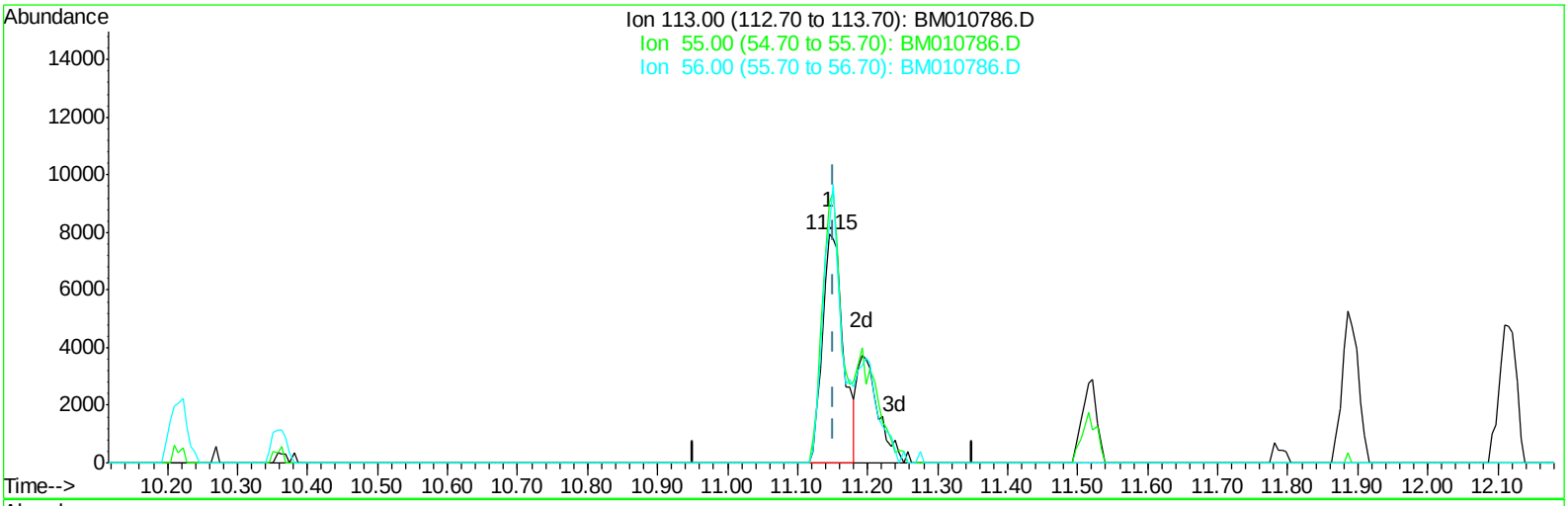
Quantitation Report (Qedit)

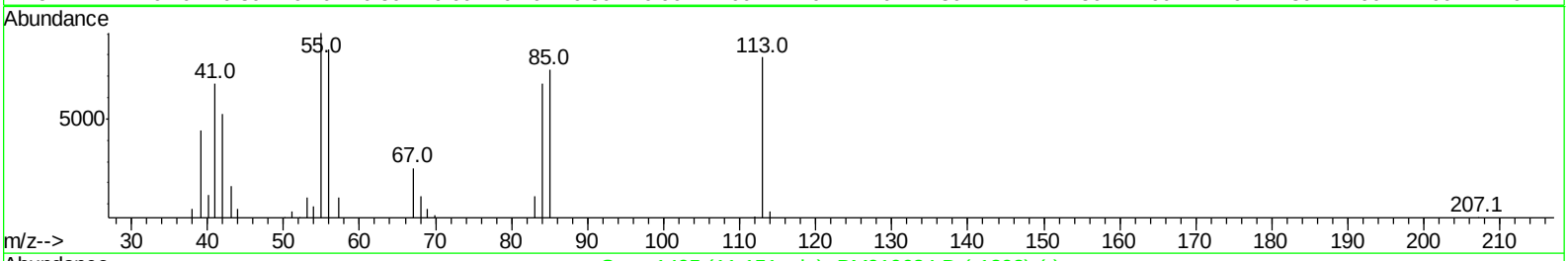
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070517\
Data File : BM010786.D
Acq On : 05 Jul 2017 13:00
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

