Quantitation Report (Qedit)

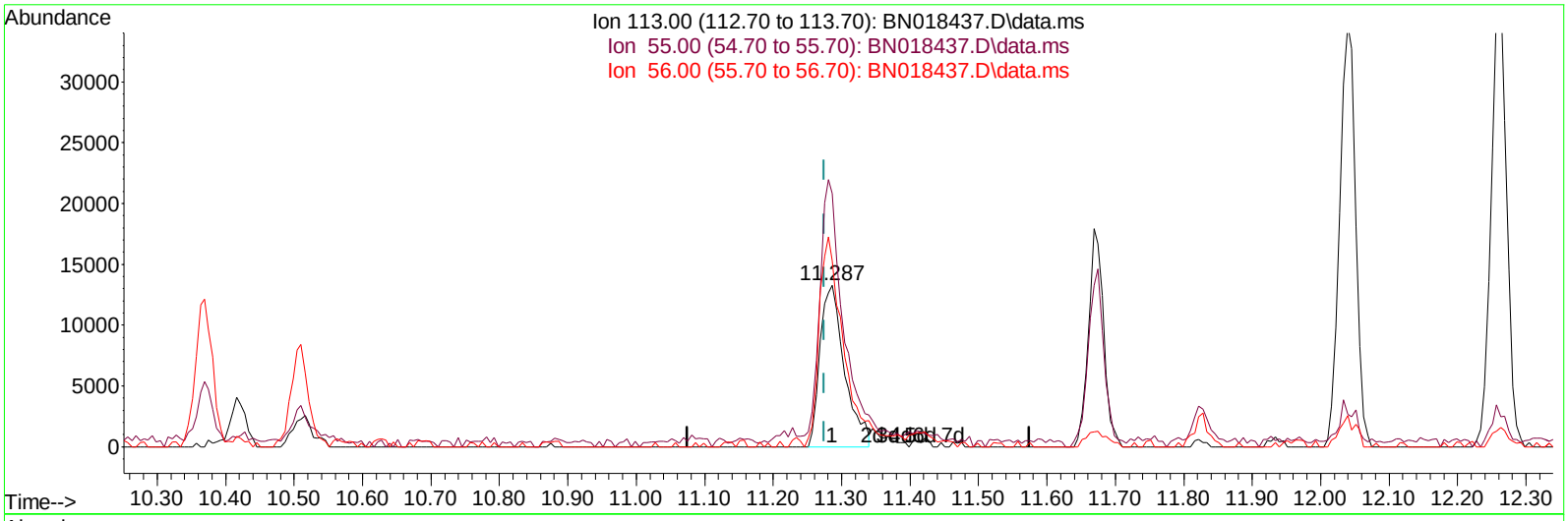
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012022\
Data File : BN018437.D
Acq On : 20 Jan 2022 13:56
Operator : CG/JU
Sample : N1193-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

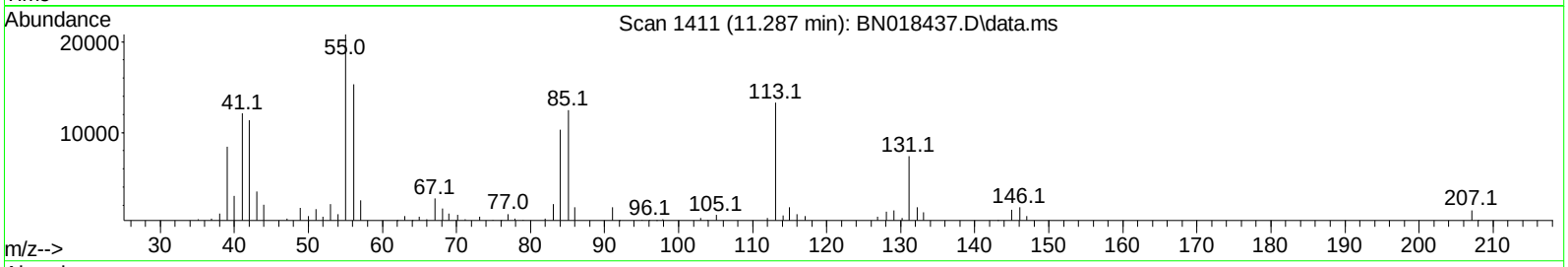
Quant Time: Jan 20 14:28:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

