Quantitation Report (Qedit)

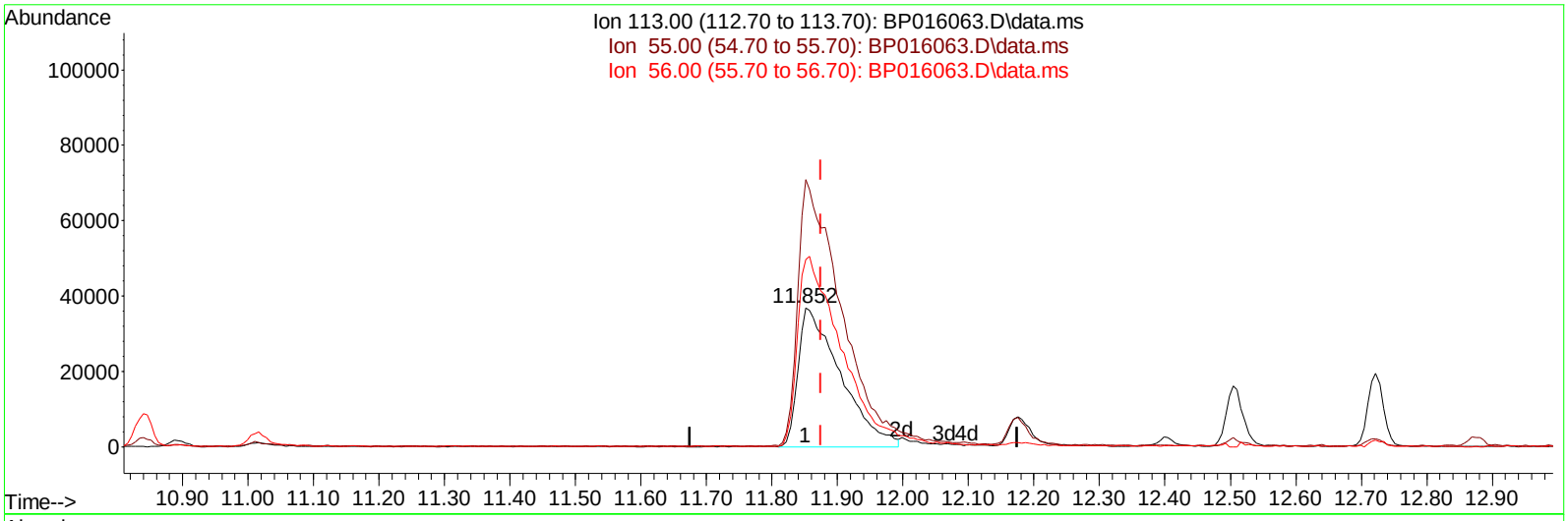
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016063.D
Acq On : 07 Jul 2023 10:08
Operator : MA/JU
Sample : PB153581BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

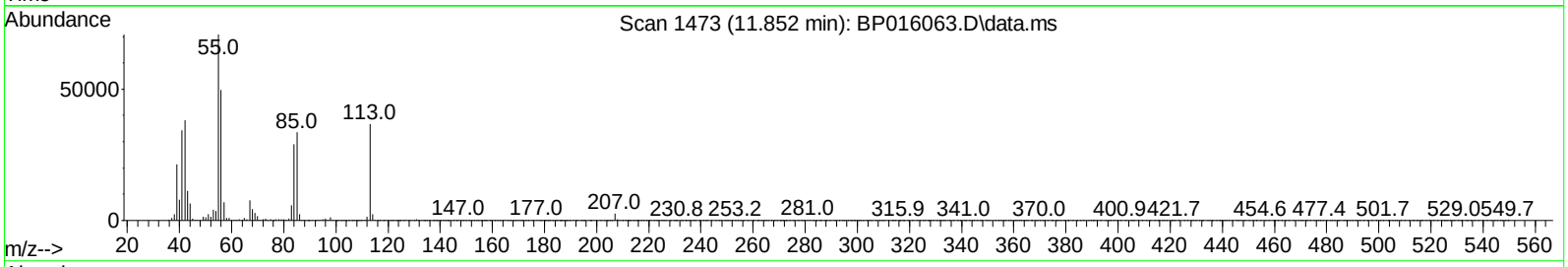
Quant Time: Jul 07 10:43:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