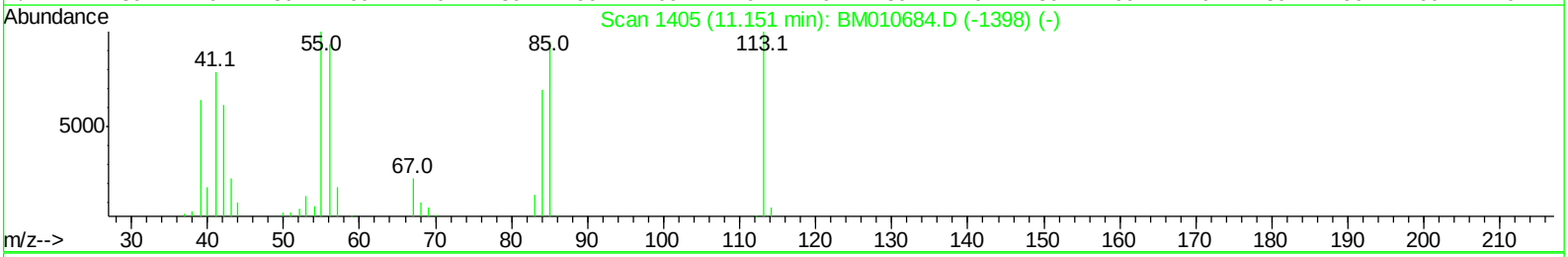
Quant Time: Jul 05 17:25:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 03:38:15 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
7/7/2017 8:36:12 AM







TIC: BM010786.D

(32) Caprolactam

11.145min (-0.006) 11.98ng/ul

response 16536

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.87
56.00	107.50	103.87
0.00	0.00	0.00

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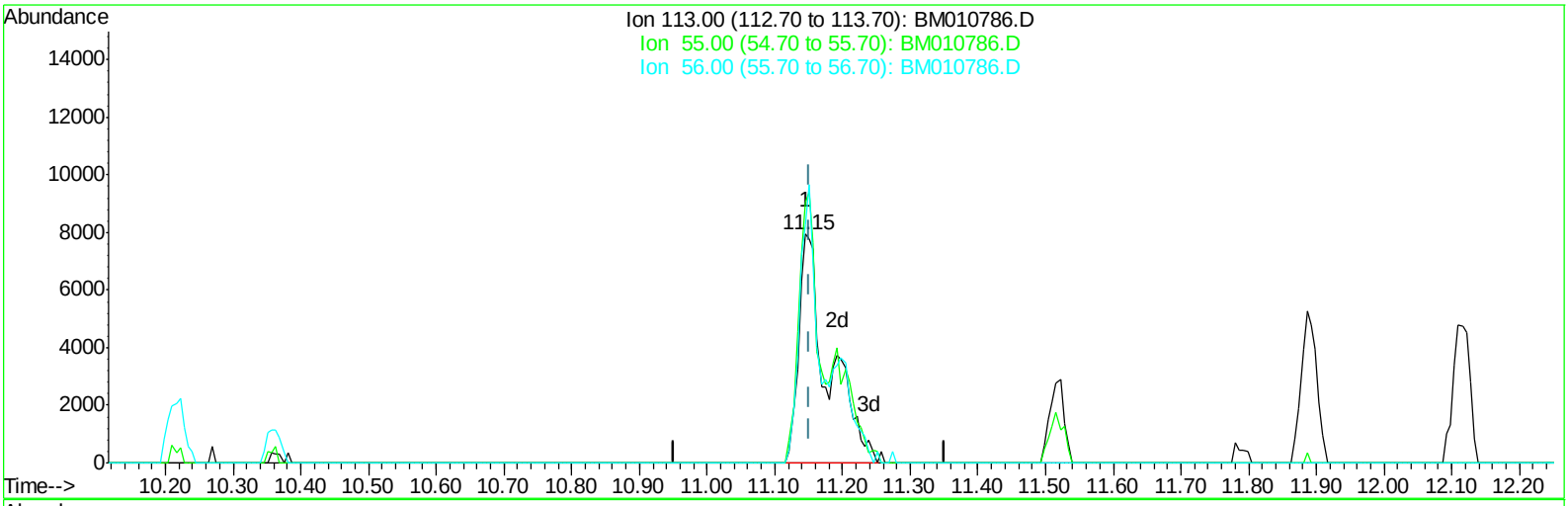

