Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017891.D
Acq On : 15 Jul 2015 18:22
Operator : TP/UM
Sample : MDL-04-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 16 01:54:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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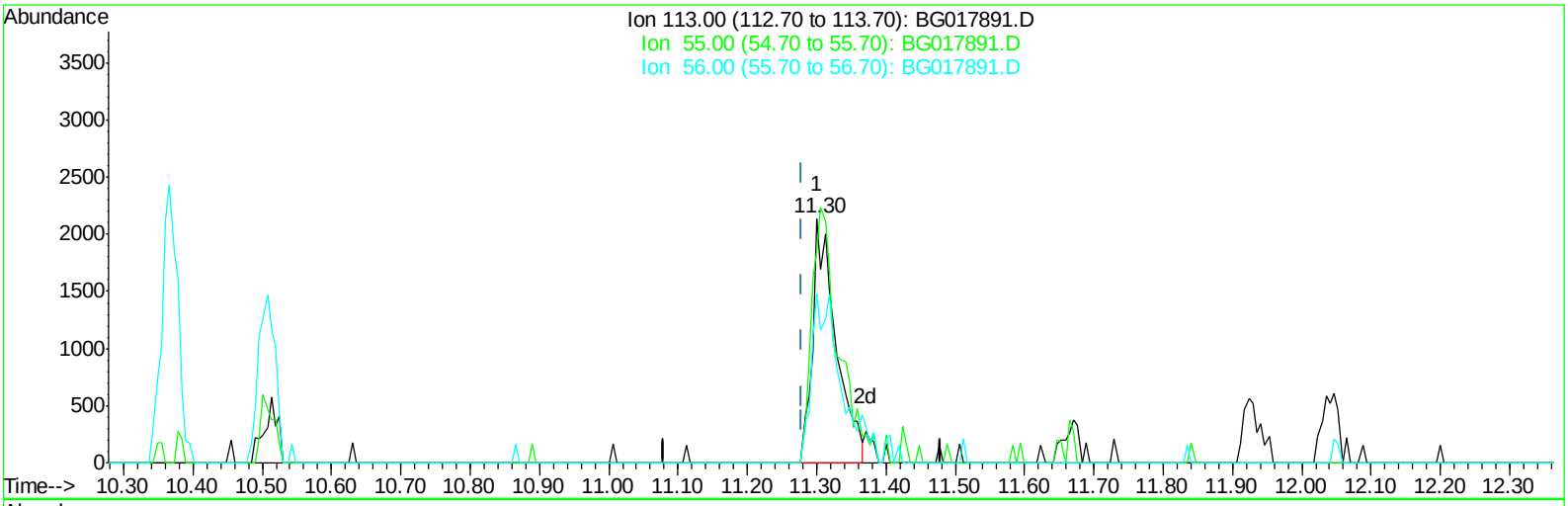

