Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060617\
Data File : BM010424.D
Acq On : 06 Jun 2017 11:04
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:45:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 01:44:59 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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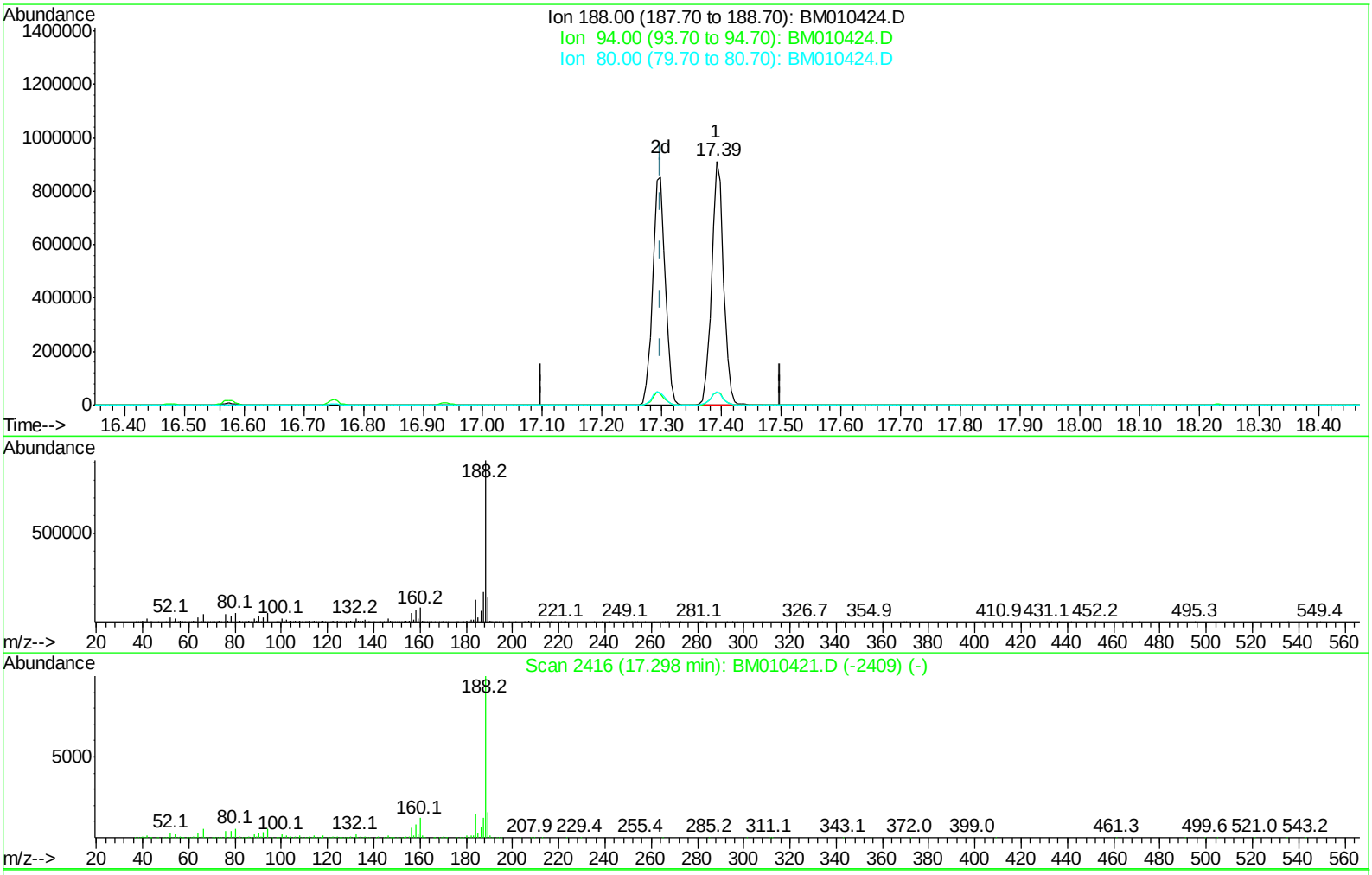