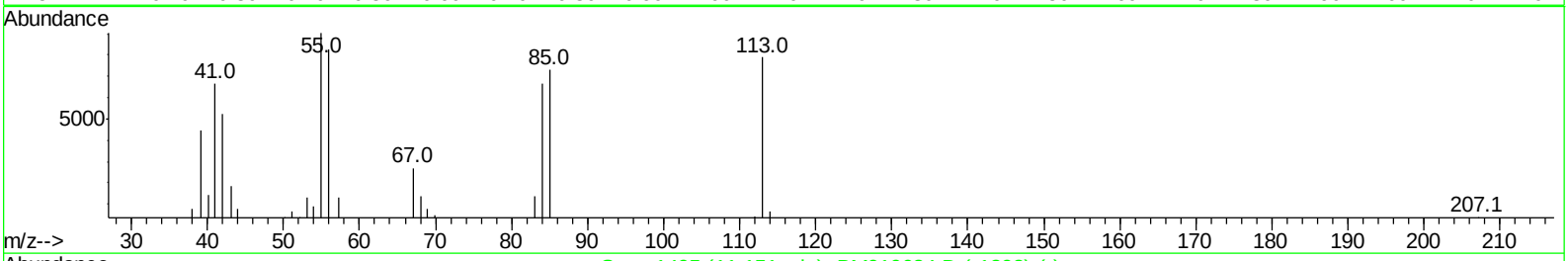

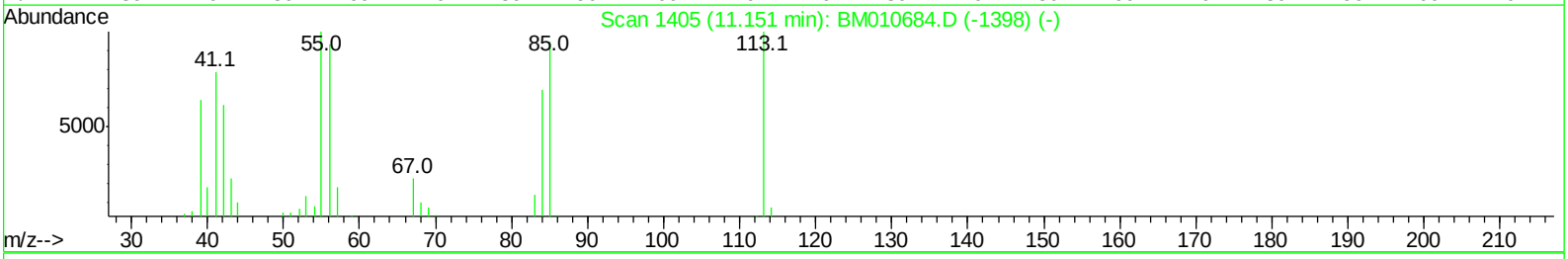

TIC: BM010786.D

(32) Caprolactam

11.145min (-0.006) 17.57ng/ul m

response 24242

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.87
56.00	107.50	103.87
0.00	0.00	0.00