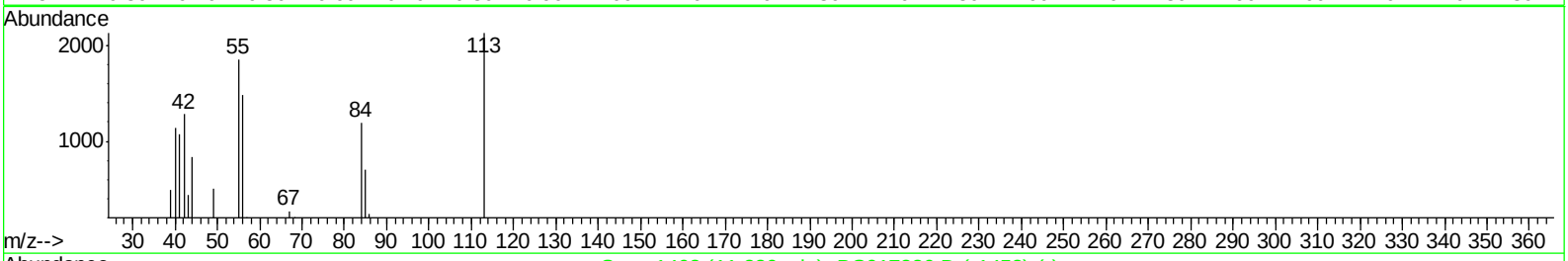

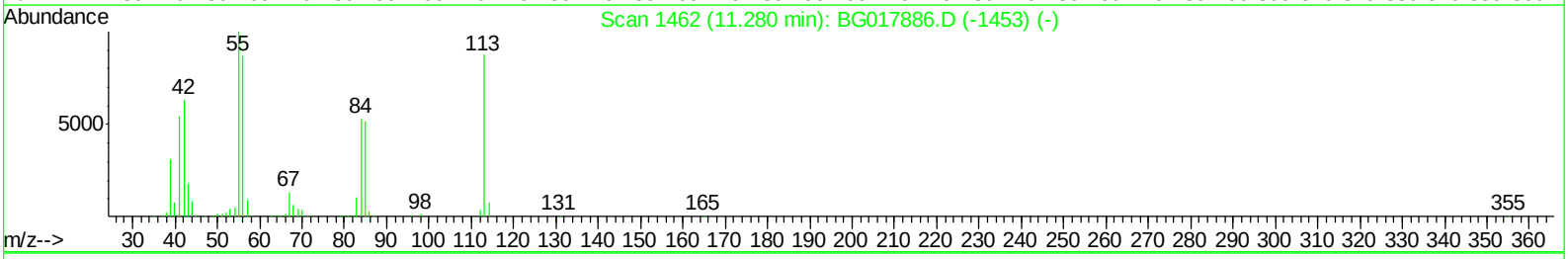

TIC: BG017891.D

(32) Caprolactam

11.301min (+0.021) 1.47ng/ul

response 4995

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	87.08#
56.00	112.20	69.49#
0.00	0.00	0.00

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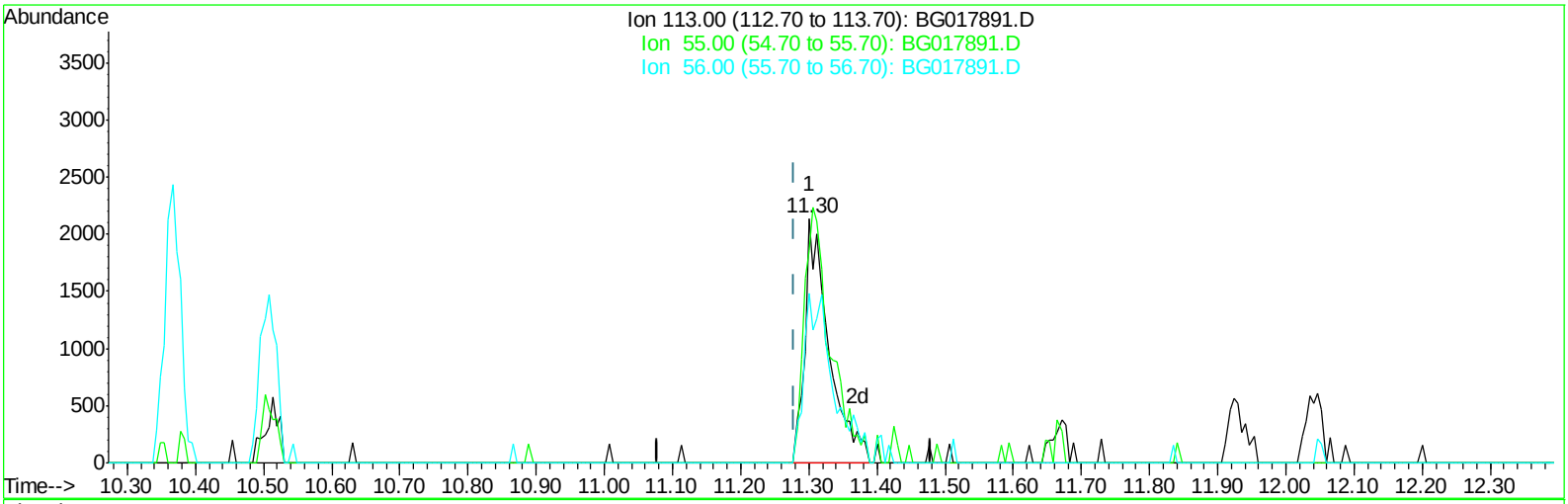