TIC: BM010424.D

(61) Phenanthrene-d10 (I)

17.392min (+0.094) 20.00ng/ul

response 1261868

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	5.24
80.00	6.60	5.59
0.00	0.00	0.00

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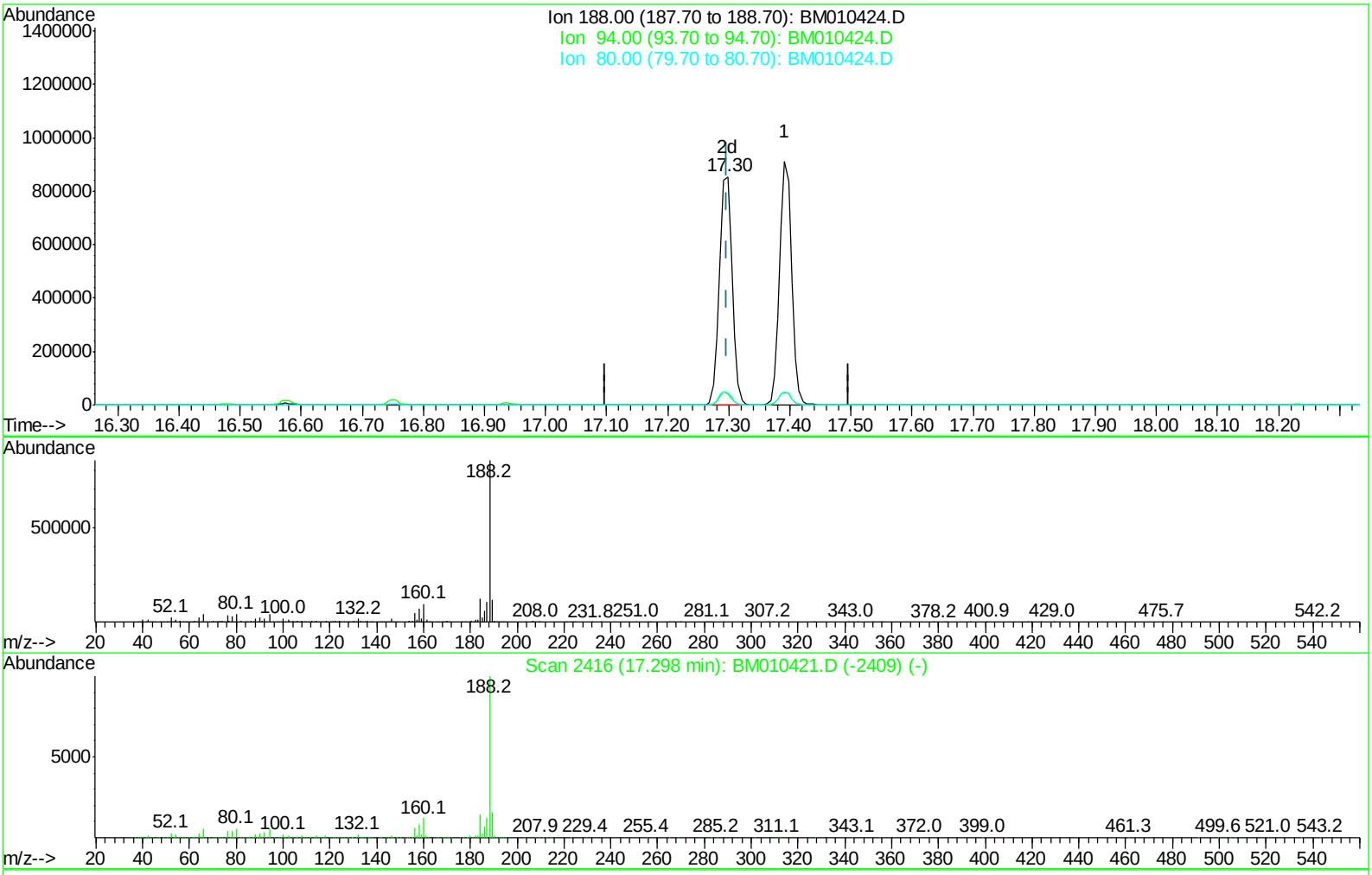