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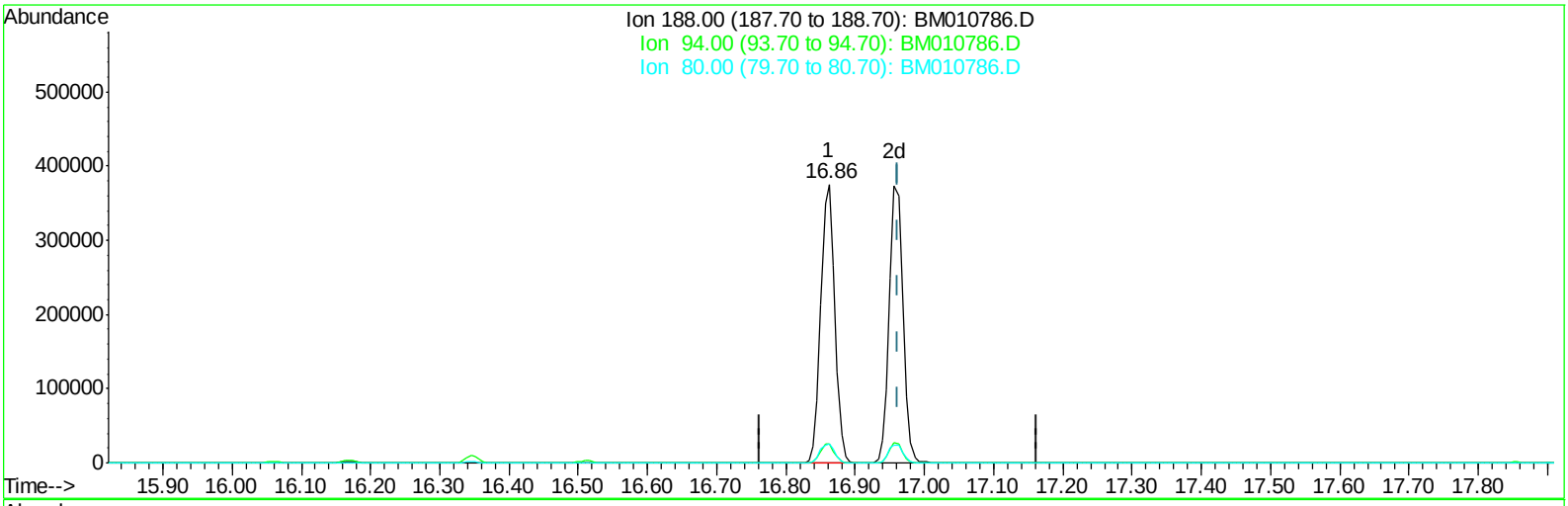

