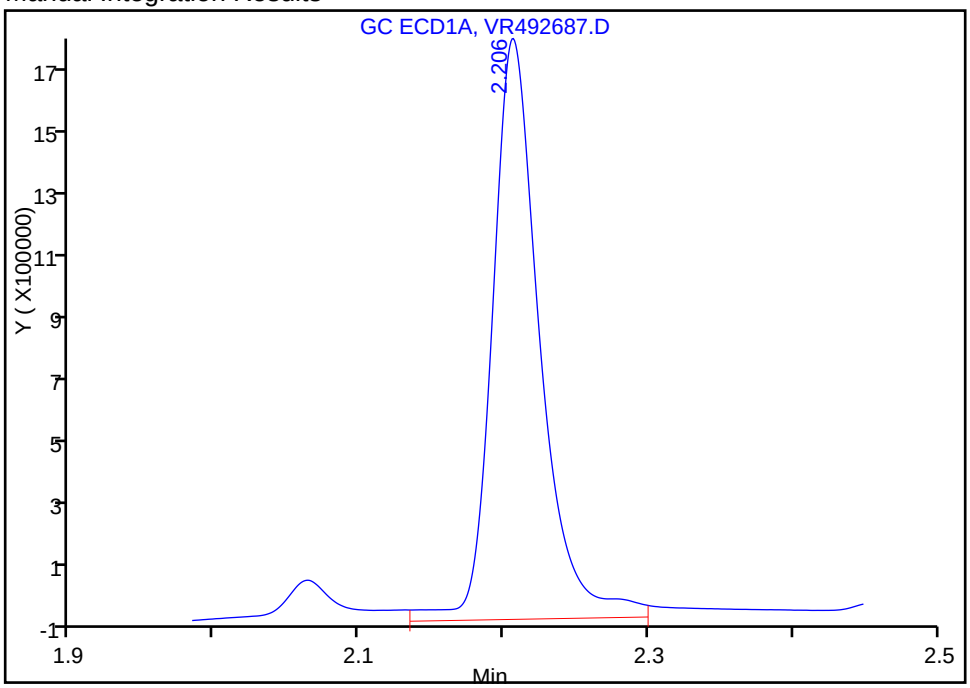
Processing Integration Results

RT: 2.21
Response: 3923634
Amount: 36.449765



Manual Integration Results

RT: 2.21
Response: 4213862
Amount: 39.145924



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

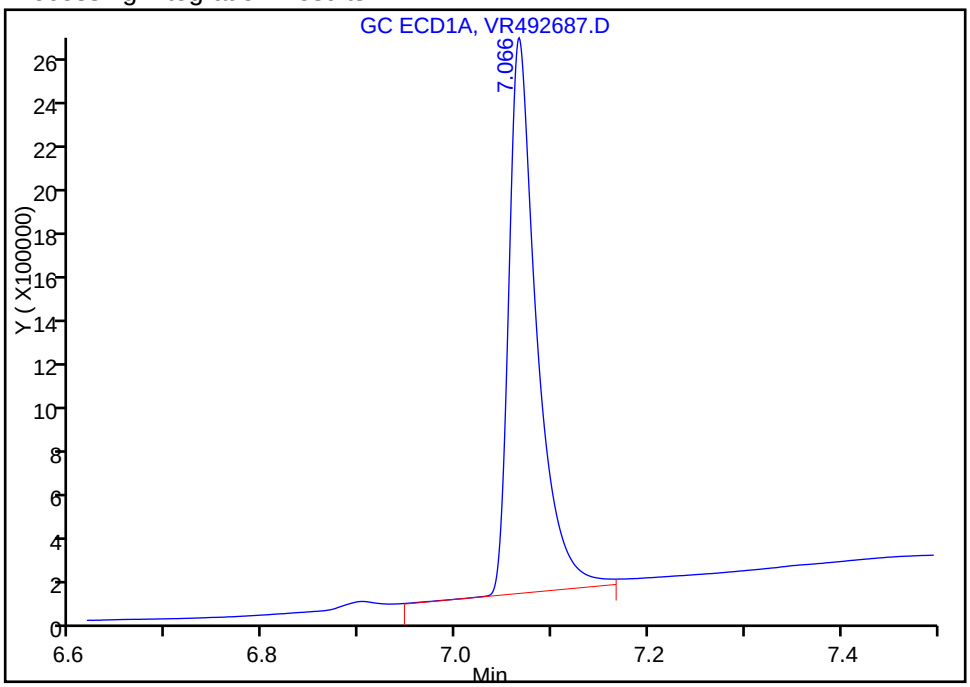
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

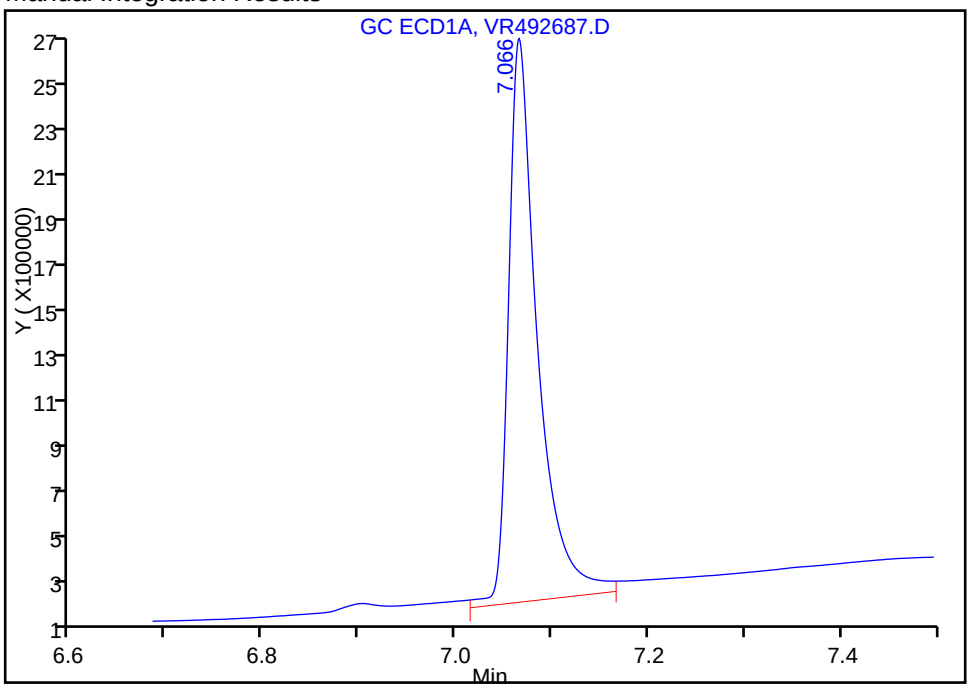
Processing Integration Results

RT: 7.07
Response: 4879573
Amount: 37.154428



Manual Integration Results

RT: 7.07
Response: 5122910
Amount: 40.090820



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-231796/2-A

Matrix: Solid Lab File ID: VR492687.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3546 Date Extracted: 06/20/2014 03:13

Sample wt/vol: 15.00(g) Date Analyzed: 06/20/2014 12:44

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.: 231911 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.117		0.0067	0.0014
319-84-6	*alpha-BHC*	*0.116*		*0.0067*	*0.0015*
319-85-7	*beta-BHC*	*0.111*		*0.0067*	*0.0016*
319-86-8	*delta-BHC*	*0.117*		*0.0067*	*0.0012*
58-89-9	*gamma-BHC (Lindane)*	*0.117*		*0.0067*	*0.0012*
72-54-8	*4,4'-DDD*	*0.114*		*0.0067*	*0.0013*
72-55-9	*4,4'-DDE*	*0.112*		*0.0067*	*0.0013*
50-29-3	4,4'-DDT	0.109		0.0067	0.0016
60-57-1	*Dieldrin*	*0.110*		*0.0067*	*0.0012*
959-98-8	*Endosulfan I*	*0.110*		*0.0067*	*0.0015*
33213-65-9	Endosulfan II	0.115		0.0067	0.0013
1031-07-8	Endosulfan sulfate	0.110		0.0067	0.0013
72-20-8	*Endrin*	*0.107*		*0.0067*	*0.0016*
7421-93-4	*Endrin aldehyde*	*0.110*		*0.0067*	*0.0010*
76-44-8	*Heptachlor*	*0.108*		*0.0067*	*0.0016*
1024-57-3	*Heptachlor epoxide*	*0.103*		*0.0067*	*0.0015*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		72-136
2051-24-3	DCB Decachlorobiphenyl	78		76-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Lims ID: LCS 460-231796/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2014 12:44:03 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 12:52:52 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 12:48:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							M
1	2.206	2.212	-0.006	4213862	50.0	39.1	M
2	1.887	1.893	-0.006	5397183	50.0	41.8	
						RPD = 6.45	
15 alpha-BHC							
1	2.617	2.623	-0.006	21353257	200.0	174.8	
2	2.191	2.198	-0.007	27042325	200.0	173.3	
						RPD = 0.87	
2 gamma-BHC (Lindane)							M
1	2.877	2.883	-0.006	19254317	200.0	183.8	
2	2.377	2.384	-0.007	24766699	200.0	176.2	M
						RPD = 4.22	
6 beta-BHC							M
1	2.925	2.930	-0.005	11980642	200.0	182.9	
2	2.426	2.432	-0.006	14150444	200.0	165.8	M
						RPD = 9.81	
32 delta-BHC							M
1	3.169	3.175	-0.006	19334637	200.0	180.8	
2	2.540	2.547	-0.007	25103958	200.0	176.1	M
						RPD = 2.67	
18 Heptachlor							M
1	3.239	3.245	-0.006	21248548	200.0	170.4	
2	2.666	2.673	-0.007	25690340	200.0	162.6	M
						RPD = 4.67	
8 Aldrin							M
1	3.536	3.543	-0.007	19466751	200.0	170.4	
2	2.868	2.876	-0.008	23792619	200.0	175.4	M
						RPD = 2.90	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							M
1	4.120	4.129	-0.009	19123184	200.0	168.3	M
2	3.308	3.316	-0.008	22502483	200.0	155.1	M
						RPD = 8.14	
9 gamma-Chlordane							M
1	4.331	4.339	-0.008	19196217	200.0	175.3	M
2	3.412	3.421	-0.009	23094726	200.0	165.7	M
						RPD = 5.60	
23 alpha-Chlordane							M
1	4.492	4.500	-0.008	17986770	200.0	171.3	M
2	3.525	3.534	-0.009	21464399	200.0	161.2	M
						RPD = 6.08	
7 Endosulfan I							M
1	4.566	4.574	-0.008	18253249	200.0	175.6	M
2	3.645	3.654	-0.009	23513653	200.0	165.0	M
						RPD = 6.27	
25 4,4'-DDE							M
1	4.651	4.658	-0.007	17981210	200.0	178.9	M
2	3.585	3.594	-0.009	21932045	200.0	168.3	M
						RPD = 6.08	
30 Dieldrin							M
1	4.827	4.833	-0.006	18404604	200.0	173.7	M
2	3.873	3.884	-0.011	23288847	200.0	164.5	M
						RPD = 5.44	
20 Endrin							M
1	5.061	5.064	-0.003	13939554	200.0	161.6	M
2	4.120	4.131	-0.011	19432193	200.0	161.2	M
						RPD = 0.22	
16 4,4'-DDD							M
1	5.120	5.124	-0.004	14905641	200.0	177.2	M
2	4.188	4.199	-0.011	20344536	200.0	171.1	M
						RPD = 3.53	
11 Endosulfan II							M
1	5.206	5.209	-0.003	16616663	200.0	165.4	M
2	4.359	4.369	-0.010	21297773	200.0	172.3	M
						RPD = 4.08	
21 4,4'-DDT							M
1	5.336	5.339	-0.003	12435685	200.0	160.5	M
2	4.486	4.496	-0.010	17972649	200.0	162.9	M
						RPD = 1.48	
5 Endrin aldehyde							M
1	5.431	5.434	-0.003	15043667	200.0	172.5	M
2	4.761	4.769	-0.008	18225995	200.0	164.9	M
						RPD = 4.49	
3 Endosulfan sulfate							M
1	5.631	5.635	-0.004	15153366	200.0	163.3	M
2	4.928	4.934	-0.006	9764172	200.0	165.3	M
						RPD = 1.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							M
1	5.866	5.869	-0.003	7035005	200.0	171.1	M
2	5.071	5.078	-0.007	17528762	200.0	172.1	M
						RPD = 0.59	
13 Endrin ketone							M
1	6.101	6.105	-0.004	19424769	200.0	177.6	M
2	5.266	5.271	-0.005	20959762	200.0	168.8	M
						RPD = 5.07	
$ 24 DCB Decachlorobiphenyl							M
1	7.066	7.065	0.001	5122910	50.0	40.1	M
2	6.065	6.068	-0.003	5936553	50.0	38.8	M
						RPD = 3.23	

QC Flag Legend

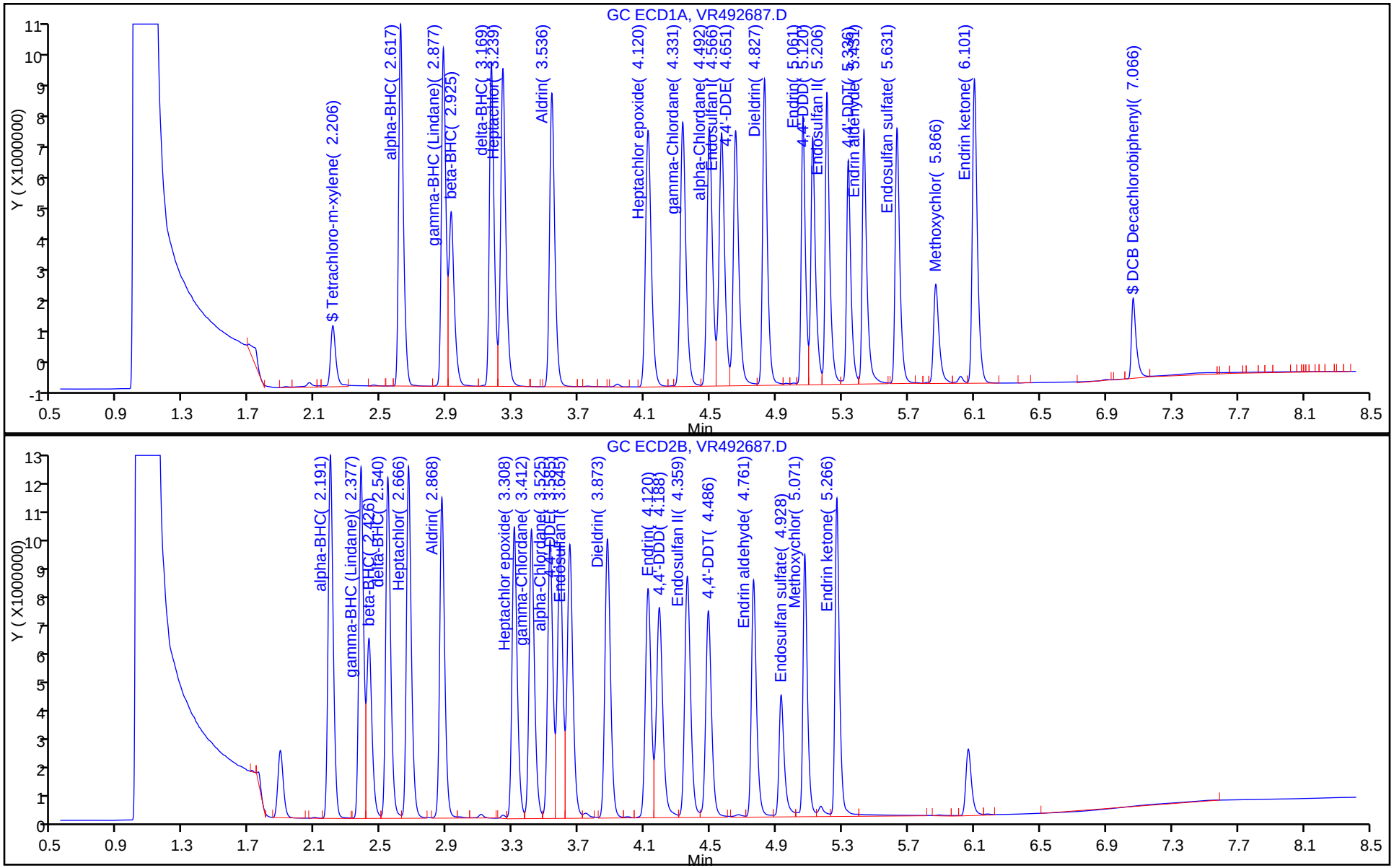
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 12:52:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D

Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-231796/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

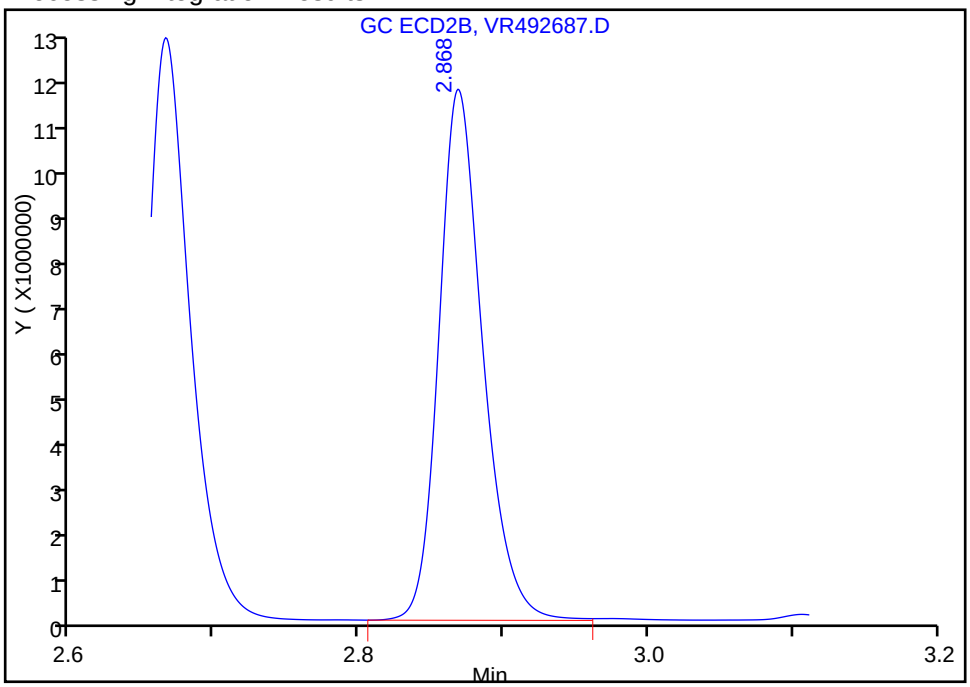
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

8 Aldrin, CAS: 309-00-2

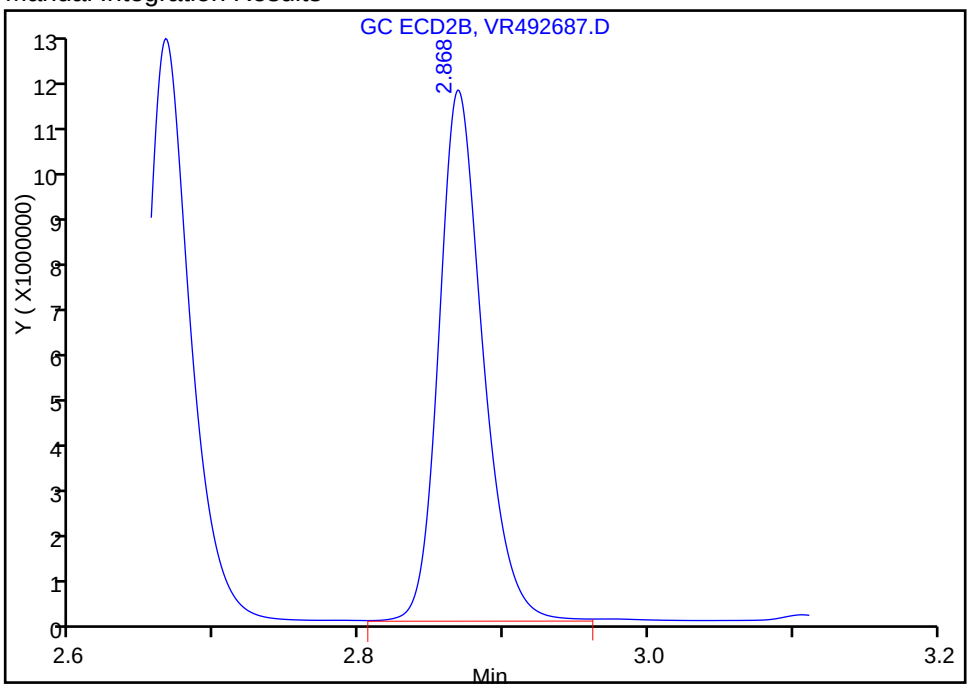
Processing Integration Results

RT: 2.87
Response: 23704299
Amount: 174.7917



Manual Integration Results

RT: 2.87
Response: 23792619
Amount: 175.4322



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

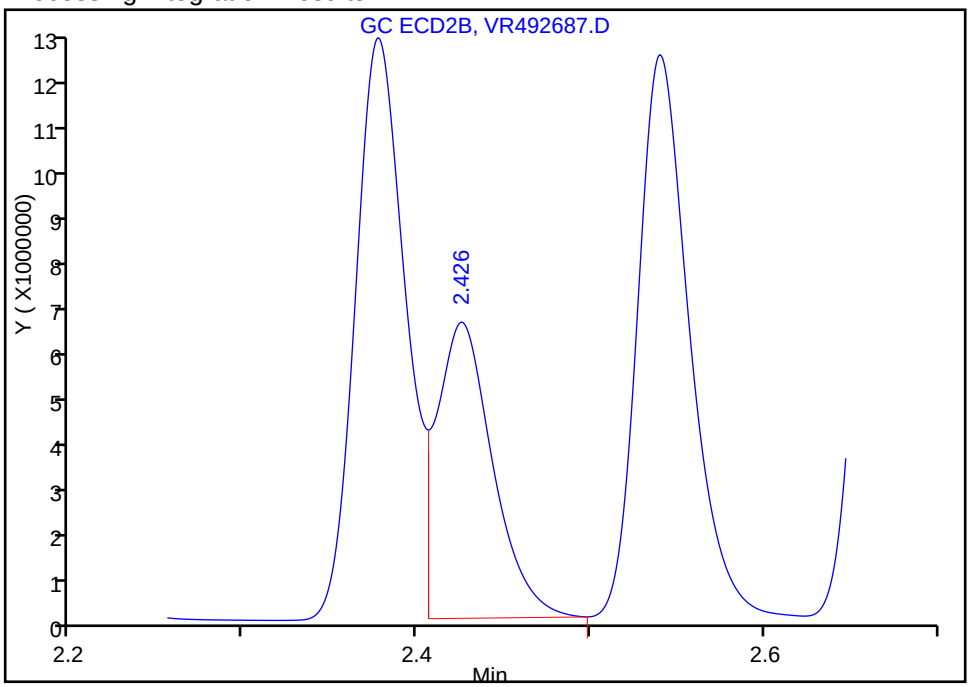
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7

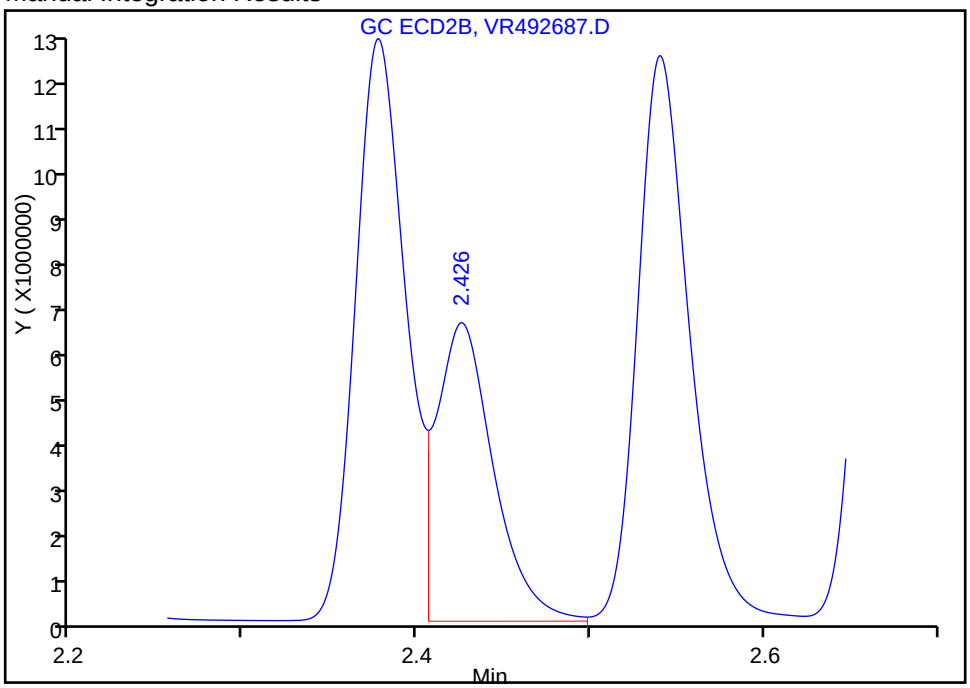
Processing Integration Results

RT: 2.43
Response: 13780462
Amount: 161.4445



Manual Integration Results

RT: 2.43
Response: 14150444
Amount: 165.7790



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

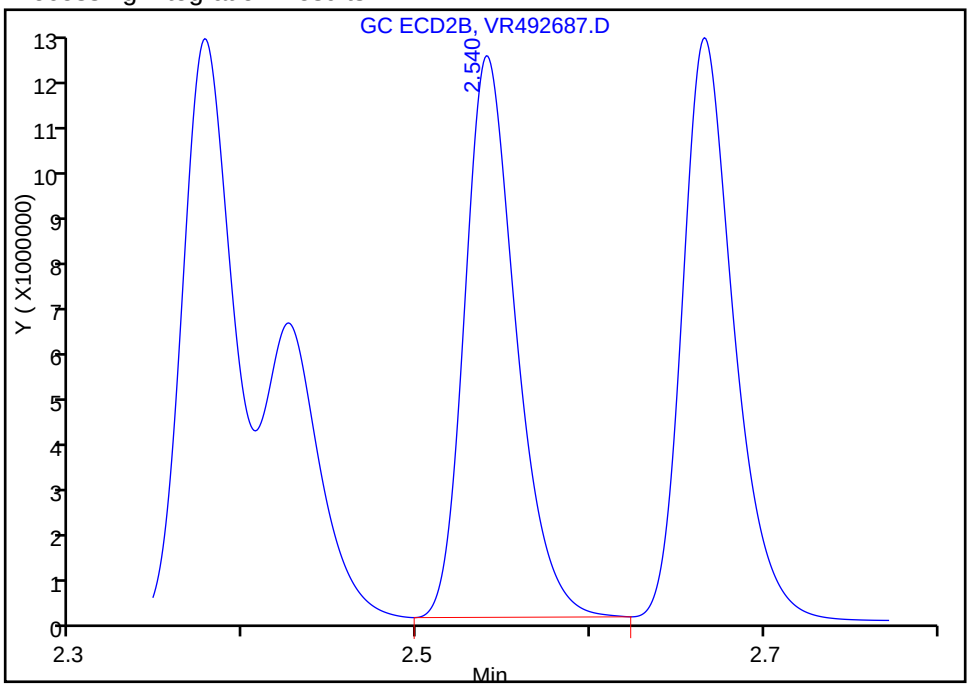
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

32 delta-BHC, CAS: 319-86-8

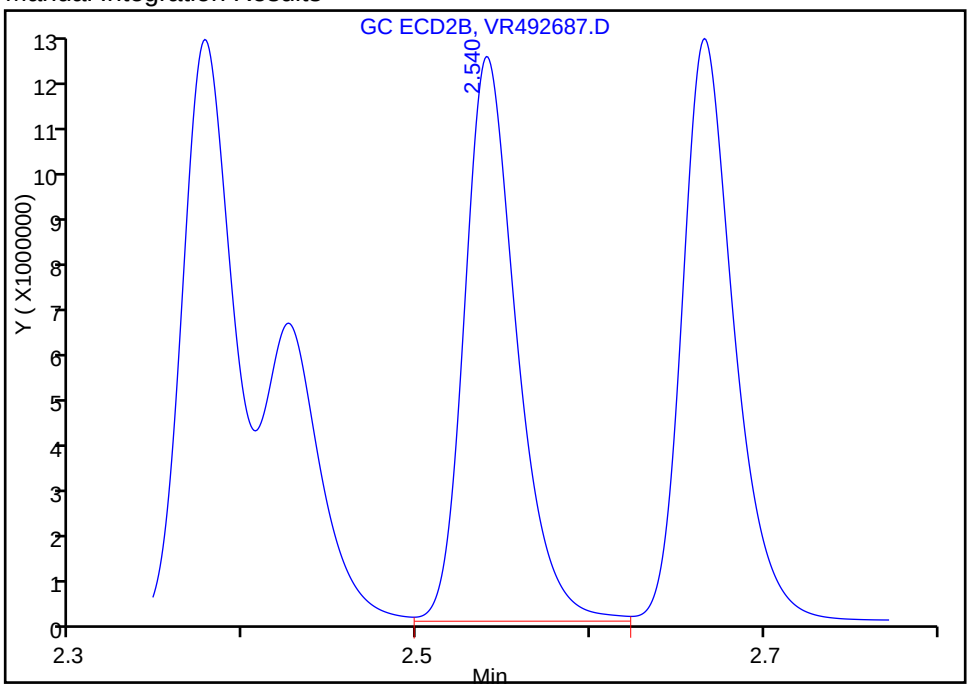
Processing Integration Results

RT: 2.54
Response: 24412991
Amount: 171.2134



Manual Integration Results

RT: 2.54
Response: 25103958
Amount: 176.0593



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

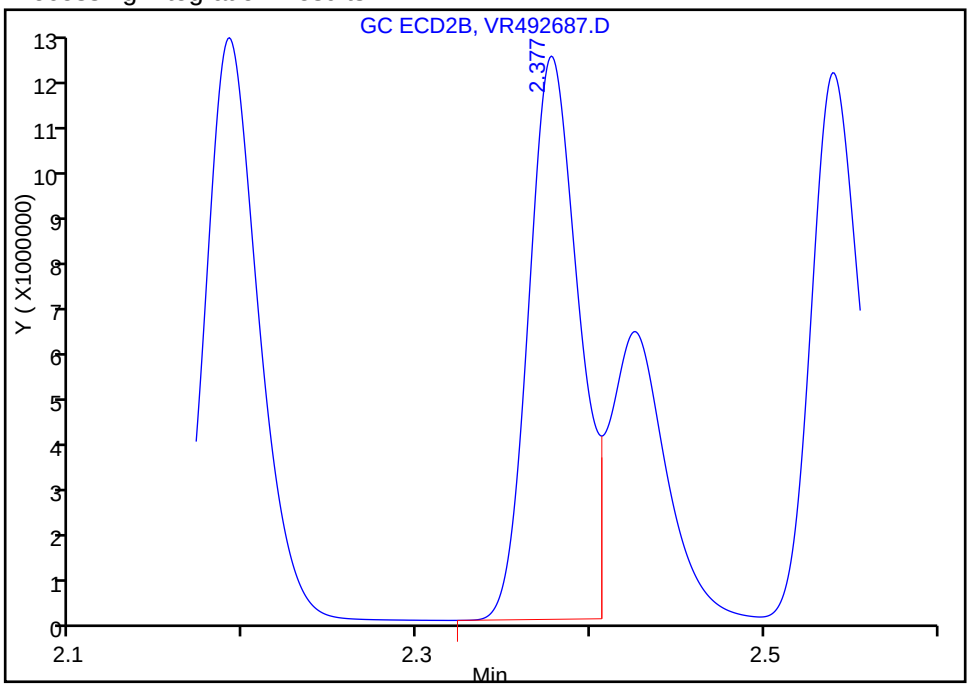
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

2 gamma-BHC (Lindane), CAS: 58-89-9

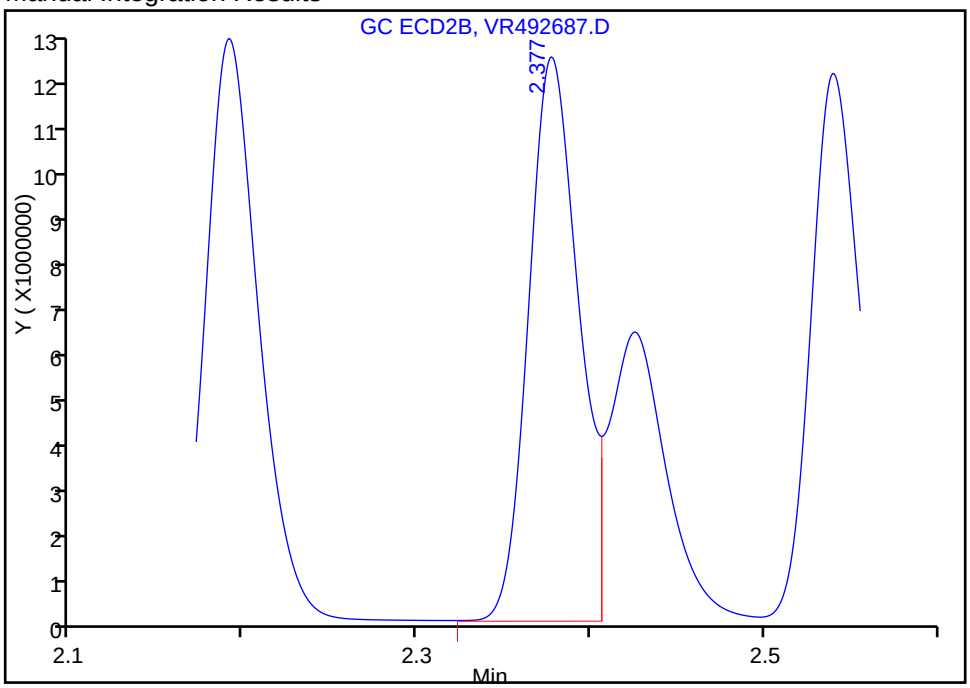
Processing Integration Results

RT: 2.38
Response: 24605907
Amount: 175.0871



Manual Integration Results

RT: 2.38
Response: 24766699
Amount: 176.2312



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

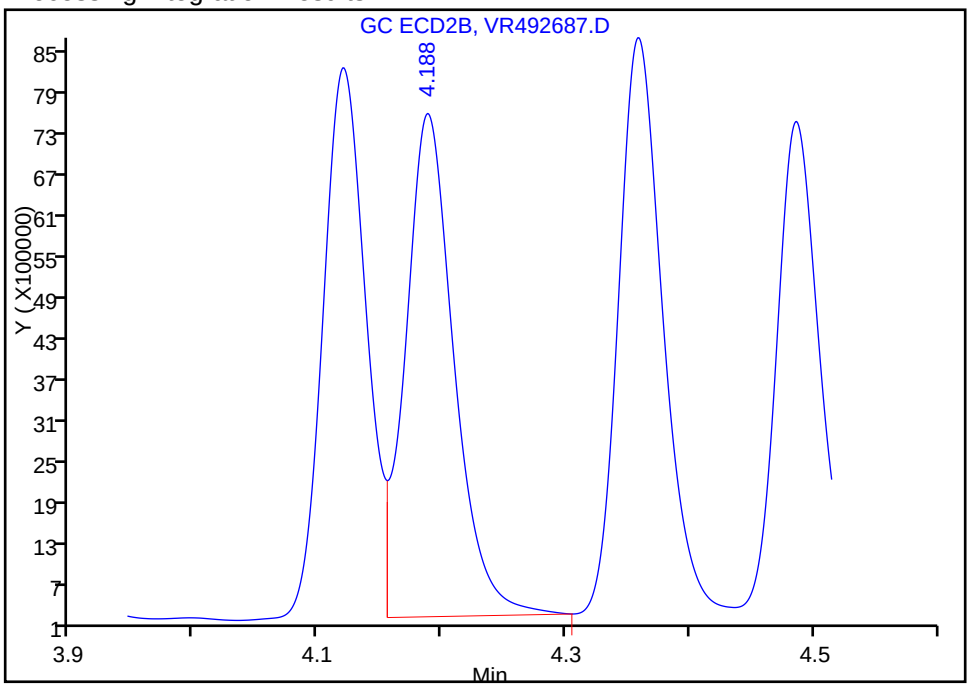
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8

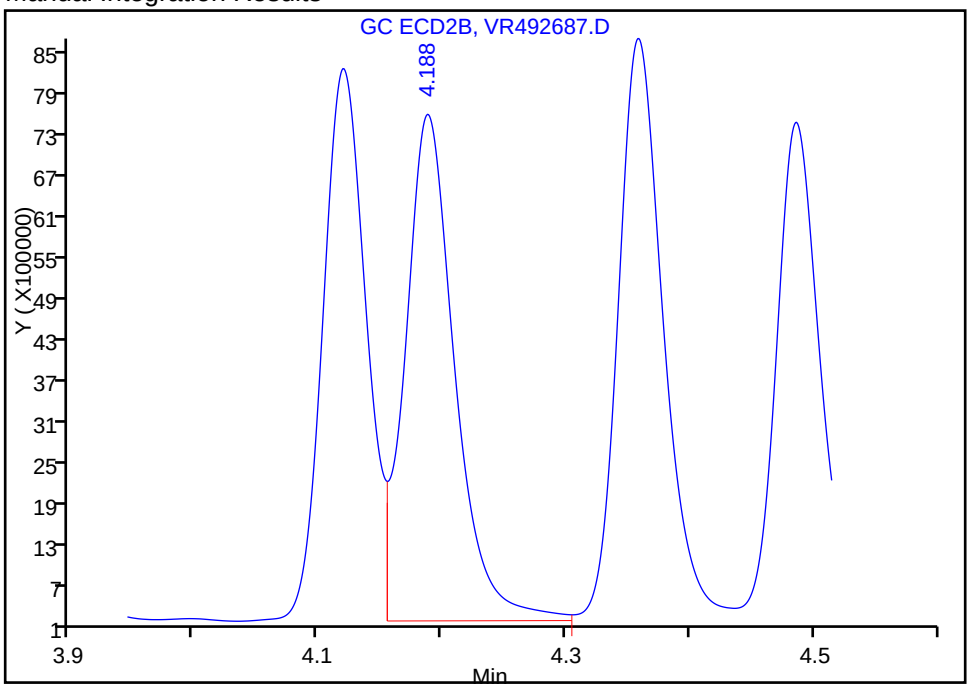
Processing Integration Results

RT: 4.19
Response: 19800779
Amount: 166.5085



Manual Integration Results

RT: 4.19
Response: 20344536
Amount: 171.0810



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

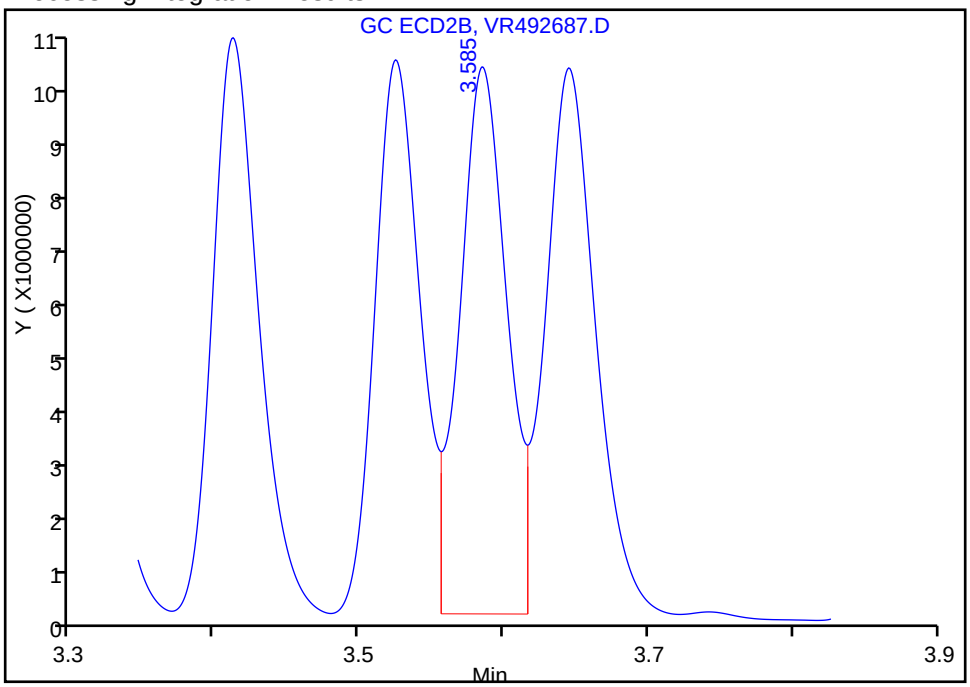
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9

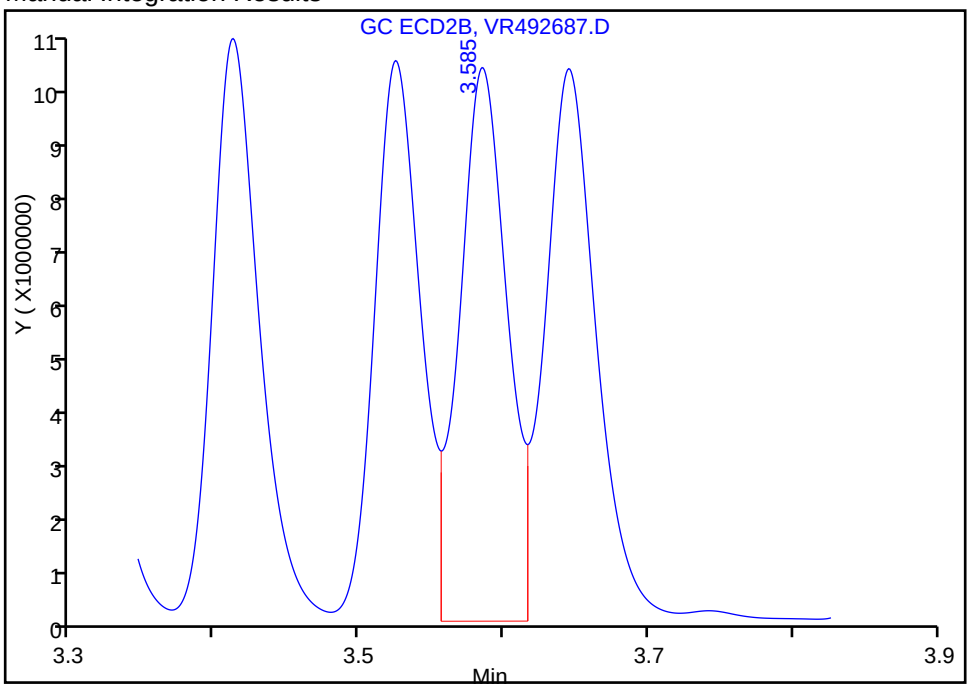
Processing Integration Results

RT: 3.58
Response: 21404830
Amount: 164.2788



Manual Integration Results

RT: 3.58
Response: 21932045
Amount: 168.3251



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

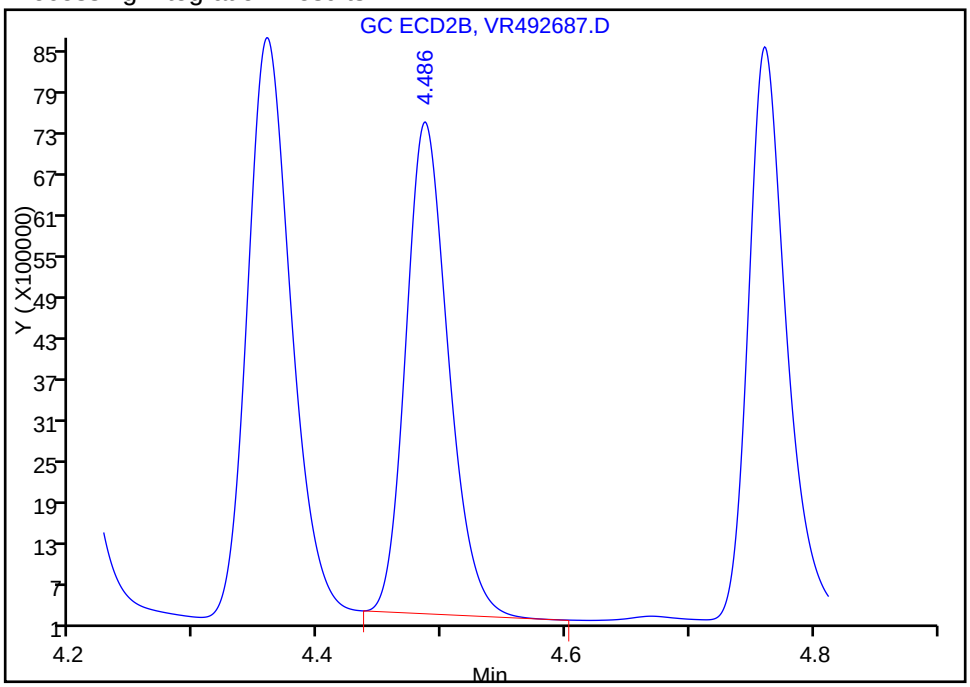
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

21 4,4'-DDT, CAS: 50-29-3

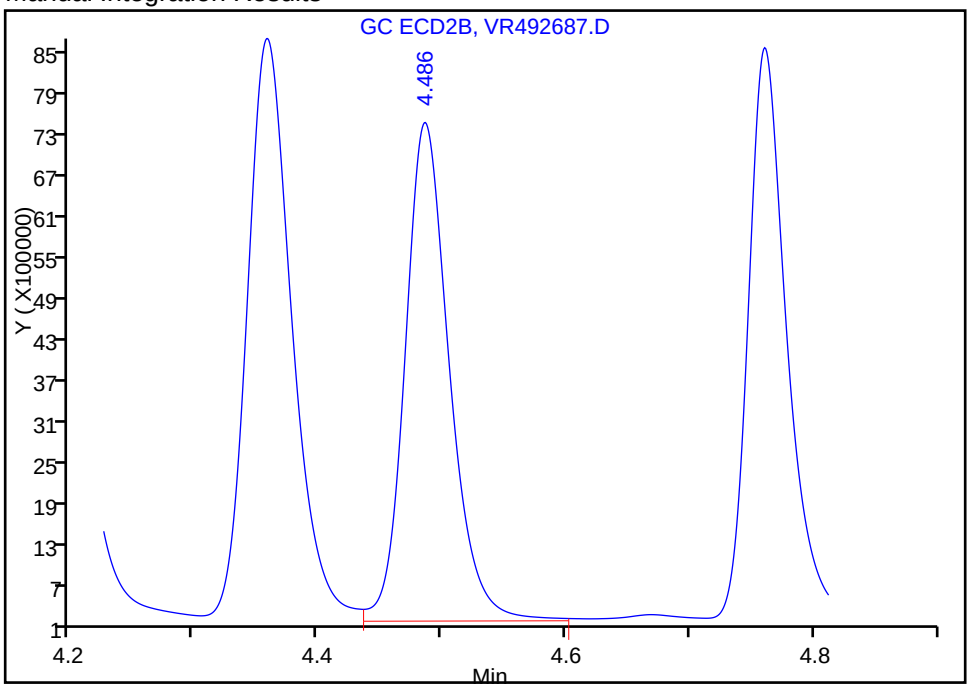
Processing Integration Results

RT: 4.49
Response: 16979197
Amount: 153.9123



Manual Integration Results

RT: 4.49
Response: 17972649
Amount: 162.9177



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

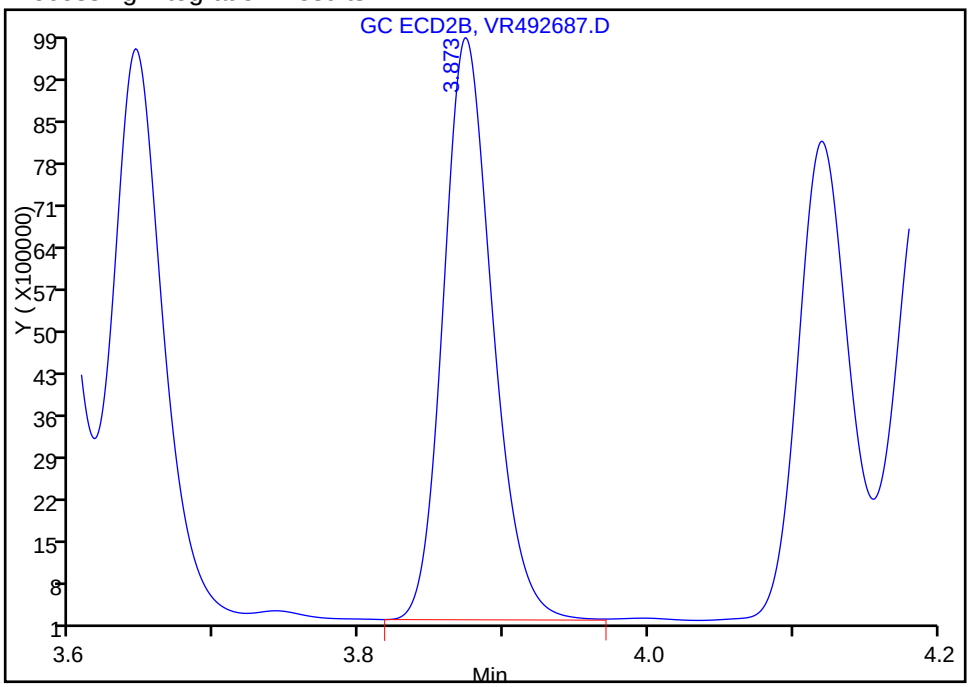
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

30 Dieldrin, CAS: 60-57-1

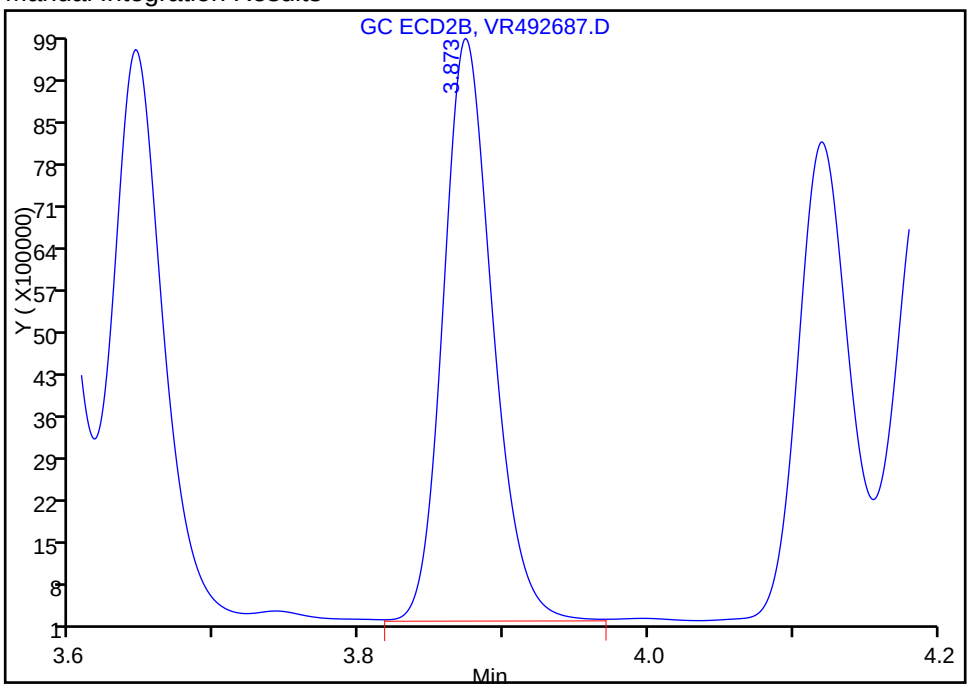
Processing Integration Results

RT: 3.87
Response: 23138477
Amount: 163.4488



Manual Integration Results

RT: 3.87
Response: 23288847
Amount: 164.5110



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

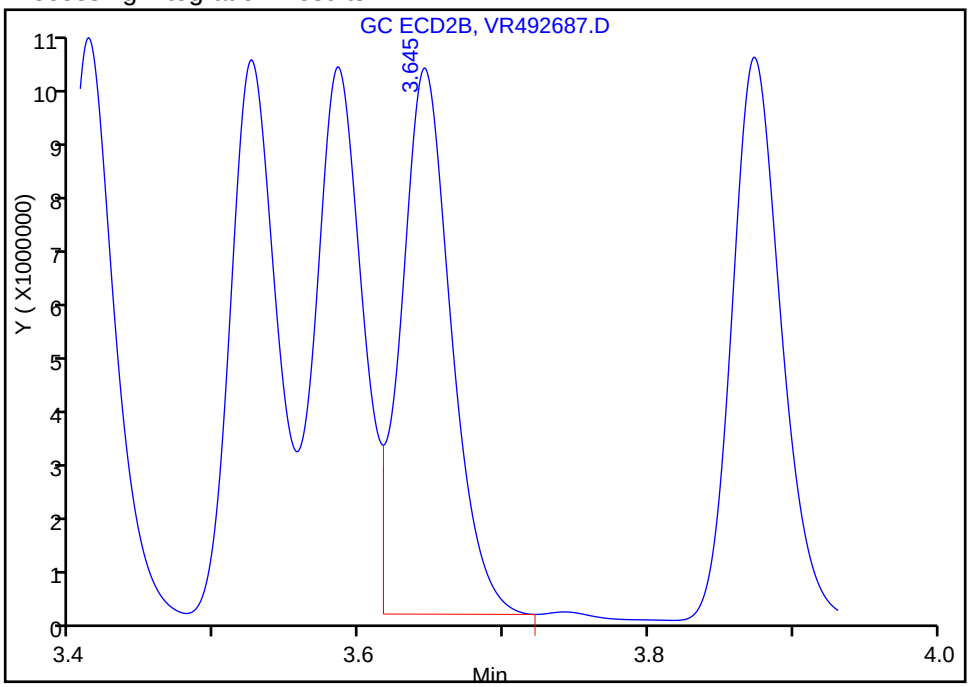
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

7 Endosulfan I, CAS: 959-98-8

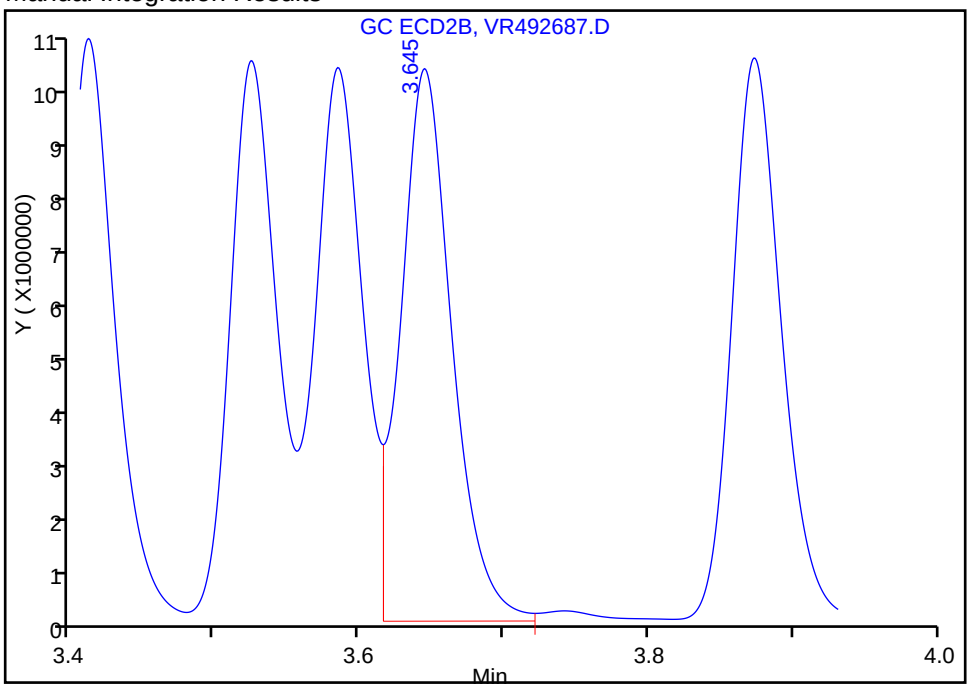
Processing Integration Results

RT: 3.64
Response: 22647258
Amount: 158.8748



Manual Integration Results

RT: 3.64
Response: 23513653
Amount: 164.9527



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

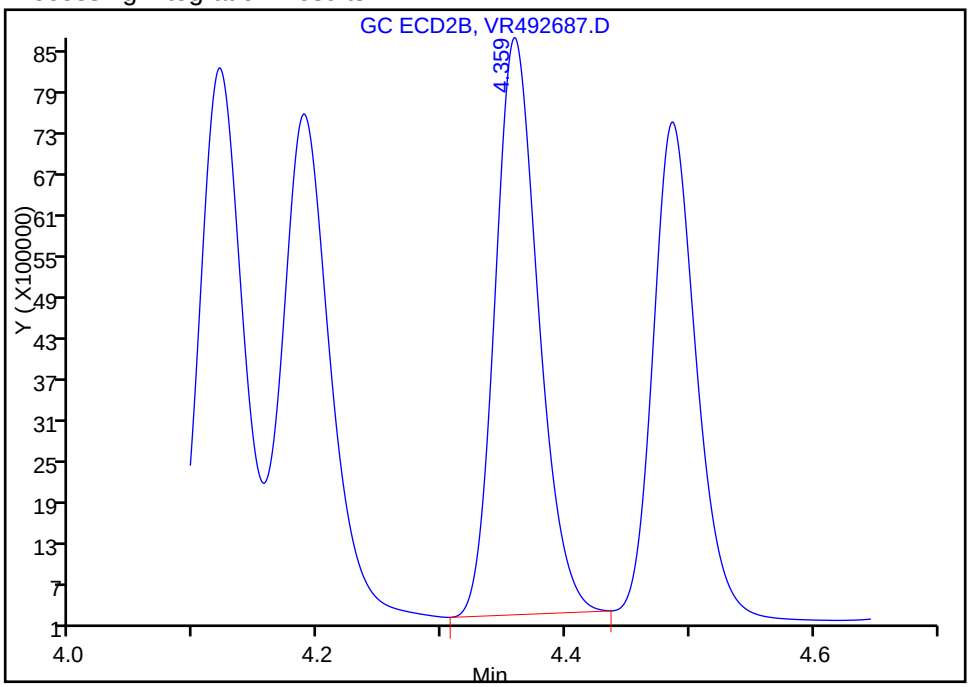
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

11 Endosulfan II, CAS: 33213-65-9

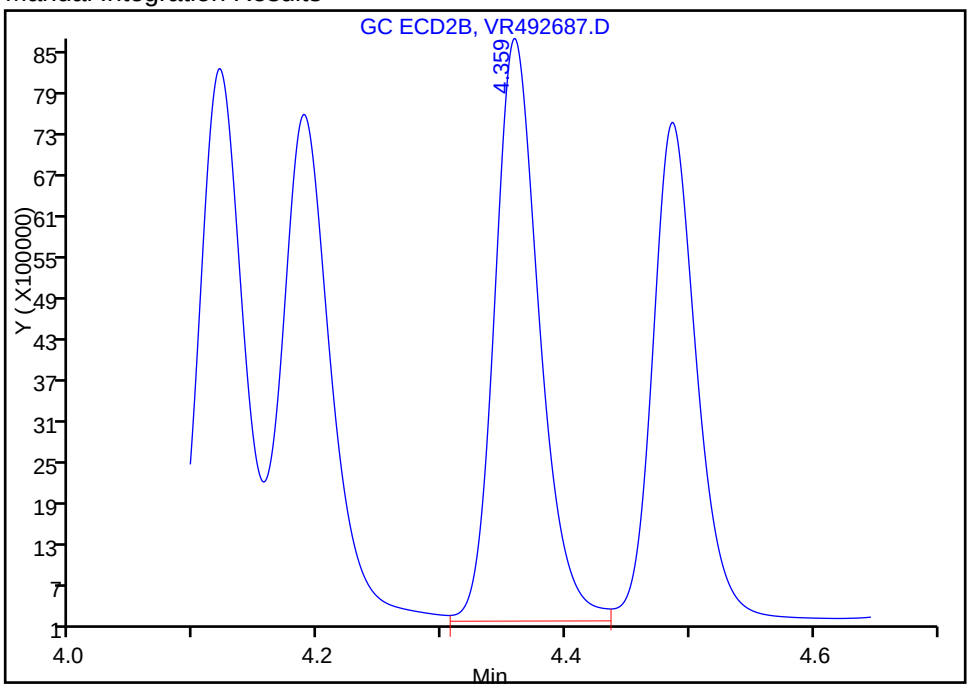
Processing Integration Results

RT: 4.36
Response: 20302333
Amount: 164.2186



Manual Integration Results

RT: 4.36
Response: 21297773
Amount: 172.2704



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

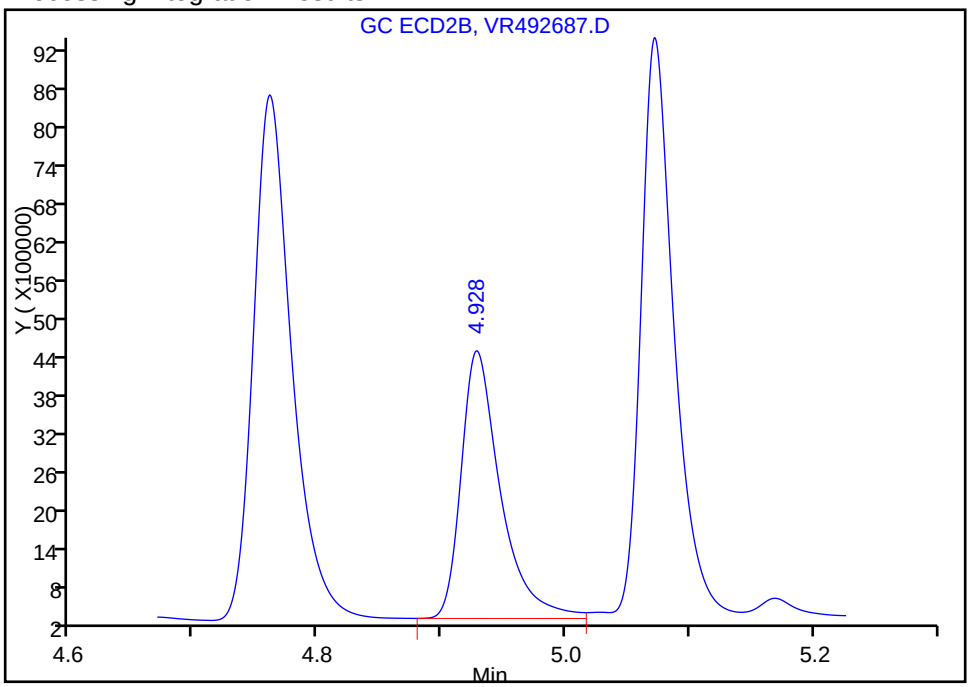
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

3 Endosulfan sulfate, CAS: 1031-07-8

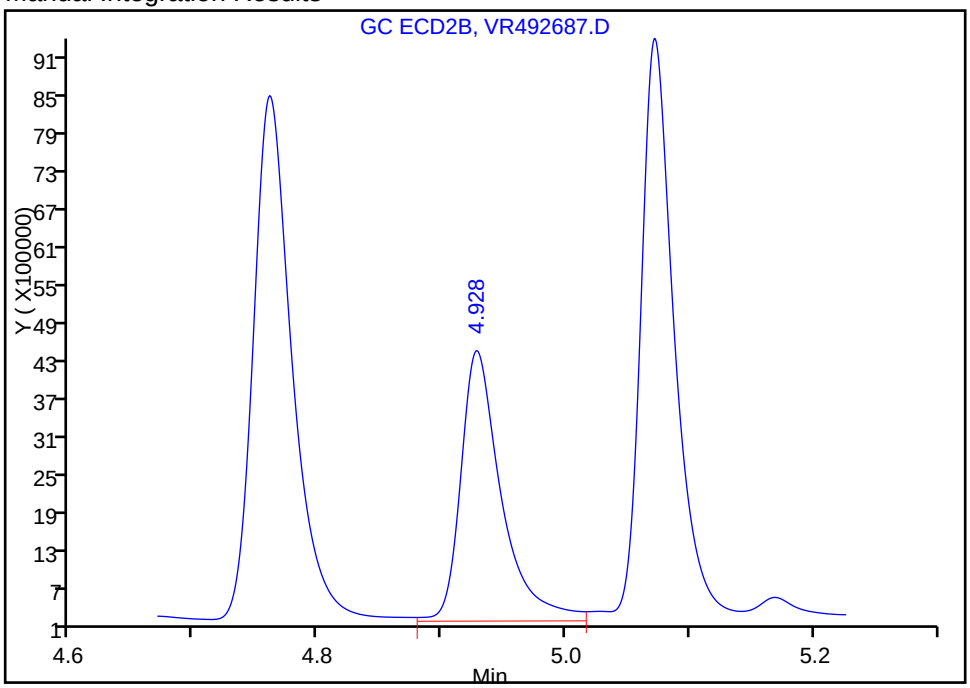
Processing Integration Results

RT: 4.93
Response: 9308588
Amount: 157.5746



Manual Integration Results

RT: 4.93
Response: 9764172
Amount: 165.2867



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

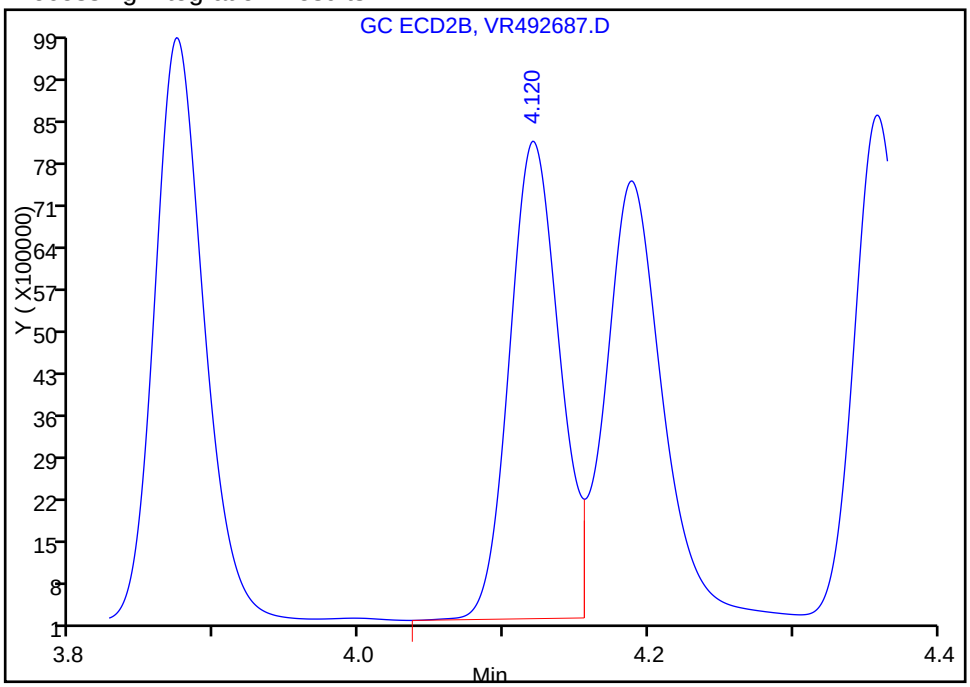
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8

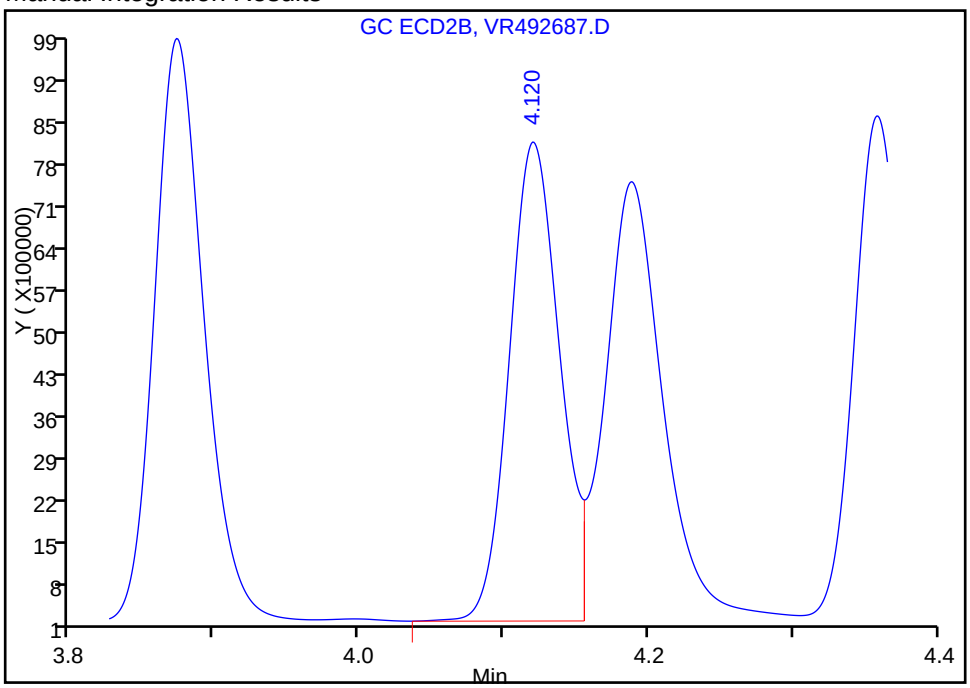
Processing Integration Results

RT: 4.12
Response: 19292021
Amount: 160.0754



Manual Integration Results

RT: 4.12
Response: 19432193
Amount: 161.2384



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

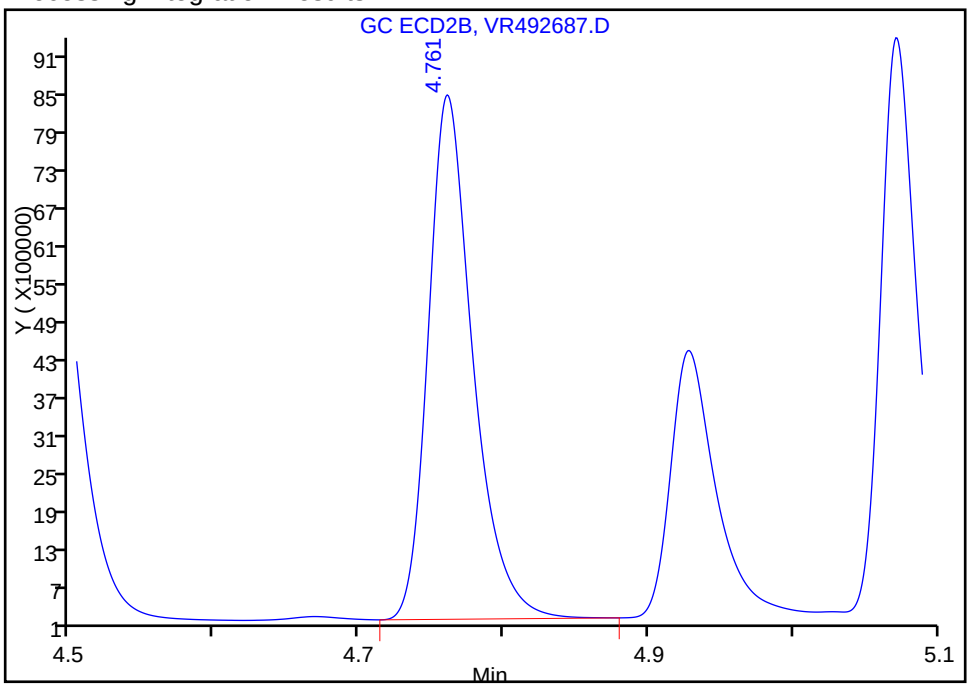
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

5 Endrin aldehyde, CAS: 7421-93-4

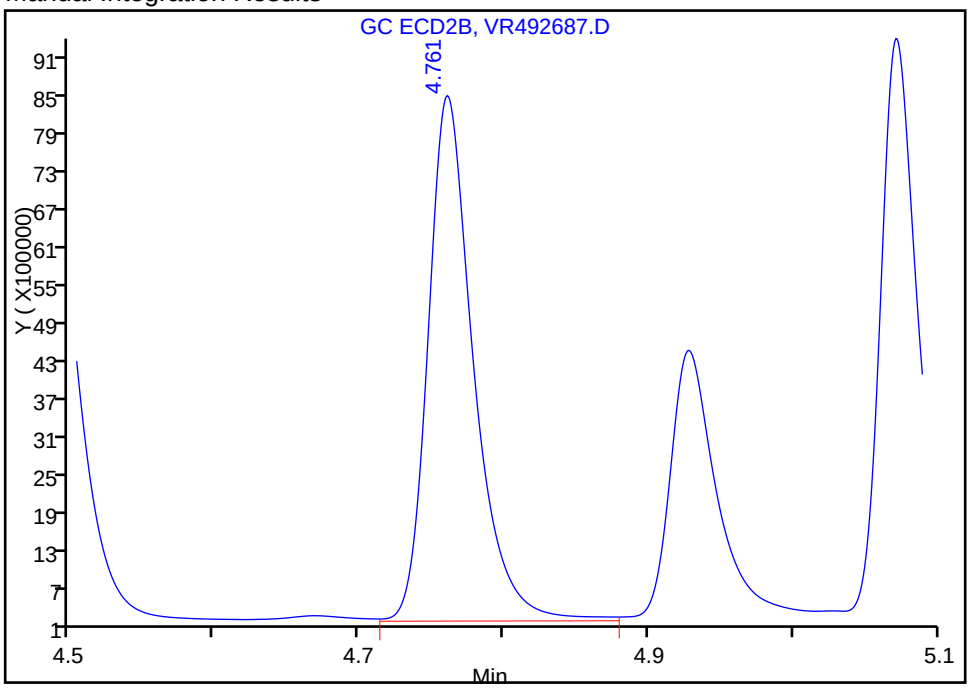
Processing Integration Results

RT: 4.76
Response: 17757066
Amount: 160.6670



Manual Integration Results

RT: 4.76
Response: 18225995
Amount: 164.9099



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

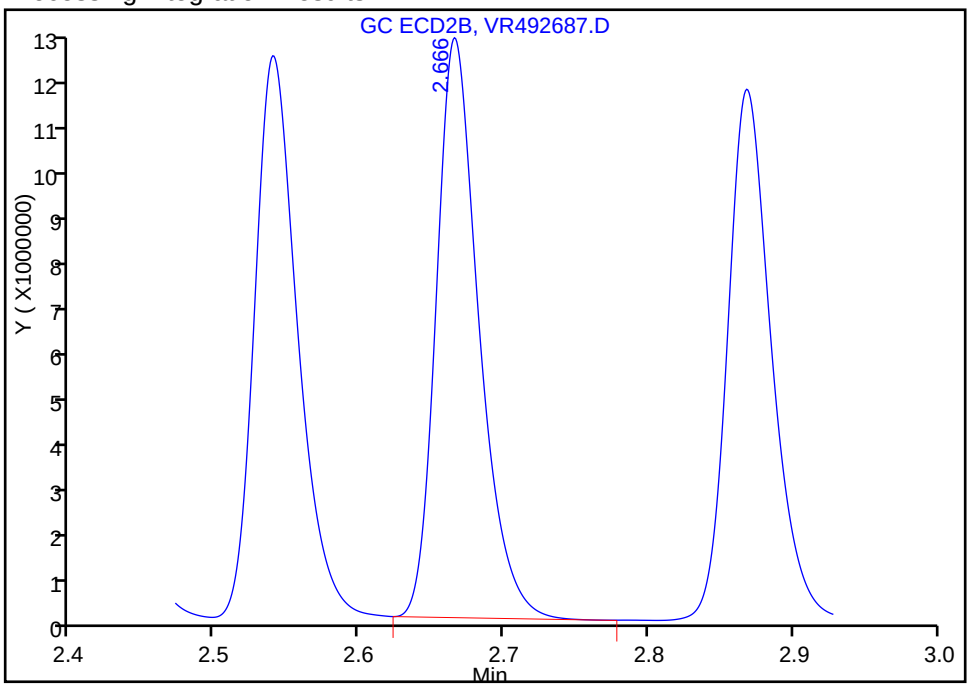
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

18 Heptachlor, CAS: 76-44-8

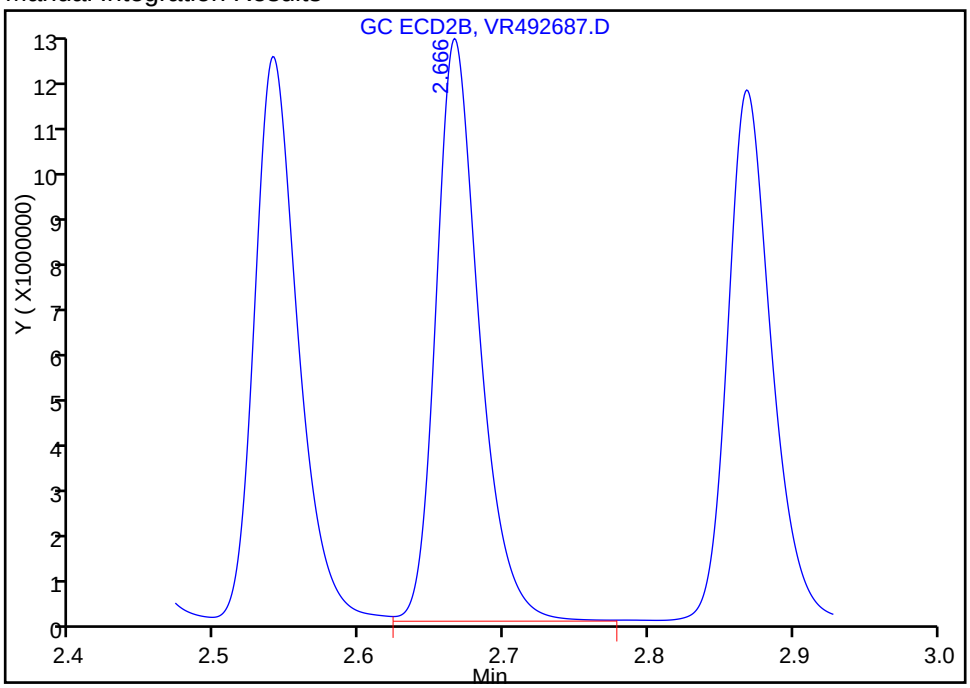
Processing Integration Results

RT: 2.67
Response: 25161059
Amount: 159.2414



Manual Integration Results

RT: 2.67
Response: 25690340
Amount: 162.5912



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

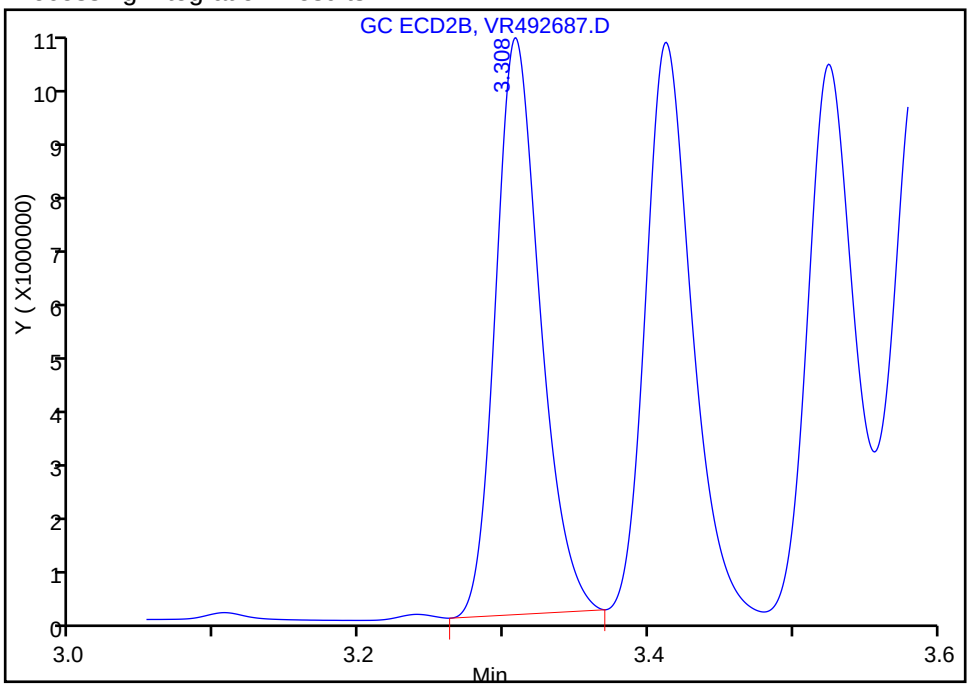
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D				
Injection Date:	20-Jun-2014 12:44:03	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231796/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

12 Heptachlor epoxide, CAS: 1024-57-3

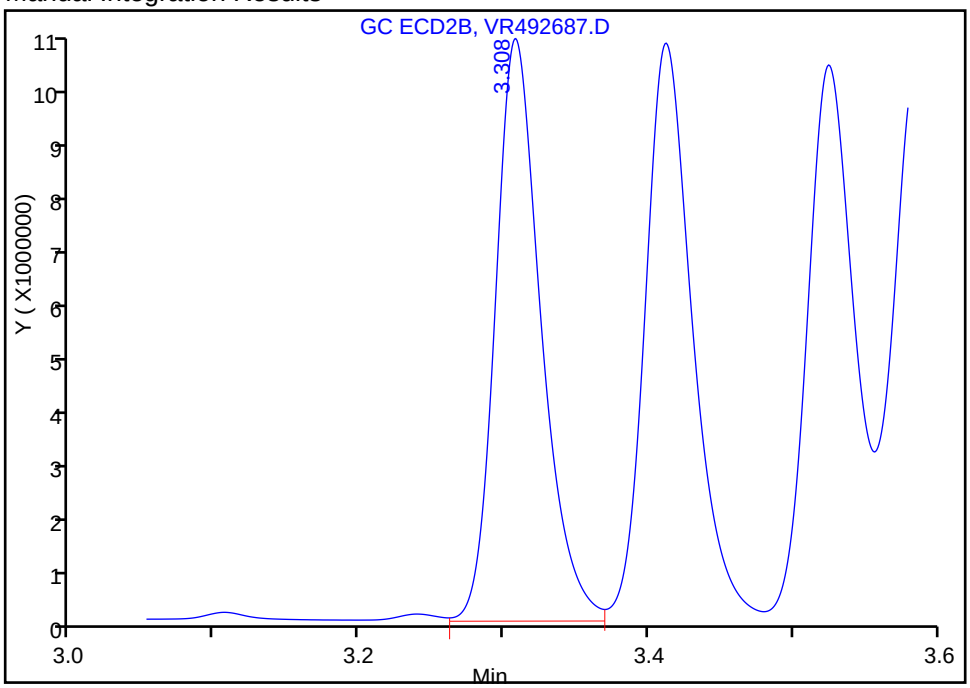
Processing Integration Results

RT: 3.31
Response: 21665208
Amount: 149.3215



Manual Integration Results

RT: 3.31
Response: 22502483
Amount: 155.0922



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

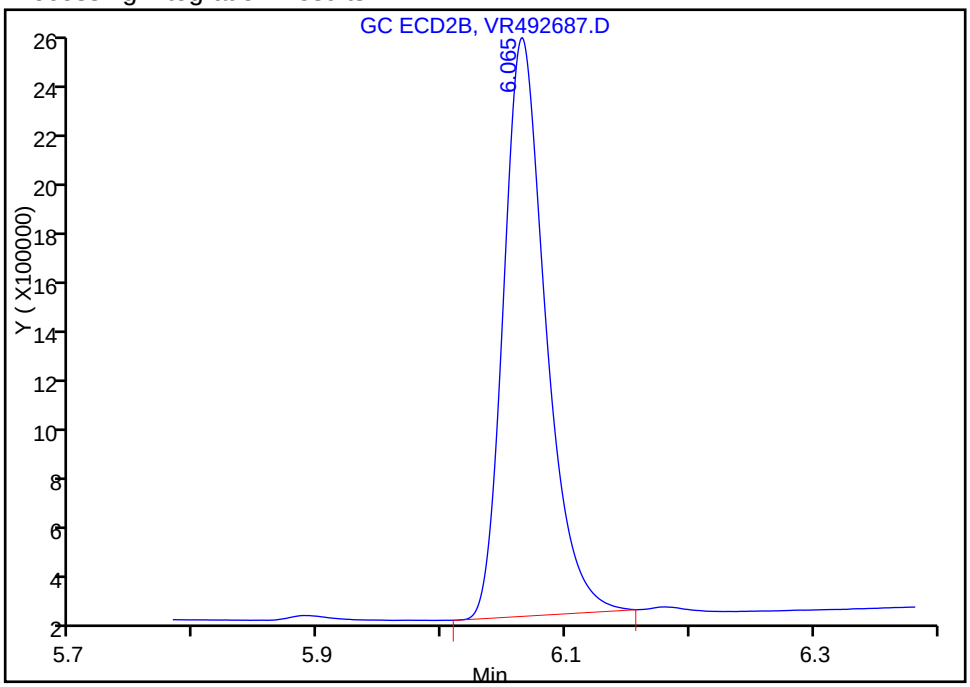
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140620-14833.b\VR492687.D
Injection Date: 20-Jun-2014 12:44:03 Instrument ID: CPESTGC9
Lims ID: LCS 460-231796/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

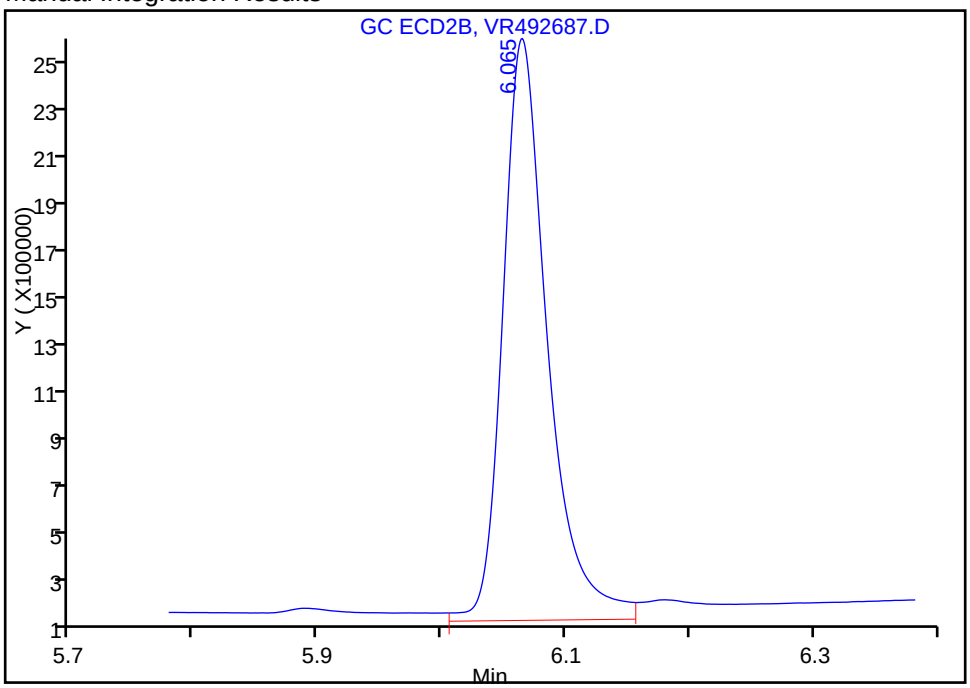
Processing Integration Results

RT: 6.06
Response: 5488072
Amount: 33.706984



Manual Integration Results

RT: 6.06
Response: 5936553
Amount: 38.814795



Reviewer: foleysont, 22-Jun-2014 12:48:58
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-231851/2-A

Matrix: Water Lab File ID: VR492735.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3510C Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) Date Analyzed: 06/21/2014 16:44

Con. Extract Vol.: 1(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.: 232099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.89		0.050	0.017
319-84-6	alpha-BHC	1.92		0.050	0.0090
319-85-7	beta-BHC	2.10		0.050	0.013
319-86-8	delta-BHC	1.66		0.050	0.012
58-89-9	gamma-BHC (Lindane)	2.04		0.050	0.014
72-54-8	4,4'-DDD	2.09		0.050	0.019
72-55-9	4,4'-DDE	2.02		0.050	0.016
50-29-3	4,4'-DDT	1.91		0.050	0.017
60-57-1	Dieldrin	2.00		0.050	0.022
959-98-8	Endosulfan I	2.03		0.050	0.016
33213-65-9	*Endosulfan II*	*1.90*		*0.050*	*0.016*
1031-07-8	*Endosulfan sulfate*	*1.81*		*0.050*	*0.016*
72-20-8	Endrin	1.99		0.050	0.017
7421-93-4	Endrin aldehyde	1.69		0.050	0.016
53494-70-5	Endrin ketone	1.83		0.050	0.016
76-44-8	Heptachlor	1.91		0.050	0.014
1024-57-3	Heptachlor epoxide	1.95		0.050	0.016
72-43-5	Methoxychlor	2.12		0.050	0.015

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		50-147
2051-24-3	DCB Decachlorobiphenyl	42		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Lims ID: LCS 460-231851/2-A
Client ID:
Sample Type: LCS
Inject. Date: 21-Jun-2014 16:44:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:25:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							M
1	2.210	2.209	0.001	9014285	100.0	83.7	M
2	1.893	1.891	0.002	12818043	100.0	99.2	M
						RPD = 16.86	
15 alpha-BHC							
1	2.621	2.620	0.000	29274860	200.0	239.6	
2	2.195	2.194	0.001	35776510	200.0	229.2	
						RPD = 4.43	
2 gamma-BHC (Lindane)							M
1	2.881	2.880	0.001	26726029	200.0	255.2	
2	2.381	2.381	0.000	33029876	200.0	235.0	M
						RPD = 8.21	
6 beta-BHC							M
1	2.928	2.927	0.001	17187723	200.0	262.4	
2	2.430	2.429	0.001	19483747	200.0	228.3	M
						RPD = 13.90	
32 delta-BHC							M
1	3.172	3.171	0.001	22177162	200.0	207.4	
2	2.544	2.544	0.000	28197920	200.0	197.8	M
						RPD = 4.77	
18 Heptachlor							M
1	3.242	3.241	0.001	29712493	200.0	238.2	
2	2.671	2.669	0.002	34253606	200.0	216.8	M
						RPD = 9.42	
8 Aldrin							
1	3.540	3.539	0.001	27142190	200.0	235.7	
2	2.873	2.872	0.001	31970980	200.0	235.3	
						RPD = 0.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							M
1	4.123	4.123	0.000	27754218	200.0	244.2	M
2	3.313	3.312	0.001	32146813	200.0	221.6	M
						RPD = 9.72	
9 gamma-Chlordane							M
1	4.334	4.334	0.000	27499058	200.0	251.1	M
2	3.417	3.416	0.001	32825906	200.0	235.6	M
						RPD = 6.38	
23 alpha-Chlordane							M
1	4.496	4.495	0.001	25622267	200.0	244.0	M
2	3.530	3.529	0.001	30458501	200.0	228.7	M
						RPD = 6.46	
7 Endosulfan I							M
1	4.570	4.569	0.001	26378807	200.0	253.8	M
2	3.651	3.649	0.002	33757253	200.0	236.8	M
						RPD = 6.93	
25 4,4'-DDE							M
1	4.654	4.654	0.000	25349456	200.0	252.2	M
2	3.590	3.589	0.001	31311448	200.0	240.3	M
						RPD = 4.82	
30 Dieldrin							M
1	4.829	4.829	0.000	26527253	200.0	250.4	M
2	3.878	3.878	0.000	33723283	200.0	238.2	M
						RPD = 4.98	
20 Endrin							M
1	5.062	5.062	0.000	21427299	200.0	248.4	M
2	4.126	4.125	0.001	29441470	200.0	244.3	M
						RPD = 1.67	
16 4,4'-DDD							M
1	5.120	5.120	0.000	22003600	200.0	261.6	M
2	4.193	4.193	0.000	29537521	200.0	248.4	M
						RPD = 5.19	
11 Endosulfan II							M
1	5.207	5.207	0.000	23883914	200.0	237.7	M
2	4.363	4.363	0.000	30346941	200.0	245.5	M
						RPD = 3.21	
21 4,4'-DDT							M
1	5.336	5.336	0.000	18512206	200.0	239.0	M
2	4.491	4.490	0.001	26041707	200.0	236.1	M
						RPD = 1.22	
5 Endrin aldehyde							M
1	5.432	5.432	0.000	18410366	200.0	211.1	M
2	4.765	4.764	0.001	23080965	200.0	208.8	M
						RPD = 1.07	
3 Endosulfan sulfate							M
1	5.632	5.632	0.000	20974806	200.0	226.0	M
2	4.931	4.930	0.001	14038151	200.0	237.6	M
						RPD = 5.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							M
1	5.866	5.866	0.000	10871184	200.0	264.4	M
2	5.074	5.074	0.000	23121995	200.0	227.1	M
						RPD = 15.20	
13 Endrin ketone							M
1	6.101	6.101	0.000	25060515	200.0	229.1	
2	5.268	5.268	0.000	25821930	200.0	208.0	M
						RPD = 9.67	
$ 24 DCB Decachlorobiphenyl							M
1	7.062	7.062	0.000	5272764	100.0	41.9	M
2	6.065	6.064	0.001	5637150	100.0	35.4	M
						RPD = 16.76	