TIC: BM010424.D

(61) Phenanthrene-d10 (I)

17.298min (-0.000) 20.00ng/ul m

response 1244596

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	4.74
80.00	6.60	5.14#
0.00	0.00	0.00

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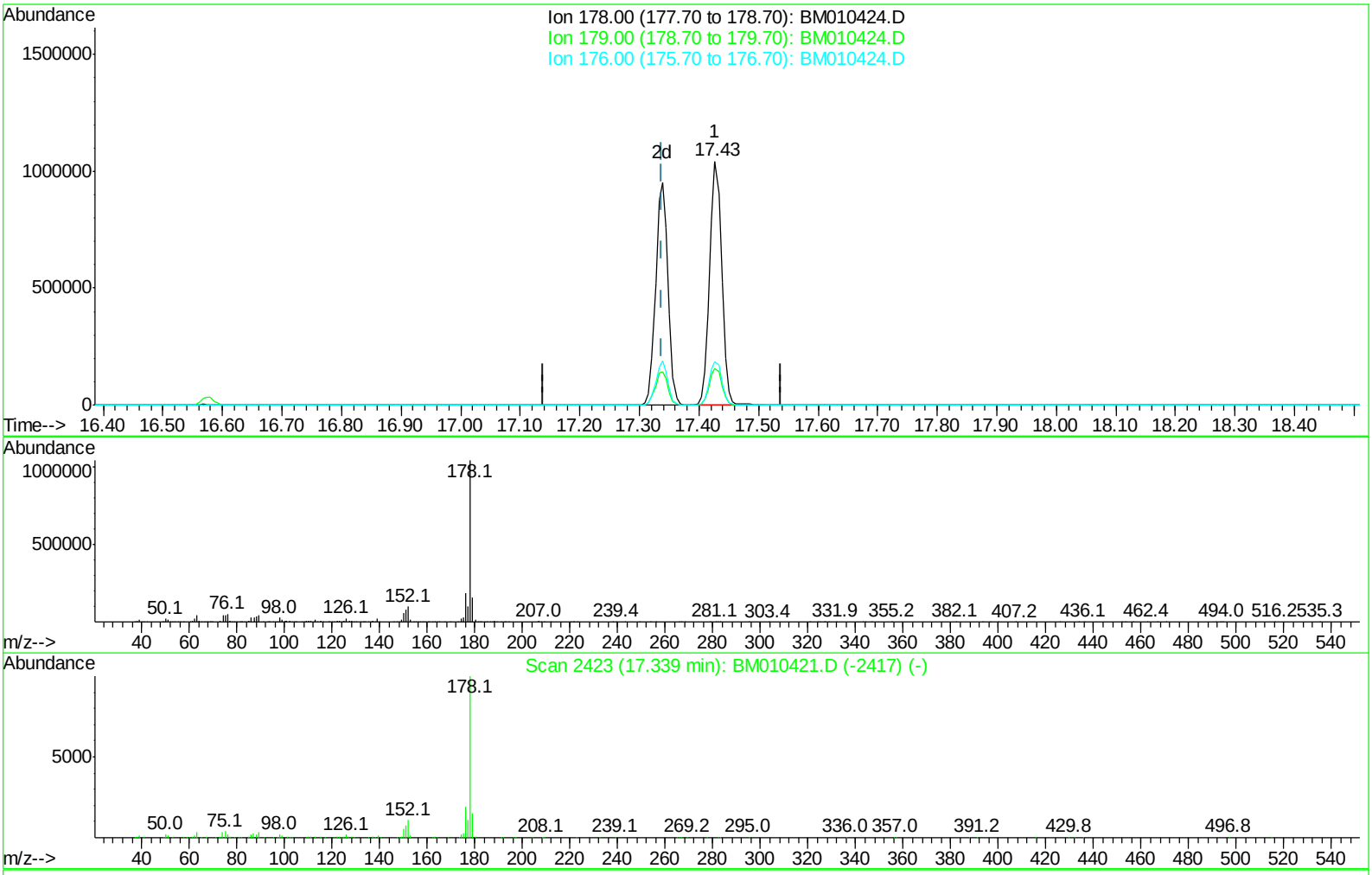