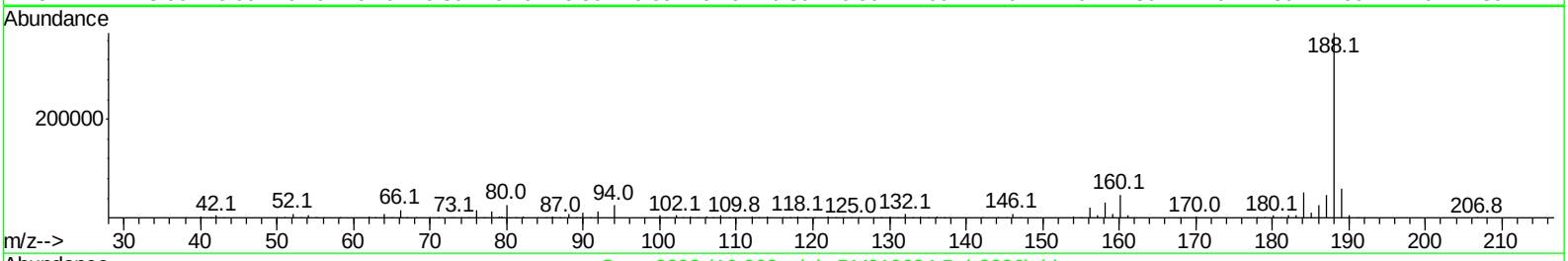

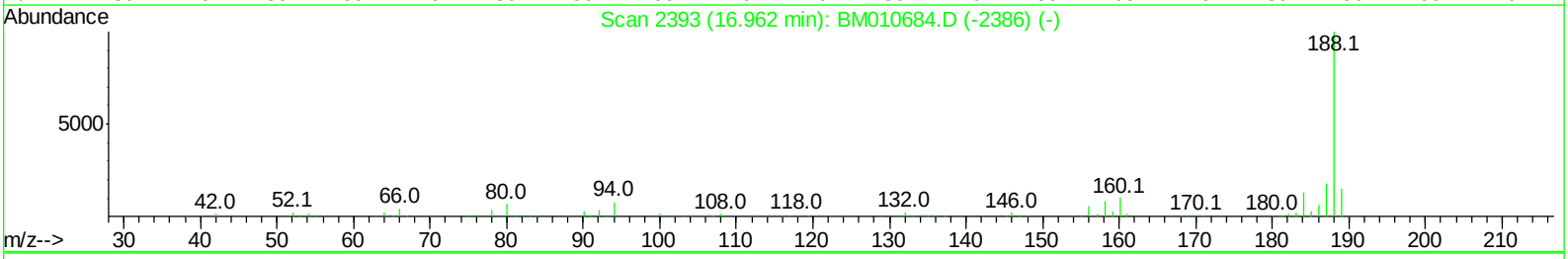

TIC: BM010786.D

(70) Anthracene-d10 (S)

16.862min (-0.100) 20.71ng/ul

response 523333

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.75
80.00	5.90	7.05
0.00	0.00	0.00

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Instrument :
BNA_M
LabSampleId :
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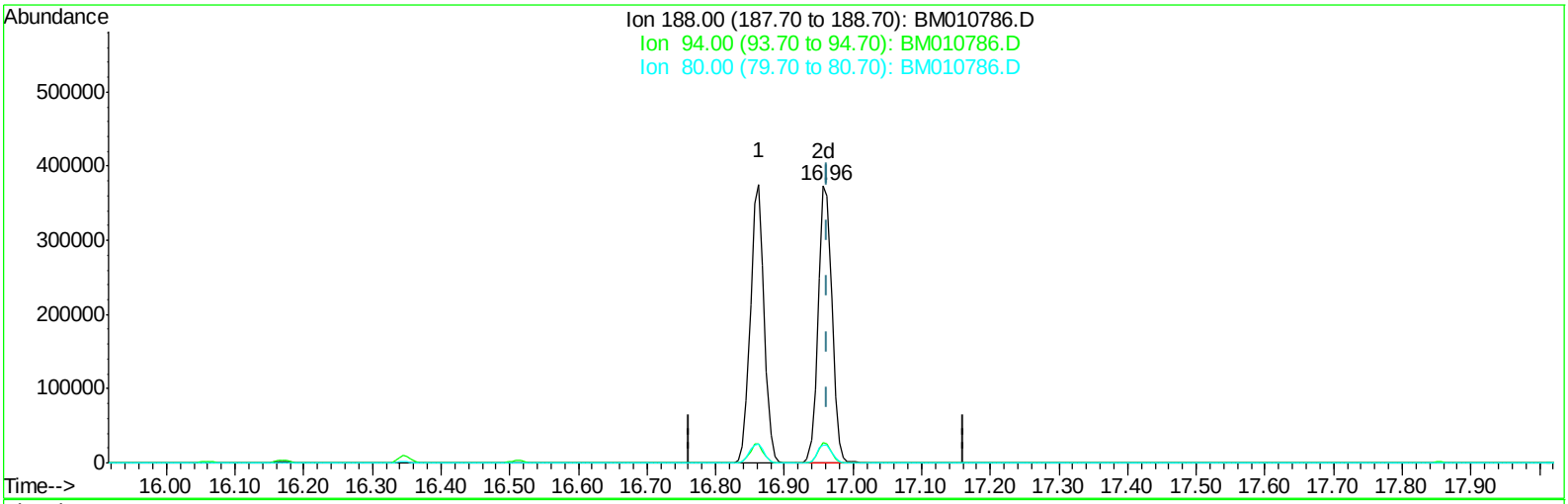