QC Flag Legend

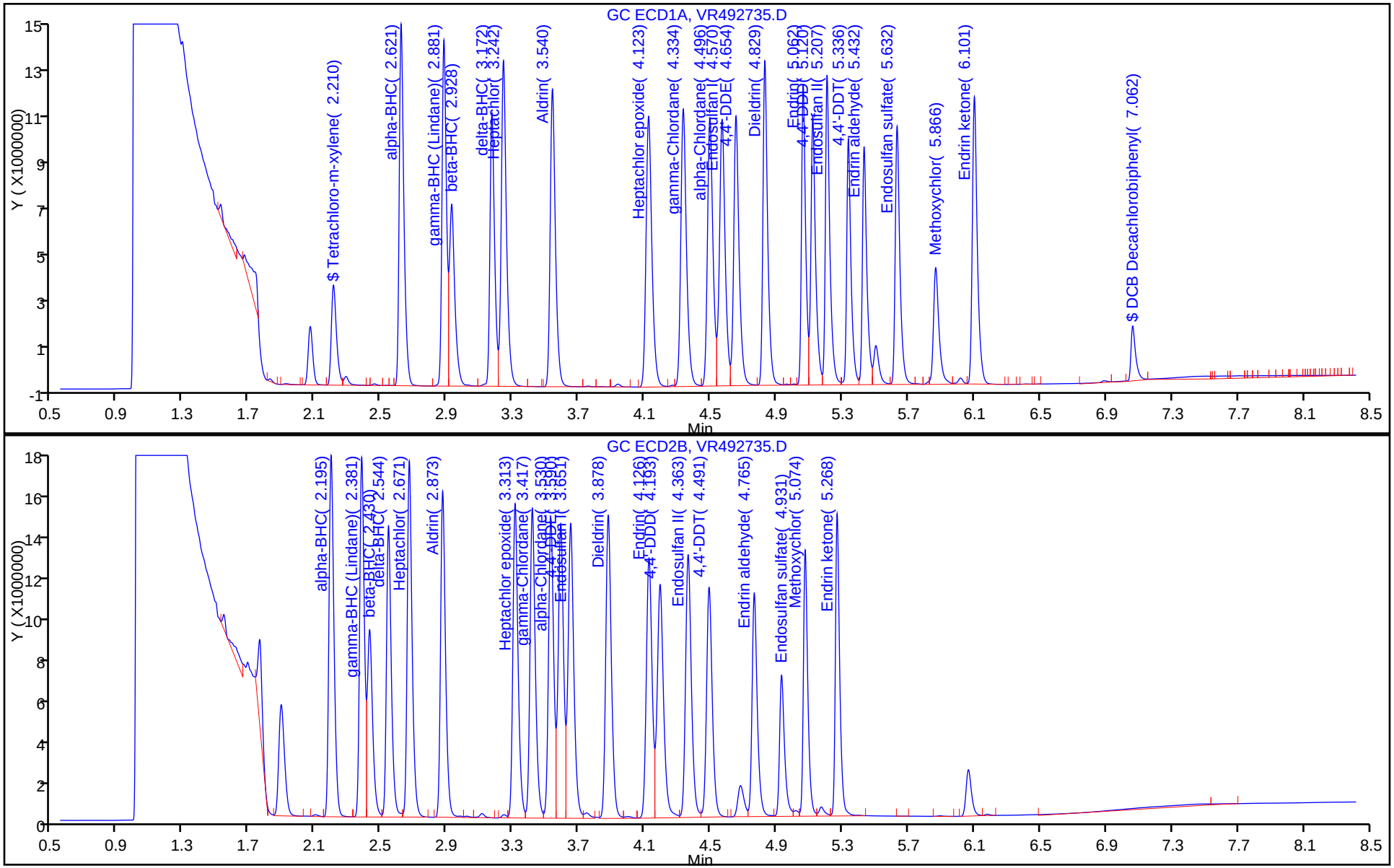
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 13:53:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D

Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-231851/2-A			Worklist Smp#:	24
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

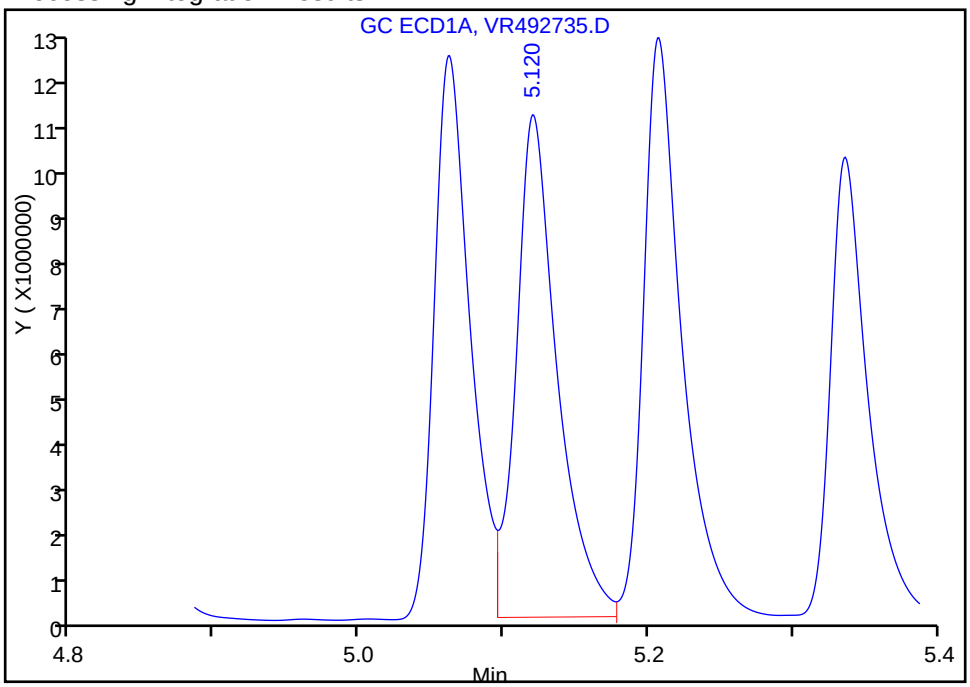
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8

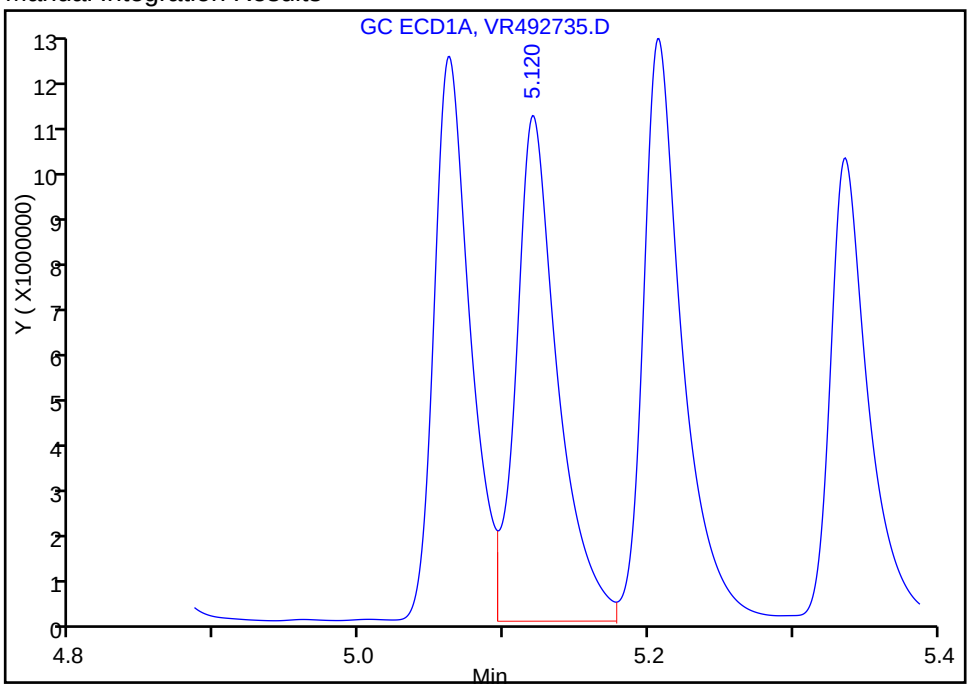
Processing Integration Results

RT: 5.12
Response: 21595430
Amount: 256.7775



Manual Integration Results

RT: 5.12
Response: 22003600
Amount: 261.6308



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

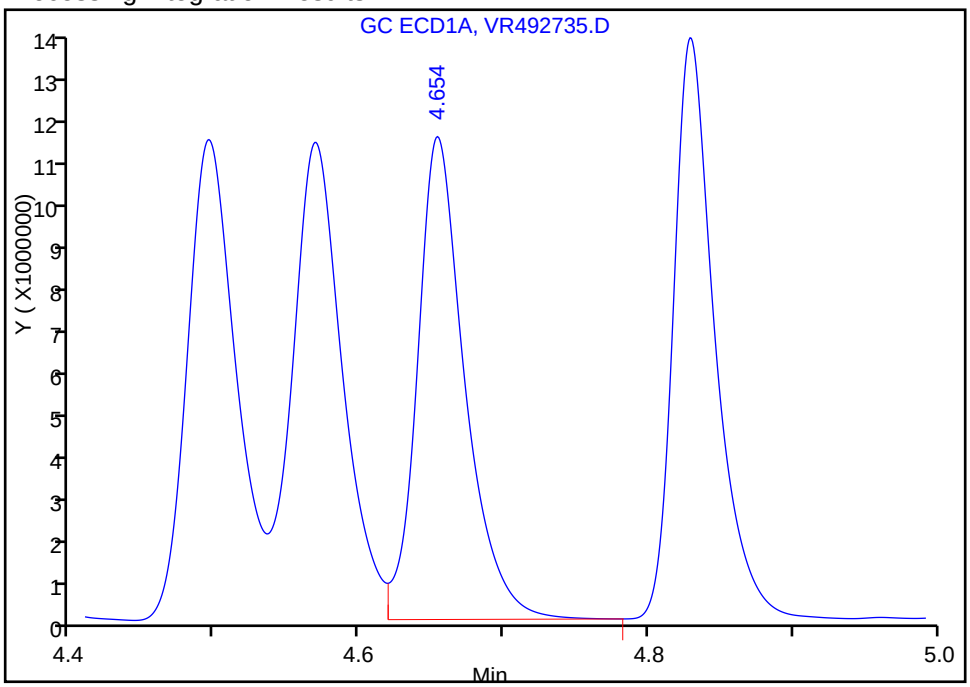
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

25 4,4'-DDE, CAS: 72-55-9

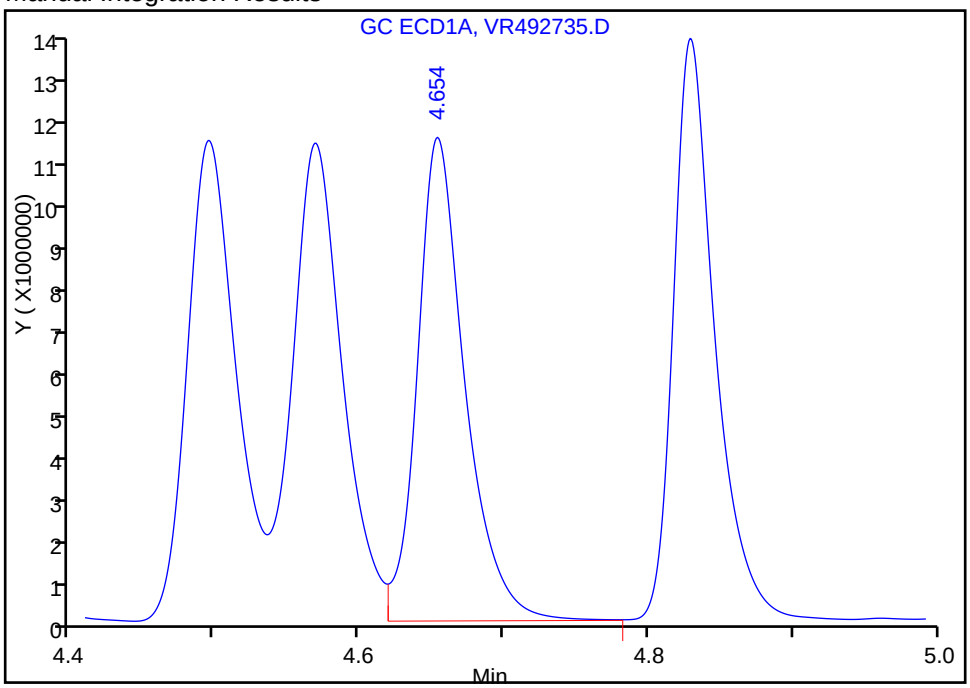
Processing Integration Results

RT: 4.65
Response: 25205263
Amount: 250.7468



Manual Integration Results

RT: 4.65
Response: 25349456
Amount: 252.1813



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

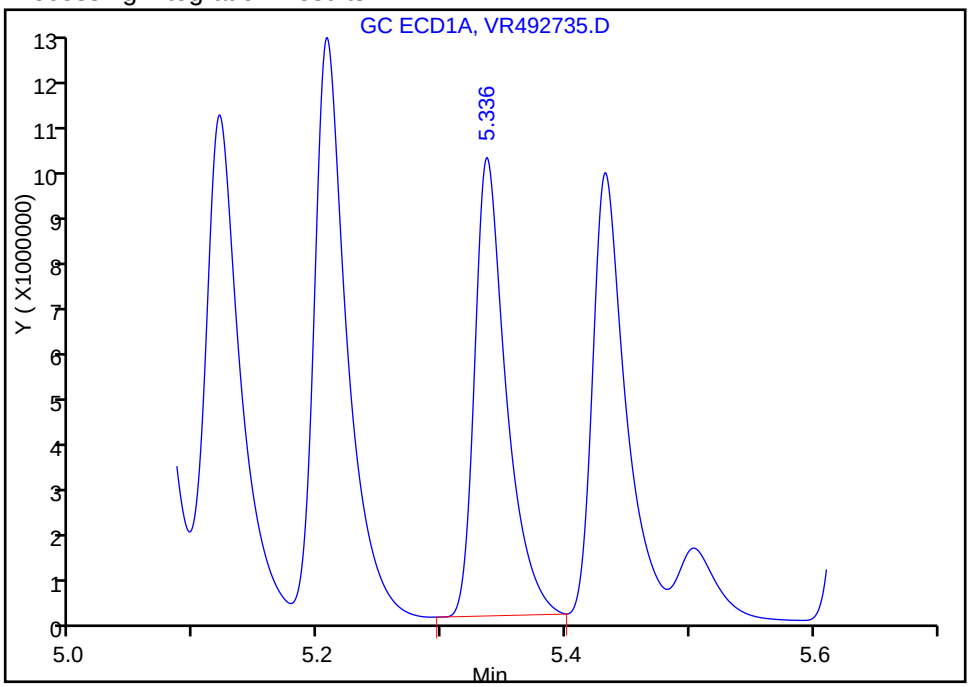
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3

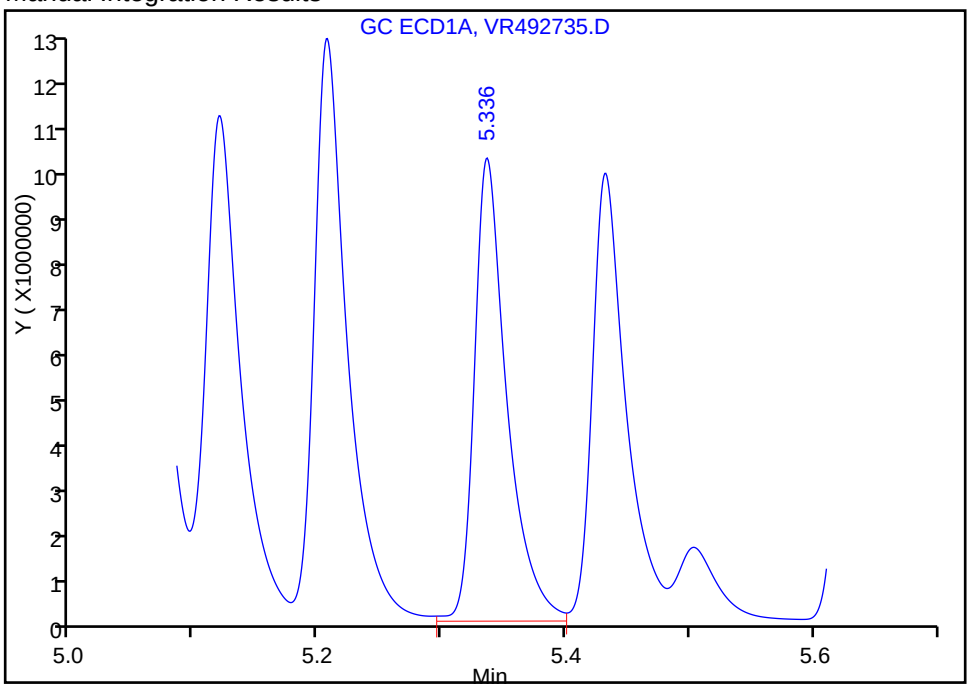
Processing Integration Results

RT: 5.34
Response: 17620567
Amount: 227.4599



Manual Integration Results

RT: 5.34
Response: 18512206
Amount: 238.9698



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

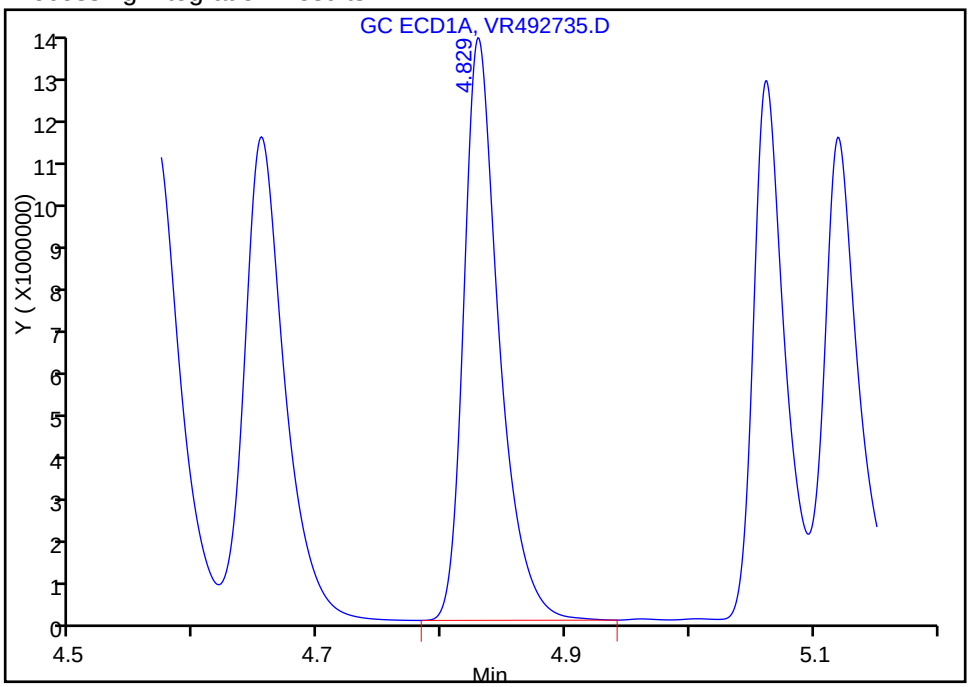
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

30 Dieldrin, CAS: 60-57-1

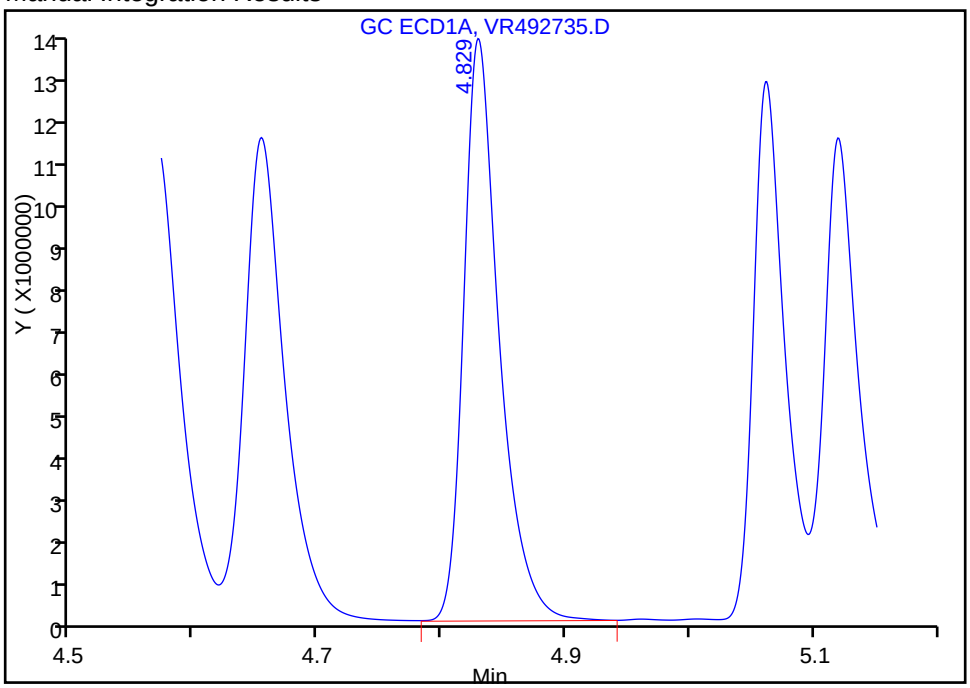
Processing Integration Results

RT: 4.83
Response: 26445938
Amount: 249.6191



Manual Integration Results

RT: 4.83
Response: 26527253
Amount: 250.3866



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

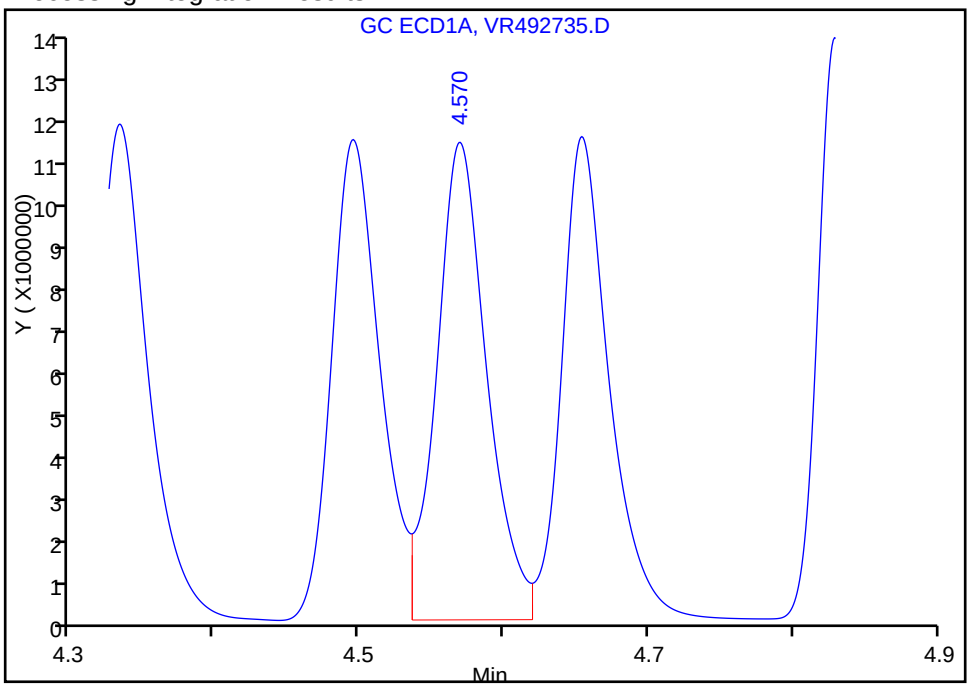
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

7 Endosulfan I, CAS: 959-98-8

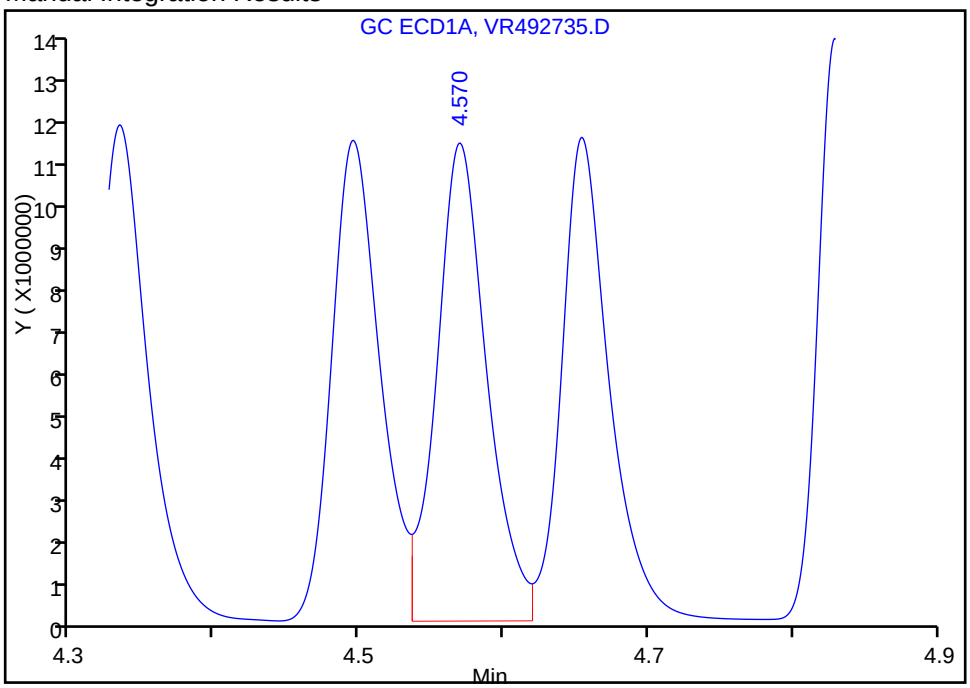
Processing Integration Results

RT: 4.57
Response: 26298622
Amount: 253.0303



Manual Integration Results

RT: 4.57
Response: 26378807
Amount: 253.8018



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

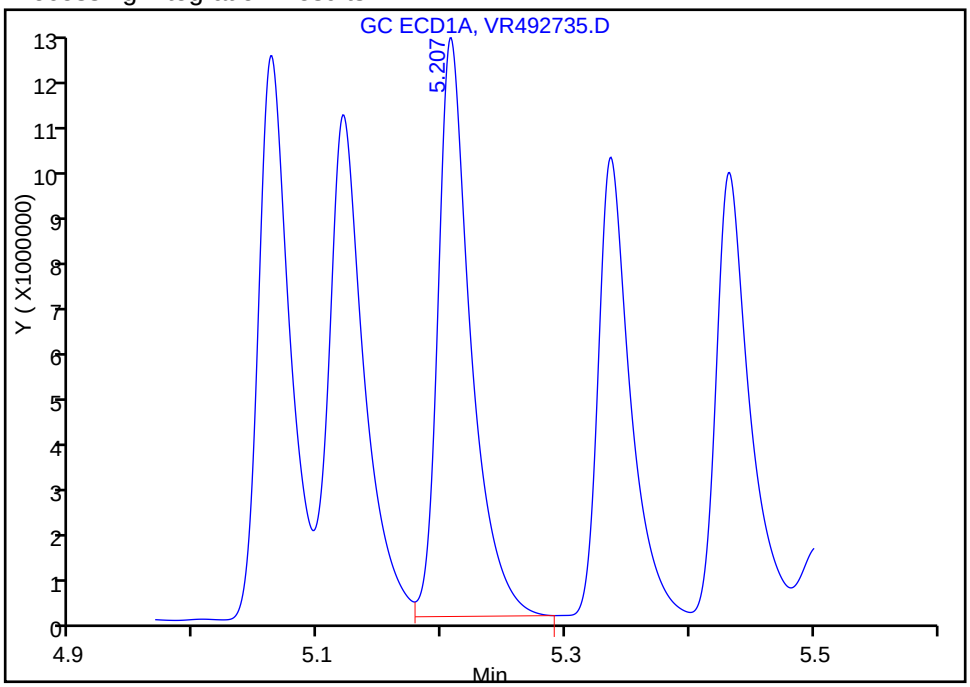
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

11 Endosulfan II, CAS: 33213-65-9

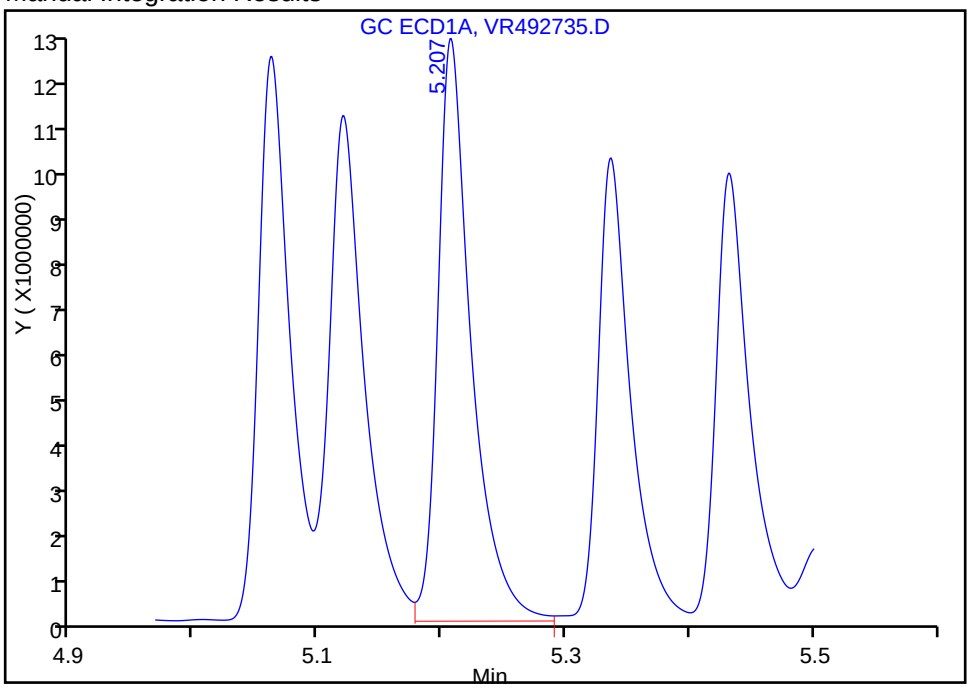
Processing Integration Results

RT: 5.21
Response: 23208836
Amount: 230.9952



Manual Integration Results

RT: 5.21
Response: 23883914
Amount: 237.7142



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

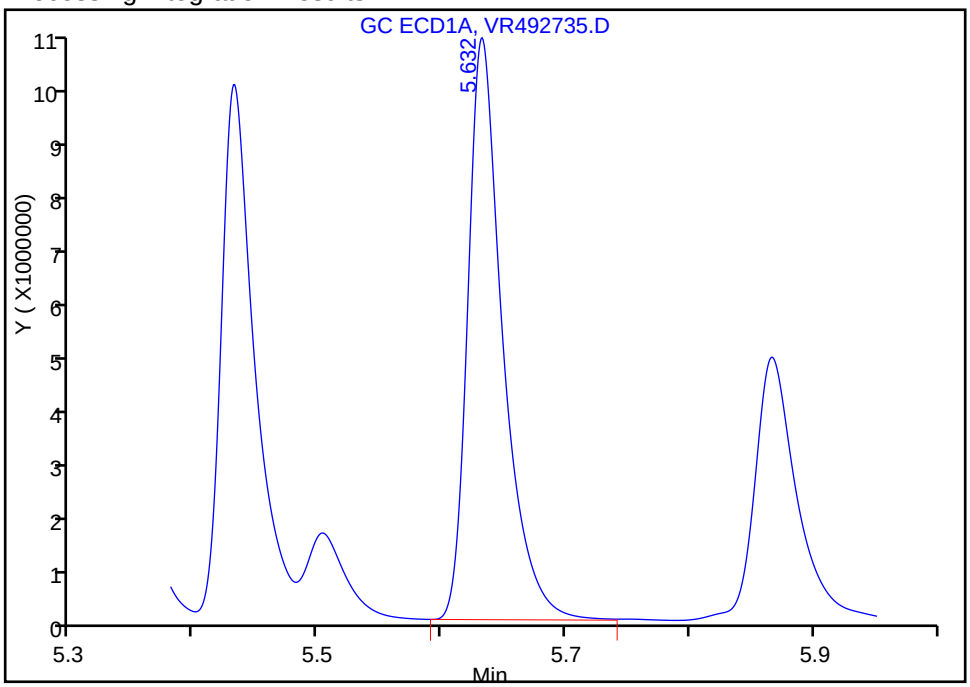
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

3 Endosulfan sulfate, CAS: 1031-07-8

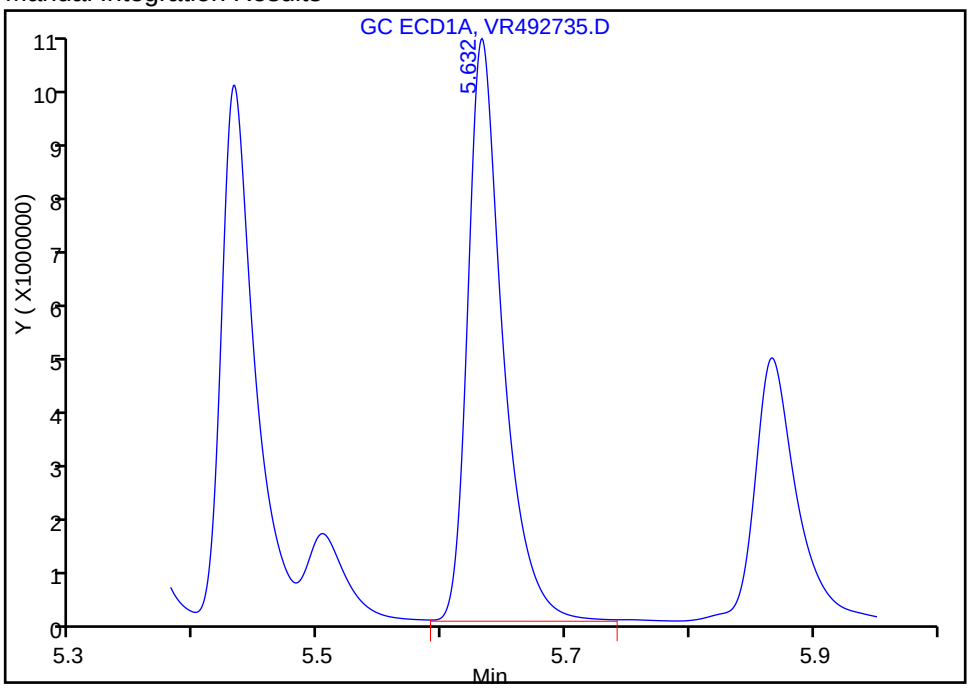
Processing Integration Results

RT: 5.63
Response: 20841468
Amount: 224.6094



Manual Integration Results

RT: 5.63
Response: 20974806
Amount: 226.0464



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

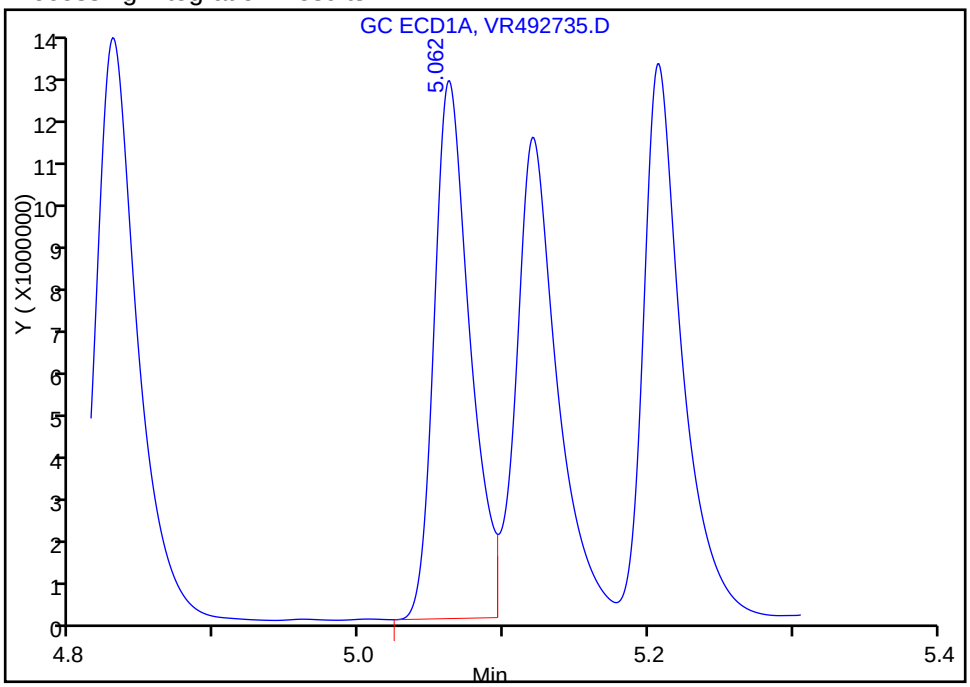
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8

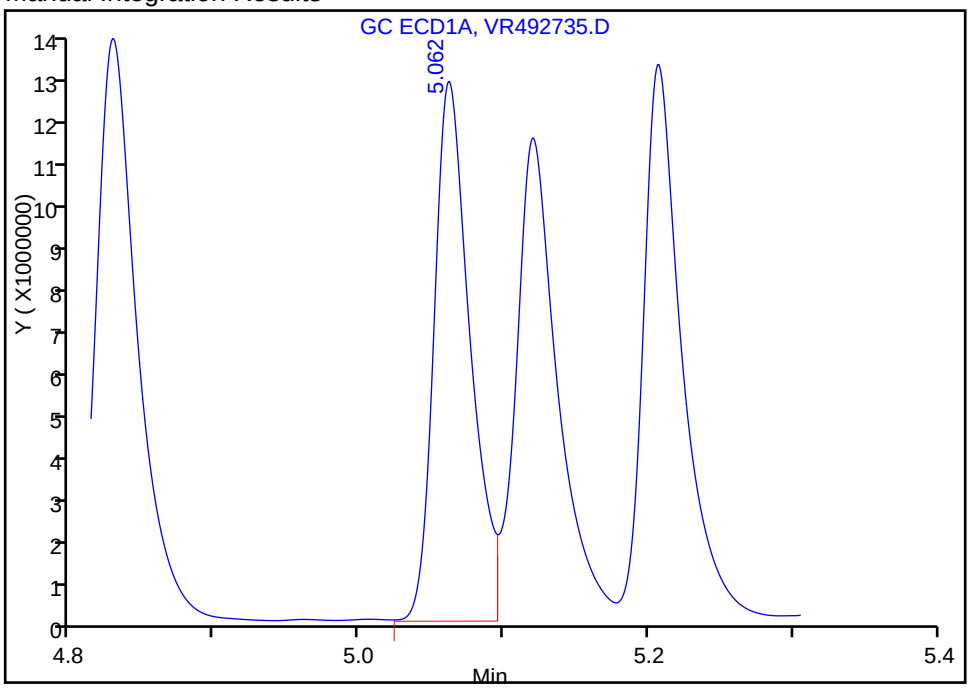
Processing Integration Results

RT: 5.06
Response: 21201214
Amount: 245.7817



Manual Integration Results

RT: 5.06
Response: 21427299
Amount: 248.4026



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

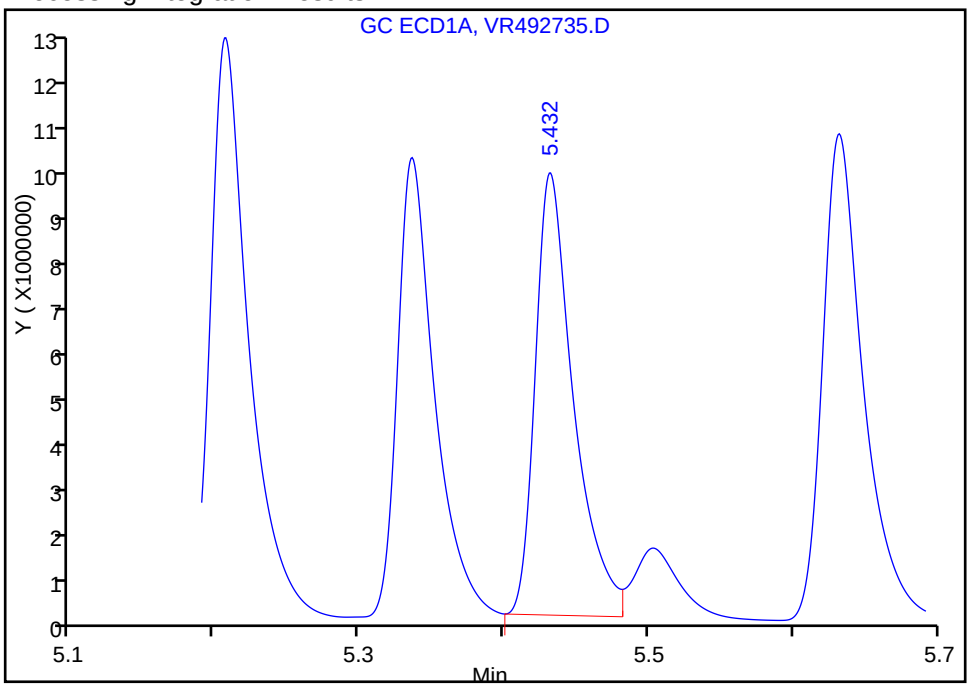
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

5 Endrin aldehyde, CAS: 7421-93-4

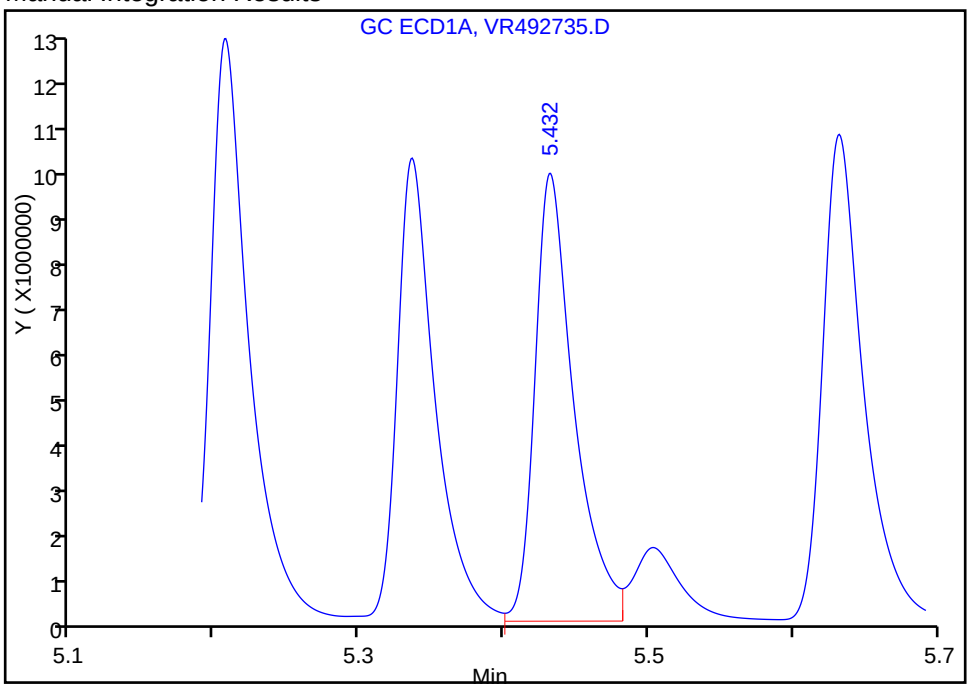
Processing Integration Results

RT: 5.43
Response: 17717626
Amount: 203.1447



Manual Integration Results

RT: 5.43
Response: 18410366
Amount: 211.0875



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

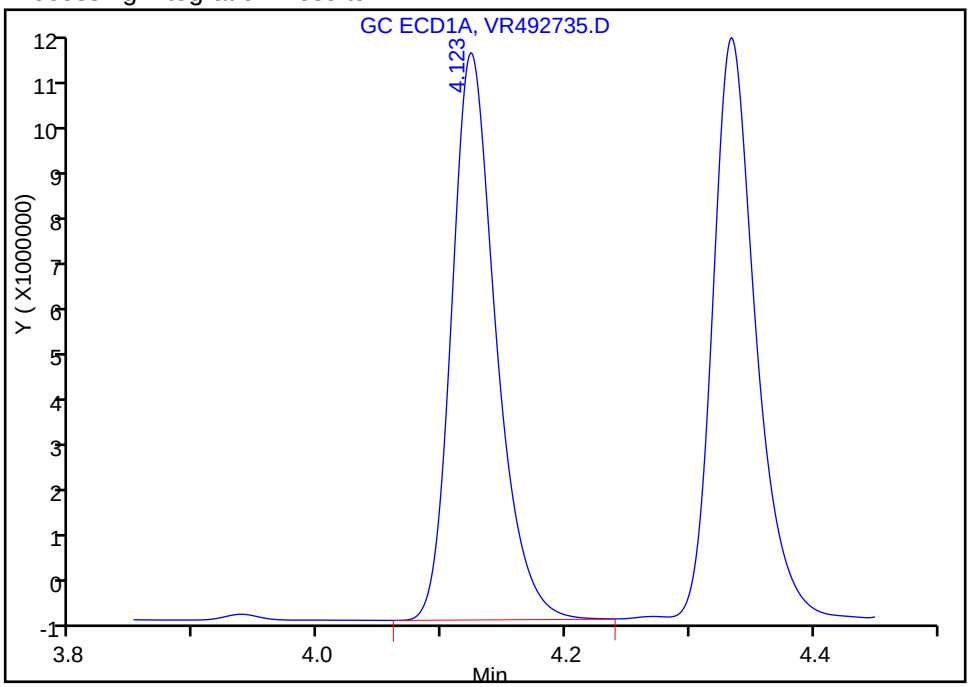
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

12 Heptachlor epoxide, CAS: 1024-57-3

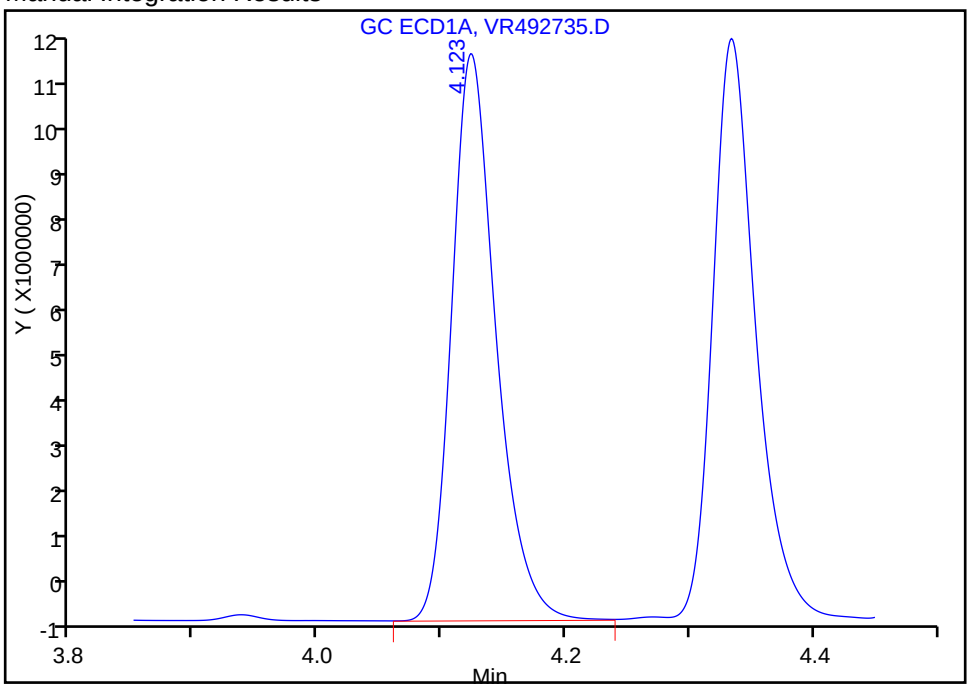
Processing Integration Results

RT: 4.12
Response: 27656554
Amount: 243.3315



Manual Integration Results

RT: 4.12
Response: 27754218
Amount: 244.1907



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

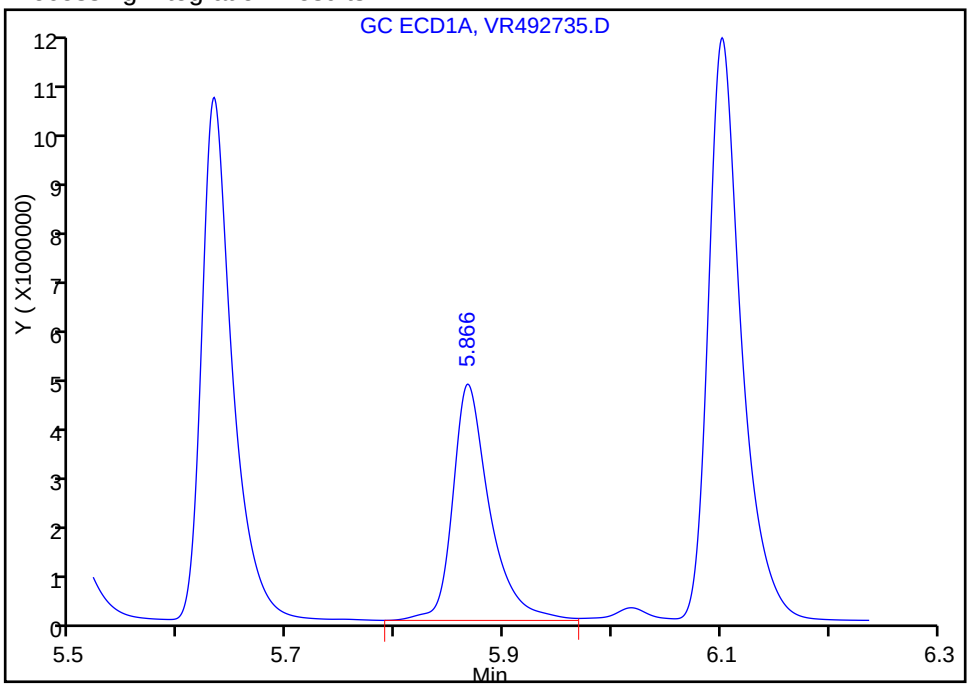
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5

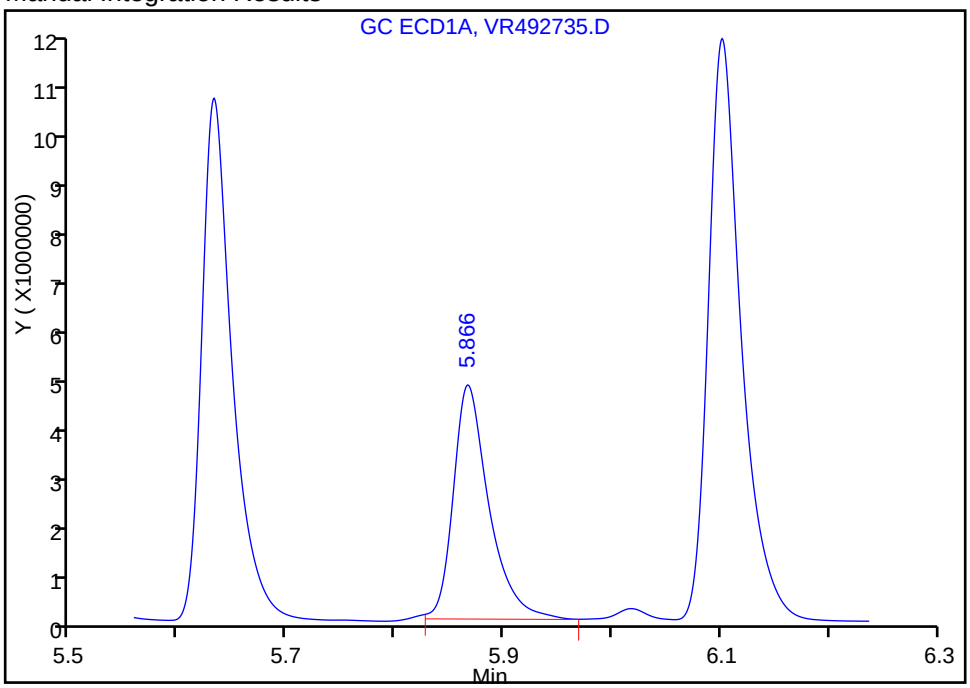
Processing Integration Results

RT: 5.87
Response: 11343598
Amount: 275.9352



Manual Integration Results

RT: 5.87
Response: 10871184
Amount: 264.4436



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

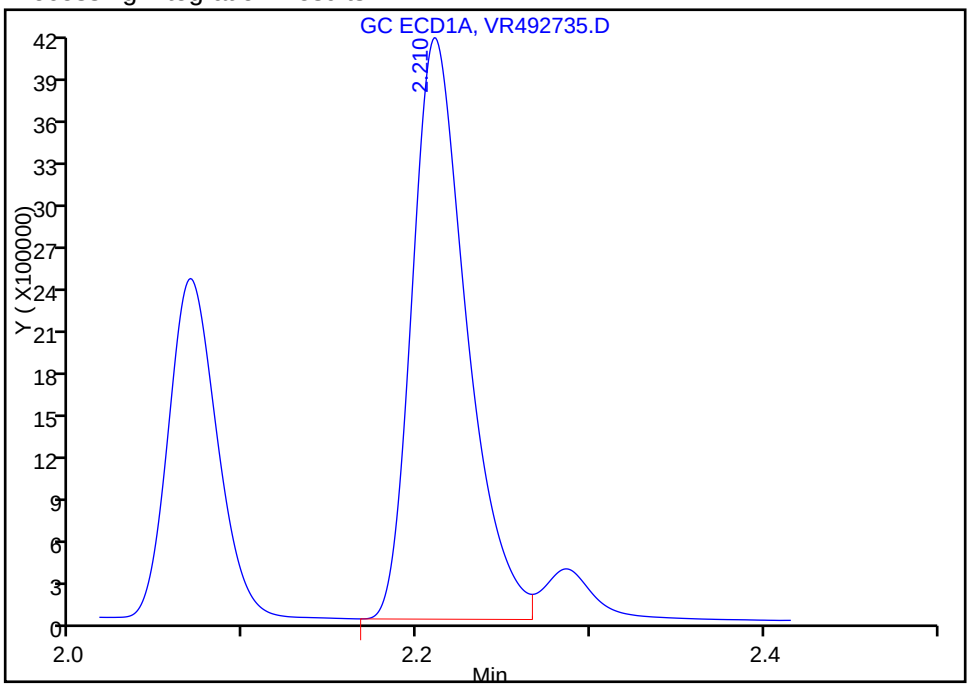
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD1A		

$ 4 Tetrachloro-m-xylene, CAS: 877-09-8

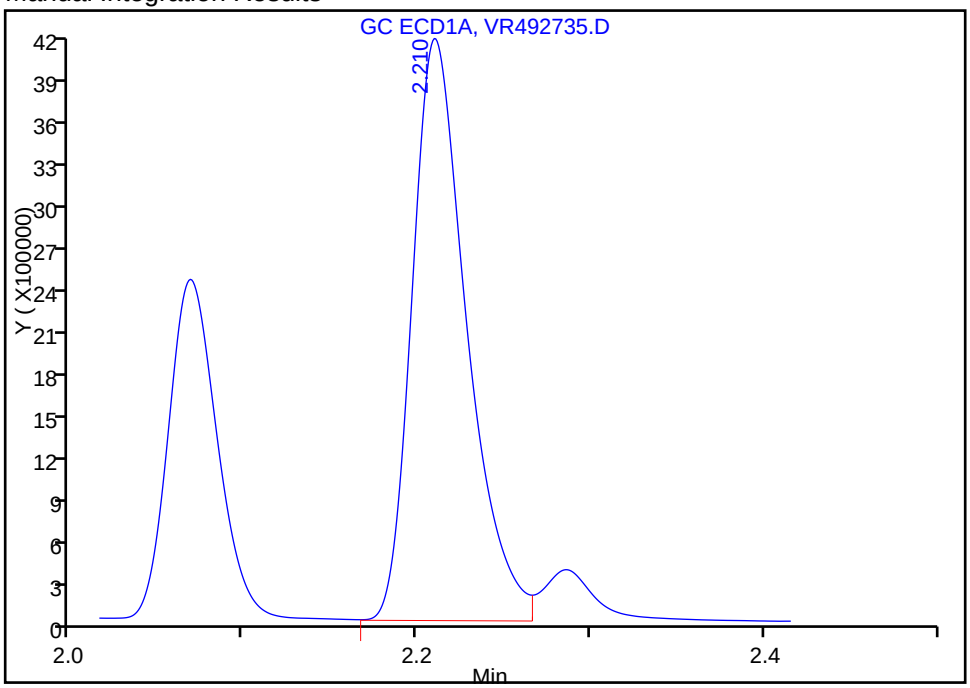
Processing Integration Results

RT: 2.21
Response: 8988685
Amount: 83.503063



Manual Integration Results

RT: 2.21
Response: 9014285
Amount: 83.740882



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

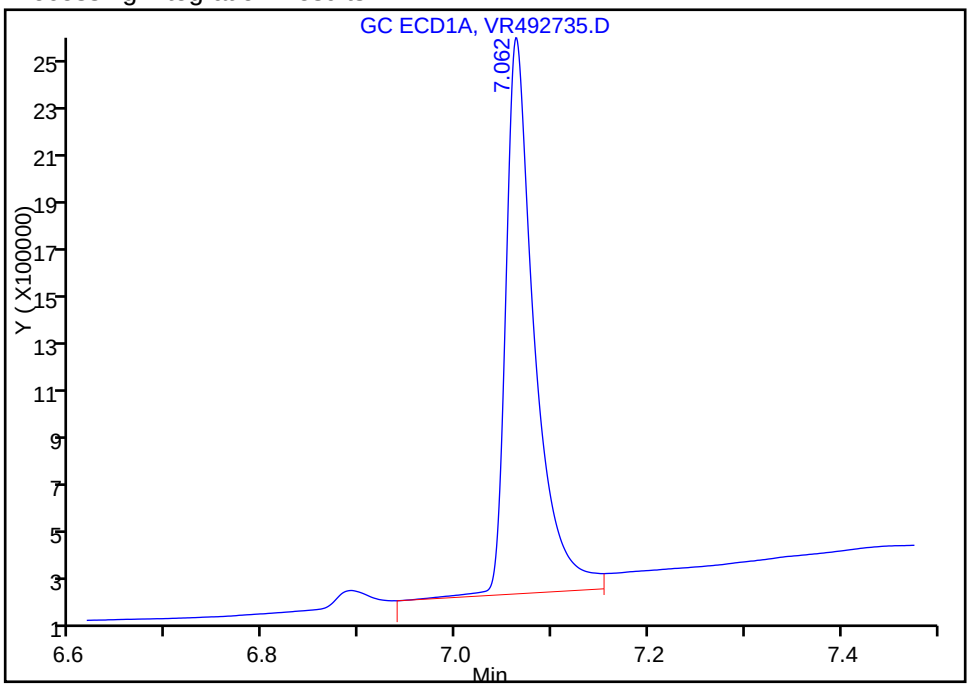
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD1A

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

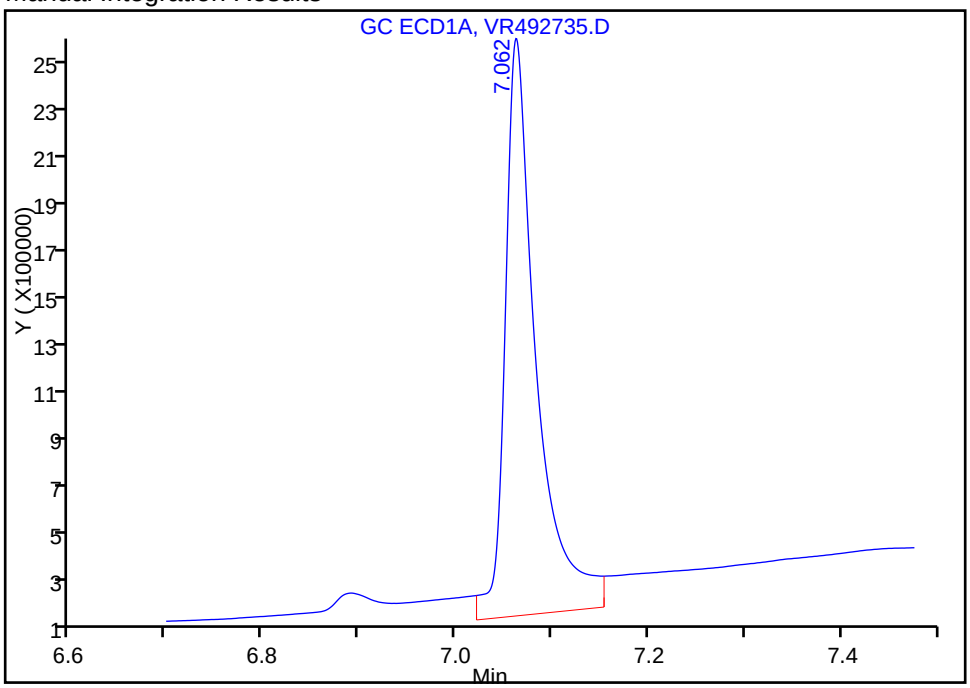
Processing Integration Results

RT: 7.06
Response: 4706420
Amount: 35.052801



Manual Integration Results

RT: 7.06
Response: 5272764
Amount: 41.889357



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-231851/2-A

Matrix: Water | Lab File ID: VR492735.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) | Date Analyzed: 06/21/2014 16:44

Con. Extract Vol.: 1(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.: 232099 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*1.88*		*0.050*	*0.017*
319-84-6	*alpha-BHC*	*1.83*		*0.050*	*0.0090*
319-85-7	*beta-BHC*	*1.83*		*0.050*	*0.013*
319-86-8	*delta-BHC*	*1.58*		*0.050*	*0.012*
58-89-9	*gamma-BHC (Lindane)*	*1.88*		*0.050*	*0.014*
72-54-8	*4,4'-DDD*	*1.99*		*0.050*	*0.019*
72-55-9	*4,4'-DDE*	*1.92*		*0.050*	*0.016*
50-29-3	*4,4'-DDT*	*1.89*		*0.050*	*0.017*
60-57-1	*Dieldrin*	*1.91*		*0.050*	*0.022*
959-98-8	*Endosulfan I*	*1.89*		*0.050*	*0.016*
33213-65-9	Endosulfan II	1.96		0.050	0.016
1031-07-8	Endosulfan sulfate	1.90		0.050	0.016
72-20-8	*Endrin*	*1.95*		*0.050*	*0.017*
7421-93-4	*Endrin aldehyde*	*1.67*		*0.050*	*0.016*
53494-70-5	*Endrin ketone*	*1.66*		*0.050*	*0.016*
76-44-8	*Heptachlor*	*1.73*		*0.050*	*0.014*
1024-57-3	*Heptachlor epoxide*	*1.77*		*0.050*	*0.016*
72-43-5	*Methoxychlor*	*1.82*		*0.050*	*0.015*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		50-147
2051-24-3	DCB Decachlorobiphenyl	35		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Lims ID: LCS 460-231851/2-A
Client ID:
Sample Type: LCS
Inject. Date: 21-Jun-2014 16:44:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:25:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							M
1	2.210	2.209	0.001	9014285	100.0	83.7	M
2	1.893	1.891	0.002	12818043	100.0	99.2	M
						RPD = 16.86	
15 alpha-BHC							
1	2.621	2.620	0.000	29274860	200.0	239.6	
2	2.195	2.194	0.001	35776510	200.0	229.2	
						RPD = 4.43	
2 gamma-BHC (Lindane)							M
1	2.881	2.880	0.001	26726029	200.0	255.2	
2	2.381	2.381	0.000	33029876	200.0	235.0	M
						RPD = 8.21	
6 beta-BHC							M
1	2.928	2.927	0.001	17187723	200.0	262.4	
2	2.430	2.429	0.001	19483747	200.0	228.3	M
						RPD = 13.90	
32 delta-BHC							M
1	3.172	3.171	0.001	22177162	200.0	207.4	
2	2.544	2.544	0.000	28197920	200.0	197.8	M
						RPD = 4.77	
18 Heptachlor							M
1	3.242	3.241	0.001	29712493	200.0	238.2	
2	2.671	2.669	0.002	34253606	200.0	216.8	M
						RPD = 9.42	
8 Aldrin							
1	3.540	3.539	0.001	27142190	200.0	235.7	
2	2.873	2.872	0.001	31970980	200.0	235.3	
						RPD = 0.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							M
1	4.123	4.123	0.000	27754218	200.0	244.2	M
2	3.313	3.312	0.001	32146813	200.0	221.6	M
						RPD = 9.72	
9 gamma-Chlordane							M
1	4.334	4.334	0.000	27499058	200.0	251.1	M
2	3.417	3.416	0.001	32825906	200.0	235.6	M
						RPD = 6.38	
23 alpha-Chlordane							M
1	4.496	4.495	0.001	25622267	200.0	244.0	M
2	3.530	3.529	0.001	30458501	200.0	228.7	M
						RPD = 6.46	
7 Endosulfan I							M
1	4.570	4.569	0.001	26378807	200.0	253.8	M
2	3.651	3.649	0.002	33757253	200.0	236.8	M
						RPD = 6.93	
25 4,4'-DDE							M
1	4.654	4.654	0.000	25349456	200.0	252.2	M
2	3.590	3.589	0.001	31311448	200.0	240.3	M
						RPD = 4.82	
30 Dieldrin							M
1	4.829	4.829	0.000	26527253	200.0	250.4	M
2	3.878	3.878	0.000	33723283	200.0	238.2	M
						RPD = 4.98	
20 Endrin							M
1	5.062	5.062	0.000	21427299	200.0	248.4	M
2	4.126	4.125	0.001	29441470	200.0	244.3	M
						RPD = 1.67	
16 4,4'-DDD							M
1	5.120	5.120	0.000	22003600	200.0	261.6	M
2	4.193	4.193	0.000	29537521	200.0	248.4	M
						RPD = 5.19	
11 Endosulfan II							M
1	5.207	5.207	0.000	23883914	200.0	237.7	M
2	4.363	4.363	0.000	30346941	200.0	245.5	M
						RPD = 3.21	
21 4,4'-DDT							M
1	5.336	5.336	0.000	18512206	200.0	239.0	M
2	4.491	4.490	0.001	26041707	200.0	236.1	M
						RPD = 1.22	
5 Endrin aldehyde							M
1	5.432	5.432	0.000	18410366	200.0	211.1	M
2	4.765	4.764	0.001	23080965	200.0	208.8	M
						RPD = 1.07	
3 Endosulfan sulfate							M
1	5.632	5.632	0.000	20974806	200.0	226.0	M
2	4.931	4.930	0.001	14038151	200.0	237.6	M
						RPD = 5.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							M
1	5.866	5.866	0.000	10871184	200.0	264.4	M
2	5.074	5.074	0.000	23121995	200.0	227.1	M
						RPD = 15.20	
13 Endrin ketone							M
1	6.101	6.101	0.000	25060515	200.0	229.1	
2	5.268	5.268	0.000	25821930	200.0	208.0	M
						RPD = 9.67	
$ 24 DCB Decachlorobiphenyl							M
1	7.062	7.062	0.000	5272764	100.0	41.9	M
2	6.065	6.064	0.001	5637150	100.0	35.4	M
						RPD = 16.76	

QC Flag Legend

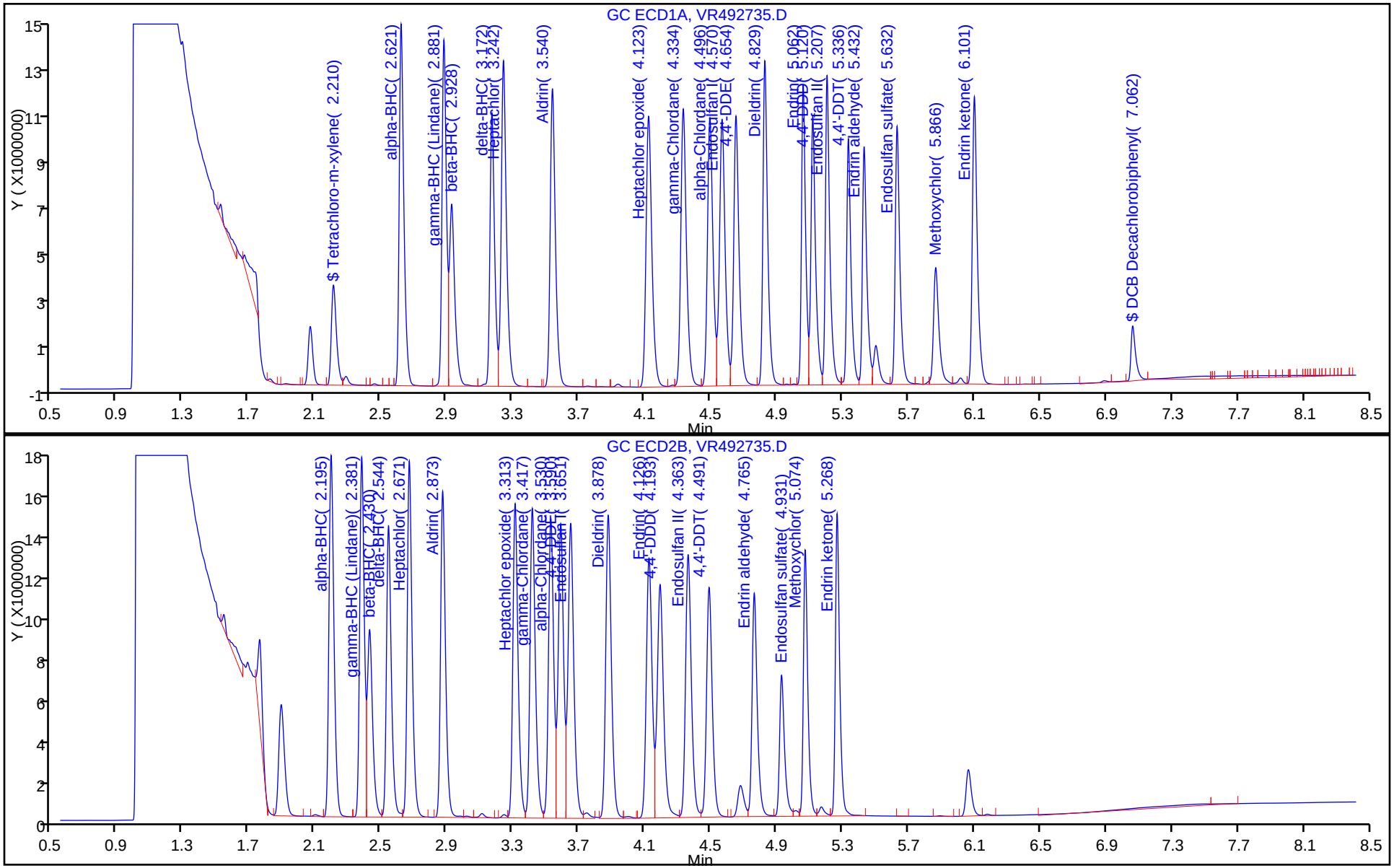
Review Flags
M - Manually Integrated

Report Date: 22-Jun-2014 13:53:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D

Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-231851/2-A			Worklist Smp#:	24
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		



Manual Integration/User Assign Peak Report

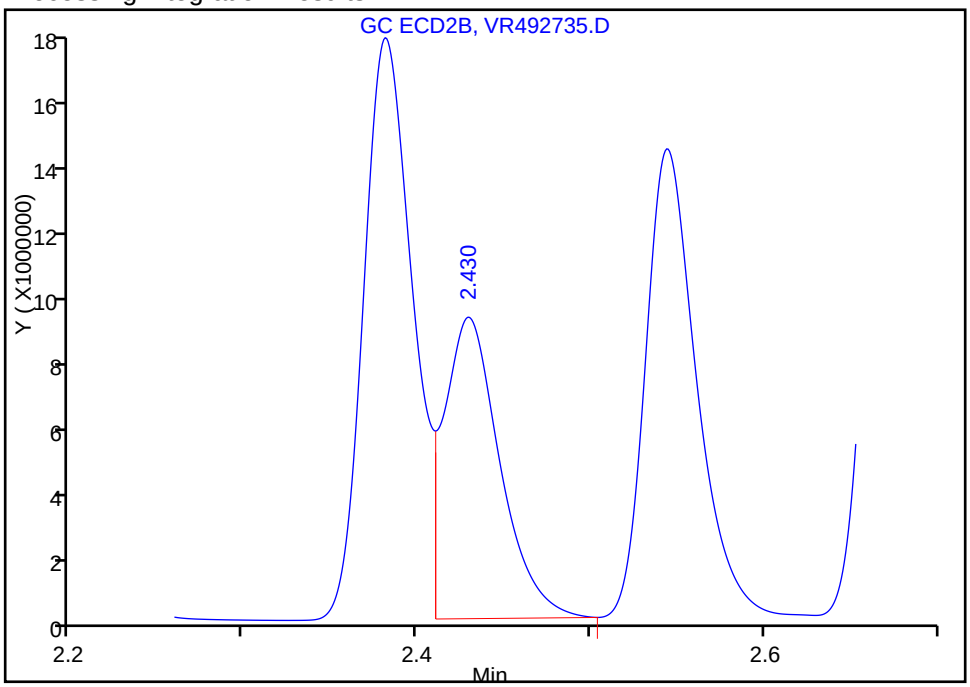
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7

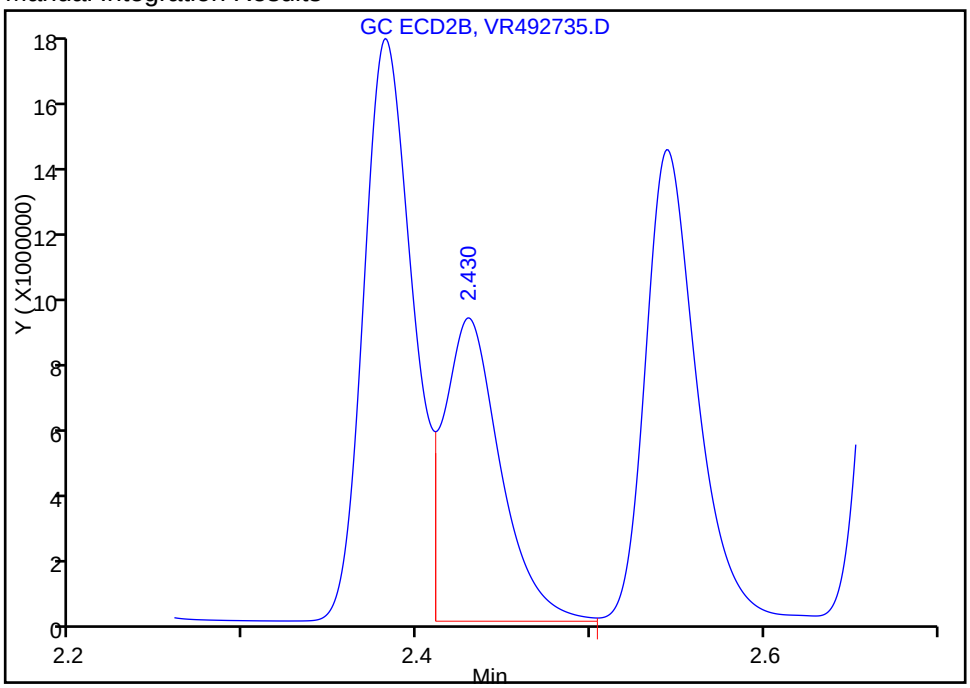
Processing Integration Results

RT: 2.43
Response: 19096669
Amount: 223.7263



Manual Integration Results

RT: 2.43
Response: 19483747
Amount: 228.2611



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

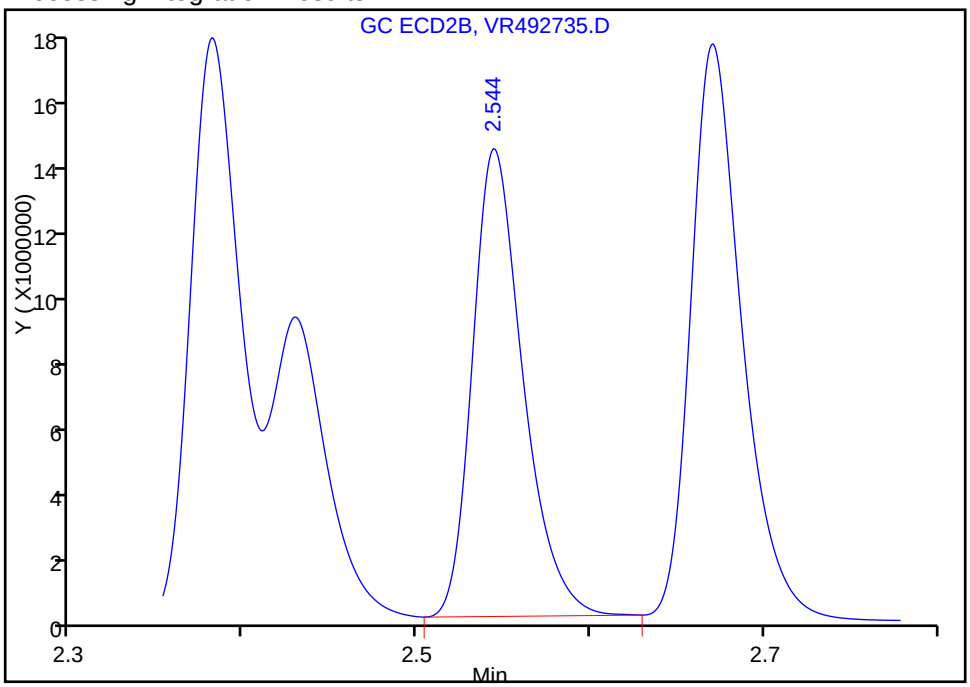
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8

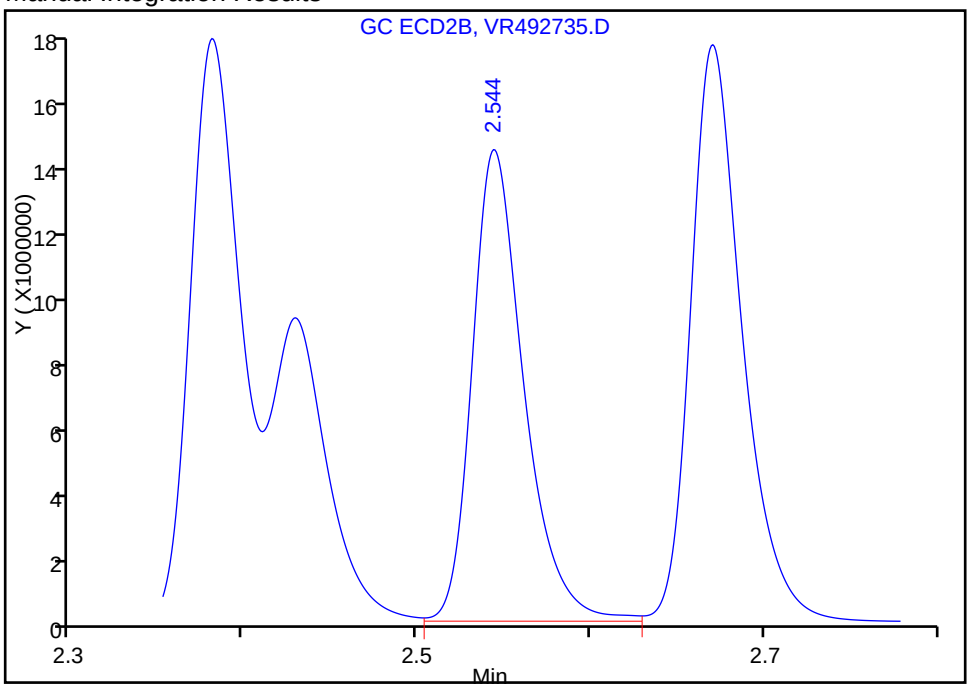
Processing Integration Results

RT: 2.54
Response: 27273615
Amount: 191.2755



Manual Integration Results

RT: 2.54
Response: 28197920
Amount: 197.7579



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

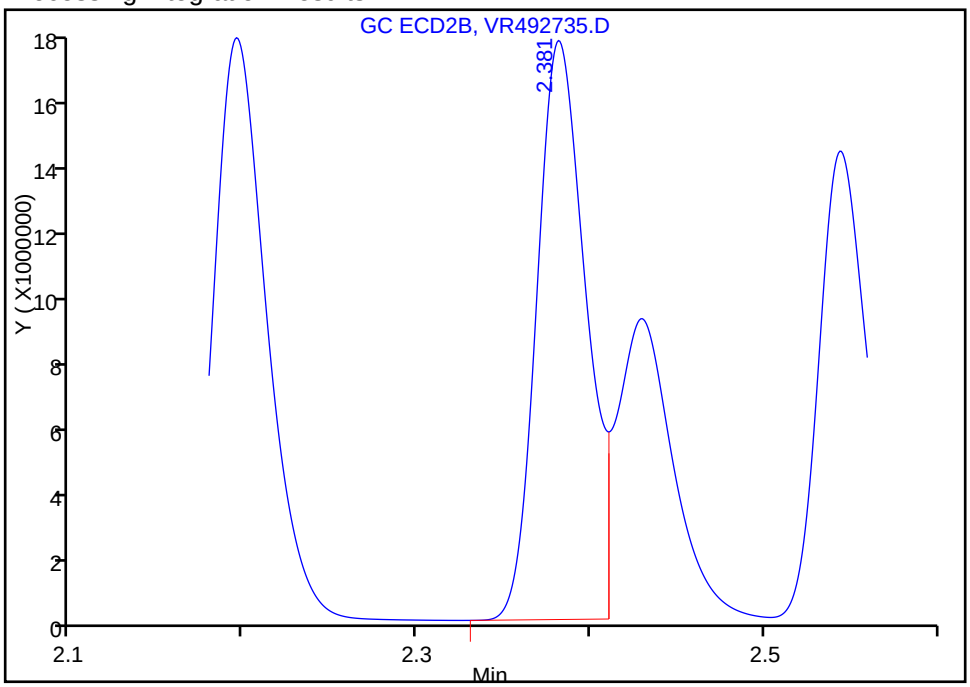
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9

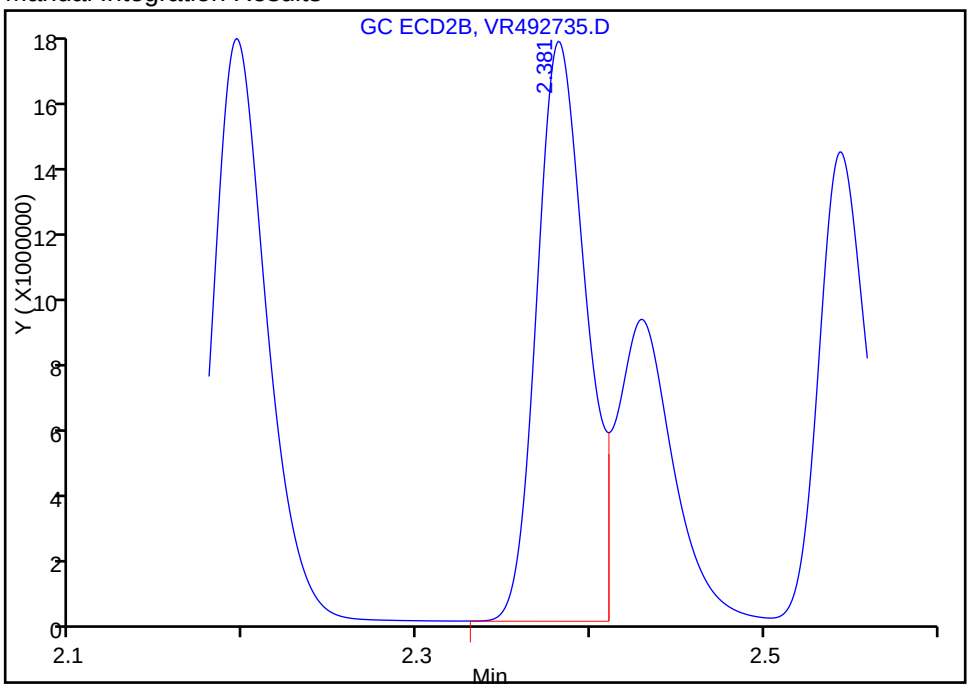
Processing Integration Results

RT: 2.38
Response: 32910137
Amount: 234.1771



Manual Integration Results

RT: 2.38
Response: 33029876
Amount: 235.0291



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

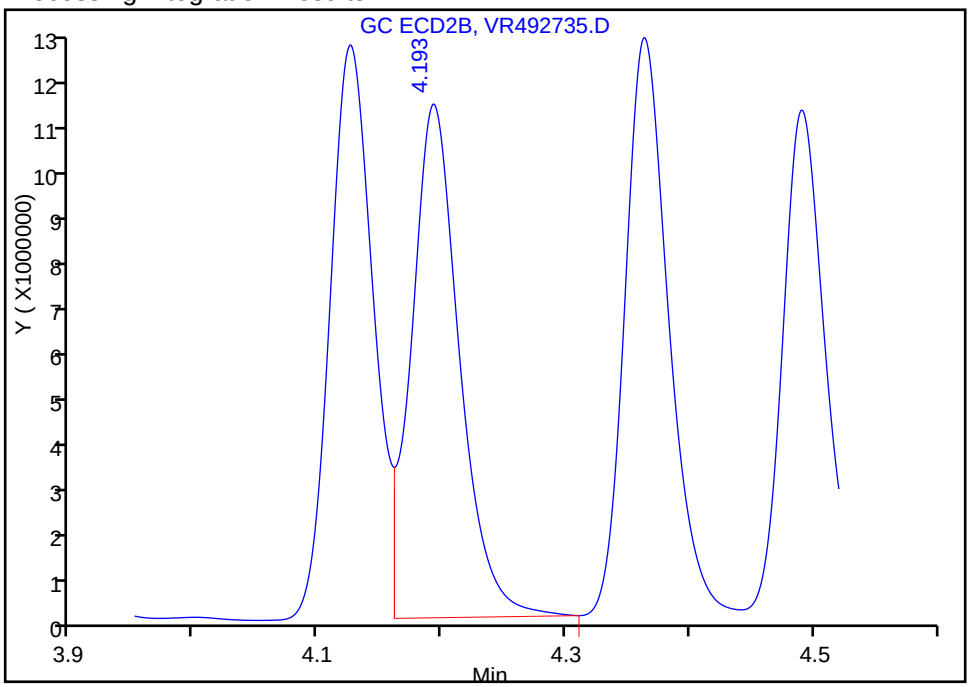
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8

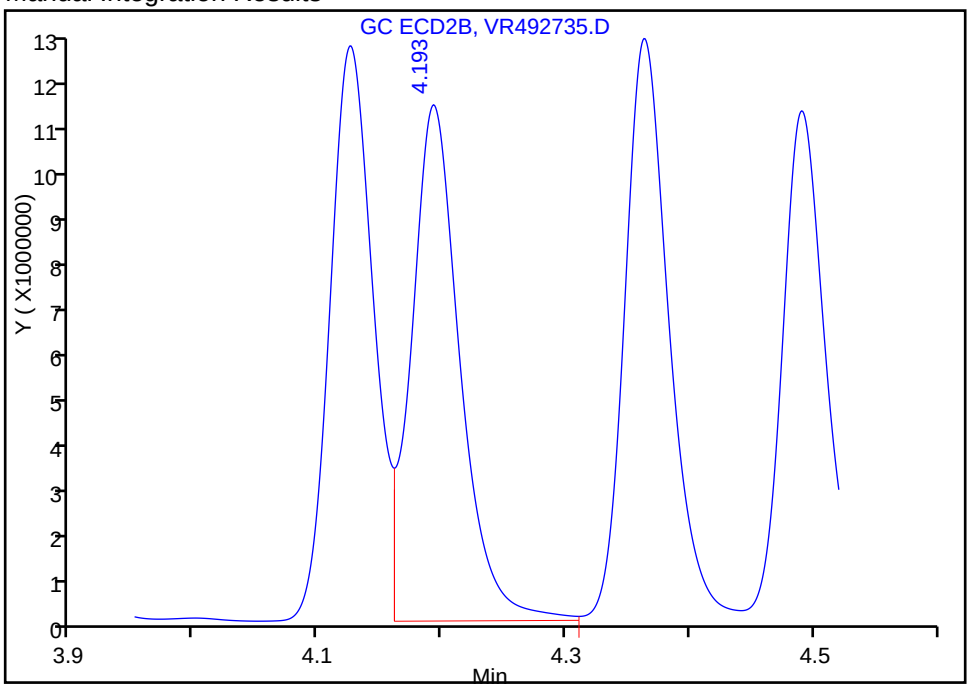
Processing Integration Results

RT: 4.19
Response: 28970225
Amount: 243.6160



Manual Integration Results

RT: 4.19
Response: 29537521
Amount: 248.3865



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

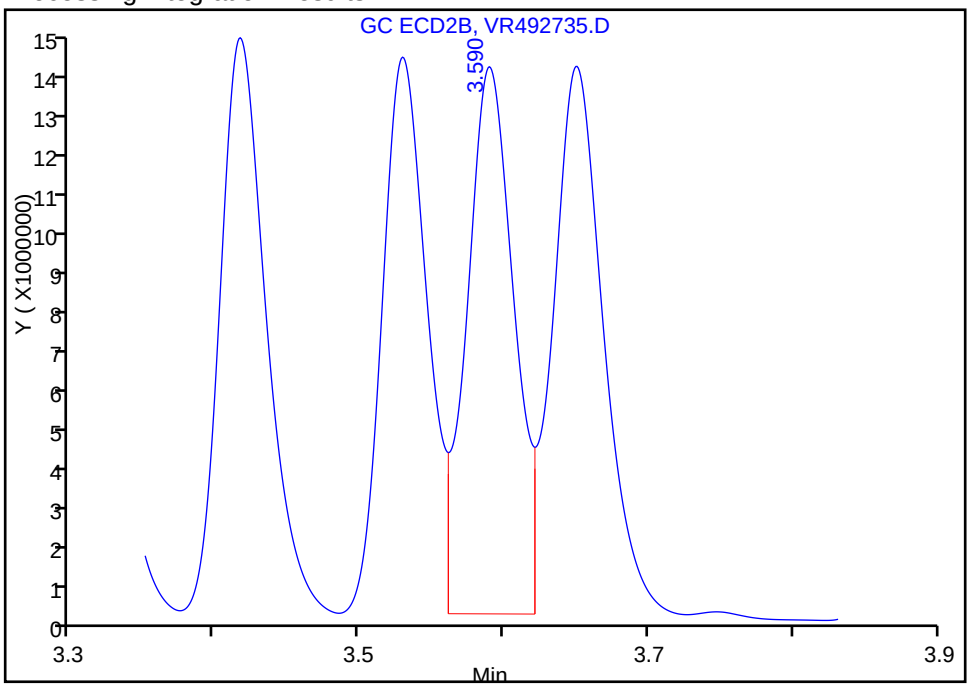
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9