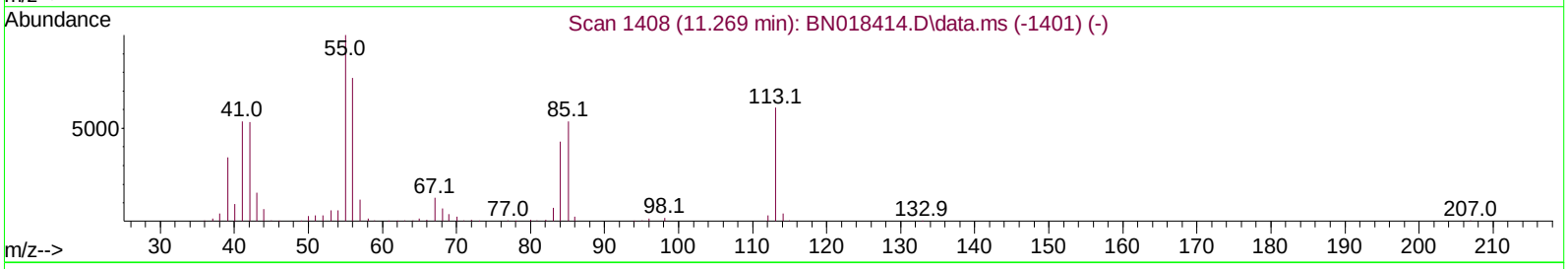
Instrument :
BNA_N
ClientSampleId :
GBCM2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :mohammad ahmed 01/21/2022







TIC: BN018437.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 4.21 ng/ul

response 32815

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	156.60
56.00	134.50	115.17
0.00	0.00	0.00

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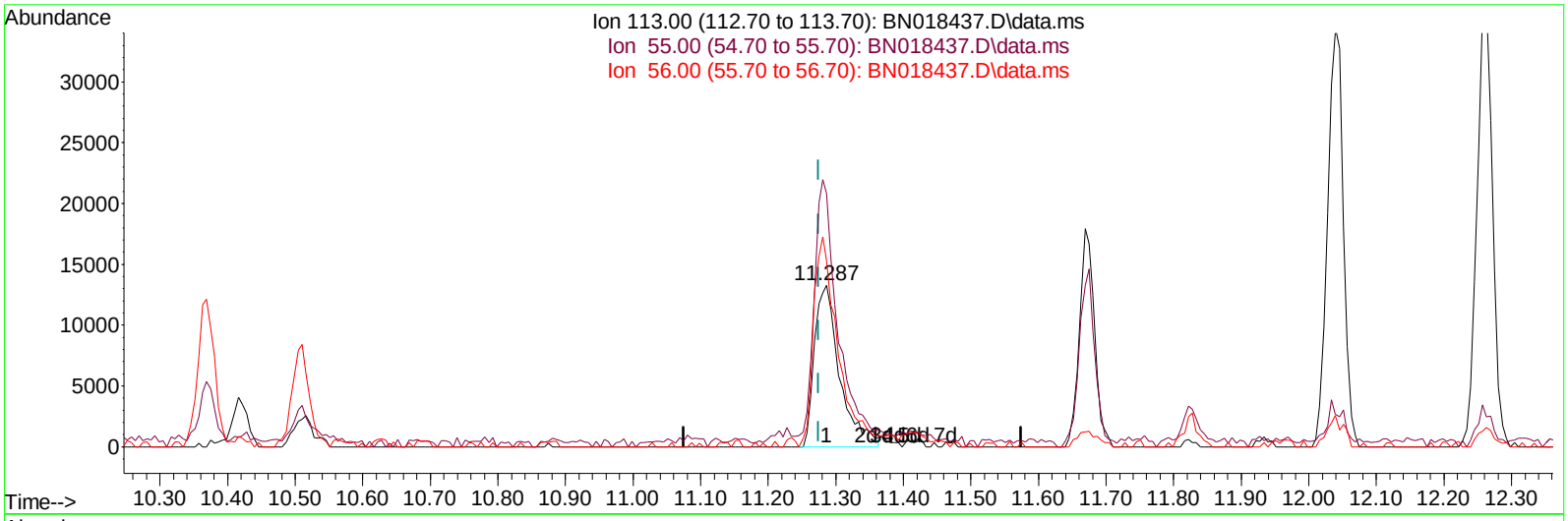