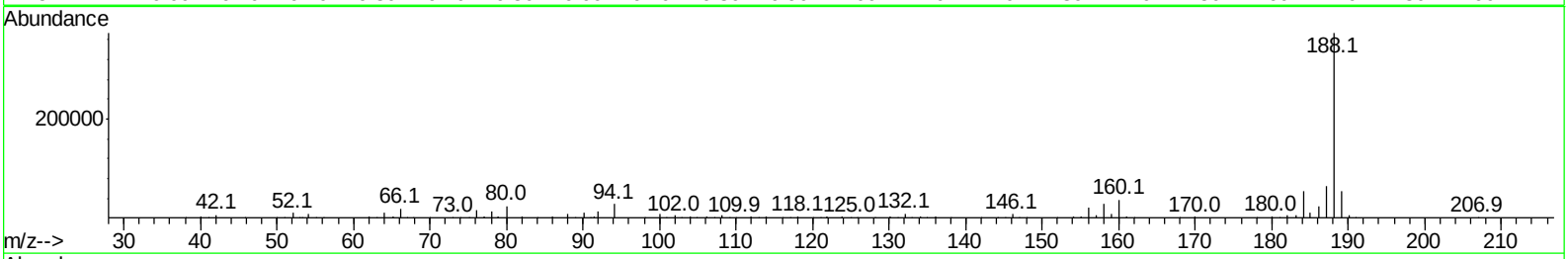

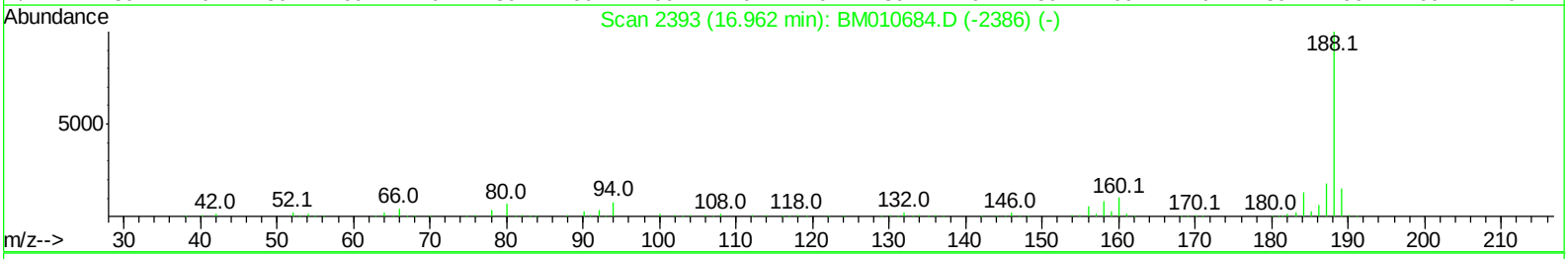

TIC: BM010786.D

(70) Anthracene-d10 (S)

16.957min (-0.006) 20.47ng/ul m

response 517366

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.51#
80.00	5.90	6.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070517\
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02011