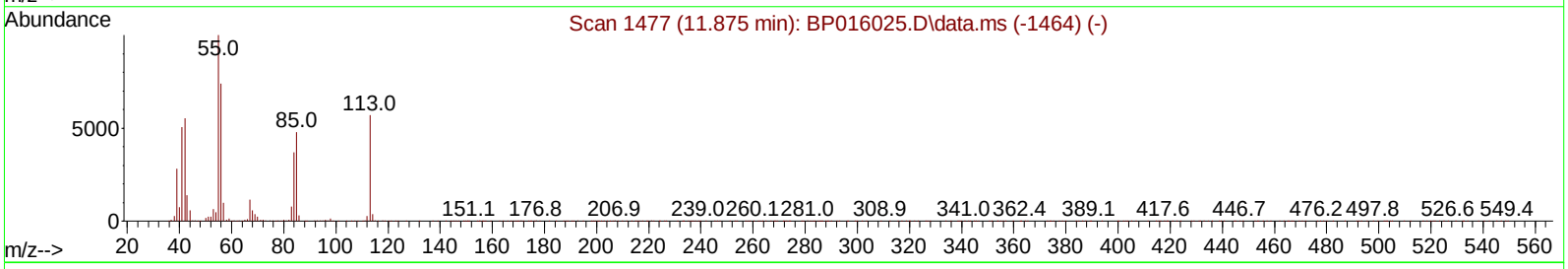
Instrument :
BNA_P
ClientSampleId :
SLCS581

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023







TIC: BP016063.D\data.ms

(34) Caprolactam

11.852min (-0.023) 30.04 ng/ul

response 165644

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	192.33
56.00	146.10	134.86
0.00	0.00	0.00

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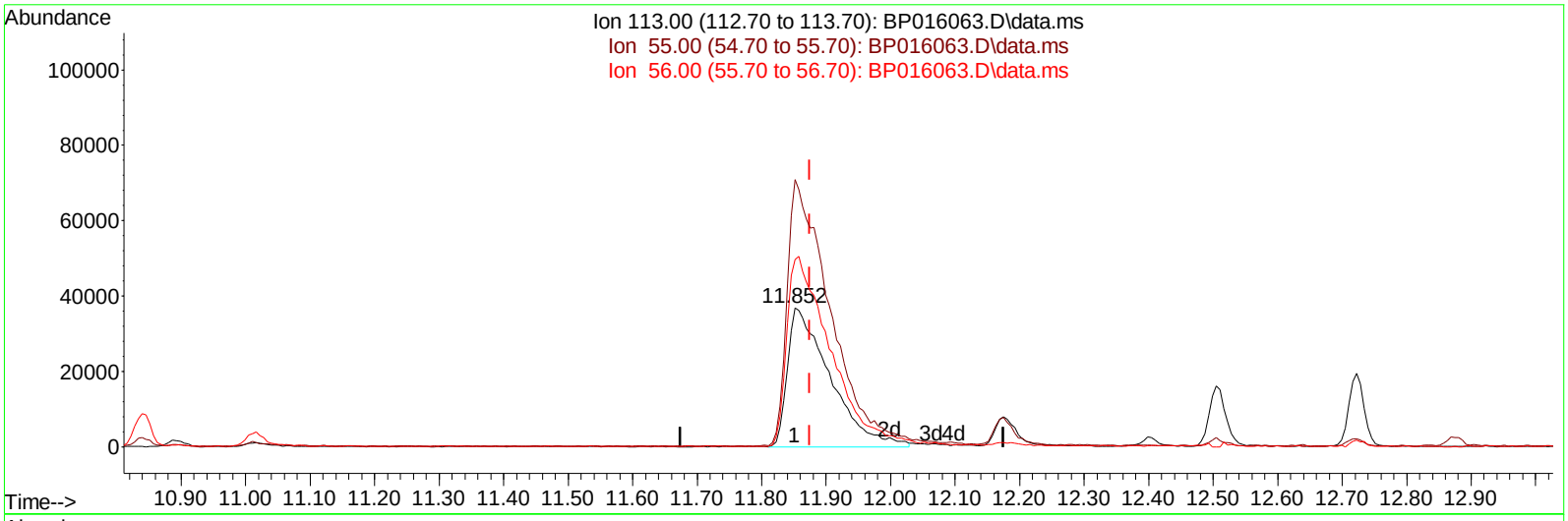