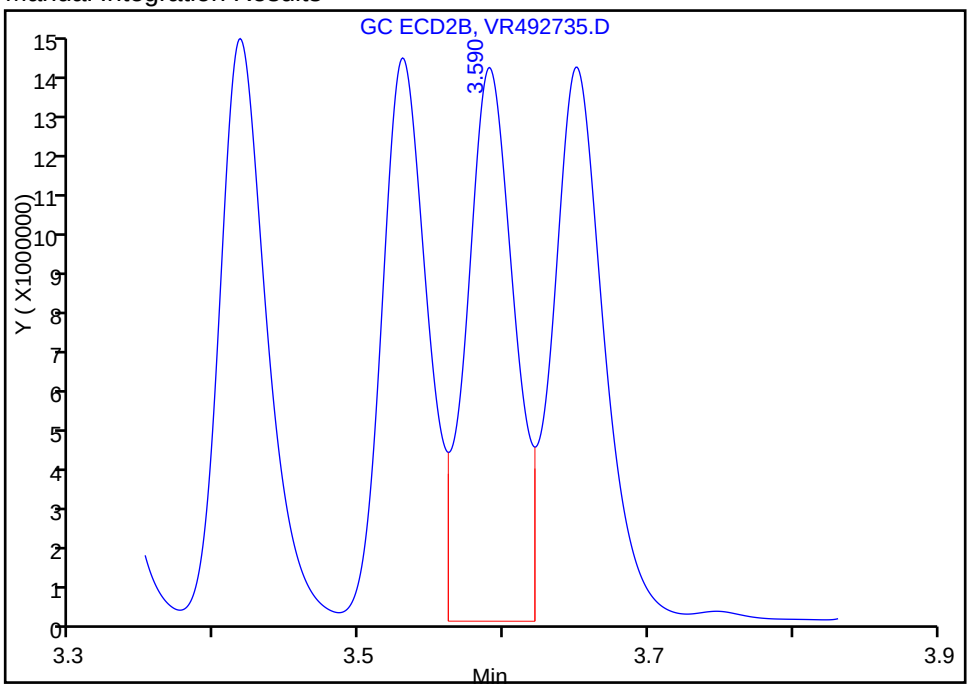
Processing Integration Results

RT: 3.59
Response: 30609092
Amount: 234.9201



Manual Integration Results

RT: 3.59
Response: 31311448
Amount: 240.3106



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

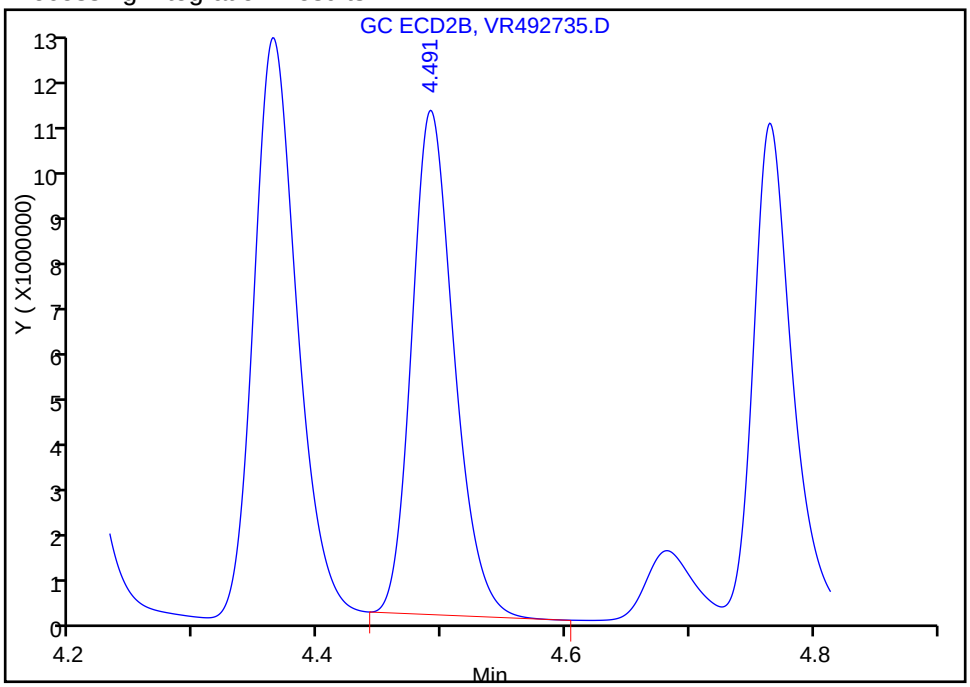
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

21 4,4'-DDT, CAS: 50-29-3

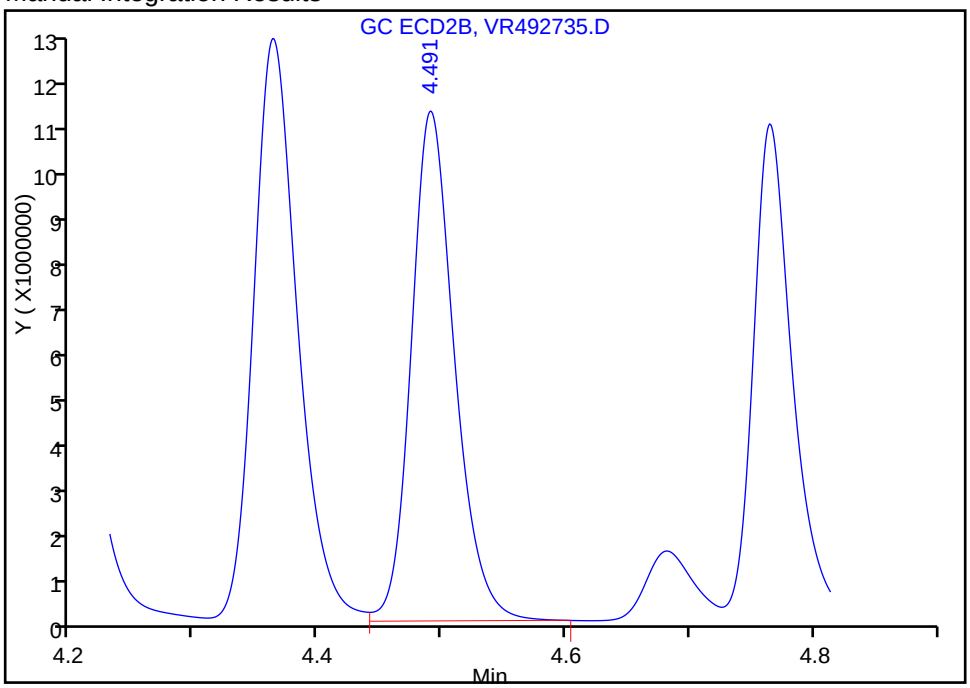
Processing Integration Results

RT: 4.49
Response: 25179368
Amount: 228.2449



Manual Integration Results

RT: 4.49
Response: 26041707
Amount: 236.0618



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

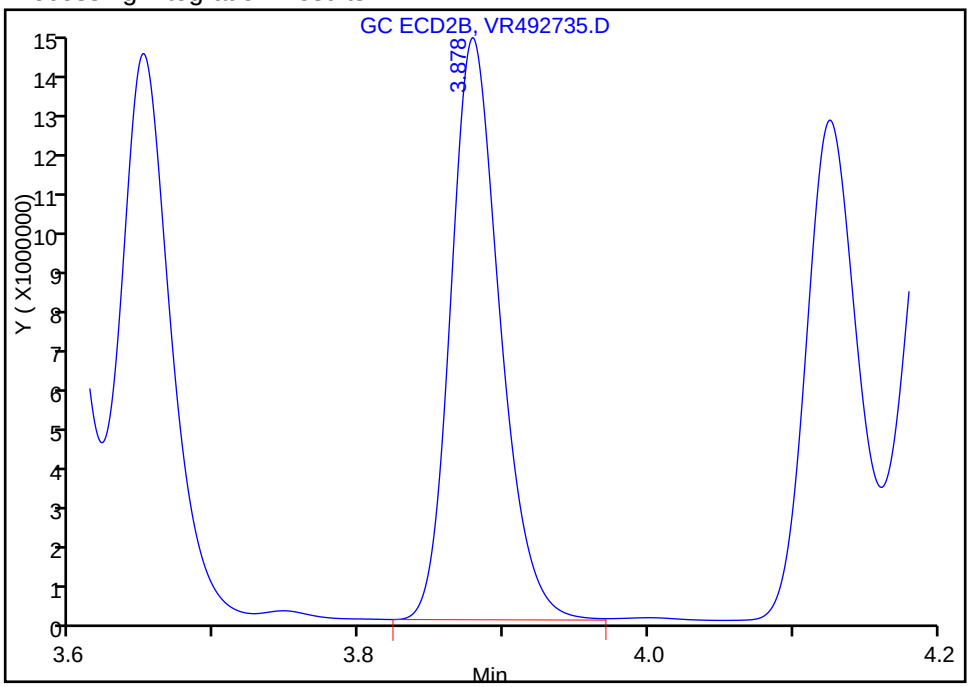
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1

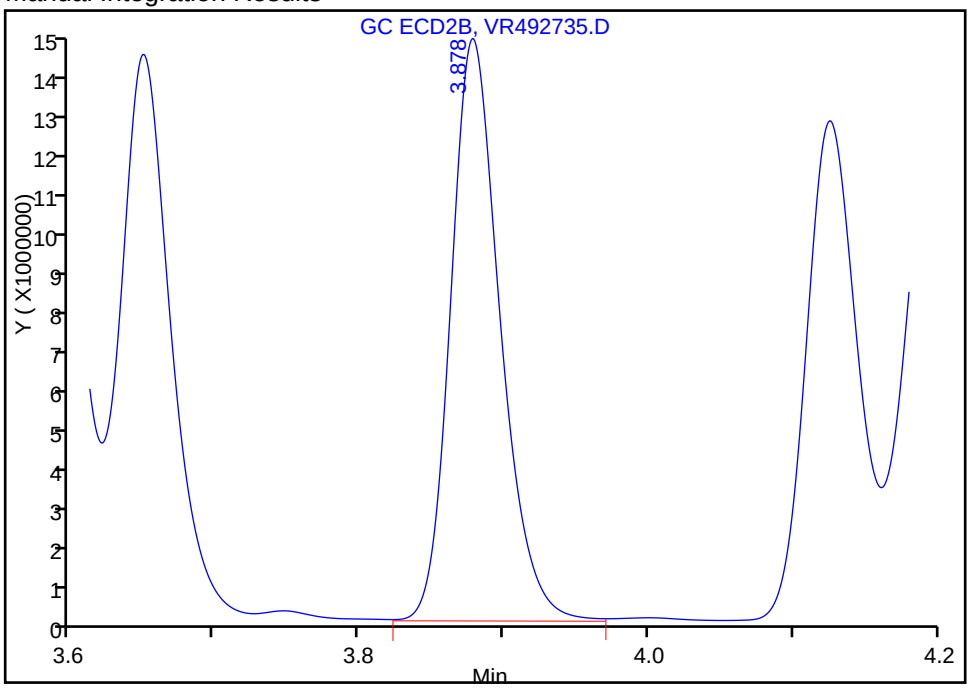
Processing Integration Results

RT: 3.88
Response: 33478112
Amount: 236.4874



Manual Integration Results

RT: 3.88
Response: 33723283
Amount: 238.2193



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

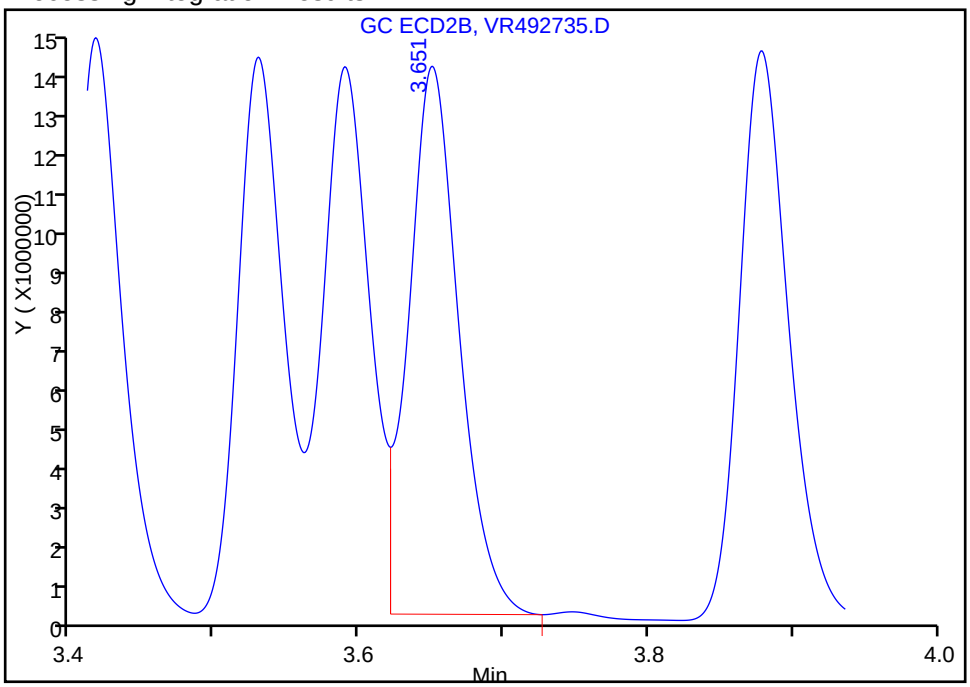
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

7 Endosulfan I, CAS: 959-98-8

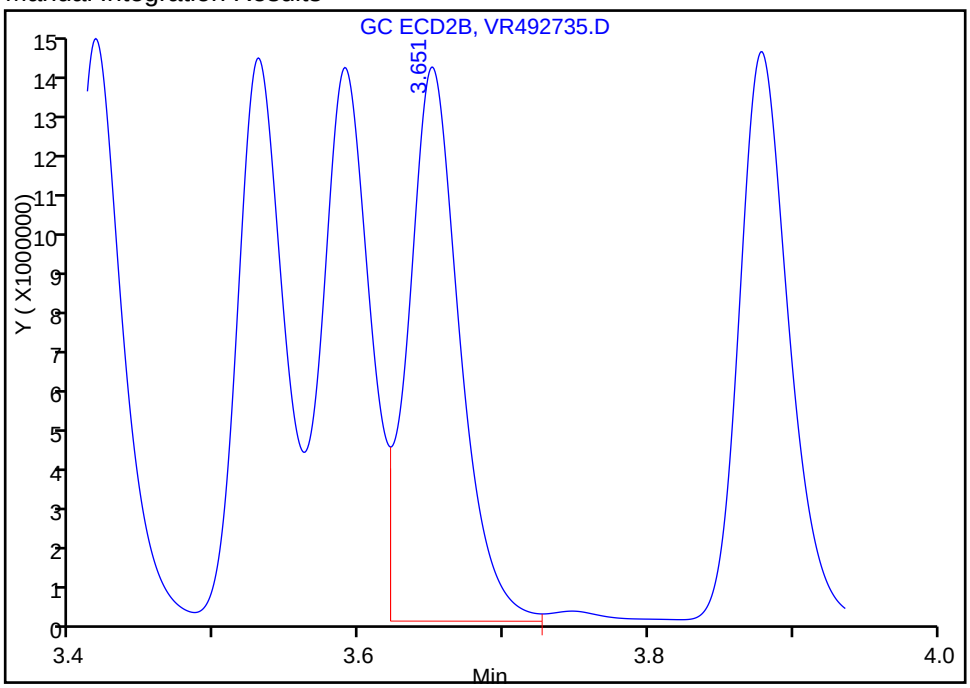
Processing Integration Results

RT: 3.65
Response: 32584001
Amount: 228.5830



Manual Integration Results

RT: 3.65
Response: 33757253
Amount: 236.8136



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

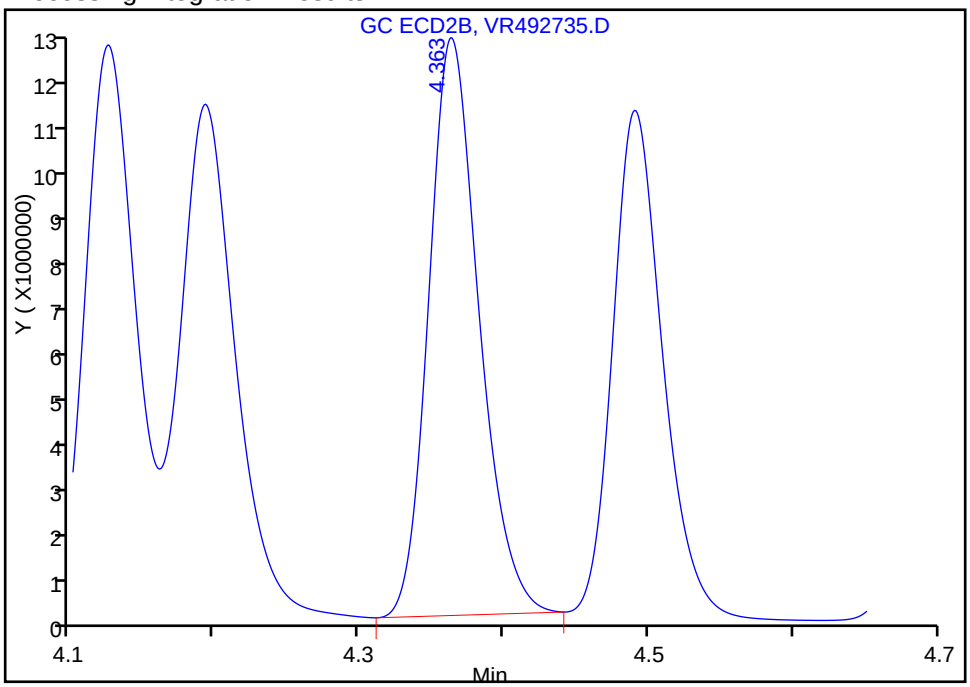
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9

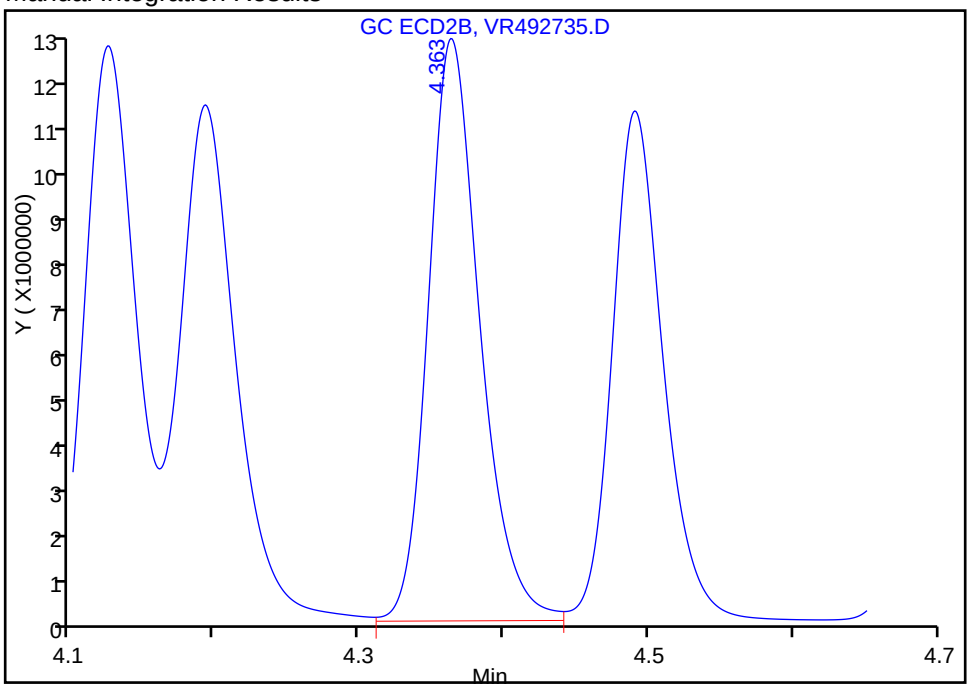
Processing Integration Results

RT: 4.36
Response: 29296125
Amount: 236.9663



Manual Integration Results

RT: 4.36
Response: 30346941
Amount: 245.4660



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

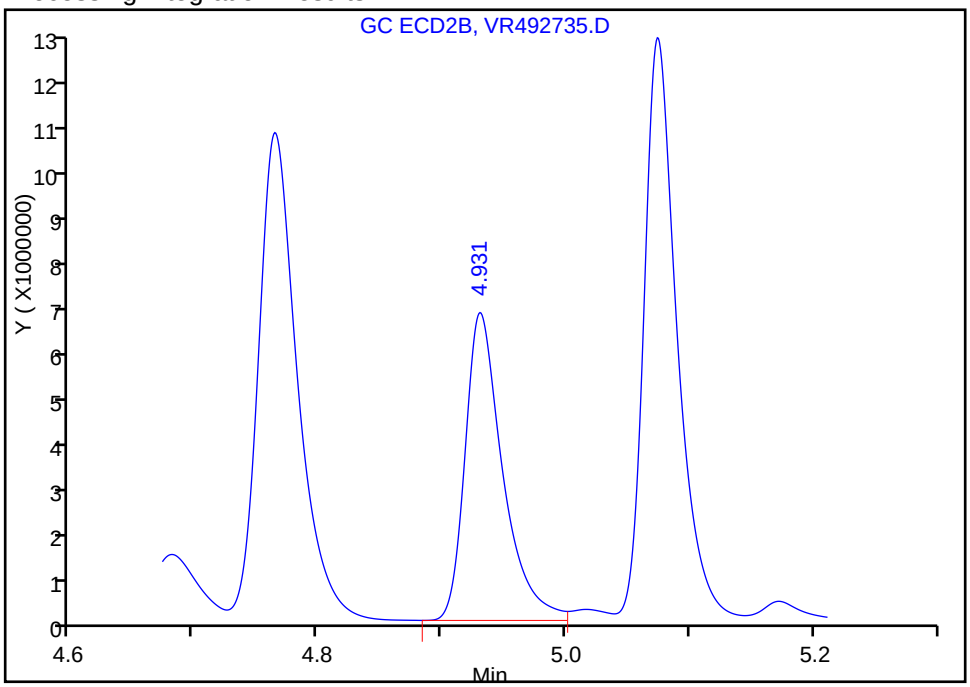
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

3 Endosulfan sulfate, CAS: 1031-07-8

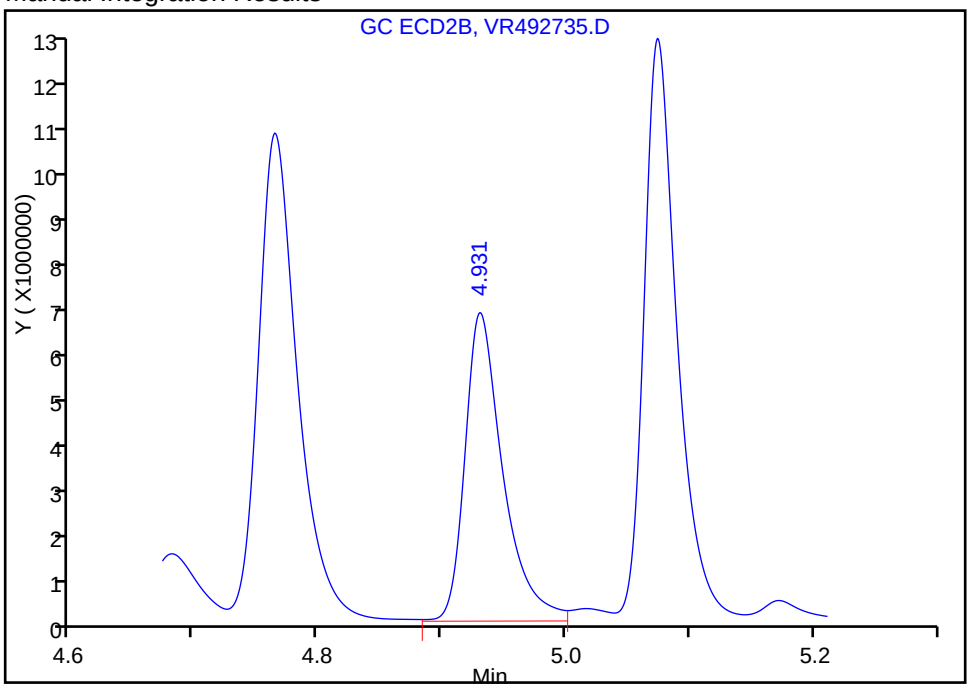
Processing Integration Results

RT: 4.93
Response: 13807996
Amount: 233.7401



Manual Integration Results

RT: 4.93
Response: 14038151
Amount: 237.6361



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

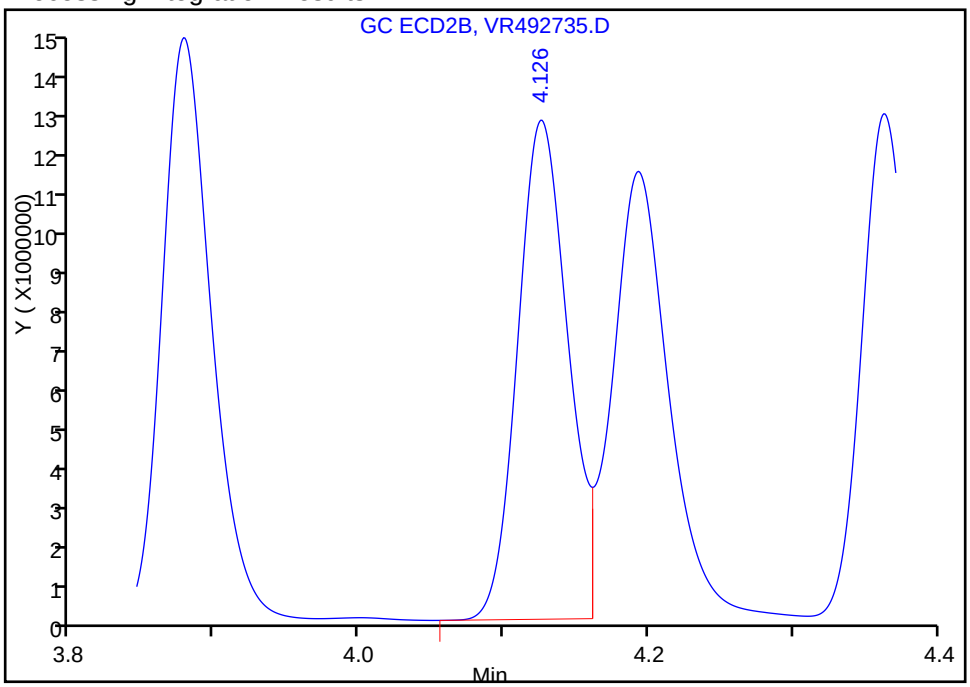
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8

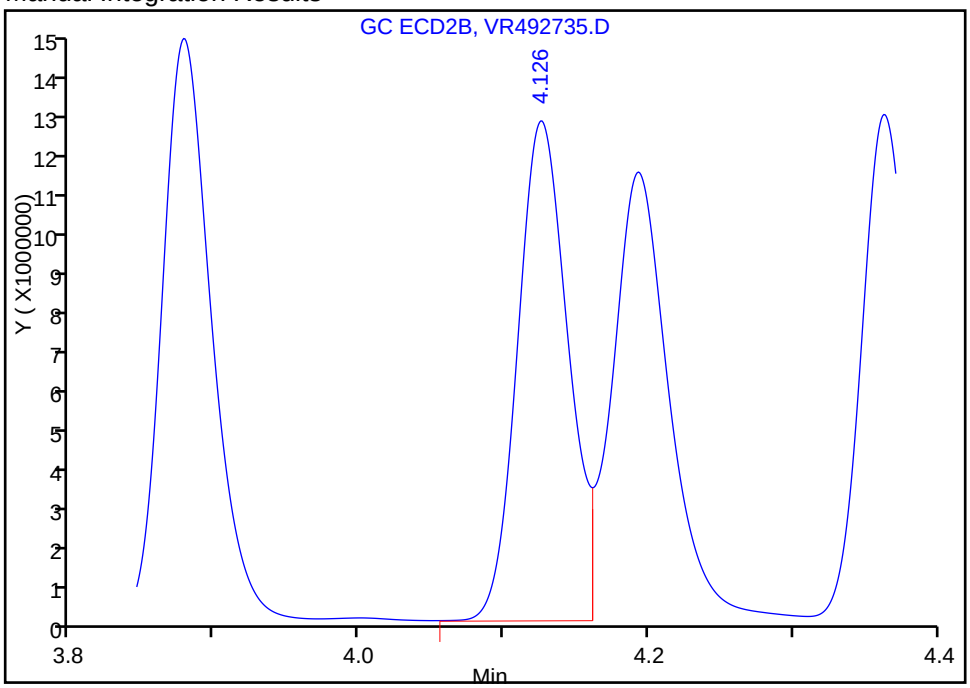
Processing Integration Results

RT: 4.13
Response: 29255780
Amount: 242.7495



Manual Integration Results

RT: 4.13
Response: 29441470
Amount: 244.2903



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

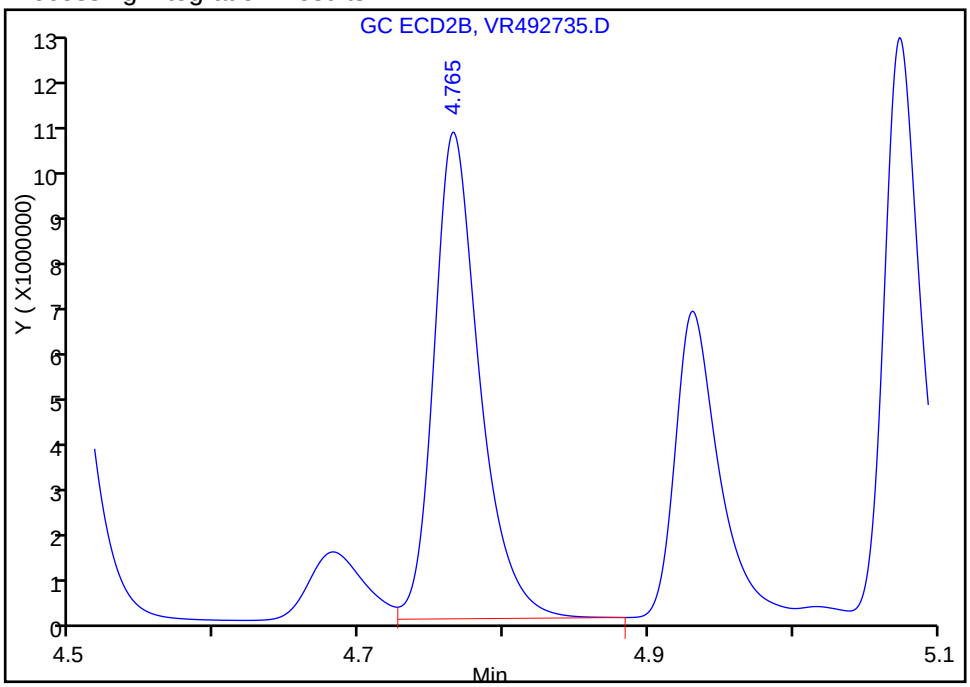
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4

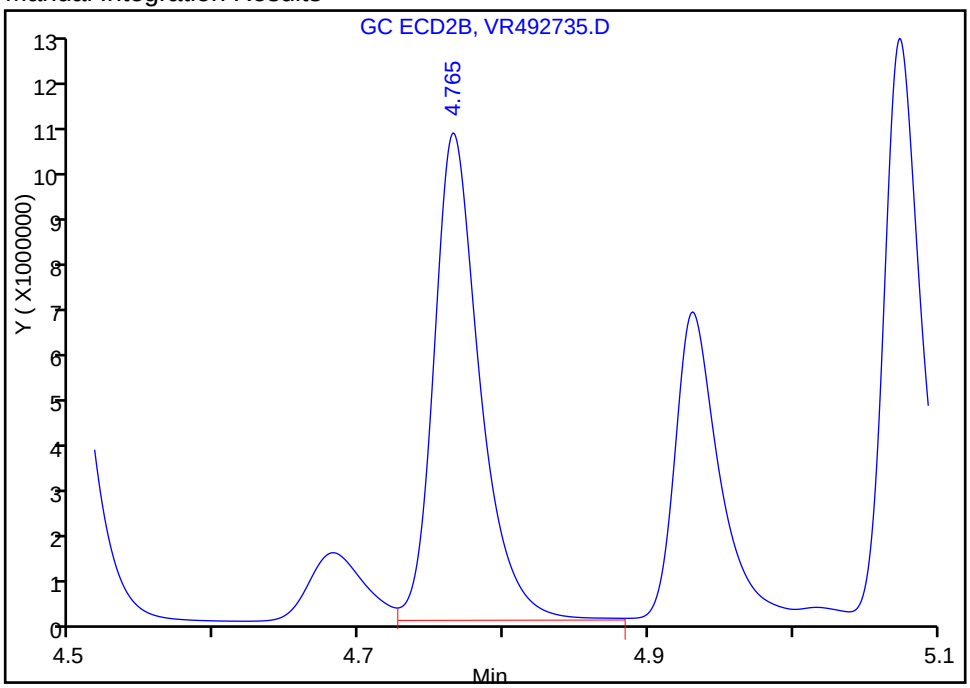
Processing Integration Results

RT: 4.76
Response: 22878276
Amount: 207.0040



Manual Integration Results

RT: 4.76
Response: 23080965
Amount: 208.8379



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

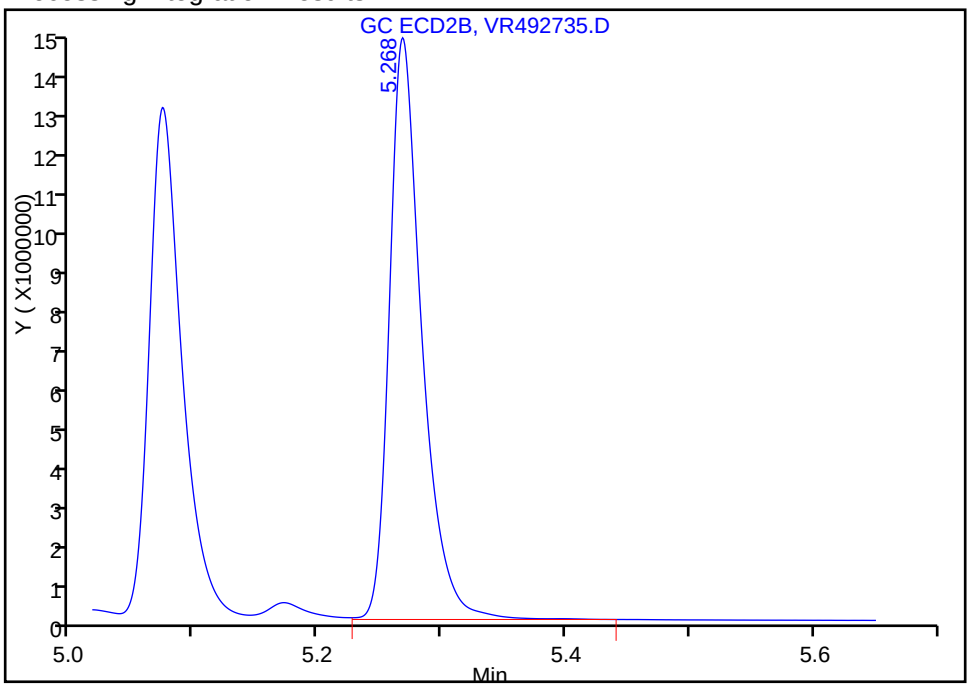
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

13 Endrin ketone, CAS: 53494-70-5

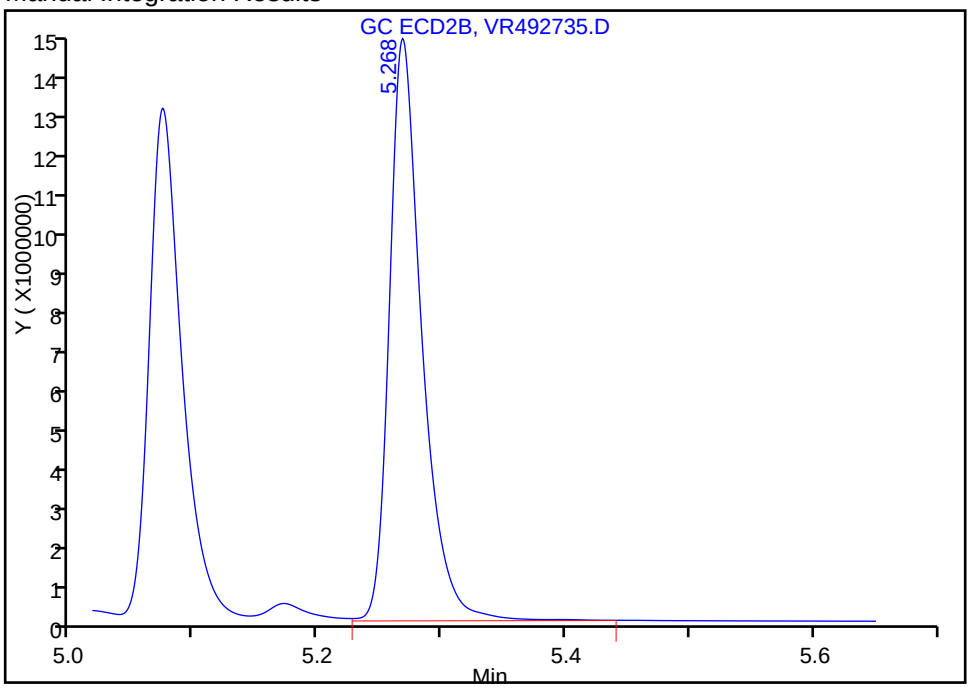
Processing Integration Results

RT: 5.27
Response: 25685156
Amount: 206.9034



Manual Integration Results

RT: 5.27
Response: 25821930
Amount: 208.0051



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

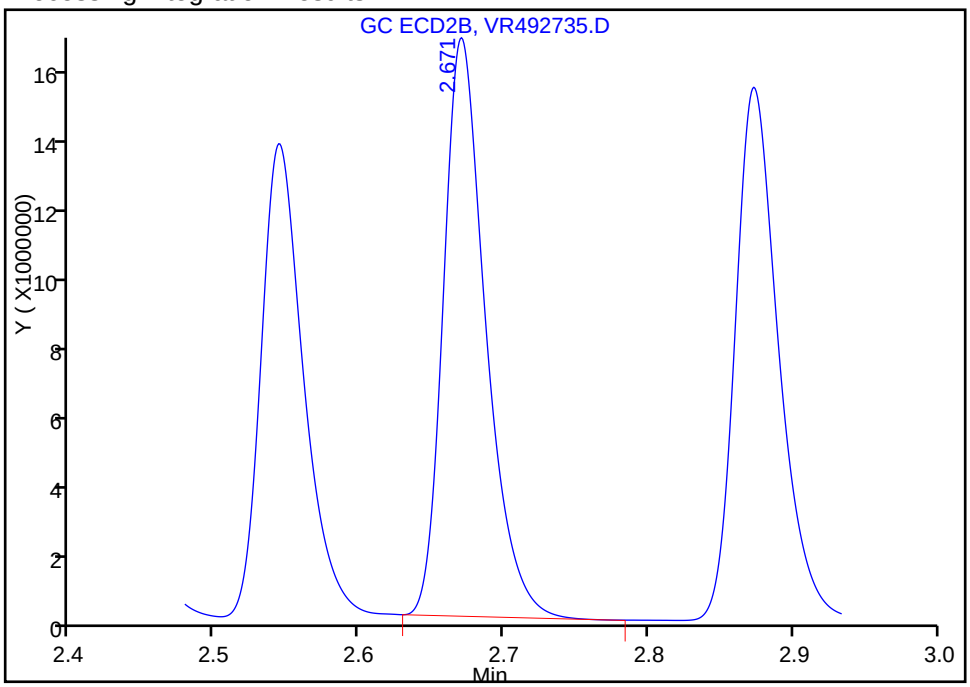
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D
Injection Date: 21-Jun-2014 16:44:28 Instrument ID: CPESTGC9
Lims ID: LCS 460-231851/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC9_8081_LVI Limit Group: GC 8081B PEST
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8

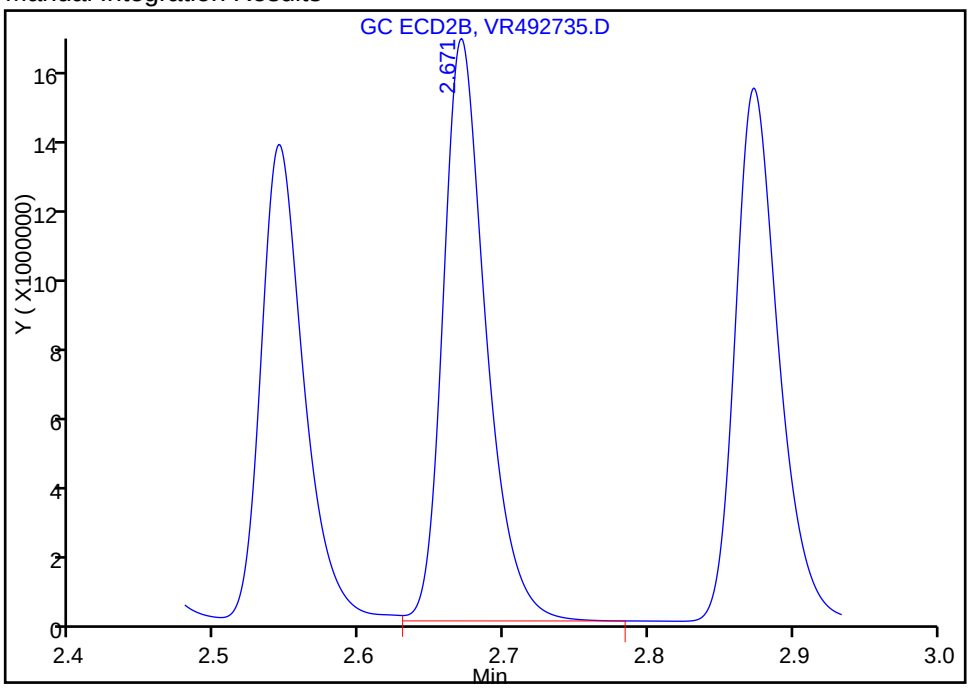
Processing Integration Results

RT: 2.67
Response: 33582958
Amount: 212.5426



Manual Integration Results

RT: 2.67
Response: 34253606
Amount: 216.7871



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

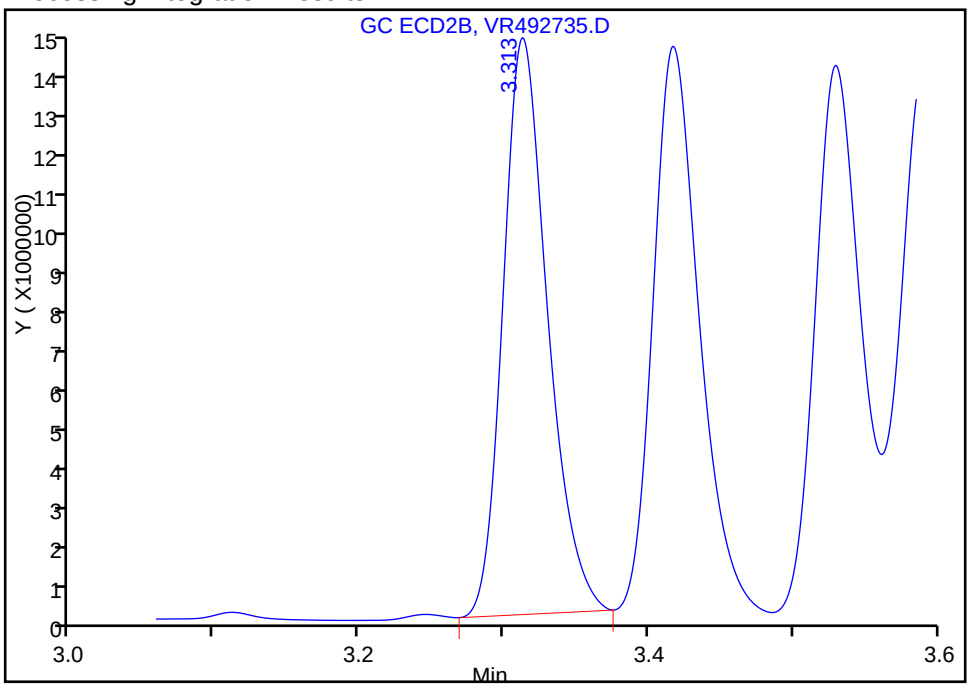
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

12 Heptachlor epoxide, CAS: 1024-57-3

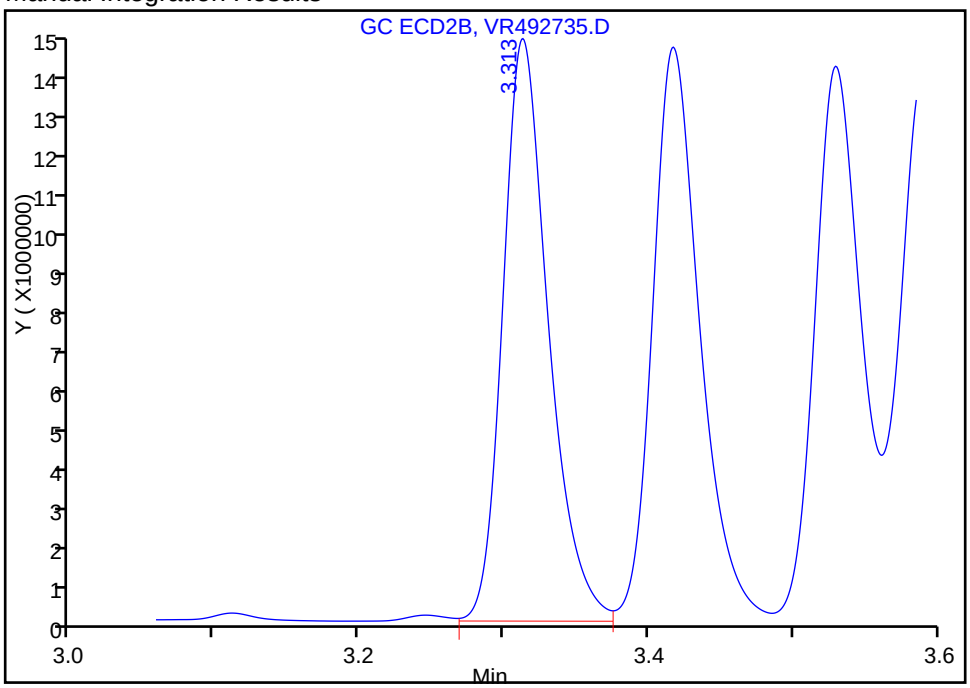
Processing Integration Results

RT: 3.31
Response: 31105341
Amount: 214.3850



Manual Integration Results

RT: 3.31
Response: 32146813
Amount: 221.5631



Reviewer: foleysont, 22-Jun-2014 13:25:16
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Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

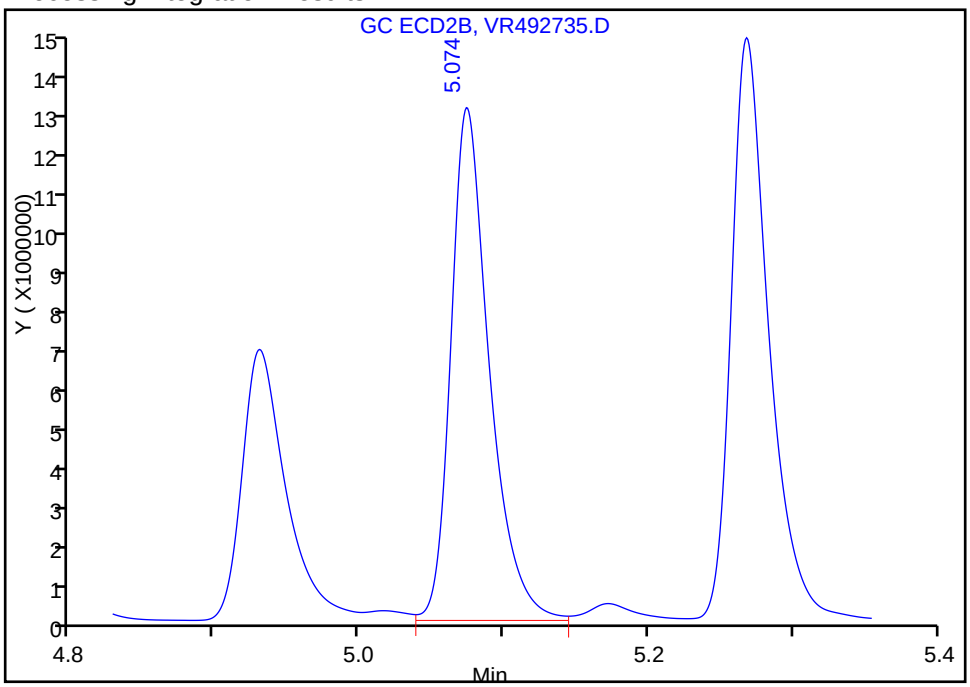
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

10 Methoxychlor, CAS: 72-43-5

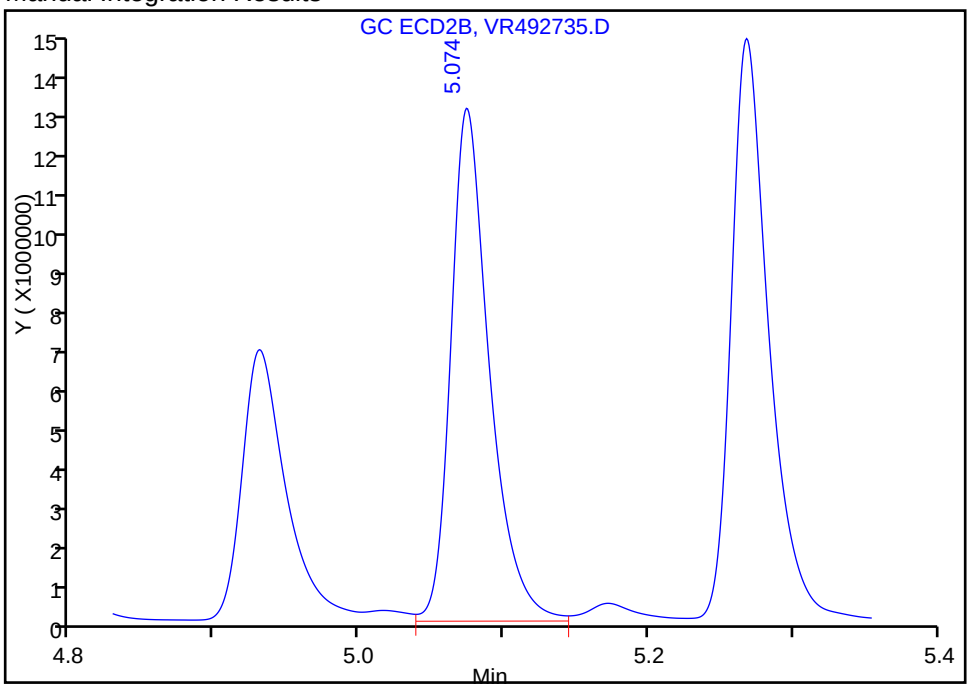
Processing Integration Results

RT: 5.07
Response: 22967861
Amount: 225.5644



Manual Integration Results

RT: 5.07
Response: 23121995
Amount: 227.0782



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

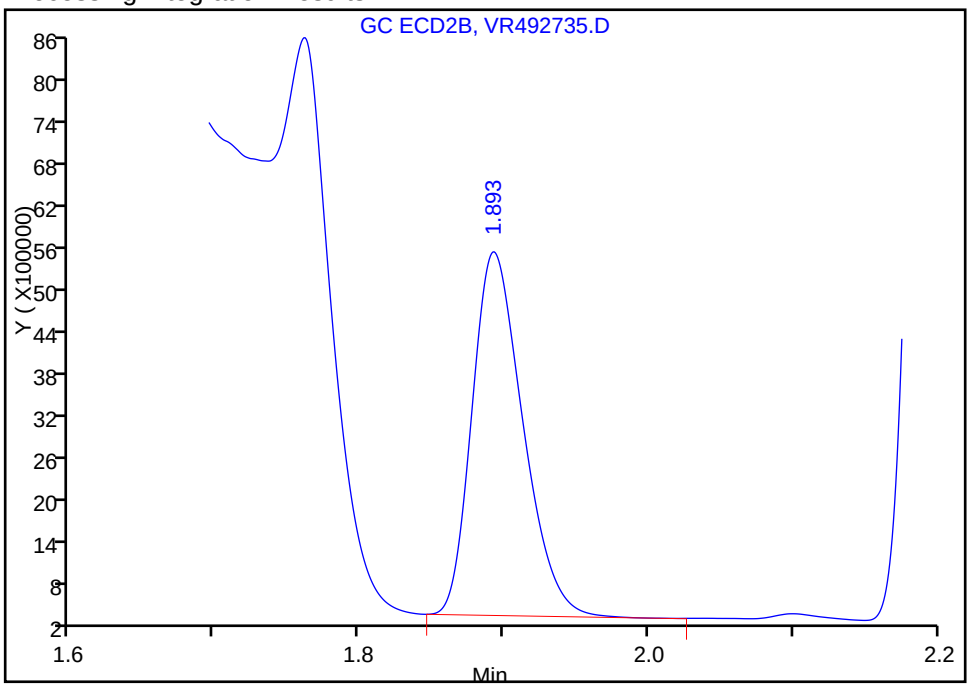
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 4 Tetrachloro-m-xylene, CAS: 877-09-8

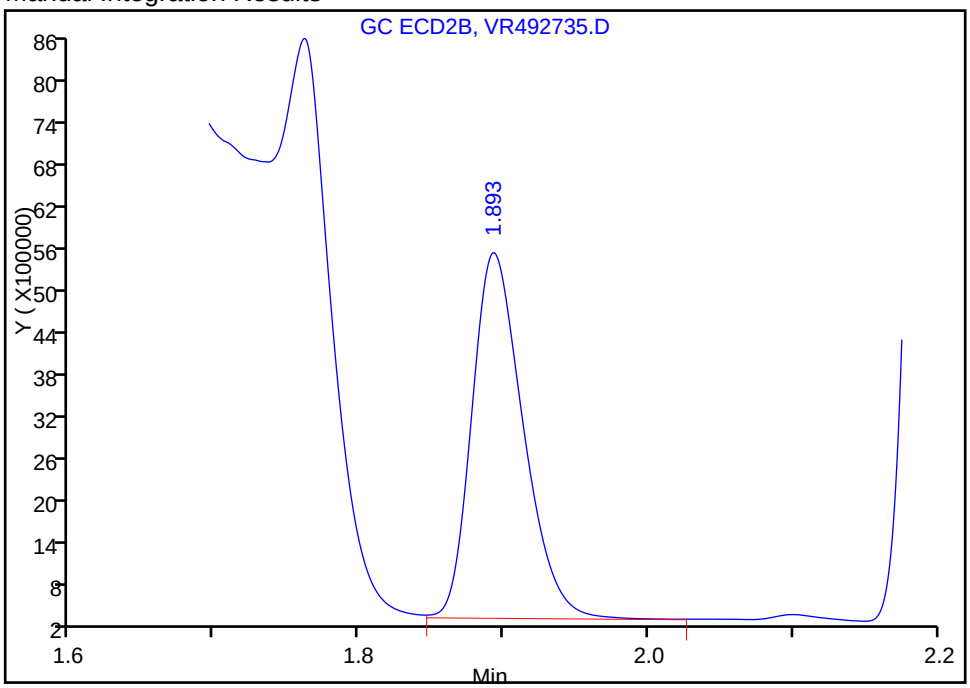
Processing Integration Results

RT: 1.89
Response: 12598317
Amount: 97.463104



Manual Integration Results

RT: 1.89
Response: 12818043
Amount: 99.162949



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

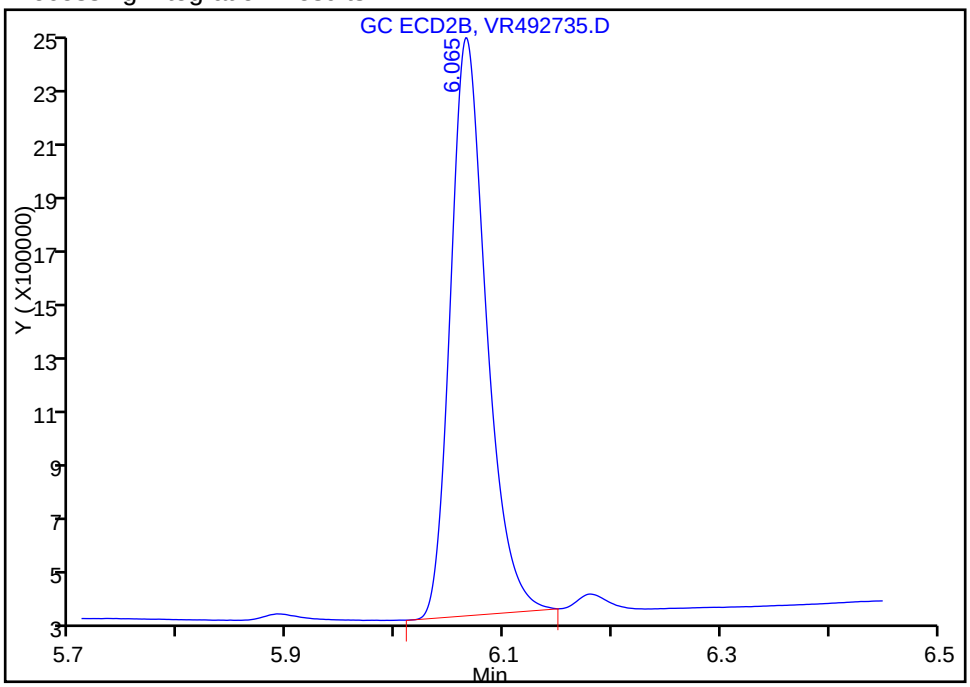
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492735.D				
Injection Date:	21-Jun-2014 16:44:28	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-231851/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC9_8081_LVI	Limit Group:	GC 8081B PEST		
Column:		Detector	GC ECD2B		

$ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

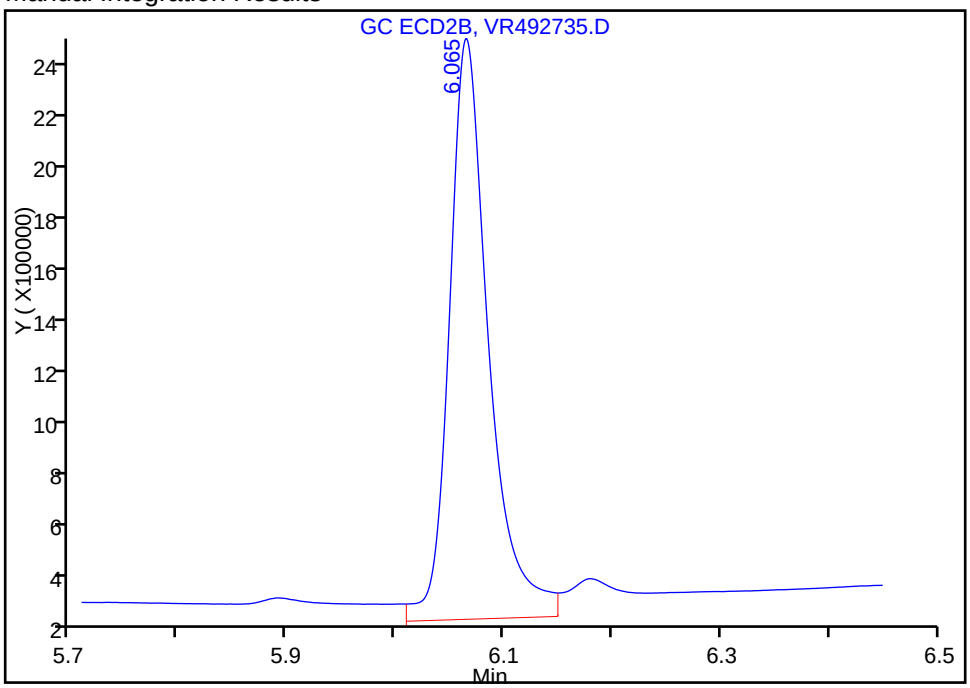
Processing Integration Results

RT: 6.06
Response: 4986352
Amount: 27.938159



Manual Integration Results

RT: 6.06
Response: 5637150
Amount: 35.409905



Reviewer: foleysont, 22-Jun-2014 13:25:16
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-231851/3-A

Matrix: Water | Lab File ID: VR492736.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 06/20/2014 10:09

Sample wt/vol: 125(mL) | Date Analyzed: 06/21/2014 16:56

Con. Extract Vol.: 1(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.: 232099 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*1.86*		*0.050*	*0.017*
319-84-6	alpha-BHC	1.90		0.050	0.0090
319-85-7	beta-BHC	2.09		0.050	0.013
319-86-8	delta-BHC	1.64		0.050	0.012
58-89-9	gamma-BHC (Lindane)	2.02		0.050	0.014
72-54-8	4,4'-DDD	2.05		0.050	0.019
72-55-9	4,4'-DDE	1.98		0.050	0.016
50-29-3	*4,4'-DDT*	*1.89*		*0.050*	*0.017*
60-57-1	Dieldrin	1.97		0.050	0.022
959-98-8	Endosulfan I	2.00		0.050	0.016
33213-65-9	*Endosulfan II*	*1.87*		*0.050*	*0.016*
1031-07-8	*Endosulfan sulfate*	*1.77*		*0.050*	*0.016*
72-20-8	Endrin	1.95		0.050	0.017
7421-93-4	*Endrin aldehyde*	*1.66*		*0.050*	*0.016*
53494-70-5	Endrin ketone	1.81		0.050	0.016
76-44-8	Heptachlor	1.88		0.050	0.014
1024-57-3	Heptachlor epoxide	1.92		0.050	0.016
72-43-5	Methoxychlor	2.12		0.050	0.015

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		50-147
2051-24-3	DCB Decachlorobiphenyl	41		26-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\VR492736.D
Lims ID: LCSD 460-231851/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 21-Jun-2014 16:56:00 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\EDICHROM\ChromData\CPESTGC9\20140621-14871.b\GC9_8081_LVI.m
Limit Group: GC 8081B PEST
Last Update: 22-Jun-2014 13:53:10 Calib Date: 18-Jun-2014 14:41:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20140618-14736.b\VR492617.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK049

First Level Reviewer: foleysont Date: 22-Jun-2014 13:28:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene							M
1	2.211	2.209	0.002	8896411	100.0	82.6	
2	1.893	1.891	0.002	12838032	100.0	99.3	M
						RPD = 18.32	
15 alpha-BHC							M
1	2.621	2.620	0.001	28992040	200.0	237.3	
2	2.197	2.194	0.003	35413896	200.0	226.9	M
						RPD = 4.48	
2 gamma-BHC (Lindane)							M
1	2.881	2.880	0.001	26384060	200.0	251.9	
2	2.382	2.381	0.001	32909989	200.0	234.2	M
						RPD = 7.29	
6 beta-BHC							M
1	2.928	2.927	0.001	17092670	200.0	260.9	
2	2.430	2.429	0.001	19393006	200.0	227.2	M
						RPD = 13.81	
32 delta-BHC							M
1	3.172	3.171	0.001	21964318	200.0	205.4	
2	2.545	2.544	0.001	28243034	200.0	198.1	M
						RPD = 3.64	
18 Heptachlor							M
1	3.243	3.241	0.002	29365845	200.0	235.4	
2	2.671	2.669	0.002	34432193	200.0	217.9	M
						RPD = 7.73	
8 Aldrin							M
1	3.540	3.539	0.001	26824836	200.0	233.0	
2	2.873	2.872	0.001	32143297	200.0	236.6	M
						RPD = 1.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							M
1	4.125	4.123	0.002	27225230	200.0	239.5	
2	3.313	3.312	0.001	32272970	200.0	222.4	M
						RPD = 7.40	
9 gamma-Chlordane							M
1	4.335	4.334	0.001	26935362	200.0	246.0	
2	3.417	3.416	0.001	32880147	200.0	236.0	M
						RPD = 4.15	
23 alpha-Chlordane							M
1	4.497	4.495	0.002	25051812	200.0	238.6	
2	3.531	3.529	0.002	30504683	200.0	229.1	M
						RPD = 4.06	
7 Endosulfan I							M
1	4.570	4.569	0.001	25995068	200.0	250.1	
2	3.651	3.649	0.002	33596451	200.0	235.7	M
						RPD = 5.94	
25 4,4'-DDE							M
1	4.655	4.654	0.001	24903592	200.0	247.7	
2	3.591	3.589	0.002	31180505	200.0	239.3	M
						RPD = 3.47	
30 Dieldrin							
1	4.830	4.829	0.001	26092643	200.0	246.3	
2	3.879	3.878	0.001	33510557	200.0	236.7	
						RPD = 3.96	
20 Endrin							M
1	5.062	5.062	0.000	21014495	200.0	243.6	M
2	4.127	4.125	0.002	29238954	200.0	242.6	M
						RPD = 0.41	
16 4,4'-DDD							M
1	5.121	5.120	0.001	21561545	200.0	256.4	M
2	4.194	4.193	0.001	29743732	200.0	250.1	M
						RPD = 2.47	
11 Endosulfan II							M
1	5.207	5.207	0.000	23520043	200.0	234.1	M
2	4.364	4.363	0.001	30469744	200.0	246.5	M
						RPD = 5.15	
21 4,4'-DDT							M
1	5.337	5.336	0.001	18257914	200.0	235.7	M
2	4.492	4.490	0.002	26205248	200.0	237.5	M
						RPD = 0.78	
5 Endrin aldehyde							M
1	5.432	5.432	0.000	18135483	200.0	207.9	M
2	4.766	4.764	0.002	23246673	200.0	210.3	M
						RPD = 1.15	
3 Endosulfan sulfate							M
1	5.632	5.632	0.000	20557471	200.0	221.5	
2	4.931	4.930	0.001	14177854	200.0	240.0	M
						RPD = 8.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							M
1	5.867	5.866	0.001	10873763	200.0	264.5	M
2	5.075	5.074	0.001	23086120	200.0	226.7	M
						RPD = 15.38	
13 Endrin ketone							M
1	6.102	6.101	0.001	24768657	200.0	226.5	M
2	5.268	5.268	0.000	25857432	200.0	208.3	M
						RPD = 8.37	
$ 24 DCB Decachlorobiphenyl							M
1	7.062	7.062	0.000	5234745	100.0	41.4	M
2	6.065	6.064	0.001	5422908	100.0	33.0	M
						RPD = 22.78	

QC Flag Legend

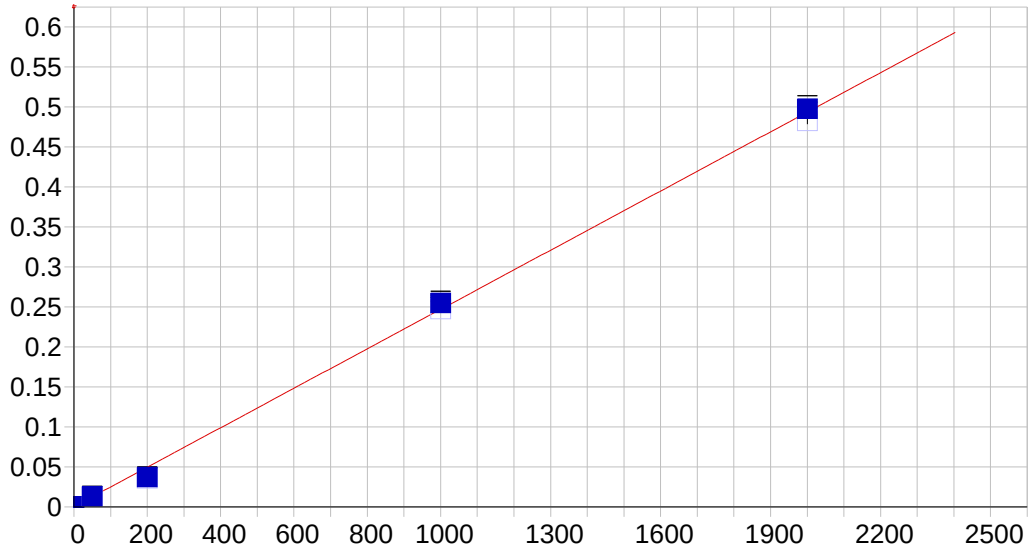
Review Flags
M - Manually Integrated

Mo 202.030 {467}

Date of Fit:	6/20/2014 16:56:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000948	Re-Slope:	1.000000
A1 (Gain):	0.001088	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997608	Status:	OK.
Std Error of Est:	0.001233		
Predicted MDL:	0.199656		
Predicted MQL:	0.665519		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00358	.004	.000	.00095	.000	1
CAL1	20.000	20.965	.965	4.82	.02380	.000	1
CAL2	500.00	366.26	-134.	-26.7	.39968	.002	1
CAL3	2500.0	2569.2	69.2	2.77	2.7975	.026	1
CAL4	5000.0	5063.5	63.5	1.27	5.5125	.050	1

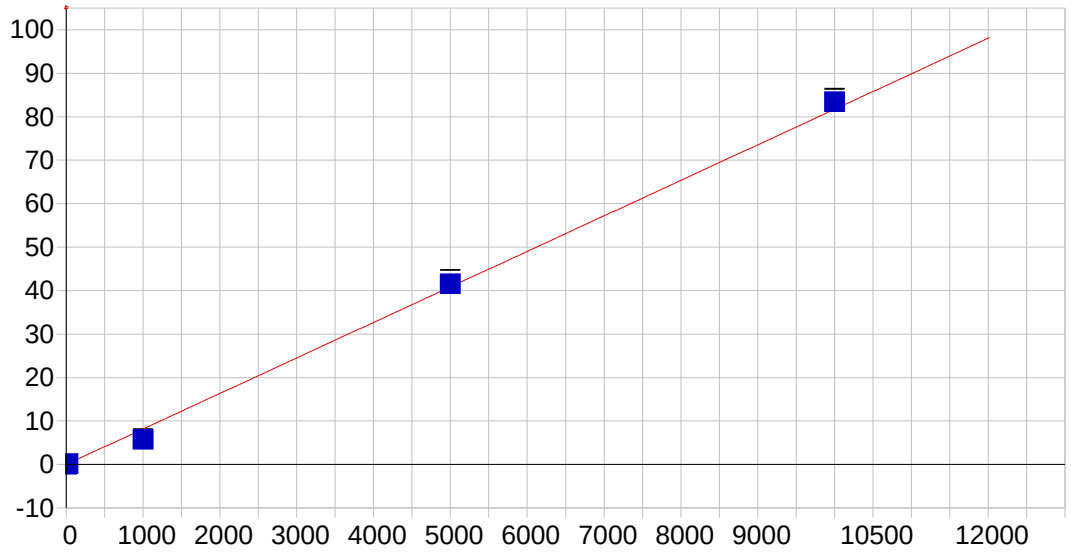


Sn 189.989 {477}

Date of Fit:	6/20/2014 16:56:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000328	Re-Slope:	1.000000
A1 (Gain):	0.000247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997738	Status:	OK.
Std Error of Est:	0.000265		
Predicted MDL:	0.639641		
Predicted MQL:	2.132135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00802	.008	.000	.00033	.000	1
CAL1	50.000	52.548	2.55	5.10	.01328	.000	1
CAL2	200.00	149.78	-50.2	-25.1	.03575	.000	1
CAL3	1000.0	1031.7	31.7	3.17	.24721	.002	1
CAL4	2000.0	2015.9	15.9	.797	.48240	.004	1

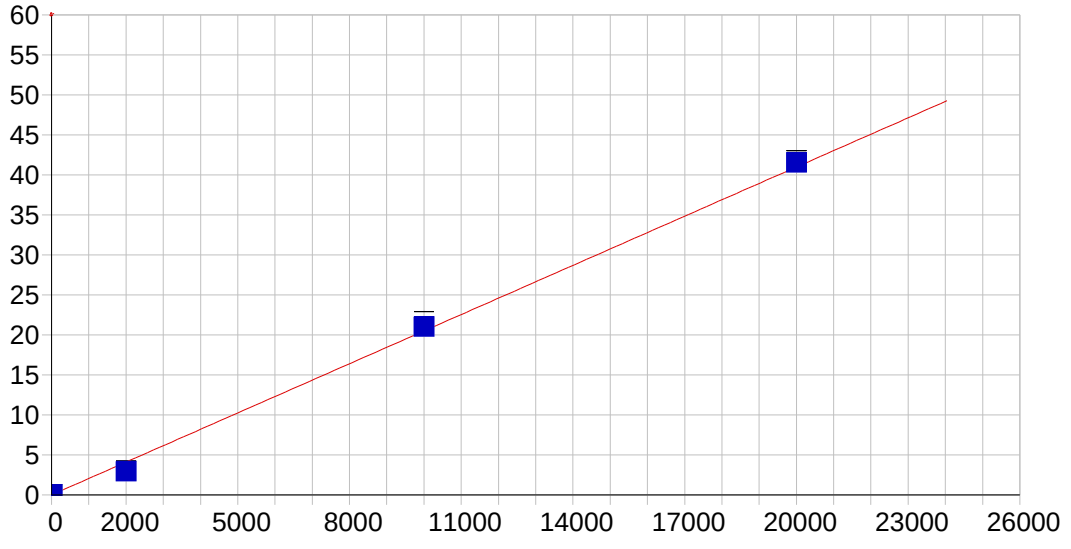


Sr 407.771 { 83}

Date of Fit:	6/20/2014 16:56:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002550	Re-Slope:	1.000000
A1 (Gain):	0.008170	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997095	Status:	OK.
Std Error of Est:	0.014435		
Predicted MDL:	0.104735		
Predicted MQL:	0.349117		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00449	.004	.000	-.00251	.000	1
CAL1	20.000	20.670	.670	3.35	.16661	.001	1
CAL2	1000.0	703.59	-296.	-29.6	5.7576	.047	1
CAL3	5000.0	5087.8	87.8	1.76	41.625	.902	1
CAL4	10000.	10208.	208.	2.08	83.515	.726	1

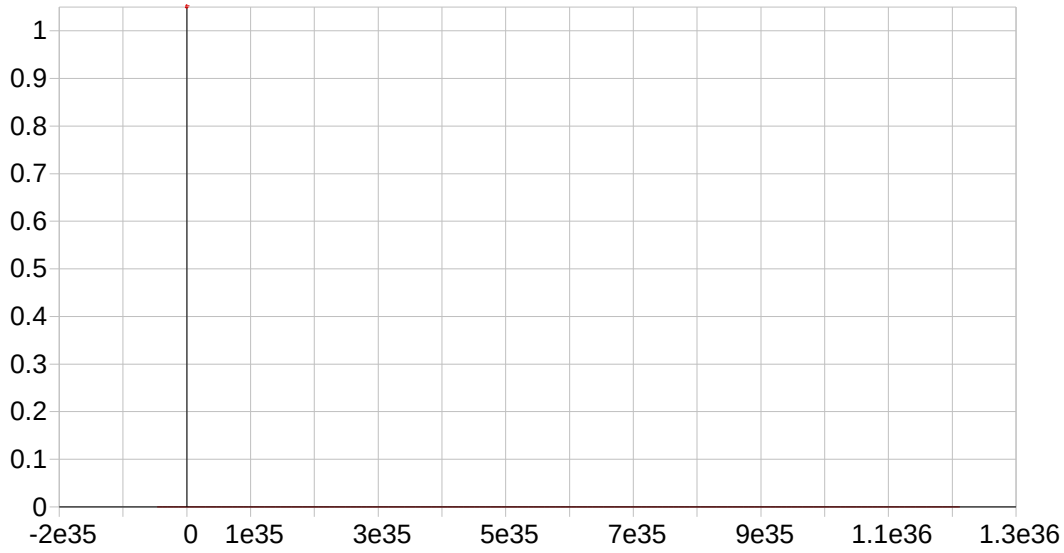


Ti 334.941 {101}

Date of Fit:	6/20/2014 16:56:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003271	Re-Slope:	1.000000
A1 (Gain):	0.002049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997469	Status:	OK.
Std Error of Est:	0.004770		
Predicted MDL:	0.141329		
Predicted MQL:	0.471097		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00332	.003	.000	.00328	.001	1
CAL1	20.000	21.370	1.37	6.85	.04707	.000	1
CAL2	2000.0	1449.4	-551.	-27.5	2.9737	.010	1
CAL3	10000.	10264.	264.	2.64	21.037	.629	1
CAL4	20000.	20285.	285.	1.43	41.575	.224	1

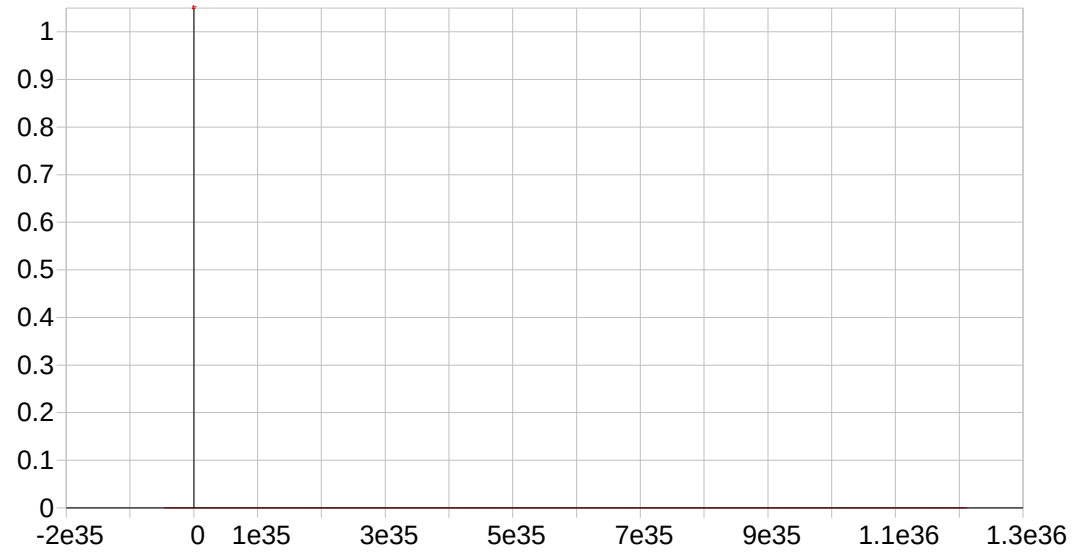


Y 224.306 {450}*

Date of Fit:	6/20/2014 15:48:48	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

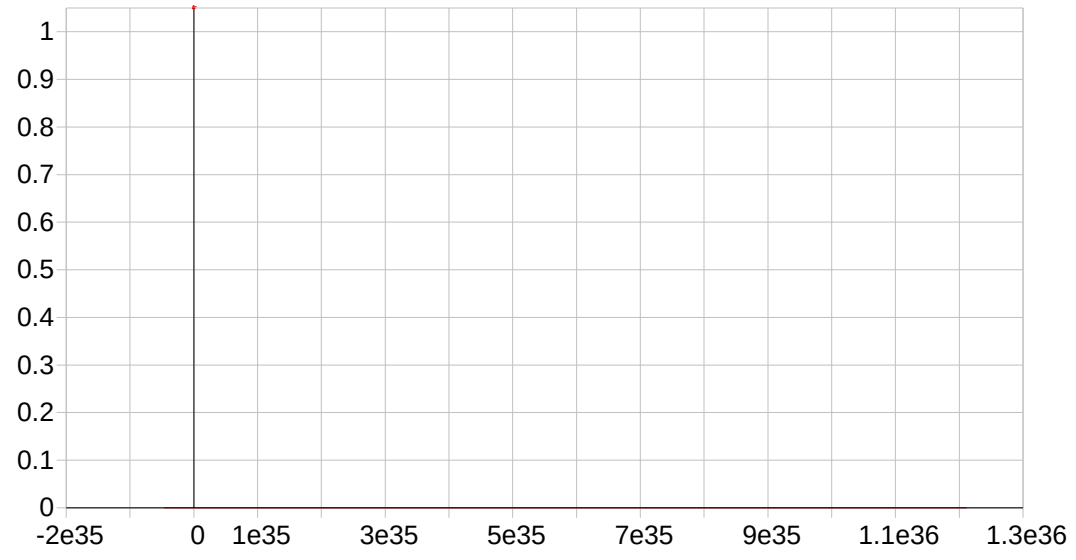


Y 360.073 { 94}*

Date of Fit:	6/20/2014 15:48:48	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:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



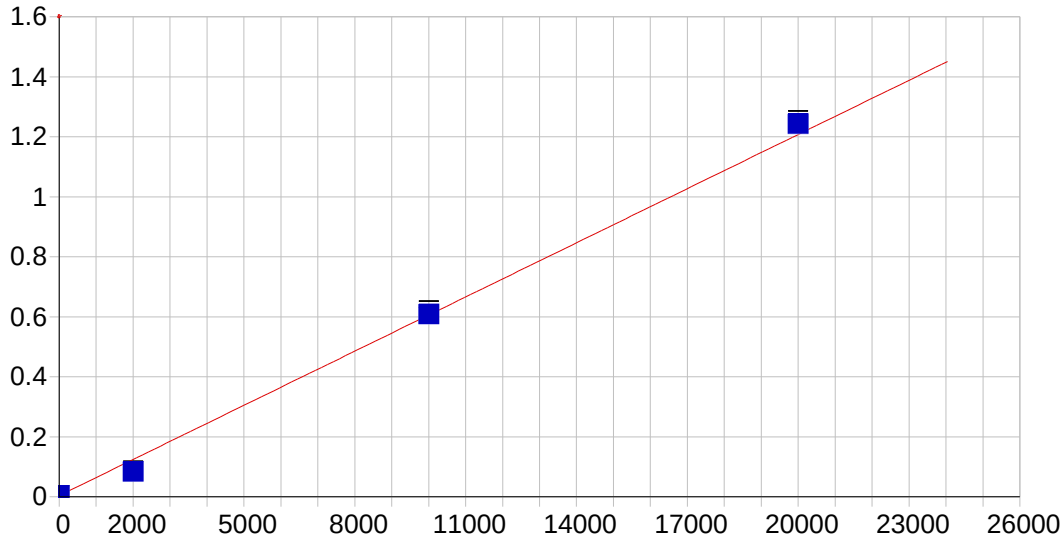
Y 371.030 { 91}*

Date of Fit:	6/20/2014 15:48:48	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:	192.759705				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	6/20/2014 16:56:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003910	Re-Slope:	1.000000
A1 (Gain):	0.000060	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996339	Status:	OK.
Std Error of Est:	0.001842		
Predicted MDL:	13.237159		
Predicted MQL:	44.123863		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.58627	.586	.000	.00394	.001	1
CAL4	20000.	20608.	608.	3.04	1.2419	.010	1
CAL2	2000.0	1343.1	-657.	-32.8	.08452	.000	1
CAL3	10000.	10049.	49.2	.492	.60759	.011	1

Sample Name: CAL_BLK Acquired: 6/20/2014 16:37:13 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0006	-.0001	-.0031	.0002	-.0016	.0082
Stddev	.0002	.0002	.0016	.0001	.0005	.0001
%RSD	28.02	172.3	50.12	78.05	33.65	1.490

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_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	-.0001	.0001	.0059	.0002	-.0026
Stddev	.0002	.0001	.0000	.0002	.0001	.0012
%RSD	102.5	104.2	11.79	3.359	75.75	45.29

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	.0000	.0002	.0126	-.0005	-.0000	-.0002
Stddev	.0001	.0001	.0009	.0005	.0001	.0002
%RSD	357.4	63.38	6.932	95.48	7238.	130.1

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	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0008	-.0005	.0002	.0017	.0010	.0010
Stddev	.0002	.0002	.0002	.0002	.0003	.0002
%RSD	19.50	35.35	77.14	13.24	24.65	23.34

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0025	.0033	.0039
Stddev	.0000	.0005	.0009	.0007
%RSD	13.87	19.20	28.83	16.74

Sample Name: CAL_BLK Acquired: 6/20/2014 16:37:13 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	3501.2	29760.	6970.7
Stddev	9.2	198.	33.1
%RSD	.26218	.66581	.47533

Sample Name: CAL1 Acquired: 6/20/2014 16:41:01 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0094	.0015	.0317	.6342	.0155	.3135
Stddev	.0003	.0002	.0010	.0070	.0003	.0010
%RSD	3.480	13.02	3.079	1.098	2.172	.3322

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_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0175	.0780	.0047	.0274	.0048	.2541
Stddev	.0003	.0009	.0001	.0001	.0001	.0006
%RSD	1.483	1.105	2.765	.3177	2.118	.2409

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	.2603	.0390	.2717	.0430	.0033	.0043
Stddev	.0013	.0002	.0011	.0003	.0004	.0001
%RSD	.4951	.4946	.3931	.7658	11.28	2.926

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	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0026	.0038	.0269	.0548	.0273	.0238
Stddev	.0003	.0001	.0002	.0004	.0005	.0001
%RSD	10.60	2.887	.7559	.7880	1.686	.3055

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S
Avg	.0133	.1666	.0471
Stddev	.0001	.0009	.0005
%RSD	.6239	.5453	.9780

Sample Name: CAL1 Acquired: 6/20/2014 16:41:01 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	3482.6	29743.	6918.8
Stddev	23.7	175.	30.8
%RSD	.68079	.58716	.44580

Sample Name: CAL2 Acquired: 6/20/2014 16:44:43 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7538	.0385	.6152	4.387	1.188	1.045
Stddev	.0075	.0003	.0017	.017	.010	.004
%RSD	.9964	.9067	.2715	.3926	.8139	.3402

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_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7718	.5325	.3106	1.499	.4003	.3470
Stddev	.0035	.0026	.0008	.004	.0002	.0027
%RSD	.4521	.4794	.2489	.2512	.0379	.7666

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	.8911	1.749	.9037	.3620	.3419	.0316
Stddev	.0013	.002	.0059	.0014	.0010	.0002
%RSD	.1446	.1302	.6551	.3953	.2980	.5301

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	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0344	.0739	.1832	.5973	.0786	.3997
Stddev	.0001	.0002	.0007	.0023	.0006	.0017
%RSD	.3727	.2899	.3674	.3802	.7359	.4271

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0358	5.758	2.974	.0845
Stddev	.0003	.047	.010	.0003
%RSD	.7833	.8224	.3260	.4131

Sample Name: CAL2 Acquired: 6/20/2014 16:44:43 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	3481.4	29617.	6978.5
Stddev	9.8	83.	31.8
%RSD	.28156	.28059	.45526

Sample Name: CAL3 Acquired: 6/20/2014 16:48:14 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.416	.2836	4.434	30.26	8.407	7.475
Stddev	.106	.0027	.076	.27	.152	.122
%RSD	1.952	.9542	1.705	.8880	1.813	1.630

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_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.327	3.649	2.176	11.16	2.796	2.581
Stddev	.047	.033	.035	.13	.043	.056
%RSD	.8899	.9063	1.587	1.156	1.540	2.177

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	6.556	12.12	6.553	2.467	2.330	.2328
Stddev	.103	.28	.101	.022	.021	.0027
%RSD	1.574	2.308	1.539	.8772	.9027	1.167

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	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2477	.4980	1.313	4.092	.5615	2.797
Stddev	.0027	.0053	.021	.032	.0060	.026
%RSD	1.094	1.065	1.611	.7794	1.073	.9441

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2472	41.62	21.04	.6076
Stddev	.0025	.90	.63	.0106
%RSD	1.002	2.166	2.992	1.741

Sample Name: CAL3 Acquired: 6/20/2014 16:48:14 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	3345.9	28751.	6947.2
Stddev	27.5	412.	105.4
%RSD	.82116	1.4326	1.5172

Sample Name: CAL4 Acquired: 6/20/2014 16:52:05 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.02	.5724	9.072	58.60	16.80	14.84
Stddev	.10	.0051	.035	.45	.19	.06
%RSD	.8722	.8879	.3833	.7609	1.137	.3950

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_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.39	7.124	4.335	22.43	5.517	5.305
Stddev	.08	.058	.022	.27	.027	.040
%RSD	.7873	.8124	.5001	1.198	.4964	.7503

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	13.10	23.77	13.19	4.802	4.514	.4712
Stddev	.15	.09	.22	.037	.040	.0052
%RSD	1.117	.3977	1.699	.7717	.8936	1.113

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	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4972	.9502	2.633	7.945	1.111	5.512
Stddev	.0034	.0074	.018	.060	.007	.050
%RSD	.6919	.7814	.6693	.7576	.6338	.9015

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4824	83.52	41.58	1.242
Stddev	.0040	.73	.22	.011
%RSD	.8326	.8689	.5398	.8435

Sample Name: CAL4 Acquired: 6/20/2014 16:52:05 Type: Cal
Method: SW6010C_061614(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	3214.4	27699.	6746.9
Stddev	25.8	175.	11.7
%RSD	.80317	.63165	.17315

Sample Name: icv 2966562 Acquired: 6/20/2014 16:56:26 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126600.**	**2540.**	**1268.**	**10430.**	**1024.**	**129200.**
Stddev	362.	29.	12.	113.	6.	1867.
%RSD	.2855	1.138	.9334	1.087	.5712	1.445
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1295.**	**2592.**	**5141.**	**12580.**	**103300.**	**50450.**
Stddev	12.	26.	69.	268.	1361.	216.
%RSD	.8987	1.016	1.350	2.131	1.317	.4288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**128600.**	**5234.**	**127000.**	**2599.**	**7796.**	**1015.**
Stddev	1815.	105.	253.	28.	75.	10.
%RSD	1.411	1.999	.1990	1.085	.9671	1.020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: icv 2966562 Acquired: 6/20/2014 16:56:26 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2549.**	**2626.**	**2557.**	**2600.**	**1037.**	**2584.**
Stddev	22.	31.	36.	28.	12.	27.
%RSD	.8777	1.167	1.411	1.095	1.189	1.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1033.**	**5115.**	**10310.**	**10110.**
Stddev	10.	25.	177.	172.
%RSD	.9719	.4883	1.712	1.704
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3305.3**	**28373.**	**6861.5**
Stddev	39.8	448.	48.5
%RSD	1.2045	1.5786	.70663