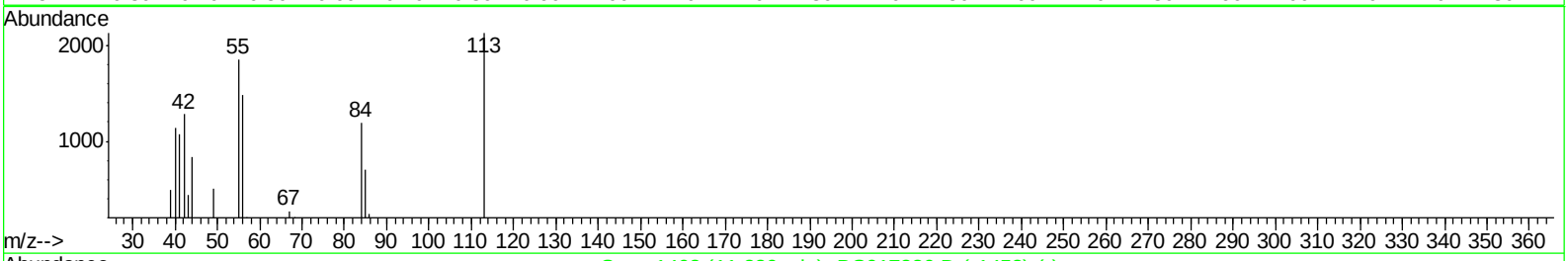

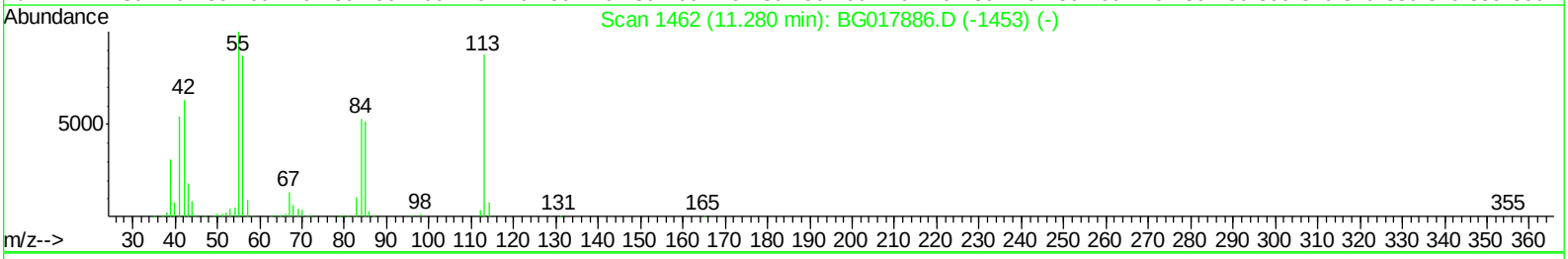

TIC: BG017891.D

(32) Caprolactam

11.301min (+0.021) 1.54ng/ul m

response 5230

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	87.08#
56.00	112.20	69.49#
0.00	0.00	0.00

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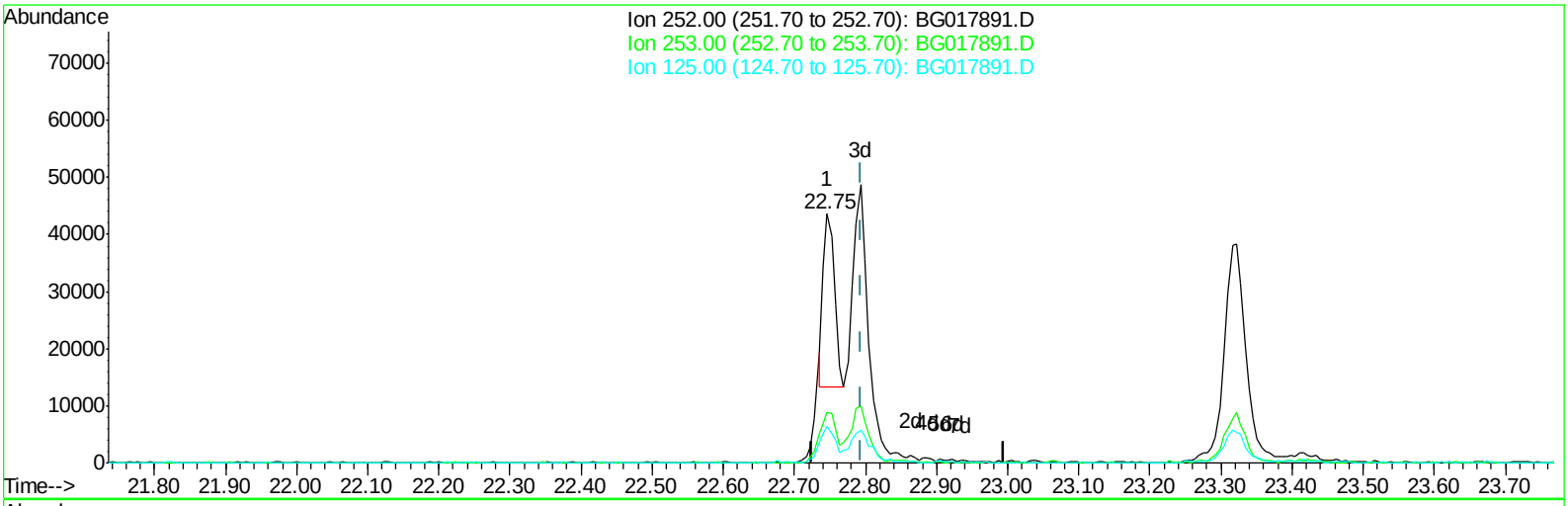