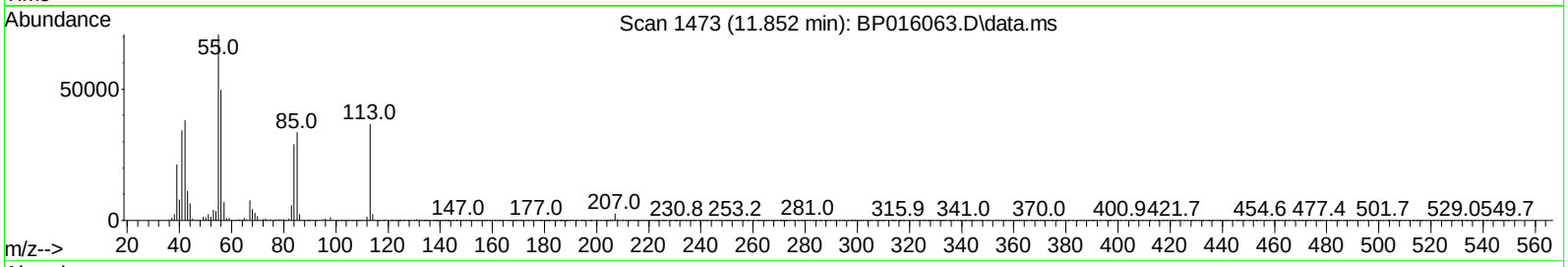

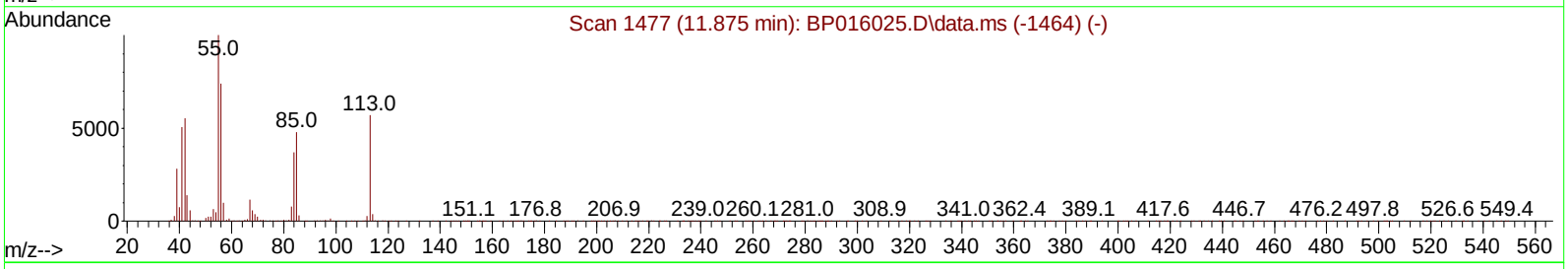

TIC: BP016063.D\data.ms

(34) Caprolactam

11.852min (-0.023) 30.68 ng/ul m

response 169166

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	192.33
56.00	146.10	134.86
0.00	0.00	0.00