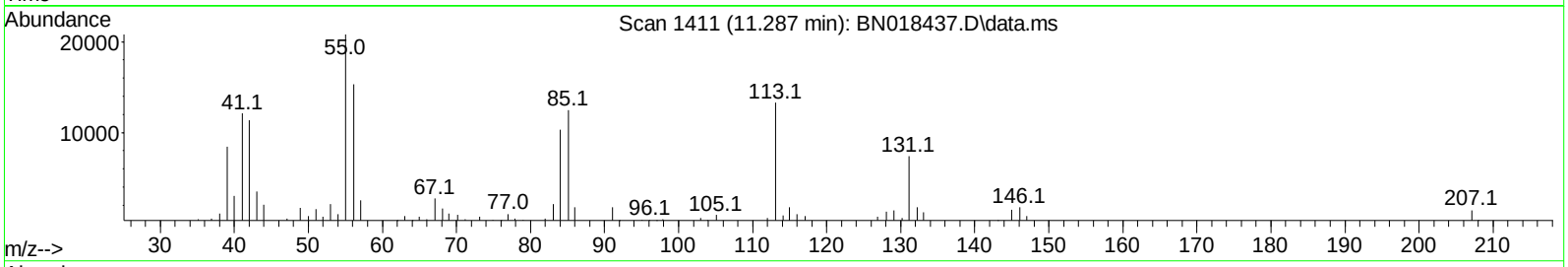

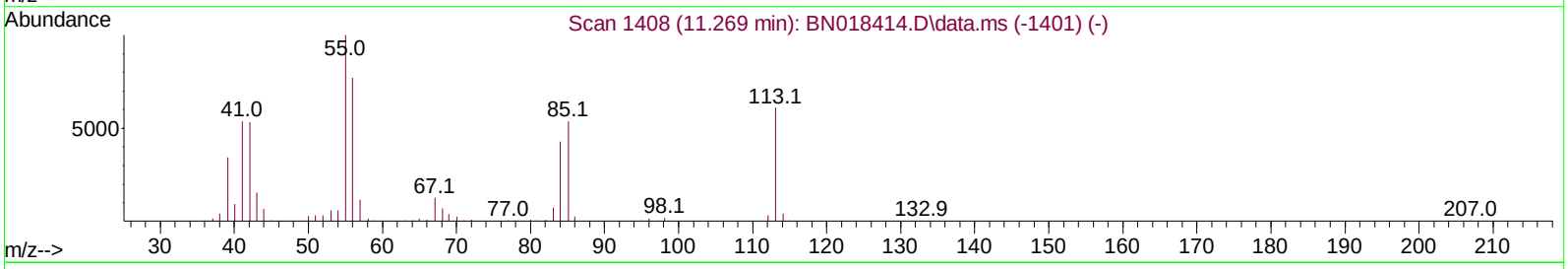

TIC: BN018437.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 4.40 ng/ul m

response 34258

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	156.60
56.00	134.50	115.17
0.00	0.00	0.00