Sample Name: icvl 2980483 Acquired: 6/20/2014 17:00:12 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**241.3**	**14.45**	**10.20**	**218.7**	**2.076**	**5130.**
Stddev	9.6	.55	.09	3.0	.099	52.
%RSD	3.969	3.808	.9200	1.380	4.778	1.022
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.423**	**56.00**	**10.61**	**24.43**	**153.2**	**4955.**
Stddev	.085	.89	.18	.31	3.1	30.
%RSD	1.920	1.594	1.666	1.289	2.037	.6090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**4965.**	**16.17**	**5067.**	**45.67**	**11.14**	**20.68**
Stddev	58.	.10	21.	.95	.32	1.08
%RSD	1.176	.6400	.4160	2.086	2.915	5.196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: icvl 2980483 Acquired: 6/20/2014 17:00:12 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20.28**	**22.36**	**51.58**	**33.86**	**55.17**	**23.67**
Stddev	1.67	.35	.94	.49	.85	.87
%RSD	8.228	1.574	1.815	1.446	1.544	3.679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**53.12**	**20.31**	**23.36**	F **-4.412**
Stddev	1.29	.10	.98	9.889
%RSD	2.432	.4778	4.179	224.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3445.7**	**29881.**	**6949.9**
Stddev	28.7	201.	40.9
%RSD	.83392	.67136	.58889

Sample Name: icb Acquired: 6/20/2014 17:03:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.184**	**.3162**	**-.3054**	**.0256**	**-.0511**	**3.741**
Stddev	1.365	1.038	.1276	.0449	.0303	3.574
%RSD	62.48	328.2	41.78	175.4	59.41	95.53
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0062**	**-.0493**	**-.1325**	**.1324**	**-7.669**	**36.17**
Stddev	.0341	.0735	.4030	.3505	5.479	20.44
%RSD	549.0	149.1	304.2	264.7	71.44	56.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**.0988**	**.0265**	**-.6716**	**-.0589**	**-1.161**	**-2.393**
Stddev	2.645	.0146	7.803	.2275	1.326	2.301
%RSD	2677.	55.19	1162.	385.9	114.2	96.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icb Acquired: 6/20/2014 17:03:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.446	-.7365	.2547	.1519	.7935	.2000
Stddev	2.648	.4257	.3931	.2458	.6275	.1883
%RSD	108.3	57.79	154.3	161.9	79.09	94.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1534	.0239	-.4863	-8.822
Stddev	.3933	.1153	.3275	8.102
%RSD	256.5	483.4	67.36	91.84
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3411.9	29414.	6817.8
Stddev	20.8	125.	27.6
%RSD	.61077	.42399	.40422

Sample Name: icsa 2972688 Acquired: 6/20/2014 17:07:34 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**542700.**	**-1.899**	**.1376**	**-2.672**	**-.8404**	**533000.**
Stddev	8064.	3.765	.2178	.366	.0410	18040.
%RSD	1.486	198.3	158.3	13.68	4.877	3.384
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.572**	**-3.184**	**-1.635**	**1.050**	**208600.**	**28.39**
Stddev	.409	.148	.047	.096	6831.	62.13
%RSD	26.02	4.651	2.901	9.168	3.274	218.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**541900.**	**2.206**	**940.8**	**2.241**	**-10.04**	**-3.177**
Stddev	17190.	.094	10.1	.310	1.78	1.907
%RSD	3.172	4.250	1.070	13.82	17.74	60.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsa 2972688 Acquired: 6/20/2014 17:07:34 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	8.425	-3.834	3.355	2.708	-5.314	.2427
Stddev	5.593	1.432	.135	.523	.387	.0838
%RSD	66.38	37.35	4.031	19.30	7.281	34.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-3.988	-.5136	-.4311	-8.413
Stddev	1.544	.2189	.0422	7.094
%RSD	38.72	42.61	9.786	84.32
Check ?	Chk Pass	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	3111.7	26654.	6532.4
Stddev	61.9	830.	84.7
%RSD	1.9899	3.1151	1.2967

Sample Name: icsab 3011809 Acquired: 6/20/2014 17:11:32 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**509900.**	**98.44**	**102.8**	**102.7**	**100.4**	**501100.**
Stddev	4251.	4.01	1.1	.4	.2	3587.
%RSD	.8338	4.071	1.073	.3441	.1842	.7159
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**101.8**	**96.90**	**99.20**	**107.1**	**198500.**	**10460.**
Stddev	.5	.40	.64	.4	728.	88.
%RSD	.5332	.4090	.6470	.3878	.3666	.8448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**512600.**	**104.9**	**11370.**	**101.9**	**90.49**	**103.7**
Stddev	1823.	.5	25.	.5	1.17	4.5
%RSD	.3556	.4811	.2240	.4510	1.290	4.375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsab 3011809 Acquired: 6/20/2014 17:11:32 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	107.6	97.91	105.5	103.1	96.64	102.6
Stddev	3.9	.72	.4	.3	.51	.6
%RSD	3.633	.7382	.3735	.3057	.5275	.5404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	93.41	102.0	105.8	48.17
Stddev	1.53	.7	.4	6.43
%RSD	1.636	.6928	.3872	13.35
Check ?	Chk Pass	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	3157.1	27527.	6811.1
Stddev	2.7	100.	59.7
%RSD	.08543	.36493	.87620

Sample Name: int-10 2972683 Acquired: 6/20/2014 17:15:25 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.449**	**-5.693**	**3.093**	**-.5602**	**.4585**	**9.593**
Stddev	3.035	.587	.259	.2099	.1132	3.201
%RSD	123.9	10.31	8.365	37.48	24.69	33.37
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.485**	**11950.**	**11410.**	**4.363**	**-17.56**	**25.76**
Stddev	.033	315.	358.	.043	21.26	16.24
%RSD	2.221	2.634	3.138	.9791	121.1	63.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**77.66**	**11230.**	**18.65**	**12000.**	**-4.580**	**-12.70**
Stddev	1.40	543.	15.26	319.	.804	2.85
%RSD	1.799	4.831	81.80	2.656	17.56	22.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: int-10 2972683 Acquired: 6/20/2014 17:15:25 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.686**	**-6.564**	**5516.**	**-5.819**	**-42.60**	**5708.**
Stddev	2.616	1.040	160.	.259	1.64	147.
%RSD	97.42	15.85	2.909	4.444	3.848	2.571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**11220.**	**10760.**	**11030.**	**10250.**
Stddev	293.	542.	312.	303.
%RSD	2.608	5.036	2.825	2.958
Check ?	Chk Pass	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	**3412.0**	**29621.**	**6887.9**
Stddev	60.6	781.	212.2
%RSD	1.7748	2.6370	3.0801

Sample Name: 460-77570-F-3-B@4 Acquired: 6/20/2014 17:19:25 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21710.**	**126.9**	**.1356**	**155.4**	**1.838**	**58370.**
Stddev	323.	1.6	.4629	1.6	.089	903.
%RSD	1.485	1.277	341.2	1.010	4.828	1.547
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5081**	**9.424**	**133.2**	**168.5**	**84560.**	**5610.**
Stddev	.1705	.173	2.0	3.0	1264.	65.
%RSD	33.55	1.834	1.487	1.766	1.495	1.161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**8305.**	**288.1**	**830.0**	**31.90**	**1576.**	**-.4433**
Stddev	143.	4.5	26.5	.83	16.	2.361
%RSD	1.718	1.571	3.198	2.609	1.022	532.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77570-F-3-B@4 Acquired: 6/20/2014 17:19:25 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.470	-3.672	178.3	1160.	43.36	5.912
Stddev	1.751	1.393	2.4	11.	.47	1.930
%RSD	119.2	37.92	1.370	.9453	1.088	32.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.86	116.5	366.6	831.6
Stddev	.35	1.6	6.9	9.5
%RSD	3.183	1.393	1.876	1.143
Check ?	Chk Pass	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	3423.7	29938.	7068.8
Stddev	32.0	376.	22.3
%RSD	.93462	1.2572	.31608

Sample Name: 460-77570-E-4-B@4 Acquired: 6/20/2014 17:22:58 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20980.	42.54	.0518	154.9	1.979	6566.
Stddev	324.	.99	.1862	2.8	.083	127.
%RSD	1.545	2.329	359.2	1.839	4.203	1.930
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7627	7.667	132.5	55.86	82140.	7178.
Stddev	.1419	.155	2.4	.23	1568.	112.
%RSD	18.61	2.023	1.822	.4064	1.908	1.560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	5198.	272.1	423.4	22.12	281.2	-1.968
Stddev	97.	4.6	20.1	.17	6.1	.993
%RSD	1.858	1.682	4.751	.7743	2.185	50.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77570-E-4-B@4 Acquired: 6/20/2014 17:22:58 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-3.132**	**-1.583**	**112.1**	**323.4**	**56.79**	**2.705**
Stddev	3.342	.751	2.3	7.5	.55	.176
%RSD	106.7	47.43	2.055	2.314	.9771	6.507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.743**	**46.16**	**406.1**	**1161.**
Stddev	.568	.59	5.5	12.
%RSD	8.427	1.268	1.345	1.006
Check ?	Chk Pass	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	**3503.1**	**30537.**	**7114.3**
Stddev	23.7	125.	86.5
%RSD	.67560	.40804	1.2154

Sample Name: 460-77597-D-1-D@4 Acquired: 6/20/2014 17:26:31 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27180.**	**11.72**	**-.2169**	**65.47**	**.8797**	**2627.**
Stddev	614.	.68	.0177	1.61	.0682	61.
%RSD	2.260	5.836	8.160	2.456	7.756	2.331
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.011**	**16.39**	**44.28**	**55.11**	**50910.**	**1653.**
Stddev	.188	.45	.99	1.35	1120.	53.
%RSD	18.54	2.735	2.244	2.450	2.200	3.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**6284.**	**377.0**	**371.2**	**40.59**	**32.77**	**-1.870**
Stddev	153.	9.0	5.8	1.15	1.07	1.160
%RSD	2.435	2.380	1.564	2.824	3.279	62.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77597-D-1-D@4 Acquired: 6/20/2014 17:26:31 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.087	-1.321	61.09	82.11	5.547	3.383
Stddev	1.727	.329	1.56	2.11	.509	.196
%RSD	158.9	24.94	2.547	2.574	9.176	5.788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.131	26.33	770.5	585.7
Stddev	.498	.57	16.0	30.8
%RSD	9.704	2.154	2.073	5.265
Check ?	Chk Pass	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	3512.5	30231.	7050.0
Stddev	65.1	511.	127.7
%RSD	1.8533	1.6893	1.8117

Sample Name: 460-77597-D-2-D@4 Acquired: 6/20/2014 17:30:07 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31530.**	**20.33**	**.3980**	**89.12**	**1.656**	**8485.**
Stddev	592.	1.25	.2080	.81	.082	86.
%RSD	1.877	6.126	52.25	.9069	4.956	1.011
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.309**	**27.94**	**71.96**	**30.38**	**91300.**	**4252.**
Stddev	.114	.20	.42	.38	961.	101.
%RSD	8.677	.7199	.5837	1.244	1.052	2.377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**11000.**	**929.1**	**613.8**	**59.08**	**45.91**	**-3.265**
Stddev	112.	7.1	22.9	.34	.27	.072
%RSD	1.018	.7684	3.728	.5780	.5947	2.212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77597-D-2-D@4 Acquired: 6/20/2014 17:30:07 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.299	-3.721	93.97	178.4	20.74	2.944
Stddev	3.852	.138	1.12	1.9	.32	.155
%RSD	296.6	3.695	1.190	1.047	1.544	5.268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.834	45.41	580.3	672.6
Stddev	.518	.79	4.8	25.5
%RSD	13.52	1.745	.8252	3.793
Check ?	Chk Pass	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	3607.6	31500.	7362.8
Stddev	29.3	230.	34.9
%RSD	.81169	.73051	.47427

Sample Name: 460-77597-D-3-D@4 Acquired: 6/20/2014 17:33:41 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36350.**	**10.54**	**1.831**	**557.0**	**1.899**	**18690.**
Stddev	820.	1.56	.189	6.8	.043	319.
%RSD	2.255	14.83	10.31	1.212	2.272	1.705
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.001**	**43.06**	**64.56**	**367.7**	**120500.**	**4569.**
Stddev	.184	.62	1.30	5.0	2198.	79.
%RSD	18.43	1.443	2.018	1.365	1.825	1.721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**13410.**	**2584.**	**723.5**	**138.3**	**635.2**	**-.7289**
Stddev	228.	40.	28.6	1.4	7.9	.7641
%RSD	1.701	1.554	3.955	1.035	1.242	104.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77597-D-3-D@4 Acquired: 6/20/2014 17:33:41 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-3.693**	**-3.533**	**88.17**	**666.2**	**13.23**	**2.538**
Stddev	2.532	1.183	1.75	7.3	.40	.122
%RSD	68.56	33.48	1.980	1.098	3.013	4.802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**50.95**	**51.92**	**762.4**	**794.0**
Stddev	.93	.96	14.6	21.3
%RSD	1.825	1.849	1.917	2.678
Check ?	Chk Pass	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	**3563.2**	**31139.**	**7282.4**
Stddev	26.7	245.	25.2
%RSD	.74899	.78534	.34668

Sample Name: 460-77597-D-4-D@4 Acquired: 6/20/2014 17:37:12 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32820.**	**21.57**	**.8838**	**438.8**	**2.372**	**3447.**
Stddev	876.	1.40	.1500	7.1	.099	66.
%RSD	2.669	6.471	16.97	1.625	4.165	1.918
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7154**	**29.03**	**55.07**	**715.0**	**103000.**	**2958.**
Stddev	.0751	.46	.94	9.2	2069.	52.
%RSD	10.50	1.569	1.705	1.291	2.010	1.760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**6665.**	**543.2**	**513.0**	**90.41**	**571.6**	**-2.303**
Stddev	118.	9.3	19.4	1.56	9.7	.471
%RSD	1.763	1.710	3.786	1.728	1.705	20.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77597-D-4-D@4 Acquired: 6/20/2014 17:37:12 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.794**	**-2.572**	**87.75**	**540.5**	**9.499**	**3.328**
Stddev	1.330	.829	2.64	8.8	.234	.165
%RSD	74.15	32.23	3.003	1.635	2.463	4.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**27.53**	**28.22**	**595.4**	**754.2**
Stddev	.87	.71	10.3	17.0
%RSD	3.153	2.523	1.728	2.251
Check ?	Chk Pass	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	**3570.2**	**30890.**	**7205.3**
Stddev	19.0	98.	124.2
%RSD	.53242	.31606	1.7241

Sample Name: 460-77904-G-2-A@4 Acquired: 6/20/2014 17:40:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25220.	9.082	.5360	193.4	.9728	18140.
Stddev	645.	1.561	.1618	3.9	.0352	518.
%RSD	2.556	17.19	30.19	2.041	3.619	2.855
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5521	17.28	43.26	54.56	42910.	2151.
Stddev	.0304	.33	1.38	1.54	1052.	83.
%RSD	5.501	1.919	3.197	2.817	2.451	3.874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	12480.	536.1	329.5	31.87	77.28	.8311
Stddev	327.	14.2	17.9	.76	1.64	.1908
%RSD	2.617	2.653	5.441	2.372	2.124	22.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77904-G-2-A@4 Acquired: 6/20/2014 17:40:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.6590	-1.084	92.05	162.0	6.571	3.188
Stddev	2.001	1.287	1.69	3.5	.102	.113
%RSD	303.6	118.7	1.833	2.131	1.548	3.547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.532	36.32	963.3	545.1
Stddev	.678	1.10	20.1	18.1
%RSD	12.26	3.031	2.085	3.316
Check ?	Chk Pass	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	3525.7	30688.	7159.4
Stddev	43.8	522.	132.9
%RSD	1.2411	1.7015	1.8561

Sample Name: CCV Acquired: 6/20/2014 17:44:18 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**130300.**	**2572.**	**1313.**	**10710.**	**1048.**	**131400.**
Stddev	2884.	59.	16.	235.	21.	557.
%RSD	2.213	2.293	1.255	2.191	1.981	.4238
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1329.**	**2654.**	**5280.**	**12810.**	**105300.**	**51340.**
Stddev	30.	64.	54.	148.	1052.	959.
%RSD	2.286	2.398	1.028	1.151	.9990	1.869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**131300.**	**5282.**	**131400.**	**2663.**	**8006.**	**1037.**
Stddev	800.	49.	3232.	57.	191.	29.
%RSD	.6089	.9317	2.460	2.147	2.385	2.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 17:44:18 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2576.**	**2691.**	**2616.**	**2677.**	**1051.**	**2649.**
Stddev	64.	51.	38.	57.	23.	67.
%RSD	2.504	1.896	1.442	2.147	2.231	2.531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1065.**	**5184.**	**10550.**	**10130.**
Stddev	26.	102.	98.	163.
%RSD	2.443	1.970	.9260	1.606
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3272.1**	**28279.**	**6703.2**
Stddev	51.2	149.	56.4
%RSD	1.5659	.52714	.84142

Sample Name: CCVL Acquired: 6/20/2014 17:48:03 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**241.6**	**15.03**	**10.30**	**218.2**	**2.064**	**5194.**
Stddev	6.2	1.47	.15	1.7	.026	45.
%RSD	2.549	9.800	1.434	.7838	1.266	.8697
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.367**	**55.96**	**10.71**	**24.35**	**160.7**	**5011.**
Stddev	.098	.52	.36	.35	6.3	23.
%RSD	2.242	.9354	3.382	1.440	3.918	.4496
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**5033.**	**16.30**	**5074.**	**45.43**	**11.87**	**20.89**
Stddev	34.	.10	36.	.58	1.23	1.85
%RSD	.6743	.6122	.7061	1.284	10.39	8.871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 17:48:03 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**18.18**	**23.07**	**51.63**	**34.05**	**52.30**	**22.47**
Stddev	1.82	1.07	.30	.23	.74	1.25
%RSD	10.02	4.638	.5841	.6707	1.406	5.542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**52.67**	**20.73**	**23.01**	F **7.629**
Stddev	1.02	.01	.51	8.163
%RSD	1.935	.0654	2.206	107.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3473.4**	**29979.**	**6929.8**
Stddev	37.4	280.	86.3
%RSD	1.0776	.93379	1.2458

Sample Name: CCB Acquired: 6/20/2014 17:51:41 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.617**	**.2987**	**-.2187**	**-.0050**	**-.0346**	**-5.267**
Stddev	15.34	1.419	.2606	.1088	.0635	1.754
%RSD	273.1	474.9	119.2	2170.	183.6	33.30
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0557**	**.0271**	**.2920**	**-.4811**	**-11.50**	**-4.980**
Stddev	.0328	.1502	.0979	.2241	6.27	19.27
%RSD	58.87	554.5	33.53	46.58	54.52	387.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1.044**	**-.0340**	**-12.47**	**-.0963**	**-.3292**	**-.4420**
Stddev	3.400	.0074	20.88	.1824	.6317	.5711
%RSD	325.7	21.89	167.4	189.4	191.9	129.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 17:51:41 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1.073	-.4090	-.0588	.1436	-1.042	-.0726
Stddev	3.668	1.965	.2492	.0404	.355	.2216
%RSD	341.9	480.4	424.2	28.13	34.04	305.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2940	.0063	-.7879	2.978
Stddev	.4074	.0169	.0883	7.751
%RSD	138.5	270.9	11.20	260.3
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3455.9	29891.	6879.2
Stddev	9.7	181.	43.8
%RSD	.28198	.60567	.63664

Sample Name: 460-77904-E-4-A@4 Acquired: 6/20/2014 17:55:24 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25700.**	**11.94**	**.1284**	**117.7**	**1.237**	**6758.**
Stddev	643.	1.17	.1783	2.1	.085	223.
%RSD	2.501	9.777	138.9	1.769	6.894	3.302
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8073**	**16.13**	**46.83**	**41.29**	**43860.**	**2308.**
Stddev	.1482	.32	1.19	1.12	1126.	40.
%RSD	18.36	1.989	2.548	2.723	2.567	1.730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7506.**	**537.7**	**298.6**	**31.13**	**51.28**	**-.2325**
Stddev	237.	15.9	13.1	.47	1.40	.6928
%RSD	3.152	2.964	4.381	1.525	2.724	297.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77904-E-4-A@4 Acquired: 6/20/2014 17:55:24 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.5277	-1.562	65.03	90.25	1.830	2.357
Stddev	1.216	.923	1.43	1.91	.123	.227
%RSD	230.5	59.08	2.196	2.116	6.699	9.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.824	15.11	875.3	552.9
Stddev	.508	.46	22.7	17.4
%RSD	10.53	3.070	2.598	3.148
Check ?	Chk Pass	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	3513.6	30350.	7168.8
Stddev	18.4	380.	132.0
%RSD	.52461	1.2531	1.8408

Sample Name: 460-77914-F-4-A@10 Acquired: 6/20/2014 17:59:00 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60390.	3.144	-.1722	93.75	1.341	1525.
Stddev	1380.	.857	.3926	2.34	.028	46.
%RSD	2.286	27.25	228.0	2.493	2.058	3.028
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.638	6.584	207.6	58.80	124800.	1695.
Stddev	.257	.268	6.7	1.72	3892.	32.
%RSD	9.728	4.066	3.223	2.925	3.118	1.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1476.	125.3	462.1	30.59	84.39	-6.127
Stddev	45.	3.6	22.1	.89	3.39	1.644
%RSD	3.059	2.840	4.771	2.898	4.014	26.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77914-F-4-A@10 Acquired: 6/20/2014 17:59:00 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.7885	-3.652	79.44	67.97	13.92	3.812
Stddev	4.468	1.799	2.41	1.71	.43	.409
%RSD	566.6	49.27	3.039	2.518	3.054	10.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.961	.8588	270.7	19110.
Stddev	.124	.0898	9.7	335.
%RSD	6.316	10.46	3.577	1.755
Check ?	Chk Pass	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	3640.0	30978.	7209.7
Stddev	69.9	683.	99.6
%RSD	1.9213	2.2054	1.3810

Sample Name: 460-77914-F-7-A@10 Acquired: 6/20/2014 18:02:33 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**137000.**	**7.727**	**.0774**	**312.6**	**2.979**	**3832.**
Stddev	1416.	.398	.1741	2.7	.019	41.
%RSD	1.034	5.155	224.9	.8612	.6507	1.058
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.805**	**17.27**	**289.1**	**93.54**	**147100.**	**2828.**
Stddev	.066	.31	3.0	1.14	1591.	14.
%RSD	2.364	1.813	1.042	1.218	1.082	.5041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**5155.**	**254.9**	**4935.**	**70.50**	**122.2**	**-5.212**
Stddev	59.	3.2	46.	.81	.5	3.276
%RSD	1.136	1.255	.9357	1.154	.4456	62.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77914-F-7-A@10 Acquired: 6/20/2014 18:02:33 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.6715	-3.994	275.3	171.3	16.79	4.311
Stddev	2.677	1.017	2.8	2.2	.87	.286
%RSD	398.6	25.45	1.028	1.277	5.177	6.630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.682	14.75	286.9	15040.
Stddev	.498	.27	3.7	102.
%RSD	13.53	1.821	1.291	.6779
Check ?	Chk Pass	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	3657.0	30985.	7411.3
Stddev	36.0	133.	91.0
%RSD	.98319	.42886	1.2277

Sample Name: MB 460-231817/1-A@2 Acquired: 6/20/2014 18:06:05 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.327	.3148	-.0853	-.0730	-.0216	-5.261
Stddev	7.557	1.611	.2009	.0121	.0786	1.454
%RSD	103.1	511.8	235.6	16.52	363.4	27.64
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0236	.1136	-.2698	-.2997	-.9869	-11.42
Stddev	.0519	.2111	.2047	.1900	6.028	33.35
%RSD	220.4	185.8	75.87	63.39	610.8	292.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.6007	-.0286	-9.314	-.3106	-.7579	-1.100
Stddev	.9716	.0400	5.017	.0828	.7794	1.414
%RSD	161.8	140.1	53.86	26.65	102.8	128.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-231817/1-A@2 Acquired: 6/20/2014 18:06:05 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-3.699**	**-.4029**	**-.1040**	**.1350**	**-1.404**	**-.3983**
Stddev	1.426	.8529	.0933	.0523	.417	.0537
%RSD	38.54	211.7	89.68	38.69	29.70	13.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**-.2592**	**-.0242**	**-.9694**	**19.36**
Stddev	.0635	.1171	.1424	6.25
%RSD	24.49	483.8	14.69	32.29
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3464.4**	**29561.**	**6899.5**
Stddev	43.5	571.	118.9
%RSD	1.2566	1.9327	1.7231

Sample Name: LCSSRM 460-231817/2- Acquired: 6/20/2014 18:09:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39850.**	**826.8**	**210.0**	**1110.**	**553.5**	**34090.**
Stddev	489.	13.8	1.5	13.	8.0	538.
%RSD	1.228	1.662	.7226	1.169	1.447	1.577
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**537.2**	**706.8**	**621.2**	**574.6**	**70760.**	**14120.**
Stddev	7.4	9.6	8.3	7.3	1155.	166.
%RSD	1.376	1.356	1.334	1.278	1.633	1.172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**12920.**	**1766.**	**1603.**	**385.7**	**422.1**	**1099.**
Stddev	207.	26.	31.	5.0	5.2	14.
%RSD	1.600	1.455	1.944	1.297	1.229	1.246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-231817/2- Acquired: 6/20/2014 18:09:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	627.7	1154.	450.3	1478.	430.6	353.1
Stddev	11.2	15.	6.2	22.	5.5	4.7
%RSD	1.778	1.297	1.384	1.486	1.288	1.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	751.8	642.7	996.7	1617.
Stddev	10.8	7.7	12.4	48.
%RSD	1.441	1.203	1.239	2.970
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3625.8	31492.	7495.5
Stddev	38.5	324.	34.3
%RSD	1.0625	1.0291	.45707

Sample Name: 460-77949-A-1-B DU@4 Acquired: 6/20/2014 18:13:13 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119000.	11.43	.3525	371.4	8.612	6071.
Stddev	829.	2.10	.3607	3.4	.139	115.
%RSD	.6964	18.34	102.3	.9152	1.614	1.901
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.740	100.6	182.9	187.3	F 204400.	22830.
Stddev	.558	1.7	1.8	2.1	2477.	150.
%RSD	14.93	1.640	.9623	1.104	1.212	.6557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

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	33350.	1590.	339.9	123.4	167.6	-5.981
Stddev	541.	25.	3.1	1.2	.2	.612
%RSD	1.622	1.601	.9109	.9978	.1355	10.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-B DU@4 Acquired: 6/20/2014 18:13:13 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-5.726	2.433	252.9	609.7	-.1581	10.98
Stddev	2.816	.814	2.1	5.4	.3122	.13
%RSD	49.18	33.43	.8299	.8818	197.5	1.182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.65	11.75	5061.	1583.
Stddev	.26	.06	75.	21.
%RSD	1.126	.4682	1.489	1.357
Check ?	Chk Pass	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	3945.6	34177.	7958.1
Stddev	55.9	279.	19.0
%RSD	1.4171	.81618	.23932

Sample Name: 460-77949-A-1-A@4 Acquired: 6/20/2014 18:16:51 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120900.**	**10.72**	**.4512**	**375.0**	**8.626**	**6305.**
Stddev	3333.	.89	.1031	2.0	.259	99.
%RSD	2.758	8.333	22.85	.5213	3.003	1.573
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-4.181**	**101.0**	**187.1**	**193.3**	F **209400.**	**23210.**
Stddev	.425	1.0	2.6	2.3	2908.	658.
%RSD	10.17	1.027	1.373	1.167	1.389	2.832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

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	**34530.**	**1643.**	**335.7**	**124.3**	**168.0**	**-5.474**
Stddev	456.	21.	11.9	.9	1.4	1.686
%RSD	1.320	1.291	3.534	.7599	.8106	30.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-A@4 Acquired: 6/20/2014 18:16:51 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-4.712	.7537	256.8	614.3	-.2732	10.83
Stddev	1.869	.8648	3.7	5.4	.2862	.02
%RSD	39.66	114.7	1.428	.8798	104.8	.1959
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	23.28	11.80	5227.	1581.
Stddev	.11	.42	105.	13.
%RSD	.4787	3.598	2.015	.8274
Check ?	Chk Pass	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	3926.0	33279.	7839.6
Stddev	26.4	261.	153.4
%RSD	.67309	.78344	1.9563

Sample Name: sd 460-77949-A-1-A@2 Acquired: 6/20/2014 18:20:30 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26560.**	**2.128**	**-.2777**	**83.55**	**1.880**	**1365.**
Stddev	249.	1.300	.1521	.33	.045	13.
%RSD	.9373	61.12	54.77	.3905	2.414	.9196
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9702**	**22.85**	**41.19**	**40.40**	**46320.**	**5018.**
Stddev	.0622	.17	.25	.54	293.	23.
%RSD	6.410	.7613	.6007	1.340	.6320	.4599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7541.**	**356.7**	**52.70**	**27.91**	**38.56**	**-2.853**
Stddev	51.	2.4	12.39	.26	.80	.999
%RSD	.6776	.6601	23.51	.9449	2.063	35.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-77949-A-1-A@2 Acquired: 6/20/2014 18:20:30 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.536	.5287	56.51	139.2	-1.208	1.844
Stddev	2.867	1.760	.31	.5	.300	.077
%RSD	113.0	332.8	.5517	.3432	24.84	4.191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.863	2.500	1149.	341.7
Stddev	.118	.023	7.	19.6
%RSD	2.011	.9086	.5956	5.726
Check ?	Chk Pass	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	3624.6	31338.	7266.8
Stddev	15.1	151.	84.8
%RSD	.41549	.48036	1.1666

Sample Name: 460-77949-A-1-C MS@4 Acquired: 6/20/2014 18:24:06 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**836.5**	**22.95**	**1284.**	**30.59**	**13910.**
Stddev	2747.	9.7	.72	11.	.65	162.
%RSD	2.229	1.161	3.155	.8948	2.114	1.163
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19.14**	**313.2**	**242.0**	**292.3**	**181900.**	**32910.**
Stddev	.63	3.3	2.7	3.2	1776.	764.
%RSD	3.278	1.060	1.109	1.109	.9761	2.322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**42790.**	**1440.**	**9020.**	**362.4**	**353.4**	**89.26**
Stddev	503.	15.	175.	4.1	2.7	2.53
%RSD	1.176	1.032	1.935	1.141	.7691	2.839
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-C MS@4 Acquired: 6/20/2014 18:24:06 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	828.3	921.7	460.4	812.7	208.0	222.1
Stddev	11.4	8.1	4.6	7.2	1.1	2.5
%RSD	1.374	.8841	.9992	.8897	.5256	1.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	210.0	233.8	5459.	1787.
Stddev	3.4	5.1	87.	14.
%RSD	1.596	2.178	1.595	.7788
Check ?	Chk Pass	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	3910.4	33891.	7934.2
Stddev	42.5	129.	102.2
%RSD	1.0857	.37978	1.2885

Sample Name: pds 460-77949-A-1-A@ Acquired: 6/20/2014 18:27:39 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120200.	1676.	44.31	2192.	53.61	22960.
Stddev	643.	24.	.47	29.	.59	193.
%RSD	.5348	1.433	1.065	1.311	1.107	.8400
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.65	542.3	356.3	402.0	F 203300.	39600.
Stddev	1.03	8.3	2.4	3.7	1339.	159.
%RSD	2.543	1.523	.6616	.9253	.6584	.4011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

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	50330.	2028.	17580.	576.0	608.8	415.6
Stddev	383.	17.	149.	8.5	8.7	8.0
%RSD	.7608	.8369	.8489	1.475	1.437	1.917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-77949-A-1-A@ Acquired: 6/20/2014 18:27:39 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1664.	1800.	681.0	1053.	428.7	451.0
Stddev	26.	23.	3.4	15.	5.8	6.5
%RSD	1.532	1.255	.5017	1.395	1.352	1.450
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	450.9	448.9	5456.	1615.
Stddev	5.9	1.7	69.	6.
%RSD	1.301	.3730	1.271	.3771
Check ?	Chk Pass	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	3892.4	33695.	7903.7
Stddev	28.2	125.	86.9
%RSD	.72555	.37128	1.0990

Sample Name: CCV Acquired: 6/20/2014 18:31:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128500.**	**2518.**	**1286.**	**10540.**	**1036.**	**127600.**
Stddev	1333.	31.	9.	115.	12.	370.
%RSD	1.037	1.240	.6859	1.094	1.144	.2898
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1307.**	**2607.**	**5142.**	**12490.**	**102400.**	**50640.**
Stddev	16.	33.	14.	105.	217.	442.
%RSD	1.217	1.261	.2728	.8386	.2120	.8732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**127900.**	**5116.**	**129800.**	**2621.**	**7854.**	**1023.**
Stddev	349.	28.	920.	33.	95.	10.
%RSD	.2729	.5451	.7087	1.264	1.209	.9865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 18:31:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2524.**	**2649.**	**2547.**	**2633.**	**1037.**	**2607.**
Stddev	40.	32.	12.	35.	12.	30.
%RSD	1.570	1.221	.4664	1.326	1.174	1.156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1045.**	**5115.**	**10330.**	**10090.**
Stddev	13.	59.	161.	95.
%RSD	1.223	1.152	1.560	.9380
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3320.4**	**28982.**	**6847.5**
Stddev	28.4	25.	40.9
%RSD	.85593	.08613	.59711

Sample Name: CCVL Acquired: 6/20/2014 18:34:54 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**229.3**	**14.15**	**9.925**	**218.4**	**2.024**	**5138.**
Stddev	12.1	3.12	.074	1.4	.039	81.
%RSD	5.281	22.06	.7489	.6201	1.924	1.575
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.359**	**55.93**	**10.75**	**23.80**	**157.1**	**4973.**
Stddev	.010	.32	.55	.49	9.5	71.
%RSD	.2234	.5689	5.161	2.039	6.038	1.424
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**5001.**	**16.19**	**5110.**	**45.41**	**10.93**	**19.56**
Stddev	73.	.23	79.	.27	.72	1.28
%RSD	1.457	1.427	1.542	.6026	6.562	6.556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 18:34:54 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19.11**	**23.27**	**51.26**	**34.08**	**52.53**	**22.66**
Stddev	1.05	.13	.56	.14	.57	1.07
%RSD	5.513	.5588	1.083	.4208	1.079	4.731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**52.72**	**20.53**	**23.15**	F **-.7190**
Stddev	.62	.25	.19	8.174
%RSD	1.176	1.201	.8398	1137.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3497.7**	**30286.**	**6980.8**
Stddev	19.8	362.	104.5
%RSD	.56583	1.1958	1.4963

Sample Name: CCB Acquired: 6/20/2014 18:38:33 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-16.13**	**-.7290**	**-.4189**	**-.0293**	**-.0421**	**-7.382**
Stddev	6.58	.7864	.5323	.0864	.0401	5.224
%RSD	40.79	107.9	127.1	295.0	95.36	70.76
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0168**	**-.0268**	**.0761**	**-.2704**	**-9.480**	**-3.088**
Stddev	.0367	.2435	.1678	.0775	5.616	5.326
%RSD	217.9	908.9	220.5	28.67	59.24	172.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**2.761**	**.0290**	**-20.69**	**-.1136**	**-.0975**	**-.7625**
Stddev	1.652	.0207	22.87	.1344	.6350	.4600
%RSD	59.82	71.39	110.5	118.3	651.3	60.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 18:38:33 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.7274	-.7124	.0028	.0083	-.9867	-.1180
Stddev	1.070	.8740	.4139	.1710	.6646	.0467
%RSD	147.1	122.7	15050.	2063.	67.36	39.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0791	.0570	-.6770	-.6245
Stddev	.5034	.0530	.2482	11.13
%RSD	636.7	93.03	36.67	1782.
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3485.6	29866.	6921.6
Stddev	76.5	410.	124.5
%RSD	2.1960	1.3713	1.7988

Sample Name: 460-77980-B-3-D@4 Acquired: 6/20/2014 18:42:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32530.**	**14.76**	**.0384**	**313.5**	**.9288**	**27210.**
Stddev	342.	.54	.0336	3.8	.0523	234.
%RSD	1.051	3.629	87.56	1.197	5.630	.8605
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.346**	**26.56**	**71.90**	**96.05**	**60780.**	**7976.**
Stddev	.152	.41	.83	.44	366.	64.
%RSD	11.26	1.527	1.160	.4623	.6024	.8086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**25130.**	**1058.**	**822.1**	**56.22**	**364.1**	**-.5784**
Stddev	190.	10.	8.3	.91	5.1	.8723
%RSD	.7563	.9159	1.014	1.611	1.400	150.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77980-B-3-D@4 Acquired: 6/20/2014 18:42:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.551**	**-.6178**	**78.64**	**277.5**	**22.23**	**6.176**
Stddev	2.074	.0728	.51	3.1	.41	.154
%RSD	81.31	11.78	.6458	1.108	1.831	2.498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**17.60**	**36.85**	**3029.**	**1231.**
Stddev	.18	.32	20.	22.
%RSD	1.005	.8794	.6614	1.822
Check ?	Chk Pass	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	**3553.3**	**30905.**	**7267.5**
Stddev	49.3	457.	54.9
%RSD	1.3875	1.4788	.75514

Sample Name: 460-77852-E-1-B@4 Acquired: 6/20/2014 18:45:47 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93080.**	**47.06**	**.7657**	**756.0**	**4.674**	**9189.**
Stddev	2509.	.90	.3371	10.4	.124	215.
%RSD	2.696	1.902	44.02	1.382	2.653	2.335
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.914**	**37.38**	**126.1**	**110.5**	**130200.**	**5407.**
Stddev	.121	.59	2.7	2.6	2767.	138.
%RSD	6.329	1.585	2.139	2.364	2.125	2.556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**12030.**	**2405.**	**133.4**	**73.23**	**223.7**	**-3.367**
Stddev	280.	55.	19.1	.94	2.8	1.165
%RSD	2.328	2.299	14.35	1.285	1.240	34.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-1-B@4 Acquired: 6/20/2014 18:45:47 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.200**	**-4.198**	**194.9**	**323.8**	**8.900**	**5.375**
Stddev	1.295	1.154	3.7	3.9	.207	.239
%RSD	107.9	27.49	1.877	1.198	2.325	4.438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**18.94**	**75.37**	**2423.**	**1668.**
Stddev	.53	2.10	49.	41.
%RSD	2.783	2.785	2.037	2.453
Check ?	Chk Pass	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	**4004.4**	**34240.**	**8074.2**
Stddev	33.4	594.	109.8
%RSD	.83475	1.7336	1.3604

Sample Name: 460-77852-E-2-B@4 Acquired: 6/20/2014 18:49:16 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**86420.**	**26.50**	**.7460**	**168.6**	**2.437**	**5439.**
Stddev	1908.	.81	.0913	2.1	.103	109.
%RSD	2.208	3.065	12.24	1.230	4.244	2.000
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.816**	**20.11**	**144.0**	**61.18**	**143800.**	**1867.**
Stddev	.418	.33	2.5	1.41	2297.	36.
%RSD	14.86	1.618	1.714	2.299	1.597	1.925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**4047.**	**2191.**	**143.9**	**28.82**	**73.75**	**-5.189**
Stddev	69.	43.	23.6	.68	1.22	.909
%RSD	1.714	1.974	16.41	2.358	1.652	17.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-2-B@4 Acquired: 6/20/2014 18:49:16 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.539**	**-4.355**	**340.1**	**119.7**	**7.484**	**2.249**
Stddev	3.318	.200	5.0	1.4	.407	.144
%RSD	130.7	4.589	1.470	1.129	5.441	6.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**7.447**	**41.71**	**895.9**	**2153.**
Stddev	.267	.88	16.8	11.
%RSD	3.584	2.118	1.877	.5101
Check ?	Chk Pass	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	**3860.7**	**33476.**	**7797.6**
Stddev	59.3	635.	125.9
%RSD	1.5357	1.8959	1.6150

Sample Name: 460-77852-E-3-B@4 Acquired: 6/20/2014 18:52:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**72540.**	**32.24**	**-.3467**	**204.0**	**3.766**	**1815.**
Stddev	319.	2.43	.4350	.3	.080	7.
%RSD	.4392	7.547	125.5	.1333	2.131	.3749
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.889**	**32.72**	**114.3**	**53.53**	**140000.**	**5628.**
Stddev	.045	.09	1.0	.29	343.	39.
%RSD	1.543	.2735	.8695	.5362	.2451	.6842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7702.**	**496.5**	**173.4**	**39.05**	**76.02**	**-4.572**
Stddev	14.	1.5	4.9	.11	.92	.580
%RSD	.1784	.2958	2.842	.2932	1.209	12.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-3-B@4 Acquired: 6/20/2014 18:52:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.122	-1.537	181.4	127.9	5.269	4.803
Stddev	2.516	2.135	.4	.1	.511	.076
%RSD	224.3	138.9	.2005	.0691	9.700	1.587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.06	18.59	2574.	1601.
Stddev	.37	.08	6.	1.
%RSD	2.863	.4361	.2350	.0908
Check ?	Chk Pass	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	3750.1	32460.	7578.6
Stddev	8.9	82.	51.6
%RSD	.23855	.25346	.68043

Sample Name: 460-77852-E-4-B@4 Acquired: 6/20/2014 18:56:20 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**60900.**	**6.933**	**.2573**	**136.7**	**1.331**	**2343.**
Stddev	1515.	.335	.4486	1.3	.076	10.
%RSD	2.487	4.830	174.4	.9851	5.686	.4103
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.833**	**21.65**	**43.96**	**35.48**	**83670.**	**1417.**
Stddev	.224	.30	.28	.15	362.	48.
%RSD	12.19	1.400	.6400	.4275	.4331	3.383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1614.**	**475.2**	**83.52**	**22.61**	**52.34**	**-2.984**
Stddev	6.	2.3	5.63	.67	.22	1.488
%RSD	.3832	.4837	6.736	2.970	.4274	49.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-4-B@4 Acquired: 6/20/2014 18:56:20 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-3.618	-3.100	81.29	55.03	4.078	1.318
Stddev	1.076	.431	.19	.85	.115	.149
%RSD	29.75	13.89	.2296	1.537	2.825	11.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.912	12.59	567.1	1550.
Stddev	.252	.45	2.7	12.
%RSD	4.267	3.554	.4735	.8034
Check ?	Chk Pass	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	3788.7	32507.	7593.3
Stddev	35.7	128.	103.0
%RSD	.94324	.39352	1.3568

Sample Name: 460-77852-E-5-B@4 Acquired: 6/20/2014 18:59:57 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**79170.**	**16.81**	**.7564**	**632.3**	**5.528**	**5688.**
Stddev	1425.	.58	.1698	6.7	.120	15.
%RSD	1.800	3.465	22.44	1.055	2.176	.2677
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.630**	**22.83**	**86.93**	**33.63**	**73210.**	**3021.**
Stddev	.213	.32	.48	.53	241.	38.
%RSD	13.04	1.400	.5502	1.567	.3294	1.260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7944.**	**2761.**	**65.33**	**56.51**	**51.36**	**-1.586**
Stddev	22.	8.	9.19	.72	1.21	1.057
%RSD	.2715	.2923	14.07	1.278	2.354	66.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-5-B@4 Acquired: 6/20/2014 18:59:57 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.694	-2.640	114.9	163.2	6.158	1.989
Stddev	4.751	.899	.4	1.5	.319	.129
%RSD	176.3	34.05	.3714	.8886	5.186	6.501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.531	52.86	1402.	1526.
Stddev	.123	.90	5.	11.
%RSD	1.437	1.698	.3736	.7093
Check ?	Chk Pass	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	4499.6	37914.	9087.6
Stddev	57.4	225.	134.1
%RSD	1.2756	.59364	1.4754

Sample Name: 460-77852-E-6-B@4 Acquired: 6/20/2014 19:03:29 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12630.	49.28	.1633	498.4	1.268	7449.
Stddev	20.	1.51	.3139	.2	.079	34.
%RSD	.1595	3.058	192.2	.0348	6.214	.4517
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.945	18.14	38.14	157.5	30840.	1933.
Stddev	.028	.09	.05	.6	90.	17.
%RSD	1.413	.5162	.1437	.3701	.2910	.8930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1904.	294.8	369.7	40.25	196.0	.0921
Stddev	12.	1.3	18.5	.05	1.6	1.605
%RSD	.6400	.4555	4.998	.1230	.7938	1742.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-6-B@4 Acquired: 6/20/2014 19:03:29 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	6.526	-.2071	61.90	216.1	4.108	27.19
Stddev	1.072	.6655	.56	.1	.476	.01
%RSD	16.43	321.4	.9013	.0570	11.60	.0394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.71	222.8	839.4	1319.
Stddev	.05	.4	3.1	10.
%RSD	.4055	.1593	.3692	.7921
Check ?	Chk Pass	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	3614.1	30939.	7243.5
Stddev	5.2	139.	47.7
%RSD	.14512	.45049	.65885

Sample Name: 460-77852-E-7-B@4 Acquired: 6/20/2014 19:07:04 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**73700.**	**17.22**	**1.521**	**456.8**	**4.574**	**4075.**
Stddev	1761.	1.33	.307	5.4	.043	18.
%RSD	2.389	7.705	20.21	1.190	.9509	.4365
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.129**	**35.49**	**100.8**	**37.68**	**95220.**	**2495.**
Stddev	.107	.62	.3	.13	386.	45.
%RSD	5.041	1.757	.2649	.3436	.4050	1.803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**9884.**	**3519.**	**402.2**	**58.08**	**69.76**	**-2.455**
Stddev	38.	24.	24.7	.73	.61	.797
%RSD	.3859	.6797	6.143	1.264	.8677	32.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77852-E-7-B@4 Acquired: 6/20/2014 19:07:04 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.978	-3.441	148.7	166.3	4.692	2.661
Stddev	2.597	1.023	1.1	2.0	.237	.213
%RSD	131.3	29.72	.7674	1.190	5.055	7.996
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.339	23.24	1432.	1697.
Stddev	.421	.48	5.	19.
%RSD	4.506	2.082	.3760	1.093
Check ?	Chk Pass	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	3991.7	33890.	7926.8
Stddev	42.3	118.	120.5
%RSD	1.0592	.34795	1.5197

Sample Name: 460-78099-B-11-A@4 Acquired: 6/20/2014 19:10:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19540.**	**9.782**	**-.1551**	**171.6**	**.5350**	**189700.**
Stddev	300.	1.331	.1701	1.5	.0223	2759.
%RSD	1.536	13.61	109.7	.8738	4.175	1.454
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8970**	**19.41**	**44.83**	**188.7**	**105300.**	**3720.**
Stddev	.2766	.43	1.20	4.5	1851.	83.
%RSD	30.83	2.232	2.672	2.371	1.757	2.234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**106500.**	**714.2**	**1192.**	**55.10**	**156.4**	**-.1036**
Stddev	1899.	13.2	28.	.54	1.3	.8165
%RSD	1.783	1.848	2.337	.9749	.8233	787.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78099-B-11-A@4 Acquired: 6/20/2014 19:10:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-5.333**	**-1.455**	**137.1**	**527.2**	**32.31**	**3.157**
Stddev	1.082	.041	2.8	3.9	.55	.162
%RSD	20.29	2.805	2.010	.7401	1.688	5.142
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**61.57**	**150.5**	**1773.**	**793.3**
Stddev	.84	2.7	33.	13.8
%RSD	1.364	1.766	1.840	1.741
Check ?	Chk Pass	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	**3340.9**	**28903.**	**6905.5**
Stddev	34.4	294.	80.4
%RSD	1.0304	1.0184	1.1646

Sample Name: 460-78099-B-12-A@4 Acquired: 6/20/2014 19:14:22 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13350.	4.328	.1377	133.7	.1665	58910.
Stddev	236.	1.309	.2458	1.3	.0704	1516.
%RSD	1.764	30.24	178.5	.9714	42.29	2.573
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5386	13.78	27.39	109.2	68050.	2915.
Stddev	.2104	.19	.55	3.1	1698.	62.
%RSD	39.06	1.409	2.025	2.811	2.495	2.138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	25890.	630.9	788.1	39.08	167.0	-1.342
Stddev	666.	15.7	23.1	.56	2.0	1.399
%RSD	2.572	2.484	2.930	1.445	1.215	104.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78099-B-12-A@4 Acquired: 6/20/2014 19:14:22 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.399	-1.267	58.86	561.4	7.910	1.157
Stddev	2.174	1.428	1.17	6.5	.104	.311
%RSD	90.63	112.7	1.984	1.157	1.320	26.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	51.81	63.00	1078.	696.0
Stddev	.32	.92	25.	3.5
%RSD	.6131	1.454	2.362	.5038
Check ?	Chk Pass	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	3455.9	29933.	6940.8
Stddev	32.4	548.	62.7
%RSD	.93709	1.8316	.90282

Sample Name: CCV Acquired: 6/20/2014 19:17:57 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125500.**	**2453.**	**1253.**	**10210.**	**1011.**	**126100.**
Stddev	369.	6.	15.	3.	2.	323.
%RSD	.2944	.2298	1.229	.0315	.1784	.2563
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1269.**	**2526.**	**5044.**	**12240.**	**100700.**	**49450.**
Stddev	1.	3.	10.	34.	215.	181.
%RSD	.0769	.1218	.2079	.2740	.2131	.3668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**126000.**	**5050.**	**126500.**	**2545.**	**7618.**	**994.9**
Stddev	313.	25.	80.	.	10.	2.1
%RSD	.2486	.5040	.0632	.0120	.1299	.2087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 19:17:57 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2467.**	**2572.**	**2494.**	**2559.**	**1006.**	**2522.**
Stddev	7.	1.	4.	6.	1.	3.
%RSD	.2876	.0530	.1598	.2539	.1397	.1127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1015.**	**5011.**	**10190.**	**9785.**
Stddev	3.	21.	116.	77.
%RSD	.3155	.4231	1.136	.7838
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3409.8**	**29288.**	**6976.5**
Stddev	4.5	60.	85.8
%RSD	.13175	.20599	1.2301

Sample Name: CCVL Acquired: 6/20/2014 19:21:43 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**234.8**	**15.24**	**10.06**	**214.0**	**2.068**	**5109.**
Stddev	3.6	.86	.29	1.2	.048	75.
%RSD	1.513	5.611	2.933	.5778	2.331	1.472
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.350**	**54.69**	**10.59**	**23.76**	**152.9**	**4965.**
Stddev	.033	.10	.15	.46	12.7	46.
%RSD	.7595	.1829	1.378	1.954	8.320	.9339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**4967.**	**16.13**	**5049.**	**44.95**	**10.78**	**20.08**
Stddev	78.	.19	71.	.25	.58	1.13
%RSD	1.568	1.153	1.403	.5479	5.423	5.616
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 19:21:43 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**18.70**	**23.81**	**50.78**	**33.29**	**51.47**	**21.79**
Stddev	1.06	1.36	.67	.19	.88	1.01
%RSD	5.677	5.720	1.319	.5824	1.718	4.653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**51.37**	**20.60**	**22.77**	F **7.421**
Stddev	1.22	.27	.24	5.994
%RSD	2.369	1.321	1.041	80.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3543.0**	**30381.**	**6948.2**
Stddev	22.3	461.	80.4
%RSD	.62848	1.5183	1.1566

Sample Name: CCB Acquired: 6/20/2014 19:25:20 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-11.02	-1.293	-.3743	.0072	.0050	-9.255
Stddev	4.56	.747	.1998	.0835	.0780	5.427
%RSD	41.34	57.74	53.37	1154.	1559.	58.64
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0001	-.0717	.0429	-.6433	-11.61	-2.462
Stddev	.0682	.1225	.2193	.0579	4.50	26.45
%RSD	69770.	170.9	510.7	8.994	38.74	1074.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.518	.0424	-39.40	-.3008	.4905	-.4196
Stddev	2.326	.0668	22.22	.2844	.6198	.5258
%RSD	153.3	157.4	56.39	94.55	126.4	125.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 19:25:20 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.423	-1.098	-.0236	.0444	-.8671	-.4823
Stddev	2.180	1.044	.2919	.1210	.1195	.0088
%RSD	89.98	95.00	1236.	272.5	13.78	1.827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3288	.0687	-.7279	-3.941
Stddev	.2483	.0257	.2838	15.32
%RSD	75.51	37.37	38.98	388.6
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3631.6	31125.	7125.9
Stddev	18.3	232.	82.5
%RSD	.50298	.74525	1.1576

Sample Name: 460-78099-B-13-A@4 Acquired: 6/20/2014 19:29:03 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21480.**	**5.703**	**.1665**	**219.1**	**.5791**	**47810.**
Stddev	288.	.224	.4672	3.3	.0489	366.
%RSD	1.342	3.933	280.6	1.490	8.450	.7643
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5910**	**19.97**	**44.94**	**179.3**	**80970.**	**5902.**
Stddev	.1681	.34	.12	1.0	505.	73.
%RSD	28.45	1.699	.2656	.5407	.6242	1.230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**25630.**	**742.7**	**725.2**	**52.59**	**1093.**	**-1.726**
Stddev	205.	4.7	43.7	1.01	13.	.933
%RSD	.8013	.6372	6.020	1.929	1.152	54.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78099-B-13-A@4 Acquired: 6/20/2014 19:29:03 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-3.353	-.6551	81.01	466.1	7.415	3.192
Stddev	.725	.8064	.73	6.4	.586	.147
%RSD	21.61	123.1	.9008	1.375	7.903	4.592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	71.01	78.25	1566.	694.2
Stddev	.28	1.26	13.	8.9
%RSD	.3979	1.614	.8438	1.286
Check ?	Chk Pass	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	3474.3	30255.	7122.6
Stddev	47.6	230.	36.4
%RSD	1.3687	.76008	.51065

Sample Name: 460-78099-B-14-A@4 Acquired: 6/20/2014 19:32:34 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16420.**	**8.098**	**2.727**	**149.7**	**.2929**	**61470.**
Stddev	223.	1.161	.593	1.9	.0405	606.
%RSD	1.359	14.33	21.75	1.300	13.84	.9850
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5870**	**16.69**	**45.80**	**125.1**	**67280.**	**3611.**
Stddev	.0408	.16	.62	1.2	832.	74.
%RSD	6.949	.9369	1.344	.9665	1.237	2.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**36580.**	**520.1**	**644.5**	**61.22**	**159.1**	**1.717**
Stddev	367.	5.6	2.1	.78	1.9	.291
%RSD	1.003	1.080	.3261	1.280	1.196	16.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78099-B-14-A@4 Acquired: 6/20/2014 19:32:34 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.554	-.3889	99.00	424.2	6.132	.5483
Stddev	3.618	.7647	1.45	5.1	.116	.2278
%RSD	141.7	196.6	1.463	1.211	1.892	41.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	37.07	52.56	1311.	714.9
Stddev	.47	.56	15.	14.2
%RSD	1.255	1.060	1.123	1.986
Check ?	Chk Pass	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	3423.8	29764.	6981.1
Stddev	24.6	180.	43.8
%RSD	.71974	.60563	.62800

Sample Name: 460-78073-D-5-A@4 Acquired: 6/20/2014 19:36:08 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**40090.**	**28.25**	**.9401**	**281.4**	**1.922**	**148900.**
Stddev	305.	1.04	.3974	1.6	.028	3073.
%RSD	.7601	3.684	42.27	.5526	1.470	2.063
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3910**	**13.66**	**50.86**	**47.14**	**50160.**	**7037.**
Stddev	.1329	.24	.79	1.26	943.	71.
%RSD	33.98	1.784	1.546	2.671	1.879	1.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**19810.**	**1476.**	**4385.**	**40.26**	**74.20**	**-.2558**
Stddev	411.	30.	52.	.45	.67	.4786
%RSD	2.073	2.056	1.191	1.130	.8963	187.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78073-D-5-A@4 Acquired: 6/20/2014 19:36:08 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.979**	**-1.163**	**97.96**	**122.2**	**37.45**	**.6205**
Stddev	1.652	1.954	1.51	.4	.53	.1817
%RSD	55.46	168.0	1.546	.3581	1.405	29.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10.82**	**447.0**	**986.2**	**1340.**
Stddev	.51	4.1	17.5	8.
%RSD	4.695	.9133	1.772	.6210
Check ?	Chk Pass	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	**3454.5**	**29872.**	**7058.7**
Stddev	26.2	499.	31.9
%RSD	.75842	1.6715	.45253

Sample Name: 460-77997-G-1-A@4 Acquired: 6/20/2014 19:39:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12210.**	**3.358**	**.0251**	**96.04**	**.4818**	**32890.**
Stddev	208.	2.348	.3525	1.92	.0897	499.
%RSD	1.703	69.90	1404.	2.003	18.62	1.518
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9398**	**10.31**	**36.29**	**22.37**	**46710.**	**2305.**
Stddev	.0463	.29	.53	.55	772.	21.
%RSD	4.922	2.796	1.456	2.454	1.653	.9183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7104.**	**763.2**	**1797.**	**27.78**	**18.40**	**-1.307**
Stddev	106.	11.7	47.	.55	.28	1.246
%RSD	1.496	1.535	2.592	1.993	1.504	95.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77997-G-1-A@4 Acquired: 6/20/2014 19:39:43 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.620**	**-1.823**	**44.02**	**57.63**	**19.96**	**1.743**
Stddev	1.039	.390	.37	1.49	.44	.399
%RSD	64.10	21.40	.8451	2.587	2.197	22.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.486**	**55.06**	**757.4**	**2253.**
Stddev	.581	.90	11.2	75.
%RSD	8.954	1.638	1.482	3.342
Check ?	Chk Pass	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	**3504.2**	**30073.**	**7031.8**
Stddev	52.2	435.	98.3
%RSD	1.4886	1.4449	1.3975

Sample Name: 460-77909-B-1-G@4 Acquired: 6/20/2014 19:43:19 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29590.**	**30.71**	**.4319**	**117.4**	**1.152**	**13570.**
Stddev	278.	1.24	.3394	2.4	.039	157.
%RSD	.9378	4.045	78.59	2.056	3.383	1.159
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0576**	**13.69**	**85.07**	**43.05**	**49700.**	**2220.**
Stddev	.0836	.50	.97	.60	558.	27.
%RSD	145.1	3.644	1.141	1.398	1.122	1.220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7460.**	**720.2**	**153.8**	**29.69**	**101.9**	**-.4093**
Stddev	86.	8.4	15.5	.48	2.1	1.295
%RSD	1.153	1.171	10.06	1.633	2.096	316.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77909-B-1-G@4 Acquired: 6/20/2014 19:43:19 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.725	-3.355	66.79	205.8	6.241	2.578
Stddev	1.100	1.070	.81	4.2	.169	.044
%RSD	63.80	31.91	1.209	2.064	2.709	1.705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.750	63.87	1014.	1238.
Stddev	.552	.66	16.	19.
%RSD	5.666	1.035	1.574	1.527
Check ?	Chk Pass	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	3563.9	30607.	7057.5
Stddev	59.6	299.	80.4
%RSD	1.6726	.97785	1.1388

Sample Name: 460-77909-B-2-G@4 Acquired: 6/20/2014 19:46:55 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29730.**	**12.43**	**.6142**	**121.2**	**1.214**	**9595.**
Stddev	185.	.58	.6293	.9	.051	97.
%RSD	.6216	4.639	102.4	.7086	4.194	1.008
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0067**	**18.99**	**71.21**	**42.02**	**47510.**	**1901.**
Stddev	.1223	.14	.42	.44	457.	13.
%RSD	1825.	.7529	.5942	1.042	.9628	.6977
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**5006.**	**694.6**	**141.2**	**33.38**	**96.99**	**-1.377**
Stddev	54.	6.5	19.8	.11	1.11	2.099
%RSD	1.082	.9320	13.98	.3328	1.147	152.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77909-B-2-G@4 Acquired: 6/20/2014 19:46:55 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.879**	**-2.604**	**60.49**	**178.3**	**14.43**	**1.439**
Stddev	.418	1.211	.75	1.2	.21	.127
%RSD	22.23	46.51	1.241	.6807	1.466	8.847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**9.460**	**63.99**	**997.2**	**1350.**
Stddev	1.166	.07	7.0	11.
%RSD	12.33	.1019	.7035	.7784
Check ?	Chk Pass	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	**3488.1**	**29955.**	**6969.8**
Stddev	28.4	421.	87.1
%RSD	.81488	1.4051	1.2501

Sample Name: 460-77909-B-3-G@4 Acquired: 6/20/2014 19:50:31 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28430.**	**12.85**	**74.85**	**127.6**	**1.088**	**7732.**
Stddev	150.	1.32	.64	1.5	.044	178.
%RSD	.5282	10.26	.8531	1.186	4.052	2.300
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.529**	**10.58**	**3646.**	**150.6**	**33030.**	**1079.**
Stddev	.269	.21	65.	3.2	606.	33.
%RSD	3.569	2.026	1.781	2.128	1.836	3.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**3504.**	**375.9**	**98.78**	**36.13**	**373.6**	**-6.319**
Stddev	71.	7.7	22.15	.45	5.7	.651
%RSD	2.035	2.057	22.42	1.233	1.536	10.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77909-B-3-G@4 Acquired: 6/20/2014 19:50:31 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.3040	-2.439	62.67	296.6	6.992	3.897
Stddev	3.921	.450	1.03	3.5	.081	.198
%RSD	1290.	18.45	1.651	1.168	1.156	5.088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.21	57.25	1001.	1434.
Stddev	.58	.36	17.	20.
%RSD	2.298	.6240	1.714	1.401
Check ?	Chk Pass	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	3500.5	30178.	6920.7
Stddev	33.0	653.	52.5
%RSD	.94230	2.1654	.75802

Sample Name: 460-78050-A-1-A@4 Acquired: 6/20/2014 19:54:03 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7651.	8.126	-.0929	12180.	.2712	5751.
Stddev	94.	1.389	.2157	464.	.0621	115.
%RSD	1.228	17.10	232.3	3.810	22.90	2.000
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7852	13.95	89.62	99.54	84070.	1424.
Stddev	.0932	.28	2.23	2.17	1798.	44.
%RSD	11.87	2.013	2.489	2.178	2.138	3.111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	4397.	466.9	447.4	55.96	33.52	-.9488
Stddev	107.	9.8	17.5	2.14	1.11	.3047
%RSD	2.426	2.101	3.909	3.832	3.301	32.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78050-A-1-A@4 Acquired: 6/20/2014 19:54:03 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.996	-2.376	39.67	187.9	15.13	7.170
Stddev	4.208	.531	.68	6.8	.66	.209
%RSD	140.5	22.35	1.707	3.611	4.391	2.914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.92	154.6	290.0	446.0
Stddev	.16	2.2	6.1	6.1
%RSD	1.185	1.423	2.113	1.360
Check ?	Chk Pass	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	3514.7	30733.	7091.9
Stddev	107.6	659.	125.5
%RSD	3.0603	2.1452	1.7690

Sample Name: 460-78050-A-2-A@4 Acquired: 6/20/2014 19:57:36 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4900.	3.687	.2246	10110.	.3059	2085.
Stddev	117.	.585	.4970	400.	.0550	65.
%RSD	2.387	15.86	221.3	3.957	17.98	3.122
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8787	7.533	58.07	48.53	51630.	778.7
Stddev	.0683	.337	1.87	1.73	1579.	25.8
%RSD	7.773	4.478	3.227	3.557	3.057	3.316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1925.	212.9	241.3	35.59	11.35	-1.319
Stddev	55.	6.2	13.7	1.31	.47	.023
%RSD	2.875	2.915	5.659	3.670	4.109	1.760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78050-A-2-A@4 Acquired: 6/20/2014 19:57:36 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.518	-1.429	25.45	36.99	8.379	3.391
Stddev	1.231	.240	.81	1.32	.426	.136
%RSD	81.09	16.81	3.166	3.563	5.087	4.022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.512	124.4	138.5	256.0
Stddev	.406	2.7	4.5	10.2
%RSD	4.767	2.203	3.269	4.000
Check ?	Chk Pass	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	3516.6	30357.	7034.6
Stddev	104.4	847.	118.0
%RSD	2.9698	2.7885	1.6774

Sample Name: MB 460-231816/1-A@2 Acquired: 6/20/2014 20:01:12 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.230	.1105	.0029	.0833	-.0615	3.826
Stddev	14.19	1.269	.3579	.0477	.0830	6.668
%RSD	153.7	1148.	12420.	57.22	134.9	174.3
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0137	-.0642	-.2050	-.1003	-12.41	-34.78
Stddev	.0203	.0870	.3148	.0622	2.44	24.23
%RSD	148.7	135.4	153.6	62.03	19.65	69.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.2127	-.0026	-21.68	-.0573	-.3826	-1.056
Stddev	3.035	.0177	23.49	.3697	.3335	1.152
%RSD	1426.	686.3	108.3	645.6	87.18	109.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-231816/1-A@2 Acquired: 6/20/2014 20:01:12 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.3718	-.9052	.3311	.2766	-2.036	-.5133
Stddev	1.264	.3198	.3798	.0813	.255	.1722
%RSD	339.9	35.33	114.7	29.38	12.53	33.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2318	-.0699	-.9420	3.018
Stddev	.3955	.0843	.1243	13.50
%RSD	170.6	120.7	13.20	447.2
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3423.8	29041.	6768.2
Stddev	30.9	333.	71.1
%RSD	.90316	1.1474	1.0499

Sample Name: CCV Acquired: 6/20/2014 20:04:56 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126000.**	**2480.**	**1264.**	**10220.**	**1014.**	**127000.**
Stddev	873.	9.	8.	10.	6.	716.
%RSD	.6922	.3600	.6678	.0965	.5954	.5632
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1271.**	**2536.**	**5075.**	**12460.**	**101500.**	**49910.**
Stddev	2.	3.	22.	87.	415.	280.
%RSD	.1340	.1120	.4331	.6960	.4089	.5613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**127000.**	**5088.**	**126800.**	**2547.**	**7638.**	**994.3**
Stddev	712.	26.	347.	4.	13.	5.2
%RSD	.5603	.5171	.2739	.1632	.1689	.5272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 20:04:56 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	2479.	2574.	2511.	2556.	1011.	2528.
Stddev	11.	1.	8.	6.	.	2.
%RSD	.4359	.0525	.3300	.2418	.0325	.0738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1016.	5063.	10160.	9864.
Stddev	2.	45.	91.	101.
%RSD	.1672	.8941	.8961	1.023
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3401.4	29113.	6950.8
Stddev	6.3	243.	33.0
%RSD	.18618	.83352	.47478

Sample Name: CCVL Acquired: 6/20/2014 20:08:42 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**240.9**	**15.18**	**10.20**	**219.1**	**2.143**	**5251.**
Stddev	4.4	1.58	.41	.8	.162	37.
%RSD	1.822	10.38	3.997	.3499	7.543	.7020
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.322**	**56.08**	**10.86**	**24.85**	**173.7**	**5077.**
Stddev	.058	.15	.24	.45	4.8	66.
%RSD	1.341	.2615	2.175	1.807	2.764	1.294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**5079.**	**16.57**	**5141.**	**45.56**	**10.97**	**20.71**
Stddev	40.	.19	43.	.29	.88	1.61
%RSD	.7924	1.167	.8364	.6397	7.984	7.774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 20:08:42 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**17.83**	**23.34**	**52.50**	**34.41**	**52.58**	**22.74**
Stddev	1.82	.11	.71	.22	.54	.93
%RSD	10.22	.4880	1.350	.6401	1.033	4.097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**52.54**	**20.96**	**23.18**	F **-4.106**
Stddev	.34	.29	.07	2.945
%RSD	.6451	1.407	.3002	71.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3474.0**	**29650.**	**6826.2**
Stddev	9.9	120.	89.0
%RSD	.28408	.40530	1.3045

Sample Name: CCB Acquired: 6/20/2014 20:12:20 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-14.16**	**-.7351**	**-.0609**	**-.0093**	**.0081**	**-7.352**
Stddev	12.79	.5230	.3087	.0514	.0704	2.966
%RSD	90.30	71.15	507.2	553.8	868.5	40.34
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0154**	**-.0335**	**.1879**	**-.3281**	**-9.981**	**-16.66**
Stddev	.0327	.2958	.2259	.2957	2.712	15.88
%RSD	212.9	884.1	120.2	90.12	27.18	95.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**.7875**	**.0516**	**-6.349**	**-.5776**	**-.7428**	**.4901**
Stddev	3.692	.0143	25.67	.2193	.1633	.9268
%RSD	468.9	27.66	404.2	37.96	21.99	189.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 20:12:20 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.9074	-.9581	.2591	.2256	-.9319	-.2127
Stddev	.3378	.5839	.0732	.0867	.3481	.1367
%RSD	37.23	60.95	28.25	38.45	37.36	64.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0045	-.0575	-.6570	-6.158
Stddev	.2907	.0872	.1546	12.15
%RSD	6422.	151.6	23.53	197.3
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3530.5	29881.	6853.0
Stddev	35.3	312.	28.6
%RSD	1.0006	1.0447	.41768

Sample Name: LCSSRM 460-231816/2- Acquired: 6/20/2014 20:16:03 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41710.**	**842.6**	**216.0**	**1115.**	**559.0**	**36030.**
Stddev	589.	10.4	3.7	15.	8.4	360.
%RSD	1.411	1.235	1.710	1.314	1.498	.9981
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**532.5**	**706.1**	**628.4**	**580.2**	**76200.**	**14710.**
Stddev	6.6	8.9	6.6	8.1	838.	198.
%RSD	1.236	1.265	1.049	1.403	1.100	1.343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**13430.**	**1911.**	**1634.**	**381.4**	**420.7**	**1106.**
Stddev	156.	20.	21.	5.0	5.1	13.
%RSD	1.161	1.034	1.278	1.320	1.217	1.219
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-231816/2- Acquired: 6/20/2014 20:16:03 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	639.1	1153.	464.6	1484.	436.8	347.5
Stddev	5.2	12.	7.2	19.	6.4	4.6
%RSD	.8190	1.078	1.542	1.305	1.475	1.311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	753.2	661.2	1177.	1938.
Stddev	8.6	7.5	15.	8.
%RSD	1.142	1.136	1.298	.4239
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3613.6	30721.	7299.8
Stddev	27.5	142.	80.9
%RSD	.76024	.46353	1.1087

Sample Name: 460-77665-A-5-C DU@4 Acquired: 6/20/2014 20:19:25 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12030.**	**22.39**	**-.2610**	**54.23**	**.4642**	**2697.**
Stddev	170.	1.38	.2789	.27	.0408	25.
%RSD	1.415	6.155	106.9	.5009	8.781	.9182
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3362**	**1.461**	**25.02**	**19.56**	**31200.**	**1810.**
Stddev	.0978	.029	.35	.19	296.	31.
%RSD	29.08	1.985	1.414	.9939	.9492	1.695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1438.**	**135.4**	**43.85**	**6.768**	**99.38**	**.5445**
Stddev	16.	1.3	16.83	.048	.50	1.006
%RSD	1.105	.9415	38.38	.7103	.4985	184.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-5-C DU@4 Acquired: 6/20/2014 20:19:25 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1.478	-3.027	55.06	107.5	9.326	.8893
Stddev	2.166	.571	.59	.9	.403	.0170
%RSD	146.5	18.87	1.079	.8015	4.317	1.911
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.570	11.48	200.8	1844.
Stddev	.529	.06	1.5	7.
%RSD	8.058	.5423	.7669	.3885
Check ?	Chk Pass	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	3496.6	29693.	6839.5
Stddev	10.2	254.	94.5
%RSD	.29064	.85689	1.3823

Sample Name: 460-77665-A-5-B@4 Acquired: 6/20/2014 20:23:01 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12030.**	**22.58**	**-.0274**	**54.63**	**.5041**	**2701.**
Stddev	127.	1.17	.4413	.63	.1210	20.
%RSD	1.055	5.188	1610.	1.146	24.01	.7380
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3246**	**1.419**	**24.91**	**19.74**	**31190.**	**1782.**
Stddev	.0290	.261	.17	.18	257.	65.
%RSD	8.950	18.39	.6652	.8972	.8237	3.642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1435.**	**135.4**	**29.68**	**6.448**	**101.7**	**.4003**
Stddev	12.	1.2	11.40	.216	2.3	1.609
%RSD	.8229	.8896	38.40	3.354	2.235	401.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-5-B@4 Acquired: 6/20/2014 20:23:01 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.492**	**-2.180**	**55.32**	**108.0**	**8.845**	**.7402**
Stddev	1.167	1.223	.37	1.3	.215	.2137
%RSD	46.81	56.10	.6685	1.201	2.433	28.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.651**	**11.58**	**198.3**	**1855.**
Stddev	.123	.13	1.1	12.
%RSD	1.848	1.131	.5687	.6599
Check ?	Chk Pass	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	**3470.0**	**29563.**	**6811.2**
Stddev	33.5	172.	16.6
%RSD	.96545	.58315	.24419

Sample Name: sd 460-77665-A-5-B@2 Acquired: 6/20/2014 20:26:37 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2275.	4.526	-.3578	10.33	.0766	506.8
Stddev	32.	.903	.1491	.23	.0273	4.5
%RSD	1.386	19.95	41.65	2.273	35.62	.8904
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0733	.3058	4.622	3.581	5946.	316.3
Stddev	.0579	.0512	.267	.017	59.	9.7
%RSD	79.06	16.76	5.767	.4827	.9890	3.062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	273.7	25.78	-15.22	1.301	18.20	.0954
Stddev	3.4	.15	27.35	.096	1.36	1.036
%RSD	1.248	.5860	179.6	7.383	7.490	1085.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-77665-A-5-B@2 Acquired: 6/20/2014 20:26:37 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.354**	**-.2055**	**10.50**	**20.81**	**.5257**	**-.2579**
Stddev	1.208	.5469	.15	.29	.1077	.1763
%RSD	89.25	266.2	1.447	1.382	20.49	68.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1.124**	**2.185**	**36.82**	**347.0**
Stddev	.550	.120	.59	1.9
%RSD	48.95	5.478	1.612	.5597
Check ?	Chk Pass	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	**3625.3**	**30714.**	**7096.2**
Stddev	35.9	229.	51.1
%RSD	.99035	.74676	.72079

Sample Name: 460-77665-A-5-D MS@4 Acquired: 6/20/2014 20:30:16 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23250.**	**968.7**	**24.94**	**1119.**	**26.40**	**12450.**
Stddev	221.	10.4	.45	12.	.17	181.
%RSD	.9512	1.079	1.793	1.042	.6363	1.450
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25.54**	**264.9**	**133.1**	**141.8**	**33390.**	**12420.**
Stddev	.31	2.9	2.1	1.5	451.	112.
%RSD	1.210	1.077	1.550	1.075	1.351	.8990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**11580.**	**395.8**	**9840.**	**277.4**	**362.1**	**144.2**
Stddev	161.	5.4	56.	2.6	4.0	4.2
%RSD	1.390	1.366	.5690	.9297	1.114	2.879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-5-D MS@4 Acquired: 6/20/2014 20:30:16 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	958.4	1079.	315.6	386.1	250.4	251.5
Stddev	9.5	11.	3.5	4.8	2.5	2.6
%RSD	.9956	1.045	1.118	1.244	.9801	1.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	245.1	267.2	442.7	3019.
Stddev	3.0	1.7	6.7	48.
%RSD	1.208	.6468	1.507	1.594
Check ?	Chk Pass	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	3455.9	29562.	6947.0
Stddev	29.0	193.	24.1
%RSD	.83834	.65182	.34630

Sample Name: pds 460-77665-A-5-B@ Acquired: 6/20/2014 20:33:41 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13550.	1971.	50.10	2174.	51.85	22370.
Stddev	196.	17.	.32	22.	.46	187.
%RSD	1.447	.8694	.6403	1.033	.8932	.8368
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.76	527.5	228.3	264.6	31000.	20990.
Stddev	.59	5.5	2.0	2.9	392.	213.
%RSD	1.134	1.041	.8816	1.114	1.264	1.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	20700.	655.7	19570.	542.1	626.4	485.3
Stddev	166.	6.3	209.	4.6	8.1	7.1
%RSD	.8005	.9678	1.066	.8410	1.293	1.467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-77665-A-5-B@ Acquired: 6/20/2014 20:33:41 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1941.	2154.	560.6	630.3	504.3	515.4
Stddev	21.	23.	4.7	6.8	4.8	5.8
%RSD	1.098	1.071	.8344	1.078	.9583	1.132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	509.4	514.6	705.6	1862.
Stddev	6.5	5.1	7.8	49.
%RSD	1.280	.9839	1.112	2.612
Check ?	Chk Pass	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	3453.6	29407.	6913.9
Stddev	25.3	65.	32.4
%RSD	.73363	.22217	.46794

Sample Name: 460-77665-A-1-B@4 Acquired: 6/20/2014 20:37:01 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19950.**	**71.28**	**-.0867**	**159.4**	**.8512**	**16510.**
Stddev	348.	.40	.3057	2.7	.0391	172.
%RSD	1.742	.5607	352.6	1.664	4.598	1.041
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0551**	**3.342**	**59.40**	**48.45**	**47740.**	**4510.**
Stddev	.1161	.196	.75	.60	550.	61.
%RSD	211.0	5.853	1.265	1.237	1.152	1.348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**3548.**	**175.4**	**91.77**	**21.84**	**308.2**	**-1.682**
Stddev	43.	1.8	32.18	.75	4.6	.545
%RSD	1.207	1.014	35.06	3.446	1.498	32.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-1-B@4 Acquired: 6/20/2014 20:37:01 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1.381	-2.450	208.6	393.3	20.74	1.377
Stddev	.621	1.167	3.0	5.7	.93	.035
%RSD	44.99	47.65	1.442	1.454	4.468	2.561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.793	92.14	164.7	1255.
Stddev	.273	1.38	2.3	20.
%RSD	4.715	1.500	1.419	1.581
Check ?	Chk Pass	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	3540.4	30329.	7135.3
Stddev	52.4	89.	62.7
%RSD	1.4794	.29422	.87939

Sample Name: 460-77665-A-2-B@4 Acquired: 6/20/2014 20:40:35 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11860.**	**30.99**	**-.3122**	**89.68**	**.6073**	**1199.**
Stddev	289.	.64	.1134	.94	.1333	35.
%RSD	2.433	2.060	36.33	1.048	21.96	2.930
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5736**	**1.828**	**31.19**	**20.57**	**37720.**	**2439.**
Stddev	.0104	.164	.32	.46	752.	77.
%RSD	1.816	8.958	1.017	2.242	1.993	3.175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1299.**	**104.3**	**5.577**	**6.148**	**126.3**	**-1.891**
Stddev	26.	2.5	14.73	.068	1.1	.919
%RSD	1.982	2.378	264.0	1.101	.9070	48.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-2-B@4 Acquired: 6/20/2014 20:40:35 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.4822	-1.721	63.90	95.32	10.84	1.115
Stddev	1.233	.436	1.35	1.43	.18	.225
%RSD	255.8	25.35	2.106	1.497	1.641	20.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.997	9.658	191.5	2050.
Stddev	.197	.221	3.4	36.
%RSD	6.565	2.283	1.761	1.749
Check ?	Chk Pass	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	3529.2	30128.	7050.1
Stddev	26.8	411.	127.4
%RSD	.75985	1.3641	1.8072

Sample Name: 460-77665-A-3-B@4 Acquired: 6/20/2014 20:44:10 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13570.	39.30	-.0754	61.56	.9969	2543.
Stddev	300.	1.00	.1556	.90	.0210	49.
%RSD	2.208	2.545	206.3	1.465	2.105	1.942
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1110	1.987	51.23	19.00	47650.	3160.
Stddev	.0645	.096	.78	.24	819.	87.
%RSD	58.15	4.805	1.519	1.242	1.719	2.753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1899.	196.5	22.36	6.865	123.5	.6591
Stddev	39.	3.8	24.01	.275	1.8	.2061
%RSD	2.050	1.950	107.4	4.006	1.494	31.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-3-B@4 Acquired: 6/20/2014 20:44:10 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.602**	**-1.947**	**93.83**	**144.4**	**15.89**	**1.203**
Stddev	1.206	.789	1.32	2.7	.35	.031
%RSD	46.35	40.54	1.405	1.889	2.226	2.608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**5.168**	**15.24**	**198.9**	**2268.**
Stddev	.618	.38	3.6	56.
%RSD	11.96	2.508	1.802	2.479
Check ?	Chk Pass	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	**3527.2**	**30121.**	**7008.5**
Stddev	22.6	355.	107.0
%RSD	.64036	1.1791	1.5261

Sample Name: 460-77665-A-4-B@4 Acquired: 6/20/2014 20:47:47 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8381.**	**19.08**	**-.4245**	**39.39**	**.4045**	**2396.**
Stddev	136.	.85	.3297	.61	.0439	64.
%RSD	1.623	4.446	77.66	1.554	10.86	2.684
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4689**	**1.184**	**25.04**	**28.20**	**33910.**	**2392.**
Stddev	.0688	.103	.56	.55	743.	33.
%RSD	14.67	8.678	2.221	1.943	2.190	1.389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1185.**	**132.2**	**5.788**	**5.205**	**79.31**	**-.4143**
Stddev	29.	3.0	23.71	.209	1.03	.2271
%RSD	2.424	2.241	409.6	4.014	1.302	54.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77665-A-4-B@4 Acquired: 6/20/2014 20:47:47 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.8380	-2.295	47.87	93.81	16.57	.5039
Stddev	.5440	.220	1.51	1.43	.42	.1271
%RSD	64.92	9.564	3.163	1.522	2.531	25.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.173	9.947	136.8	1477.
Stddev	.649	.059	2.9	53.
%RSD	15.55	.5905	2.098	3.576
Check ?	Chk Pass	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	3493.9	30004.	6956.6
Stddev	28.6	408.	49.4
%RSD	.81987	1.3589	.70978

Sample Name: CCV Acquired: 6/20/2014 20:51:19 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128000.**	**2556.**	**1292.**	**10490.**	**1029.**	**129900.**
Stddev	3047.	41.	25.	150.	25.	2461.
%RSD	2.380	1.603	1.937	1.430	2.442	1.894
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1306.**	**2610.**	**5173.**	**12840.**	**104000.**	**50890.**
Stddev	20.	43.	94.	313.	1876.	1348.
%RSD	1.493	1.643	1.809	2.435	1.803	2.649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**129400.**	**5238.**	**129100.**	**2611.**	**7879.**	**1017.**
Stddev	2402.	144.	2850.	41.	112.	17.
%RSD	1.856	2.747	2.208	1.579	1.427	1.640
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 20:51:19 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2555.**	**2639.**	**2579.**	**2624.**	**1032.**	**2599.**
Stddev	45.	39.	49.	40.	15.	40.
%RSD	1.748	1.496	1.904	1.521	1.490	1.557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1044.**	**5143.**	**10430.**	**10020.**
Stddev	15.	138.	256.	207.
%RSD	1.480	2.677	2.452	2.063
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3340.3**	**28644.**	**6828.4**
Stddev	38.7	499.	125.9
%RSD	1.1588	1.7409	1.8438

Sample Name: CCVL Acquired: 6/20/2014 20:55:01 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**237.2**	**16.42**	**10.23**	**223.7**	**2.102**	**5305.**
Stddev	11.1	.94	.29	4.6	.069	107.
%RSD	4.698	5.741	2.847	2.055	3.282	2.014
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.454**	**57.82**	**10.90**	**25.21**	**175.0**	**5108.**
Stddev	.080	1.44	.18	.49	7.0	113.
%RSD	1.793	2.484	1.675	1.940	4.003	2.208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**5114.**	**16.72**	**5187.**	**46.20**	**12.32**	**21.42**
Stddev	92.	.30	118.	1.21	.56	1.78
%RSD	1.801	1.776	2.276	2.613	4.559	8.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 20:55:01 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20.08**	**22.38**	**53.24**	**34.80**	**53.99**	**23.36**
Stddev	1.55	1.19	1.44	.79	1.10	.64
%RSD	7.745	5.299	2.699	2.275	2.037	2.722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**54.44**	**21.14**	**23.63**	F **5.458**
Stddev	1.64	.58	.69	7.394
%RSD	3.005	2.767	2.933	135.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3416.3**	**29458.**	**6777.5**
Stddev	48.7	295.	106.6
%RSD	1.4245	1.0013	1.5727

Sample Name: CCB Acquired: 6/20/2014 20:58:35 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-10.70**	**.2533**	**-.1716**	**.0524**	**.0396**	**1.992**
Stddev	7.84	1.162	.1613	.0424	.0559	3.640
%RSD	73.34	458.7	94.02	80.99	141.2	182.8
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0129**	**.0786**	**-.1824**	**.1770**	**-7.449**	**-9.649**
Stddev	.0535	.0519	.1418	.2913	3.809	27.41
%RSD	415.3	66.04	77.77	164.6	51.14	284.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**2.715**	**.0350**	**-9.594**	**.0114**	**-.5341**	**-.2769**
Stddev	2.235	.0447	8.229	.3587	.7754	1.413
%RSD	82.33	127.8	85.77	3141.	145.2	510.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 20:58:35 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.5712	-.6330	.3381	.1459	-.8333	-.1702
Stddev	1.342	1.968	.1710	.1392	.2555	.1985
%RSD	234.9	311.0	50.57	95.43	30.66	116.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0175	-.0258	-.7012	-7.959
Stddev	.4402	.0502	.1530	7.470
%RSD	2520.	194.4	21.82	93.85
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3513.1	29914.	6886.6
Stddev	41.3	497.	72.5
%RSD	1.1752	1.6613	1.0534

Sample Name: 460-77914-D-3-A@4 Acquired: 6/20/2014 21:02:14 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19680.	5.555	.0422	48.92	.3911	556.2
Stddev	411.	1.631	.5141	.57	.0759	4.3
%RSD	2.088	29.35	1219.	1.169	19.41	.7799
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8767	2.118	33.75	10.01	37010.	406.2
Stddev	.1035	.184	.80	.29	611.	9.7
%RSD	11.81	8.682	2.364	2.943	1.652	2.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	631.1	55.95	292.5	8.892	26.31	-1.344
Stddev	10.8	.59	11.7	.298	1.16	1.827
%RSD	1.709	1.047	4.001	3.354	4.412	136.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77914-D-3-A@4 Acquired: 6/20/2014 21:02:14 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.8284	-2.245	74.28	21.28	1.320	.9642
Stddev	2.559	.448	1.75	.32	.465	.2346
%RSD	308.9	19.96	2.362	1.516	35.19	24.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.520	4.172	411.6	1371.
Stddev	.822	.138	6.0	23.
%RSD	32.63	3.308	1.454	1.696
Check ?	Chk Pass	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	3504.4	29856.	6903.8
Stddev	37.7	235.	108.6
%RSD	1.0767	.78835	1.5737

Sample Name: 460-77682-E-1-D@4 Acquired: 6/20/2014 21:05:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14360.**	**3.125**	**-.1136**	**86.88**	**3.175**	**4739.**
Stddev	279.	.606	.1920	.92	.055	71.
%RSD	1.944	19.38	169.0	1.058	1.739	1.488
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3233**	**7.834**	**38.67**	**12.08**	**22320.**	**7416.**
Stddev	.0481	.229	.57	.40	374.	135.
%RSD	14.86	2.929	1.486	3.291	1.677	1.820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**9251.**	**311.7**	**368.3**	**26.40**	**26.23**	**-.4802**
Stddev	129.	4.8	19.2	.66	.82	.9385
%RSD	1.396	1.528	5.208	2.496	3.119	195.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77682-E-1-D@4 Acquired: 6/20/2014 21:05:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.180**	**-1.528**	**54.83**	**59.69**	**2.994**	**-.2770**
Stddev	1.648	.251	.86	.86	.310	.0770
%RSD	75.60	16.45	1.564	1.433	10.35	27.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.037**	**44.95**	**1151.**	**1192.**
Stddev	.305	.83	16.	32.
%RSD	5.052	1.845	1.415	2.701
Check ?	Chk Pass	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	**3617.3**	**31006.**	**7150.4**
Stddev	29.8	281.	19.9
%RSD	.82449	.90657	.27791

Sample Name: 460-78044-E-1-B@4 Acquired: 6/20/2014 21:09:22 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34460.**	**30.67**	**.8939**	**919.0**	**2.207**	**42180.**
Stddev	716.	1.28	.3438	9.9	.060	825.
%RSD	2.078	4.186	38.46	1.079	2.730	1.956
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.685**	**29.05**	**56.34**	**260.6**	**44570.**	**4481.**
Stddev	.141	.33	1.15	4.5	899.	84.
%RSD	3.824	1.122	2.032	1.711	2.016	1.880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**5691.**	**883.3**	**2161.**	**151.7**	**1517.**	**.5081**
Stddev	110.	17.4	64.	1.3	18.	2.361
%RSD	1.928	1.966	2.953	.8458	1.209	464.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-1-B@4 Acquired: 6/20/2014 21:09:22 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1.721	-2.861	84.22	1246.	17.74	4.809
Stddev	2.669	1.070	1.53	15.	.20	.136
%RSD	155.1	37.41	1.814	1.226	1.127	2.824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	69.58	386.5	714.3	1456.
Stddev	.67	7.0	13.6	19.
%RSD	.9642	1.800	1.900	1.332
Check ?	Chk Pass	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	3573.4	30403.	7110.8
Stddev	24.5	192.	72.9
%RSD	.68533	.63236	1.0245

Sample Name: 460-78044-E-2-B@4 Acquired: 6/20/2014 21:12:51 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25880.**	**28.17**	**1.514**	**1011.**	**1.479**	**45300.**
Stddev	592.	1.92	.367	14.	.105	604.
%RSD	2.289	6.813	24.22	1.410	7.113	1.332
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.805**	**21.46**	**99.04**	**785.3**	**88740.**	**2555.**
Stddev	.097	.12	1.38	11.5	1260.	80.
%RSD	2.540	.5362	1.391	1.469	1.420	3.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**7740.**	**1158.**	**1024.**	**87.55**	**1103.**	**.3274**
Stddev	122.	15.	28.	1.16	16.	2.195
%RSD	1.578	1.279	2.766	1.320	1.476	670.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-2-B@4 Acquired: 6/20/2014 21:12:51 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.7249	-1.739	112.4	2682.	11.82	7.212
Stddev	.0660	.731	1.5	39.	.35	.139
%RSD	9.107	42.00	1.320	1.435	2.926	1.930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	73.72	264.4	881.3	1506.
Stddev	1.37	5.3	16.7	23.
%RSD	1.852	1.997	1.891	1.514
Check ?	Chk Pass	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	3548.6	30429.	7153.0
Stddev	31.1	176.	70.6
%RSD	.87578	.57739	.98759