TIC: BM010424.D

(69) Phenanthrene

17.427min (+0.088) 21.87ng/ul

response 1453011

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	14.89
176.00	18.60	17.69
0.00	0.00	0.00

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Operator : SJ/MA
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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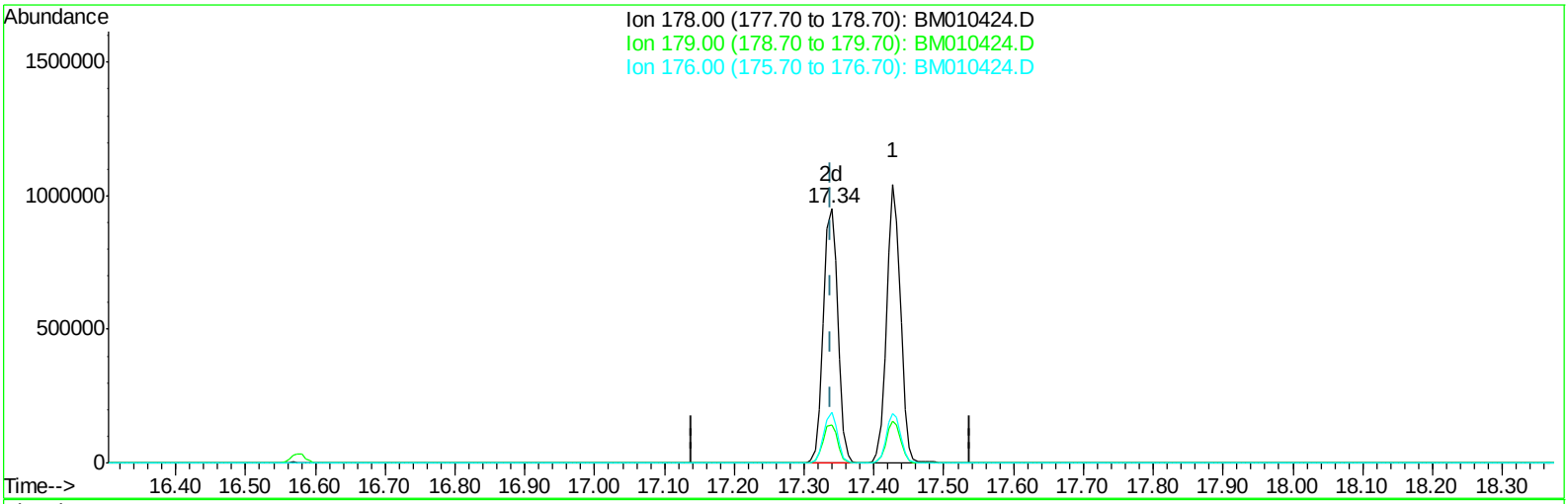