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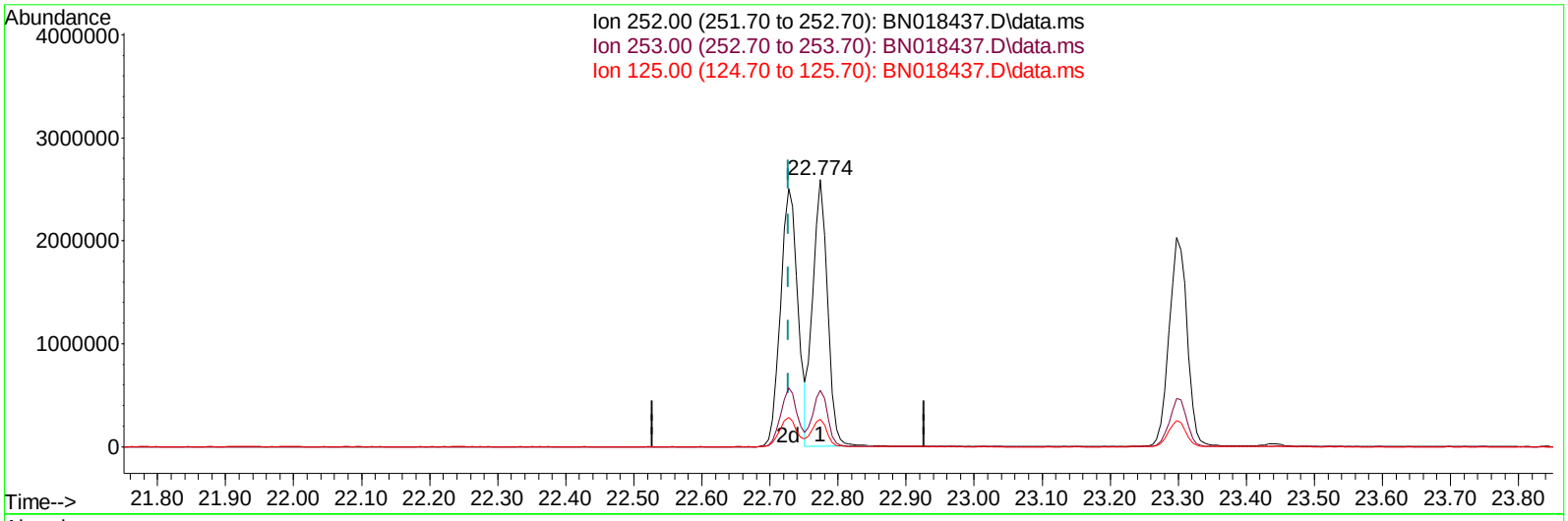