Sample Name: 460-78044-E-3-B@4 Acquired: 6/20/2014 21:16:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34940.**	**27.43**	**.5534**	**292.1**	**1.676**	**29040.**
Stddev	852.	1.60	.1536	3.1	.050	543.
%RSD	2.439	5.832	27.76	1.058	2.982	1.869
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9265**	**29.29**	**85.17**	**115.0**	**70150.**	**5376.**
Stddev	.2267	.45	1.57	2.9	1338.	138.
%RSD	24.47	1.531	1.846	2.519	1.907	2.558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**15990.**	**785.2**	**1188.**	**165.5**	**570.4**	**-1.333**
Stddev	300.	15.2	47.	2.5	5.8	.568
%RSD	1.875	1.935	3.942	1.541	1.011	42.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-3-B@4 Acquired: 6/20/2014 21:16:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.2267	-2.013	108.4	320.2	12.12	3.958
Stddev	.8968	1.830	2.4	4.5	.41	.155
%RSD	395.6	90.95	2.256	1.405	3.394	3.918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	32.15	107.1	1475.	1192.
Stddev	.68	2.3	27.	24.
%RSD	2.116	2.110	1.858	2.008
Check ?	Chk Pass	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	3572.0	30586.	7132.7
Stddev	30.4	334.	110.0
%RSD	.85183	1.0911	1.5424

Sample Name: 460-78044-E-4-B@4 Acquired: 6/20/2014 21:19:45 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19590.**	**11.71**	**.4240**	**141.3**	**.9959**	**15670.**
Stddev	429.	1.51	.0641	1.7	.0501	249.
%RSD	2.191	12.91	15.12	1.226	5.033	1.590
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9042**	**20.84**	**52.92**	**93.15**	**55330.**	**3837.**
Stddev	.0875	.34	.97	1.52	981.	109.
%RSD	9.673	1.619	1.837	1.636	1.773	2.846
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**11800.**	**576.0**	**1044.**	**65.50**	**435.4**	**-.4204**
Stddev	202.	9.3	17.	.83	4.3	1.545
%RSD	1.713	1.616	1.591	1.271	.9851	367.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-4-B@4 Acquired: 6/20/2014 21:19:45 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.445**	**-2.062**	**106.7**	**192.6**	**8.800**	**2.215**
Stddev	2.429	.701	1.7	2.0	.489	.063
%RSD	168.1	33.97	1.587	1.056	5.561	2.841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**34.62**	**51.94**	**1535.**	**1047.**
Stddev	.52	1.18	29.	20.
%RSD	1.500	2.273	1.890	1.914
Check ?	Chk Pass	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	**3559.6**	**30402.**	**7139.1**
Stddev	56.8	217.	89.3
%RSD	1.5956	.71409	1.2511

Sample Name: 460-78044-E-5-B@4 Acquired: 6/20/2014 21:23:14 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29680.**	**19.11**	**1.166**	**462.9**	**1.516**	**161300.**
Stddev	948.	.81	.126	6.3	.108	3359.
%RSD	3.194	4.237	10.79	1.360	7.114	2.082
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8525**	**18.84**	**83.49**	**75.39**	**60810.**	**4014.**
Stddev	.0654	.24	1.98	1.46	1280.	116.
%RSD	7.673	1.291	2.370	1.942	2.105	2.892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**47360.**	**2626.**	**2015.**	**86.33**	**835.4**	**.5528**
Stddev	920.	55.	68.	1.06	10.9	.9080
%RSD	1.943	2.100	3.354	1.229	1.301	164.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-5-B@4 Acquired: 6/20/2014 21:23:14 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1.266	-1.195	79.52	222.5	46.32	5.977
Stddev	1.879	.196	1.65	2.6	.94	.312
%RSD	148.5	16.39	2.077	1.175	2.026	5.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	37.76	421.7	1262.	2928.
Stddev	.95	12.1	24.	41.
%RSD	2.505	2.863	1.885	1.385
Check ?	Chk Pass	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	3453.9	29676.	7061.1
Stddev	32.0	258.	103.7
%RSD	.92512	.87027	1.4685

Sample Name: 460-78044-E-6-B@4 Acquired: 6/20/2014 21:26:42 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34660.**	**30.39**	**1.728**	**501.4**	**1.901**	**159400.**
Stddev	691.	1.51	.247	9.3	.139	3602.
%RSD	1.993	4.963	14.32	1.856	7.310	2.260
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.989**	**24.18**	**71.15**	**603.5**	**69680.**	**6037.**
Stddev	.133	.42	2.01	12.2	1578.	139.
%RSD	6.710	1.743	2.823	2.017	2.264	2.305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**31370.**	**2479.**	**3113.**	**85.23**	**1357.**	**2.998**
Stddev	755.	53.	78.	1.74	26.	.531
%RSD	2.407	2.144	2.508	2.047	1.912	17.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-6-B@4 Acquired: 6/20/2014 21:26:42 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-4.501	-2.414	85.77	1175.	24.21	5.128
Stddev	1.671	1.447	2.45	23.	.59	.173
%RSD	37.13	59.94	2.853	1.972	2.434	3.370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	157.7	338.0	1392.	1301.
Stddev	3.6	5.3	34.	32.
%RSD	2.305	1.582	2.441	2.490
Check ?	Chk Pass	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	3476.8	30004.	7133.4
Stddev	37.9	334.	48.6
%RSD	1.0915	1.1115	.68163

Sample Name: 460-78044-E-7-B@4 Acquired: 6/20/2014 21:30:09 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23760.**	**9.870**	**1.925**	**419.3**	**1.091**	**226100.**
Stddev	622.	.731	.113	5.6	.052	6440.
%RSD	2.617	7.407	5.859	1.339	4.736	2.848
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5250**	**10.50**	**41.68**	**28.76**	**37410.**	**3001.**
Stddev	.1424	.24	.75	.88	924.	60.
%RSD	27.12	2.316	1.805	3.042	2.471	1.986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**81730.**	**3840.**	**1456.**	**51.20**	**87.07**	**-.9187**
Stddev	1823.	88.	55.	.51	1.54	1.048
%RSD	2.231	2.294	3.759	1.003	1.768	114.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-78044-E-7-B@4 Acquired: 6/20/2014 21:30:09 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.855	-.1379	48.63	85.56	89.08	.5840
Stddev	.271	.7365	1.39	1.45	.99	.1048
%RSD	9.472	534.1	2.854	1.692	1.110	17.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.80	357.6	918.8	1484.
Stddev	.56	10.4	19.0	37.
%RSD	4.719	2.900	2.071	2.475
Check ?	Chk Pass	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	3377.5	29405.	6936.0
Stddev	26.2	417.	84.4
%RSD	.77658	1.4172	1.2169

Sample Name: 460-77977-D-1-B@4 Acquired: 6/20/2014 21:33:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54780.**	**6.276**	**1.277**	**372.2**	**2.733**	**18130.**
Stddev	1461.	.570	.259	4.1	.142	305.
%RSD	2.668	9.085	20.32	1.103	5.187	1.680
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.876**	**48.92**	**92.74**	**97.36**	**114400.**	**7553.**
Stddev	.061	.64	1.48	1.74	2024.	184.
%RSD	3.247	1.301	1.601	1.786	1.769	2.431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**26700.**	**2280.**	**1811.**	**108.1**	**113.1**	**-.7521**
Stddev	428.	36.	68.	1.0	1.2	.7903
%RSD	1.601	1.594	3.748	.9495	1.055	105.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77977-D-1-B@4 Acquired: 6/20/2014 21:33:48 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-5.989**	**-2.176**	**130.1**	**272.7**	**36.21**	**3.006**
Stddev	.641	1.927	2.7	3.1	.82	.195
%RSD	10.70	88.58	2.070	1.153	2.267	6.480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**8.642**	**82.20**	**1615.**	**1633.**
Stddev	.334	2.19	25.	34.
%RSD	3.859	2.668	1.558	2.062
Check ?	Chk Pass	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	**3646.4**	**31331.**	**7305.0**
Stddev	31.7	252.	80.2
%RSD	.87043	.80366	1.0980

Sample Name: CCV Acquired: 6/20/2014 21:37:17 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128900.**	**2570.**	**1299.**	**10540.**	**1035.**	**130400.**
Stddev	1566.	18.	24.	62.	7.	1791.
%RSD	1.215	.6971	1.854	.5867	.7047	1.374
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1314.**	**2625.**	**5215.**	**12760.**	**104600.**	**51140.**
Stddev	8.	15.	63.	81.	1330.	583.
%RSD	.6075	.5901	1.204	.6322	1.272	1.141
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**130100.**	**5274.**	**130600.**	**2622.**	**7914.**	**1023.**
Stddev	1599.	81.	1245.	17.	43.	8.
%RSD	1.230	1.540	.9526	.6383	.5402	.7425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 21:37:17 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2562.**	**2649.**	**2600.**	**2644.**	**1036.**	**2611.**
Stddev	15.	15.	29.	17.	8.	15.
%RSD	.5996	.5670	1.113	.6360	.7492	.5723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1049.**	**5167.**	**10420.**	**10040.**
Stddev	5.	60.	110.	74.
%RSD	.5145	1.160	1.058	.7413
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3332.8**	**28565.**	**6803.0**
Stddev	17.5	339.	94.3
%RSD	.52571	1.1867	1.3860

Sample Name: CCVL Acquired: 6/20/2014 21:40:59 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**238.6**	**15.95**	**10.00**	**220.6**	**2.114**	**5184.**
Stddev	6.7	.97	.25	4.3	.020	99.
%RSD	2.800	6.110	2.509	1.942	.9231	1.908
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.350**	**56.85**	**11.07**	**24.41**	**169.6**	**4979.**
Stddev	.036	1.03	.43	.70	2.8	44.
%RSD	.8269	1.817	3.910	2.855	1.639	.8774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**5023.**	**16.38**	**5111.**	**45.74**	**11.36**	**20.21**
Stddev	78.	.32	25.	.63	.47	.56
%RSD	1.556	1.981	.4823	1.375	4.102	2.752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 21:40:59 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19.52**	**23.56**	**51.92**	**34.35**	**52.49**	**22.68**
Stddev	3.34	.39	.46	.41	.36	.83
%RSD	17.09	1.662	.8837	1.181	.6832	3.642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**53.53**	**20.60**	**22.88**	F **-3.583**
Stddev	1.66	.11	.60	9.004
%RSD	3.100	.5429	2.619	251.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3449.6**	**30025.**	**6913.8**
Stddev	51.9	444.	52.1
%RSD	1.5041	1.4797	.75289

Sample Name: CCB Acquired: 6/20/2014 21:44:33 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.117	.9065	-.2631	.0148	-.0107	2.617
Stddev	10.15	2.634	.0632	.0673	.0125	2.350
%RSD	165.9	290.5	24.02	456.0	116.8	89.82
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0072	.1149	.2309	-.1434	-14.68	-22.16
Stddev	.0233	.1380	.0935	.2520	7.78	22.85
%RSD	322.1	120.1	40.50	175.7	53.00	103.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.1762	.0108	-22.55	-.2326	.0087	-.8143
Stddev	2.297	.0361	28.72	.0602	.9291	1.718
%RSD	1304.	334.7	127.4	25.87	10730.	211.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 21:44:33 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.044	-.4699	-.0390	.1533	-1.409	-.3469
Stddev	3.789	1.895	.3480	.0936	.326	.1867
%RSD	185.4	403.3	892.2	61.08	23.10	53.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2537	.0813	-.8121	-9.166
Stddev	.2333	.1177	.2113	7.337
%RSD	91.93	144.7	26.02	80.04
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3523.5	30645.	7034.6
Stddev	33.3	75.	78.3
%RSD	.94592	.24544	1.1127

Sample Name: 460-76986-A-11-B@4 Acquired: 6/20/2014 21:48:13 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**59510.**	**37.59**	**1.335**	**547.6**	**4.834**	**11540.**
Stddev	1057.	1.32	.247	10.2	.038	304.
%RSD	1.775	3.517	18.51	1.858	.7905	2.633
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.412**	**71.93**	**138.3**	**107.8**	**153100.**	**9902.**
Stddev	.170	1.41	3.2	2.9	3292.	181.
%RSD	7.065	1.966	2.326	2.719	2.150	1.831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**32920.**	**1827.**	**646.2**	**189.3**	**153.3**	**-3.165**
Stddev	837.	46.	11.9	4.0	2.7	.942
%RSD	2.542	2.529	1.841	2.126	1.781	29.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-76986-A-11-B@4 Acquired: 6/20/2014 21:48:13 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-3.629**	**-2.757**	**151.0**	**389.0**	**55.07**	**3.032**
Stddev	2.516	.849	2.3	6.6	1.00	.151
%RSD	69.33	30.80	1.516	1.709	1.812	4.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**6.209**	**67.31**	**1053.**	**1261.**
Stddev	.760	1.27	26.	30.
%RSD	12.25	1.883	2.449	2.378
Check ?	Chk Pass	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	**3677.8**	**32017.**	**7437.9**
Stddev	39.8	452.	96.5
%RSD	1.0829	1.4110	1.2981

Sample Name: 460-77763-E-1-C@4 Acquired: 6/20/2014 21:51:40 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21900.**	**7.932**	**-.1501**	**239.0**	**10.75**	**7504.**
Stddev	207.	1.588	.4235	4.2	.19	134.
%RSD	.9436	20.03	282.2	1.763	1.732	1.791
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6659**	**10.61**	**44.16**	**25.83**	**42800.**	**8440.**
Stddev	.0723	.16	.75	.64	697.	77.
%RSD	10.86	1.518	1.692	2.471	1.628	.9077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**13710.**	**378.8**	**1571.**	**41.05**	**54.55**	**-1.671**
Stddev	245.	6.5	17.	.39	.81	.377
%RSD	1.788	1.705	1.071	.9577	1.485	22.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77763-E-1-C@4 Acquired: 6/20/2014 21:51:40 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.027	-2.226	53.89	106.8	10.22	.2645
Stddev	2.197	1.586	.82	1.6	.10	.1771
%RSD	108.4	71.26	1.516	1.528	1.013	66.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.239	51.98	1242.	1070.
Stddev	.355	.33	20.	14.
%RSD	5.693	.6408	1.595	1.338
Check ?	Chk Pass	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	3827.2	33289.	7697.2
Stddev	41.4	405.	34.3
%RSD	1.0814	1.2171	.44497

Sample Name: 460-77779-A-1-A@4 Acquired: 6/20/2014 21:55:10 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48660.**	**26.40**	**1.265**	**445.9**	**2.209**	**14440.**
Stddev	1290.	1.27	.391	10.3	.028	524.
%RSD	2.651	4.794	30.95	2.306	1.260	3.630
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6309**	**36.70**	**88.96**	**130.1**	**86710.**	**5031.**
Stddev	.1207	.87	2.55	4.8	2813.	137.
%RSD	19.14	2.364	2.871	3.664	3.244	2.718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**17160.**	**2024.**	**718.0**	**79.01**	**481.5**	**.1122**
Stddev	587.	69.	16.2	1.34	10.4	1.580
%RSD	3.421	3.431	2.256	1.698	2.160	1408.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77779-A-1-A@4 Acquired: 6/20/2014 21:55:10 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-1.728	-1.957	133.1	463.8	92.22	2.606
Stddev	1.292	2.250	3.7	10.3	2.48	.160
%RSD	74.75	115.0	2.802	2.218	2.690	6.145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.30	81.42	1389.	1589.
Stddev	.79	2.22	41.	62.
%RSD	5.175	2.730	2.988	3.870
Check ?	Chk Pass	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	3628.9	31330.	7313.5
Stddev	19.7	498.	26.4
%RSD	.54310	1.5882	.36052

Sample Name: 460-77779-A-2-A@4 Acquired: 6/20/2014 21:58:37 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46920.**	**11.03**	**1.101**	**333.8**	**2.344**	**10550.**
Stddev	220.	1.04	.089	3.4	.025	34.
%RSD	.4678	9.457	8.047	1.017	1.075	.3191
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.025**	**33.97**	**82.64**	**118.9**	**87420.**	**4902.**
Stddev	.109	.43	.37	.5	420.	5.
%RSD	10.66	1.270	.4487	.4139	.4800	.1110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**14680.**	**1981.**	**279.3**	**71.38**	**280.9**	**-2.045**
Stddev	40.	7.	5.2	1.18	2.3	.907
%RSD	.2691	.3785	1.859	1.650	.8076	44.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77779-A-2-A@4 Acquired: 6/20/2014 21:58:37 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.124**	**-1.368**	**125.5**	**383.7**	**30.66**	**2.291**
Stddev	.854	1.360	1.0	4.1	.25	.045
%RSD	75.91	99.48	.7729	1.064	.8041	1.965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**10.98**	**48.32**	**1067.**	**1543.**
Stddev	.21	.29	5.	22.
%RSD	1.947	.6061	.4282	1.422
Check ?	Chk Pass	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	**3685.7**	**31258.**	**7318.3**
Stddev	25.1	144.	40.1
%RSD	.68164	.45945	.54815

Sample Name: 460-76332-A-4-D@4 Acquired: 6/20/2014 22:02:04 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48950.**	**358.5**	**-.1652**	**94.36**	**2.139**	**1772.**
Stddev	947.	6.5	.1773	1.00	.021	48.
%RSD	1.933	1.808	107.3	1.061	.9681	2.707
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.367**	**10.70**	**163.6**	**40.47**	**167200.**	**9588.**
Stddev	.222	.12	3.5	1.07	3616.	165.
%RSD	6.588	1.121	2.115	2.643	2.162	1.722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**9911.**	**260.3**	**112.5**	**34.62**	**79.67**	**-4.803**
Stddev	216.	6.0	14.5	.29	1.54	1.410
%RSD	2.183	2.307	12.91	.8243	1.928	29.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-76332-A-4-D@4 Acquired: 6/20/2014 22:02:04 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.178	-4.055	481.2	146.3	21.98	6.279
Stddev	.381	1.193	10.9	1.8	.39	.200
%RSD	17.47	29.41	2.277	1.212	1.784	3.185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.258	9.418	1094.	1308.
Stddev	.758	.204	21.	28.
%RSD	12.12	2.167	1.934	2.156
Check ?	Chk Pass	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	3622.4	31104.	7272.4
Stddev	27.8	472.	61.1
%RSD	.76667	1.5188	.84032

Sample Name: 460-77949-A-1-B DU@4 Acquired: 6/20/2014 22:05:32 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13240.**	**1.258**	**-.1405**	**42.06**	**.9612**	**689.2**
Stddev	183.	2.073	.3098	.60	.0128	12.2
%RSD	1.382	164.9	220.5	1.428	1.336	1.765
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5073**	**11.83**	**20.80**	**20.42**	**23300.**	**2512.**
Stddev	.0714	.40	.59	.55	389.	45.
%RSD	14.08	3.352	2.820	2.712	1.668	1.801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**3775.**	**179.3**	**9.909**	**14.25**	**20.49**	**-2.089**
Stddev	55.	3.1	17.30	.20	.88	1.240
%RSD	1.448	1.711	174.6	1.404	4.303	59.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-B DU@4 Acquired: 6/20/2014 22:05:32 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.8150	-.1306	28.28	70.62	-1.597	.8005
Stddev	1.108	1.476	.59	.90	.254	.0711
%RSD	136.0	1130.	2.103	1.275	15.91	8.885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.734	1.256	559.7	171.6
Stddev	.761	.054	8.2	9.3
%RSD	27.85	4.297	1.463	5.445
Check ?	Chk Pass	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	3640.7	31398.	7211.4
Stddev	33.0	390.	90.3
%RSD	.90534	1.2412	1.2517

Sample Name: 460-77949-A-1-A@40 Acquired: 6/20/2014 22:09:06 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13120.	.0737	-.1056	41.62	.9040	685.6
Stddev	32.	.6157	.2258	.10	.0809	7.6
%RSD	.2443	835.6	213.8	.2338	8.949	1.114
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4963	11.53	20.59	19.90	23200.	2469.
Stddev	.0577	.14	.25	.10	70.	7.
%RSD	11.62	1.180	1.221	.5083	.3000	.2835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	3759.	178.2	3.486	14.00	19.09	-.8775
Stddev	4.	.3	10.99	.16	.47	.7021
%RSD	.1069	.1744	315.3	1.118	2.440	80.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-A@40 Acquired: 6/20/2014 22:09:06 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-2.359	-.1561	28.58	69.56	-1.516	.8358
Stddev	1.332	.4518	.38	.27	.191	.2614
%RSD	56.48	289.4	1.338	.3896	12.63	31.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.359	1.219	556.8	167.9
Stddev	.175	.057	.1	2.3
%RSD	7.402	4.633	.0216	1.383
Check ?	Chk Pass	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	3690.0	31536.	7251.3
Stddev	13.0	112.	27.5
%RSD	.35216	.35386	.37917

Sample Name: sd 460-77949-A-1-A@2 Acquired: 6/20/2014 22:12:40 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2705.**	**.3813**	**-.2428**	**8.538**	**.1639**	**147.6**
Stddev	37.	.7166	.1122	.125	.0550	5.9
%RSD	1.353	188.0	46.18	1.461	33.55	3.994
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0978**	**2.333**	**4.485**	**4.156**	**4768.**	**491.0**
Stddev	.0930	.139	.244	.342	73.	34.9
%RSD	95.14	5.953	5.447	8.229	1.532	7.101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**768.0**	**36.72**	**-17.37**	**2.865**	**3.286**	**-1.001**
Stddev	13.2	.50	15.22	.160	.369	.734
%RSD	1.723	1.368	87.63	5.571	11.22	73.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-77949-A-1-A@2 Acquired: 6/20/2014 22:12:40 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	.1111	-.3647	5.645	14.63	-1.605	-.1956
Stddev	1.818	1.394	.096	.28	.263	.0904
%RSD	1637.	382.4	1.700	1.895	16.37	46.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5759	.2453	112.9	35.85
Stddev	.2946	.0350	2.0	8.35
%RSD	51.17	14.26	1.766	23.28
Check ?	Chk Pass	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	3545.0	30262.	6966.3
Stddev	35.8	324.	84.7
%RSD	1.0096	1.0705	1.2161

Sample Name: 460-77949-A-1-C MS@4 Acquired: 6/20/2014 22:16:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13510.**	**93.31**	**2.573**	**144.8**	**3.308**	**1561.**
Stddev	446.	2.69	.345	3.5	.146	34.
%RSD	3.304	2.883	13.42	2.406	4.402	2.196
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.234**	**35.84**	**27.03**	**31.12**	**20500.**	**3560.**
Stddev	.059	.89	.81	.60	532.	98.
%RSD	2.625	2.481	3.009	1.931	2.594	2.752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**4739.**	**160.5**	**961.5**	**41.56**	**40.78**	**9.909**
Stddev	111.	3.5	24.4	.94	1.89	.716
%RSD	2.337	2.192	2.539	2.251	4.634	7.228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-77949-A-1-C MS@4 Acquired: 6/20/2014 22:16:17 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**89.49**	**108.6**	**51.13**	**93.27**	**21.50**	**24.23**
Stddev	.38	1.6	1.42	2.19	.51	.47
%RSD	.4299	1.511	2.779	2.344	2.376	1.919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**23.79**	**25.50**	**596.5**	**185.6**
Stddev	.99	.82	15.1	7.1
%RSD	4.152	3.224	2.524	3.844
Check ?	Chk Pass	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	**3600.4**	**30787.**	**7072.9**
Stddev	8.5	180.	103.0
%RSD	.23738	.58477	1.4559

Sample Name: pds 460-77949-A-1-A@ Acquired: 6/20/2014 22:19:50 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15020.**	**1924.**	**50.15**	**2104.**	**50.50**	**19620.**
Stddev	150.	12.	.57	11.	.48	124.
%RSD	1.000	.6290	1.130	.5427	.9513	.6317
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.71**	**523.7**	**216.7**	**251.9**	**23740.**	**21170.**
Stddev	.35	2.7	1.8	.9	116.	257.
%RSD	.6877	.5098	.8206	.3605	.4883	1.211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**22430.**	**677.8**	**19190.**	**536.2**	**542.2**	**475.9**
Stddev	166.	3.1	135.	2.8	3.2	3.2
%RSD	.7405	.4548	.7025	.5260	.5866	.6731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-77949-A-1-A@ Acquired: 6/20/2014 22:19:50 Type: Unk
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	1919.	2124.	516.2	590.9	489.0	500.0
Stddev	11.	13.	3.5	.5	3.7	3.7
%RSD	.5886	.5968	.6738	.0915	.7666	.7440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	497.5	485.1	1051.	208.9
Stddev	2.9	5.6	8.	6.6
%RSD	.5767	1.163	.7775	3.143
Check ?	Chk Pass	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	3582.6	30966.	7099.5
Stddev	4.8	76.	47.4
%RSD	.13526	.24576	.66757

Sample Name: CCV Acquired: 6/20/2014 22:23:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128500.**	**2584.**	**1291.**	**10580.**	**1033.**	**129800.**
Stddev	1153.	30.	19.	95.	9.	1361.
%RSD	.8972	1.171	1.493	.8951	.8747	1.048
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1319.**	**2635.**	**5200.**	**12830.**	**104300.**	**50990.**
Stddev	12.	27.	58.	77.	1080.	474.
%RSD	.9387	1.043	1.106	.6028	1.035	.9305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**129800.**	**5230.**	**130100.**	**2634.**	**7947.**	**1032.**
Stddev	1403.	75.	1033.	21.	83.	9.
%RSD	1.081	1.432	.7936	.8080	1.039	.8852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 22:23:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2579.**	**2662.**	**2593.**	**2650.**	**1045.**	**2624.**
Stddev	32.	23.	32.	23.	10.	29.
%RSD	1.225	.8737	1.228	.8525	.9429	1.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1055.**	**5159.**	**10540.**	**10080.**
Stddev	9.	41.	207.	98.
%RSD	.8460	.7945	1.969	.9696
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3311.6**	**28513.**	**6810.8**
Stddev	25.8	221.	73.7
%RSD	.77874	.77532	1.0820

Sample Name: CCVL Acquired: 6/20/2014 22:26:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**238.7**	**14.96**	**10.16**	**216.7**	**2.087**	**5143.**
Stddev	15.7	1.73	.20	2.5	.062	85.
%RSD	6.590	11.57	1.943	1.142	2.966	1.655
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.390**	**55.82**	**10.76**	**24.40**	**171.2**	**4972.**
Stddev	.076	.49	.17	.41	6.2	124.
%RSD	1.741	.8830	1.577	1.683	3.631	2.490
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**4975.**	**16.17**	**5057.**	**45.13**	**10.26**	**19.84**
Stddev	87.	.30	34.	.53	.77	1.69
%RSD	1.745	1.851	.6755	1.173	7.473	8.493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 22:26:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20.77**	**23.65**	**51.80**	**33.96**	**52.09**	**22.59**
Stddev	1.37	.41	.45	.48	1.04	.98
%RSD	6.594	1.721	.8732	1.425	1.988	4.355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**52.95**	**20.44**	**22.67**	F **9.344**
Stddev	1.31	.26	.60	2.012
%RSD	2.466	1.254	2.627	21.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3516.5**	**30278.**	**6986.8**
Stddev	28.4	342.	45.7
%RSD	.80817	1.1307	.65441

Sample Name: CCB Acquired: 6/20/2014 22:30:27 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.814**	**.5608**	**-.2461**	**-.0244**	**-.0138**	**1.979**
Stddev	8.817	.7184	.1797	.0552	.0278	3.942
%RSD	486.0	128.1	73.02	226.3	202.3	199.1
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0553**	**.0115**	**.1393**	**-.1964**	**-6.894**	**4.238**
Stddev	.0347	.0220	.0313	.1867	3.985	48.01
%RSD	62.66	191.9	22.47	95.07	57.80	1133.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	**1.396**	**-.0258**	**-7.502**	**-.0287**	**-.5980**	**.4755**
Stddev	3.261	.0640	13.23	.1355	.2386	.4316
%RSD	233.5	248.2	176.4	472.3	39.89	90.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 22:30:27 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	-.6821	-1.548	-.0829	.0787	-.5441	-.1526
Stddev	2.841	.596	.2430	.0867	.1255	.1541
%RSD	416.5	38.51	293.2	110.2	23.07	101.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0430	-.0086	-.6966	-10.39
Stddev	.5984	.0548	.1568	7.97
%RSD	1391.	635.2	22.51	76.74
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3510.3	30278.	7001.2
Stddev	31.5	271.	118.5
%RSD	.89599	.89461	1.6920

Sample Name: CCV Acquired: 6/20/2014 22:34:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**127600.**	**2544.**	**1287.**	**10430.**	**1026.**	**127900.**
Stddev	2137.	22.	24.	85.	14.	1563.
%RSD	1.675	.8800	1.873	.8104	1.406	1.222
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1301.**	**2600.**	**5120.**	**12500.**	**102700.**	**50720.**
Stddev	10.	19.	62.	104.	1262.	711.
%RSD	.7881	.7499	1.212	.8301	1.229	1.402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**127800.**	**5143.**	**129000.**	**2596.**	**7837.**	**1017.**
Stddev	1432.	56.	1518.	21.	63.	7.
%RSD	1.121	1.091	1.177	.8223	.7985	.6621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 6/20/2014 22:34:07 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2544.**	**2626.**	**2552.**	**2616.**	**1028.**	**2587.**
Stddev	21.	28.	28.	24.	7.	21.
%RSD	.8156	1.063	1.096	.9112	.6522	.7939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**1039.**	**5136.**	**10200.**	**9962.**
Stddev	8.	68.	127.	50.
%RSD	.7925	1.331	1.244	.4986
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	**3353.5**	**28966.**	**6848.6**
Stddev	17.8	216.	130.5
%RSD	.53086	.74498	1.9054

Sample Name: CCVL Acquired: 6/20/2014 22:37:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**237.8**	**16.05**	**10.46**	**218.9**	**2.176**	**5149.**
Stddev	8.6	1.66	.18	1.4	.094	16.
%RSD	3.625	10.37	1.719	.6386	4.301	.3168
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.362**	**56.31**	**10.70**	**24.63**	**174.5**	**5013.**
Stddev	.033	.12	.25	.22	2.7	57.
%RSD	.7516	.2209	2.361	.8750	1.560	1.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	**4982.**	**16.26**	**5119.**	**45.61**	**11.30**	**19.56**
Stddev	22.	.03	51.	.42	.86	1.05
%RSD	.4369	.1712	.9879	.9174	7.581	5.350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 6/20/2014 22:37:50 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19.97**	**22.02**	**52.04**	**34.18**	**53.13**	**22.92**
Stddev	2.42	.18	.09	.40	.17	.97
%RSD	12.13	.8071	.1735	1.169	.3141	4.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	**52.84**	**20.80**	**23.29**	F **-14.08**
Stddev	.18	.24	.49	5.94
%RSD	.3346	1.162	2.084	42.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

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	**3476.2**	**30095.**	**6922.6**
Stddev	6.6	68.	74.3
%RSD	.18884	.22605	1.0732

Sample Name: CCB Acquired: 6/20/2014 22:41:26 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.555	-1.367	-.2320	.1118	-.0188	.0807
Stddev	3.078	1.435	.1891	.0702	.0532	6.168
%RSD	67.58	105.0	81.51	62.76	283.5	7641.
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_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0204	-.0839	.2122	-.1575	-9.125	-14.22
Stddev	.0394	.2217	.4171	.1455	4.691	23.98
%RSD	193.1	264.2	196.5	92.33	51.41	168.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.557	.0400	-8.948	.0943	.4457	-1.073
Stddev	1.392	.0298	8.302	.1384	1.632	1.654
%RSD	89.39	74.50	92.78	146.8	366.1	154.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 6/20/2014 22:41:26 Type: QC
Method: SW6010C_061614(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

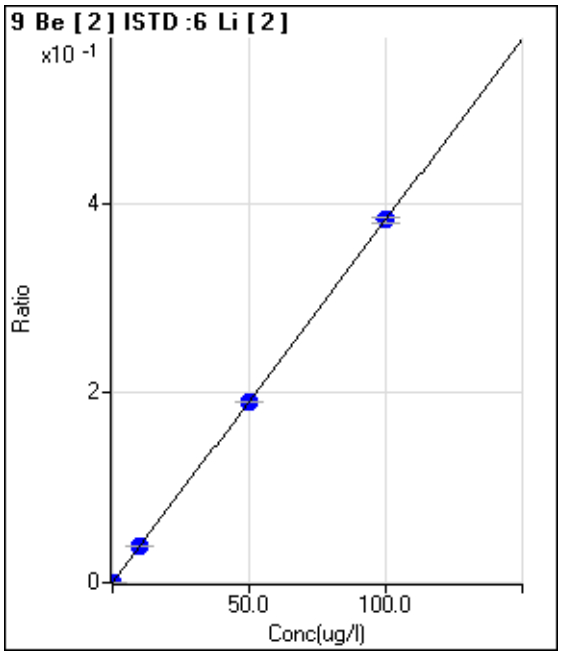
Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.395	-.6597	-.0324	.1422	-1.066	-.2545
Stddev	1.339	.3910	.1865	.1706	.188	.1577
%RSD	39.43	59.27	576.2	120.0	17.66	61.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3192	.0167	-.6981	-6.288
Stddev	.2044	.0305	.1919	3.782
%RSD	64.04	182.3	27.48	60.14
Check ?	Chk Pass	Chk Pass	Chk Pass	None
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	3521.3	30121.	6977.7
Stddev	28.6	266.	58.0
%RSD	.81202	.88380	.83116

Batch Folder:	C:\ICPMH\1\DATA\14F25o00.B\
Analysis File:	14F25o00.batch.xml
DA Date-Time:	6/25/2014 2:49:04 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 h2.u
	#2 he.u

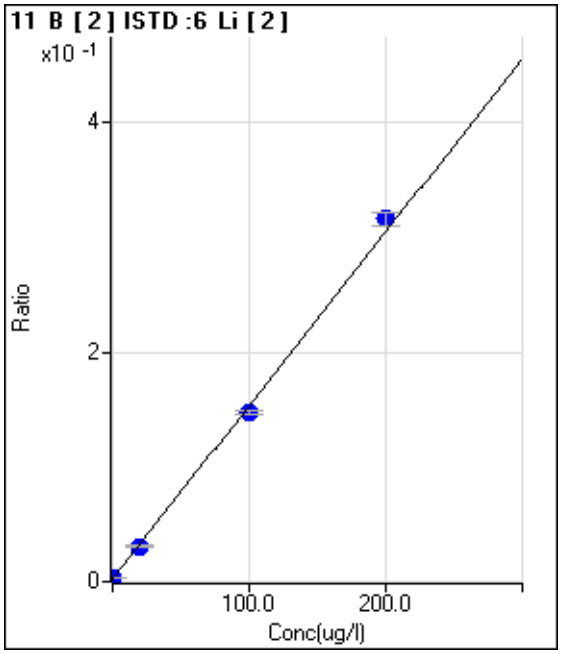
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2	004CALS.D	CAL1 3033712	6/25/2014 2:30:17 PM
3	005CALS.D	CAL2 3033714	6/25/2014 2:35:48 PM
4	006CALS.D	CAL3 3033716	6/25/2014 2:41:20 PM
5	007CALS.D	CAL4 3033718	6/25/2014 2:46:50 PM



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	2.28	0.0001	P	29.7
2	☐	0.200	0.194	17.94	0.0008	P	8.3
3	☐	10.000	10.114	810.97	0.0387	P	1.7
4	☐	50.000	49.841	3896.13	0.1905	P	0.8
5	☐	100.000	100.052	7700.24	0.3823	P	1.7

y = 0.0038 * x + 1.0679E-004
R = 1.0000
DL = 0.02539
BEC = 0.02796

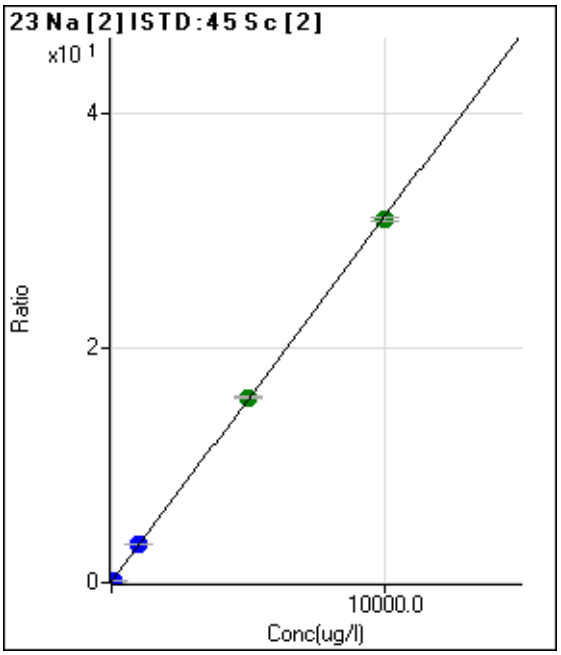
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.333	62.22	0.0030	P	27.4
2	☐	20.000	18.308	636.70	0.0301	P	3.0
3	☐	20.000	18.383	632.26	0.0302	P	5.3
4	☐	100.000	96.050	3014.82	0.1474	P	2.9
5	☐	200.000	207.699	6362.55	0.3159	P	3.8

y = 0.0015 * x + 0.0025
R = 0.9993
DL = 1.616
BEC = 1.633

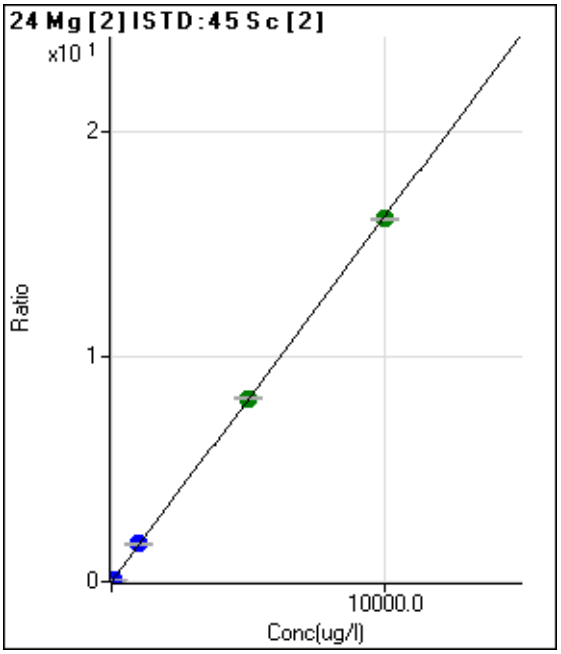
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.422	11515.55	0.0735	P	3.1
2	☐	50.000	52.395	38896.06	0.2406	P	1.5
3	☐	1000.000	1027.812	532635.75	3.2687	P	0.6
4	☐	5000.000	5055.997	2515180.97	15.7740	A	1.0
5	☐	10000.000	9917.415	4916930.58	30.8661	A	1.1

y = 0.0031 * x + 0.0779
R = 1.0000
DL = 2.177
BEC = 25.11

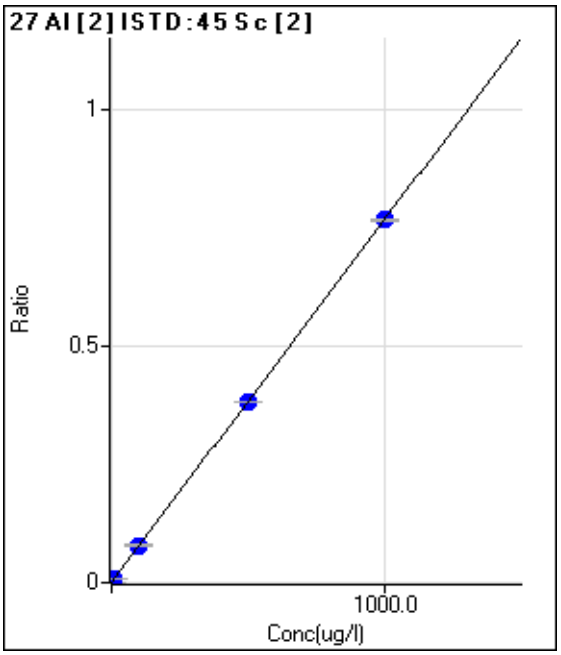
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.018	84.45	0.0005	P	32.4
2	☐	50.000	51.340	13526.04	0.0837	P	2.1
3	☐	1000.000	1029.536	271615.99	1.6669	P	0.6
4	☐	5000.000	5024.277	1296726.17	8.1323	A	1.0
5	☐	10000.000	9946.157	2564422.84	16.0983	A	0.6

y = 0.0016 * x + 5.6891E-004
R = 1.0000
DL = 0.324
BEC = 0.3515

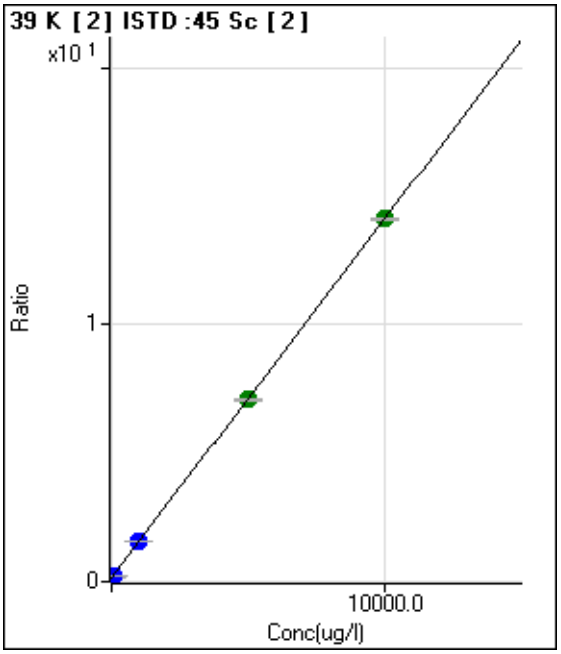
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.045	91.11	0.0006	P	22.6
2	☐	10.000	10.483	1396.75	0.0086	P	2.7
3	☐	100.000	102.238	12853.01	0.0789	P	1.8
4	☐	500.000	497.753	60850.74	0.3816	P	1.0
5	☐	1000.000	999.653	121992.55	0.7658	P	0.8

y = 7.6546E-004 * x + 6.1620E-004
R = 1.0000
DL = 0.5144
BEC = 0.805

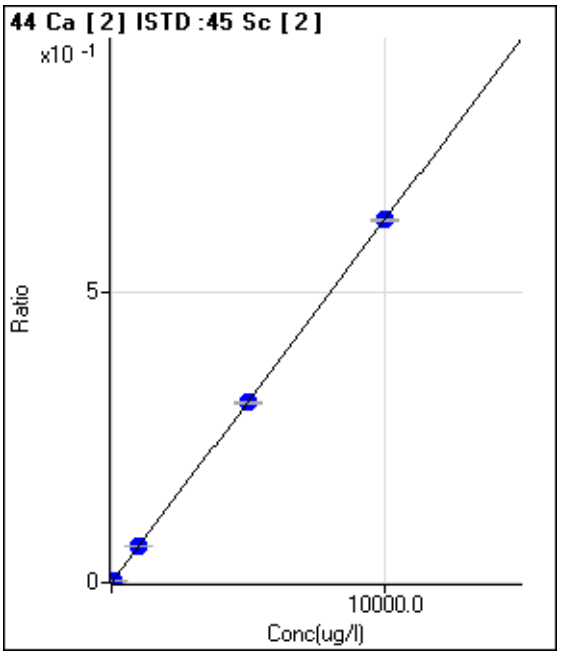
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.790	24468.24	0.1562	P	0.7
2	☐	50.000	50.220	36976.54	0.2287	P	2.4
3	☐	1000.000	1021.909	257974.89	1.5832	P	0.2
4	☐	5000.000	4972.263	1130413.05	7.0894	A	1.1
5	☐	10000.000	10008.007	2247499.22	14.1086	A	0.3

y = 0.0014 * x + 0.1587
R = 1.0000
DL = 2.408
BEC = 113.9

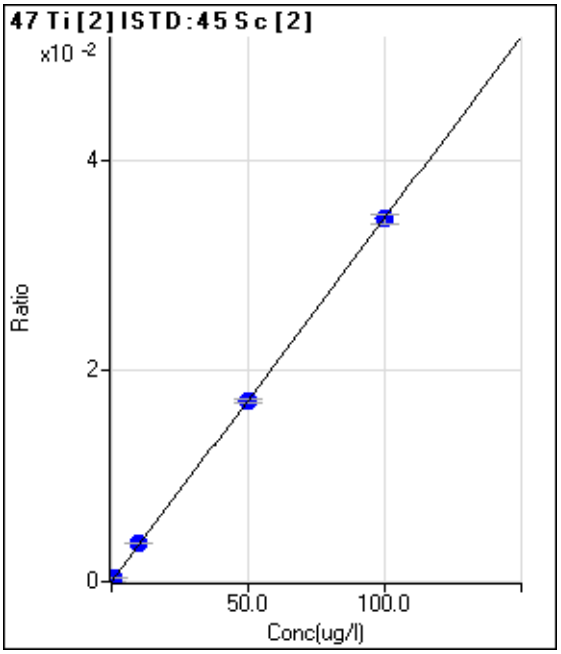
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.285	32.22	0.0002	P	29.8
2	☐	50.000	54.543	586.13	0.0036	P	3.6
3	☐	1000.000	1012.529	10328.46	0.0634	P	1.1
4	☐	5000.000	4975.854	49528.14	0.3106	P	0.7
5	☐	10000.000	10008.018	99484.88	0.6245	P	0.2

y = 6.2379E-005 * x + 2.2377E-004
R = 1.0000
DL = 2.955
BEC = 3.587

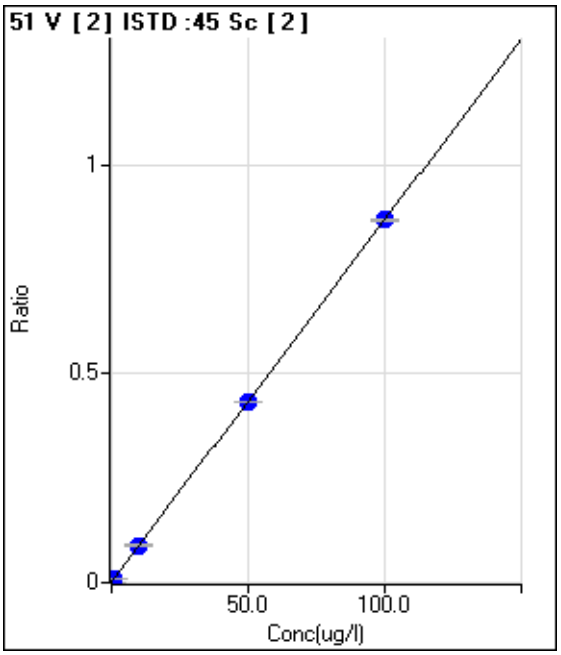
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.004	2.22	0.0000	P	86.6
2	☐	1.000	0.881	51.12	0.0003	P	20.8
3	☐	10.000	10.381	584.47	0.0036	P	0.6
4	☐	50.000	49.921	2742.55	0.0172	P	2.2
5	☐	100.000	99.843	5477.80	0.0344	P	2.7

y = 3.4430E-004 * x + 1.2777E-005
R = 1.0000
DL = 0.1067
BEC = 0.03711

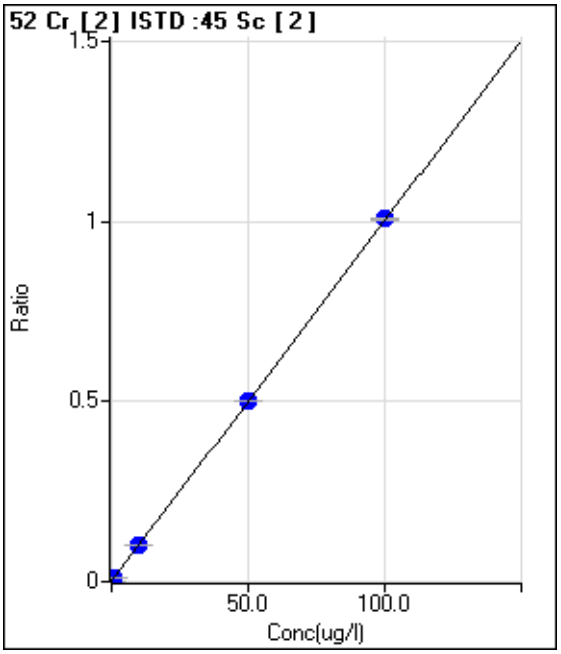
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.009	272.23	0.0017	P	5.0
2	☐	1.000	1.059	1773.49	0.0110	P	2.1
3	☐	10.000	10.131	14572.70	0.0894	P	1.3
4	☐	50.000	49.912	69118.14	0.4335	P	0.3
5	☐	100.000	100.099	138192.45	0.8675	P	0.8

y = 0.0086 * x + 0.0018
R = 1.0000
DL = 0.03011
BEC = 0.2096

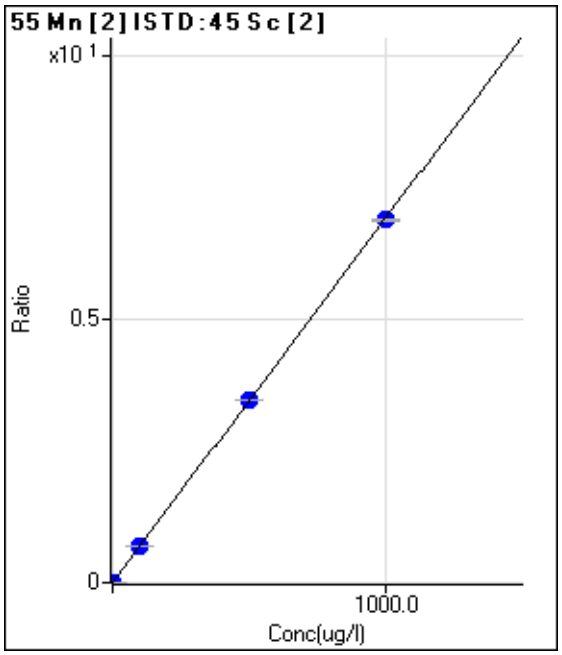
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.004	133.34	0.0009	P	8.7
2	☐	1.000	1.020	1795.71	0.0111	P	6.2
3	☐	10.000	10.254	16880.57	0.1036	P	0.5
4	☐	50.000	49.819	79703.00	0.4998	P	0.2
5	☐	100.000	100.506	160489.86	1.0075	P	0.4

y = 0.0100 * x + 8.9594E-004
R = 1.0000
DL = 0.02222
BEC = 0.08946

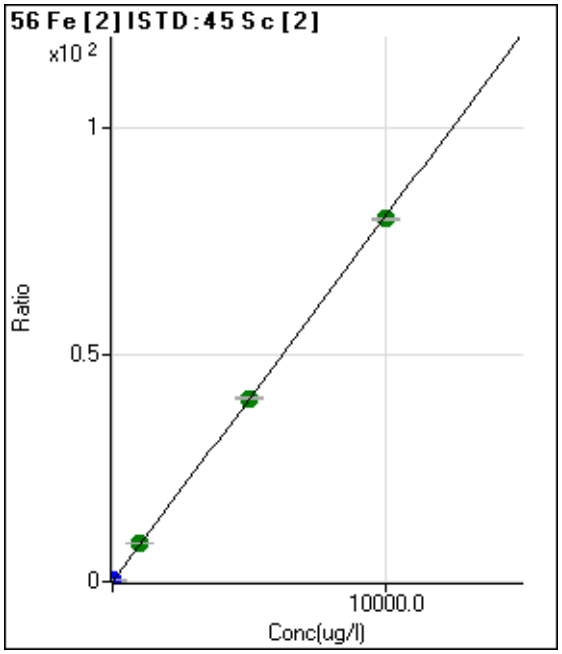
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.12	0.0005	P	16.2
2	☐	2.000	1.975	2286.91	0.0141	P	5.5
3	☐	100.000	100.568	113156.46	0.6944	P	0.7
4	☐	500.000	501.249	551578.23	3.4591	P	0.2
5	☐	1000.000	996.134	1094983.25	6.8737	P	0.2

y = 0.0069 * x + 5.1761E-004
R = 1.0000
DL = 0.03642
BEC = 0.07502

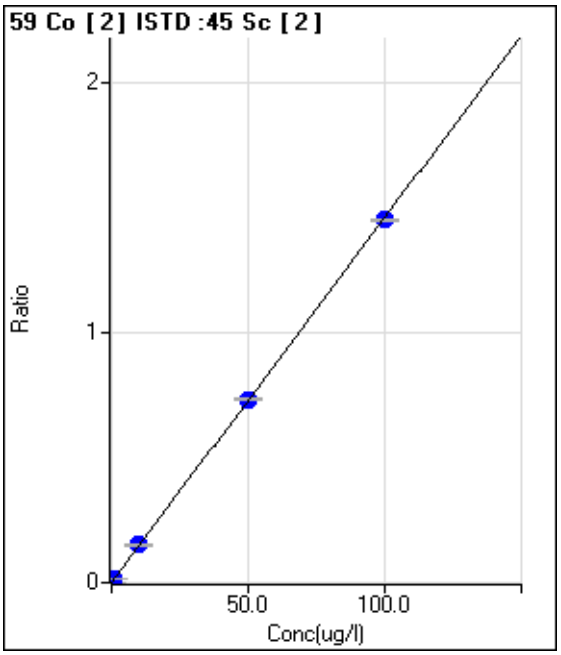
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.228	1652.89	0.0106	P	2.5
2	☐	30.000	34.626	47053.48	0.2911	P	1.0
3	☐	1000.000	1052.457	1382254.13	8.4827	A	0.1
4	☐	5000.000	5014.966	6437695.67	40.3735	A	0.7
5	☐	10000.000	9931.931	12735541.61	79.9459	A	0.5

y = 0.0080 * x + 0.0124
R = 1.0000
DL = 0.09913
BEC = 1.539

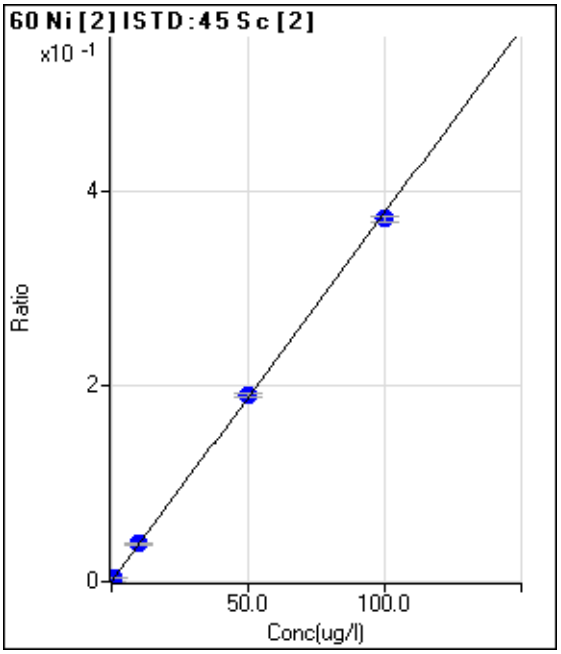
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0002	P	34.3
2	☐	1.000	1.012	2418.04	0.0150	P	0.3
3	☐	10.000	10.286	24487.35	0.1503	P	2.4
4	☐	50.000	50.235	116913.07	0.7332	P	0.5
5	☐	100.000	99.479	231263.73	1.4518	P	0.9

y = 0.0146 * x + 1.8413E-004
R = 1.0000
DL = 0.01248
BEC = 0.01262

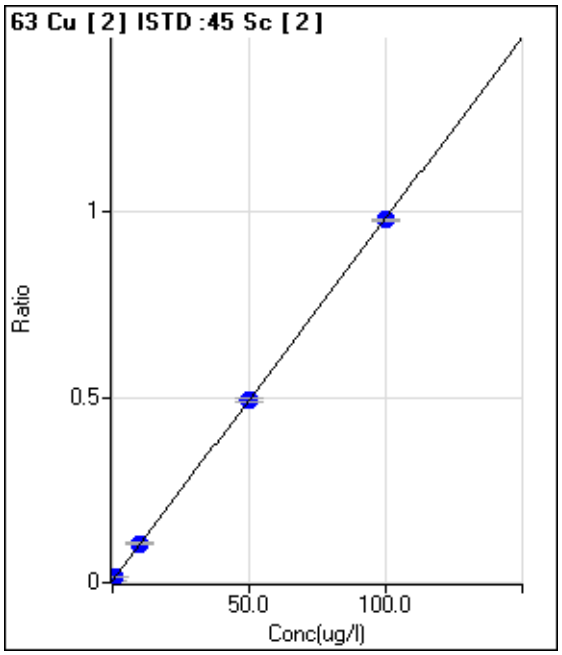
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0001	P	9.7
2	☐	1.000	1.121	703.37	0.0044	P	7.1
3	☐	10.000	10.294	6348.14	0.0390	P	3.2
4	☐	50.000	50.462	30375.41	0.1905	P	1.9
5	☐	100.000	98.400	59155.64	0.3714	P	1.5

y = 0.0038 * x + 1.2134E-004
R = 0.9999
DL = 0.0093
BEC = 0.03216

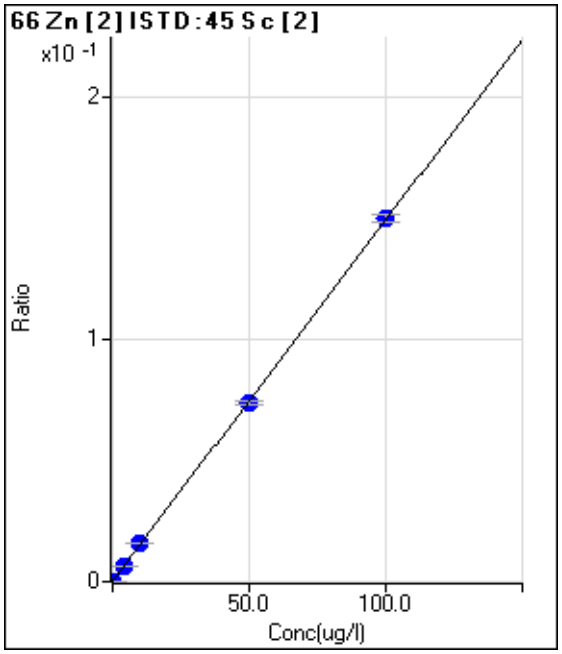
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.024	697.82	0.0045	P	3.7
2	☐	1.000	1.032	2389.16	0.0148	P	5.6
3	☐	10.000	10.393	17307.75	0.1062	P	2.4
4	☐	50.000	49.961	78567.66	0.4927	P	1.2
5	☐	100.000	99.655	155823.68	0.9782	P	0.3

y = 0.0098 * x + 0.0047
R = 1.0000
DL = 0.05086
BEC = 0.4806

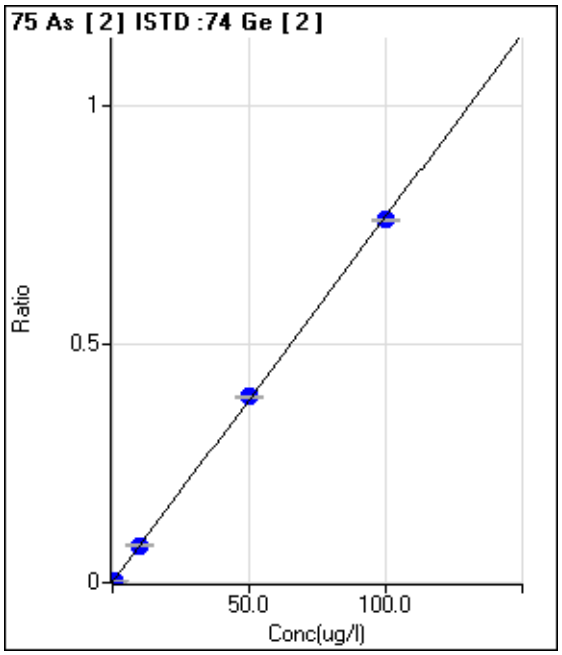
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.079	43.34	0.0003	P	35.0
2	☐	4.000	4.081	1046.73	0.0065	P	5.1
3	☐	10.000	10.424	2594.75	0.0159	P	0.8
4	☐	50.000	49.241	11759.18	0.0738	P	2.6
5	☐	100.000	100.334	23873.12	0.1499	P	2.0

y = 0.0015 * x + 3.9473E-004
R = 0.9999
DL = 0.1946
BEC = 0.265

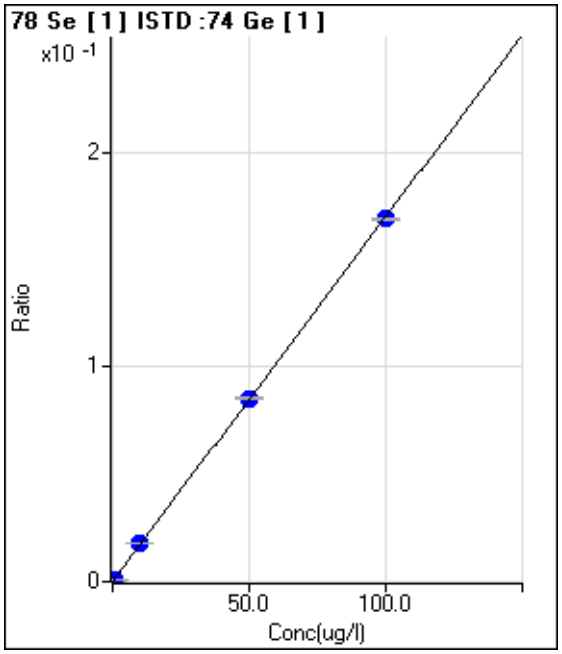
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.004	14.44	0.0007	P	23.9
2	☐	0.500	0.514	97.23	0.0047	P	8.6
3	☐	10.000	10.135	1625.11	0.0783	P	1.0
4	☐	50.000	50.730	7923.78	0.3889	P	0.8
5	☐	100.000	99.145	15477.26	0.7594	P	0.9

y = 0.0077 * x + 7.4331E-004
R = 0.9999
DL = 0.06676
BEC = 0.09714

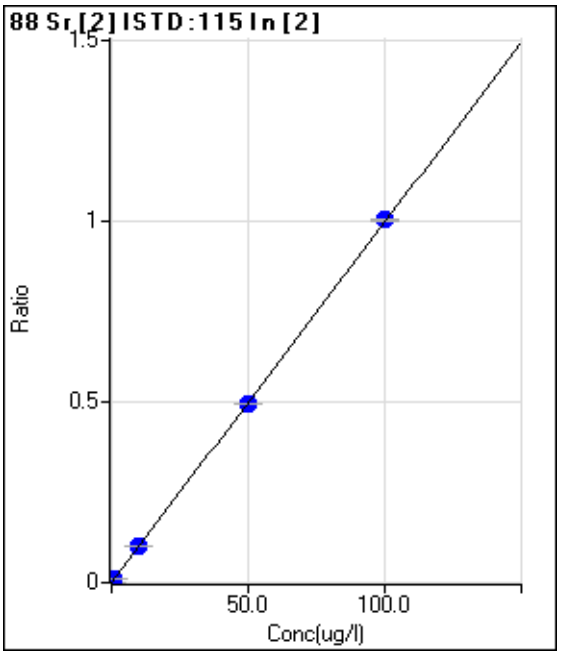
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.005	2.61	0.0000	P	31.5
2	☐	0.500	0.507	60.28	0.0009	P	2.0
3	☐	10.000	10.396	1157.38	0.0177	P	1.3
4	☐	50.000	50.340	5509.30	0.0855	P	0.6
5	☐	100.000	99.546	10786.41	0.1690	P	0.3

y = 0.0017 * x + 4.8034E-005
R = 1.0000
DL = 0.02243
BEC = 0.0283

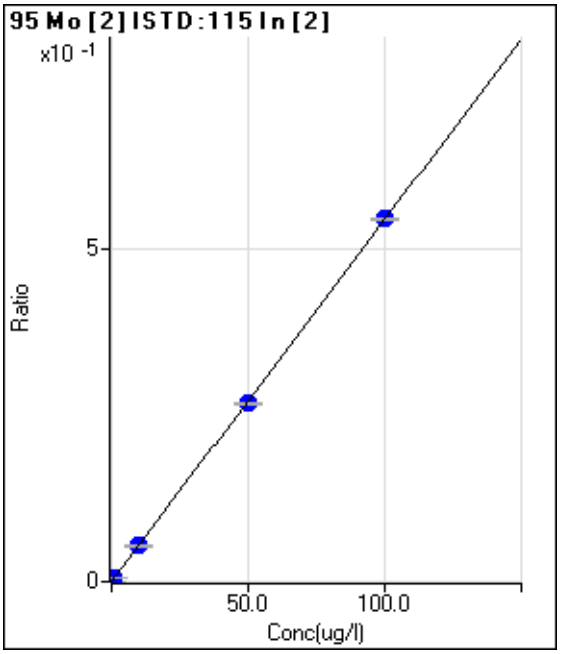
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0001	P	21.2
2	☐	1.000	0.950	1358.99	0.0095	P	4.0
3	☐	10.000	10.026	14171.33	0.1000	P	1.8
4	☐	50.000	49.633	67981.79	0.4950	P	0.4
5	☐	100.000	100.698	136979.89	1.0042	P	0.3

y = 0.0100 * x + 6.3434E-005
R = 1.0000
DL = 0.004087
BEC = 0.006361

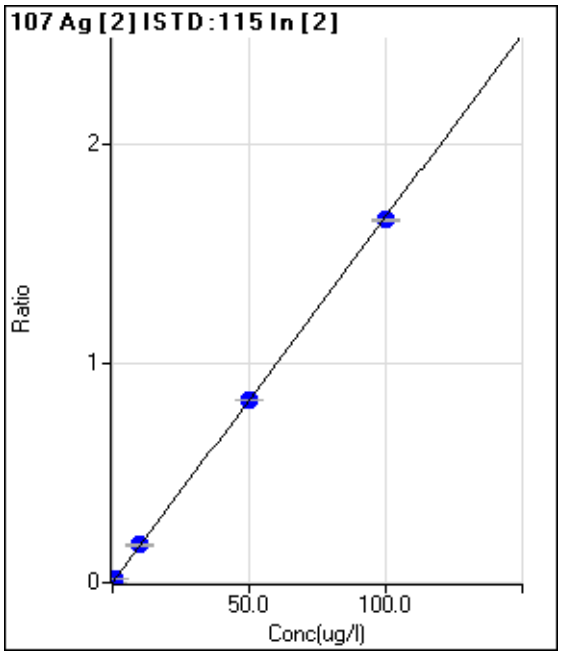
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0002	P	13.4
2	☐	1.000	0.939	755.60	0.0053	P	8.6
3	☐	10.000	9.815	7581.01	0.0535	P	3.6
4	☐	50.000	49.167	36707.85	0.2673	P	1.4
5	☐	100.000	100.315	74360.25	0.5452	P	0.5

y = 0.0054 * x + 1.9909E-004
R = 1.0000
DL = 0.01482
BEC = 0.03665

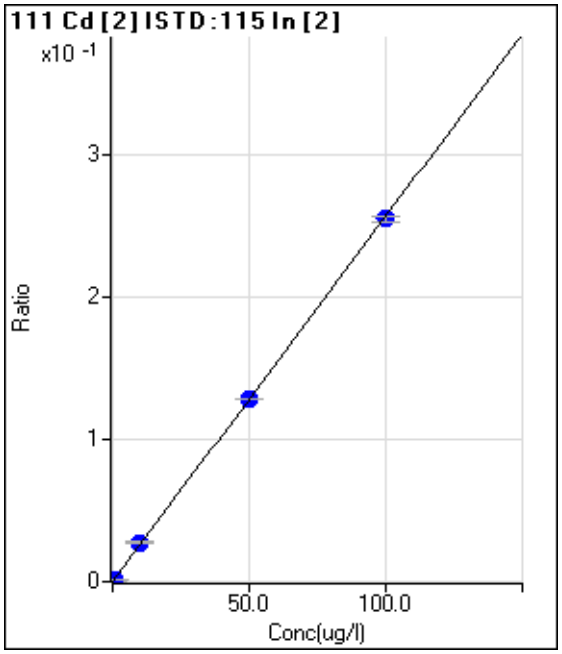
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	1.000	1.034	2461.39	0.0173	P	4.5
3	☐	10.000	10.286	24306.56	0.1716	P	1.1
4	☐	50.000	49.898	114300.54	0.8323	P	0.6
5	☐	100.000	99.245	225791.28	1.6554	P	0.6

y = 0.0167 * x + 2.5414E-005
R = 1.0000
DL = 0.004342
BEC = 0.001524

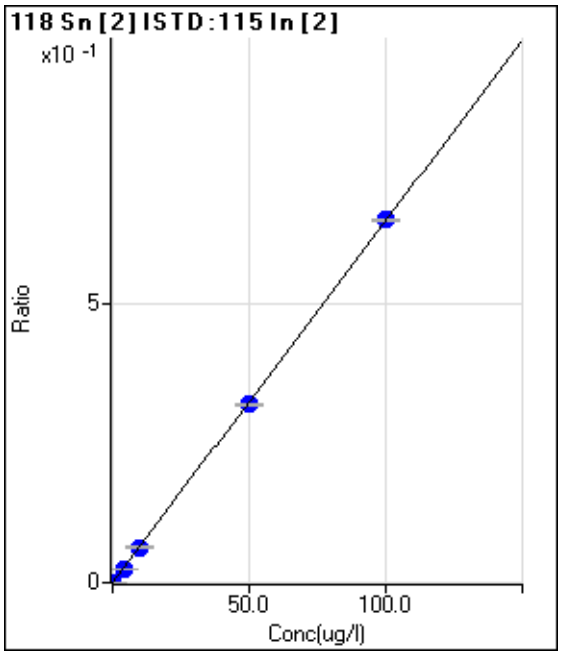
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	3.33	0.0000	P	99.9
2	☐	0.500	0.445	165.56	0.0012	P	5.5
3	☐	10.000	10.598	3846.18	0.0272	P	4.4
4	☐	50.000	50.110	17620.70	0.1283	P	0.7
5	☐	100.000	99.392	34710.24	0.2545	P	1.8

y = 0.0026 * x + 2.2489E-005
R = 1.0000
DL = 0.02829
BEC = 0.008785

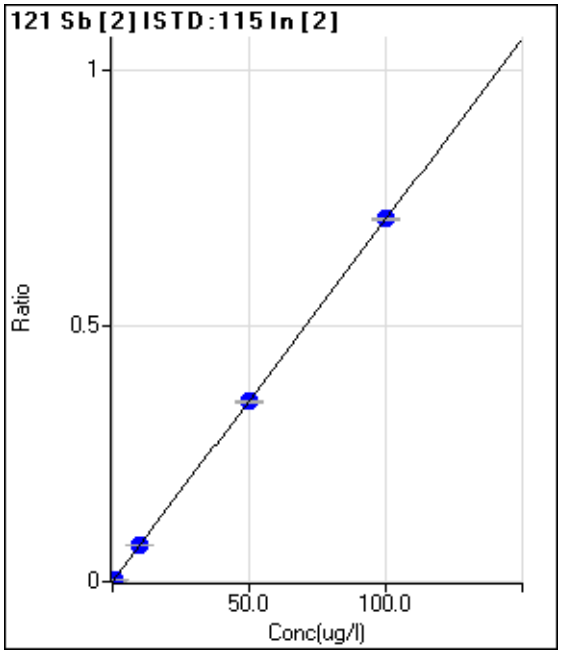
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.004	42.23	0.0003	P	32.5
2	☐	4.000	3.809	3557.20	0.0250	P	3.0
3	☐	10.000	9.774	9007.38	0.0636	P	3.5
4	☐	50.000	49.420	43996.71	0.3204	P	1.2
5	☐	100.000	100.345	88686.25	0.6502	P	0.5

y = 0.0065 * x + 2.8063E-004
R = 1.0000
DL = 0.04588
BEC = 0.04333

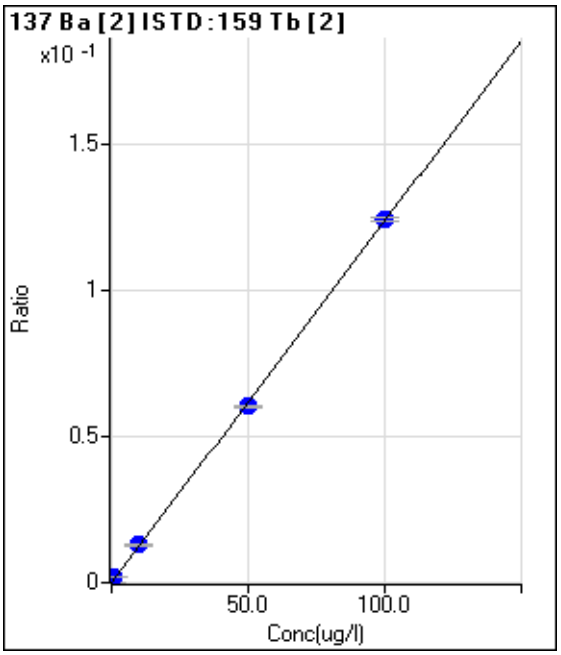
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.004	35.56	0.0003	P	44.9
2	☐	0.500	0.563	607.81	0.0043	P	4.3
3	☐	10.000	9.967	10018.07	0.0707	P	2.4
4	☐	50.000	49.768	48340.12	0.3520	P	0.6
5	☐	100.000	100.214	96639.90	0.7085	P	0.3

y = 0.0071 * x + 2.8281E-004
R = 1.0000
DL = 0.04909
BEC = 0.04002

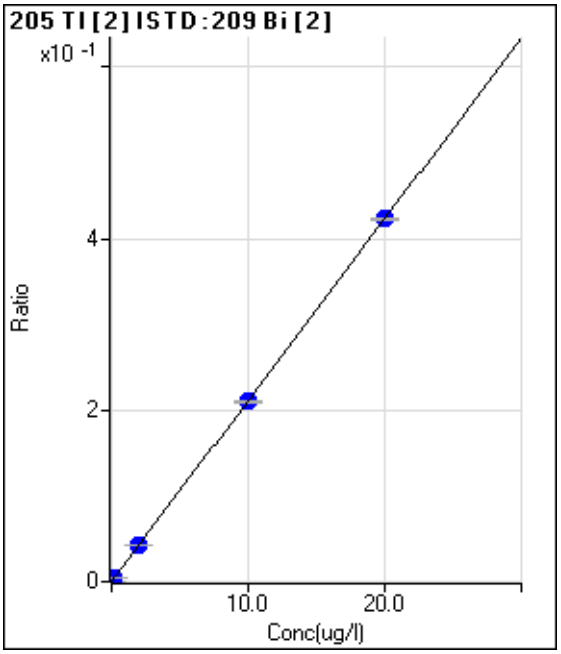
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.015	21.11	0.0001	P	55.3
2	☐	1.000	1.412	672.26	0.0018	P	2.8
3	☐	10.000	10.465	4734.25	0.0130	P	5.1
4	☐	50.000	48.838	21610.63	0.0604	P	0.9
5	☐	100.000	100.469	44410.96	0.1242	P	1.1

y = 0.0012 * x + 7.7008E-005
R = 0.9999
DL = 0.07934
BEC = 0.06235

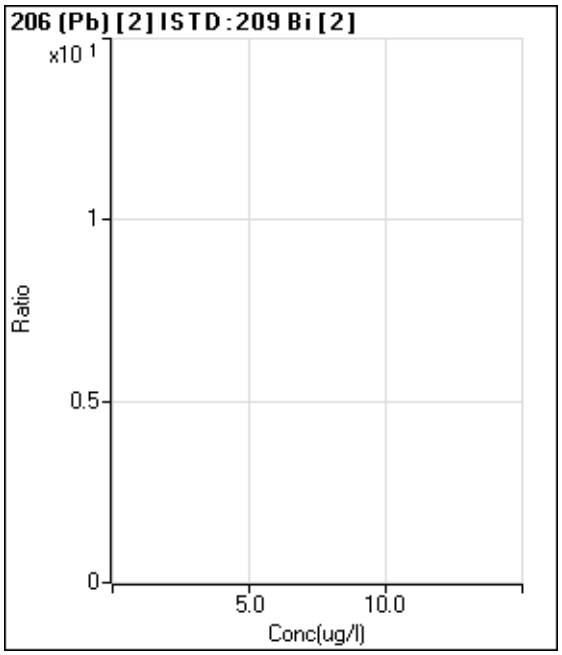
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0001	P	19.4
2	☐	0.200	0.199	1153.42	0.0043	P	1.6
3	☐	2.000	1.995	11122.46	0.0423	P	2.9
4	☐	10.000	9.942	53536.43	0.2100	P	0.8
5	☐	20.000	20.022	105573.55	0.4228	P	0.3

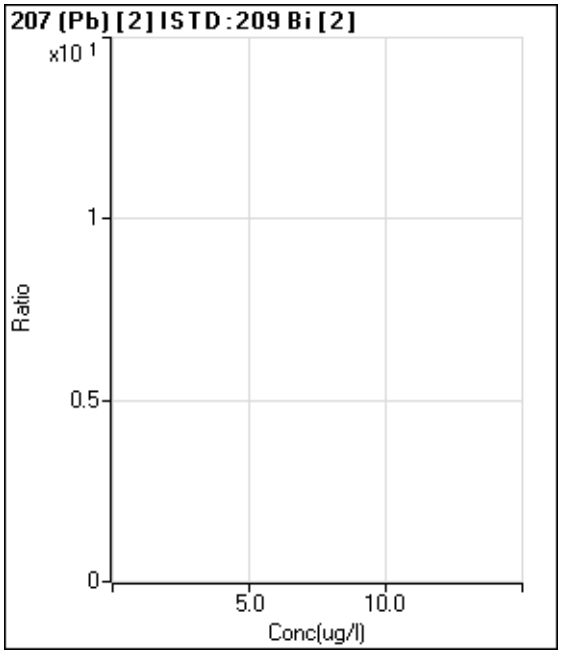
y = 0.0211 * x + 1.3233E-004
R = 1.0000
DL = 0.003749
BEC = 0.006268

Weight: 1/SD^2
Min Conc: <None>



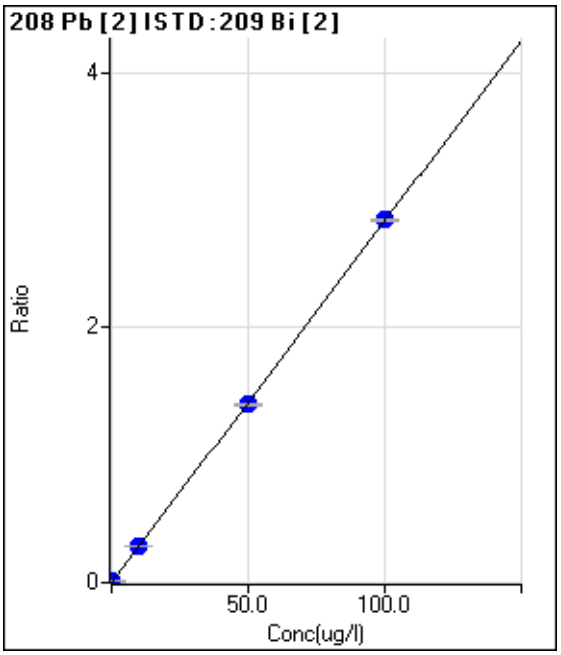
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.44	0.0001	P	20.5
2	☐			592.26	0.0022	P	3.6
3	☐			18254.41	0.0694	P	2.1
4	☐			86823.18	0.3406	P	0.2
5	☐			172446.30	0.6907	P	0.7

Excluded



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			28.89	0.0001	P	24.3
2	☐			498.92	0.0019	P	12.2
3	☐			16682.48	0.0634	P	1.2
4	☐			79357.13	0.3113	P	0.2
5	☐			158915.04	0.6365	P	0.6

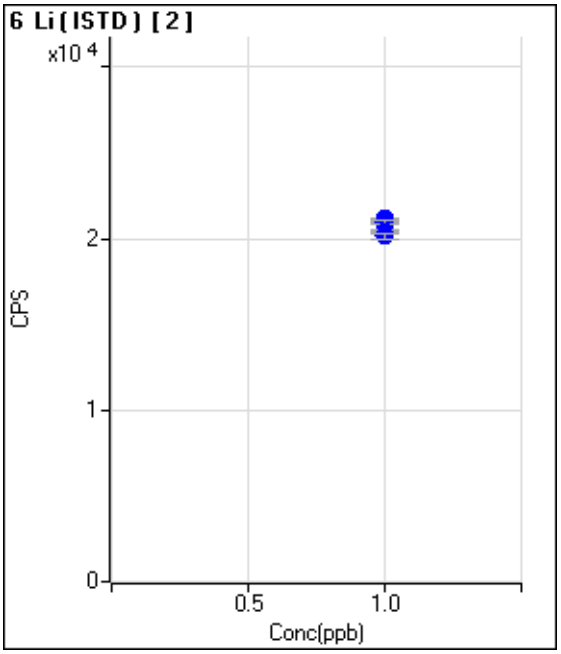
Excluded



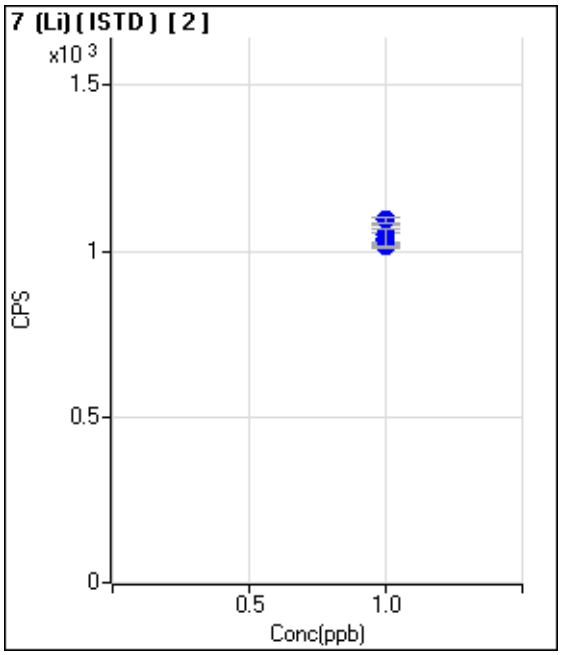
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0004	P	11.4
2	☐	0.300	0.297	2347.94	0.0088	P	4.8
3	☐	10.000	9.984	74542.70	0.2832	P	1.3
4	☐	50.000	49.358	356463.94	1.3985	P	0.5
5	☐	100.000	100.468	710630.89	2.8461	P	0.3

y = 0.0283 * x + 4.0587E-004
R = 1.0000
DL = 0.004926
BEC = 0.01433

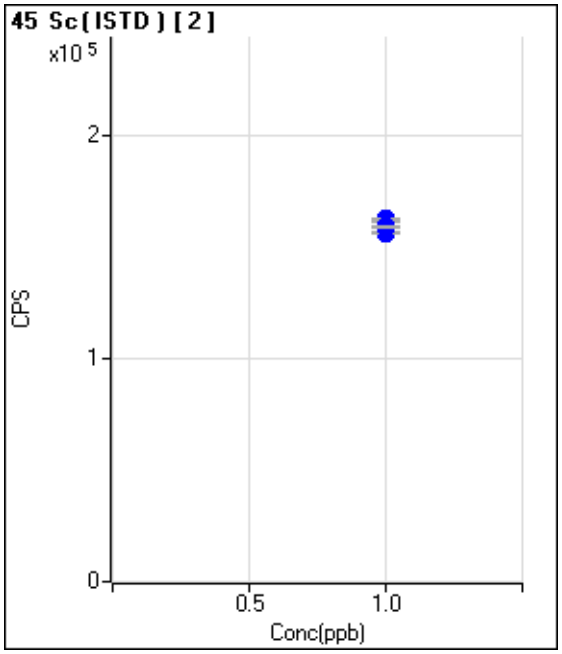
Weight: 1/SD^2
Min Conc: <None>



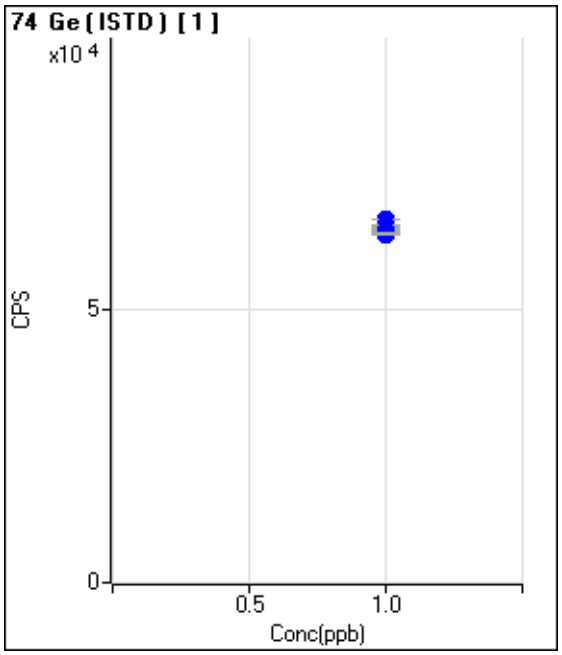
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20978.10		P	0.2
2	☐	1.000		21156.89		P	0.9
3	☐	1.000		20936.61		P	1.0
4	☐	1.000		20455.09		P	0.6
5	☐	1.000		20146.72		P	1.3



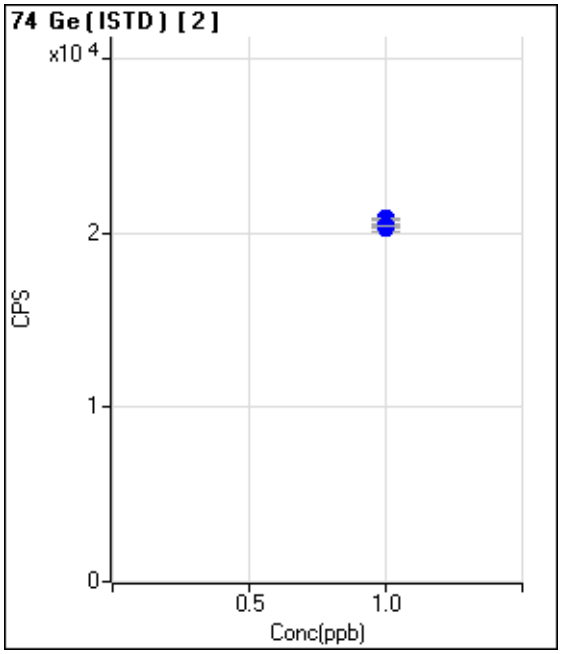
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1031.71		P	4.1
2	☐	1.000		1051.72		P	5.6
3	☐	1.000		1017.27		P	1.9
4	☐	1.000		1039.50		P	4.9
5	☐	1.000		1093.94		P	1.9



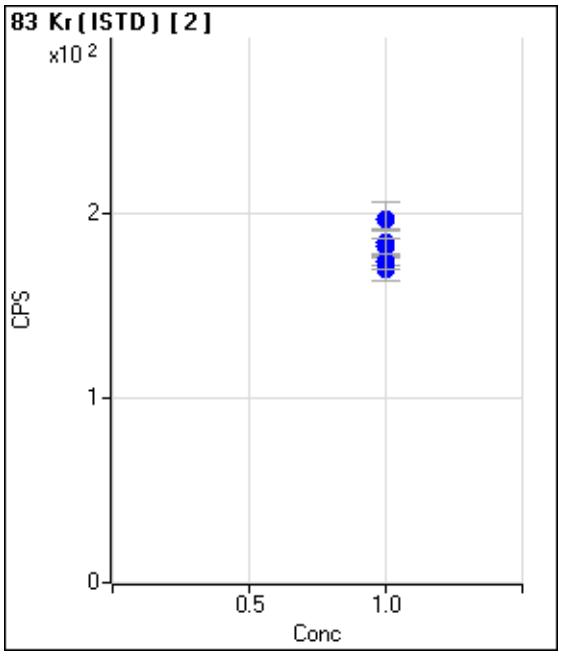
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		156597.36		P	0.5
2	☐	1.000		161662.81		P	0.5
3	☐	1.000		162949.96		P	0.2
4	☐	1.000		159457.23		P	0.6
5	☐	1.000		159300.04		P	0.3



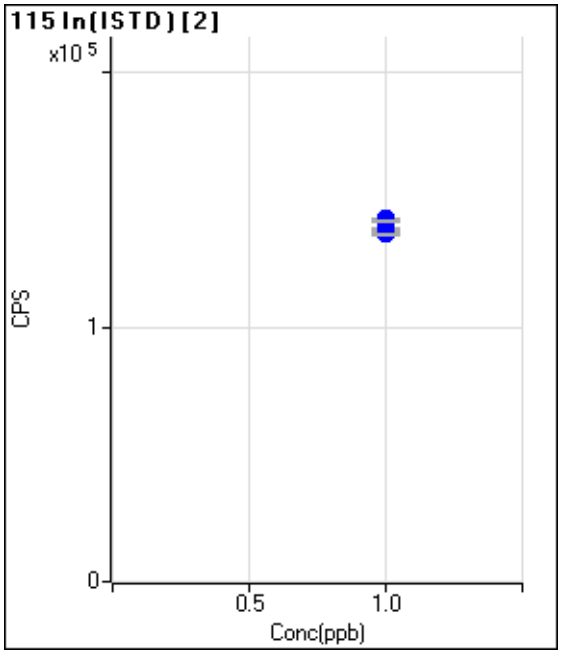
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		64906.71		P	0.2
2	☐	1.000		66382.37		P	0.2
3	☐	1.000		65420.58		P	0.2
4	☐	1.000		64450.82		P	0.2
5	☐	1.000		63827.92		P	0.2



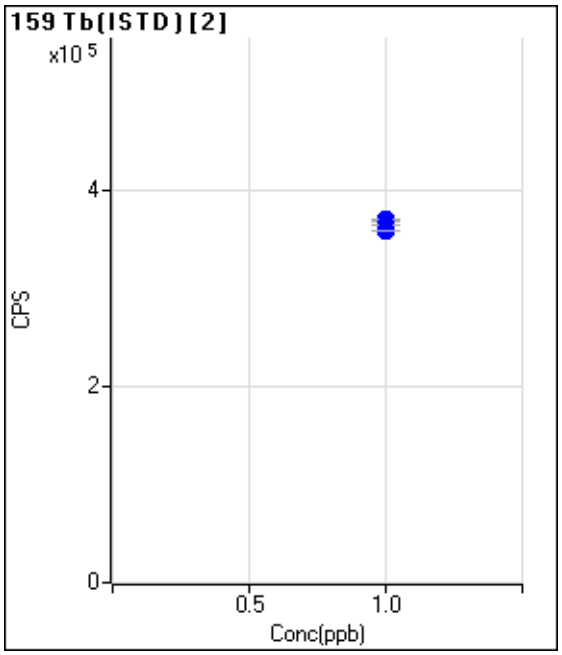
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20238.27		P	1.6
2	☐	1.000		20791.75		P	0.3
3	☐	1.000		20756.72		P	0.5
4	☐	1.000		20373.99		P	0.7
5	☐	1.000		20380.71		P	0.0