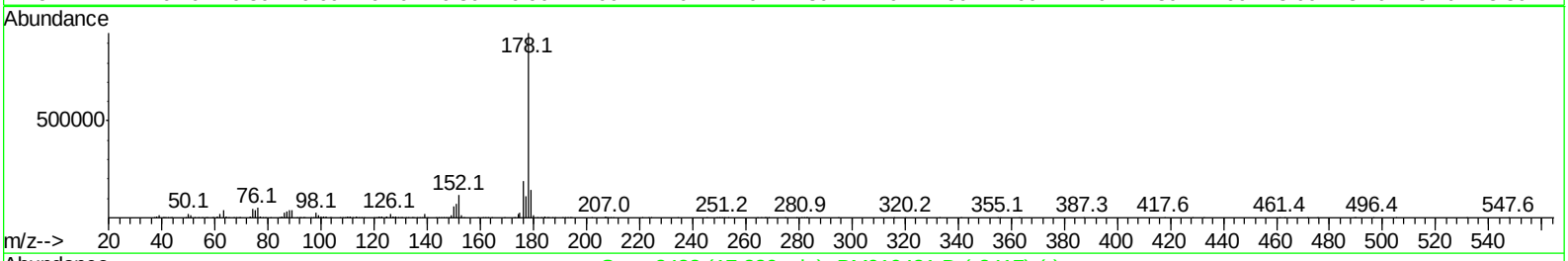

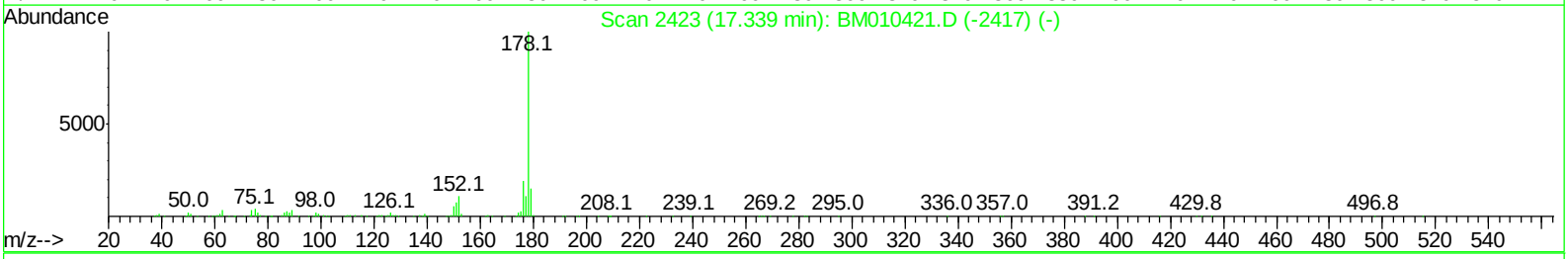

TIC: BM010424.D

(69) Phenanthrene

17.339min (-0.000) 20.78ng/ul m

response 1380489

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	14.82
176.00	18.60	19.77
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
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Quant Time: Jun 07 02:07:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 01:44:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	232898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	823848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	526057	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1244596m	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1776485	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1892406	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	44842	7.90	ng/uL	0.00
5) Phenol-d5	7.10	99	330378	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	186520	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	285825	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	268457	18.85	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	122321	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	149725	21.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	320035	22.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	322408	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	930133	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1073815	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	121950	18.65	ng/ul	0.00
57) Fluorene-d10	15.54	176	809606	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	168637	19.13	ng/ul	0.00
70) Anthracene-d10	17.39	188	1260577	20.82	ng/ul	0.00
76) Pyrene-d10	19.68	212	1522114	20.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1810992	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	51417	8.50	ng/uL#	52
4) Benzaldehyde	7.07	77	248885	20.97	ng/ul	96
6) Phenol	7.13	94	332156	18.36	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.35	93	236202	18.81	ng/ul	91
10) 2-Chlorophenol	7.49	128	276251	19.57	ng/ul	92
11) 2-Methylphenol	8.37	108	251180	19.02	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.44	45	93288	16.47	ng/ul#	54
14) Acetophenone	8.75	105	427298	18.39	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.72	70	233680	20.12	ng/ul#	81
16) 4-Methylphenol	8.70	108	270318	18.66	ng/ul	88
17) Hexachloroethane	8.98	117	135567	21.15	ng/ul	91
20) Nitrobenzene	9.14	77	365192	21.19	ng/ul	91
21) Isophorone	9.65	82	560956	21.15	ng/ul#	94
23) 2-Nitrophenol	9.84	139	155506	20.98	ng/ul	89
24) 2,4-Dimethylphenol	9.89	107	356762	20.70	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.13	93	294970	19.79	ng/ul	97
27) 2,4-Dichlorophenol	10.37	162	308057	21.89	ng/ul	92
28) Naphthalene	10.77	128	852100	20.62	ng/ul	99
30) 4-Chloroaniline	10.90	127	306252	22.90	ng/ul	97