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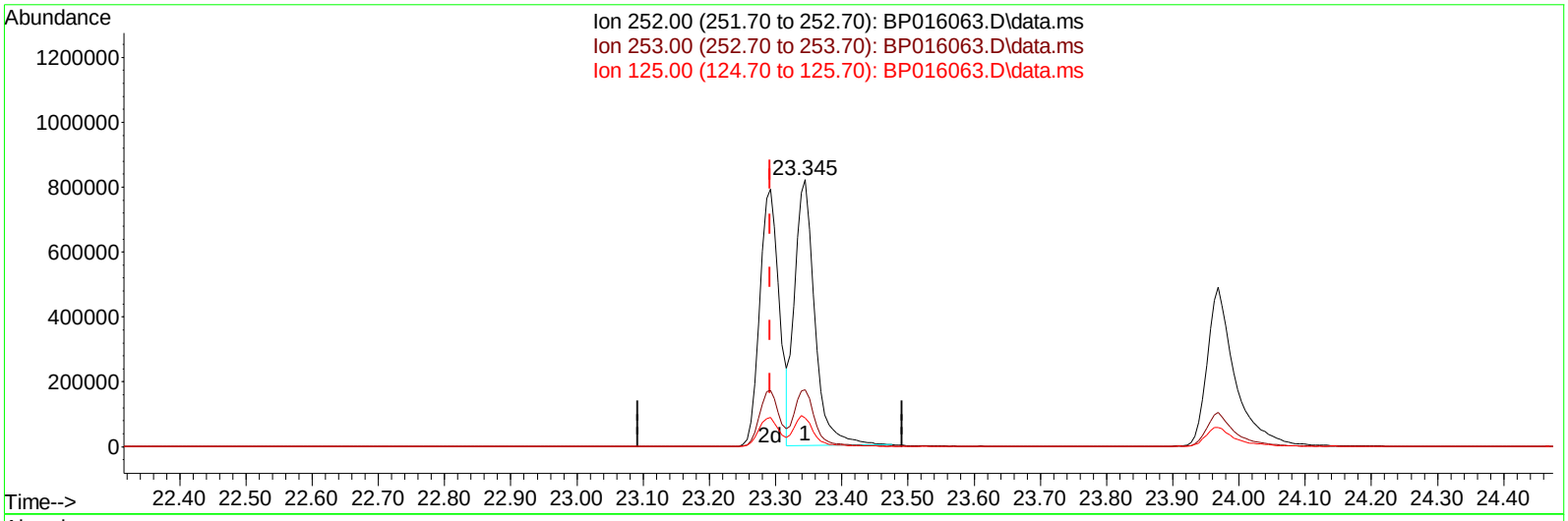