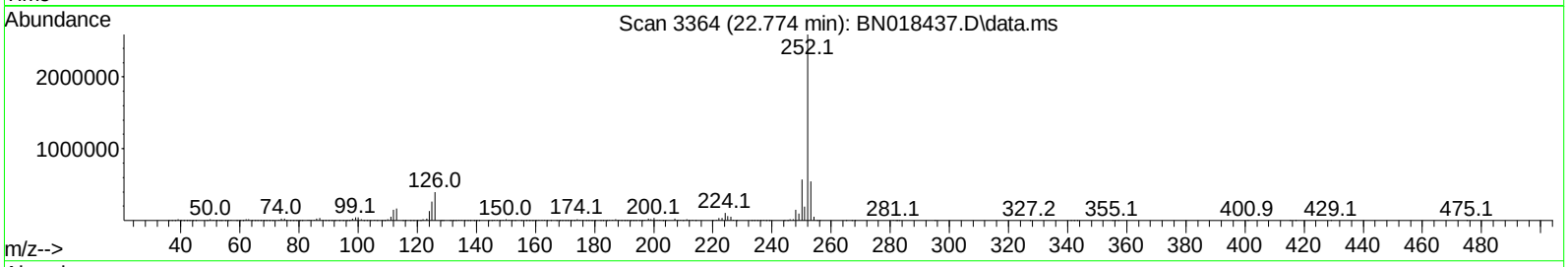

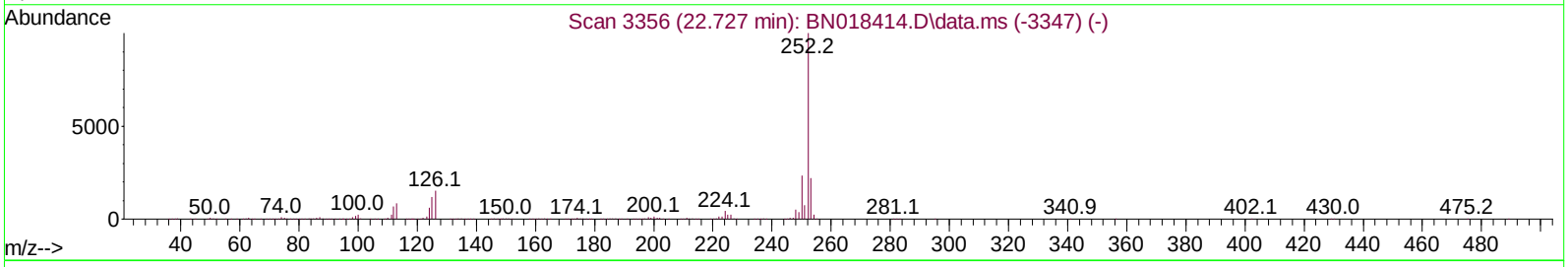

TIC: BN018437.D\data.ms

(90) Benzo(b)fluoranthene

22.774min (+ 0.047) 43.33 ng/ul

response 3925889

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	21.07
125.00	9.00	10.18
0.00	0.00	0.00

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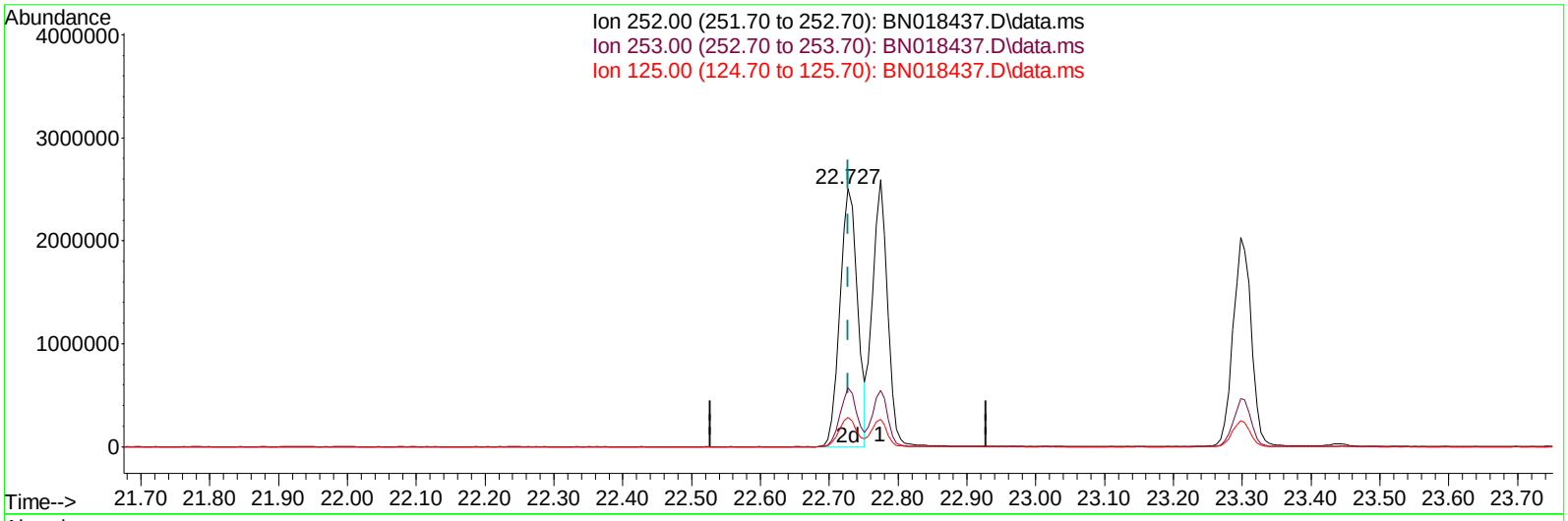