31) Hexachlorobutadiene	11.01	225	289712	22.48	ng/ul	96
32) Caprolactam	11.70	113	68863	19.56	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.02	107	281520	20.79	ng/ul	98
34) 2-Methylnaphthalene	12.37	142	656374	20.95	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	468016	21.39 ng/ul#	98
37) Hexachlorocyclopentadiene	12.69	237	257250	17.53 ng/ul#	97
38) 2,4,6-Trichlorophenol	12.99	196	269161	21.64 ng/ul	97
39) 2,4,5-Trichlorophenol	13.06	196	280737	22.38 ng/ul	98
40) 1,1'-Biphenyl	13.38	154	879584	20.61 ng/ul	99
41) 2-Chloronaphthalene	13.43	162	698987	20.85 ng/ul	97
42) 2-Nitroaniline	13.67	65	189239	22.16 ng/ul	98
44) Dimethylphthalate	14.01	163	876215	20.38 ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	172774	21.93 ng/ul#	85
47) Acenaphthylene	14.27	152	1041186	20.90 ng/ul	99
48) 3-Nitroaniline	14.50	138	139911	18.43 ng/ul	96
49) Acenaphthene	14.61	153	712049	20.38 ng/ul	96
50) 2,4-Dinitrophenol	14.69	184	115615	19.42 ng/ul	98
52) 4-Nitrophenol	14.80	109	195194	21.78 ng/ul#	86
53) Dibenzofuran	14.94	168	1090642	21.11 ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	256258	22.15 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.17	232	257927	21.40 ng/ul#	93
56) Diethylphthalate	15.36	149	864458	20.79 ng/ul	94
58) Fluorene	15.60	166	897555	21.18 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.59	204	516938	21.34 ng/ul	95
60) 4-Nitroaniline	15.66	138	145998	18.37 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.68	198	175973	18.84 ng/ul	98
64) N-Nitrosodiphenylamine	15.81	169	743981	20.51 ng/ul	97
65) 4-Bromophenyl-phenylether	16.48	248	322849	21.08 ng/ul	92
66) Hexachlorobenzene	16.57	284	319785	19.94 ng/ul#	78
67) Atrazine	16.75	200	332350	21.08 ng/ul	94
68) Pentachlorophenol	16.94	266	195970	19.20 ng/ul	96
69) Phenanthrene	17.34	178	1380489m	20.78 ng/ul	
71) Anthracene	17.43	178	1451662	20.93 ng/ul	99
72) Carbazole	17.72	167	1183686	20.16 ng/ul	100
73) Di-n-butylphthalate	18.23	149	1382279	20.86 ng/ul	99
74) Fluoranthene	19.34	202	1767679	21.63 ng/ul	98
77) Pyrene	19.71	202	1869042	20.42 ng/ul#	97
78) Butylbenzylphthalate	20.58	149	683343	21.60 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.39	252	729617	20.92 ng/ul	94
80) Benzo(a)anthracene	21.44	228	2105080	21.01 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1016894	21.60 ng/ul	97
82) Chrysene	21.50	228	1880557	20.77 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	1932390	22.19 ng/ul#	94
85) Benzo(b)fluoranthene	23.09	252	2244194	20.38 ng/ul	100
86) Benzo(k)fluoranthene	23.13	252	2191800	20.84 ng/ul	99
88) Benzo(a)pyrene	23.70	252	2248365	20.60 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	2859372	20.74 ng/ul	99
90) Dibenzo(a,h)anthracene	26.21	278	2444969	20.59 ng/ul	99
91) Benzo(g,h,i)perylene	26.94	276	2335499	20.56 ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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