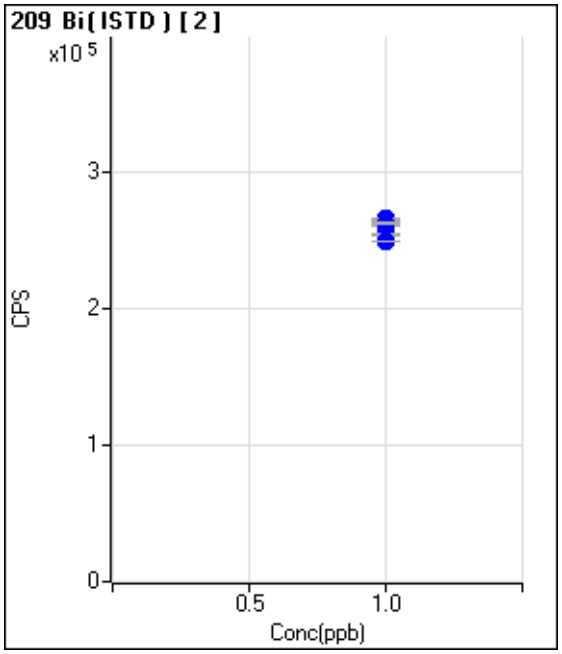
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		184.45		P	7.3
2	☐	1.000		182.23		P	10.7
3	☐	1.000		196.67		P	10.3
4	☐	1.000		170.01		P	7.1
5	☐	1.000		174.45		P	4.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		138467.50		P	0.8
2	☐	1.000		142546.11		P	0.3
3	☐	1.000		141655.75		P	0.4
4	☐	1.000		137332.31		P	0.2
5	☐	1.000		136401.06		P	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		357511.32		P	0.1
2	☐	1.000		369082.65		P	0.8
3	☐	1.000		364098.27		P	0.3
4	☐	1.000		357782.65		P	0.3
5	☐	1.000		357657.57		P	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		261847.43		P	0.4
2	☐	1.000		266300.12		P	0.6
3	☐	1.000		263218.69		P	0.3
4	☐	1.000		254900.41		P	0.3
5	☐	1.000		249681.44		P	0.4

Sample Report

Sample Name	**Rn chk**
Data File Name	**001SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:13:39-04:00**
Type	**Sample**
VialNumber	**2**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

Sample Report

Sample Name	**Rn chk**
Data File Name	**002SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:19:13-04:00**
Type	**Sample**
VialNumber	**2**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

Calibration Blank Report

Sample Name	**Cal Blank**
Data File Name	**003CALB.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:24:44-04:00**
Type	**CalBlk**
VialNumber	**1101**
Dilution	**1**
Comment	
Operator	

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Se	78	74	1	3	31.43
Pb	208	209	2	107	11.27
Tl	205	209	2	36	19.53
Ba	137	159	2	21	55.45
Sb	121	115	2	36	44.32
Sn	118	115	2	42	32.87
Cd	111	115	2	3	100.05
Ag	107	115	2	3	100.05
Mo	95	115	2	28	13.86
Sr	88	115	2	9	21.63
As	75	74	2	14	24.00
Zn	66	45	2	43	35.25
Cu	63	45	2	698	3.36
Ni	60	45	2	19	10.18
Co	59	45	2	28	34.63
Fe	56	45	2	1653	2.79
Mn	55	45	2	81	16.61
Cr	52	45	2	133	9.01
V	51	45	2	272	5.52
Ti	47	45	2	2	86.60
Ca	44	45	2	32	29.40
K	39	45	2	24468	0.95
Al	27	45	2	91	22.87
Mg	24	45	2	84	31.91
Na	23	45	2	11516	3.35
B	11	6	2	62	27.50
Be	9	6	2	2	29.63

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD
Ge	74	1	64907	0.23
Bi	209	2	261847	0.36
Tb	159	2	357511	0.12
In	115	2	138468	0.77
Kr	83	2	184	7.31
Ge	74	2	20238	1.60
Sc	45	2	156597	0.54
Li	6	2	20978	0.16

Calibration Standard Report

Sample Name	**CAL1 3033712**
Data File Name	**004CALS.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:30:17-04:00**
Type	**CalStd**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	2	18	7.57
B	11	6	2	637	3.67
Na	23	45	2	38896	1.37
Mg	24	45	2	13526	2.64
Al	27	45	2	1397	2.32
K	39	45	2	36977	1.93
Ca	44	45	2	586	3.12
Ti	47	45	2	51	20.96
V	51	45	2	1773	1.64
Cr	52	45	2	1796	5.86
Mn	55	45	2	2287	5.22
Fe	56	45	2	47053	0.81
Co	59	45	2	2418	0.56
Ni	60	45	2	703	6.68
Cu	63	45	2	2389	5.30
Zn	66	45	2	1047	5.26
As	75	74	2	97	8.46
Se	78	74	1	60	1.79
Sr	88	115	2	1359	4.34
Mo	95	115	2	756	8.88
Ag	107	115	2	2461	4.79
Cd	111	115	2	166	5.81
Sn	118	115	2	3557	3.34
Sb	121	115	2	608	4.12
Ba	137	159	2	672	3.23
Tl	205	209	2	1153	1.90
(Pb)	206	209	2	592	3.75
(Pb)	207	209	2	499	11.77
Pb	208	209	2	2348	4.41

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	2	21157	0.87	20978	100.9	60	120	
Sc	45	2	161663	0.50	156597	103.2	60	120	
Ge	74	1	66382	0.16	64907	102.3	60	120	
Ge	74	2	20792	0.26	20238	102.7	60	120	
Kr	83	2	182	10.72	184	98.8	-1000	1000	
In	115	2	142546	0.33	138468	102.9	60	120	
Tb	159	2	369083	0.76	357511	103.2	60	120	
Bi	209	2	266300	0.55	261847	101.7	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Calibration Standard Report

Sample Name	**CAL2 3033714**
Data File Name	**005CALS.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:35:48-04:00**
Type	**CalStd**
VialNumber	**1103**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	2	811	1.33
B	11	6	2	632	4.90
Na	23	45	2	532636	0.38
Mg	24	45	2	271616	0.79
Al	27	45	2	12853	2.04
K	39	45	2	257975	0.34
Ca	44	45	2	10328	1.09
Ti	47	45	2	584	0.33
V	51	45	2	14573	1.46
Cr	52	45	2	16881	0.41
Mn	55	45	2	113156	0.51
Fe	56	45	2	1382254	0.12
Co	59	45	2	24487	2.54
Ni	60	45	2	6348	3.19
Cu	63	45	2	17308	2.26
Zn	66	45	2	2595	1.07
As	75	74	2	1625	1.07
Se	78	74	1	1157	1.18
Sr	88	115	2	14171	1.45
Mo	95	115	2	7581	3.40
Ag	107	115	2	24307	1.15
Cd	111	115	2	3846	4.27
Sn	118	115	2	9007	3.56
Sb	121	115	2	10018	2.51
Ba	137	159	2	4734	4.99
Tl	205	209	2	11122	2.67
(Pb)	206	209	2	18254	1.98
(Pb)	207	209	2	16682	0.97
Pb	208	209	2	74543	0.98

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	2	20937	1.01	20978	99.8	60	120	
Sc	45	2	162950	0.25	156597	104.1	60	120	
Ge	74	1	65421	0.20	64907	100.8	60	120	
Ge	74	2	20757	0.54	20238	102.6	60	120	
Kr	83	2	197	10.31	184	106.6	-1000	1000	
In	115	2	141656	0.37	138468	102.3	60	120	
Tb	159	2	364098	0.29	357511	101.8	60	120	
Bi	209	2	263219	0.30	261847	100.5	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Calibration Standard Report

Sample Name	**CAL3 3033716**
Data File Name	**006CALS.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:41:20-04:00**
Type	**CalStd**
VialNumber	**1104**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	2	3896	0.61
B	11	6	2	3015	2.43
Na	23	45	2	2515181	0.44
Mg	24	45	2	1296726	0.87
Al	27	45	2	60851	0.47
K	39	45	2	1130413	0.50
Ca	44	45	2	49528	0.28
Ti	47	45	2	2743	1.76
V	51	45	2	69118	0.75
Cr	52	45	2	79703	0.74
Mn	55	45	2	551578	0.70
Fe	56	45	2	6437696	0.39
Co	59	45	2	116913	0.38
Ni	60	45	2	30375	1.51
Cu	63	45	2	78568	0.62
Zn	66	45	2	11759	2.05
As	75	74	2	7924	0.18
Se	78	74	1	5509	0.39
Sr	88	115	2	67982	0.42
Mo	95	115	2	36708	1.24
Ag	107	115	2	114301	0.64
Cd	111	115	2	17621	0.87
Sn	118	115	2	43997	1.39
Sb	121	115	2	48340	0.48
Ba	137	159	2	21611	1.25
Tl	205	209	2	53536	0.70
(Pb)	206	209	2	86823	0.36
(Pb)	207	209	2	79357	0.10
Pb	208	209	2	356464	0.36

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	2	20455	0.64	20978	97.5	60	120	
Sc	45	2	159457	0.60	156597	101.8	60	120	
Ge	74	1	64451	0.23	64907	99.3	60	120	
Ge	74	2	20374	0.72	20238	100.7	60	120	
Kr	83	2	170	7.07	184	92.2	-1000	1000	
In	115	2	137332	0.23	138468	99.2	60	120	
Tb	159	2	357783	0.31	357511	100.1	60	120	
Bi	209	2	254900	0.26	261847	97.3	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Calibration Standard Report

Sample Name	**CAL4 3033718**
Data File Name	**007CALS.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:46:50-04:00**
Type	**CalStd**
VialNumber	**1105**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	2	7700	0.55
B	11	6	2	6363	3.12
Na	23	45	2	4916931	1.04
Mg	24	45	2	2564423	0.20
Al	27	45	2	121993	0.79
K	39	45	2	2247499	0.45
Ca	44	45	2	99485	0.17
Ti	47	45	2	5478	2.47
V	51	45	2	138192	1.11
Cr	52	45	2	160490	0.61
Mn	55	45	2	1094983	0.25
Fe	56	45	2	12735542	0.87
Co	59	45	2	231264	0.64
Ni	60	45	2	59156	1.20
Cu	63	45	2	155824	0.16
Zn	66	45	2	23873	1.70
As	75	74	2	15477	0.91
Se	78	74	1	10786	0.32
Sr	88	115	2	136980	0.44
Mo	95	115	2	74360	0.50
Ag	107	115	2	225791	0.46
Cd	111	115	2	34710	1.83
Sn	118	115	2	88686	0.49
Sb	121	115	2	96640	0.34
Ba	137	159	2	44411	0.98
Tl	205	209	2	105574	0.66
(Pb)	206	209	2	172446	1.08
(Pb)	207	209	2	158915	0.98
Pb	208	209	2	710631	0.64

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	2	20147	1.32	20978	96.0	60	120	
Sc	45	2	159300	0.35	156597	101.7	60	120	
Ge	74	1	63828	0.21	64907	98.3	60	120	
Ge	74	2	20381	0.05	20238	100.7	60	120	
Kr	83	2	174	4.81	184	94.6	-1000	1000	
In	115	2	136401	0.18	138468	98.5	60	120	
Tb	159	2	357658	0.29	357511	100.0	60	120	
Bi	209	2	249681	0.38	261847	95.4	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Initial Calibration Verification (ICV) - US EPA Method 6020

Sample Name	**ICV 2950172**
Data File Name	**008_ICV.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:52:19-04:00**
Type	**6-ICV**
VialNumber	**1201**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Se	78	74	1	40.78	ug/l	40	102.0	90	110	
Pb	208	209	2	39.44	ug/l	40	98.6	90	110	
Tl	205	209	2	7.88	ug/l	8	98.5	90	110	
Ba	137	159	2	40.07	ug/l	40	100.2	90	110	
Sb	121	115	2	38.47	ug/l	40	96.2	90	110	
Sn	118	115	2	38.96	ug/l	40	97.4	90	110	
Cd	111	115	2	39.31	ug/l	40	98.3	90	110	
Ag	107	115	2	39.86	ug/l	40	99.6	90	110	
Mo	95	115	2	37.92	ug/l	40	94.8	90	110	
Sr	88	115	2	38.60	ug/l	40	96.5	90	110	
As	75	74	2	40.82	ug/l	40	102.0	90	110	
Zn	66	45	2	40.01	ug/l	40	100.0	90	110	
Cu	63	45	2	40.20	ug/l	40	100.5	90	110	
Ni	60	45	2	40.00	ug/l	40	100.0	90	110	
Co	59	45	2	39.82	ug/l	40	99.5	90	110	
Fe	56	45	2	3978.70	ug/l	4000	99.5	90	110	
Mn	55	45	2	395.15	ug/l	400	98.8	90	110	
Cr	52	45	2	40.26	ug/l	40	100.7	90	110	
V	51	45	2	39.80	ug/l	40	99.5	90	110	
Ti	47	45	2	41.54	ug/l	40	103.8	90	110	
Ca	44	45	2	3968.65	ug/l	4000	99.2	90	110	
K	39	45	2	4044.38	ug/l	4000	101.1	90	110	
Al	27	45	2	394.28	ug/l	400	98.6	90	110	
Mg	24	45	2	3962.53	ug/l	4000	99.1	90	110	
Na	23	45	2	4031.45	ug/l	4000	100.8	90	110	
B	11	6	2	77.98	ug/l	80	97.5	90	110	
Be	9	6	2	39.44	ug/l	40	98.6	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	65123	0.61	64907	100.3	60	120	
Bi	209	2	260058	0.66	261847	99.3	60	120	
Tb	159	2	363706	0.33	357511	101.7	60	120	
In	115	2	141363	0.74	138468	102.1	60	120	
Kr	83	2	194	2.62	184	105.4	-1000	1000	
Ge	74	2	20813	1.64	20238	102.8	60	120	
Sc	45	2	162483	0.60	156597	103.8	60	120	
Li	6	2	20851	0.54	20978	99.4	60	120	

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**ICB**
Data File Name	**0096CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T14:57:48-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	0.01	94.33	ug/l	2.83	23.47	0.2	
B	11	6	2	1.59	40.43	ug/l	97.78	18.78	20	
Na	23	45	2	1.38	59.57	ug/l	13073.46	3.70	50	
Mg	24	45	2	0.13	33.85	ug/l	123.34	9.74	50	
Al	27	45	2	-0.02	-77.03	ug/l	95.01	3.04	10	
K	39	45	2	0.25	551.39	ug/l	25286.10	0.51	50	
Ca	44	45	2	-0.73	-44.30	ug/l	28.33	11.77	50	
Ti	47	45	2	-0.04	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	2	-0.05	-52.84	ug/l	221.12	15.40	1	
Cr	52	45	2	0.00	451.76	ug/l	144.45	5.81	1	
Mn	55	45	2	-0.03	-56.07	ug/l	54.45	28.93	2	
Fe	56	45	2	0.03	169.36	ug/l	2002.38	3.22	30	
Co	59	45	2	-0.01	-48.63	ug/l	12.22	68.66	1	
Ni	60	45	2	0.01	33.28	ug/l	25.56	7.55	1	
Cu	63	45	2	-0.26	-10.98	ug/l	348.91	13.25	1	
Zn	66	45	2	-0.12	-10.84	ug/l	33.33	10.01	4	
As	75	74	2	-0.03	-30.45	ug/l	10.00	16.70	0.5	
Se	78	74	1	0.01	52.66	ug/l	4.11	14.27	0.5	
Sr	88	115	2	0.00	74.10	ug/l	13.33	25.01	1	
Mo	95	115	2	0.03	63.57	ug/l	52.22	29.49	1	
Ag	107	115	2	0.00	90.53	ug/l	7.78	49.52	1	
Cd	111	115	2	0.01	78.44	ug/l	5.56	34.70	0.5	
Sn	118	115	2	0.05	20.39	ug/l	80.00	11.02	4	
Sb	121	115	2	0.07	12.97	ug/l	103.34	8.53	0.5	
Ba	137	159	2	-0.04	-28.15	ug/l	8.89	57.30	1	
Tl	205	209	2	0.01	30.68	ug/l	73.34	16.39	0.2	
Pb	208	209	2	0.00	-2425.23	ug/l	103.34	16.76	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20129	1.22	20978	96.0	60	120	
Sc	45	2	158954	0.71	156597	101.5	60	120	
Ge	74	1	62610	0.55	64907	96.5	60	120	
Ge	74	2	20362	1.31	20238	100.6	60	120	
Kr	83	2	209	13.29	184	113.3	-1000	1000	
In	115	2	138660	0.55	138468	100.1	60	120	
Tb	159	2	352139	0.50	357511	98.5	60	120	
Bi	209	2	256343	0.16	261847	97.9	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Quality Control Sample (QCS) - US EPA Method 200.8

Sample Name	**CRI 3033712**
Data File Name	**010QCSR.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:03:21-04:00**
Type	**2-QCS**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Se	78	74	1	0.52	ug/l	0.5	104.1	50	150	
Pb	208	209	2	0.31	ug/l	0.3	102.5	50	150	
Tl	205	209	2	0.19	ug/l	0.2	96.1	50	150	
Ba	137	159	2	1.49	ug/l	1	149.3	50	150	
Sb	121	115	2	0.54	ug/l	0.5	107.3	50	150	
Sn	118	115	2	3.86	ug/l	4	96.4	50	150	
Cd	111	115	2	0.51	ug/l	0.5	101.2	50	150	
Ag	107	115	2	1.05	ug/l	1	104.7	50	150	
Mo	95	115	2	0.87	ug/l	1	87.3	50	150	
Sr	88	115	2	0.98	ug/l	1	97.6	50	150	
As	75	74	2	0.50	ug/l	0.5	100.8	50	150	
Zn	66	45	2	4.07	ug/l	4	101.8	50	150	
Cu	63	45	2	0.80	ug/l	1	79.8	50	150	
Ni	60	45	2	1.00	ug/l	1	99.8	50	150	
Co	59	45	2	1.02	ug/l	1	102.3	50	150	
Fe	56	45	2	33.88	ug/l	30	112.9	50	150	
Mn	55	45	2	2.09	ug/l	2	104.4	50	150	
Cr	52	45	2	0.96	ug/l	1	95.9	50	150	
V	51	45	2	0.97	ug/l	1	97.5	50	150	
Ti	47	45	2	1.04	ug/l	1	103.6	50	150	
Ca	44	45	2	51.46	ug/l	50	102.9	50	150	
K	39	45	2	51.11	ug/l	50	102.2	50	150	
Al	27	45	2	10.32	ug/l	10	103.2	50	150	
Mg	24	45	2	50.80	ug/l	50	101.6	50	150	
Na	23	45	2	56.08	ug/l	50	112.2	50	150	
B	11	6	2	18.53	ug/l	20	92.6	50	150	
Be	9	6	2	0.19	ug/l	0.2	93.4	50	150	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limiy	Upper Limit	QC Flag
Ge	74	1	62499	0.30	64907	96.3	60	120	
Bi	209	2	257047	0.29	261847	98.2	60	120	
Tb	159	2	354663	0.36	357511	99.2	60	120	
In	115	2	139140	0.35	138468	100.5	60	120	
Kr	83	2	229	17.38	184	124.1	-1000	1000	
Ge	74	2	20289	1.15	20238	100.3	60	120	
Sc	45	2	159628	0.97	156597	101.9	60	120	
Li	6	2	20254	1.59	20978	96.5	60	120	

Sample Report

Sample Name	**ICSA 3029132**
Data File Name	**011SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:07:52-04:00**
Type	**Sample**
VialNumber	**1202**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.08	0.08	ug/l	1800	
Pb	208	209	2	0.30	0.30	ug/l	3600	
Tl	205	209	2	0.01	0.01	ug/l	720	
Ba	137	159	2	0.38	0.38	ug/l	3600	
Sb	121	115	2	0.14	0.14	ug/l	3600	
Sn	118	115	2	0.13	0.13	ug/l	3600	
Cd	111	115	2	0.42	0.42	ug/l	3600	
Ag	107	115	2	0.05	0.05	ug/l	180	
Mo	95	115	2	990.56	990.56	ug/l	3600	
Sr	88	115	2	0.99	0.99	ug/l	3600	
As	75	74	2	0.10	0.10	ug/l	1800	
Zn	66	45	2	2.09	2.09	ug/l	900	
Cu	63	45	2	0.44	0.44	ug/l	900	
Ni	60	45	2	0.81	0.81	ug/l	900	
Co	59	45	2	0.04	0.04	ug/l	1800	
Fe	56	45	2	113474.61	113474.61	ug/l	180000	
Mn	55	45	2	0.32	0.32	ug/l	18000	
Cr	52	45	2	1.15	1.15	ug/l	1800	
V	51	45	2	0.02	0.02	ug/l	3600	
Ti	47	45	2	985.07	985.07	ug/l	3600	
Ca	44	45	2	139942.22	139942.22	ug/l	360000	
K	39	45	2	45655.12	45655.12	ug/l	180000	
Al	27	45	2	45112.51	45112.51	ug/l	36000	fail
Mg	24	45	2	44164.77	44164.77	ug/l	180000	
Na	23	45	2	112668.51	112668.51	ug/l	180000	
B	11	6	2	1.69	1.69	ug/l	7200	
Be	9	6	2	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	58813	0.91	64907	90.6	60	120	
Bi	209	2	227591	0.56	261847	86.9	60	120	
Tb	159	2	352827	0.80	357511	98.7	60	120	
In	115	2	130457	0.92	138468	94.2	60	120	
Kr	83	2	209	10.86	184	113.3	-1000	1000	
Ge	74	2	19105	0.99	20238	94.4	60	120	
Sc	45	2	155527	0.47	156597	99.3	60	120	
Li	6	2	18394	0.42	20978	87.7	60	120	

Sample Report

Sample Name	**ICSAB 3029134**
Data File Name	**012SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:13:17-04:00**
Type	**Sample**
VialNumber	**1203**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	93.47	93.47	ug/l	1800	
Pb	208	209	2	0.30	0.30	ug/l	3600	
Tl	205	209	2	0.02	0.02	ug/l	720	
Ba	137	159	2	0.54	0.54	ug/l	3600	
Sb	121	115	2	0.12	0.12	ug/l	3600	
Sn	118	115	2	0.13	0.13	ug/l	3600	
Cd	111	115	2	89.49	89.49	ug/l	3600	
Ag	107	115	2	196.88	196.88	ug/l	180	fail
Mo	95	115	2	974.06	974.06	ug/l	3600	
Sr	88	115	2	0.97	0.97	ug/l	3600	
As	75	74	2	97.88	97.88	ug/l	1800	
Zn	66	45	2	81.47	81.47	ug/l	900	
Cu	63	45	2	174.50	174.50	ug/l	900	
Ni	60	45	2	176.64	176.64	ug/l	900	
Co	59	45	2	182.06	182.06	ug/l	1800	
Fe	56	45	2	112006.77	112006.77	ug/l	180000	
Mn	55	45	2	184.87	184.87	ug/l	18000	
Cr	52	45	2	188.41	188.41	ug/l	1800	
V	51	45	2	190.97	190.97	ug/l	3600	
Ti	47	45	2	954.22	954.22	ug/l	3600	
Ca	44	45	2	138576.22	138576.22	ug/l	360000	
K	39	45	2	45164.59	45164.59	ug/l	180000	
Al	27	45	2	44127.48	44127.48	ug/l	36000	fail
Mg	24	45	2	43458.35	43458.35	ug/l	180000	
Na	23	45	2	111065.45	111065.45	ug/l	180000	
B	11	6	2	1.69	1.69	ug/l	7200	
Be	9	6	2	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	58313	0.76	64907	89.8	60	120	
Bi	209	2	224509	0.32	261847	85.7	60	120	
Tb	159	2	348802	0.38	357511	97.6	60	120	
In	115	2	129155	0.78	138468	93.3	60	120	
Kr	83	2	234	16.60	184	127.1	-1000	1000	
Ge	74	2	19050	1.52	20238	94.1	60	120	
Sc	45	2	153279	1.63	156597	97.9	60	120	
Li	6	2	18159	2.37	20978	86.6	60	120	

Sample Report

Sample Name	**Rn Chk**
Data File Name	**013SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:18:45-04:00**
Type	**Sample**
VialNumber	**2**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.03	0.03	ug/l	1800	
Pb	208	209	2	0.03	0.03	ug/l	3600	
Tl	205	209	2	0.00	0.00	ug/l	720	
Ba	137	159	2	-0.01	-0.01	ug/l	3600	
Sb	121	115	2	0.01	0.01	ug/l	3600	
Sn	118	115	2	0.02	0.02	ug/l	3600	
Cd	111	115	2	0.00	0.00	ug/l	3600	
Ag	107	115	2	0.02	0.02	ug/l	180	
Mo	95	115	2	0.25	0.25	ug/l	3600	
Sr	88	115	2	0.03	0.03	ug/l	3600	
As	75	74	2	0.00	0.00	ug/l	1800	
Zn	66	45	2	-0.06	-0.06	ug/l	900	
Cu	63	45	2	-0.11	-0.11	ug/l	900	
Ni	60	45	2	0.02	0.02	ug/l	900	
Co	59	45	2	0.00	0.00	ug/l	1800	
Fe	56	45	2	8.97	8.97	ug/l	180000	
Mn	55	45	2	0.06	0.06	ug/l	18000	
Cr	52	45	2	0.01	0.01	ug/l	1800	
V	51	45	2	-0.02	-0.02	ug/l	3600	
Ti	47	45	2	-0.02	-0.02	ug/l	3600	
Ca	44	45	2	9.61	9.61	ug/l	360000	
K	39	45	2	1.03	1.03	ug/l	180000	
Al	27	45	2	2.61	2.61	ug/l	36000	
Mg	24	45	2	3.72	3.72	ug/l	180000	
Na	23	45	2	28.45	28.45	ug/l	180000	
B	11	6	2	-0.11	-0.11	ug/l	7200	
Be	9	6	2	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	63905	0.33	64907	98.5	60	120	
Bi	209	2	264404	0.76	261847	101.0	60	120	
Tb	159	2	367584	0.33	357511	102.8	60	120	
In	115	2	144257	1.61	138468	104.2	60	120	
Kr	83	2	237	13.44	184	128.3	-1000	1000	
Ge	74	2	21131	1.43	20238	104.4	60	120	
Sc	45	2	164104	1.03	156597	104.8	60	120	
Li	6	2	19892	1.35	20978	94.8	60	120	

Sample Name	**CCV 3033716**
Data File Name	**0146CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:24:17-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	48.69	0.67	ug/l	3765.21	0.70	50	97.4	90	110	
B	11	6	2	94.10	1.92	ug/l	2923.69	3.08	100	94.1	90	110	
Na	23	45	2	4838.11	0.84	ug/l	2505721.91	1.85	5000	96.8	90	110	
Mg	24	45	2	4775.19	0.87	ug/l	1282897.99	2.45	5000	95.5	90	110	
Al	27	45	2	478.51	0.34	ug/l	60890.92	1.33	500	95.7	90	110	
K	39	45	2	4868.04	0.60	ug/l	1152568.45	2.15	5000	97.4	90	110	
Ca	44	45	2	4846.99	0.75	ug/l	50213.57	0.92	5000	96.9	90	110	
Ti	47	45	2	46.73	1.58	ug/l	2672.53	2.42	50	93.5	90	110	
V	51	45	2	48.14	1.17	ug/l	69394.62	1.31	50	96.3	90	110	
Cr	52	45	2	48.55	1.37	ug/l	80842.02	1.08	50	97.1	90	110	
Mn	55	45	2	480.03	1.07	ug/l	549755.75	1.19	500	96.0	90	110	
Fe	56	45	2	4794.76	0.76	ug/l	6406104.56	1.06	5000	95.9	90	110	
Co	59	45	2	48.05	0.34	ug/l	116388.69	1.26	50	96.1	90	110	
Ni	60	45	2	47.60	0.74	ug/l	29821.06	0.88	50	95.2	90	110	
Cu	63	45	2	48.39	0.17	ug/l	79228.89	1.74	50	96.8	90	110	
Zn	66	45	2	47.60	2.64	ug/l	11834.83	3.20	50	95.2	90	110	
As	75	74	2	48.42	2.61	ug/l	7849.86	1.69	50	96.8	90	110	
Se	78	74	1	49.22	0.81	ug/l	5423.00	0.39	50	98.4	90	110	
Sr	88	115	2	48.23	1.57	ug/l	68502.61	1.30	50	96.5	90	110	
Mo	95	115	2	47.26	0.77	ug/l	36590.78	0.93	50	94.5	90	110	
Ag	107	115	2	47.88	0.75	ug/l	113737.12	0.54	50	95.8	90	110	
Cd	111	115	2	48.67	1.12	ug/l	17746.45	0.84	50	97.3	90	110	
Sn	118	115	2	47.97	1.84	ug/l	44284.22	1.54	50	95.9	90	110	
Sb	121	115	2	47.99	1.99	ug/l	48335.72	1.78	50	96.0	90	110	
Ba	137	159	2	48.89	0.68	ug/l	22135.84	1.05	50	97.8	90	110	
Tl	205	209	2	9.50	0.70	ug/l	52210.53	0.96	10	95.0	90	110	
Pb	208	209	2	48.03	0.55	ug/l	354034.76	0.22	50	96.1	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20237	1.37	20978	96.5	60	120	
Sc	45	2	165967	1.58	156597	106.0	60	120	
Ge	74	1	64886	0.42	64907	100.0	60	120	
Ge	74	2	21149	2.40	20238	104.5	60	120	
Kr	83	2	233	17.38	184	126.5	-1000	1000	
In	115	2	142412	0.29	138468	102.8	60	120	
Tb	159	2	366124	0.69	357511	102.4	60	120	
Bi	209	2	260179	0.44	261847	99.4	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0156CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:29:46-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	0.00	145.64	ug/l	2.39	14.57	0.2	
B	11	6	2	0.38	155.43	ug/l	61.11	30.04	20	
Na	23	45	2	8.22	7.35	ug/l	16879.21	1.93	50	
Mg	24	45	2	0.41	7.89	ug/l	201.12	2.53	50	
Al	27	45	2	-0.14	-82.53	ug/l	83.34	15.88	10	
K	39	45	2	3.69	37.95	ug/l	26738.41	0.86	50	
Ca	44	45	2	-0.09	-403.14	ug/l	35.56	9.75	50	
Ti	47	45	2	0.00	3131.11	ug/l	2.22	173.21	1	
V	51	45	2	-0.05	-39.74	ug/l	226.68	10.29	1	
Cr	52	45	2	0.00	197.16	ug/l	153.34	7.53	1	
Mn	55	45	2	-0.04	-14.89	ug/l	34.45	20.14	2	
Fe	56	45	2	0.77	11.72	ug/l	3035.34	2.40	30	
Co	59	45	2	-0.01	-48.19	ug/l	16.67	39.99	1	
Ni	60	45	2	0.01	30.50	ug/l	27.78	6.92	1	
Cu	63	45	2	-0.20	-12.66	ug/l	442.24	8.30	1	
Zn	66	45	2	-0.13	-12.63	ug/l	33.33	10.01	4	
As	75	74	2	-0.02	-88.88	ug/l	12.78	19.92	0.5	
Se	78	74	1	0.02	32.86	ug/l	5.28	14.24	0.5	
Sr	88	115	2	0.00	-136.79	ug/l	6.67	50.03	1	
Mo	95	115	2	0.05	70.00	ug/l	68.89	40.58	1	
Ag	107	115	2	0.00	46.54	ug/l	7.78	24.71	1	
Cd	111	115	2	0.00	-191.94	ug/l	2.22	86.60	0.5	
Sn	118	115	2	0.02	46.08	ug/l	55.56	12.49	4	
Sb	121	115	2	0.03	16.33	ug/l	67.78	7.51	0.5	
Ba	137	159	2	-0.05	-31.08	ug/l	6.67	99.98	1	
Tl	205	209	2	0.00	96.81	ug/l	48.89	28.39	0.2	
Pb	208	209	2	0.00	37.78	ug/l	123.34	5.41	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20101	1.05	20978	95.8	60	120	
Sc	45	2	163171	1.80	156597	104.2	60	120	
Ge	74	1	63980	0.64	64907	98.6	60	120	
Ge	74	2	20882	1.94	20238	103.2	60	120	
Kr	83	2	211	9.11	184	114.5	-1000	1000	
In	115	2	143236	0.94	138468	103.4	60	120	
Tb	159	2	361992	0.83	357511	101.3	60	120	
Bi	209	2	260430	0.28	261847	99.5	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**MB 460-231838/1-A@5**
Data File Name	**0166CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:35:18-04:00**
Type	**6-CCB**
VialNumber	**2101**
Dilution	**20**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-754.73	ug/l	1.50	19.29	0.2	
B	11	6	2	-0.23	-3652.31	ug/l	43.33	27.73	20	
Na	23	45	2	5.80	224.77	ug/l	16244.10	2.97	50	
Mg	24	45	2	0.38	109.21	ug/l	200.01	3.33	50	
Al	27	45	2	0.19	1292.63	ug/l	128.34	11.09	10	
K	39	45	2	-0.83	-3799.78	ug/l	26673.97	0.34	50	
Ca	44	45	2	1.78	1098.64	ug/l	56.67	18.37	50	
Ti	47	45	2	0.00	56408.14	ug/l	2.22	86.60	1	
V	51	45	2	-0.04	-756.24	ug/l	247.79	7.88	1	
Cr	52	45	2	-0.01	-2910.08	ug/l	141.11	9.84	1	
Mn	55	45	2	-0.05	-519.05	ug/l	23.33	71.42	2	
Fe	56	45	2	0.40	326.62	ug/l	2647.49	2.71	30	
Co	59	45	2	-0.01	-278.60	ug/l	6.67	50.03	1	
Ni	60	45	2	0.01	1733.10	ug/l	28.89	24.03	1	
Cu	63	45	2	-0.26	-58.48	ug/l	366.68	2.41	1	
Zn	66	45	2	-0.09	-2321.77	ug/l	43.33	61.07	4	
As	75	74	2	-0.04	-1722.27	ug/l	10.00	50.00	0.5	
Se	78	74	1	0.02	1344.57	ug/l	4.94	24.35	0.5	
Sr	88	115	2	0.00	69.89	ug/l	13.33	0.00	1	
Mo	95	115	2	0.02	724.38	ug/l	46.67	12.37	1	
Ag	107	115	2	0.00	3935.40	ug/l	6.67	86.60	1	
Cd	111	115	2	0.00	8992.28	ug/l	4.44	114.60	0.5	
Sn	118	115	2	0.01	1036.19	ug/l	53.34	12.50	4	
Sb	121	115	2	-0.01	-3115.10	ug/l	34.45	31.11	0.5	
Ba	137	159	2	-0.05	-165.10	ug/l	5.56	34.70	1	
Tl	205	209	2	0.00	-4090.00	ug/l	34.44	5.60	0.2	
Pb	208	209	2	0.00	-8699.69	ug/l	103.34	22.58	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20588	3.13	20978	98.1	60	120	
Sc	45	2	169280	1.09	156597	108.1	60	120	
Ge	74	1	65196	0.64	64907	100.4	60	120	
Ge	74	2	21355	1.34	20238	105.5	60	120	
Kr	83	2	257	9.36	184	139.2	-1000	1000	
In	115	2	147349	1.04	138468	106.4	60	120	
Tb	159	2	371760	0.70	357511	104.0	60	120	
Bi	209	2	267621	0.75	261847	102.2	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Sample Report

Sample Name	**LCS 460-231838/2-A@5**
Data File Name	**017SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:40:48-04:00**
Type	**Sample**
VialNumber	**2102**
Dilution	**100**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.75	974.72	ug/l	1800	
Pb	208	209	2	4.61	461.45	ug/l	3600	
Tl	205	209	2	3.63	363.38	ug/l	720	
Ba	137	159	2	9.46	945.87	ug/l	3600	
Sb	121	115	2	4.66	465.87	ug/l	3600	
Sn	118	115	2	9.25	925.12	ug/l	3600	
Cd	111	115	2	4.77	476.79	ug/l	3600	
Ag	107	115	2	4.72	472.13	ug/l	180	
Mo	95	115	2	9.14	914.00	ug/l	3600	
Sr	88	115	2	9.26	925.73	ug/l	3600	
As	75	74	2	9.89	989.35	ug/l	1800	
Zn	66	45	2	47.12	4711.95	ug/l	900	
Cu	63	45	2	9.20	919.95	ug/l	900	
Ni	60	45	2	9.44	943.94	ug/l	900	
Co	59	45	2	4.73	473.18	ug/l	1800	
Fe	56	45	2	525.75	52574.78	ug/l	180000	
Mn	55	45	2	47.03	4702.51	ug/l	18000	
Cr	52	45	2	9.29	928.76	ug/l	1800	
V	51	45	2	9.35	935.29	ug/l	3600	
Ti	47	45	2	9.77	976.66	ug/l	3600	
Ca	44	45	2	479.62	47962.02	ug/l	360000	
K	39	45	2	489.19	48918.70	ug/l	180000	
Al	27	45	2	469.01	46900.95	ug/l	36000	
Mg	24	45	2	479.78	47978.47	ug/l	180000	
Na	23	45	2	487.95	48795.21	ug/l	180000	
B	11	6	2	91.64	9163.87	ug/l	7200	
Be	9	6	2	4.79	478.75	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	64117	0.40	64907	98.8	60	120	
Bi	209	2	259372	0.88	261847	99.1	60	120	
Tb	159	2	359268	1.29	357511	100.5	60	120	
In	115	2	141768	1.44	138468	102.4	60	120	
Kr	83	2	224	10.54	184	121.7	-1000	1000	
Ge	74	2	20965	0.46	20238	103.6	60	120	
Sc	45	2	163505	1.83	156597	104.4	60	120	
Li	6	2	19981	1.04	20978	95.2	60	120	

Sample Report

Sample Name	**pds 460-78073-N-2-A@5**
Data File Name	**018SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:46:20-04:00**
Type	**Sample**
VialNumber	**2103**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.88	49.41	ug/l	1800	
Pb	208	209	2	30.38	151.90	ug/l	3600	
Tl	205	209	2	3.72	18.61	ug/l	720	
Ba	137	159	2	132.38	661.92	ug/l	3600	
Sb	121	115	2	4.80	24.00	ug/l	3600	
Sn	118	115	2	10.04	50.19	ug/l	3600	
Cd	111	115	2	4.78	23.89	ug/l	3600	
Ag	107	115	2	4.38	21.89	ug/l	180	
Mo	95	115	2	10.62	53.12	ug/l	3600	
Sr	88	115	2	120.88	604.42	ug/l	3600	
As	75	74	2	11.99	59.96	ug/l	1800	
Zn	66	45	2	75.31	376.54	ug/l	900	
Cu	63	45	2	28.91	144.56	ug/l	900	
Ni	60	45	2	38.05	190.27	ug/l	900	
Co	59	45	2	11.53	57.65	ug/l	1800	
Fe	56	45	2	9709.58	48547.90	ug/l	180000	
Mn	55	45	2	540.44	2702.22	ug/l	18000	
Cr	52	45	2	27.20	135.98	ug/l	1800	
V	51	45	2	26.84	134.19	ug/l	3600	
Ti	47	45	2	273.05	1365.23	ug/l	3600	
Ca	44	45	2	31486.92	157434.58	ug/l	360000	
K	39	45	2	6977.32	34886.62	ug/l	180000	
Al	27	45	2	8138.63	40693.14	ug/l	36000	
Mg	24	45	2	14223.98	71119.90	ug/l	180000	
Na	23	45	2	36159.71	180798.56	ug/l	180000	
B	11	6	2	139.76	698.79	ug/l	7200	
Be	9	6	2	5.06	25.31	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	64665	0.57	64907	99.6	60	120	
Bi	209	2	244403	0.55	261847	93.3	60	120	
Tb	159	2	363361	0.74	357511	101.6	60	120	
In	115	2	136932	0.90	138468	98.9	60	120	
Kr	83	2	223	13.01	184	121.1	-1000	1000	
Ge	74	2	20821	1.49	20238	102.9	60	120	
Sc	45	2	165695	1.56	156597	105.8	60	120	
Li	6	2	19887	2.29	20978	94.8	60	120	

Sample Report

Sample Name	**460-78073-N-2-C MS@5**
Data File Name	**019SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:51:49-04:00**
Type	**Sample**
VialNumber	**2104**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.39	46.96	ug/l	1800	
Pb	208	209	2	29.30	146.49	ug/l	3600	
Tl	205	209	2	3.78	18.89	ug/l	720	
Ba	137	159	2	117.12	585.60	ug/l	3600	
Sb	121	115	2	3.37	16.86	ug/l	3600	
Sn	118	115	2	9.81	49.03	ug/l	3600	
Cd	111	115	2	5.06	25.32	ug/l	3600	
Ag	107	115	2	4.54	22.68	ug/l	180	
Mo	95	115	2	10.42	52.09	ug/l	3600	
Sr	88	115	2	119.15	595.77	ug/l	3600	
As	75	74	2	12.05	60.25	ug/l	1800	
Zn	66	45	2	72.46	362.28	ug/l	900	
Cu	63	45	2	27.68	138.42	ug/l	900	
Ni	60	45	2	33.47	167.35	ug/l	900	
Co	59	45	2	10.84	54.21	ug/l	1800	
Fe	56	45	2	8277.53	41387.65	ug/l	180000	
Mn	55	45	2	523.64	2618.18	ug/l	18000	
Cr	52	45	2	24.57	122.86	ug/l	1800	
V	51	45	2	24.51	122.57	ug/l	3600	
Ti	47	45	2	223.81	1119.04	ug/l	3600	
Ca	44	45	2	31257.65	156288.23	ug/l	360000	
K	39	45	2	6522.28	32611.42	ug/l	180000	
Al	27	45	2	6734.74	33673.69	ug/l	36000	
Mg	24	45	2	13680.76	68403.81	ug/l	180000	
Na	23	45	2	36113.43	180567.15	ug/l	180000	
B	11	6	2	135.64	678.21	ug/l	7200	
Be	9	6	2	5.01	25.04	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	65753	0.77	64907	101.3	60	120	
Bi	209	2	246537	0.59	261847	94.2	60	120	
Tb	159	2	364843	1.21	357511	102.1	60	120	
In	115	2	138435	1.41	138468	100.0	60	120	
Kr	83	2	244	6.86	184	132.5	-1000	1000	
Ge	74	2	21037	1.57	20238	103.9	60	120	
Sc	45	2	167654	1.95	156597	107.1	60	120	
Li	6	2	20120	1.23	20978	95.9	60	120	

Sample Report

Sample Name	**460-78073-N-2-B DU@5**
Data File Name	**020SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T15:57:18-04:00**
Type	**Sample**
VialNumber	**2105**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.25	6.23	ug/l	1800	
Pb	208	209	2	25.54	127.70	ug/l	3600	
Tl	205	209	2	0.12	0.59	ug/l	720	
Ba	137	159	2	119.97	599.84	ug/l	3600	
Sb	121	115	2	0.18	0.89	ug/l	3600	
Sn	118	115	2	1.03	5.13	ug/l	3600	
Cd	111	115	2	0.32	1.61	ug/l	3600	
Ag	107	115	2	0.08	0.41	ug/l	180	
Mo	95	115	2	1.68	8.39	ug/l	3600	
Sr	88	115	2	108.16	540.78	ug/l	3600	
As	75	74	2	3.00	15.00	ug/l	1800	
Zn	66	45	2	35.12	175.58	ug/l	900	
Cu	63	45	2	20.12	100.60	ug/l	900	
Ni	60	45	2	29.02	145.09	ug/l	900	
Co	59	45	2	7.05	35.26	ug/l	1800	
Fe	56	45	2	9053.84	45269.21	ug/l	180000	
Mn	55	45	2	485.35	2426.76	ug/l	18000	
Cr	52	45	2	18.00	90.02	ug/l	1800	
V	51	45	2	17.47	87.33	ug/l	3600	
Ti	47	45	2	258.91	1294.57	ug/l	3600	
Ca	44	45	2	30251.74	151258.68	ug/l	360000	
K	39	45	2	6319.87	31599.34	ug/l	180000	
Al	27	45	2	7510.29	37551.46	ug/l	36000	
Mg	24	45	2	13480.06	67400.30	ug/l	180000	
Na	23	45	2	34723.92	173619.59	ug/l	180000	
B	11	6	2	44.44	222.22	ug/l	7200	
Be	9	6	2	0.50	2.51	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	66942	0.65	64907	103.1	60	120	
Bi	209	2	253038	0.51	261847	96.6	60	120	
Tb	159	2	378589	1.14	357511	105.9	60	120	
In	115	2	143361	1.19	138468	103.5	60	120	
Kr	83	2	232	5.97	184	125.9	-1000	1000	
Ge	74	2	21495	0.52	20238	106.2	60	120	
Sc	45	2	173627	1.59	156597	110.9	60	120	
Li	6	2	20566	0.63	20978	98.0	60	120	

Sample Report

Sample Name	**460-78073-N-2-A@5**
Data File Name	**021SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:02:46-04:00**
Type	**Sample**
VialNumber	**2106**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.29	6.45	ug/l	1800	
Pb	208	209	2	26.13	130.65	ug/l	3600	
Tl	205	209	2	0.12	0.59	ug/l	720	
Ba	137	159	2	124.01	620.03	ug/l	3600	
Sb	121	115	2	0.14	0.69	ug/l	3600	
Sn	118	115	2	1.03	5.15	ug/l	3600	
Cd	111	115	2	0.33	1.64	ug/l	3600	
Ag	107	115	2	0.09	0.43	ug/l	180	
Mo	95	115	2	1.74	8.68	ug/l	3600	
Sr	88	115	2	112.47	562.37	ug/l	3600	
As	75	74	2	2.87	14.35	ug/l	1800	
Zn	66	45	2	36.06	180.29	ug/l	900	
Cu	63	45	2	21.01	105.06	ug/l	900	
Ni	60	45	2	30.54	152.71	ug/l	900	
Co	59	45	2	7.55	37.75	ug/l	1800	
Fe	56	45	2	9451.20	47255.99	ug/l	180000	
Mn	55	45	2	505.78	2528.91	ug/l	18000	
Cr	52	45	2	18.88	94.40	ug/l	1800	
V	51	45	2	18.28	91.38	ug/l	3600	
Ti	47	45	2	267.19	1335.93	ug/l	3600	
Ca	44	45	2	31422.61	157113.03	ug/l	360000	
K	39	45	2	6558.13	32790.63	ug/l	180000	
Al	27	45	2	7848.93	39244.67	ug/l	36000	
Mg	24	45	2	14062.69	70313.43	ug/l	180000	
Na	23	45	2	36186.04	180930.19	ug/l	180000	
B	11	6	2	48.76	243.78	ug/l	7200	
Be	9	6	2	0.53	2.66	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	65855	0.43	64907	101.5	60	120	
Bi	209	2	248296	1.37	261847	94.8	60	120	
Tb	159	2	366407	0.96	357511	102.5	60	120	
In	115	2	139339	1.41	138468	100.6	60	120	
Kr	83	2	276	15.55	184	149.4	-1000	1000	
Ge	74	2	21176	1.84	20238	104.6	60	120	
Sc	45	2	167894	1.87	156597	107.2	60	120	
Li	6	2	20129	3.15	20978	96.0	60	120	

Sample Report

Sample Name	**sd 460-78073-N-2-A@25**
Data File Name	**022SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:08:13-04:00**
Type	**Sample**
VialNumber	**2107**
Dilution	**25**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.27	6.67	ug/l	1800	
Pb	208	209	2	5.04	125.91	ug/l	3600	
Tl	205	209	2	0.02	0.51	ug/l	720	
Ba	137	159	2	24.73	618.36	ug/l	3600	
Sb	121	115	2	0.03	0.63	ug/l	3600	
Sn	118	115	2	0.20	5.04	ug/l	3600	
Cd	111	115	2	0.07	1.85	ug/l	3600	
Ag	107	115	2	0.02	0.44	ug/l	180	
Mo	95	115	2	0.30	7.57	ug/l	3600	
Sr	88	115	2	21.86	546.45	ug/l	3600	
As	75	74	2	0.57	14.16	ug/l	1800	
Zn	66	45	2	7.97	199.29	ug/l	900	
Cu	63	45	2	4.30	107.50	ug/l	900	
Ni	60	45	2	6.32	157.99	ug/l	900	
Co	59	45	2	1.49	37.28	ug/l	1800	
Fe	56	45	2	1969.19	49229.77	ug/l	180000	
Mn	55	45	2	100.68	2516.89	ug/l	18000	
Cr	52	45	2	3.71	92.65	ug/l	1800	
V	51	45	2	3.66	91.53	ug/l	3600	
Ti	47	45	2	54.33	1358.19	ug/l	3600	
Ca	44	45	2	6272.53	156813.31	ug/l	360000	
K	39	45	2	1324.53	33113.34	ug/l	180000	
Al	27	45	2	1560.91	39022.76	ug/l	36000	
Mg	24	45	2	2900.49	72512.24	ug/l	180000	
Na	23	45	2	7392.34	184808.55	ug/l	180000	
B	11	6	2	9.80	244.92	ug/l	7200	
Be	9	6	2	0.10	2.43	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	66553	0.34	64907	102.5	60	120	
Bi	209	2	266664	0.80	261847	101.8	60	120	
Tb	159	2	377849	0.95	357511	105.7	60	120	
In	115	2	147006	1.32	138468	106.2	60	120	
Kr	83	2	272	16.26	184	147.6	-1000	1000	
Ge	74	2	21753	1.16	20238	107.5	60	120	
Sc	45	2	171588	2.20	156597	109.6	60	120	
Li	6	2	20748	3.52	20978	98.9	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0236CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:13:43-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	48.93	1.54	ug/l	3743.48	2.94	50	97.9	90	110	
B	11	6	2	96.16	0.83	ug/l	2954.82	3.89	100	96.2	90	110	
Na	23	45	2	4792.29	1.09	ug/l	2481372.45	2.84	5000	95.8	90	110	
Mg	24	45	2	4696.52	0.83	ug/l	1261272.40	2.72	5000	93.9	90	110	
Al	27	45	2	475.66	0.84	ug/l	60512.42	2.73	500	95.1	90	110	
K	39	45	2	4876.49	1.55	ug/l	1154146.28	3.14	5000	97.5	90	110	
Ca	44	45	2	4850.99	0.73	ug/l	50234.15	1.23	5000	97.0	90	110	
Ti	47	45	2	46.95	2.87	ug/l	2684.76	4.49	50	93.9	90	110	
V	51	45	2	47.82	0.82	ug/l	68910.45	2.13	50	95.6	90	110	
Cr	52	45	2	47.88	0.66	ug/l	79688.62	1.63	50	95.8	90	110	
Mn	55	45	2	479.55	0.15	ug/l	549015.59	1.85	500	95.9	90	110	
Fe	56	45	2	4779.93	0.33	ug/l	6384014.84	1.76	5000	95.6	90	110	
Co	59	45	2	47.56	0.20	ug/l	115161.28	1.93	50	95.1	90	110	
Ni	60	45	2	47.28	0.88	ug/l	29607.25	1.11	50	94.6	90	110	
Cu	63	45	2	48.45	0.51	ug/l	79298.02	2.02	50	96.9	90	110	
Zn	66	45	2	47.14	1.06	ug/l	11716.92	1.87	50	94.3	90	110	
As	75	74	2	48.29	1.35	ug/l	7789.27	3.07	50	96.6	90	110	
Se	78	74	1	49.00	0.56	ug/l	5362.58	0.88	50	98.0	90	110	
Sr	88	115	2	48.23	0.32	ug/l	68577.50	1.00	50	96.5	90	110	
Mo	95	115	2	46.71	2.01	ug/l	36206.62	2.40	50	93.4	90	110	
Ag	107	115	2	47.48	0.82	ug/l	112913.87	1.52	50	95.0	90	110	
Cd	111	115	2	47.86	2.79	ug/l	17475.00	3.59	50	95.7	90	110	
Sn	118	115	2	47.54	1.17	ug/l	43943.31	1.86	50	95.1	90	110	
Sb	121	115	2	47.98	0.98	ug/l	48386.95	1.46	50	96.0	90	110	
Ba	137	159	2	48.85	0.88	ug/l	22092.42	1.24	50	97.7	90	110	
Tl	205	209	2	9.46	0.24	ug/l	51571.63	0.61	10	94.6	90	110	
Pb	208	209	2	48.16	0.37	ug/l	351989.97	0.96	50	96.3	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20022	3.54	20978	95.4	60	120	
Sc	45	2	165900	1.90	156597	105.9	60	120	
Ge	74	1	64454	0.39	64907	99.3	60	120	
Ge	74	2	21035	1.74	20238	103.9	60	120	
Kr	83	2	307	6.61	184	166.3	-1000	1000	
In	115	2	142575	0.90	138468	103.0	60	120	
Tb	159	2	365649	0.63	357511	102.3	60	120	
Bi	209	2	257977	0.60	261847	98.5	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0246CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:19:11-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-44.20	ug/l	1.55	16.37	0.2	
B	11	6	2	1.29	18.58	ug/l	87.78	9.56	20	
Na	23	45	2	3.55	2.54	ug/l	14515.81	2.14	50	
Mg	24	45	2	0.80	30.77	ug/l	303.35	19.53	50	
Al	27	45	2	-0.16	-83.27	ug/l	81.11	21.38	10	
K	39	45	2	-1.25	-96.48	ug/l	25613.33	1.26	50	
Ca	44	45	2	-1.06	-81.21	ug/l	25.56	32.17	50	
Ti	47	45	2	-0.04	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	2	0.00	1120.72	ug/l	301.13	20.90	1	
Cr	52	45	2	-0.01	-93.87	ug/l	124.45	14.75	1	
Mn	55	45	2	-0.04	-57.40	ug/l	43.34	53.85	2	
Fe	56	45	2	0.29	19.71	ug/l	2402.99	4.85	30	
Co	59	45	2	-0.01	-32.12	ug/l	10.00	66.70	1	
Ni	60	45	2	0.00	623.87	ug/l	21.11	39.75	1	
Cu	63	45	2	-0.14	-11.93	ug/l	541.14	4.19	1	
Zn	66	45	2	-0.13	-13.81	ug/l	32.22	15.80	4	
As	75	74	2	-0.04	-40.98	ug/l	9.45	26.95	0.5	
Se	78	74	1	0.02	43.33	ug/l	5.11	17.92	0.5	
Sr	88	115	2	0.00	-57.71	ug/l	3.33	100.05	1	
Mo	95	115	2	0.00	-227.06	ug/l	27.78	6.92	1	
Ag	107	115	2	0.00	267.28	ug/l	5.56	91.64	1	
Cd	111	115	2	0.00	324.80	ug/l	4.45	86.60	0.5	
Sn	118	115	2	0.02	102.37	ug/l	63.34	36.84	4	
Sb	121	115	2	0.01	43.15	ug/l	51.12	7.53	0.5	
Ba	137	159	2	-0.05	-24.62	ug/l	7.78	65.47	1	
Tl	205	209	2	0.00	-233.55	ug/l	27.78	59.19	0.2	
Pb	208	209	2	0.00	144.10	ug/l	124.45	20.10	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	19914	2.26	20978	94.9	60	120	
Sc	45	2	163159	2.09	156597	104.2	60	120	
Ge	74	1	62816	0.24	64907	96.8	60	120	
Ge	74	2	20832	1.33	20238	102.9	60	120	
Kr	83	2	323	6.76	184	175.3	-1000	1000	
In	115	2	143877	1.55	138468	103.9	60	120	
Tb	159	2	362710	1.48	357511	101.5	60	120	
Bi	209	2	260942	1.52	261847	99.7	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Sample Report

Sample Name	**460-78044-H-8-A@5**
Data File Name	**025SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:24:42-04:00**
Type	**Sample**
VialNumber	**2108**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	2.55	12.76	ug/l	1800	
Pb	208	209	2	229.19	1145.95	ug/l	3600	
Tl	205	209	2	0.28	1.41	ug/l	720	
Ba	137	159	2	143.74	718.71	ug/l	3600	
Sb	121	115	2	1.15	5.74	ug/l	3600	
Sn	118	115	2	18.31	91.56	ug/l	3600	
Cd	111	115	2	0.53	2.67	ug/l	3600	
Ag	107	115	2	0.64	3.20	ug/l	180	
Mo	95	115	2	9.00	45.01	ug/l	3600	
Sr	88	115	2	254.59	1272.93	ug/l	3600	
As	75	74	2	59.73	298.65	ug/l	1800	
Zn	66	45	2	228.89	1144.46	ug/l	900	
Cu	63	45	2	76.00	379.99	ug/l	900	
Ni	60	45	2	52.25	261.25	ug/l	900	
Co	59	45	2	14.48	72.41	ug/l	1800	
Fe	56	45	2	31511.02	157555.09	ug/l	180000	
Mn	55	45	2	2833.34	14166.69	ug/l	18000	
Cr	52	45	2	45.61	228.05	ug/l	1800	
V	51	45	2	33.80	168.99	ug/l	3600	
Ti	47	45	2	440.57	2202.86	ug/l	3600	
Ca	44	45	2	40037.67	200188.33	ug/l	360000	
K	39	45	2	10356.48	51782.38	ug/l	180000	
Al	27	45	2	13703.25	68516.25	ug/l	36000	
Mg	24	45	2	18678.25	93391.26	ug/l	180000	
Na	23	45	2	113963.50	569817.52	ug/l	180000	
B	11	6	2	124.81	624.06	ug/l	7200	
Be	9	6	2	0.88	4.39	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	62003	0.39	64907	95.5	60	120	
Bi	209	2	230744	0.81	261847	88.1	60	120	
Tb	159	2	353504	1.03	357511	98.9	60	120	
In	115	2	131336	1.36	138468	94.8	60	120	
Kr	83	2	357	6.74	184	193.4	-1000	1000	
Ge	74	2	20238	2.62	20238	100.0	60	120	
Sc	45	2	161991	2.03	156597	103.4	60	120	
Li	6	2	18671	1.87	20978	89.0	60	120	

Sample Report

Sample Name	**460-78044-H-9-A@5**
Data File Name	**026SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:30:08-04:00**
Type	**Sample**
VialNumber	**2109**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.31	46.54	ug/l	1800	
Pb	208	209	2	3213.88	16069.41	ug/l	3600	
Tl	205	209	2	2.53	12.66	ug/l	720	
Ba	137	159	2	1855.17	9275.84	ug/l	3600	
Sb	121	115	2	1.29	6.44	ug/l	3600	
Sn	118	115	2	229.88	1149.40	ug/l	3600	
Cd	111	115	2	3.94	19.68	ug/l	3600	
Ag	107	115	2	3.46	17.32	ug/l	180	
Mo	95	115	2	25.78	128.89	ug/l	3600	
Sr	88	115	2	1088.61	5443.03	ug/l	3600	
As	75	74	2	141.96	709.81	ug/l	1800	
Zn	66	45	2	1193.41	5967.06	ug/l	900	fail
Cu	63	45	2	720.55	3602.75	ug/l	900	
Ni	60	45	2	419.09	2095.45	ug/l	900	
Co	59	45	2	120.93	604.64	ug/l	1800	
Fe	56	45	2	282107.79	1410538.97	ug/l	180000	fail
Mn	55	45	2	6300.23	31501.13	ug/l	18000	
Cr	52	45	2	316.44	1582.20	ug/l	1800	
V	51	45	2	382.64	1913.20	ug/l	3600	
Ti	47	45	2	4224.90	21124.48	ug/l	3600	fail
Ca	44	45	2	200319.46	1001597.32	ug/l	360000	
K	39	45	2	28246.32	141231.58	ug/l	180000	
Al	27	45	2	120879.44	604397.19	ug/l	36000	fail
Mg	24	45	2	78788.70	393943.51	ug/l	180000	
Na	23	45	2	61896.42	309482.10	ug/l	180000	
B	11	6	2	140.07	700.34	ug/l	7200	
Be	9	6	2	11.30	56.49	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	62730	1.17	64907	96.6	60	120	
Bi	209	2	240188	1.06	261847	91.7	60	120	
Tb	159	2	420157	0.95	357511	117.5	60	120	
In	115	2	131497	0.81	138468	95.0	60	120	
Kr	83	2	578	5.04	184	313.3	-1000	1000	
Ge	74	2	20727	1.60	20238	102.4	60	120	
Sc	45	2	211455	1.82	156597	135.0	60	120	fail
Li	6	2	20948	2.35	20978	99.9	60	120	

Sample Report

Sample Name	**460-78044-H-9-A@25**
Data File Name	**027SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:35:28-04:00**
Type	**Sample**
VialNumber	**2110**
Dilution	**25**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	2.20	54.88	ug/l	1800	
Pb	208	209	2	736.27	18406.71	ug/l	3600	
Tl	205	209	2	0.54	13.57	ug/l	720	
Ba	137	159	2	449.75	11243.83	ug/l	3600	
Sb	121	115	2	0.25	6.32	ug/l	3600	
Sn	118	115	2	48.74	1218.52	ug/l	3600	
Cd	111	115	2	0.80	19.89	ug/l	3600	
Ag	107	115	2	0.78	19.43	ug/l	180	
Mo	95	115	2	5.38	134.45	ug/l	3600	
Sr	88	115	2	225.42	5635.53	ug/l	3600	
As	75	74	2	31.88	796.94	ug/l	1800	
Zn	66	45	2	358.38	8959.39	ug/l	900	
Cu	63	45	2	206.84	5171.12	ug/l	900	
Ni	60	45	2	115.49	2887.34	ug/l	900	
Co	59	45	2	32.40	810.02	ug/l	1800	
Fe	56	45	2	75599.73	1889993.17	ug/l	180000	
Mn	55	45	2	1732.40	43310.07	ug/l	18000	
Cr	52	45	2	82.17	2054.33	ug/l	1800	
V	51	45	2	97.45	2436.31	ug/l	3600	
Ti	47	45	2	1067.17	26679.34	ug/l	3600	
Ca	44	45	2	52513.43	1312835.83	ug/l	360000	
K	39	45	2	7610.62	190265.44	ug/l	180000	
Al	27	45	2	31991.10	799777.50	ug/l	36000	
Mg	24	45	2	20933.45	523336.16	ug/l	180000	
Na	23	45	2	16075.99	401899.83	ug/l	180000	
B	11	6	2	36.24	905.97	ug/l	7200	
Be	9	6	2	2.69	67.37	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	64148	0.76	64907	98.8	60	120	
Bi	209	2	242986	0.97	261847	92.8	60	120	
Tb	159	2	372604	0.89	357511	104.2	60	120	
In	115	2	136393	1.43	138468	98.5	60	120	
Kr	83	2	344	14.10	184	186.7	-1000	1000	
Ge	74	2	20952	2.52	20238	103.5	60	120	
Sc	45	2	174109	1.85	156597	111.2	60	120	
Li	6	2	19973	1.83	20978	95.2	60	120	

Sample Report

Sample Name	**460-78044-H-10-A@5**
Data File Name	**028SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:40:54-04:00**
Type	**Sample**
VialNumber	**2111**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	12.18	60.91	ug/l	1800	
Pb	208	209	2	7235.36	36176.79	ug/l	3600	fail
Tl	205	209	2	3.05	15.23	ug/l	720	
Ba	137	159	2	877.93	4389.63	ug/l	3600	
Sb	121	115	2	3.10	15.50	ug/l	3600	
Sn	118	115	2	711.30	3556.52	ug/l	3600	
Cd	111	115	2	13.24	66.20	ug/l	3600	
Ag	107	115	2	5.56	27.81	ug/l	180	
Mo	95	115	2	61.62	308.12	ug/l	3600	
Sr	88	115	2	3246.70	16233.50	ug/l	3600	
As	75	74	2	244.94	1224.71	ug/l	1800	
Zn	66	45	2	4270.18	21350.90	ug/l	900	fail
Cu	63	45	2	2571.00	12855.01	ug/l	900	fail
Ni	60	45	2	894.72	4473.62	ug/l	900	
Co	59	45	2	198.26	991.28	ug/l	1800	
Fe	56	45	2	392185.13	1960925.63	ug/l	180000	fail
Mn	55	45	2	11782.18	58910.91	ug/l	18000	
Cr	52	45	2	658.97	3294.87	ug/l	1800	
V	51	45	2	549.90	2749.49	ug/l	3600	
Ti	47	45	2	4284.75	21423.77	ug/l	3600	fail
Ca	44	45	2	531436.80	2657184.00	ug/l	360000	fail
K	39	45	2	30176.98	150884.89	ug/l	180000	
Al	27	45	2	154155.00	770775.00	ug/l	36000	fail
Mg	24	45	2	124814.74	624073.71	ug/l	180000	
Na	23	45	2	84913.29	424566.47	ug/l	180000	
B	11	6	2	234.57	1172.83	ug/l	7200	
Be	9	6	2	15.16	75.81	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	54706	0.44	64907	84.3	60	120	
Bi	209	2	225570	0.41	261847	86.1	60	120	
Tb	159	2	374017	0.50	357511	104.6	60	120	
In	115	2	114488	1.02	138468	82.7	60	120	
Kr	83	2	508	4.75	184	275.3	-1000	1000	
Ge	74	2	17870	1.13	20238	88.3	60	120	
Sc	45	2	193979	1.72	156597	123.9	60	120	fail
Li	6	2	18236	1.27	20978	86.9	60	120	

Sample Report

Sample Name	**460-78044-H-10-A@50**
Data File Name	**029SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:46:14-04:00**
Type	**Sample**
VialNumber	**2112**
Dilution	**50**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.40	70.15	ug/l	1800	
Pb	208	209	2	833.36	41668.04	ug/l	3600	
Tl	205	209	2	0.32	15.84	ug/l	720	
Ba	137	159	2	107.03	5351.64	ug/l	3600	
Sb	121	115	2	0.33	16.65	ug/l	3600	
Sn	118	115	2	72.73	3636.72	ug/l	3600	
Cd	111	115	2	1.69	84.42	ug/l	3600	
Ag	107	115	2	0.62	31.18	ug/l	180	
Mo	95	115	2	6.04	301.80	ug/l	3600	
Sr	88	115	2	320.17	16008.69	ug/l	3600	
As	75	74	2	26.66	1333.06	ug/l	1800	
Zn	66	45	2	723.19	36159.43	ug/l	900	
Cu	63	45	2	413.05	20652.31	ug/l	900	
Ni	60	45	2	133.40	6670.05	ug/l	900	
Co	59	45	2	28.66	1433.02	ug/l	1800	
Fe	56	45	2	56407.76	2820387.75	ug/l	180000	
Mn	55	45	2	1727.63	86381.53	ug/l	18000	
Cr	52	45	2	90.44	4522.01	ug/l	1800	
V	51	45	2	72.25	3612.35	ug/l	3600	
Ti	47	45	2	574.54	28726.98	ug/l	3600	
Ca	44	45	2	74383.40	3719170.10	ug/l	360000	
K	39	45	2	4281.44	214072.23	ug/l	180000	
Al	27	45	2	21838.99	1091949.43	ug/l	36000	
Mg	24	45	2	17705.20	885260.05	ug/l	180000	
Na	23	45	2	11543.90	577194.99	ug/l	180000	
B	11	6	2	32.12	1606.00	ug/l	7200	
Be	9	6	2	1.79	89.73	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	57928	0.24	64907	89.2	60	120	
Bi	209	2	233641	7.85	261847	89.2	60	120	
Tb	159	2	347651	9.05	357511	97.2	60	120	
In	115	2	128421	8.71	138468	92.7	60	120	
Kr	83	2	241	11.76	184	130.7	-1000	1000	
Ge	74	2	19070	7.33	20238	94.2	60	120	
Sc	45	2	155150	9.09	156597	99.1	60	120	
Li	6	2	18195	3.92	20978	86.7	60	120	

Sample Report

Sample Name	**460-78044-H-11-A@5**
Data File Name	**030SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:51:40-04:00**
Type	**Sample**
VialNumber	**2201**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	5.17	25.84	ug/l	1800	
Pb	208	209	2	2221.41	11107.05	ug/l	3600	
Tl	205	209	2	1.28	6.39	ug/l	720	
Ba	137	159	2	1178.65	5893.24	ug/l	3600	
Sb	121	115	2	0.73	3.67	ug/l	3600	
Sn	118	115	2	137.01	685.03	ug/l	3600	
Cd	111	115	2	2.40	11.99	ug/l	3600	
Ag	107	115	2	2.26	11.31	ug/l	180	
Mo	95	115	2	10.49	52.43	ug/l	3600	
Sr	88	115	2	506.84	2534.22	ug/l	3600	
As	75	74	2	55.46	277.32	ug/l	1800	
Zn	66	45	2	956.03	4780.16	ug/l	900	fail
Cu	63	45	2	752.55	3762.76	ug/l	900	
Ni	60	45	2	366.81	1834.03	ug/l	900	
Co	59	45	2	76.28	381.42	ug/l	1800	
Fe	56	45	2	141864.81	709324.06	ug/l	180000	
Mn	55	45	2	4618.81	23094.06	ug/l	18000	
Cr	52	45	2	215.94	1079.71	ug/l	1800	
V	51	45	2	215.32	1076.61	ug/l	3600	
Ti	47	45	2	2636.96	13184.82	ug/l	3600	
Ca	44	45	2	92469.28	462346.40	ug/l	360000	
K	39	45	2	20411.44	102057.18	ug/l	180000	
Al	27	45	2	77023.45	385117.27	ug/l	36000	fail
Mg	24	45	2	59792.60	298963.02	ug/l	180000	
Na	23	45	2	34325.95	171629.73	ug/l	180000	
B	11	6	2	124.73	623.64	ug/l	7200	
Be	9	6	2	6.87	34.33	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	56842	16.42	64907	87.6	60	120	
Bi	209	2	257732	0.97	261847	98.4	60	120	
Tb	159	2	395616	1.57	357511	110.7	60	120	
In	115	2	134254	1.49	138468	97.0	60	120	
Kr	83	2	372	16.03	184	201.8	-1000	1000	
Ge	74	2	20845	2.73	20238	103.0	60	120	
Sc	45	2	197010	2.18	156597	125.8	60	120	fail
Li	6	2	20193	2.62	20978	96.3	60	120	

Sample Report

Sample Name	**460-78044-H-11-A@20**
Data File Name	**031SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T16:57:01-04:00**
Type	**Sample**
VialNumber	**2202**
Dilution	**20**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.29	25.79	ug/l	1800	
Pb	208	209	2	630.17	12603.46	ug/l	3600	
Tl	205	209	2	0.35	7.09	ug/l	720	
Ba	137	159	2	327.09	6541.70	ug/l	3600	
Sb	121	115	2	0.21	4.12	ug/l	3600	
Sn	118	115	2	35.55	710.94	ug/l	3600	
Cd	111	115	2	0.74	14.78	ug/l	3600	
Ag	107	115	2	0.64	12.71	ug/l	180	
Mo	95	115	2	2.67	53.35	ug/l	3600	
Sr	88	115	2	127.64	2552.72	ug/l	3600	
As	75	74	2	14.73	294.66	ug/l	1800	
Zn	66	45	2	317.68	6353.60	ug/l	900	
Cu	63	45	2	239.21	4784.24	ug/l	900	
Ni	60	45	2	112.02	2240.46	ug/l	900	
Co	59	45	2	23.16	463.21	ug/l	1800	
Fe	56	45	2	43172.02	863440.31	ug/l	180000	
Mn	55	45	2	1441.77	28835.37	ug/l	18000	
Cr	52	45	2	63.54	1270.84	ug/l	1800	
V	51	45	2	62.19	1243.89	ug/l	3600	
Ti	47	45	2	760.73	15214.54	ug/l	3600	
Ca	44	45	2	27284.37	545687.35	ug/l	360000	
K	39	45	2	6184.82	123696.32	ug/l	180000	
Al	27	45	2	23579.24	471584.75	ug/l	36000	
Mg	24	45	2	18005.75	360114.91	ug/l	180000	
Na	23	45	2	10135.18	202703.54	ug/l	180000	
B	11	6	2	36.52	730.39	ug/l	7200	
Be	9	6	2	1.81	36.12	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	62235	0.75	64907	95.9	60	120	
Bi	209	2	248231	1.14	261847	94.8	60	120	
Tb	159	2	366796	1.79	357511	102.6	60	120	
In	115	2	136755	1.93	138468	98.8	60	120	
Kr	83	2	296	10.42	184	160.2	-1000	1000	
Ge	74	2	20533	1.45	20238	101.5	60	120	
Sc	45	2	170461	2.81	156597	108.9	60	120	
Li	6	2	19231	3.32	20978	91.7	60	120	

Sample Report

Sample Name	**Rn Chk**
Data File Name	**032SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T17:03:33-04:00**
Type	**Sample**
VialNumber	**4507**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.00	0.00	ug/l	1800	
Pb	208	209	2	0.10	0.10	ug/l	3600	
Tl	205	209	2	0.01	0.01	ug/l	720	
Ba	137	159	2	0.10	0.10	ug/l	3600	
Sb	121	115	2	-0.03	-0.03	ug/l	3600	
Sn	118	115	2	0.01	0.01	ug/l	3600	
Cd	111	115	2	0.01	0.01	ug/l	3600	
Ag	107	115	2	0.00	0.00	ug/l	180	
Mo	95	115	2	-0.02	-0.02	ug/l	3600	
Sr	88	115	2	0.01	0.01	ug/l	3600	
As	75	74	2	-0.07	-0.07	ug/l	1800	
Zn	66	45	2	0.75	0.75	ug/l	900	
Cu	63	45	2	-0.19	-0.19	ug/l	900	
Ni	60	45	2	0.04	0.04	ug/l	900	
Co	59	45	2	0.00	0.00	ug/l	1800	
Fe	56	45	2	4.33	4.33	ug/l	180000	
Mn	55	45	2	0.09	0.09	ug/l	18000	
Cr	52	45	2	-0.05	-0.05	ug/l	1800	
V	51	45	2	-0.13	-0.13	ug/l	3600	
Ti	47	45	2	0.05	0.05	ug/l	3600	
Ca	44	45	2	4.36	4.36	ug/l	360000	
K	39	45	2	-5.38	-5.38	ug/l	180000	
Al	27	45	2	3.23	3.23	ug/l	36000	
Mg	24	45	2	2.46	2.46	ug/l	180000	
Na	23	45	2	1.61	1.61	ug/l	180000	
B	11	6	2	1.77	1.77	ug/l	7200	
Be	9	6	2	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	54977	0.47	64907	84.7	60	120	
Bi	209	2	235037	1.96	261847	89.8	60	120	
Tb	159	2	326449	1.89	357511	91.3	60	120	
In	115	2	130230	1.81	138468	94.1	60	120	
Kr	83	2	197	4.49	184	106.6	-1000	1000	
Ge	74	2	18453	1.78	20238	91.2	60	120	
Sc	45	2	141389	2.97	156597	90.3	60	120	
Li	6	2	15726	5.73	20978	75.0	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0336CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25o00.B**
Acq Date Time	**2014-06-25T17:09:04-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	47.44	0.66	ug/l	3233.87	3.08	50	94.9	90	110	
B	11	6	2	99.69	1.06	ug/l	2726.99	2.17	100	99.7	90	110	
Na	23	45	2	4595.47	0.67	ug/l	2233054.17	3.51	5000	91.9	90	110	
Mg	24	45	2	4514.50	0.68	ug/l	1137383.46	2.84	5000	90.3	90	110	
Al	27	45	2	456.36	0.17	ug/l	54477.99	3.51	500	91.3	90	110	
K	39	45	2	4771.49	1.46	ug/l	1059752.26	2.17	5000	95.4	90	110	
Ca	44	45	2	4762.05	0.92	ug/l	46269.52	2.67	5000	95.2	90	110	
Ti	47	45	2	45.87	1.56	ug/l	2461.38	4.79	50	91.7	90	110	
V	51	45	2	46.83	0.51	ug/l	63317.63	2.96	50	93.7	90	110	
Cr	52	45	2	46.37	1.05	ug/l	72430.76	2.93	50	92.7	90	110	
Mn	55	45	2	470.22	0.52	ug/l	505108.35	2.96	500	94.0	90	110	
Fe	56	45	2	4655.18	0.50	ug/l	5834179.08	3.36	5000	93.1	90	110	
Co	59	45	2	46.69	0.64	ug/l	106071.71	2.81	50	93.4	90	110	
Ni	60	45	2	46.86	1.96	ug/l	27536.83	3.40	50	93.7	90	110	
Cu	63	45	2	47.06	1.00	ug/l	72281.14	2.48	50	94.1	90	110	
Zn	66	45	2	46.86	2.11	ug/l	10925.26	2.02	50	93.7	90	110	
As	75	74	2	48.00	2.03	ug/l	7329.60	2.29	50	96.0	90	110	
Se	78	74	1	47.80	0.45	ug/l	4853.98	0.86	50	95.6	90	110	
Sr	88	115	2	47.17	0.84	ug/l	64447.66	2.75	50	94.3	90	110	
Mo	95	115	2	45.68	0.53	ug/l	34018.28	2.18	50	91.4	90	110	
Ag	107	115	2	46.40	0.41	ug/l	106008.96	1.72	50	92.8	90	110	
Cd	111	115	2	45.95	0.39	ug/l	16114.56	2.29	50	91.9	90	110	
Sn	118	115	2	46.76	1.67	ug/l	41523.13	3.43	50	93.5	90	110	
Sb	121	115	2	46.82	1.02	ug/l	45356.60	1.22	50	93.6	90	110	
Ba	137	159	2	47.57	0.70	ug/l	20581.36	1.67	50	95.1	90	110	
Tl	205	209	2	9.26	0.76	ug/l	47939.82	2.02	10	92.6	90	110	
Pb	208	209	2	46.86	0.23	ug/l	325270.27	1.76	50	93.7	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	17839	3.15	20978	85.0	60	120	
Sc	45	2	155674	3.44	156597	99.4	60	120	
Ge	74	1	59793	0.50	64907	92.1	60	120	
Ge	74	2	19922	3.47	20238	98.4	60	120	
Kr	83	2	251	13.03	184	136.1	-1000	1000	
In	115	2	136972	2.03	138468	98.9	60	120	
Tb	159	2	349805	1.38	357511	97.8	60	120	
Bi	209	2	245006	1.61	261847	93.6	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Sample Report

Sample Name	**Rn Chk**
Data File Name	**001SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T17:34:39-04:00**
Type	**Sample**
VialNumber	**4506**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.01	ug/l	1800	
Pb	208	209	2	0.14	0.14	ug/l	3600	
Tl	205	209	2	0.01	0.01	ug/l	720	
Ba	137	159	2	0.15	0.15	ug/l	3600	
Sb	121	115	2	0.02	0.02	ug/l	3600	
Sn	118	115	2	0.02	0.02	ug/l	3600	
Cd	111	115	2	0.01	0.01	ug/l	3600	
Ag	107	115	2	0.04	0.04	ug/l	180	
Mo	95	115	2	0.02	0.02	ug/l	3600	
Sr	88	115	2	0.01	0.01	ug/l	3600	
As	75	74	2	-0.07	-0.07	ug/l	1800	
Zn	66	45	2	0.67	0.67	ug/l	900	
Cu	63	45	2	-0.14	-0.14	ug/l	900	
Ni	60	45	2	0.09	0.09	ug/l	900	
Co	59	45	2	0.04	0.04	ug/l	1800	
Fe	56	45	2	3.97	3.97	ug/l	180000	
Mn	55	45	2	0.19	0.19	ug/l	18000	
Cr	52	45	2	-0.03	-0.03	ug/l	1800	
V	51	45	2	-0.16	-0.16	ug/l	3600	
Ti	47	45	2	-0.01	-0.01	ug/l	3600	
Ca	44	45	2	5.43	5.43	ug/l	360000	
K	39	45	2	-8.45	-8.45	ug/l	180000	
Al	27	45	2	6.07	6.07	ug/l	36000	
Mg	24	45	2	3.00	3.00	ug/l	180000	
Na	23	45	2	3.84	3.84	ug/l	180000	
B	11	6	2	1.09	1.09	ug/l	7200	
Be	9	6	2	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	62267	0.68	64907	95.9	60	120	
Bi	209	2	245178	0.43	261847	93.6	60	120	
Tb	159	2	340265	0.31	357511	95.2	60	120	
In	115	2	132069	0.72	138468	95.4	60	120	
Kr	83	2	218	13.80	184	118.1	-1000	1000	
Ge	74	2	18773	1.32	20238	92.8	60	120	
Sc	45	2	142265	0.45	156597	90.8	60	120	
Li	6	2	18657	0.26	20978	88.9	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0026CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T17:40:10-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	47.76	1.59	ug/l	3656.80	1.45	50	95.5	90	110	
B	11	6	2	88.93	3.79	ug/l	2738.10	4.08	100	88.9	90	110	6-CCV Main Failed
Na	23	45	2	4808.91	1.30	ug/l	2387334.58	0.75	5000	96.2	90	110	
Mg	24	45	2	4756.40	0.63	ug/l	1224822.67	1.27	5000	95.1	90	110	
Al	27	45	2	472.25	0.47	ug/l	57607.42	0.82	500	94.5	90	110	
K	39	45	2	4782.37	1.38	ug/l	1085734.71	1.36	5000	95.6	90	110	
Ca	44	45	2	4863.25	0.83	ug/l	48296.57	0.49	5000	97.3	90	110	
Ti	47	45	2	46.63	5.07	ug/l	2555.84	5.06	50	93.3	90	110	
V	51	45	2	48.66	0.60	ug/l	67234.37	0.13	50	97.3	90	110	
Cr	52	45	2	48.84	0.54	ug/l	77959.97	0.85	50	97.7	90	110	
Mn	55	45	2	484.73	0.36	ug/l	532169.59	0.53	500	96.9	90	110	
Fe	56	45	2	4849.19	0.73	ug/l	6210616.09	0.53	5000	97.0	90	110	
Co	59	45	2	49.36	0.79	ug/l	114615.85	0.67	50	98.7	90	110	
Ni	60	45	2	49.42	0.19	ug/l	29682.93	0.89	50	98.8	90	110	
Cu	63	45	2	49.98	0.66	ug/l	78421.24	1.21	50	100.0	90	110	
Zn	66	45	2	49.26	1.39	ug/l	11736.96	1.23	50	98.5	90	110	
As	75	74	2	47.59	1.68	ug/l	7570.83	0.91	50	95.2	90	110	
Se	78	74	1	48.73	1.00	ug/l	5488.85	1.09	50	97.5	90	110	
Sr	88	115	2	48.60	0.61	ug/l	66994.15	0.44	50	97.2	90	110	
Mo	95	115	2	48.04	0.80	ug/l	36097.43	0.50	50	96.1	90	110	
Ag	107	115	2	48.53	0.96	ug/l	111880.45	1.34	50	97.1	90	110	
Cd	111	115	2	47.68	1.99	ug/l	16877.58	2.33	50	95.4	90	110	
Sn	118	115	2	47.73	1.53	ug/l	42767.62	1.24	50	95.5	90	110	
Sb	121	115	2	48.34	0.26	ug/l	47262.22	0.64	50	96.7	90	110	
Ba	137	159	2	49.07	0.86	ug/l	21524.91	0.41	50	98.1	90	110	
Tl	205	209	2	9.57	0.52	ug/l	50642.62	0.92	10	95.7	90	110	
Pb	208	209	2	47.90	0.48	ug/l	339798.52	0.44	50	95.8	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	20036	1.51	20978	95.5	60	120	
Sc	45	2	159090	0.70	156597	101.6	60	120	
Ge	74	1	66326	0.14	64907	102.2	60	120	
Ge	74	2	20750	0.77	20238	102.5	60	120	
Kr	83	2	249	8.18	184	134.9	-1000	1000	
In	115	2	138223	0.38	138468	99.8	60	120	
Tb	159	2	354669	0.46	357511	99.2	60	120	
Bi	209	2	250396	0.41	261847	95.6	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0036CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T17:45:39-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	0.00	-521.93	ug/l	1.83	59.68	0.2	
B	11	6	2	1.28	57.74	ug/l	84.45	24.12	20	
Na	23	45	2	-1.42	-9.28	ug/l	11276.48	0.66	50	
Mg	24	45	2	0.76	16.12	ug/l	275.57	10.84	50	
Al	27	45	2	-0.22	-57.46	ug/l	68.34	21.68	10	
K	39	45	2	-5.42	-8.08	ug/l	23186.26	0.74	50	
Ca	44	45	2	-0.16	-163.80	ug/l	32.78	7.77	50	
Ti	47	45	2	-0.04	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	2	-0.02	-97.75	ug/l	250.01	10.58	1	
Cr	52	45	2	0.00	-576.90	ug/l	133.34	17.50	1	
Mn	55	45	2	0.01	91.50	ug/l	86.67	7.70	2	
Fe	56	45	2	1.09	6.39	ug/l	3247.05	2.54	30	
Co	59	45	2	0.00	-147.59	ug/l	18.89	73.49	1	
Ni	60	45	2	0.00	2840.01	ug/l	18.89	40.75	1	
Cu	63	45	2	-0.05	-7.80	ug/l	637.81	1.31	1	
Zn	66	45	2	-0.08	-81.85	ug/l	41.11	38.33	4	
As	75	74	2	0.00	4364.64	ug/l	15.00	69.37	0.5	
Se	78	74	1	0.02	14.43	ug/l	5.50	6.00	0.5	
Sr	88	115	2	0.00	-732.54	ug/l	7.78	89.21	1	
Mo	95	115	2	0.01	158.63	ug/l	37.78	43.52	1	
Ag	107	115	2	0.00	17.79	ug/l	14.44	13.35	1	
Cd	111	115	2	0.02	33.88	ug/l	8.89	21.63	0.5	
Sn	118	115	2	0.06	32.58	ug/l	95.56	19.21	4	
Sb	121	115	2	0.04	49.44	ug/l	73.34	22.72	0.5	
Ba	137	159	2	-0.04	-36.52	ug/l	7.78	89.21	1	
Tl	205	209	2	0.00	-249.24	ug/l	28.89	35.25	0.2	
Pb	208	209	2	0.03	29.87	ug/l	284.46	19.34	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	19258	1.19	20978	91.8	60	120	
Sc	45	2	153357	0.34	156597	97.9	60	120	
Ge	74	1	64109	0.77	64907	98.8	60	120	
Ge	74	2	19910	0.52	20238	98.4	60	120	
Kr	83	2	239	9.80	184	129.5	-1000	1000	
In	115	2	137265	0.62	138468	99.1	60	120	
Tb	159	2	349140	0.60	357511	97.7	60	120	
Bi	209	2	249158	0.09	261847	95.2	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**MB 460-232696/1-A@5**
Data File Name	**0046CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T17:51:10-04:00**
Type	**6-CCB**
VialNumber	**2301**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-356.34	ug/l	1.00	60.32	0.2	
B	11	6	2	0.26	1219.42	ug/l	51.11	35.92	20	
Na	23	45	2	-0.99	-178.83	ug/l	11055.21	3.25	50	
Mg	24	45	2	0.78	66.82	ug/l	270.01	10.76	50	
Al	27	45	2	0.19	258.48	ug/l	112.78	8.14	10	
K	39	45	2	-3.91	-281.38	ug/l	22625.44	0.84	50	
Ca	44	45	2	1.53	197.89	ug/l	47.22	14.69	50	
Ti	47	45	2	-0.02	-1153.51	ug/l	1.11	173.21	1	
V	51	45	2	0.02	65.59	ug/l	294.46	2.36	1	
Cr	52	45	2	-0.01	-557.29	ug/l	114.45	17.07	1	
Mn	55	45	2	-0.01	-776.39	ug/l	67.78	22.18	2	
Fe	56	45	2	0.79	44.20	ug/l	2769.73	3.03	30	
Co	59	45	2	-0.01	-183.69	ug/l	7.78	89.21	1	
Ni	60	45	2	0.03	513.71	ug/l	34.45	48.70	1	
Cu	63	45	2	-0.05	-506.18	ug/l	613.37	10.86	1	
Zn	66	45	2	-0.03	-2808.27	ug/l	52.22	65.52	4	
As	75	74	2	0.01	3246.66	ug/l	15.00	33.33	0.5	
Se	78	74	1	0.00	1208.98	ug/l	3.33	30.33	0.5	
Sr	88	115	2	0.00	1896.40	ug/l	10.00	57.72	1	
Mo	95	115	2	-0.02	-289.58	ug/l	14.45	48.02	1	
Ag	107	115	2	0.00	241.58	ug/l	10.00	33.30	1	
Cd	111	115	2	0.00	-1184.86	ug/l	2.22	86.60	0.5	
Sn	118	115	2	0.08	69.93	ug/l	110.00	10.50	4	
Sb	121	115	2	0.01	172.95	ug/l	51.11	9.96	0.5	
Ba	137	159	2	-0.03	-249.89	ug/l	12.22	56.76	1	
Tl	205	209	2	0.00	-709.66	ug/l	22.22	62.43	0.2	
Pb	208	209	2	0.03	115.77	ug/l	270.02	13.58	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	17802	3.09	20978	84.9	60	120	
Sc	45	2	147653	2.79	156597	94.3	60	120	
Ge	74	1	60594	1.17	64907	93.4	60	120	
Ge	74	2	19177	1.92	20238	94.8	60	120	
Kr	83	2	231	6.01	184	125.3	-1000	1000	
In	115	2	133715	1.59	138468	96.6	60	120	
Tb	159	2	340789	1.71	357511	95.3	60	120	
Bi	209	2	242042	1.60	261847	92.4	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Sample Report

Sample Name	**LCS 460-232696/2-A@5**
Data File Name	**005SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T17:56:41-04:00**
Type	**Sample**
VialNumber	**2302**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	10.19	50.96	ug/l	1800	
Pb	208	209	2	4.83	24.15	ug/l	3600	
Tl	205	209	2	3.71	18.53	ug/l	720	
Ba	137	159	2	9.27	46.36	ug/l	3600	
Sb	121	115	2	4.63	23.17	ug/l	3600	
Sn	118	115	2	9.51	47.53	ug/l	3600	
Cd	111	115	2	5.00	24.99	ug/l	3600	
Ag	107	115	2	4.88	24.41	ug/l	180	
Mo	95	115	2	9.06	45.31	ug/l	3600	
Sr	88	115	2	9.28	46.42	ug/l	3600	
As	75	74	2	10.17	50.83	ug/l	1800	
Zn	66	45	2	50.10	250.50	ug/l	900	
Cu	63	45	2	9.90	49.49	ug/l	900	
Ni	60	45	2	9.83	49.16	ug/l	900	
Co	59	45	2	4.91	24.56	ug/l	1800	
Fe	56	45	2	545.25	2726.25	ug/l	180000	
Mn	55	45	2	48.88	244.42	ug/l	18000	
Cr	52	45	2	9.72	48.61	ug/l	1800	
V	51	45	2	9.67	48.35	ug/l	3600	
Ti	47	45	2	9.81	49.06	ug/l	3600	
Ca	44	45	2	494.43	2472.13	ug/l	360000	
K	39	45	2	480.14	2400.72	ug/l	180000	
Al	27	45	2	463.49	2317.47	ug/l	36000	
Mg	24	45	2	471.81	2359.04	ug/l	180000	
Na	23	45	2	473.40	2367.02	ug/l	180000	
B	11	6	2	97.98	489.90	ug/l	7200	
Be	9	6	2	4.91	24.57	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	56445	0.38	64907	87.0	60	120	
Bi	209	2	235015	1.38	261847	89.8	60	120	
Tb	159	2	329897	1.48	357511	92.3	60	120	
In	115	2	128337	1.80	138468	92.7	60	120	
Kr	83	2	199	3.87	184	107.8	-1000	1000	
Ge	74	2	18128	3.19	20238	89.6	60	120	
Sc	45	2	139555	3.25	156597	89.1	60	120	
Li	6	2	16754	3.07	20978	79.9	60	120	