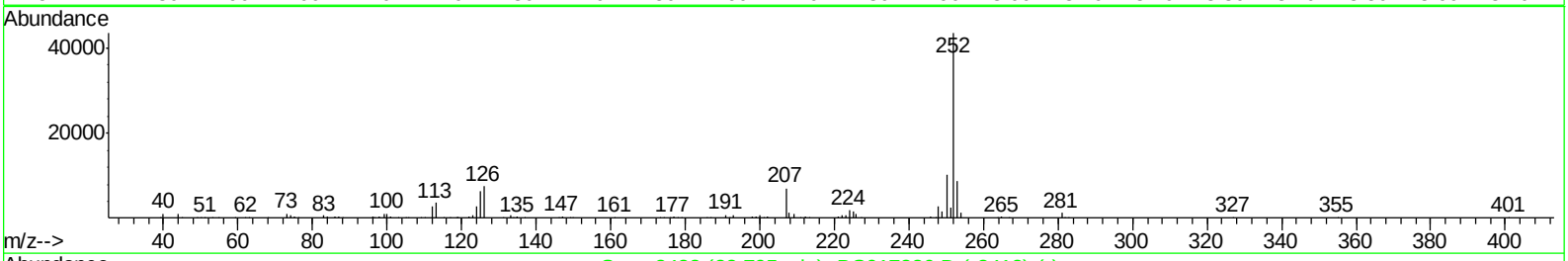

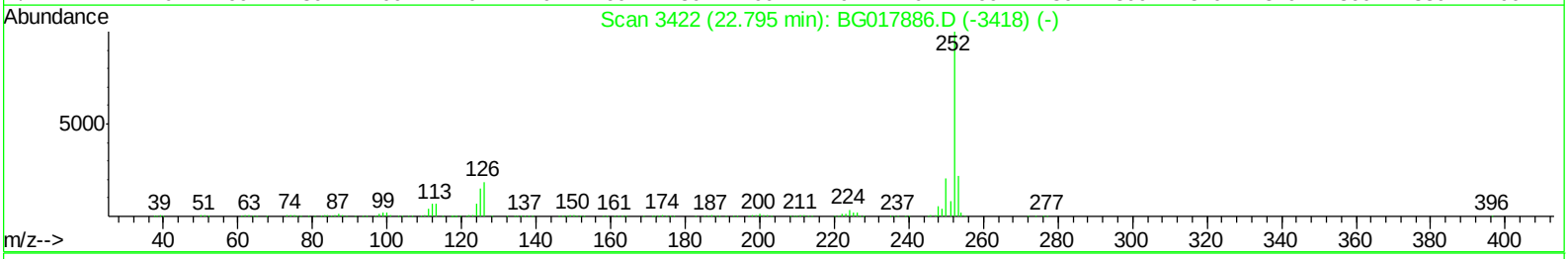

TIC: BG017891.D

(88) Benzo(k)fluoranthene

22.746min (-0.049) 1.37ng/ul

response 33639

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	20.32
125.00	16.40	14.83
0.00	0.00	0.00