Manual Integrations APPROVED
mohammad
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Quant Time: Jul 05 17:43:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 03:38:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	52558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	233406	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	183083	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.86	188	523333	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	662955	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	528440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8231	8.97	ng/uL	0.00
5) Phenol-d5	6.65	99	88571	17.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	51183	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	66279	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	75116	18.10	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	33867	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	40793	21.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	81580	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	99817	23.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	308261	19.18	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	360827	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	50971	18.02	ng/ul	0.00
57) Fluorene-d10	15.11	176	290051	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	61244	19.05	ng/ul	0.00
70) Anthracene-d10	16.96	188	517366m	20.47	ng/ul	0.00
76) Pyrene-d10	19.27	212	635184	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.07	264	514061	20.13	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	8876	8.66	ng/uL#	45
4) Benzaldehyde	6.61	77	65976	22.39	ng/ul	96
6) Phenol	6.67	94	91906	17.82	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	67664	18.02	ng/ul	95
10) 2-Chlorophenol	7.03	128	64803	18.46	ng/ul	95
11) 2-Methylphenol	7.90	108	69827	17.77	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.99	45	44861	17.12	ng/ul	95
14) Acetophenone	8.27	105	124356	18.35	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	67782	18.56	ng/ul	97
16) 4-Methylphenol	8.23	108	79343	18.35	ng/ul	100
17) Hexachloroethane	8.52	117	33608	21.53	ng/ul	85
20) Nitrobenzene	8.64	77	107256	22.07	ng/ul	96
21) Isophorone	9.16	82	173819	18.00	ng/ul	99
23) 2-Nitrophenol	9.35	139	41634	20.46	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	106688	20.61	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	102025	19.05	ng/ul	96
27) 2,4-Dichlorophenol	9.87	162	80179	20.39	ng/ul#	86
28) Naphthalene	10.27	128	236151	20.33	ng/ul	100
30) 4-Chloroaniline	10.38	127	95481	22.31	ng/ul	88
31) Hexachlorobutadiene	10.56	225	70075	23.63	ng/ul	98
32) Caprolactam	11.15	113	24242m	17.57	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	101109	20.16	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	193670	20.74	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	130321	20.17 ng/ul#	96
37) Hexachlorocyclopentadiene	12.25	237	62583	16.85 ng/ul#	93
38) 2,4,6-Trichlorophenol	12.52	196	86794	19.67 ng/ul	98
39) 2,4,5-Trichlorophenol	12.59	196	89956	19.74 ng/ul	97
40) 1,1'-Biphenyl	12.93	154	275303	19.23 ng/ul	96
41) 2-Chloronaphthalene	12.96	162	215447	19.13 ng/ul	92
42) 2-Nitroaniline	13.18	65	73107	22.19 ng/ul	93
44) Dimethylphthalate	13.57	163	296746	18.84 ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	59237	21.71 ng/ul#	71
47) Acenaphthylene	13.82	152	347852	19.54 ng/ul	99
48) 3-Nitroaniline	14.02	138	58473	21.25 ng/ul	99
49) Acenaphthene	14.17	153	230395	19.18 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	39456	19.96 ng/ul#	67
52) 4-Nitrophenol	14.34	109	92423	25.76 ng/ul#	76
53) Dibenzofuran	14.51	168	371621	20.43 ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	92577	21.87 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.74	232	96784	21.00 ng/ul#	85
56) Diethylphthalate	14.96	149	333288	20.11 ng/ul	95
58) Fluorene	15.16	166	305606	20.07 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.17	204	175758	21.23 ng/ul	90
60) 4-Nitroaniline	15.19	138	64654	19.89 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.25	198	63962	18.68 ng/ul#	87
64) N-Nitrosodiphenylamine	15.38	169	273210	18.82 ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	114695	19.14 ng/ul#	86
66) Hexachlorobenzene	16.17	284	121858	19.31 ng/ul#	77
67) Atrazine	16.35	200	124095	20.30 ng/ul	96
68) Pentachlorophenol	16.52	266	80025	17.99 ng/ul	99
69) Phenanthrene	16.90	178	550320	19.78 ng/ul	98
71) Anthracene	16.99	178	580624	20.26 ng/ul	98
72) Carbazole	17.27	167	493649	19.74 ng/ul	98
73) Di-n-butylphthalate	17.85	149	622717	19.58 ng/ul	98
74) Fluoranthene	18.93	202	764522	21.32 ng/ul	98
77) Pyrene	19.30	202	782435	20.43 ng/ul#	96
78) Butylbenzylphthalate	20.23	149	311729	21.65 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.00	252	249955	18.85 ng/ul	96
80) Benzo(a)anthracene	21.06	228	789897	20.46 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	463807	21.12 ng/ul#	96
82) Chrysene	21.12	228	708540	20.58 ng/ul	99
84) Di-n-octyl phthalate	21.87	149	784744	21.25 ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	686688	20.02 ng/ul	99
86) Benzo(k)fluoranthene	22.62	252	664083	20.42 ng/ul#	99
88) Benzo(a)pyrene	23.12	252	628453	19.90 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.32	276	663837	20.27 ng/ul	99
90) Dibenzo(a,h)anthracene	25.33	278	545996	20.00 ng/ul	99
91) Benzo(g,h,i)perylene	25.96	276	537633	20.62 ng/ul	98

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

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