Sample Report

Sample Name	**PDS 460-78265-L-1-A@5**
Data File Name	**006SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:02:13-04:00**
Type	**Sample**
VialNumber	**2303**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.46	47.28	ug/l	1800	
Pb	208	209	2	4.86	24.30	ug/l	3600	
Tl	205	209	2	3.65	18.23	ug/l	720	
Ba	137	159	2	36.21	181.04	ug/l	3600	
Sb	121	115	2	4.53	22.63	ug/l	3600	
Sn	118	115	2	9.26	46.28	ug/l	3600	
Cd	111	115	2	4.54	22.72	ug/l	3600	
Ag	107	115	2	5.32	26.58	ug/l	180	
Mo	95	115	2	9.99	49.94	ug/l	3600	
Sr	88	115	2	262.94	1314.70	ug/l	3600	
As	75	74	2	9.65	48.25	ug/l	1800	
Zn	66	45	2	64.70	323.49	ug/l	900	
Cu	63	45	2	14.00	70.01	ug/l	900	
Ni	60	45	2	9.53	47.67	ug/l	900	
Co	59	45	2	4.50	22.50	ug/l	1800	
Fe	56	45	2	522.59	2612.93	ug/l	180000	
Mn	55	45	2	47.21	236.05	ug/l	18000	
Cr	52	45	2	9.47	47.37	ug/l	1800	
V	51	45	2	9.50	47.52	ug/l	3600	
Ti	47	45	2	9.78	48.88	ug/l	3600	
Ca	44	45	2	11998.38	59991.88	ug/l	360000	
K	39	45	2	606.01	3030.05	ug/l	180000	
Al	27	45	2	447.83	2239.14	ug/l	36000	
Mg	24	45	2	6043.37	30216.84	ug/l	180000	
Na	23	45	2	4707.69	23538.43	ug/l	180000	
B	11	6	2	108.48	542.41	ug/l	7200	
Be	9	6	2	4.87	24.34	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	54312	0.53	64907	83.7	60	120	
Bi	209	2	224408	1.86	261847	85.7	60	120	
Tb	159	2	317551	1.87	357511	88.8	60	120	
In	115	2	122760	2.74	138468	88.7	60	120	
Kr	83	2	206	9.36	184	111.4	-1000	1000	
Ge	74	2	17824	3.80	20238	88.1	60	120	
Sc	45	2	134101	3.54	156597	85.6	60	120	
Li	6	2	15816	3.40	20978	75.4	60	120	

Sample Report

Sample Name	**460-78044-H-9-A@25**
Data File Name	**007SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:09:14-04:00**
Type	**Sample**
VialNumber	**2110**
Dilution	**25**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	2.00	49.98	ug/l	1800	
Pb	208	209	2	697.30	17432.57	ug/l	3600	
Tl	205	209	2	0.51	12.75	ug/l	720	
Ba	137	159	2	426.39	10659.70	ug/l	3600	
Sb	121	115	2	0.21	5.35	ug/l	3600	
Sn	118	115	2	45.72	1143.02	ug/l	3600	
Cd	111	115	2	0.86	21.55	ug/l	3600	
Ag	107	115	2	0.76	18.97	ug/l	180	
Mo	95	115	2	4.83	120.83	ug/l	3600	
Sr	88	115	2	210.42	5260.51	ug/l	3600	
As	75	74	2	31.54	788.43	ug/l	1800	
Zn	66	45	2	343.43	8585.66	ug/l	900	
Cu	63	45	2	196.83	4920.76	ug/l	900	
Ni	60	45	2	110.55	2763.75	ug/l	900	
Co	59	45	2	30.86	771.47	ug/l	1800	
Fe	56	45	2	72169.94	1804248.57	ug/l	180000	
Mn	55	45	2	1668.38	41709.38	ug/l	18000	
Cr	52	45	2	77.23	1930.86	ug/l	1800	
V	51	45	2	91.99	2299.65	ug/l	3600	
Ti	47	45	2	1003.36	25084.03	ug/l	3600	
Ca	44	45	2	49265.39	1231634.70	ug/l	360000	
K	39	45	2	7077.37	176934.13	ug/l	180000	
Al	27	45	2	29901.52	747537.96	ug/l	36000	
Mg	24	45	2	19165.20	479129.94	ug/l	180000	
Na	23	45	2	14682.43	367060.64	ug/l	180000	
B	11	6	2	37.00	924.92	ug/l	7200	
Be	9	6	2	2.50	62.39	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	56081	14.80	64907	86.4	60	120	
Bi	209	2	225622	1.52	261847	86.2	60	120	
Tb	159	2	348259	1.71	357511	97.4	60	120	
In	115	2	127058	2.48	138468	91.8	60	120	
Kr	83	2	268	9.01	184	145.2	-1000	1000	
Ge	74	2	18502	3.72	20238	91.4	60	120	
Sc	45	2	152246	3.72	156597	97.2	60	120	
Li	6	2	16515	3.79	20978	78.7	60	120	

Sample Report

Sample Name	**460-78044-H-9-A@5**
Data File Name	**008SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:14:40-04:00**
Type	**Sample**
VialNumber	**2109**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.12	45.58	ug/l	1800	
Pb	208	209	2	3226.34	16131.72	ug/l	3600	
Tl	205	209	2	2.50	12.48	ug/l	720	
Ba	137	159	2	1863.52	9317.59	ug/l	3600	
Sb	121	115	2	1.24	6.21	ug/l	3600	
Sn	118	115	2	227.31	1136.56	ug/l	3600	
Cd	111	115	2	3.79	18.93	ug/l	3600	
Ag	107	115	2	3.40	17.01	ug/l	180	
Mo	95	115	2	25.15	125.77	ug/l	3600	
Sr	88	115	2	1076.10	5380.52	ug/l	3600	
As	75	74	2	140.52	702.62	ug/l	1800	
Zn	66	45	2	1222.46	6112.32	ug/l	900	fail
Cu	63	45	2	719.58	3597.91	ug/l	900	
Ni	60	45	2	423.89	2119.44	ug/l	900	
Co	59	45	2	121.42	607.11	ug/l	1800	
Fe	56	45	2	283963.21	1419816.07	ug/l	180000	fail
Mn	55	45	2	6364.98	31824.92	ug/l	18000	
Cr	52	45	2	316.46	1582.31	ug/l	1800	
V	51	45	2	381.06	1905.29	ug/l	3600	
Ti	47	45	2	4197.07	20985.33	ug/l	3600	fail
Ca	44	45	2	199976.53	999882.63	ug/l	360000	
K	39	45	2	27910.28	139551.42	ug/l	180000	
Al	27	45	2	118146.10	590730.51	ug/l	36000	fail
Mg	24	45	2	76133.89	380669.46	ug/l	180000	
Na	23	45	2	59327.07	296635.35	ug/l	180000	
B	11	6	2	149.07	745.34	ug/l	7200	
Be	9	6	2	11.40	57.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	54469	0.46	64907	83.9	60	120	
Bi	209	2	218350	1.45	261847	83.4	60	120	
Tb	159	2	384327	1.82	357511	107.5	60	120	
In	115	2	120531	1.86	138468	87.0	60	120	
Kr	83	2	398	12.12	184	215.7	-1000	1000	
Ge	74	2	18681	1.63	20238	92.3	60	120	
Sc	45	2	183049	3.41	156597	116.9	60	120	
Li	6	2	17194	2.81	20978	82.0	60	120	

Sample Report

Sample Name	**460-78044-H-10-A@5**
Data File Name	**009SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:20:00-04:00**
Type	**Sample**
VialNumber	**2111**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	11.82	59.08	ug/l	1800	
Pb	208	209	2	7056.16	35280.78	ug/l	3600	fail
Tl	205	209	2	2.98	14.89	ug/l	720	
Ba	137	159	2	892.65	4463.26	ug/l	3600	
Sb	121	115	2	2.97	14.84	ug/l	3600	
Sn	118	115	2	690.45	3452.25	ug/l	3600	
Cd	111	115	2	12.87	64.34	ug/l	3600	
Ag	107	115	2	5.40	27.01	ug/l	180	
Mo	95	115	2	58.69	293.45	ug/l	3600	
Sr	88	115	2	3151.56	15757.80	ug/l	3600	
As	75	74	2	240.45	1202.25	ug/l	1800	
Zn	66	45	2	4259.44	21297.19	ug/l	900	fail
Cu	63	45	2	2573.32	12866.58	ug/l	900	fail
Ni	60	45	2	885.65	4428.26	ug/l	900	
Co	59	45	2	196.27	981.36	ug/l	1800	
Fe	56	45	2	387548.66	1937743.28	ug/l	180000	fail
Mn	55	45	2	11693.03	58465.13	ug/l	18000	
Cr	52	45	2	650.27	3251.33	ug/l	1800	
V	51	45	2	538.02	2690.08	ug/l	3600	
Ti	47	45	2	4196.60	20982.98	ug/l	3600	fail
Ca	44	45	2	522876.21	2614381.06	ug/l	360000	fail
K	39	45	2	29502.39	147511.94	ug/l	180000	
Al	27	45	2	148748.86	743744.30	ug/l	36000	fail
Mg	24	45	2	119868.07	599340.36	ug/l	180000	
Na	23	45	2	81025.86	405129.32	ug/l	180000	
B	11	6	2	234.25	1171.23	ug/l	7200	
Be	9	6	2	14.99	74.95	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	48511	0.24	64907	74.7	60	120	
Bi	209	2	207897	1.06	261847	79.4	60	120	
Tb	159	2	345896	0.66	357511	96.8	60	120	
In	115	2	105920	1.62	138468	76.5	60	120	
Kr	83	2	431	12.99	184	233.7	-1000	1000	
Ge	74	2	15941	1.34	20238	78.8	60	120	
Sc	45	2	169274	2.45	156597	108.1	60	120	
Li	6	2	15154	2.86	20978	72.2	60	120	

Sample Report

Sample Name	**460-78044-H-10-A@50**
Data File Name	**010SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:25:21-04:00**
Type	**Sample**
VialNumber	**2112**
Dilution	**50**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.39	69.32	ug/l	1800	
Pb	208	209	2	831.66	41582.97	ug/l	3600	
Tl	205	209	2	0.32	15.90	ug/l	720	
Ba	137	159	2	104.93	5246.36	ug/l	3600	
Sb	121	115	2	0.35	17.50	ug/l	3600	
Sn	118	115	2	71.57	3578.67	ug/l	3600	
Cd	111	115	2	1.48	74.10	ug/l	3600	
Ag	107	115	2	0.63	31.40	ug/l	180	
Mo	95	115	2	5.79	289.67	ug/l	3600	
Sr	88	115	2	309.73	15486.57	ug/l	3600	
As	75	74	2	27.01	1350.30	ug/l	1800	
Zn	66	45	2	731.18	36558.84	ug/l	900	
Cu	63	45	2	413.14	20656.92	ug/l	900	
Ni	60	45	2	134.31	6715.30	ug/l	900	
Co	59	45	2	28.89	1444.71	ug/l	1800	
Fe	56	45	2	56079.30	2803965.17	ug/l	180000	
Mn	55	45	2	1719.87	85993.62	ug/l	18000	
Cr	52	45	2	89.58	4478.75	ug/l	1800	
V	51	45	2	72.15	3607.66	ug/l	3600	
Ti	47	45	2	562.83	28141.29	ug/l	3600	
Ca	44	45	2	73699.38	3684969.02	ug/l	360000	
K	39	45	2	4187.02	209350.84	ug/l	180000	
Al	27	45	2	21134.15	1056707.38	ug/l	36000	
Mg	24	45	2	16999.04	849951.77	ug/l	180000	
Na	23	45	2	11064.04	553201.75	ug/l	180000	
B	11	6	2	31.16	1557.92	ug/l	7200	
Be	9	6	2	1.79	89.60	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	48915	0.47	64907	75.4	60	120	
Bi	209	2	206239	1.48	261847	78.8	60	120	
Tb	159	2	307646	1.97	357511	86.1	60	120	
In	115	2	113146	2.21	138468	81.7	60	120	
Kr	83	2	240	13.89	184	130.1	-1000	1000	
Ge	74	2	16042	3.07	20238	79.3	60	120	
Sc	45	2	127717	3.59	156597	81.6	60	120	
Li	6	2	14122	4.58	20978	67.3	60	120	

Sample Report

Sample Name	**460-78044-H-11-A@5**
Data File Name	**011SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:30:47-04:00**
Type	**Sample**
VialNumber	**2201**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	4.99	24.96	ug/l	1800	
Pb	208	209	2	2252.37	11261.87	ug/l	3600	
Tl	205	209	2	1.31	6.54	ug/l	720	
Ba	137	159	2	1201.69	6008.44	ug/l	3600	
Sb	121	115	2	0.72	3.62	ug/l	3600	
Sn	118	115	2	137.75	688.76	ug/l	3600	
Cd	111	115	2	2.42	12.12	ug/l	3600	
Ag	107	115	2	2.27	11.34	ug/l	180	
Mo	95	115	2	10.02	50.09	ug/l	3600	
Sr	88	115	2	507.19	2535.96	ug/l	3600	
As	75	74	2	55.65	278.24	ug/l	1800	
Zn	66	45	2	982.76	4913.80	ug/l	900	fail
Cu	63	45	2	778.08	3890.40	ug/l	900	
Ni	60	45	2	372.82	1864.11	ug/l	900	
Co	59	45	2	78.34	391.68	ug/l	1800	
Fe	56	45	2	145987.78	729938.88	ug/l	180000	
Mn	55	45	2	4753.38	23766.91	ug/l	18000	
Cr	52	45	2	219.42	1097.12	ug/l	1800	
V	51	45	2	219.23	1096.16	ug/l	3600	
Ti	47	45	2	2673.39	13366.95	ug/l	3600	
Ca	44	45	2	94596.82	472984.09	ug/l	360000	
K	39	45	2	20647.75	103238.75	ug/l	180000	
Al	27	45	2	76958.21	384791.05	ug/l	36000	fail
Mg	24	45	2	59030.84	295154.22	ug/l	180000	
Na	23	45	2	33695.50	168477.48	ug/l	180000	
B	11	6	2	131.00	655.01	ug/l	7200	
Be	9	6	2	6.95	34.73	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	49113	5.39	64907	75.7	60	120	
Bi	209	2	224794	1.81	261847	85.8	60	120	
Tb	159	2	346270	1.71	357511	96.9	60	120	
In	115	2	117145	1.81	138468	84.6	60	120	
Kr	83	2	317	6.40	184	171.7	-1000	1000	
Ge	74	2	17363	2.57	20238	85.8	60	120	
Sc	45	2	162987	2.83	156597	104.1	60	120	
Li	6	2	15832	3.72	20978	75.5	60	120	

Sample Report

Sample Name	**460-78044-H-11-A@20**
Data File Name	**012SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:36:09-04:00**
Type	**Sample**
VialNumber	**2202**
Dilution	**20**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	1.24	24.88	ug/l	1800	
Pb	208	209	2	631.18	12623.57	ug/l	3600	
Tl	205	209	2	0.35	7.03	ug/l	720	
Ba	137	159	2	334.01	6680.19	ug/l	3600	
Sb	121	115	2	0.16	3.26	ug/l	3600	
Sn	118	115	2	35.61	712.19	ug/l	3600	
Cd	111	115	2	0.64	12.76	ug/l	3600	
Ag	107	115	2	0.63	12.69	ug/l	180	
Mo	95	115	2	2.59	51.80	ug/l	3600	
Sr	88	115	2	126.46	2529.30	ug/l	3600	
As	75	74	2	14.17	283.31	ug/l	1800	
Zn	66	45	2	320.78	6415.54	ug/l	900	
Cu	63	45	2	242.64	4852.76	ug/l	900	
Ni	60	45	2	113.78	2275.51	ug/l	900	
Co	59	45	2	23.53	470.64	ug/l	1800	
Fe	56	45	2	43539.74	870794.75	ug/l	180000	
Mn	55	45	2	1461.64	29232.83	ug/l	18000	
Cr	52	45	2	64.09	1281.78	ug/l	1800	
V	51	45	2	62.81	1256.23	ug/l	3600	
Ti	47	45	2	776.65	15533.03	ug/l	3600	
Ca	44	45	2	27395.80	547915.92	ug/l	360000	
K	39	45	2	6141.77	122835.37	ug/l	180000	
Al	27	45	2	23368.81	467376.19	ug/l	36000	
Mg	24	45	2	17647.22	352944.49	ug/l	180000	
Na	23	45	2	9829.84	196596.88	ug/l	180000	
B	11	6	2	36.08	721.70	ug/l	7200	
Be	9	6	2	1.90	37.93	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51000	0.94	64907	78.6	60	120	
Bi	209	2	215823	2.25	261847	82.4	60	120	
Tb	159	2	317123	2.61	357511	88.7	60	120	
In	115	2	118681	2.16	138468	85.7	60	120	
Kr	83	2	231	7.40	184	125.3	-1000	1000	
Ge	74	2	17276	4.73	20238	85.4	60	120	
Sc	45	2	139104	3.48	156597	88.8	60	120	
Li	6	2	14800	4.77	20978	70.6	60	120	

Sample Report

Sample Name	**460-78044-H-8-A@5**
Data File Name	**013SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:41:35-04:00**
Type	**Sample**
VialNumber	**2108**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	2.47	12.37	ug/l	1800	
Pb	208	209	2	224.55	1122.73	ug/l	3600	
Tl	205	209	2	0.26	1.32	ug/l	720	
Ba	137	159	2	142.73	713.66	ug/l	3600	
Sb	121	115	2	1.11	5.53	ug/l	3600	
Sn	118	115	2	17.76	88.81	ug/l	3600	
Cd	111	115	2	0.53	2.67	ug/l	3600	
Ag	107	115	2	0.63	3.15	ug/l	180	
Mo	95	115	2	8.76	43.81	ug/l	3600	
Sr	88	115	2	247.11	1235.54	ug/l	3600	
As	75	74	2	58.93	294.65	ug/l	1800	
Zn	66	45	2	225.83	1129.16	ug/l	900	
Cu	63	45	2	75.03	375.14	ug/l	900	
Ni	60	45	2	51.93	259.66	ug/l	900	
Co	59	45	2	14.32	71.61	ug/l	1800	
Fe	56	45	2	31221.90	156109.49	ug/l	180000	
Mn	55	45	2	2811.85	14059.25	ug/l	18000	
Cr	52	45	2	44.44	222.18	ug/l	1800	
V	51	45	2	32.62	163.09	ug/l	3600	
Ti	47	45	2	428.25	2141.26	ug/l	3600	
Ca	44	45	2	39402.55	197012.77	ug/l	360000	
K	39	45	2	10126.69	50633.45	ug/l	180000	
Al	27	45	2	13025.32	65126.62	ug/l	36000	
Mg	24	45	2	17549.17	87745.87	ug/l	180000	
Na	23	45	2	105664.97	528324.87	ug/l	180000	
B	11	6	2	117.24	586.22	ug/l	7200	
Be	9	6	2	0.87	4.35	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51640	0.36	64907	79.6	60	120	
Bi	209	2	202593	1.30	261847	77.4	60	120	
Tb	159	2	313125	2.10	357511	87.6	60	120	
In	115	2	117142	2.82	138468	84.6	60	120	
Kr	83	2	224	14.88	184	121.7	-1000	1000	
Ge	74	2	17292	3.84	20238	85.4	60	120	
Sc	45	2	134955	3.07	156597	86.2	60	120	
Li	6	2	14680	3.98	20978	70.0	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0146CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:47:01-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	48.80	1.79	ug/l	2600.10	3.66	50	97.6	90	110	
B	11	6	2	96.55	5.87	ug/l	2064.65	5.59	100	96.5	90	110	
Na	23	45	2	4555.68	1.12	ug/l	1840381.74	5.19	5000	91.1	90	110	
Mg	24	45	2	4515.81	0.69	ug/l	945790.56	4.65	5000	90.3	90	110	
Al	27	45	2	458.15	0.94	ug/l	45461.45	4.94	500	91.6	90	110	
K	39	45	2	4889.80	0.73	ug/l	902476.63	4.71	5000	97.8	90	110	
Ca	44	45	2	4845.90	0.44	ug/l	39132.89	3.70	5000	96.9	90	110	
Ti	47	45	2	46.64	1.73	ug/l	2080.21	5.85	50	93.3	90	110	
V	51	45	2	47.98	0.64	ug/l	53913.15	4.05	50	96.0	90	110	
Cr	52	45	2	48.01	1.53	ug/l	62310.42	4.00	50	96.0	90	110	
Mn	55	45	2	486.09	0.17	ug/l	433985.98	4.05	500	97.2	90	110	
Fe	56	45	2	4888.22	0.56	ug/l	5091095.86	3.92	5000	97.8	90	110	
Co	59	45	2	48.50	1.09	ug/l	91555.41	3.16	50	97.0	90	110	
Ni	60	45	2	48.62	0.31	ug/l	23749.65	4.43	50	97.2	90	110	
Cu	63	45	2	49.00	0.41	ug/l	62531.32	3.74	50	98.0	90	110	
Zn	66	45	2	48.30	1.50	ug/l	9361.99	5.17	50	96.6	90	110	
As	75	74	2	48.49	2.11	ug/l	6310.26	4.65	50	97.0	90	110	
Se	78	74	1	48.32	0.25	ug/l	4191.51	0.52	50	96.6	90	110	
Sr	88	115	2	47.25	0.39	ug/l	57432.74	2.52	50	94.5	90	110	
Mo	95	115	2	44.94	0.88	ug/l	29780.57	2.79	50	89.9	90	110	6-CCV Main Failed
Ag	107	115	2	46.10	0.23	ug/l	93710.92	2.57	50	92.2	90	110	
Cd	111	115	2	46.48	1.50	ug/l	14503.99	2.37	50	93.0	90	110	
Sn	118	115	2	47.32	0.84	ug/l	37383.41	2.33	50	94.6	90	110	
Sb	121	115	2	47.15	2.32	ug/l	40636.41	2.07	50	94.3	90	110	
Ba	137	159	2	49.59	1.30	ug/l	18955.84	1.60	50	99.2	90	110	
Tl	205	209	2	9.46	0.33	ug/l	43282.88	1.70	10	94.6	90	110	
Pb	208	209	2	47.77	0.29	ug/l	293206.14	2.24	50	95.5	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	13951	5.43	20978	66.5	60	120	
Sc	45	2	129378	4.14	156597	82.6	60	120	
Ge	74	1	51085	0.32	64907	78.7	60	120	
Ge	74	2	16972	3.84	20238	83.9	60	120	
Kr	83	2	196	16.11	184	106.0	-1000	1000	
In	115	2	121873	2.42	138468	88.0	60	120	
Tb	159	2	309140	2.14	357511	86.5	60	120	
Bi	209	2	216646	1.98	261847	82.7	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0156CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:52:30-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-74.05	ug/l	1.00	33.00	0.2	
B	11	6	2	1.49	29.39	ug/l	66.67	8.66	20	
Na	23	45	2	-1.00	-66.46	ug/l	9903.31	6.59	50	
Mg	24	45	2	0.56	10.80	ug/l	195.56	8.05	50	
Al	27	45	2	-0.21	-20.68	ug/l	60.00	11.12	10	
K	39	45	2	-4.84	-17.05	ug/l	20098.69	4.30	50	
Ca	44	45	2	0.56	314.74	ug/l	33.89	40.06	50	
Ti	47	45	2	0.13	82.37	ug/l	7.78	65.47	1	
V	51	45	2	0.04	51.89	ug/l	281.13	10.76	1	
Cr	52	45	2	0.01	187.91	ug/l	128.89	18.17	1	
Mn	55	45	2	0.05	72.10	ug/l	115.56	32.16	2	
Fe	56	45	2	2.45	0.31	ug/l	4250.08	3.89	30	
Co	59	45	2	-0.01	-17.39	ug/l	12.22	15.73	1	
Ni	60	45	2	0.03	116.18	ug/l	28.89	52.04	1	
Cu	63	45	2	-0.10	-14.91	ug/l	490.02	2.04	1	
Zn	66	45	2	-0.08	-91.87	ug/l	36.67	41.67	4	
As	75	74	2	0.04	116.96	ug/l	18.89	35.65	0.5	
Se	78	74	1	0.01	99.95	ug/l	3.72	33.96	0.5	
Sr	88	115	2	0.00	-465.19	ug/l	6.67	99.98	1	
Mo	95	115	2	0.00	2044.32	ug/l	25.56	45.82	1	
Ag	107	115	2	0.00	46.92	ug/l	10.00	33.30	1	
Cd	111	115	2	0.01	4.67	ug/l	6.67	0.00	0.5	
Sn	118	115	2	0.05	51.50	ug/l	73.34	25.30	4	
Sb	121	115	2	0.02	51.97	ug/l	56.67	21.20	0.5	
Ba	137	159	2	-0.05	-19.88	ug/l	6.67	50.03	1	
Tl	205	209	2	0.00	40.17	ug/l	34.44	5.60	0.2	
Pb	208	209	2	0.05	11.72	ug/l	408.90	9.55	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	14210	6.15	20978	67.7	60	120	
Sc	45	2	132221	3.88	156597	84.4	60	120	
Ge	74	1	51318	0.30	64907	79.1	60	120	
Ge	74	2	17602	3.21	20238	87.0	60	120	
Kr	83	2	194	7.14	184	105.4	-1000	1000	
In	115	2	125305	2.69	138468	90.5	60	120	
Tb	159	2	313783	2.00	357511	87.8	60	120	
Bi	209	2	223612	2.14	261847	85.4	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Sample Report

Sample Name	**460-78265-L-1-C MS@5**
Data File Name	**016SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T18:58:02-04:00**
Type	**Sample**
VialNumber	**2304**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.69	48.43	ug/l	1800	
Pb	208	209	2	4.90	24.51	ug/l	3600	
Tl	205	209	2	3.74	18.72	ug/l	720	
Ba	137	159	2	36.22	181.11	ug/l	3600	
Sb	121	115	2	4.75	23.74	ug/l	3600	
Sn	118	115	2	9.40	46.99	ug/l	3600	
Cd	111	115	2	4.72	23.62	ug/l	3600	
Ag	107	115	2	4.52	22.62	ug/l	180	
Mo	95	115	2	10.17	50.85	ug/l	3600	
Sr	88	115	2	257.97	1289.87	ug/l	3600	
As	75	74	2	9.63	48.15	ug/l	1800	
Zn	66	45	2	64.46	322.31	ug/l	900	
Cu	63	45	2	13.92	69.59	ug/l	900	
Ni	60	45	2	9.47	47.37	ug/l	900	
Co	59	45	2	4.65	23.25	ug/l	1800	
Fe	56	45	2	529.41	2647.07	ug/l	180000	
Mn	55	45	2	48.17	240.87	ug/l	18000	
Cr	52	45	2	9.44	47.20	ug/l	1800	
V	51	45	2	9.71	48.54	ug/l	3600	
Ti	47	45	2	9.72	48.58	ug/l	3600	
Ca	44	45	2	11720.77	58603.85	ug/l	360000	
K	39	45	2	614.57	3072.84	ug/l	180000	
Al	27	45	2	449.09	2245.44	ug/l	36000	
Mg	24	45	2	5640.45	28202.25	ug/l	180000	
Na	23	45	2	4429.95	22149.74	ug/l	180000	
B	11	6	2	112.16	560.79	ug/l	7200	
Be	9	6	2	4.83	24.17	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	52243	0.39	64907	80.5	60	120	
Bi	209	2	220257	2.08	261847	84.1	60	120	
Tb	159	2	314937	2.38	357511	88.1	60	120	
In	115	2	123271	2.78	138468	89.0	60	120	
Kr	83	2	190	16.08	184	103.0	-1000	1000	
Ge	74	2	17741	3.62	20238	87.7	60	120	
Sc	45	2	134623	4.52	156597	86.0	60	120	
Li	6	2	14405	2.66	20978	68.7	60	120	

Sample Report

Sample Name	**460-78265-L-1-B DU@5**
Data File Name	**017SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:03:33-04:00**
Type	**Sample**
VialNumber	**2305**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.07	ug/l	1800	
Pb	208	209	2	0.20	1.02	ug/l	3600	
Tl	205	209	2	0.00	0.01	ug/l	720	
Ba	137	159	2	27.86	139.31	ug/l	3600	
Sb	121	115	2	0.08	0.40	ug/l	3600	
Sn	118	115	2	0.12	0.62	ug/l	3600	
Cd	111	115	2	0.00	0.01	ug/l	3600	
Ag	107	115	2	0.01	0.03	ug/l	180	
Mo	95	115	2	1.39	6.94	ug/l	3600	
Sr	88	115	2	259.32	1296.58	ug/l	3600	
As	75	74	2	0.22	1.08	ug/l	1800	
Zn	66	45	2	18.56	92.78	ug/l	900	
Cu	63	45	2	4.82	24.12	ug/l	900	
Ni	60	45	2	0.25	1.24	ug/l	900	
Co	59	45	2	0.01	0.03	ug/l	1800	
Fe	56	45	2	7.50	37.51	ug/l	180000	
Mn	55	45	2	0.61	3.07	ug/l	18000	
Cr	52	45	2	0.09	0.46	ug/l	1800	
V	51	45	2	0.40	2.02	ug/l	3600	
Ti	47	45	2	0.11	0.57	ug/l	3600	
Ca	44	45	2	11818.79	59093.94	ug/l	360000	
K	39	45	2	141.46	707.30	ug/l	180000	
Al	27	45	2	3.72	18.62	ug/l	36000	
Mg	24	45	2	5481.15	27405.77	ug/l	180000	
Na	23	45	2	4208.99	21044.96	ug/l	180000	
B	11	6	2	21.35	106.73	ug/l	7200	
Be	9	6	2	-0.01	-0.07	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	53687	0.29	64907	82.7	60	120	
Bi	209	2	216456	3.13	261847	82.7	60	120	
Tb	159	2	306000	4.41	357511	85.6	60	120	
In	115	2	119563	4.84	138468	86.3	60	120	
Kr	83	2	233	3.78	184	126.5	-1000	1000	
Ge	74	2	17169	4.31	20238	84.8	60	120	
Sc	45	2	128612	6.34	156597	82.1	60	120	
Li	6	2	14073	4.27	20978	67.1	60	120	

Sample Report

Sample Name	**460-78265-L-1-A@5**
Data File Name	**018SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:09:04-04:00**
Type	**Sample**
VialNumber	**2306**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.07	ug/l	1800	
Pb	208	209	2	0.19	0.94	ug/l	3600	
Tl	205	209	2	0.00	-0.01	ug/l	720	
Ba	137	159	2	27.24	136.20	ug/l	3600	
Sb	121	115	2	0.05	0.27	ug/l	3600	
Sn	118	115	2	0.10	0.52	ug/l	3600	
Cd	111	115	2	0.00	0.01	ug/l	3600	
Ag	107	115	2	0.00	0.02	ug/l	180	
Mo	95	115	2	1.29	6.43	ug/l	3600	
Sr	88	115	2	252.44	1262.22	ug/l	3600	
As	75	74	2	0.21	1.06	ug/l	1800	
Zn	66	45	2	18.93	94.64	ug/l	900	
Cu	63	45	2	4.73	23.63	ug/l	900	
Ni	60	45	2	0.21	1.04	ug/l	900	
Co	59	45	2	0.01	0.04	ug/l	1800	
Fe	56	45	2	6.89	34.45	ug/l	180000	
Mn	55	45	2	0.63	3.13	ug/l	18000	
Cr	52	45	2	0.06	0.31	ug/l	1800	
V	51	45	2	0.46	2.29	ug/l	3600	
Ti	47	45	2	0.08	0.42	ug/l	3600	
Ca	44	45	2	11530.44	57652.20	ug/l	360000	
K	39	45	2	133.65	668.25	ug/l	180000	
Al	27	45	2	3.08	15.38	ug/l	36000	
Mg	24	45	2	5377.01	26885.07	ug/l	180000	
Na	23	45	2	4067.83	20339.14	ug/l	180000	
B	11	6	2	17.97	89.87	ug/l	7200	
Be	9	6	2	-0.02	-0.10	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	47940	19.85	64907	73.9	60	120	
Bi	209	2	219258	1.47	261847	83.7	60	120	
Tb	159	2	309792	1.66	357511	86.7	60	120	
In	115	2	122258	2.76	138468	88.3	60	120	
Kr	83	2	179	8.61	184	97.0	-1000	1000	
Ge	74	2	17493	3.91	20238	86.4	60	120	
Sc	45	2	131444	3.56	156597	83.9	60	120	
Li	6	2	14313	4.35	20978	68.2	60	120	

Sample Report

Sample Name	**SD 460-78265-L-1-A@25**
Data File Name	**019SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:14:36-04:00**
Type	**Sample**
VialNumber	**2307**
Dilution	**25**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.24	ug/l	1800	
Pb	208	209	2	0.05	1.32	ug/l	3600	
Tl	205	209	2	0.00	-0.08	ug/l	720	
Ba	137	159	2	5.54	138.45	ug/l	3600	
Sb	121	115	2	0.01	0.27	ug/l	3600	
Sn	118	115	2	0.03	0.80	ug/l	3600	
Cd	111	115	2	0.00	0.04	ug/l	3600	
Ag	107	115	2	0.00	0.06	ug/l	180	
Mo	95	115	2	0.21	5.15	ug/l	3600	
Sr	88	115	2	51.45	1286.15	ug/l	3600	
As	75	74	2	0.01	0.29	ug/l	1800	
Zn	66	45	2	3.69	92.19	ug/l	900	
Cu	63	45	2	0.97	24.33	ug/l	900	
Ni	60	45	2	0.05	1.18	ug/l	900	
Co	59	45	2	-0.01	-0.15	ug/l	1800	
Fe	56	45	2	2.24	56.03	ug/l	180000	
Mn	55	45	2	0.13	3.18	ug/l	18000	
Cr	52	45	2	0.01	0.28	ug/l	1800	
V	51	45	2	0.16	3.94	ug/l	3600	
Ti	47	45	2	0.01	0.36	ug/l	3600	
Ca	44	45	2	2334.58	58364.61	ug/l	360000	
K	39	45	2	25.77	644.17	ug/l	180000	
Al	27	45	2	0.67	16.79	ug/l	36000	
Mg	24	45	2	1101.10	27527.47	ug/l	180000	
Na	23	45	2	824.30	20607.42	ug/l	180000	
B	11	6	2	3.96	98.98	ug/l	7200	
Be	9	6	2	-0.02	-0.46	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	50691	0.19	64907	78.1	60	120	
Bi	209	2	219579	2.18	261847	83.9	60	120	
Tb	159	2	307460	2.29	357511	86.0	60	120	
In	115	2	122991	2.64	138468	88.8	60	120	
Kr	83	2	202	22.86	184	109.6	-1000	1000	
Ge	74	2	17330	2.80	20238	85.6	60	120	
Sc	45	2	130156	3.92	156597	83.1	60	120	
Li	6	2	13823	5.69	20978	65.9	60	120	

Sample Report

Sample Name	**460-77976-K-1-B@5**
Data File Name	**020SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:20:08-04:00**
Type	**Sample**
VialNumber	**2308**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.28	1.41	ug/l	1800	
Pb	208	209	2	0.21	1.03	ug/l	3600	
Tl	205	209	2	0.00	0.00	ug/l	720	
Ba	137	159	2	5.79	28.95	ug/l	3600	
Sb	121	115	2	0.04	0.21	ug/l	3600	
Sn	118	115	2	0.36	1.78	ug/l	3600	
Cd	111	115	2	0.04	0.19	ug/l	3600	
Ag	107	115	2	2.63	13.15	ug/l	180	
Mo	95	115	2	0.62	3.09	ug/l	3600	
Sr	88	115	2	28.20	140.99	ug/l	3600	
As	75	74	2	0.12	0.62	ug/l	1800	
Zn	66	45	2	19.69	98.43	ug/l	900	
Cu	63	45	2	16.69	83.45	ug/l	900	
Ni	60	45	2	0.93	4.67	ug/l	900	
Co	59	45	2	0.08	0.40	ug/l	1800	
Fe	56	45	2	132.36	661.81	ug/l	180000	
Mn	55	45	2	11.06	55.31	ug/l	18000	
Cr	52	45	2	0.76	3.79	ug/l	1800	
V	51	45	2	0.30	1.49	ug/l	3600	
Ti	47	45	2	0.71	3.55	ug/l	3600	
Ca	44	45	2	4621.25	23106.23	ug/l	360000	
K	39	45	2	13449.38	67246.88	ug/l	180000	
Al	27	45	2	28.53	142.65	ug/l	36000	
Mg	24	45	2	1621.23	8106.13	ug/l	180000	
Na	23	45	2	15762.54	78812.72	ug/l	180000	
B	11	6	2	64.03	320.14	ug/l	7200	
Be	9	6	2	-0.02	-0.10	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	49764	0.27	64907	76.7	60	120	
Bi	209	2	241197	1.93	261847	92.1	60	120	
Tb	159	2	306316	2.39	357511	85.7	60	120	
In	115	2	119889	2.83	138468	86.6	60	120	
Kr	83	2	219	3.17	184	118.7	-1000	1000	
Ge	74	2	17083	3.89	20238	84.4	60	120	
Sc	45	2	128690	3.52	156597	82.2	60	120	
Li	6	2	13781	4.65	20978	65.7	60	120	

Sample Report

Sample Name	**460-78184-B-4-A@5**
Data File Name	**021SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:25:41-04:00**
Type	**Sample**
VialNumber	**2309**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.03	0.13	ug/l	1800	
Pb	208	209	2	0.04	0.18	ug/l	3600	
Tl	205	209	2	0.00	0.01	ug/l	720	
Ba	137	159	2	8.55	42.75	ug/l	3600	
Sb	121	115	2	0.01	0.05	ug/l	3600	
Sn	118	115	2	0.05	0.24	ug/l	3600	
Cd	111	115	2	0.19	0.96	ug/l	3600	
Ag	107	115	2	0.00	0.02	ug/l	180	
Mo	95	115	2	-0.01	-0.07	ug/l	3600	
Sr	88	115	2	111.25	556.23	ug/l	3600	
As	75	74	2	0.12	0.58	ug/l	1800	
Zn	66	45	2	11.39	56.97	ug/l	900	
Cu	63	45	2	0.04	0.22	ug/l	900	
Ni	60	45	2	62.23	311.15	ug/l	900	
Co	59	45	2	0.14	0.72	ug/l	1800	
Fe	56	45	2	2.23	11.16	ug/l	180000	
Mn	55	45	2	1615.73	8078.67	ug/l	18000	
Cr	52	45	2	0.03	0.13	ug/l	1800	
V	51	45	2	0.19	0.97	ug/l	3600	
Ti	47	45	2	0.04	0.18	ug/l	3600	
Ca	44	45	2	16863.46	84317.28	ug/l	360000	
K	39	45	2	1830.03	9150.16	ug/l	180000	
Al	27	45	2	1.33	6.67	ug/l	36000	
Mg	24	45	2	6457.25	32286.27	ug/l	180000	
Na	23	45	2	6137.77	30688.87	ug/l	180000	
B	11	6	2	20.48	102.39	ug/l	7200	
Be	9	6	2	-0.01	-0.07	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	49536	0.47	64907	76.3	60	120	
Bi	209	2	212263	1.83	261847	81.1	60	120	
Tb	159	2	305167	2.91	357511	85.4	60	120	
In	115	2	119435	2.59	138468	86.3	60	120	
Kr	83	2	190	22.40	184	103.0	-1000	1000	
Ge	74	2	16651	4.07	20238	82.3	60	120	
Sc	45	2	128749	4.49	156597	82.2	60	120	
Li	6	2	13435	3.12	20978	64.0	60	120	

Sample Report

Sample Name	**460-78184-B-4-B MS@5**
Data File Name	**022SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:31:11-04:00**
Type	**Sample**
VialNumber	**2310**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.55	47.75	ug/l	1800	
Pb	208	209	2	4.74	23.70	ug/l	3600	
Tl	205	209	2	3.73	18.66	ug/l	720	
Ba	137	159	2	17.60	87.99	ug/l	3600	
Sb	121	115	2	4.75	23.77	ug/l	3600	
Sn	118	115	2	9.33	46.64	ug/l	3600	
Cd	111	115	2	4.83	24.16	ug/l	3600	
Ag	107	115	2	4.56	22.79	ug/l	180	
Mo	95	115	2	8.94	44.69	ug/l	3600	
Sr	88	115	2	118.09	590.44	ug/l	3600	
As	75	74	2	9.99	49.97	ug/l	1800	
Zn	66	45	2	57.17	285.83	ug/l	900	
Cu	63	45	2	9.38	46.90	ug/l	900	
Ni	60	45	2	68.88	344.41	ug/l	900	
Co	59	45	2	4.79	23.96	ug/l	1800	
Fe	56	45	2	521.21	2606.05	ug/l	180000	
Mn	55	45	2	1617.73	8088.66	ug/l	18000	
Cr	52	45	2	9.23	46.16	ug/l	1800	
V	51	45	2	9.64	48.20	ug/l	3600	
Ti	47	45	2	9.31	46.57	ug/l	3600	
Ca	44	45	2	16878.62	84393.11	ug/l	360000	
K	39	45	2	2267.88	11339.40	ug/l	180000	
Al	27	45	2	450.93	2254.65	ug/l	36000	
Mg	24	45	2	6708.80	33544.00	ug/l	180000	
Na	23	45	2	6386.28	31931.38	ug/l	180000	
B	11	6	2	118.08	590.42	ug/l	7200	
Be	9	6	2	5.04	25.18	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	50320	0.38	64907	77.5	60	120	
Bi	209	2	216373	3.45	261847	82.6	60	120	
Tb	159	2	313562	4.25	357511	87.7	60	120	
In	115	2	122225	4.08	138468	88.3	60	120	
Kr	83	2	193	46.87	184	104.8	-1000	1000	
Ge	74	2	17242	2.77	20238	85.2	60	120	
Sc	45	2	131713	6.10	156597	84.1	60	120	
Li	6	2	13728	6.14	20978	65.4	60	120	

Sample Report

Sample Name	**PDS 460-78073-N-2-A@5**
Data File Name	**023SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:36:41-04:00**
Type	**Sample**
VialNumber	**2311**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.52	47.62	ug/l	1800	
Pb	208	209	2	29.47	147.34	ug/l	3600	
Tl	205	209	2	3.64	18.20	ug/l	720	
Ba	137	159	2	129.24	646.20	ug/l	3600	
Sb	121	115	2	4.45	22.26	ug/l	3600	
Sn	118	115	2	9.81	49.04	ug/l	3600	
Cd	111	115	2	4.27	21.37	ug/l	3600	
Ag	107	115	2	4.91	24.55	ug/l	180	
Mo	95	115	2	9.86	49.32	ug/l	3600	
Sr	88	115	2	115.93	579.63	ug/l	3600	
As	75	74	2	11.56	57.80	ug/l	1800	
Zn	66	45	2	74.15	370.76	ug/l	900	
Cu	63	45	2	27.99	139.97	ug/l	900	
Ni	60	45	2	36.89	184.46	ug/l	900	
Co	59	45	2	11.25	56.27	ug/l	1800	
Fe	56	45	2	9412.83	47064.17	ug/l	180000	
Mn	55	45	2	528.53	2642.64	ug/l	18000	
Cr	52	45	2	26.02	130.08	ug/l	1800	
V	51	45	2	25.89	129.43	ug/l	3600	
Ti	47	45	2	261.63	1308.14	ug/l	3600	
Ca	44	45	2	30693.16	153465.81	ug/l	360000	
K	39	45	2	6734.73	33673.65	ug/l	180000	
Al	27	45	2	7589.02	37945.08	ug/l	36000	
Mg	24	45	2	13008.67	65043.34	ug/l	180000	
Na	23	45	2	32572.87	162864.36	ug/l	180000	
B	11	6	2	145.66	728.31	ug/l	7200	
Be	9	6	2	5.02	25.10	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51706	0.24	64907	79.7	60	120	
Bi	209	2	210859	1.91	261847	80.5	60	120	
Tb	159	2	318058	1.72	357511	89.0	60	120	
In	115	2	121329	1.84	138468	87.6	60	120	
Kr	83	2	213	9.37	184	115.7	-1000	1000	
Ge	74	2	17588	2.10	20238	86.9	60	120	
Sc	45	2	134833	3.63	156597	86.1	60	120	
Li	6	2	13926	4.46	20978	66.4	60	120	

Sample Report

Sample Name	**460-78073-N-2-C MS@5**
Data File Name	**024SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:44:11-04:00**
Type	**Sample**
VialNumber	**2312**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.16	45.78	ug/l	1800	
Pb	208	209	2	28.49	142.44	ug/l	3600	
Tl	205	209	2	3.63	18.13	ug/l	720	
Ba	137	159	2	116.49	582.45	ug/l	3600	
Sb	121	115	2	3.13	15.66	ug/l	3600	
Sn	118	115	2	9.43	47.13	ug/l	3600	
Cd	111	115	2	4.59	22.96	ug/l	3600	
Ag	107	115	2	4.21	21.07	ug/l	180	
Mo	95	115	2	9.70	48.50	ug/l	3600	
Sr	88	115	2	116.18	580.91	ug/l	3600	
As	75	74	2	11.35	56.73	ug/l	1800	
Zn	66	45	2	71.31	356.57	ug/l	900	
Cu	63	45	2	27.02	135.09	ug/l	900	
Ni	60	45	2	31.93	159.67	ug/l	900	
Co	59	45	2	10.55	52.75	ug/l	1800	
Fe	56	45	2	8060.10	40300.48	ug/l	180000	
Mn	55	45	2	517.72	2588.62	ug/l	18000	
Cr	52	45	2	23.56	117.80	ug/l	1800	
V	51	45	2	23.81	119.05	ug/l	3600	
Ti	47	45	2	216.39	1081.97	ug/l	3600	
Ca	44	45	2	30852.86	154264.29	ug/l	360000	
K	39	45	2	6358.56	31792.82	ug/l	180000	
Al	27	45	2	6316.46	31582.31	ug/l	36000	
Mg	24	45	2	12677.81	63389.04	ug/l	180000	
Na	23	45	2	32776.53	163882.67	ug/l	180000	
B	11	6	2	137.24	686.21	ug/l	7200	
Be	9	6	2	4.87	24.34	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51717	0.58	64907	79.7	60	120	
Bi	209	2	208685	1.88	261847	79.7	60	120	
Tb	159	2	312501	1.59	357511	87.4	60	120	
In	115	2	119732	2.13	138468	86.5	60	120	
Kr	83	2	246	3.42	184	133.1	-1000	1000	
Ge	74	2	17330	2.84	20238	85.6	60	120	
Sc	45	2	134184	3.57	156597	85.7	60	120	
Li	6	2	13906	4.06	20978	66.3	60	120	

Sample Report

Sample Name	**460-78184-B-4-B MS@5**
Data File Name	**025SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:49:40-04:00**
Type	**Sample**
VialNumber	**2310**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.69	48.43	ug/l	1800	
Pb	208	209	2	4.79	23.96	ug/l	3600	
Tl	205	209	2	3.75	18.77	ug/l	720	
Ba	137	159	2	17.91	89.56	ug/l	3600	
Sb	121	115	2	4.70	23.52	ug/l	3600	
Sn	118	115	2	9.14	45.68	ug/l	3600	
Cd	111	115	2	4.86	24.30	ug/l	3600	
Ag	107	115	2	4.56	22.79	ug/l	180	
Mo	95	115	2	8.92	44.60	ug/l	3600	
Sr	88	115	2	117.00	585.02	ug/l	3600	
As	75	74	2	9.73	48.66	ug/l	1800	
Zn	66	45	2	57.62	288.09	ug/l	900	
Cu	63	45	2	9.19	45.96	ug/l	900	
Ni	60	45	2	69.00	344.98	ug/l	900	
Co	59	45	2	4.69	23.47	ug/l	1800	
Fe	56	45	2	522.84	2614.21	ug/l	180000	
Mn	55	45	2	1608.95	8044.73	ug/l	18000	
Cr	52	45	2	9.20	45.98	ug/l	1800	
V	51	45	2	9.46	47.29	ug/l	3600	
Ti	47	45	2	9.16	45.80	ug/l	3600	
Ca	44	45	2	16898.06	84490.31	ug/l	360000	
K	39	45	2	2265.01	11325.03	ug/l	180000	
Al	27	45	2	449.66	2248.28	ug/l	36000	
Mg	24	45	2	6689.30	33446.48	ug/l	180000	
Na	23	45	2	6361.79	31808.94	ug/l	180000	
B	11	6	2	112.95	564.75	ug/l	7200	
Be	9	6	2	4.82	24.11	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	50787	0.36	64907	78.2	60	120	
Bi	209	2	214239	2.25	261847	81.8	60	120	
Tb	159	2	309089	2.04	357511	86.5	60	120	
In	115	2	120611	2.59	138468	87.1	60	120	
Kr	83	2	194	6.93	184	105.4	-1000	1000	
Ge	74	2	17074	3.05	20238	84.4	60	120	
Sc	45	2	130348	3.98	156597	83.2	60	120	
Li	6	2	13801	4.96	20978	65.8	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0266CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T19:55:08-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	49.07	2.18	ug/l	2391.57	4.57	50	98.1	90	110	
B	11	6	2	99.51	6.06	ug/l	1946.85	7.57	100	99.5	90	110	
Na	23	45	2	4475.01	0.39	ug/l	1734178.81	4.28	5000	89.5	90	110	6-CCV Main Failed
Mg	24	45	2	4453.66	0.44	ug/l	894862.92	4.37	5000	89.1	90	110	6-CCV Main Failed
Al	27	45	2	456.02	0.98	ug/l	43414.24	4.90	500	91.2	90	110	
K	39	45	2	4874.61	0.47	ug/l	863137.98	4.32	5000	97.5	90	110	
Ca	44	45	2	4829.69	0.70	ug/l	37420.47	3.86	5000	96.6	90	110	
Ti	47	45	2	47.98	7.07	ug/l	2049.09	4.81	50	96.0	90	110	
V	51	45	2	47.31	0.93	ug/l	51020.25	4.83	50	94.6	90	110	
Cr	52	45	2	47.03	1.14	ug/l	58567.25	3.93	50	94.1	90	110	
Mn	55	45	2	483.17	0.48	ug/l	413841.07	3.80	500	96.6	90	110	
Fe	56	45	2	4812.43	0.34	ug/l	4809000.49	4.04	5000	96.2	90	110	
Co	59	45	2	47.23	0.10	ug/l	85558.84	3.98	50	94.5	90	110	
Ni	60	45	2	47.04	1.67	ug/l	22051.55	5.57	50	94.1	90	110	
Cu	63	45	2	47.24	1.57	ug/l	57834.18	2.43	50	94.5	90	110	
Zn	66	45	2	47.87	2.79	ug/l	8897.25	3.24	50	95.7	90	110	
As	75	74	2	46.18	1.03	ug/l	5883.42	2.76	50	92.4	90	110	
Se	78	74	1	48.50	1.05	ug/l	3922.27	0.48	50	97.0	90	110	
Sr	88	115	2	47.53	0.95	ug/l	55580.39	3.82	50	95.1	90	110	
Mo	95	115	2	44.42	1.51	ug/l	28321.19	4.23	50	88.8	90	110	6-CCV Main Failed
Ag	107	115	2	45.32	0.19	ug/l	88610.71	2.73	50	90.6	90	110	
Cd	111	115	2	46.41	0.34	ug/l	13930.13	2.82	50	92.8	90	110	
Sn	118	115	2	47.16	0.30	ug/l	35843.15	2.95	50	94.3	90	110	
Sb	121	115	2	47.19	0.52	ug/l	39131.33	2.79	50	94.4	90	110	
Ba	137	159	2	49.55	1.47	ug/l	18226.09	3.88	50	99.1	90	110	
Tl	205	209	2	9.57	1.70	ug/l	42086.14	3.26	10	95.7	90	110	
Pb	208	209	2	47.48	0.06	ug/l	280034.10	2.08	50	95.0	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	12750	2.72	20978	60.8	60	120	
Sc	45	2	124122	3.96	156597	79.3	60	120	
Ge	74	1	47622	0.61	64907	73.4	60	120	
Ge	74	2	16615	2.08	20238	82.1	60	120	
Kr	83	2	203	8.52	184	110.2	-1000	1000	
In	115	2	117230	2.87	138468	84.7	60	120	
Tb	159	2	297345	2.44	357511	83.2	60	120	
Bi	209	2	208177	2.05	261847	79.5	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0276CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25r00.B**
Acq Date Time	**2014-06-25T20:00:37-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-149.83	ug/l	0.83	105.45	0.2	
B	11	6	2	2.30	25.02	ug/l	75.56	15.49	20	
Na	23	45	2	-6.73	-4.25	ug/l	7141.80	4.80	50	
Mg	24	45	2	1.19	19.61	ug/l	313.35	18.91	50	
Al	27	45	2	-0.24	-6.85	ug/l	54.44	3.54	10	
K	39	45	2	-4.41	-47.50	ug/l	19110.81	6.00	50	
Ca	44	45	2	-0.45	-88.70	ug/l	24.45	10.41	50	
Ti	47	45	2	0.04	187.17	ug/l	3.33	100.05	1	
V	51	45	2	-0.01	-201.62	ug/l	212.23	14.08	1	
Cr	52	45	2	0.00	-242.14	ug/l	106.67	14.32	1	
Mn	55	45	2	0.03	73.02	ug/l	90.00	19.25	2	
Fe	56	45	2	1.17	3.67	ug/l	2731.95	3.34	30	
Co	59	45	2	-0.01	-29.10	ug/l	10.00	33.30	1	
Ni	60	45	2	0.01	690.50	ug/l	17.78	96.24	1	
Cu	63	45	2	-0.11	-6.89	ug/l	456.69	3.86	1	
Zn	66	45	2	-0.07	-128.23	ug/l	35.56	51.64	4	
As	75	74	2	0.01	334.77	ug/l	13.33	25.01	0.5	
Se	78	74	1	0.01	8.80	ug/l	3.28	2.82	0.5	
Sr	88	115	2	0.00	53.94	ug/l	11.11	17.30	1	
Mo	95	115	2	-0.01	-141.42	ug/l	17.78	47.19	1	
Ag	107	115	2	0.01	59.91	ug/l	15.56	49.47	1	
Cd	111	115	2	-0.01	-121.18	ug/l	1.11	173.21	0.5	
Sn	118	115	2	0.04	20.46	ug/l	65.56	10.59	4	
Sb	121	115	2	0.03	49.98	ug/l	60.01	19.24	0.5	
Ba	137	159	2	-0.03	-55.33	ug/l	13.33	43.30	1	
Tl	205	209	2	0.00	74.09	ug/l	38.89	17.85	0.2	
Pb	208	209	2	0.01	29.84	ug/l	174.45	17.34	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	12746	5.74	20978	60.8	60	120	
Sc	45	2	125173	4.15	156597	79.9	60	120	
Ge	74	1	47784	0.19	64907	73.6	60	120	
Ge	74	2	16694	4.05	20238	82.5	60	120	
Kr	83	2	180	16.46	184	97.6	-1000	1000	
In	115	2	119526	2.66	138468	86.3	60	120	
Tb	159	2	300507	2.17	357511	84.1	60	120	
Bi	209	2	213665	2.65	261847	81.6	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0016CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:15:03-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	46.69	2.20	ug/l	2781.07	0.99	50	93.4	90	110	
B	11	6	2	90.07	4.38	ug/l	2157.99	5.62	100	90.1	90	110	
Na	23	45	2	4727.28	0.26	ug/l	1764178.24	0.45	5000	94.5	90	110	
Mg	24	45	2	4684.05	0.51	ug/l	906584.87	0.64	5000	93.7	90	110	
Al	27	45	2	460.35	0.67	ug/l	42209.90	0.88	500	92.1	90	110	
K	39	45	2	4772.28	0.58	ug/l	814397.90	0.68	5000	95.4	90	110	
Ca	44	45	2	4801.96	0.65	ug/l	35844.64	0.54	5000	96.0	90	110	
Ti	47	45	2	48.63	9.21	ug/l	2003.54	9.03	50	97.3	90	110	
V	51	45	2	49.16	2.03	ug/l	51056.93	1.89	50	98.3	90	110	
Cr	52	45	2	50.23	1.71	ug/l	60256.68	1.49	50	100.5	90	110	
Mn	55	45	2	497.41	0.36	ug/l	410459.70	0.57	500	99.5	90	110	
Fe	56	45	2	5019.44	0.03	ug/l	4832018.02	0.23	5000	100.4	90	110	
Co	59	45	2	51.20	0.85	ug/l	89363.94	0.63	50	102.4	90	110	
Ni	60	45	2	52.29	1.36	ug/l	23602.71	1.57	50	104.6	90	110	
Cu	63	45	2	52.00	1.65	ug/l	61294.82	1.42	50	104.0	90	110	
Zn	66	45	2	50.73	0.81	ug/l	9085.15	0.83	50	101.5	90	110	
As	75	74	2	46.95	3.05	ug/l	5827.28	2.77	50	93.9	90	110	
Se	78	74	1	49.31	0.67	ug/l	4464.08	0.39	50	98.6	90	110	
Sr	88	115	2	46.70	1.10	ug/l	53514.04	0.47	50	93.4	90	110	
Mo	95	115	2	47.00	0.73	ug/l	29358.63	1.26	50	94.0	90	110	
Ag	107	115	2	48.27	0.33	ug/l	92514.42	0.72	50	96.5	90	110	
Cd	111	115	2	49.00	1.16	ug/l	14415.00	1.19	50	98.0	90	110	
Sn	118	115	2	47.88	0.61	ug/l	35663.73	0.15	50	95.8	90	110	
Sb	121	115	2	47.20	0.97	ug/l	38358.20	0.36	50	94.4	90	110	
Ba	137	159	2	46.53	1.42	ug/l	17623.10	1.78	50	93.1	90	110	
Tl	205	209	2	9.50	0.22	ug/l	43962.68	0.44	10	95.0	90	110	
Pb	208	209	2	47.85	0.50	ug/l	296911.86	0.83	50	95.7	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	15589	1.38	20978	74.3	60	120	
Sc	45	2	119576	0.22	156597	76.4	60	120	
Ge	74	1	53309	0.62	64907	82.1	60	120	
Ge	74	2	16187	0.27	20238	80.0	60	120	
Kr	83	2	189	16.01	184	102.4	-1000	1000	
In	115	2	114903	0.63	138468	83.0	60	120	
Tb	159	2	306186	0.61	357511	85.6	60	120	
Bi	209	2	218998	0.58	261847	83.6	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0026CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:20:31-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.01	-87.90	ug/l	1.11	34.33	0.2	
B	11	6	2	0.55	165.29	ug/l	47.78	40.88	20	
Na	23	45	2	-8.39	-7.25	ug/l	6195.83	3.06	50	
Mg	24	45	2	0.89	20.31	ug/l	238.90	13.70	50	
Al	27	45	2	-0.29	-51.18	ug/l	47.22	29.38	10	
K	39	45	2	-8.63	-25.93	ug/l	17515.67	1.31	50	
Ca	44	45	2	-0.01	-5689.85	ug/l	26.67	12.51	50	
Ti	47	45	2	-0.04	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	2	-0.06	-23.48	ug/l	150.01	9.69	1	
Cr	52	45	2	0.00	-672.65	ug/l	103.34	25.20	1	
Mn	55	45	2	-0.04	-23.38	ug/l	31.11	22.31	2	
Fe	56	45	2	0.73	6.78	ug/l	2176.86	1.35	30	
Co	59	45	2	-0.01	-72.53	ug/l	8.89	108.30	1	
Ni	60	45	2	0.00	644.91	ug/l	15.55	44.60	1	
Cu	63	45	2	-0.24	-13.67	ug/l	277.79	14.42	1	
Zn	66	45	2	-0.08	-70.23	ug/l	33.33	30.00	4	
As	75	74	2	-0.06	-12.48	ug/l	4.44	21.70	0.5	
Se	78	74	1	0.01	62.24	ug/l	3.61	19.30	0.5	
Sr	88	115	2	0.00	1685.48	ug/l	7.78	89.21	1	
Mo	95	115	2	0.00	-351.58	ug/l	21.11	32.88	1	
Ag	107	115	2	0.00	105.22	ug/l	7.78	65.47	1	
Cd	111	115	2	0.00	-1007.39	ug/l	2.22	173.21	0.5	
Sn	118	115	2	0.02	141.86	ug/l	46.67	42.85	4	
Sb	121	115	2	0.04	35.10	ug/l	66.67	18.02	0.5	
Ba	137	159	2	-0.04	-44.33	ug/l	10.00	57.75	1	
Tl	205	209	2	0.00	-208.60	ug/l	25.55	27.15	0.2	
Pb	208	209	2	0.01	41.79	ug/l	133.34	13.92	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	14521	0.86	20978	69.2	60	120	
Sc	45	2	119400	0.84	156597	76.2	60	120	
Ge	74	1	51572	0.38	64907	79.5	60	120	
Ge	74	2	16196	0.96	20238	80.0	60	120	
Kr	83	2	198	10.97	184	107.2	-1000	1000	
In	115	2	116049	0.20	138468	83.8	60	120	
Tb	159	2	298491	0.37	357511	83.5	60	120	
Bi	209	2	218567	0.36	261847	83.5	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**MB 460-232696/1-A@5**
Data File Name	**0036CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:26:02-04:00**
Type	**6-CCB**
VialNumber	**2301**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.02	-35.77	ug/l	0.28	33.39	0.2	
B	11	6	2	-0.43	-347.72	ug/l	26.67	24.99	20	
Na	23	45	2	-7.61	-41.07	ug/l	6707.15	2.80	50	
Mg	24	45	2	0.81	47.05	ug/l	232.23	6.63	50	
Al	27	45	2	0.36	131.74	ug/l	110.56	7.44	10	
K	39	45	2	-10.65	-72.03	ug/l	17769.22	0.81	50	
Ca	44	45	2	2.61	15.66	ug/l	47.78	2.01	50	
Ti	47	45	2	0.01	1512.65	ug/l	2.22	86.60	1	
V	51	45	2	0.02	350.66	ug/l	250.01	7.06	1	
Cr	52	45	2	-0.02	-155.80	ug/l	87.78	8.77	1	
Mn	55	45	2	-0.02	-218.31	ug/l	48.89	14.20	2	
Fe	56	45	2	0.63	61.64	ug/l	2156.29	3.18	30	
Co	59	45	2	-0.01	-55.14	ug/l	5.56	34.70	1	
Ni	60	45	2	0.00	3903.72	ug/l	16.67	80.01	1	
Cu	63	45	2	-0.13	-105.14	ug/l	423.35	8.52	1	
Zn	66	45	2	-0.07	-493.34	ug/l	36.67	31.49	4	
As	75	74	2	0.03	132.09	ug/l	16.11	5.98	0.5	
Se	78	74	1	0.00	36384.09	ug/l	2.50	11.53	0.5	
Sr	88	115	2	0.00	756.96	ug/l	13.33	66.12	1	
Mo	95	115	2	-0.02	-208.14	ug/l	10.00	57.72	1	
Ag	107	115	2	0.00	202.09	ug/l	12.22	31.50	1	
Cd	111	115	2	0.00	-2169.53	ug/l	2.22	86.60	0.5	
Sn	118	115	2	0.02	435.88	ug/l	48.89	27.56	4	
Sb	121	115	2	0.00	-622065.79	ug/l	33.33	43.58	0.5	
Ba	137	159	2	-0.03	-161.40	ug/l	13.33	25.01	1	
Tl	205	209	2	0.00	-607.99	ug/l	17.78	78.05	0.2	
Pb	208	209	2	0.01	114.94	ug/l	136.68	7.32	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	14640	0.54	20978	69.8	60	120	
Sc	45	2	123498	0.79	156597	78.9	60	120	
Ge	74	1	52013	0.64	64907	80.1	60	120	
Ge	74	2	16448	1.78	20238	81.3	60	120	
Kr	83	2	196	10.41	184	106.0	-1000	1000	
In	115	2	118238	0.96	138468	85.4	60	120	
Tb	159	2	304267	0.55	357511	85.1	60	120	
Bi	209	2	221664	0.54	261847	84.7	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

Sample Report

Sample Name	**LCS 460-232696/2-A@5**
Data File Name	**004SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:31:33-04:00**
Type	**Sample**
VialNumber	**2302**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	10.28	51.39	ug/l	1800	
Pb	208	209	2	4.66	23.32	ug/l	3600	
Tl	205	209	2	3.70	18.52	ug/l	720	
Ba	137	159	2	9.63	48.17	ug/l	3600	
Sb	121	115	2	4.70	23.49	ug/l	3600	
Sn	118	115	2	9.35	46.74	ug/l	3600	
Cd	111	115	2	4.92	24.59	ug/l	3600	
Ag	107	115	2	4.74	23.68	ug/l	180	
Mo	95	115	2	8.97	44.87	ug/l	3600	
Sr	88	115	2	9.33	46.63	ug/l	3600	
As	75	74	2	10.06	50.29	ug/l	1800	
Zn	66	45	2	50.20	251.02	ug/l	900	
Cu	63	45	2	9.86	49.32	ug/l	900	
Ni	60	45	2	9.79	48.96	ug/l	900	
Co	59	45	2	4.90	24.50	ug/l	1800	
Fe	56	45	2	547.74	2738.71	ug/l	180000	
Mn	55	45	2	49.14	245.71	ug/l	18000	
Cr	52	45	2	9.56	47.78	ug/l	1800	
V	51	45	2	9.71	48.57	ug/l	3600	
Ti	47	45	2	8.78	43.90	ug/l	3600	
Ca	44	45	2	499.32	2496.62	ug/l	360000	
K	39	45	2	480.49	2402.46	ug/l	180000	
Al	27	45	2	464.96	2324.81	ug/l	36000	
Mg	24	45	2	465.29	2326.46	ug/l	180000	
Na	23	45	2	457.92	2289.62	ug/l	180000	
B	11	6	2	93.93	469.64	ug/l	7200	
Be	9	6	2	4.92	24.58	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	52319	0.48	64907	80.6	60	120	
Bi	209	2	220777	0.21	261847	84.3	60	120	
Tb	159	2	307792	0.46	357511	86.1	60	120	
In	115	2	119230	0.39	138468	86.1	60	120	
Kr	83	2	189	12.40	184	102.4	-1000	1000	
Ge	74	2	16612	2.28	20238	82.1	60	120	
Sc	45	2	125203	1.06	156597	80.0	60	120	
Li	6	2	14633	0.87	20978	69.8	60	120	

Sample Report

Sample Name	**PDS 460-78265-L-1-A@5**
Data File Name	**005SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:37:04-04:00**
Type	**Sample**
VialNumber	**2303**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.37	46.84	ug/l	1800	
Pb	208	209	2	4.76	23.78	ug/l	3600	
Tl	205	209	2	3.67	18.35	ug/l	720	
Ba	137	159	2	37.12	185.61	ug/l	3600	
Sb	121	115	2	4.58	22.92	ug/l	3600	
Sn	118	115	2	9.47	47.35	ug/l	3600	
Cd	111	115	2	4.76	23.79	ug/l	3600	
Ag	107	115	2	5.65	28.27	ug/l	180	
Mo	95	115	2	10.02	50.12	ug/l	3600	
Sr	88	115	2	263.70	1318.52	ug/l	3600	
As	75	74	2	9.89	49.46	ug/l	1800	
Zn	66	45	2	64.76	323.81	ug/l	900	
Cu	63	45	2	14.45	72.23	ug/l	900	
Ni	60	45	2	9.66	48.29	ug/l	900	
Co	59	45	2	4.66	23.28	ug/l	1800	
Fe	56	45	2	529.60	2648.01	ug/l	180000	
Mn	55	45	2	48.19	240.94	ug/l	18000	
Cr	52	45	2	9.43	47.13	ug/l	1800	
V	51	45	2	9.48	47.41	ug/l	3600	
Ti	47	45	2	8.92	44.60	ug/l	3600	
Ca	44	45	2	12148.78	60743.90	ug/l	360000	
K	39	45	2	604.51	3022.55	ug/l	180000	
Al	27	45	2	450.85	2254.26	ug/l	36000	
Mg	24	45	2	5955.01	29775.04	ug/l	180000	
Na	23	45	2	4642.96	23214.78	ug/l	180000	
B	11	6	2	115.46	577.30	ug/l	7200	
Be	9	6	2	4.75	23.77	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51452	0.56	64907	79.3	60	120	
Bi	209	2	212107	0.44	261847	81.0	60	120	
Tb	159	2	298027	0.64	357511	83.4	60	120	
In	115	2	115084	0.49	138468	83.1	60	120	
Kr	83	2	214	3.91	184	116.3	-1000	1000	
Ge	74	2	16613	0.36	20238	82.1	60	120	
Sc	45	2	122877	0.17	156597	78.5	60	120	
Li	6	2	14094	0.05	20978	67.2	60	120	

Sample Report

Sample Name	**460-78265-L-1-C MS@5**
Data File Name	**006SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:42:36-04:00**
Type	**Sample**
VialNumber	**2304**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.92	49.59	ug/l	1800	
Pb	208	209	2	5.00	25.02	ug/l	3600	
Tl	205	209	2	3.78	18.91	ug/l	720	
Ba	137	159	2	36.55	182.73	ug/l	3600	
Sb	121	115	2	4.90	24.52	ug/l	3600	
Sn	118	115	2	10.05	50.27	ug/l	3600	
Cd	111	115	2	4.73	23.63	ug/l	3600	
Ag	107	115	2	4.72	23.59	ug/l	180	
Mo	95	115	2	10.51	52.57	ug/l	3600	
Sr	88	115	2	265.65	1328.27	ug/l	3600	
As	75	74	2	10.19	50.96	ug/l	1800	
Zn	66	45	2	68.05	340.24	ug/l	900	
Cu	63	45	2	14.28	71.38	ug/l	900	
Ni	60	45	2	9.62	48.10	ug/l	900	
Co	59	45	2	4.75	23.77	ug/l	1800	
Fe	56	45	2	548.45	2742.26	ug/l	180000	
Mn	55	45	2	50.17	250.85	ug/l	18000	
Cr	52	45	2	9.72	48.60	ug/l	1800	
V	51	45	2	9.91	49.54	ug/l	3600	
Ti	47	45	2	10.72	53.61	ug/l	3600	
Ca	44	45	2	12048.18	60240.90	ug/l	360000	
K	39	45	2	626.40	3132.02	ug/l	180000	
Al	27	45	2	464.77	2323.84	ug/l	36000	
Mg	24	45	2	5900.59	29502.97	ug/l	180000	
Na	23	45	2	4614.46	23072.31	ug/l	180000	
B	11	6	2	113.26	566.29	ug/l	7200	
Be	9	6	2	4.95	24.74	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51208	0.55	64907	78.9	60	120	
Bi	209	2	211460	0.66	261847	80.8	60	120	
Tb	159	2	297602	0.09	357511	83.2	60	120	
In	115	2	114309	0.36	138468	82.6	60	120	
Kr	83	2	208	19.14	184	112.7	-1000	1000	
Ge	74	2	16539	0.63	20238	81.7	60	120	
Sc	45	2	122958	0.48	156597	78.5	60	120	
Li	6	2	13813	0.88	20978	65.8	60	120	

Sample Report

Sample Name	**460-78265-L-1-B DU@5**
Data File Name	**007SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:48:08-04:00**
Type	**Sample**
VialNumber	**2305**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.02	0.08	ug/l	1800	
Pb	208	209	2	0.16	0.80	ug/l	3600	
Tl	205	209	2	0.00	0.02	ug/l	720	
Ba	137	159	2	27.33	136.64	ug/l	3600	
Sb	121	115	2	0.06	0.30	ug/l	3600	
Sn	118	115	2	0.09	0.43	ug/l	3600	
Cd	111	115	2	-0.01	-0.03	ug/l	3600	
Ag	107	115	2	0.00	0.00	ug/l	180	
Mo	95	115	2	1.26	6.29	ug/l	3600	
Sr	88	115	2	255.25	1276.23	ug/l	3600	
As	75	74	2	0.26	1.32	ug/l	1800	
Zn	66	45	2	19.09	95.46	ug/l	900	
Cu	63	45	2	4.60	23.00	ug/l	900	
Ni	60	45	2	0.21	1.04	ug/l	900	
Co	59	45	2	0.01	0.06	ug/l	1800	
Fe	56	45	2	6.11	30.54	ug/l	180000	
Mn	55	45	2	0.63	3.16	ug/l	18000	
Cr	52	45	2	0.08	0.40	ug/l	1800	
V	51	45	2	0.32	1.58	ug/l	3600	
Ti	47	45	2	-0.01	-0.05	ug/l	3600	
Ca	44	45	2	11687.34	58436.72	ug/l	360000	
K	39	45	2	130.13	650.65	ug/l	180000	
Al	27	45	2	3.12	15.58	ug/l	36000	
Mg	24	45	2	5476.94	27384.70	ug/l	180000	
Na	23	45	2	4164.65	20823.23	ug/l	180000	
B	11	6	2	20.29	101.46	ug/l	7200	
Be	9	6	2	-0.02	-0.08	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	51016	0.38	64907	78.6	60	120	
Bi	209	2	212271	0.74	261847	81.1	60	120	
Tb	159	2	299856	0.33	357511	83.9	60	120	
In	115	2	115512	0.40	138468	83.4	60	120	
Kr	83	2	208	5.16	184	112.7	-1000	1000	
Ge	74	2	16482	0.87	20238	81.4	60	120	
Sc	45	2	122191	0.14	156597	78.0	60	120	
Li	6	2	13709	1.78	20978	65.3	60	120	

Sample Report

Sample Name	**460-78265-L-1-A@5**
Data File Name	**008SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:53:40-04:00**
Type	**Sample**
VialNumber	**2306**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.03	ug/l	1800	
Pb	208	209	2	0.16	0.79	ug/l	3600	
Tl	205	209	2	0.00	-0.01	ug/l	720	
Ba	137	159	2	26.95	134.75	ug/l	3600	
Sb	121	115	2	0.06	0.29	ug/l	3600	
Sn	118	115	2	0.06	0.29	ug/l	3600	
Cd	111	115	2	0.01	0.03	ug/l	3600	
Ag	107	115	2	0.00	0.02	ug/l	180	
Mo	95	115	2	1.16	5.81	ug/l	3600	
Sr	88	115	2	249.73	1248.65	ug/l	3600	
As	75	74	2	0.18	0.92	ug/l	1800	
Zn	66	45	2	18.76	93.80	ug/l	900	
Cu	63	45	2	4.69	23.45	ug/l	900	
Ni	60	45	2	0.17	0.87	ug/l	900	
Co	59	45	2	0.00	-0.01	ug/l	1800	
Fe	56	45	2	5.93	29.67	ug/l	180000	
Mn	55	45	2	0.48	2.39	ug/l	18000	
Cr	52	45	2	0.07	0.34	ug/l	1800	
V	51	45	2	0.36	1.80	ug/l	3600	
Ti	47	45	2	-0.04	-0.19	ug/l	3600	
Ca	44	45	2	11585.29	57926.45	ug/l	360000	
K	39	45	2	131.42	657.08	ug/l	180000	
Al	27	45	2	3.08	15.40	ug/l	36000	
Mg	24	45	2	5400.64	27003.21	ug/l	180000	
Na	23	45	2	4095.02	20475.08	ug/l	180000	
B	11	6	2	17.04	85.18	ug/l	7200	
Be	9	6	2	-0.02	-0.09	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	50269	0.36	64907	77.4	60	120	
Bi	209	2	211638	0.87	261847	80.8	60	120	
Tb	159	2	297674	0.44	357511	83.3	60	120	
In	115	2	115702	0.39	138468	83.6	60	120	
Kr	83	2	186	9.22	184	100.6	-1000	1000	
Ge	74	2	16308	0.82	20238	80.6	60	120	
Sc	45	2	121392	0.41	156597	77.5	60	120	
Li	6	2	13491	0.70	20978	64.3	60	120	

Sample Report

Sample Name	**SD 460-78265-L-1-A@25**
Data File Name	**009SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T21:59:12-04:00**
Type	**Sample**
VialNumber	**2307**
Dilution	**25**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.37	ug/l	1800	
Pb	208	209	2	0.03	0.81	ug/l	3600	
Tl	205	209	2	0.00	-0.07	ug/l	720	
Ba	137	159	2	5.60	140.05	ug/l	3600	
Sb	121	115	2	0.01	0.22	ug/l	3600	
Sn	118	115	2	0.01	0.33	ug/l	3600	
Cd	111	115	2	0.01	0.26	ug/l	3600	
Ag	107	115	2	0.00	-0.01	ug/l	180	
Mo	95	115	2	0.25	6.31	ug/l	3600	
Sr	88	115	2	52.03	1300.83	ug/l	3600	
As	75	74	2	0.01	0.19	ug/l	1800	
Zn	66	45	2	3.86	96.50	ug/l	900	
Cu	63	45	2	0.81	20.31	ug/l	900	
Ni	60	45	2	0.06	1.48	ug/l	900	
Co	59	45	2	-0.01	-0.25	ug/l	1800	
Fe	56	45	2	1.62	40.39	ug/l	180000	
Mn	55	45	2	0.09	2.33	ug/l	18000	
Cr	52	45	2	0.00	0.06	ug/l	1800	
V	51	45	2	0.12	2.99	ug/l	3600	
Ti	47	45	2	0.05	1.16	ug/l	3600	
Ca	44	45	2	2433.01	60825.13	ug/l	360000	
K	39	45	2	22.28	557.09	ug/l	180000	
Al	27	45	2	0.70	17.49	ug/l	36000	
Mg	24	45	2	1141.79	28544.80	ug/l	180000	
Na	23	45	2	850.48	21262.02	ug/l	180000	
B	11	6	2	5.32	133.08	ug/l	7200	
Be	9	6	2	-0.02	-0.53	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	48070	0.27	64907	74.1	60	120	
Bi	209	2	206420	0.54	261847	78.8	60	120	
Tb	159	2	285884	0.22	357511	80.0	60	120	
In	115	2	112450	0.46	138468	81.2	60	120	
Kr	83	2	181	22.11	184	98.2	-1000	1000	
Ge	74	2	15973	0.94	20238	78.9	60	120	
Sc	45	2	115928	0.94	156597	74.0	60	120	
Li	6	2	12607	1.20	20978	60.1	60	120	

Sample Report

Sample Name	**460-77976-K-1-B@5**
Data File Name	**010SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T22:04:43-04:00**
Type	**Sample**
VialNumber	**2308**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.28	1.39	ug/l	1800	
Pb	208	209	2	0.18	0.92	ug/l	3600	
Tl	205	209	2	0.00	-0.01	ug/l	720	
Ba	137	159	2	5.89	29.43	ug/l	3600	
Sb	121	115	2	0.05	0.23	ug/l	3600	
Sn	118	115	2	0.31	1.54	ug/l	3600	
Cd	111	115	2	0.04	0.21	ug/l	3600	
Ag	107	115	2	2.64	13.21	ug/l	180	
Mo	95	115	2	0.67	3.36	ug/l	3600	
Sr	88	115	2	28.45	142.27	ug/l	3600	
As	75	74	2	0.23	1.14	ug/l	1800	
Zn	66	45	2	19.16	95.82	ug/l	900	
Cu	63	45	2	17.22	86.11	ug/l	900	
Ni	60	45	2	0.89	4.47	ug/l	900	
Co	59	45	2	0.07	0.33	ug/l	1800	
Fe	56	45	2	135.28	676.38	ug/l	180000	
Mn	55	45	2	11.32	56.58	ug/l	18000	
Cr	52	45	2	0.79	3.97	ug/l	1800	
V	51	45	2	0.27	1.37	ug/l	3600	
Ti	47	45	2	0.71	3.53	ug/l	3600	
Ca	44	45	2	4750.49	23752.47	ug/l	360000	
K	39	45	2	13678.81	68394.07	ug/l	180000	
Al	27	45	2	28.06	140.32	ug/l	36000	
Mg	24	45	2	1657.95	8289.76	ug/l	180000	
Na	23	45	2	16048.10	80240.49	ug/l	180000	
B	11	6	2	66.43	332.13	ug/l	7200	
Be	9	6	2	-0.02	-0.09	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	49018	1.04	64907	75.5	60	120	
Bi	209	2	231373	1.00	261847	88.4	60	120	
Tb	159	2	290922	0.66	357511	81.4	60	120	
In	115	2	112242	0.71	138468	81.1	60	120	
Kr	83	2	197	22.93	184	106.6	-1000	1000	
Ge	74	2	15856	0.81	20238	78.3	60	120	
Sc	45	2	116966	0.67	156597	74.7	60	120	
Li	6	2	12625	3.25	20978	60.2	60	120	

Sample Report

Sample Name	**460-78184-B-4-A@5**
Data File Name	**011SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T22:10:15-04:00**
Type	**Sample**
VialNumber	**2309**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	0.01	0.03	ug/l	1800	
Pb	208	209	2	0.01	0.07	ug/l	3600	
Tl	205	209	2	0.00	0.00	ug/l	720	
Ba	137	159	2	8.28	41.40	ug/l	3600	
Sb	121	115	2	0.02	0.08	ug/l	3600	
Sn	118	115	2	0.01	0.03	ug/l	3600	
Cd	111	115	2	0.24	1.21	ug/l	3600	
Ag	107	115	2	0.00	0.01	ug/l	180	
Mo	95	115	2	-0.03	-0.13	ug/l	3600	
Sr	88	115	2	110.61	553.07	ug/l	3600	
As	75	74	2	0.08	0.41	ug/l	1800	
Zn	66	45	2	11.50	57.51	ug/l	900	
Cu	63	45	2	0.03	0.17	ug/l	900	
Ni	60	45	2	62.71	313.55	ug/l	900	
Co	59	45	2	0.15	0.73	ug/l	1800	
Fe	56	45	2	1.39	6.95	ug/l	180000	
Mn	55	45	2	1647.92	8239.61	ug/l	18000	
Cr	52	45	2	0.02	0.10	ug/l	1800	
V	51	45	2	0.16	0.79	ug/l	3600	
Ti	47	45	2	-0.01	-0.05	ug/l	3600	
Ca	44	45	2	17114.87	85574.35	ug/l	360000	
K	39	45	2	1846.58	9232.92	ug/l	180000	
Al	27	45	2	1.06	5.28	ug/l	36000	
Mg	24	45	2	6521.08	32605.39	ug/l	180000	
Na	23	45	2	6190.12	30950.59	ug/l	180000	
B	11	6	2	17.42	87.08	ug/l	7200	
Be	9	6	2	-0.02	-0.09	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	47272	1.06	64907	72.8	60	120	
Bi	209	2	201969	0.22	261847	77.1	60	120	
Tb	159	2	288423	0.69	357511	80.7	60	120	
In	115	2	112201	0.41	138468	81.0	60	120	
Kr	83	2	171	10.00	184	92.8	-1000	1000	
Ge	74	2	15713	1.14	20238	77.6	60	120	
Sc	45	2	115868	0.37	156597	74.0	60	120	
Li	6	2	12485	0.65	20978	59.5	60	120	fail

Sample Report

Sample Name	**460-78184-B-4-B MS@5**
Data File Name	**012SMPL.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T22:15:45-04:00**
Type	**Sample**
VialNumber	**2310**
Dilution	**5**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Se	78	74	1	9.78	48.92	ug/l	1800	
Pb	208	209	2	4.81	24.05	ug/l	3600	
Tl	205	209	2	3.74	18.68	ug/l	720	
Ba	137	159	2	18.20	91.00	ug/l	3600	
Sb	121	115	2	4.67	23.35	ug/l	3600	
Sn	118	115	2	9.46	47.30	ug/l	3600	
Cd	111	115	2	4.68	23.42	ug/l	3600	
Ag	107	115	2	4.51	22.57	ug/l	180	
Mo	95	115	2	8.83	44.15	ug/l	3600	
Sr	88	115	2	118.02	590.10	ug/l	3600	
As	75	74	2	10.05	50.23	ug/l	1800	
Zn	66	45	2	58.96	294.79	ug/l	900	
Cu	63	45	2	9.35	46.73	ug/l	900	
Ni	60	45	2	70.18	350.89	ug/l	900	
Co	59	45	2	4.87	24.35	ug/l	1800	
Fe	56	45	2	529.90	2649.48	ug/l	180000	
Mn	55	45	2	1641.92	8209.59	ug/l	18000	
Cr	52	45	2	9.42	47.11	ug/l	1800	
V	51	45	2	9.43	47.17	ug/l	3600	
Ti	47	45	2	9.55	47.74	ug/l	3600	
Ca	44	45	2	16985.92	84929.60	ug/l	360000	
K	39	45	2	2279.30	11396.49	ug/l	180000	
Al	27	45	2	453.89	2269.45	ug/l	36000	
Mg	24	45	2	6773.77	33868.85	ug/l	180000	
Na	23	45	2	6476.39	32381.95	ug/l	180000	
B	11	6	2	114.99	574.94	ug/l	7200	
Be	9	6	2	5.00	25.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Ge	74	1	47051	0.47	64907	72.5	60	120	
Bi	209	2	202051	0.39	261847	77.2	60	120	
Tb	159	2	288512	0.37	357511	80.7	60	120	
In	115	2	110798	1.10	138468	80.0	60	120	
Kr	83	2	177	19.15	184	95.8	-1000	1000	
Ge	74	2	15532	0.56	20238	76.7	60	120	
Sc	45	2	116154	0.16	156597	74.2	60	120	
Li	6	2	12350	1.40	20978	58.9	60	120	fail

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 3033716**
Data File Name	**0136CCV.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T22:21:14-04:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	2	50.69	1.87	ug/l	2240.65	1.08	50	101.4	90	110	
B	11	6	2	99.00	1.40	ug/l	1756.83	2.01	100	99.0	90	110	
Na	23	45	2	4540.33	0.59	ug/l	1562400.50	0.60	5000	90.8	90	110	
Mg	24	45	2	4530.14	1.15	ug/l	808279.68	0.37	5000	90.6	90	110	
Al	27	45	2	467.68	0.73	ug/l	39530.39	0.22	500	93.5	90	110	
K	39	45	2	4944.57	1.12	ug/l	777228.71	0.24	5000	98.9	90	110	
Ca	44	45	2	4960.97	1.07	ug/l	34137.61	0.57	5000	99.2	90	110	
Ti	47	45	2	47.04	3.02	ug/l	1786.83	3.18	50	94.1	90	110	
V	51	45	2	47.82	0.52	ug/l	45791.06	0.63	50	95.6	90	110	
Cr	52	45	2	48.42	0.68	ug/l	53554.04	0.41	50	96.8	90	110	
Mn	55	45	2	494.56	0.62	ug/l	376225.23	0.50	500	98.9	90	110	
Fe	56	45	2	4943.18	1.04	ug/l	4386787.23	0.16	5000	98.9	90	110	
Co	59	45	2	48.48	2.07	ug/l	77990.98	1.22	50	97.0	90	110	
Ni	60	45	2	48.22	1.17	ug/l	20066.63	1.17	50	96.4	90	110	
Cu	63	45	2	49.06	1.50	ug/l	53342.85	0.78	50	98.1	90	110	
Zn	66	45	2	49.34	3.15	ug/l	8146.79	3.35	50	98.7	90	110	
As	75	74	2	48.76	2.45	ug/l	5521.61	2.50	50	97.5	90	110	
Se	78	74	1	49.47	0.33	ug/l	3775.51	0.64	50	98.9	90	110	
Sr	88	115	2	48.46	0.12	ug/l	51586.45	0.38	50	96.9	90	110	
Mo	95	115	2	44.83	0.39	ug/l	26014.79	0.31	50	89.7	90	110	6-CCV Main Failed
Ag	107	115	2	46.17	0.90	ug/l	82201.65	0.92	50	92.3	90	110	
Cd	111	115	2	48.29	1.26	ug/l	13197.23	1.02	50	96.6	90	110	
Sn	118	115	2	48.14	1.10	ug/l	33312.74	1.18	50	96.3	90	110	
Sb	121	115	2	48.16	0.45	ug/l	36360.05	0.54	50	96.3	90	110	
Ba	137	159	2	50.33	1.30	ug/l	17339.39	1.00	50	100.7	90	110	
Tl	205	209	2	9.70	1.73	ug/l	39998.87	1.42	10	97.0	90	110	
Pb	208	209	2	48.59	0.48	ug/l	268838.14	0.76	50	97.2	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	11568	0.93	20978	55.1	60	120	fail
Sc	45	2	110240	0.93	156597	70.4	60	120	
Ge	74	1	44940	0.31	64907	69.2	60	120	
Ge	74	2	14770	0.66	20238	73.0	60	120	
Kr	83	2	199	18.84	184	107.8	-1000	1000	
In	115	2	106744	0.27	138468	77.1	60	120	
Tb	159	2	278560	0.31	357511	77.9	60	120	
Bi	209	2	195278	0.34	261847	74.6	60	120	

TuneStep	TuneFile
1	**h2.u**
2	**he.u**

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0146CCB.D**
DataPath	**C:\ICPMH\1\DATA\14F25v00.B**
Acq Date Time	**2014-06-25T22:26:42-04:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	
ISTDRefDataFileName	**003CALB_14F25o00.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	2	-0.02	-22.44	ug/l	0.50	34.00	0.2	
B	11	6	2	2.28	47.48	ug/l	68.89	26.65	20	
Na	23	45	2	-9.70	-1.33	ug/l	5377.73	0.59	50	
Mg	24	45	2	0.81	15.68	ug/l	212.23	11.14	50	
Al	27	45	2	-0.26	-23.70	ug/l	47.22	11.34	10	
K	39	45	2	-9.21	-25.97	ug/l	16401.08	2.29	50	
Ca	44	45	2	-0.81	-102.68	ug/l	19.44	30.11	50	
Ti	47	45	2	-0.04	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	2	-0.04	-41.07	ug/l	168.90	8.22	1	
Cr	52	45	2	-0.01	-227.22	ug/l	90.00	26.70	1	
Mn	55	45	2	-0.02	-30.34	ug/l	41.11	12.39	2	
Fe	56	45	2	0.44	16.83	ug/l	1786.25	3.46	30	
Co	59	45	2	-0.01	-31.21	ug/l	4.44	114.60	1	
Ni	60	45	2	0.00	1865.59	ug/l	14.44	104.07	1	
Cu	63	45	2	-0.19	-21.82	ug/l	317.80	14.24	1	
Zn	66	45	2	-0.05	-116.06	ug/l	35.56	28.64	4	
As	75	74	2	-0.02	-83.24	ug/l	8.89	21.63	0.5	
Se	78	74	1	0.01	108.39	ug/l	2.78	24.17	0.5	
Sr	88	115	2	0.00	270.68	ug/l	7.78	24.71	1	
Mo	95	115	2	0.00	-476.51	ug/l	20.00	50.00	1	
Ag	107	115	2	0.01	41.69	ug/l	12.22	31.50	1	
Cd	111	115	2	0.00	-138.79	ug/l	1.11	173.21	0.5	
Sn	118	115	2	0.02	91.88	ug/l	45.55	29.58	4	
Sb	121	115	2	0.03	119.07	ug/l	52.22	47.06	0.5	
Ba	137	159	2	-0.01	-304.12	ug/l	18.89	44.42	1	
Tl	205	209	2	0.00	-480.53	ug/l	25.55	27.15	0.2	
Pb	208	209	2	0.01	24.22	ug/l	124.45	8.18	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	2	11677	1.00	20978	55.7	60	120	fail
Sc	45	2	112406	0.26	156597	71.8	60	120	
Ge	74	1	45076	0.23	64907	69.4	60	120	
Ge	74	2	15086	2.15	20238	74.5	60	120	
Kr	83	2	180	32.76	184	97.6	-1000	1000	
In	115	2	111298	0.77	138468	80.4	60	120	
Tb	159	2	281103	0.17	357511	78.6	60	120	
Bi	209	2	203625	0.49	261847	77.8	60	120	

TuneStep	TuneFile
1	h2.u
2	he.u

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 25 Jun 2014 01:47:25 pm
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008tune.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