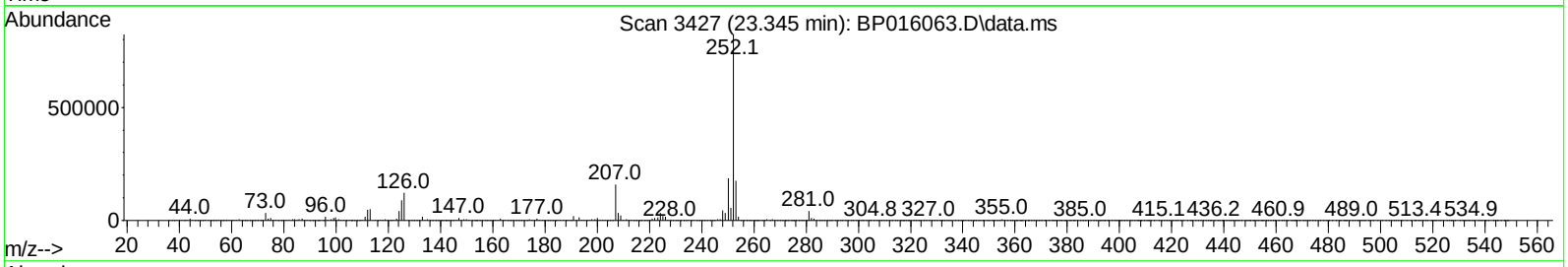

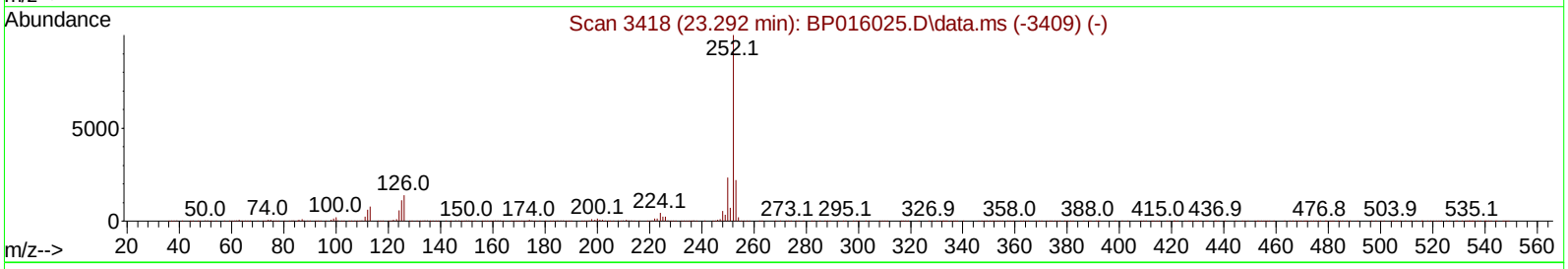

TIC: BP016063.D\data.ms

(90) Benzo(b)fluoranthene

23.345min (+ 0.053) 29.79 ng/ul

response 1746061

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.33
125.00	9.40	10.72
0.00	0.00	0.00

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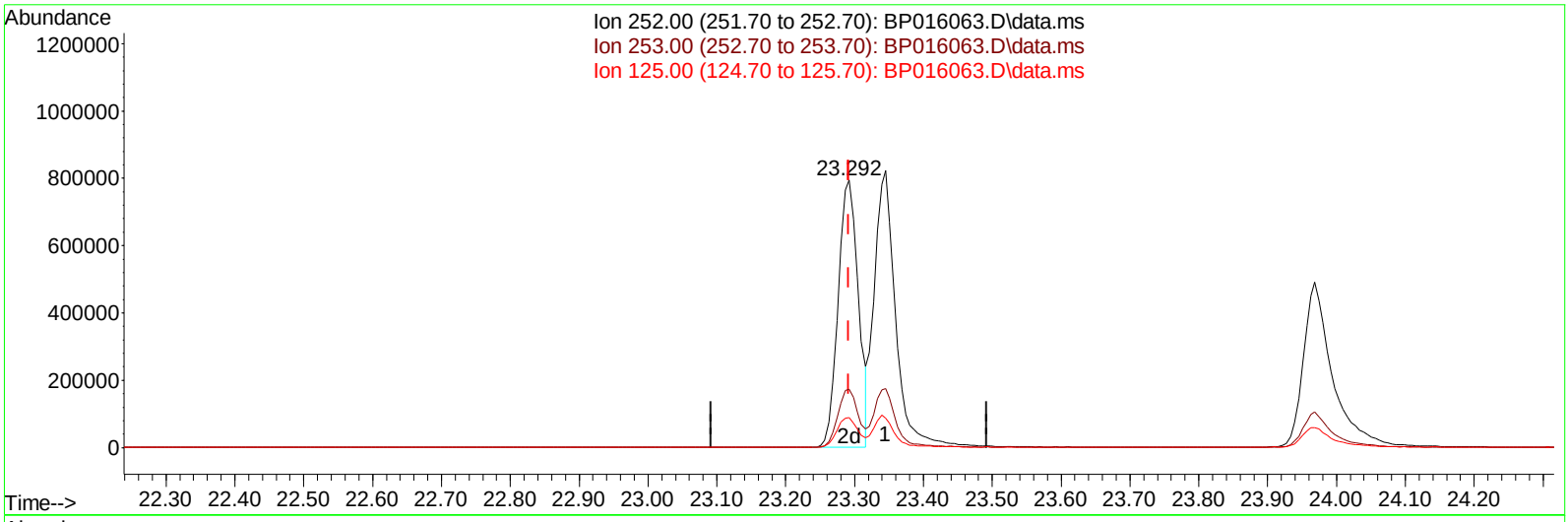