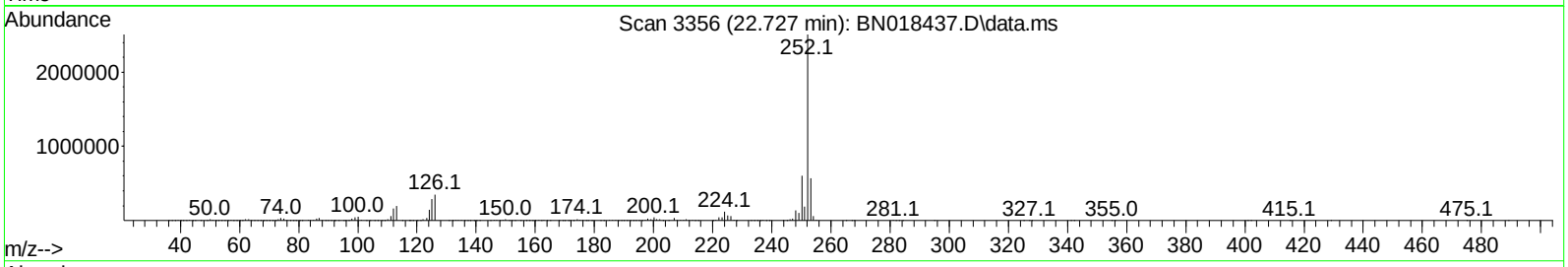

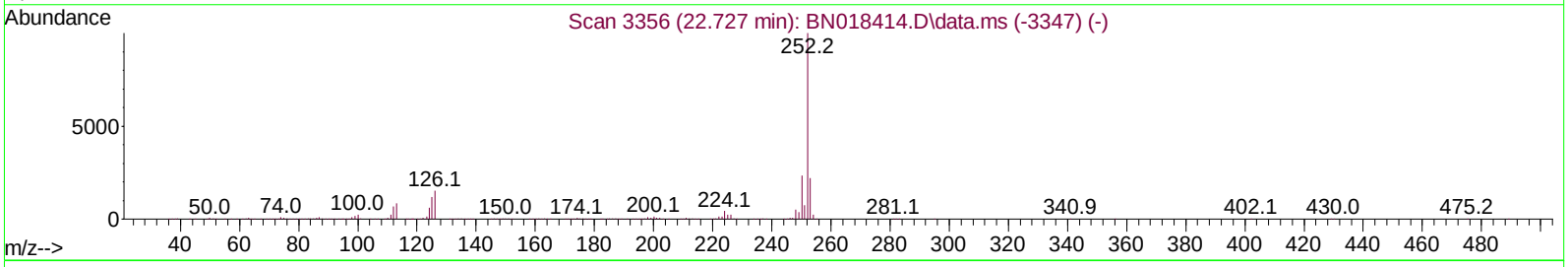

TIC: BN018437.D\data.ms

(90) Benzo(b)fluoranthene

22.727min (-0.000) 48.96 ng/ul m

response 4436142

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.85
125.00	9.00	11.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	311540	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	1352505	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.233	164	818555	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	1689329	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1459600	20.000	ng/ul	# 0.00
88) Perylene-d12	23.392	264	1413355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	32042	4.134	ng/uL	0.00
4) Pyridine-d5	3.469	84	181098	7.467	ng/ul	0.00
7) Phenol-d5	6.775	99	233680	7.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	608716	31.560	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	620801	27.991	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	429337	17.965	ng/ul	0.00
21) Nitrobenzene-d5	8.740	128	400880	39.796	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	417328	38.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	693537	35.451	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	940890	31.294	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	2581604	43.422	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2923651	38.900	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	113928	10.042	ng/ul	0.00
60) Fluorene-d10	15.228	176	1997099	39.813	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	396381	41.467	ng/ul	0.00
73) Anthracene-d10	17.075	188	3056772	39.069	ng/ul	0.00
81) Pyrene-d10	19.380	212	3622775	43.268	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	3374866	47.979	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	47820	5.484	ng/uL	88
5) Pyridine	3.487	79	218601	8.666	ng/ul	94
6) Benzaldehyde	6.728	77	649794	33.790	ng/ul	97
8) Phenol	6.799	94	287638	9.115	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.022	93	831085	32.665	ng/ul	95
12) 2-Chlorophenol	7.157	128	652423	27.876	ng/ul	95
13) 2-Methylphenol	8.040	108	512574	21.591	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.128	45	937222	27.758	ng/ul#	91
16) Acetophenone	8.404	105	1289006	35.211	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.399	70	674699	33.732	ng/ul#	89
18) 4-Methylphenol	8.369	108	460664	18.084	ng/ul	98
19) Hexachloroethane	8.657	117	328003	33.791	ng/ul#	78
22) Nitrobenzene	8.781	77	1042382	39.169	ng/ul	98
23) Isophorone	9.304	82	1980417	37.053	ng/ul	98
25) 2-Nitrophenol	9.493	139	447990	37.372	ng/ul#	92
26) 2,4-Dimethylphenol	9.563	107	760364	28.602	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.798	93	1149796	34.582	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	709143	35.788	ng/ul	98
30) Naphthalene	10.416	128	2703387	36.533	ng/ul	100
32) 4-Chloroaniline	10.534	127	935495	30.466	ng/ul	99
33) Hexachlorobutadiene	10.716	225	448578	41.514	ng/ul	96
34) Caprolactam	11.287	113	34258m	4.398	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	867726	34.991	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	1860031	37.671	ng/ul	94