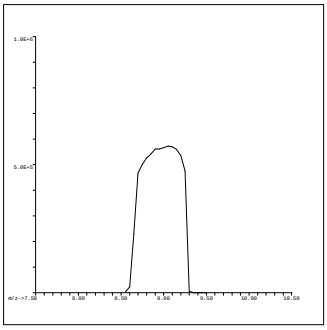
Element	Actual	Required	Flag
9 Be	0.96	5.00	
24 Mg	1.17	5.00	
25 Mg	0.68	5.00	
26 Mg	0.45	5.00	
59 Co	0.86	5.00	
115 In	0.74	5.00	
206 Pb	0.99	5.00	
207 Pb	1.08	5.00	
208 Pb	0.74	5.00	

Ion Ratio

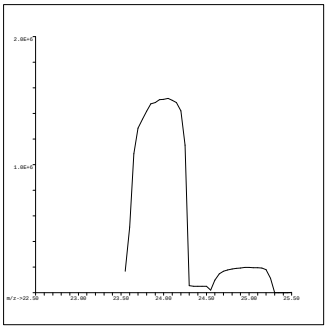
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

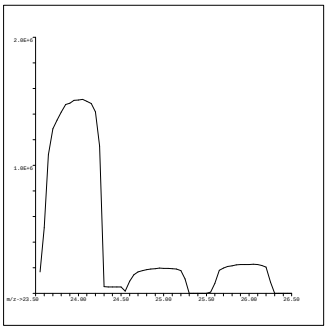
Element	Actual	Required	Flag



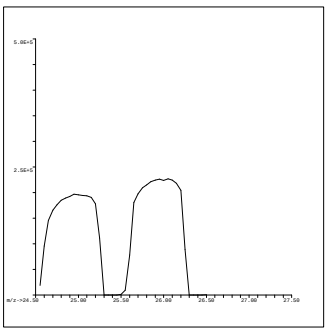
9 Be
Mass Calib.
Actual: 9.00
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.60
Required: 0.90
Flag:



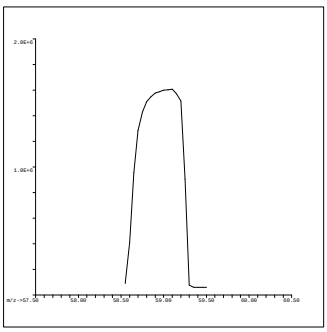
24 Mg
Mass Calib.
Actual: 24.00
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



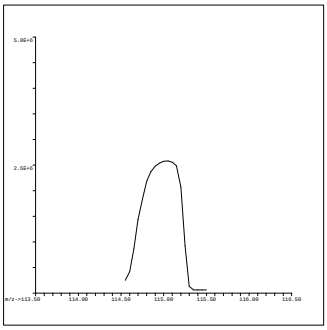
25 Mg
Mass Calib.
Actual: 25.00
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.70
Required: 0.90
Flag:



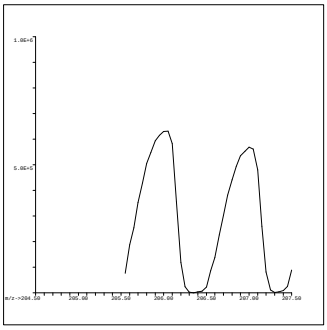
26 Mg
Mass Calib.
Actual: 26.00
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



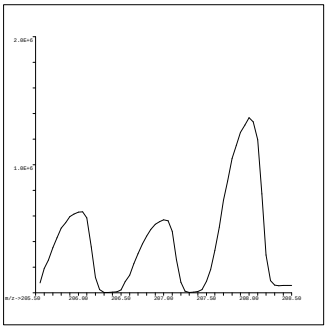
59 Co
Mass Calib.
Actual: 59.00
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



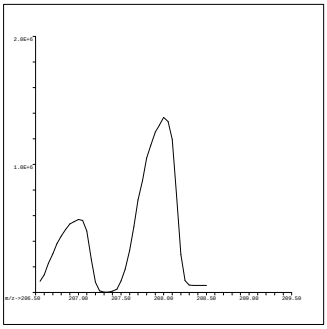
115 In
Mass Calib.
Actual: 115.05
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



206 Pb
Mass Calib.
Actual: 206.00
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



207 Pb
Mass Calib.
Actual: 206.95
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



208 Pb
Mass Calib.
Actual: 208.00
Required: 207.90-208.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:

QC Tune Result:Pass

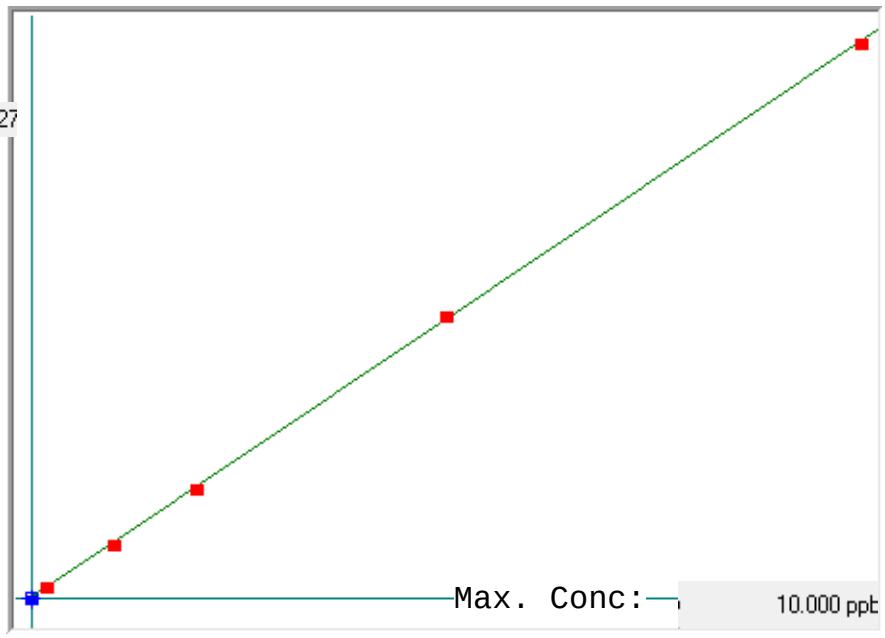
06202014

Method: 245.1-7470a Operator: Admin Date of Analysis: 20 Jun 2014 14:37:03

Sample ID	Extended ID	Conc.	Units	Element	µ Abs.	Date	Method	Chapter
Cal Blk - 1		-	ppb	Hg	109	20 Jun 2014 14:47:04	245.1-7470a	231888hg1
0.2 ppb - 1		-	ppb	Hg	1260	20 Jun 2014 14:48:56	245.1-7470a	231888hg1
1.0 ppb - 1		-	ppb	Hg	5916	20 Jun 2014 14:50:48	245.1-7470a	231888hg1
2.0 ppb - 1		-	ppb	Hg	12140	20 Jun 2014 14:52:39	245.1-7470a	231888hg1
5.0 ppb - 1		-	ppb	Hg	30953	20 Jun 2014 14:54:31	245.1-7470a	231888hg1
10 ppb - 1		-	ppb	Hg	60527	20 Jun 2014 14:56:23	245.1-7470a	231888hg1
ICV - 1		102.8% 5.1402	ppb	Hg	31270	20 Jun 2014 14:58:35	245.1-7470a	231888hg1
ICB - 1		-0.0122	ppb	Hg	2	20 Jun 2014 15:00:26	245.1-7470a	231888hg1
QCS - 1		95.3% 4.7627	ppb	Hg	28979	20 Jun 2014 15:02:20	245.1-7470a	231888hg1
MCL - 1		99.4% 1.9876	ppb	Hg	12138	20 Jun 2014 15:04:12	245.1-7470a	231888hg1
MB 460-231888/1-A - 1		-0.0104	ppb	Hg	13	20 Jun 2014 15:06:06	245.1-7470a	231888hg1
LCS 460-231888/2-A - 1		4.9054	ppb	Hg	29845	20 Jun 2014 15:07:59	245.1-7470a	231888hg1
460-77899-A-5-E - 1		-0.0166	ppb	Hg	-25	20 Jun 2014 15:09:49	245.1-7470a	231888hg1
460-77899-A-5-F DU - 1		-0.0038	ppb	Hg	53	20 Jun 2014 15:11:42	245.1-7470a	231888hg1
460-77899-A-5-G MS - 1		4.9578	ppb	Hg	30163	20 Jun 2014 15:13:33	245.1-7470a	231888hg1
sd 460-77899-A-5-E@5 - 1		-0.0178	ppb	Hg	-32	20 Jun 2014 15:15:24	245.1-7470a	231888hg1
460-77931-A-9-P - 1		0.0012	ppb	Hg	83	20 Jun 2014 15:17:17	245.1-7470a	231888hg1
460-77977-A-1-C - 1		-0.0008	ppb	Hg	71	20 Jun 2014 15:19:08	245.1-7470a	231888hg1
460-77899-A-1-E - 1		-0.0010	ppb	Hg	70	20 Jun 2014 15:20:59	245.1-7470a	231888hg1
CCV - 1		100.0% 4.9988	ppb	Hg	30412	20 Jun 2014 15:22:51	245.1-7470a	231888hg1
CCB - 1		-0.0130	ppb	Hg	-3	20 Jun 2014 15:24:41	245.1-7470a	231888hg1
460-77899-A-2-E - 1		-0.0048	ppb	Hg	47	20 Jun 2014 15:26:35	245.1-7470a	231888hg1
460-77899-A-3-E - 1		-0.0046	ppb	Hg	48	20 Jun 2014 15:28:26	245.1-7470a	231888hg1
460-77899-A-4-E - 1		-0.0021	ppb	Hg	63	20 Jun 2014 15:30:18	245.1-7470a	231888hg1
460-77899-A-6-E - 1		0.0036	ppb	Hg	98	20 Jun 2014 15:32:11	245.1-7470a	231888hg1
460-77899-A-7-E - 1		-0.0015	ppb	Hg	67	20 Jun 2014 15:34:02	245.1-7470a	231888hg1
460-78002-A-1-K - 1		0.0048	ppb	Hg	105	20 Jun 2014 15:35:53	245.1-7470a	231888hg1
460-78003-A-1-H - 1		0.0453	ppb	Hg	351	20 Jun 2014 15:37:43	245.1-7470a	231888hg1
460-77980-A-3-D - 1		0.0284	ppb	Hg	248	20 Jun 2014 15:39:34	245.1-7470a	231888hg1
460-77985-A-1-C - 1		0.0122	ppb	Hg	150	20 Jun 2014 15:41:26	245.1-7470a	231888hg1
CCV - 1		99.6% 4.9781	ppb	Hg	30286	20 Jun 2014 15:43:16	245.1-7470a	231888hg1
CCB - 1		-0.0117	ppb	Hg	5	20 Jun 2014 15:45:07	245.1-7470a	231888hg1
460-77997-A-1-D - 1		0.0231	ppb	Hg	216	20 Jun 2014 15:47:01	245.1-7470a	231888hg1
LB 460-231695/1-C - 1		-0.0056	ppb	Hg	42	20 Jun 2014 15:48:52	245.1-7470a	231888hg1
MB 460-231890/1-A - 1		-0.0043	ppb	Hg	50	20 Jun 2014 15:50:43	245.1-7470a	231888hg1
LCS 460-231890/2-A - 1		0.9908	ppb	Hg	6089	20 Jun 2014 15:52:35	245.1-7470a	231888hg1
460-77951-H-1-B - 1		-0.0092	ppb	Hg	20	20 Jun 2014 15:54:27	245.1-7470a	231888hg1
460-77951-H-1-C DU - 1		-0.0079	ppb	Hg	28	20 Jun 2014 15:56:19	245.1-7470a	231888hg1
460-77951-H-1-D MS - 1		0.9831	ppb	Hg	6042	20 Jun 2014 15:58:12	245.1-7470a	231888hg1
sd 460-77951-H-1-B@5 - 1		-0.0067	ppb	Hg	35	20 Jun 2014 16:00:03	245.1-7470a	231888hg1
460-78044-H-8-B - 1		15.1826	ppb	Hg	92214	20 Jun 2014 16:01:54	245.1-7470a	231888hg1
CCV - 1		99.4% 4.9677	ppb	Hg	30223	20 Jun 2014 16:03:45	245.1-7470a	231888hg1
CCB - 1		-0.0097	ppb	Hg	17	20 Jun 2014 16:05:38	245.1-7470a	231888hg1
460-78044-H-9-B - 1		36.6101	ppb	Hg	222250	20 Jun 2014 16:07:32	245.1-7470a	231888hg1
460-78044-H-10-B - 1		21.2281	ppb	Hg	128902	20 Jun 2014 16:09:23	245.1-7470a	231888hg1
460-78044-H-11-B - 1		HIGH	ppb	Hg	303155	20 Jun 2014 16:11:17	245.1-7470a	231888hg1
460-77827-A-23-B - 1		-0.0684	ppb	Hg	-339	20 Jun 2014 16:12:43	245.1-7470a	231888hg1
460-77951-H-2-B - 1		-0.0058	ppb	Hg	41	20 Jun 2014 16:14:41	245.1-7470a	231888hg1
460-77951-H-3-D - 1		-0.0056	ppb	Hg	42	20 Jun 2014 16:16:32	245.1-7470a	231888hg1
460-77951-H-4-B - 1		-0.0015	ppb	Hg	67	20 Jun 2014 16:18:23	245.1-7470a	231888hg1
460-77951-H-5-B - 1		-0.0016	ppb	Hg	66	20 Jun 2014 16:20:15	245.1-7470a	231888hg1
460-78007-F-4-B - 1		0.0043	ppb	Hg	102	20 Jun 2014 16:22:07	245.1-7470a	231888hg1
CCV - 1		99.9% 4.9959	ppb	Hg	30394	20 Jun 2014 16:24:00	245.1-7470a	231888hg1
CCB - 1		-0.0117	ppb	Hg	5	20 Jun 2014 16:25:50	245.1-7470a	231888hg1
460-78007-F-5-B - 1		0.0012	ppb	Hg	83	20 Jun 2014 16:27:44	245.1-7470a	231888hg1
460-78007-F-8-B - 1		-0.0067	ppb	Hg	35	20 Jun 2014 16:29:35	245.1-7470a	231888hg1
460-77850-K-1-B - 1		5.5126	ppb	Hg	33530	20 Jun 2014 16:31:26	245.1-7470a	231888hg1
460-77850-K-2-B - 1		-0.0145	ppb	Hg	-12	20 Jun 2014 16:33:17	245.1-7470a	231888hg1
460-77850-K-3-B - 1		0.0359	ppb	Hg	294	20 Jun 2014 16:35:11	245.1-7470a	231888hg1
460-77850-K-4-B - 1		-0.0076	ppb	Hg	30	20 Jun 2014 16:37:02	245.1-7470a	231888hg1
460-77854-H-1-A - 1		-0.0043	ppb	Hg	50	20 Jun 2014 16:38:54	245.1-7470a	231888hg1
460-77919-A-1-A - 1		0.0010	ppb	Hg	82	20 Jun 2014 16:40:45	245.1-7470a	231888hg1
460-77919-A-3-A - 1		-0.0021	ppb	Hg	63	20 Jun 2014 16:42:36	245.1-7470a	231888hg1
CCV - 1		95.4% 4.7719	ppb	Hg	29035	20 Jun 2014 16:44:28	245.1-7470a	231888hg1
CCB - 1		-0.0123	ppb	Hg	1	20 Jun 2014 16:46:18	245.1-7470a	231888hg1
460-78044-H-8-B@3 - 1		4.6027	ppb	Hg	28008	20 Jun 2014 16:48:12	245.1-7470a	231888hg1
460-78044-H-9-B@10 - 1		3.4100	ppb	Hg	20770	20 Jun 2014 16:50:04	245.1-7470a	231888hg1
460-78044-H-10-B@5 - 1		4.0769	ppb	Hg	24817	20 Jun 2014 16:51:58	245.1-7470a	231888hg1
460-78044-H-11-B@10 - 1		8.6131	ppb	Hg	52346	20 Jun 2014 16:53:51	245.1-7470a	231888hg1
CCV - 1		94.1% 4.7058	ppb	Hg	28634	20 Jun 2014 16:55:44	245.1-7470a	231888hg1
CCB - 1		-0.0125	ppb	Hg	0	20 Jun 2014 16:57:37	245.1-7470a	231888hg1

245.1-7470a

Linear



A= 0.0000e+000

B= 1.6478e-004

C= -1.2513e-002

Rho= 0.9999274

Accept= Accepted

Accepted Date=

06/20/14 14:58

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blk	0.000	0.005	0.005	109	0.000	109				
0.2 ppb	0.200	0.195	-0.005	1260	0.0 %	1260				
1.0 ppb	1.000	0.962	-0.038	5916	0.0 %	5916				
2.0 ppb	2.000	1.988	-0.012	12140	0.0 %	12140				
5.0 ppb	5.000	5.088	0.088	30953	0.0 %	30953				
10 ppb	10.000	9.961	-0.039	60527	0.0 %	60527				

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 09:45:42 20 Jun 14 HG

Hg .000 ppb 230

*** Standard: 1 Rep: 1 Seq: 2 09:49:06 20 Jun 14 HG

Hg .000 ppb 239

*** Standard: 2 Rep: 1 Seq: 3 09:50:57 20 Jun 14 HG

Hg .200 ppb 640

*** Standard: 3 Rep: 1 Seq: 4 09:52:47 20 Jun 14 HG

Hg 1.00 ppb 2868

*** Standard: 4 Rep: 1 Seq: 5 09:54:38 20 Jun 14 HG

Hg 2.00 ppb 5514

*** Standard: 5 Rep: 1 Seq: 6 09:56:26 20 Jun 14 HG

Hg 5.00 ppb 13783

*** Standard: 6 Rep: 1 Seq: 7 09:58:25 20 Jun 14 HG

Hg 10.0 ppb 27812

*** Check Standard: 3 Ck3AICV Seq: 8 10:00:12 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.5	4.98	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 9 10:02:09 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.002	.200	ppb	.000

*** Sample ID: Seq: 10 10:04:23 20 Jun 14 HG
mb 460-231813/10-a

Hg	-.001	ppb	.000	-.001

==========

*** Sample ID: lcssrm 460 Seq: 11 10:06:13 20 Jun 14 HG
-231813/11-a@50

Hg	6.00	ppb	.000	6.00

=

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Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 12 10:08:11 20 Jun 14 HG
460-77502-d-10-g
Hg 98.1 ppb .000 98.1
=

*** Sample ID: Seq: 13 10:11:37 20 Jun 14 HG
460-77502-d-10-g@20
Hg 4.73 ppb .000 4.73
=

*** Sample ID: Seq: 14 10:13:26 20 Jun 14 HG
460-77502-d-10-h du@
Hg 4.96 ppb .000 4.96
=

*** Sample ID: Seq: 15 10:15:18 20 Jun 14 HG
460-77502-d-10-i ms@
Hg 4.59 ppb .000 4.59
=

*** Sample ID: Seq: 16 10:17:10 20 Jun 14 HG
460-78044-e-1-a
Hg 32.1 ppb .000 32.1
=

*** Sample ID: Seq: 17 10:20:27 20 Jun 14 HG
460-78044-e-1-a@5
Hg 6.22 ppb .000 6.22
=

*** Sample ID: Seq: 18 10:23:05 20 Jun 14 HG
460-78044-e-2-a
Hg 2.55 ppb .000 2.55
=

*** Sample ID: Seq: 19 10:25:45 20 Jun 14 HG
460-78044-e-3-a
Hg 4.10 ppb .000 4.10
=

*** Check Standard: 2 Ck2ACCV Seq: 20 10:27:33 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 21 10:29:50 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.038	.200	ppb	.000

=

*** Sample ID: Seq: 22 10:32:22 20 Jun 14 HG
460-78044-e-4-a
Hg 3.26 ppb .000 3.26
=

*** Sample ID: Seq: 23 10:34:11 20 Jun 14 HG
460-78044-e-5-a
Hg 2.34 ppb .000 2.34
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 24 10:36:20 20 Jun 14 HG
460-78044-e-6-a
Hg 8.73 ppb .000 8.73
=

*** Sample ID: Seq: 25 10:38:38 20 Jun 14 HG
460-78044-e-7-a
Hg .531 ppb .000 .531
=

*** Sample ID: Seq: 26 10:40:26 20 Jun 14 HG
460-77977-d-1-a
Hg 1.78 ppb .000 1.78
=

*** Sample ID: Seq: 27 10:42:15 20 Jun 14 HG
460-77070-f-1-b
Hg 1.02 ppb .000 1.02
=

*** Sample ID: Seq: 28 10:44:13 20 Jun 14 HG
460-77487-a-1-b
Hg .336 ppb .000 .336
=

*** Sample ID: Seq: 29 10:46:00 20 Jun 14 HG
460-77487-a-2-b
Hg .318 ppb .000 .318
=

*** Sample ID: Seq: 30 10:47:47 20 Jun 14 HG
460-77487-a-3-b
Hg .323 ppb .000 .323
=

*** Sample ID: Seq: 31 10:50:06 20 Jun 14 HG
460-77487-a-4-b
Hg .324 ppb .000 .324
=

*** Check Standard: 2 Ck2ACCV Seq: 32 10:52:13 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 33 10:54:09 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.018	.200	ppb	.000

=

*** Sample ID: Seq: 34 10:56:19 20 Jun 14 HG
460-77489-a-1-b
Hg .532 ppb .000 .532
=

*** Sample ID: Seq: 35 10:58:09 20 Jun 14 HG
460-77502-d-1-m
Hg 1.69 ppb .000 1.69
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 36 11:01:00 20 Jun 14 HG
460-77502-d-6-i
Hg 1.13 ppb .000 1.13
=

*** Sample ID: Seq: 37 11:02:47 20 Jun 14 HG
460-77502-d-8-g
Hg 6.46 ppb .000 6.46
=

*** Sample ID: Seq: 38 11:04:35 20 Jun 14 HG
460-77503-d-1-f
Hg 2.75 ppb .000 2.75
=

*** Sample ID: Seq: 39 11:06:55 20 Jun 14 HG
460-77503-d-2-f
Hg 1.61 ppb .000 1.61
=

*** Sample ID: Seq: 40 11:09:36 20 Jun 14 HG
SD 460-77502-d-10-g@
Hg .976 ppb .000 .976
=

*** Check Standard: 2 Ck2ACCV Seq: 41 11:11:24 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.5	4.88	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 42 11:13:22 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.008	.200	ppb	.000

=

*** Sample ID: Seq: 43 11:15:27 20 Jun 14 HG
mb 460-231814/10-a
Hg .003 ppb .000 .003
=

==========

*** Sample ID: lcssrm 460 Seq: 44 11:17:19 20 Jun 14 HG
-231814/11-a@50
Hg 6.02 ppb .000 6.02
=

==========

*** Sample ID: Seq: 45 11:19:08 20 Jun 14 HG
460-77910-f-5-d
Hg .203 ppb .000 .203
=

*** Sample ID: Seq: 46 11:20:57 20 Jun 14 HG
460-77910-f-5-e du
Hg .244 ppb .000 .244
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 11:22:44 20 Jun 14 HG
460-77910-f-5-f ms
Hg 1.23 ppb .000 1.23
=

*** Sample ID: Seq: 48 11:24:42 20 Jun 14 HG
460-77715-a-26-b
Hg .025 ppb .000 .025
=

*** Sample ID: Seq: 49 11:26:43 20 Jun 14 HG
460-77746-d-1-h
Hg .077 ppb .000 .077
=

*** Sample ID: Seq: 50 11:28:32 20 Jun 14 HG
460-77782-f-12-c
Hg 4.00 ppb .000 4.00
=

*** Sample ID: Seq: 51 11:30:40 20 Jun 14 HG
460-77782-e-13-c
Hg 1.52 ppb .000 1.52
=

*** Sample ID: Seq: 52 11:32:30 20 Jun 14 HG
460-77782-f-14-d
Hg 1.52 ppb .000 1.52
=

*** Check Standard: 2 Ck2ACCV Seq: 53 11:34:20 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.3	4.92	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 54 11:36:10 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.012	.200	ppb	.000

=

*** Sample ID: Seq: 55 11:38:07 20 Jun 14 HG
460-77782-f-14-d
Hg 1.54 ppb .000 1.54
=

*** Sample ID: Seq: 56 11:40:36 20 Jun 14 HG
460-77782-f-15-d
Hg 1.46 ppb .000 1.46
=

*** Sample ID: Seq: 57 11:42:24 20 Jun 14 HG
460-77782-e-16-c
Hg .117 ppb .000 .117
=

*** Sample ID: Seq: 58 11:44:46 20 Jun 14 HG
460-77782-f-17-d
Hg 2.67 ppb .000 2.67
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 59 11:46:44 20 Jun 14 HG
460-77819-a-2-c
Hg 4.73 ppb .000 4.73
=

*** Sample ID: Seq: 60 11:48:32 20 Jun 14 HG
460-77910-d-1-b
Hg .516 ppb .000 .516
=

*** Sample ID: Seq: 61 11:50:20 20 Jun 14 HG
460-77910-d-2-b
Hg .139 ppb .000 .139
=

*** Sample ID: Seq: 62 11:52:09 20 Jun 14 HG
460-77910-d-3-b
Hg .105 ppb .000 .105
=

*** Sample ID: Seq: 63 11:54:11 20 Jun 14 HG
460-77910-e-4-d
Hg .067 ppb .000 .067
=

*** Sample ID: Seq: 64 11:56:49 20 Jun 14 HG
460-77910-e-6-a
Hg .033 ppb .000 .033
=

*** Check Standard: 2 Ck2ACCV Seq: 65 11:58:46 20 Jun 14 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.7	4.84	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 66 12:00:43 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.014	.200	ppb	.000

=

*** Sample ID: Seq: 67 12:02:32 20 Jun 14 HG
460-77931-a-9-n
Hg .426 ppb .000 .426
=

*** Sample ID: Seq: 68 12:04:55 20 Jun 14 HG
460-77931-a-18-h
Hg .449 ppb .000 .449
=

*** Sample ID: Seq: 69 12:07:03 20 Jun 14 HG
460-77888-a-6-c
Hg .252 ppb .000 .252
=

*** Sample ID: Seq: 70 12:09:23 20 Jun 14 HG
460-77888-a-7-c
Hg .114 ppb .000 .114
=

Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 71 12:11:45 20 Jun 14 HG
460-77888-a-8-c

Hg	.072	ppb	.000	.072				

=

*** Sample ID: Seq: 72 12:13:43 20 Jun 14 HG
SD 460-77910-f-5-d@5

Hg	.009	ppb	.000	.009				

=

*** Check Standard: 2 Ck2ACCV Seq: 73 12:15:34 20 Jun 14 HG

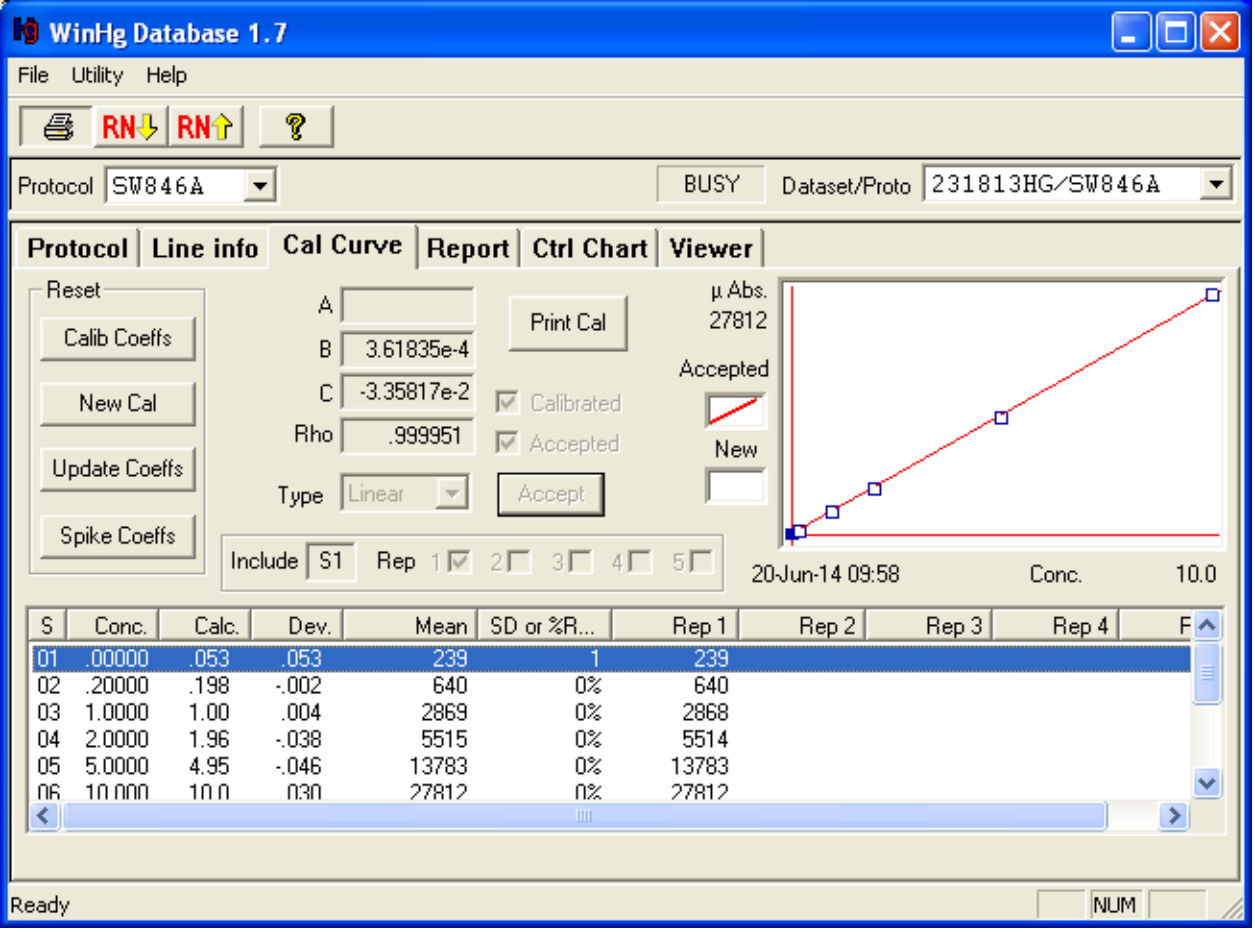
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.5	4.87	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 12:17:26 20 Jun 14 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.009	.200	ppb	.000

=


WinHg Database 1.7
File Utility Help
RN RN
Protocol SW846A
BUSY
Dataset/Proto 231813HG/SW846A
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.61835e-4
C -3.35817e-2
Rho .999951
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
27812
Accepted
New
Include S1 Rep 1 2 3 4 5
20-Jun-14 09:58
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 .053 .053 239 1 239
02 .20000 .198 -.002 640 0% 640
03 1.0000 1.00 .004 2869 0% 2868
04 2.0000 1.96 -.038 5515 0% 5514
05 5.0000 4.95 -.046 13783 0% 13783
06 10.000 10.0 .030 27812 0% 27812
Ready
NUM

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 Seq: 1 09:45:42 20 Jun 14 HG

Hg .000 ppb 230

=

*** Standard: 1 Rep: 1 Seq: 2 09:49:06 20 Jun 14 HG

Hg .000 ppb 239

=

*** Standard: 2 Rep: 1 Seq: 3 09:50:57 20 Jun 14 HG

Hg .200 ppb 640

=

*** Standard: 3 Rep: 1 Seq: 4 09:52:47 20 Jun 14 HG

Hg 1.00 ppb 2868

=

*** Standard: 4 Rep: 1 Seq: 5 09:54:38 20 Jun 14 HG

Hg 2.00 ppb 5514

=

*** Standard: 5 Rep: 1 Seq: 6 09:56:26 20 Jun 14 HG

Hg 5.00 ppb 13783

=

*** Standard: 6 Rep: 1 Seq: 7 09:58:25 20 Jun 14 HG

Hg 10.0 ppb 27812

=

*** Check Standard: 3 Ck3AICV Seq: 8 10:00:12 20 Jun 14 HG
Line Flag Intensities
Hg 13845

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 9 10:02:09 20 Jun 14 HG
Line Flag Intensities
Hg 97

=

*** Sample ID: Seq: 10 10:04:23 20 Jun 14 HG
mb 460-231813/10-a
Hg -.001 ppb 89

=

==========

*** Sample ID: lcssrm 460 Seq: 11 10:06:13 20 Jun 14 HG
-231813/11-a@50
Hg 6.00 ppb 16676

=

==========

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 12 10:08:11 20 Jun 14 HG
460-77502-d-10-g
Hg 98.1 ppb 271229
=

*** Sample ID: Seq: 13 10:11:37 20 Jun 14 HG
460-77502-d-10-g@20
Hg 4.73 ppb 13178
=

*** Sample ID: Seq: 14 10:13:26 20 Jun 14 HG
460-77502-d-10-h du@
Hg 4.96 ppb 13811
=

*** Sample ID: Seq: 15 10:15:18 20 Jun 14 HG
460-77502-d-10-i ms@
Hg 4.59 ppb 12779
=

*** Sample ID: Seq: 16 10:17:10 20 Jun 14 HG
460-78044-e-1-a
Hg 32.1 ppb 88902
=

*** Sample ID: Seq: 17 10:20:27 20 Jun 14 HG
460-78044-e-1-a@5
Hg 6.22 ppb 17273
=

*** Sample ID: Seq: 18 10:23:05 20 Jun 14 HG
460-78044-e-2-a
Hg 2.55 ppb 7142
=

*** Sample ID: Seq: 19 10:25:45 20 Jun 14 HG
460-78044-e-3-a
Hg 4.10 ppb 11424
=

*** Check Standard: 2 Ck2ACCV Seq: 20 10:27:33 20 Jun 14 HG
Line Flag Intensities
Hg 14019
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 21 10:29:50 20 Jun 14 HG
Line Flag Intensities
Hg 198
=

*** Sample ID: Seq: 22 10:32:22 20 Jun 14 HG
460-78044-e-4-a
Hg 3.26 ppb 9102
=

*** Sample ID: Seq: 23 10:34:11 20 Jun 14 HG
460-78044-e-5-a
Hg 2.34 ppb 6572
=

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 24 10:36:20 20 Jun 14 HG
460-78044-e-6-a
Hg 8.73 ppb 24215
=
*** Sample ID: Seq: 25 10:38:38 20 Jun 14 HG
460-78044-e-7-a
Hg .531 ppb 1560
=
*** Sample ID: Seq: 26 10:40:26 20 Jun 14 HG
460-77977-d-1-a
Hg 1.78 ppb 5003
=
*** Sample ID: Seq: 27 10:42:15 20 Jun 14 HG
460-77070-f-1-b
Hg 1.02 ppb 2912
=
*** Sample ID: Seq: 28 10:44:13 20 Jun 14 HG
460-77487-a-1-b
Hg .336 ppb 1021
=
*** Sample ID: Seq: 29 10:46:00 20 Jun 14 HG
460-77487-a-2-b
Hg .318 ppb 972
=
*** Sample ID: Seq: 30 10:47:47 20 Jun 14 HG
460-77487-a-3-b
Hg .323 ppb 985
=
*** Sample ID: Seq: 31 10:50:06 20 Jun 14 HG
460-77487-a-4-b
Hg .324 ppb 987
=
*** Check Standard: 2 Ck2ACCV Seq: 32 10:52:13 20 Jun 14 HG
Line Flag Intensities
Hg 14030
=
*** Check Standard: 1 Ck1ICB/CCB Seq: 33 10:54:09 20 Jun 14 HG
Line Flag Intensities
Hg 142
=
*** Sample ID: Seq: 34 10:56:19 20 Jun 14 HG
460-77489-a-1-b
Hg .532 ppb 1564
=
*** Sample ID: Seq: 35 10:58:09 20 Jun 14 HG
460-77502-d-1-m
Hg 1.69 ppb 4751
=

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 36 11:01:00 20 Jun 14 HG
460-77502-d-6-i
Hg 1.13 ppb 3210
=
*** Sample ID: Seq: 37 11:02:47 20 Jun 14 HG
460-77502-d-8-g
Hg 6.46 ppb 17957
=
*** Sample ID: Seq: 38 11:04:35 20 Jun 14 HG
460-77503-d-1-f
Hg 2.75 ppb 7703
=
*** Sample ID: Seq: 39 11:06:55 20 Jun 14 HG
460-77503-d-2-f
Hg 1.61 ppb 4540
=
*** Sample ID: Seq: 40 11:09:36 20 Jun 14 HG
SD 460-77502-d-10-g@
Hg .976 ppb 2790
=
*** Check Standard: 2 Ck2ACCV Seq: 41 11:11:24 20 Jun 14 HG

Line	Flag	Intensities
Hg		13568

=
*** Check Standard: 1 Ck1ICB/CCB Seq: 42 11:13:22 20 Jun 14 HG

Line	Flag	Intensities
Hg		114

=
*** Sample ID: Seq: 43 11:15:27 20 Jun 14 HG
mb 460-231814/10-a
Hg .003 ppb 101
=
==========
*** Sample ID: lcssrm 460 Seq: 44 11:17:19 20 Jun 14 HG
-231814/11-a@50
Hg 6.02 ppb 16730
=
==========
*** Sample ID: Seq: 45 11:19:08 20 Jun 14 HG
460-77910-f-5-d
Hg .203 ppb 653
=
*** Sample ID: Seq: 46 11:20:57 20 Jun 14 HG
460-77910-f-5-e du
Hg .244 ppb 767
=

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 11:22:44 20 Jun 14 HG
460-77910-f-5-f ms
Hg 1.23 ppb 3499
=
*** Sample ID: Seq: 48 11:24:42 20 Jun 14 HG
460-77715-a-26-b
Hg .025 ppb 161
=
*** Sample ID: Seq: 49 11:26:43 20 Jun 14 HG
460-77746-d-1-h
Hg .077 ppb 305
=
*** Sample ID: Seq: 50 11:28:32 20 Jun 14 HG
460-77782-f-12-c
Hg 4.00 ppb 11144
=
*** Sample ID: Seq: 51 11:30:40 20 Jun 14 HG
460-77782-e-13-c
Hg 1.52 ppb 4285
=
*** Sample ID: Seq: 52 11:32:30 20 Jun 14 HG
460-77782-f-14-d
Hg 1.52 ppb 4292
=
*** Check Standard: 2 Ck2ACCV Seq: 53 11:34:20 20 Jun 14 HG
Line Flag Intensities
Hg 13677
=
*** Check Standard: 1 Ck1ICB/CCB Seq: 54 11:36:10 20 Jun 14 HG
Line Flag Intensities
Hg 125
=
*** Sample ID: Seq: 55 11:38:07 20 Jun 14 HG
460-77782-f-14-d
Hg 1.54 ppb 4348
=
*** Sample ID: Seq: 56 11:40:36 20 Jun 14 HG
460-77782-f-15-d
Hg 1.46 ppb 4131
=
*** Sample ID: Seq: 57 11:42:24 20 Jun 14 HG
460-77782-e-16-c
Hg .117 ppb 417
=
*** Sample ID: Seq: 58 11:44:46 20 Jun 14 HG
460-77782-f-17-d
Hg 2.67 ppb 7468
=

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 59 11:46:44 20 Jun 14 HG
460-77819-a-2-c
Hg 4.73 ppb 13152
=
*** Sample ID: Seq: 60 11:48:32 20 Jun 14 HG
460-77910-d-1-b
Hg .516 ppb 1520
=
*** Sample ID: Seq: 61 11:50:20 20 Jun 14 HG
460-77910-d-2-b
Hg .139 ppb 476
=
*** Sample ID: Seq: 62 11:52:09 20 Jun 14 HG
460-77910-d-3-b
Hg .105 ppb 382
=
*** Sample ID: Seq: 63 11:54:11 20 Jun 14 HG
460-77910-e-4-d
Hg .067 ppb 279
=
*** Sample ID: Seq: 64 11:56:49 20 Jun 14 HG
460-77910-e-6-a
Hg .033 ppb 184
=
*** Check Standard: 2 Ck2ACCV Seq: 65 11:58:46 20 Jun 14 HG
Line Flag Intensities
Hg 13462
=
*** Check Standard: 1 Ck1ICB/CCB Seq: 66 12:00:43 20 Jun 14 HG
Line Flag Intensities
Hg 131
=
*** Sample ID: Seq: 67 12:02:32 20 Jun 14 HG
460-77931-a-9-n
Hg .426 ppb 1270
=
*** Sample ID: Seq: 68 12:04:55 20 Jun 14 HG
460-77931-a-18-h
Hg .449 ppb 1335
=
*** Sample ID: Seq: 69 12:07:03 20 Jun 14 HG
460-77888-a-6-c
Hg .252 ppb 789
=
*** Sample ID: Seq: 70 12:09:23 20 Jun 14 HG
460-77888-a-7-c
Hg .114 ppb 407
=

12:20:39 20 Jun 2014 Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 71 12:11:45 20 Jun 14 HG
460-77888-a-8-c

Hg	.072	ppb	291					

=

*** Sample ID: Seq: 72 12:13:43 20 Jun 14 HG
SD 460-77910-f-5-d@5

Hg	.009	ppb	117					

=

*** Check Standard: 2 Ck2ACCV Seq: 73 12:15:34 20 Jun 14 HG

Line	Flag	Intensities
Hg		13565

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 12:17:26 20 Jun 14 HG

Line	Flag	Intensities
Hg		117

=

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231816 Batch Start Date: 06/20/14 07:12 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 06/20/14 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00046	ME_LCSS_77 00013	
MB 460-231816/1		3050B, 6010C		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-231816/2		3050B, 6010C		CALC NOT SET TO RUN	1.01 g	50 mL		1.01 g	
460-77665-A-5 DU		3050B, 6010C	T	CALC NOT SET TO RUN	1.05 g	50 mL			
460-77665-A-5 MS		3050B, 6010C	T	CALC NOT SET TO RUN	1.05 g	50 mL	2 mL		
460-78044-E-1	S-1	3050B, 6010C	T	CALC NOT SET TO RUN	1.17 g	50 mL			
460-78044-E-2	S-2	3050B, 6010C	T	CALC NOT SET TO RUN	1.11 g	50 mL			
460-78044-E-3	S-3	3050B, 6010C	T	CALC NOT SET TO RUN	1.13 g	50 mL			
460-78044-E-4	S-4	3050B, 6010C	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-78044-E-5	S-5	3050B, 6010C	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-78044-E-6	S-6	3050B, 6010C	T	CALC NOT SET TO RUN	1.03 g	50 mL			
460-78044-E-7	S-7	3050B, 6010C	T	CALC NOT SET TO RUN	1.03 g	50 mL			

Batch Notes	
Balance ID	#35
Hydrogen peroxide lot number	0000058169
Lot # of hydrochloric acid	0000053959
Lot # of Nitric Acid	0000062457
Hood ID or number	8
Hot Block ID number	1
Nominal Amount Used	J189516-264(50 mL DigiTUBES) g
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1[(CF-1)]

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231838 Batch Start Date: 06/20/14 08:00 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: 06/20/14 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00019			
MB 460-231838/1		3010A, 6020		100 mL	100 mL				
LCS 460-231838/2		3010A, 6020		100 mL	100 mL	0.5 mL			
460-78073-N-2 DU		3010A, 6020	T	100 mL	100 mL				
460-78073-N-2 MS		3010A, 6020	T	100 mL	100 mL	0.5 mL			
460-78044-H-8	TWP-1	3010A, 6020	T	100 mL	100 mL				
460-78044-H-9	TWP-4	3010A, 6020	T	100 mL	100 mL				
460-78044-H-10	TWP-5	3010A, 6020	T	100 mL	100 mL				
460-78044-H-11	TWP-7	3010A, 6020	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL MPR 262, 1:1 HNO3 MPR 260
Filter Paper Lot Number	09-790F
Lot # of hydrochloric acid	0000053959
Lot # of Nitric Acid	0000072716
Hot Block ID number	HB3
Pipette ID	43
ID number of the thermometer	Prep-3 (CF -1)
Digestion Tube/Cup Lot #	188223

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231888 Batch Start Date: 06/20/14 09:00 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 06/20/14 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 01686			
ICV 460-231888/26		7470A, 7470A		30 mL	30 mL	1.5 mL			
CCV 460-231888/28		7470A, 7470A		30 mL	30 mL	1.5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr02114
Sulfuric Acid Lot Number	0000053267
Lot # of hydrochloric acid	hgr02115
Lot # of Nitric Acid	0000059659
Hood ID or number	2
Hot Block ID number	3
Potassium Persulfate Lot Number	hgr02111
Potassium Permanganate Lot Number	hgr02112
NaCl Lot #	hgr02114
Pipette ID	3,44,48
Stannous Chloride Lot Number	hgr02116
Temperature	97 uncorr., 95 corr. Celsius
ID number of the thermometer	prep-1(cf-2)
Digestion Tube/Cup Lot #	j183053

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231890 Batch Start Date: 06/20/14 09:00 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 06/20/14 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 01686			
MB 460-231890/1		7470A, 7470A		30 mL	30 mL				
LCS 460-231890/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-77951-H-1 DU		7470A, 7470A	T	30 mL	30 mL				
460-77951-H-1 MS		7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-78044-H-8	TWP-1	7470A, 7470A	T	30 mL	30 mL				
460-78044-H-9	TWP-4	7470A, 7470A	T	30 mL	30 mL				
460-78044-H-10	TWP-5	7470A, 7470A	T	30 mL	30 mL				
460-78044-H-11	TWP-7	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr02114
Sulfuric Acid Lot Number	0000065090
Lot # of hydrochloric acid	hgr02115
Lot # of Nitric Acid	0000069571
Hood ID or number	# 2
Hot Block ID number	3
Potassium Persulfate Lot Number	hgr02111
Potassium Permanganate Lot Number	hgr02112
NaCl Lot #	hgr02114
Pipette ID	# 3,44,48
Stannous Chloride Lot Number	hgr02116
Temperature	97 uncorr, 95 corr. Degrees C
ID number of the thermometer	prep-1(cf-2)
Digestion Tube/Cup Lot #	189516

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231813 Batch Start Date: 06/20/14 06:00 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 06/20/14 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 01685	ME_LCSS_77 00013		
MB 460-231813/10		7471B, 7471B		0.60 g	50 mL				
LCSSRM 460-231813/11		7471B, 7471B		0.60 g	50 mL		0.6 g		
460-77502-D-10 DU		7471B, 7471B	T	0.66 g	50 mL				
460-77502-D-10 MS		7471B, 7471B	T	0.66 g	50 mL	0.5 mL			
460-78044-E-1	S-1	7471B, 7471B	T	0.65 g	50 mL				
460-78044-E-2	S-2	7471B, 7471B	T	0.67 g	50 mL				
460-78044-E-3	S-3	7471B, 7471B	T	0.62 g	50 mL				
460-78044-E-4	S-4	7471B, 7471B	T	0.66 g	50 mL				
460-78044-E-5	S-5	7471B, 7471B	T	0.60 g	50 mL				
460-78044-E-6	S-6	7471B, 7471B	T	0.61 g	50 mL				
460-78044-E-7	S-7	7471B, 7471B	T	0.63 g	50 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR02105
Balance ID	#35
Batch Comment	10% HCL - HgR02106
Lot # of hydrochloric acid	0000053959
Lot # of Nitric Acid	0000076768
Hood ID or number	#2
Hot Block ID number	#3
Potassium Permanganate Lot Number	HgR02100
NaCl Lot #	HgR02105
Oven, Bath or Block Temperature 1	97 uncorr 95 corr Celsius
Pipette ID	#3
Stannous Chloride Lot Number	HgR02107
ID number of the thermometer	Prep-1 (CF -2)
Digestion Tube/Cup Lot #	189516

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231813 Batch Start Date: 06/20/14 06:00 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 06/20/14 09:00

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

SDG No.:

Project: G6-2108

Client Sample ID	Lab Sample ID
S-1	460-78044-1
S-2	460-78044-2
S-3	460-78044-3
S-4	460-78044-4
S-5	460-78044-5
S-6	460-78044-6
S-7	460-78044-7
TWP-1	460-78044-8
TWP-4	460-78044-9
TWP-5	460-78044-10
TWP-7	460-78044-11

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-1 Lab Sample ID: 460-78044-1

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Solid Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY Date Received: 06/19/2014 12:30

% Solids: 78.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.14	0.13	0.071	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-2 | Lab Sample ID: 460-78044-2

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY | Date Received: 06/19/2014 12:30

% Solids: 81.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.068	0.12	0.068	mg/Kg	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-3 | Lab Sample ID: 460-78044-3

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY | Date Received: 06/19/2014 12:30

% Solids: 75.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.075	0.13	0.073	mg/Kg	J		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-4 | Lab Sample ID: 460-78044-4

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY | Date Received: 06/19/2014 12:30

% Solids: 80.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.19	0.12	0.069	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-5 | Lab Sample ID: 460-78044-5

Lab Name: TestAmerica Edison | Job No.: 460-78044-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY | Date Received: 06/19/2014 12:30

% Solids: 76.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.072	0.13	0.072	mg/Kg	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-6 Lab Sample ID: 460-78044-6

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Solid Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY Date Received: 06/19/2014 12:30

% Solids: 83.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.12	0.066	mg/Kg	J		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: S-7 Lab Sample ID: 460-78044-7

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Solid Date Sampled: 06/18/2014 00:00

Reporting Basis: DRY Date Received: 06/19/2014 12:30

% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.062	0.11	0.062	mg/Kg	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TWP-1 Lab Sample ID: 460-78044-8

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Water Date Sampled: 06/18/2014 00:00

Reporting Basis: WET Date Received: 06/19/2014 12:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0040	0.010	0.0040	mg/L	U		1	335.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TWP-4 Lab Sample ID: 460-78044-9

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Water Date Sampled: 06/18/2014 00:00

Reporting Basis: WET Date Received: 06/19/2014 12:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0092	0.010	0.0040	mg/L	J		1	335.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TWP-5 Lab Sample ID: 460-78044-10

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Water Date Sampled: 06/18/2014 00:00

Reporting Basis: WET Date Received: 06/19/2014 12:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.023	0.010	0.0040	mg/L			1	335.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TWP-7 Lab Sample ID: 460-78044-11

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG ID.:

Matrix: Water Date Sampled: 06/18/2014 00:00

Reporting Basis: WET Date Received: 06/19/2014 12:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0089	0.010	0.0040	mg/L	J		1	335.4

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Analyst: HTV Batch Start Date: 06/24/2014

Reporting Units: mg/L Analytical Batch No.: 232558

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
56	CCV	14:49	Cyanide, Total	0.194	0.200	97	90-110		WTcnIM3_01285
57	CCB	14:51	Cyanide, Total	0.0040				U	
68	CCV	15:01	Cyanide, Total	0.193	0.200	97	90-110		WTcnIM3_01285
69	CCB	15:03	Cyanide, Total	0.0040				U	
78	CCV	15:13	Cyanide, Total	0.192	0.200	96	90-110		WTcnIM3_01285
79	CCB	15:15	Cyanide, Total	0.0040				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Analyst: HTV Batch Start Date: 06/24/2014

Reporting Units: mg/L Analytical Batch No.: 232558

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	CCV	14:00	Cyanide, Total	0.194	0.200	97	90-110		WTcnIM3_01285
9	CCB	14:03	Cyanide, Total	0.0040				U	
10	ICV	14:04	Cyanide, Total	0.194	0.200	97	90-110		WTcnIM3_01285
20	CCV	14:13	Cyanide, Total	0.193	0.200	97	90-110		WTcnIM3_01285
21	CCB	14:15	Cyanide, Total	0.0040				U	
32	CCV	14:25	Cyanide, Total	0.193	0.200	97	90-110		WTcnIM3_01285
33	CCB	14:27	Cyanide, Total	0.0040				U	
44	CCV	14:37	Cyanide, Total	0.192	0.200	96	90-110		WTcnIM3_01285
45	CCB	14:39	Cyanide, Total	0.0040				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 232558	Date: 06/24/2014 14:42	Prep Batch: 232529	Date: 06/24/2014 11:30				
335.4	MB 460-232529/1-A	Cyanide, Total	0.0040	U	mg/L	0.010	1
Batch ID: 232558	Date: 06/24/2014 14:05	Prep Batch: 232505	Date: 06/24/2014 07:00				
9012B	MB 460-232505/1-A	Cyanide, Total	0.055	U	mg/Kg	0.10	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:22		Prep Batch: 232505		Date: 06/24/2014 07:00						
9012B	460-78044-1	Cyanide, Total	0.14		mg/Kg						
9012B	460-78044-1 MS	Cyanide, Total	2.35		mg/Kg	2.57	86	40-130			

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 V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:58		Prep Batch: 232529		Date: 06/24/2014 11:30						
335.4	460-77959-F-2-C	Cyanide, Total	0.0040	U	mg/L						
335.4	460-77959-F-2-C MS	Cyanide, Total	0.175		mg/L	0.200	88	90-110			F1

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:23		Prep Batch: 232505		Date: 06/24/2014 07:00						
9012B	460-78044-1 MSD	Cyanide, Total	1.90		mg/Kg	2.57	69	40-130	21	32	

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 V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:59		Prep Batch: 232529		Date: 06/24/2014 11:30						
335.4	460-77959-F-2 -D MSD	Cyanide, Total	0.182		mg/L	0.200	91	90-110	4	11	

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

FORM V-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:06		Prep Batch: 232505			Date: 06/24/2014 07:00					
						LCS Source: WTcnIM1_01268					
9012B	LLCS 460-232505/2-A	Cyanide, Total	0.927		mg/Kg	1.00	93	90-110			

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

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:07		Prep Batch: 232505		Date: 06/24/2014 07:00						
					LCS Source: WTcnIM1_01268						
9012B	HLCS 460-232505/3-A	Cyanide, Total	1.85		mg/Kg	2.00	93	90-110			

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

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232558	Date: 06/24/2014 14:43		Prep Batch: 232529		Date: 06/24/2014 11:30						
					LCS Source: WTcnIM1_01268						
335.4	HLCS 460-232529/2-A	Cyanide, Total	0.191		mg/L	0.200	96	90-110			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

SDG Number:

Matrix: Water Instrument ID: Lachat3

Method: 335.4 MDL Date: 10/31/2012 10:31

Prep Method: Distill/CN

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cyanide, Total		0.01	0.004

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

SDG Number:

Matrix: Water Instrument ID: Lachat3

Method: 335.4 XMDL Date: 10/31/2012 10:32

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.004

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

SDG Number:

Matrix: Solid Instrument ID: Lachat3

Method: 9012B MDL Date: 10/31/2012 10:42

Prep Method: 9012B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Cyanide, Total		0.1	0.055

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

SDG Number:

Matrix: Solid Instrument ID: Lachat3

Method: 9012B XMDL Date: 10/31/2012 10:42

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.004

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-78044-1

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: 460-78044-1

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	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Prep Method: 9012B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-232505/1-A	06/24/2014 07:00	232505	0.5		5.0
LLCS 460-232505/2-A	06/24/2014 07:00	232505	0.5		5.0
HLCS 460-232505/3-A	06/24/2014 07:00	232505	0.5		5.0
460-78044-1	06/24/2014 07:00	232505	0.5		5.0
460-78044-1 MS	06/24/2014 07:00	232505	0.5		5.0
460-78044-1 MSD	06/24/2014 07:00	232505	0.5		5.0
460-78044-2	06/24/2014 07:00	232505	0.5		5.0
460-78044-3	06/24/2014 07:00	232505	0.5		5.0
460-78044-4	06/24/2014 07:00	232505	0.5		5.0
460-78044-5	06/24/2014 07:00	232505	0.5		5.0
460-78044-6	06/24/2014 07:00	232505	0.5		5.0
460-78044-7	06/24/2014 07:00	232505	0.5		5.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Prep Method: Distill/CN

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-232529/1-A	06/24/2014 11:30	232529		5.0	5.0
HLCS 460-232529/2-A	06/24/2014 11:30	232529		5.0	5.0
460-77959-F-2-C MS	06/24/2014 11:30	232529		5.0	5.0
460-77959-F-2-D MSD	06/24/2014 11:30	232529		5.0	5.0
460-78044-8	06/24/2014 11:30	232529		5.0	5.0
460-78044-9	06/24/2014 11:30	232529		5.0	5.0
460-78044-10	06/24/2014 11:30	232529		5.0	5.0
460-78044-11	06/24/2014 11:30	232529		5.0	5.0

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: Lachat3 Method: 335.4

Start Date: 06/24/2014 13:54 End Date: 06/24/2014 15:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			13:54																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
CCB 460-232558/9	1		14:03	X																			
MB 460-232505/1-A	1	T	14:05	X																			
HLCS 460-232505/3-A	1	T	14:07	X																			
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
CCB 460-232558/21	1		14:15	X																			
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:20																				
460-78044-1 MS	1	T	14:22	X																			
ZZZZZZ			14:24																				
CCB 460-232558/33	1		14:27	X																			
460-78044-3	1	T	14:29	X																			
460-78044-5	1	T	14:31	X																			
460-78044-7	1	T	14:32	X																			
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
CCB 460-232558/45	1		14:39	X																			
ZZZZZZ			14:41																				
HLCS 460-232529/2-A	1	T	14:43	X																			
ZZZZZZ			14:44																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
CCB 460-232558/57	1		14:51	X																			
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
460-77959-F-2-C MS	1	T	14:58	X																			
460-78044-8	1	T	15:00	X																			
CCB 460-232558/69	1		15:03	X																			
460-78044-10	1	T	15:05	X																			
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:12																				
CCB 460-232558/79	1		15:15	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: Lachat3 Method: 335.4

Start Date: 06/24/2014 13:54 End Date: 06/24/2014 15:15

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: Lachat3 Method: 9012B

Start Date: 06/24/2014 13:54 End Date: 06/24/2014 15:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
CCV 460-232558/8	1		14:00	X																			
ICV 460-232558/10	1		14:04	X																			
LLCS 460-232505/2-A	1	T	14:06	X																			
ZZZZZZ			14:07																				
ZZZZZZ			14:09																				
ZZZZZZ			14:11																				
CCV 460-232558/20	1		14:13	X																			
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:19																				
460-78044-1	1	T	14:21	X																			
460-78044-1 MSD	1	T	14:23	X																			
CCV 460-232558/32	1		14:25	X																			
460-78044-2	1	T	14:28	X																			
460-78044-4	1	T	14:30	X																			
460-78044-6	1	T	14:32	X																			
ZZZZZZ			14:33																				
ZZZZZZ			14:35																				
CCV 460-232558/44	1		14:37	X																			
ZZZZZZ			14:40																				
MB 460-232529/1-A	1	T	14:42	X																			
ZZZZZZ			14:44																				
ZZZZZZ			14:45																				
ZZZZZZ			14:47																				
CCV 460-232558/56	1		14:49	X																			
ZZZZZZ			14:52																				
ZZZZZZ			14:54																				
ZZZZZZ			14:56																				
ZZZZZZ			14:57																				
460-77959-F-2-D MSD	1	T	14:59	X																			
CCV 460-232558/68	1		15:01	X																			
460-78044-9	1	T	15:04	X																			
460-78044-11	1	T	15:06	X																			
ZZZZZZ			15:08																				
ZZZZZZ			15:09																				
CCV 460-232558/78	1		15:13	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/19/2014 14:30 End Date: 06/19/2014 14:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
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ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
ZZZZZZ			14:30																					
460-78044-1	1	T	14:30	X	X																			
460-78044-2	1	T	14:30	X	X																			
460-78044-3	1	T	14:30	X	X																			
460-78044-4	1	T	14:30	X	X																			
460-78044-5	1	T	14:30	X	X																			
460-78044-5 DU	1	T	14:30	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/19/2014 15:28 End Date: 06/19/2014 15:28

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			15:28																					
460-78044-6	1	T	15:28	X	X																			
460-78044-7	1	T	15:28	X	X																			
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
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ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
ZZZZZZ			15:28																					
460-78061-A-6 DU	1	T	15:28	X	X																			

Prep Types

T = Total/NA

Author: EdiLachat Date : 6/24/2014

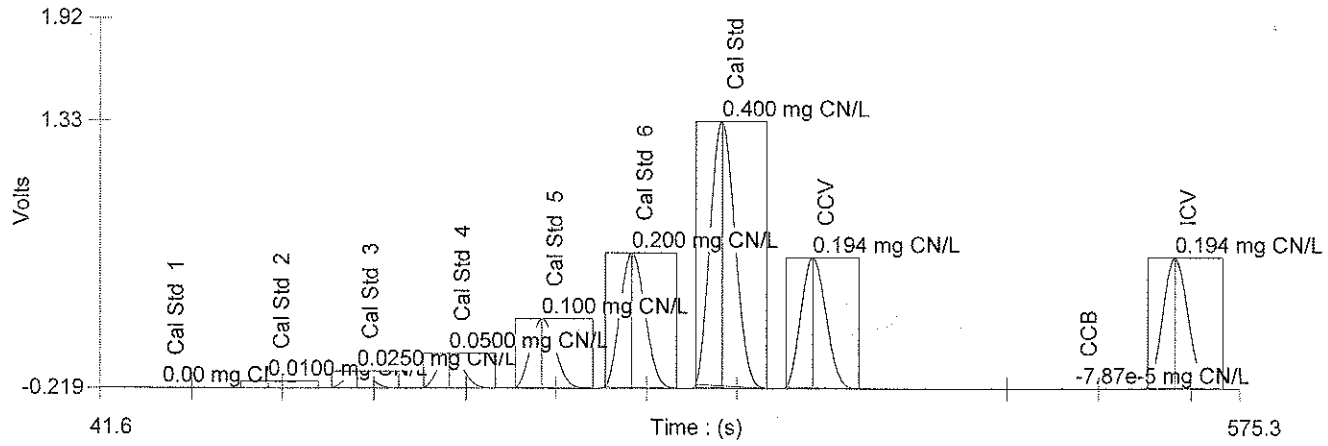
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Current Run Filename: OM_6-24-2014_01-54-03PM.OMN Last Modified: 6/24/2014 3:17:39 PM
Current Run Author's Signature: [EdiLachat]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 Cyanide Conc. (mg CN/L)	Channel 1 Cyanide Area (V.s)
Cal Std 1	1	S1	0.00	0.0109
Cal Std 2	1	S2	0.0100	0.520
Cal Std 3	1	S3	0.0250	1.29
Cal Std 4	1	S4	0.0500	2.62
Cal Std 5	1	S5	0.100	5.32
Cal Std 6	1	S6	0.200	10.4
Cal Std 7	1	S7	0.400	20.4
CCV	1	S8	0.194	10.0
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-2.8 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-2.8 > -10.0	
		Message	CCV Passed	
		Action		
		Calibration:	Table/Fig. : 1	
CCB	1	S9	-7.87e-5	0.0102
		Known Conc:	0.00	
ICV	1	1	0.194	9.99
MB 460-232505/1-A	1	2	1.07e-3	0.0692
LLCS 460-232505/2-A	1	3	0.0927	4.79
HLCS 460-232505/3-A	1	4	0.185	9.55
460-77712-C-15-L	1	5	0.0108	0.568
460-77712-C-15-M MS	1	6	0.175	9.02
460-77712-C-15-N MSD	1	7	0.181	9.33
460-77712-A-7-D	1	8	9.59e-3	0.508
460-77712-C-9-E	1	9	0.0113	0.597
460-77712-C-16-E	1	10	7.39e-3	0.394
CCV	1	S8	0.193	9.96
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.4 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.4 > -10.0	
		Message	CCV Passed	
		Action		
CCB	1	S9	-3.08e-4	-1.64e-3
		Known Conc:	0.00	
460-77794-A-2-J	1	11	0.306	15.8
460-77831-C-4-C	1	12	0.0110	0.581
460-77831-C-12-C	1	13	0.0166	0.866
460-77831-C-16-C	1	14	0.0104	0.548
460-77831-C-17-C	1	15	1.76e-4	0.0233
460-77831-C-23-C	1	16	9.21e-3	0.488
460-78044-F-1-D	1	17	0.0108	0.571
460-78044-F-1-E MS	1	18	0.183	9.41
460-78044-F-1-F MSD	1	19	0.148	7.65
460-77831-C-27-C	1	20	0.0192	1.00
CCV	1	S8	0.193	9.95
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.5 < 10.0	
		Message	Passed ccv	
		Action	Continue	

DQM Test: < - Percent Relative Difference				
		Result:	-3.5 > -10.0	
		Message	CCV Passed	
		Action		
CCB	1	S9	-8.16e-5	0.0100
		Known Conc:	0.00	
460-78044-F-2-D	1	21	4.87e-3	0.265
460-78044-F-3-D	1	22	5.63e-3	0.304
460-78044-F-4-D	1	23	0.0156	0.815
460-78044-F-5-D	1	24	2.33e-3	0.134
460-78044-F-6-D	1	25	8.84e-3	0.469
460-78044-F-7-D	1	26	5.45e-3	0.295
MB 460-232510/1-A	1	27	-6.66e-4	-0.0201
LLCS 460-232510/2-A	1	28	0.0933	4.82
HLCS 460-232510/3-A	1	29	0.185	9.53
460-77671-I-1-A	1	30	5.17e-3	0.280
CCV	1	S8	0.192	9.88
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-4.2 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-4.2 > -10.0	
		Message	CCV Passed	
		Action		
CCB	1	S9	-3.70e-4	-4.87e-3
		Known Conc:	0.00	
460-77671-I-1-B MS	1	31	0.174	8.95
460-77671-I-1-C MSD	1	32	0.182	9.40
MB 460-232529/1-A	1	33	3.62e-4	0.0329
HLCS 460-232529/2-A	1	34	0.191	9.84
460-77839-J-1-D	1	35	2.81e-3	0.159
460-77839-J-1-E MS	1	36	0.182	9.37
460-77839-J-1-F MSD	1	37	0.185	9.53
460-77884-G-1-B	1	38	6.68e-3	0.358
460-77884-G-2-B	1	39	2.05e-3	0.120
460-77884-G-3-B	1	40	7.72e-4	0.0539
CCV	1	S8	0.194	10.0
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.0 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.0 > -10.0	
		Message	CCV Passed	
		Action		
CCB	1	S9	-3.71e-4	-4.90e-3
		Known Conc:	0.00	
460-77884-F-4-B	1	41	-4.08e-4	-6.81e-3
460-77884-G-6-B	1	42	3.27e-4	0.0310
460-77866-A-4-A	1	43	0.0303	1.57
460-77866-A-8-A	1	44	7.99e-4	0.0553
460-77866-A-12-A	1	45	4.88e-4	0.0393
460-77878-A-2-A	1	46	1.94e-3	0.114
460-77959-F-2-B	1	47	4.68e-4	0.0383
460-77959-F-2-C MS	1	48	0.175	9.03
460-77959-F-2-D MSD	1	49	0.182	9.37
460-78044-E-8-B	1	50	1.56e-3	0.0947
CCV	1	S8	0.193	9.94
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.6 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.6 > -10.0	

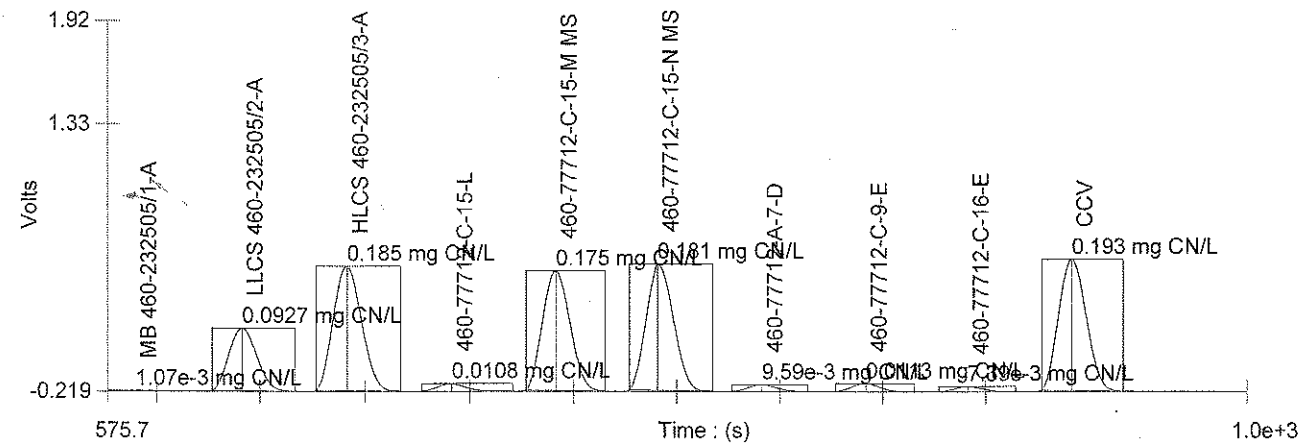
		Message	CCV Passed	
		Action		
CCB	1	S9	-1.04e-4	8.86e-3
		Known Conc:	0.00	
460-78044-E-9-B	1	51	9.19e-3	0.487
460-78044-E-10-B	1	52	0.0233	1.21
460-78044-E-11-B	1	53	8.90e-3	0.472
460-78073-K-1-B	1	54	5.96e-3	0.321
460-78073-K-2-B	1	55	6.11e-3	0.329
460-78073-K-3-D	1	56	2.36e-4	0.0264
460-77976-D-1-A	1	57	1.41e-3	0.0870
460-77952-D-3-A	1	58	7.85e-4	0.0546
CCV	1	S8	0.192	9.90
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-4.0 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-4.0 > -10.0	
		Message	CCV Passed	
		Action		
CCB	1	S9	-4.84e-4	-0.0107
		Known Conc:	0.00	

Channel 1 (Cyanide) - Set: 1 / 8

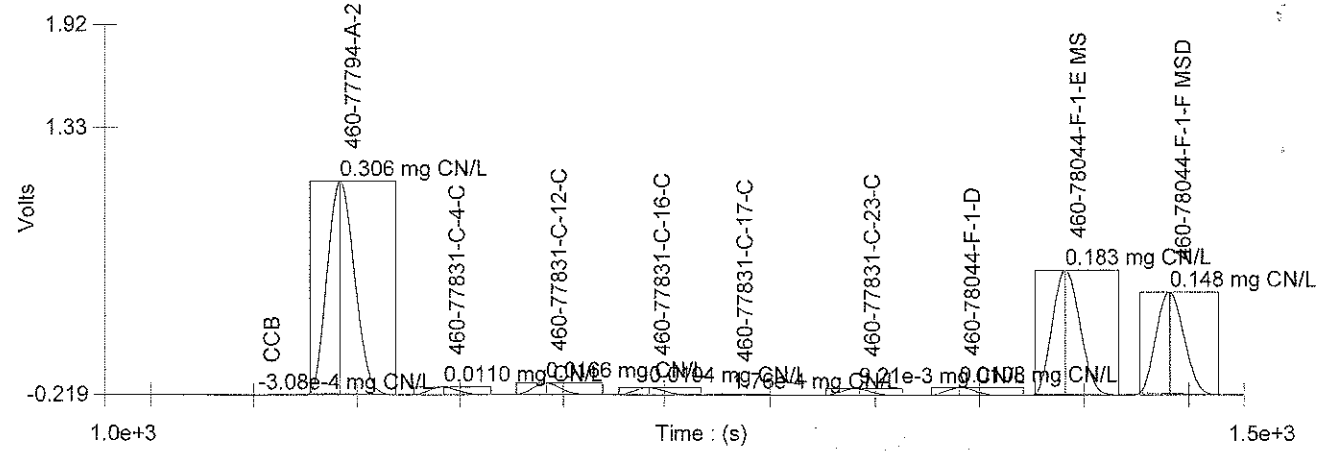


Author: EdiLachat Date : 6/24/2014

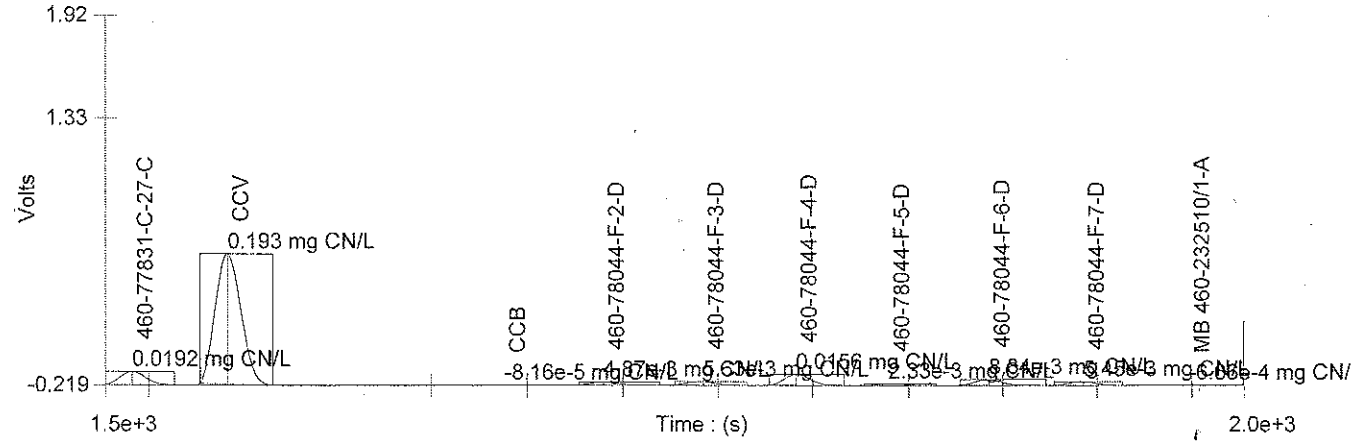
Channel 1 (Cyanide) - Set: 2 / 8



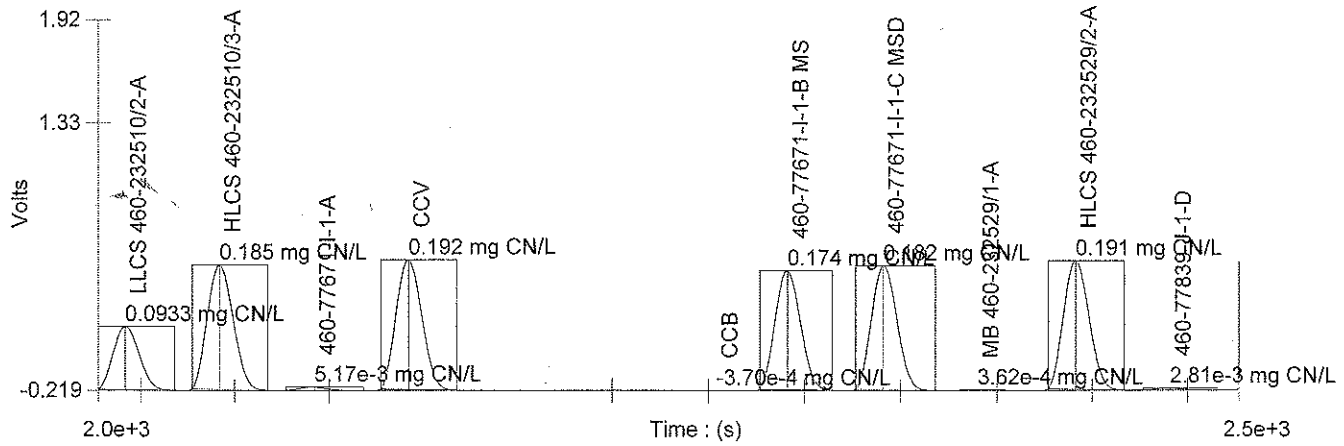
Channel 1 (Cyanide) - Set: 3 / 8



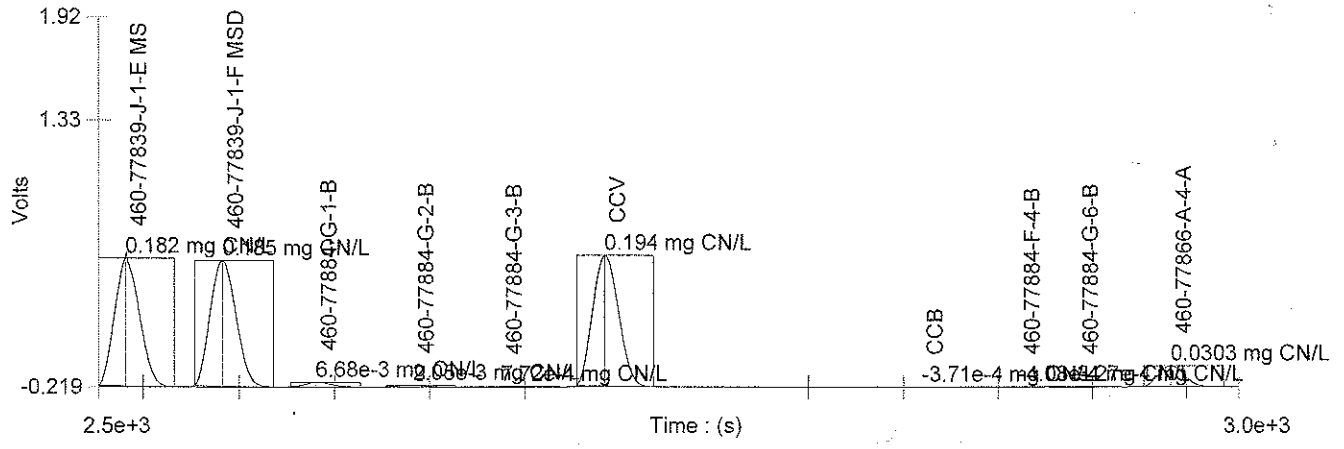
Channel 1 (Cyanide) - Set: 4 / 8



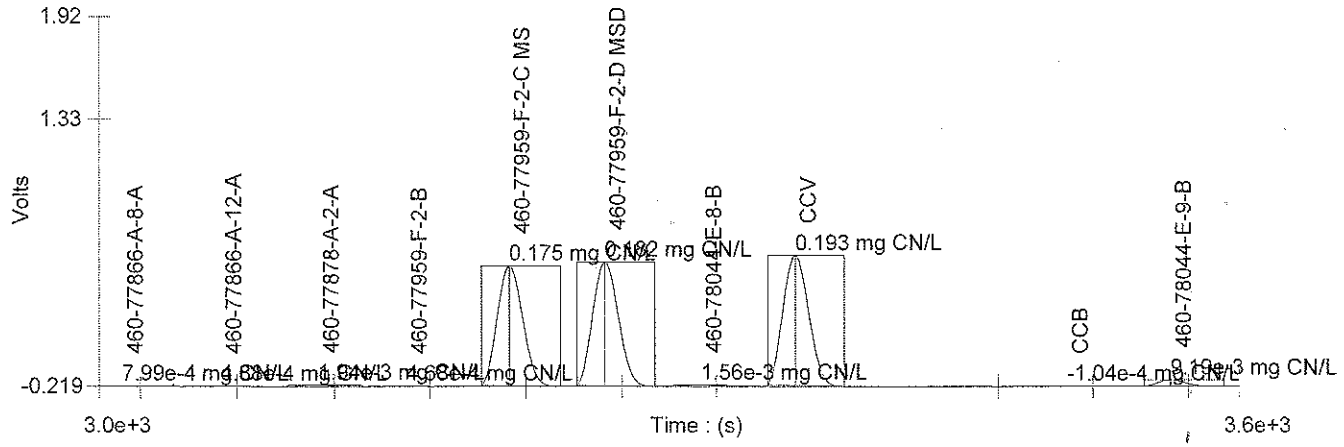
Channel 1 (Cyanide) - Set: 5 / 8



Channel 1 (Cyanide) - Set: 6 / 8



Channel 1 (Cyanide) - Set: 7 / 8



Author: EdiLachat

Date : 6/24/2014

Channel 1 (Cyanide) - Set: 8 / 8

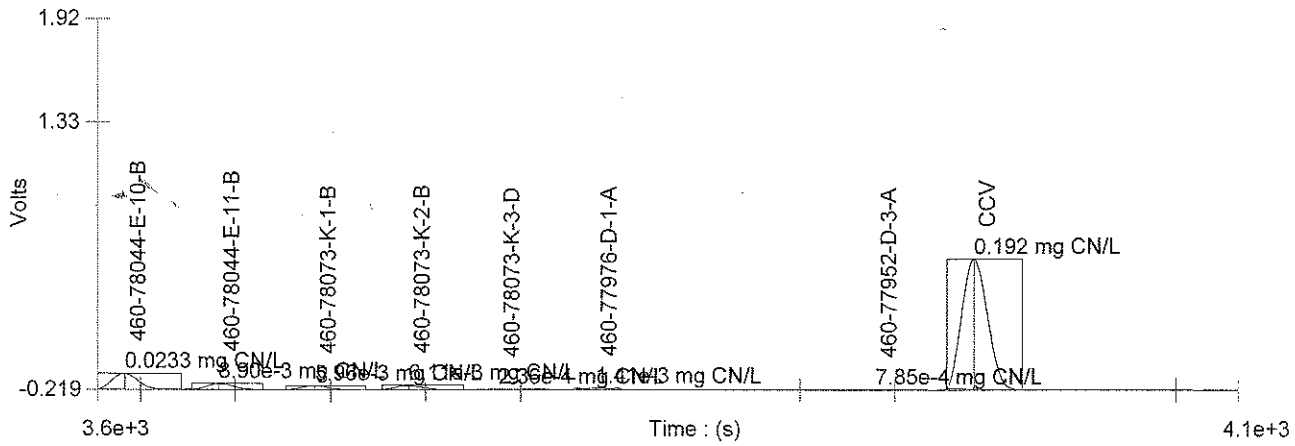
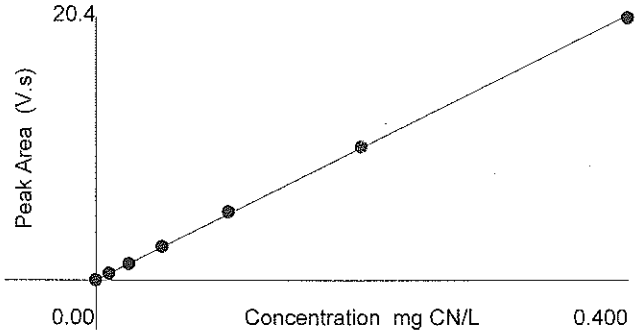


Table : 1 (Cyanide)

	Known Conc. (mg CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg CN/L)	Detection Date	Detection Time
1	0.400	1	20.4	1.53	0.0	1.0	0.396	6/24/2014	2:00:07 PM
2	0.200	1	10.4	0.777	0.0	-0.5	0.201	6/24/2014	1:59:15 PM
3	0.100	1	5.32	0.398	0.0	-3.0	0.103	6/24/2014	1:58:24 PM
4	0.0500	1	2.62	0.198	0.0	-1.1	0.0505	6/24/2014	1:57:32 PM
5	0.0250	1	1.29	0.0968	0.0	1.2	0.0247	6/24/2014	1:56:40 PM
6	0.0100	1	0.520	0.0389	0.0	1.6	9.83e-3	6/24/2014	1:55:48 PM
7	0.00	1	0.0109	8.14e-4			-6.37e-5	6/24/2014	1:54:56 PM

Figure : 1 (Cyanide)



Area = 51.5 * Conc + 0.0145
Conc = 0.0194 * Area - 2.76e-4
Correlation Coefficient (r) = 0.99997

Weighting : 1/x

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 232529 Batch Start Date: 06/24/14 11:30 Batch Analyst: Afremova, Izabella

Batch Method: Distill/CN Batch End Date: 06/24/14 13:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	DistillpHCheck	SulfideCheck	ChlorineCheck	WTcnIM1 01268
MB 460-232529/1		Distill/CN, 335.4		5.0 mL	5.0 mL				
HLCS 460-232529/2		Distill/CN, 335.4		5.0 mL	5.0 mL				0.1 mL
460-77959-F-2 MS		Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	0.1 mL
460-77959-F-2 MSD		Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	0.1 mL
460-78044-E-8	TWP-1	Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	
460-78044-E-9	TWP-4	Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	
460-78044-E-10	TWP-5	Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	
460-78044-E-11	TWP-7	Distill/CN, 335.4	T	5.0 mL	5.0 mL	ph>12	N	N	

Batch Notes	
Distillation Temperature	120 Degrees C
Magnesium Chloride Reagent ID Number	# C - 0683-14 exp.12/23/14
Sodium Hydroxide Reagent ID Number	# C - 0445-14 exp.10/08/14
Sulfamic Acid Reagent ID Number	# C - 0682-14 exp.12/23/14
Sulfuric Acid Reagent ID Number	# C - 0580-14 exp.11/22/14

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 232558 Batch Start Date: 06/24/14 13:54 Batch Analyst: Vu, Huan

Batch Method: 335.4 Batch End Date: 06/24/14 16:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 01285				
CCV 460-232558/56		335.4		100 mL	2 mL				
CCV 460-232558/68		335.4		100 mL	2 mL				
CCV 460-232558/78		335.4		100 mL	2 mL				

Batch Notes	
Batch Comment	B(1583-1589)-14 CAL exp;06/24/14
Buffer Reagent ID Number	C-0688-14 exp;07/24/14
Chloramine-T Reagent ID Number	C-0686-14 exp:06/24/14
NaOH Lot #	C-0687-14 exp;12/24/14
Ottawa Sand Lot #	B(1590)-14 : CCV exp;06/24/14
Pyridine-Barbituric Acid Reagent ID	C-0666-14 exp;06/24/14

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 232505 Batch Start Date: 06/24/14 07:00 Batch Analyst: Afremova, Izabella

Batch Method: 9012B Batch End Date: 06/24/14 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 01268			
MB 460-232505/1		9012B, 9012B		0.5 g	5.0 mL				
LLCS 460-232505/2		9012B, 9012B		0.5 g	5.0 mL	0.05 mL			
HLCS 460-232505/3		9012B, 9012B		0.5 g	5.0 mL	0.1 mL			
460-78044-F-1	S-1	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-1 MS	S-1	9012B, 9012B	T	0.5 g	5.0 mL	0.1 mL			
460-78044-F-1 MSD	S-1	9012B, 9012B	T	0.5 g	5.0 mL	0.1 mL			
460-78044-F-2	S-2	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-3	S-3	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-4	S-4	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-5	S-5	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-6	S-6	9012B, 9012B	T	0.5 g	5.0 mL				
460-78044-F-7	S-7	9012B, 9012B	T	0.5 g	5.0 mL				

Batch Notes	
Distillation Temperature	120 Degrees C
Magnesium Chloride Lot Number	Fisher/117251
Sodium Hydroxide Reagent ID Number	# C - 0445-14 exp.10/08/14
Sulfamic Acid Reagent ID Number	# C - 0682-14 exp.12/23/14
Sulfuric Acid Reagent ID Number	# C - 0580-14 exp.11/22/14

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 232558 Batch Start Date: 06/24/14 13:54 Batch Analyst: Vu, Huan

Batch Method: 9012B Batch End Date: 06/24/14 16:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 01285				
CCV 460-232558/8		9012B		100 mL	2 mL				
ICV 460-232558/10		9012B		100 mL	2 mL				
CCV 460-232558/20		9012B		100 mL	2 mL				
CCV 460-232558/32		9012B		100 mL	2 mL				
CCV 460-232558/44		9012B		100 mL	2 mL				

Batch Notes	
Batch Comment	B(1583-1589)-14 CAL exp;06/24/14
Buffer Reagent ID Number	C-0688-14 exp;07/24/14
Chloramine-T Reagent ID Number	C-0686-14 exp:06/24/14
NaOH Lot #	C-0687-14 exp;12/24/14
Ottawa Sand Lot #	B(1590)-14 : CCV exp;06/24/14
Pyridine-Barbituric Acid Reagent ID	C-0666-14 exp;06/24/14

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231696 Batch Start Date: 06/19/14 14:30 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-78044-F-1	S-1	Moisture	T	163	1.04 g	6.44 g	5.25 g		
460-78044-F-2	S-2	Moisture	T	164	1.02 g	6.68 g	5.61 g		
460-78044-F-3	S-3	Moisture	T	165	1.01 g	6.95 g	5.49 g		
460-78044-F-4	S-4	Moisture	T	166	1.05 g	6.58 g	5.49 g		
460-78044-F-5	S-5	Moisture	T	167	1.04 g	6.94 g	5.55 g		
460-78044-F-5 DU	S-5	Moisture	T	168	1.04 g	6.17 g	4.39 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	6/19/14
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	15:27
Date samples were removed from oven	6/20/14
Oven Temp when samples removed from oven	100 Degrees C
Time Samples were removed from oven	08:25
Oven ID	2
ID number of the thermometer	P23707
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	100 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-78044-1

SDG No.:

Batch Number: 231718 Batch Start Date: 06/19/14 15:28 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-78044-F-6	S-6	Moisture	T	170	1.06 g	6.50 g	5.59 g		
460-78044-F-7	S-7	Moisture	T	171	0.99 g	6.23 g	5.67 g		
460-78061-A-6 DU		Moisture	T	189	1.03 g	6.74 g	6.23 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	6/19/14
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	15:51
Date samples were removed from oven	6/20/14
Oven Temp when samples removed from oven	110 Degrees C
Time Samples were removed from oven	08:46
Oven ID	1
ID number of the thermometer	P23673
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	110 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

460-78044 Chain of Custody

CHAIN OF ST

Name (for report and invoice) Chris Hirschmann	Samplers Name (Printed) Chris Hirschmann	Site/Project Identification GG-2108
Company Hillmann Consulting	P. O. # GG-2108	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 1600 Rt 22 East	Analysis Turnaround Time: Standard ☐	Regulatory Program:
City Union State NJ	Rush Chrages Authonzed For: 2 Week ☐	LAB USE ONLY Project No:
Phone 908 377-8909 Fax	1 Wook ☐ Other ☒ 3 DAY	Job No: 78044

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TAL/TCL LIST	Sample Numbers
S-1	6/19/14	0915	S		X	1
S-2		1030	S		X	2
S-3		1200	S		X	3
S-4		1230	S		X	4
S-5		1400	S		X	5
S-6		1640	S		X	6
S-7		1700	S		X	7
TWP-1		0930	AQ		X	8
TWP-4		1295	AQ		X	9
TWP-5		1400	AQ		X	10

3-Day RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:

6 = Other _____, 7 = Other _____ — Water:

Special Instructions 3 DAY TAT — Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Hillmann	6/19/14 1030	1)	TestAm
2) James Thrasher	TestAm	6/19/14 1230	2) Alyssa Ciccirisy	TA Ed 6-19-14 12-30 PM
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (1

Massachusetts (M-NJ312), North Carolina (No. 578)

IRS- No C.S. 02 2.1 1:0 2.9

460-00344

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Chris Hirschmann	Samplers Name (Printed)	Site/Project Identification G6-2108
Company Hillmann Consulting LLC	P. O. # G6-2108	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program:
Address	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City State	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ 3 DAY	Job No: 78044
Phone Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TAL ITL LIST	Sample Numbers
TWP-7	6/19/14	1700	AQ		X	11

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions 3 DAY TAT Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Hillmann	6/19/14 1030	1) James Thiessen	TA Edi
Relinquished by	Company	Date / Time	Received by	Company
2) James Thiessen	TA Edi	6/19/14 1230	2) Alyssa Ciccirisy	TA Edi 6-19-14 12:30
Relinquished by	Company	Date / Time	Received by	Company
3)			3)	
Relinquished by	Company	Date / Time	Received by	Company
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhod
Massachusetts (M-NJ312), North Carolina (No. 578)

IRS - NO C.S.

460-00344

L - 0016 (0408)

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 78044

Number of Coolers: 2 IR Gun # 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.2 °C	2.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	2.9 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
8				<2											
9				<2											
10				<2											
11				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metals analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JS Date: 6/19/14

Login Sample Receipt Checklist

Client: Hillmann Consulting LLC

Job Number: 460-78044-1

Login Number: 78044

List Source: TestAmerica Edison

List Number: 1

Creator: Elvie, Cloide

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are 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	2.1, 2.9°C IR#5
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	