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Instrument :
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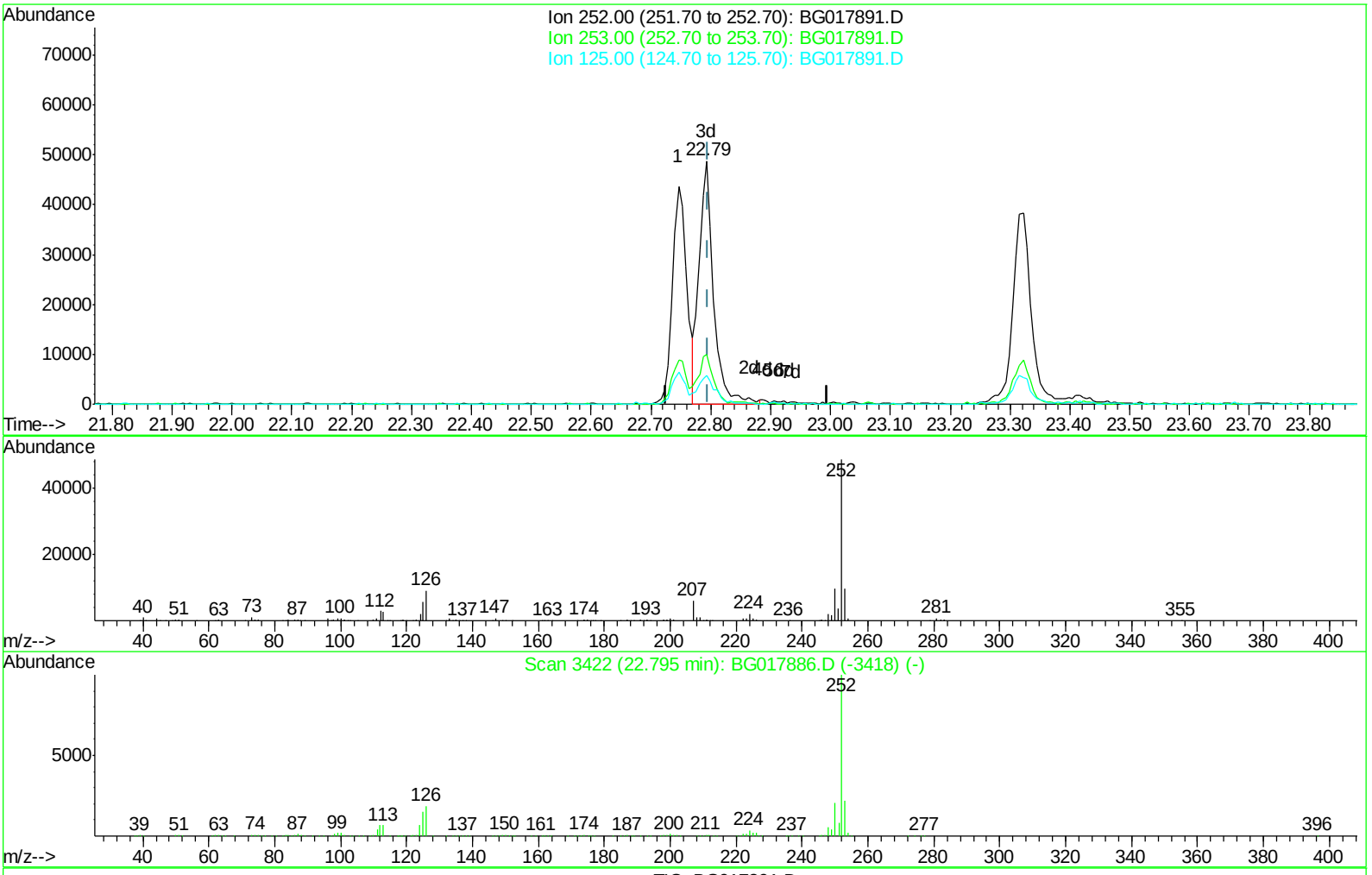

TIC: BG017891.D

(88) Benzo(k)fluoranthene

22.793min (-0.002) 3.33ng/ul m

response 81463

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	20.30
125.00	16.40	11.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG017891.D
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 02:31:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	86274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	381770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	222197	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	461697	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	472160	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	430745	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11993	4.97	ng/uL	0.00
5) Phenol-d5	6.76	99	199618	26.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	129522	25.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	171822	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	159651	27.99	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	80709	27.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	68856	30.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	138292	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	243442	36.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	479669	30.96	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	621743	30.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	75916	25.97	ng/ul	0.00
57) Fluorene-d10	15.24	176	452408	31.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33101	15.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	665707	31.82	ng/ul	0.00
78) Pyrene-d10	19.40	212	737217	33.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	673537	31.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	1537	0.60	ng/uL#	96
4) Benzaldehyde	6.74	77	15344	3.52	ng/ul	88
6) Phenol	6.79	94	21605	2.65	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	18495	2.78	ng/ul	91
10) 2-Chlorophenol	7.15	128	16285	2.79	ng/ul	91
11) 2-Methylphenol	8.03	108	14871	2.51	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22260	2.30	ng/ul#	93
14) Acetophenone	8.40	105	25341	2.67	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.39	70	13836	2.36	ng/ul#	87
16) 4-Methylphenol	8.36	108	16626	2.57	ng/ul	96
17) Hexachloroethane	8.66	117	7605	2.73	ng/ul#	80
20) Nitrobenzene	8.78	77	18688	2.38	ng/ul#	85
21) Isophorone	9.30	82	37396	2.54	ng/ul	97
23) 2-Nitrophenol	9.49	139	7747	2.92	ng/ul#	83
24) 2,4-Dimethylphenol	9.56	107	17850	2.63	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	23429	2.83	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	13896	3.00	ng/ul#	83
28) Naphthalene	10.41	128	59232	3.00	ng/ul	95
30) 4-Chloroaniline	10.53	127	21059	3.07	ng/ul	93
31) Hexachlorobutadiene	10.71	225	9145	3.14	ng/ul#	89
32) Caprolactam	11.30	113	5230m	1.54	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	14091	2.48	ng/ul	92
34) 2-Methylnaphthalene	12.04	142	40494	3.02	ng/ul	98