37) 1-Methylnaphthalene	12.263	142	1870259	36.399	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	837687	39.898	ng/ul#	92
40) Hexachlorocyclopentadiene	12.404	237	409750	33.979	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	603001	42.346	ng/ul	96
42) 2,4,5-Trichlorophenol	12.734	196	646400	42.822	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	2488203	39.032	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	1807878	37.953	ng/ul#	92
45) 2-Nitroaniline	13.310	65	730963	49.029	ng/ul	98
47) Dimethylphthalate	13.704	163	2558746	42.403	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	552096	48.280	ng/ul	86
50) Acenaphthylene	13.951	152	2922139	36.894	ng/ul	99
51) 3-Nitroaniline	14.145	138	519910	40.442	ng/ul	93
52) Acenaphthene	14.298	153	1949304	37.350	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	276743	42.968	ng/ul#	76
55) 4-Nitrophenol	14.463	109	124695	12.865	ng/ul#	73
56) Dibenzofuran	14.633	168	2839468	39.233	ng/ul#	84
57) 2,4-Dinitrotoluene	14.610	165	777149	47.234	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.869	232	566501	46.556	ng/ul#	76
59) Diethylphthalate	15.075	149	2818514	45.243	ng/ul	95
61) Fluorene	15.286	166	2151259	38.597	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	995385	39.939	ng/ul#	79
63) 4-Nitroaniline	15.310	138	533432	46.518	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.375	198	404436	41.507	ng/ul#	80
67) N-Nitrosodiphenylamine	15.498	169	1972654	37.674	ng/ul	94
68) 4-Bromophenyl-phenylether	16.175	248	688620	42.036	ng/ul#	79
69) Hexachlorobenzene	16.298	284	818411	41.675	ng/ul#	88
70) Atrazine	16.457	200	758164	44.155	ng/ul	93
71) Pentachlorophenol	16.639	266	477056	42.559	ng/ul	95
72) Phenanthrene	17.022	178	3741494	38.975	ng/ul	96
74) Anthracene	17.110	178	3569001	37.451	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	884666	36.675	ng/uL	98
76) Pentachlorobenzene	14.563	250	901641	39.980	ng/uL	99
77) Carbazole	17.386	167	3473956	41.416	ng/ul	97
78) Di-n-butylphthalate	17.963	149	4848887	47.025	ng/ul#	98
80) Fluoranthene	19.045	202	4496250	44.303	ng/ul	98
82) Pyrene	19.410	202	4303832	41.621	ng/ul	97
83) Butylbenzylphthalate	20.321	149	2397159	55.922	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.098	252	1384492	49.208	ng/ul#	94
85) Benzo(a)anthracene	21.163	228	4121528	43.138	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.110	149	3422509	52.492	ng/ul#	95
87) Chrysene	21.210	228	3883018	41.268	ng/ul	97
89) Di-n-octyl phthalate	21.980	149	6002045	59.264	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4436142m	48.960	ng/ul	
91) Benzo(k)fluoranthene	22.774	252	3925889	46.721	ng/ul	98
93) Benzo(a)pyrene	23.298	252	3781825	43.769	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.651	276	3921190	41.035	ng/ul#	95
95) Dibenzo(a,h)anthracene	25.668	278	3341669	41.473	ng/ul	96
96) Benzo(g,h,i)perylene	26.333	276	3285307	41.032	ng/ul#	91

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

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