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Quant Time: Jul 16 02:31:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	17556	3.00	ng/ul#	84
37) Hexachlorocyclopentadiene	12.39	237	6495	2.14	ng/ul#	83
38) 2,4,6-Trichlorophenol	12.66	196	8029	2.53	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	8721	2.52	ng/ul	91
40) 1,1'-Biphenyl	13.07	154	52055	3.03	ng/ul	94
41) 2-Chloronaphthalene	13.11	162	38558	2.92	ng/ul#	89
42) 2-Nitroaniline	13.32	65	6272	1.62	ng/ul#	81
44) Dimethylphthalate	13.70	163	52681	3.24	ng/ul#	97
45) 2,6-Dinitrotoluene	13.82	165	6477	2.18	ng/ul	98
47) Acenaphthylene	13.96	152	69028	3.10	ng/ul	99
48) 3-Nitroaniline	14.15	138	7461	2.21	ng/ul#	86
49) Acenaphthene	14.31	153	43628	2.91	ng/ul	93
50) 2,4-Dinitrophenol	14.36	184	673	0.54	ng/ul#	65
52) 4-Nitrophenol	14.46	109	5496	2.22	ng/ul#	71
53) Dibenzofuran	14.64	168	62016	3.14	ng/ul	90
54) 2,4-Dinitrotoluene	14.61	165	9400	2.21	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	14.87	232	6755	2.53	ng/ul#	78
56) Diethylphthalate	15.08	149	51318	3.06	ng/ul	96
58) Fluorene	15.30	166	51342	3.00	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.30	204	24455	3.07	ng/ul	90
60) 4-Nitroaniline	15.32	138	9353	2.32	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	3877	1.61	ng/ul#	95
64) N-Nitrosodiphenylamine	15.51	169	41597	2.96	ng/ul	95
65) 4-Bromophenyl-phenylether	16.19	248	13167	2.97	ng/ul	88
66) Hexachlorobenzene	16.30	284	15382	3.20	ng/ul	96
67) Atrazine	16.47	200	13506	2.80	ng/ul	95
68) Pentachlorophenol	16.65	266	2563	1.08	ng/ul#	77
69) Phenanthrene	17.04	178	78575	3.08	ng/ul	98
71) Anthracene	17.13	178	81616	3.13	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	16751	2.85	ng/uL	99
73) Pentachlorobenzene	14.56	250	19139	3.40	ng/uL#	90
74) Carbazole	17.41	167	69841	3.07	ng/ul	98
75) Di-n-butylphthalate	17.98	149	79666	2.79	ng/ul#	97
76) Fluoranthene	19.06	202	81750	3.16	ng/ul	99
79) Pyrene	19.43	202	97985	3.37	ng/ul	96
80) Butylbenzylphthalate	20.35	149	26844	2.28	ng/ul#	90
81) 3,3'-Dichlorobenzidine	21.12	252	14966	2.12	ng/ul#	96
82) Benzo(a)anthracene	21.18	228	81555	3.13	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	37607	2.31	ng/ul	96
84) Chrysene	21.24	228	84715	3.39	ng/ul	97
86) Di-n-octyl phthalate	22.00	149	52170	2.07	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	72942	3.07	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	81463m	3.33	ng/ul	
90) Benzo(a)pyrene	23.32	252	82095	3.44	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.75	276	818	0.03	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	63006	2.90	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	64125	3.00	ng/ul	96

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

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