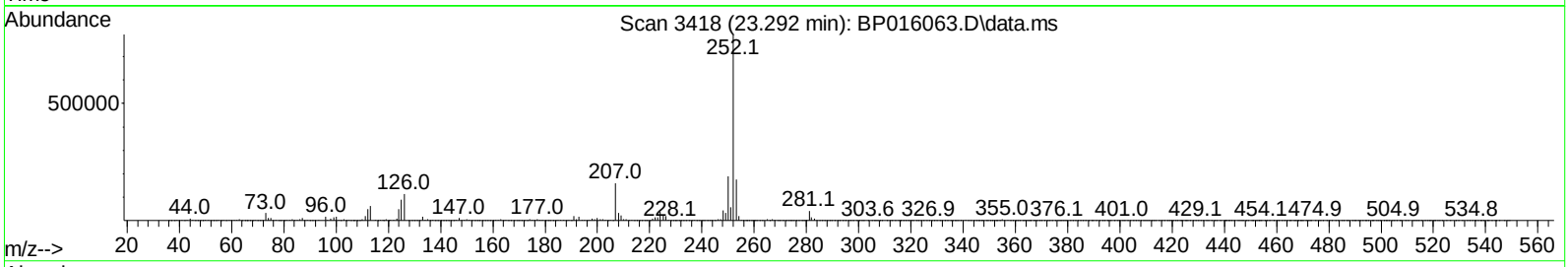

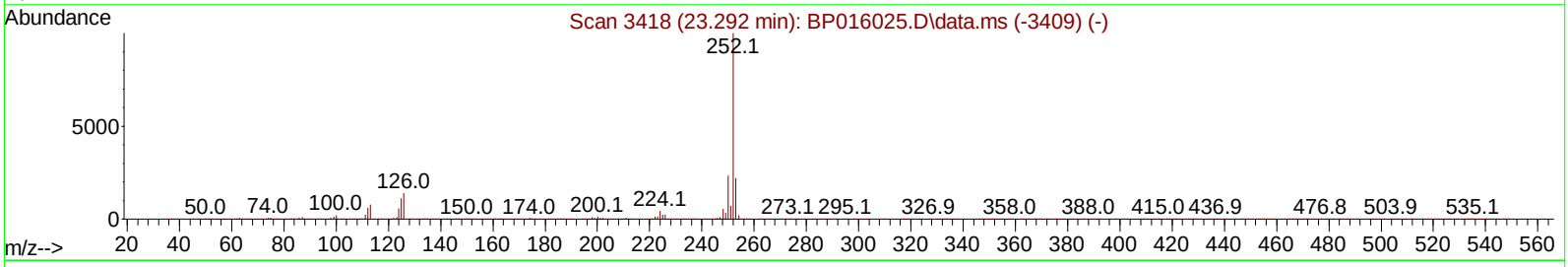

TIC: BP016063.D\data.ms

(90) Benzo(b)fluoranthene

23.292min (+ 0.000) 27.55 ng/ul m

response 1615097

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.90
125.00	9.40	11.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jul 07 10:44:48 2023
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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	8.022	152	256001	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	1140834	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.669	164	705372	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.434	188	1509834	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.533	240	1055263	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	912225	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	36796	5.171	ng/uL	0.00
4) Pyridine-d5	3.799	84	438040	24.422	ng/ul	0.00
7) Phenol-d5	7.205	99	651963	29.765	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	438863	32.385	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.552	132	497164	30.068	ng/ul	-0.01
15) 4-Methylphenol-d8	8.758	113	528518	30.544	ng/ul	-0.01
21) Nitrobenzene-d5	9.210	128	258716	29.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	291225	28.619	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	504446	27.819	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	609299	26.157	ng/ul	-0.01
46) Dimethylphthalate-d6	14.081	166	1632975	29.952	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1823184	29.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	164271	22.832	ng/ul	-0.01
60) Fluorene-d10	15.669	176	1314645	29.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	267702	28.831	ng/ul	0.00
73) Anthracene-d10	17.539	188	1943174	28.176	ng/ul	0.00
81) Pyrene-d10	19.775	212	2168089	31.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1373936	29.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	75236	9.825	ng/uL	98
5) Pyridine	3.817	79	441922	23.552	ng/ul	99
6) Benzaldehyde	7.169	77	359472	40.592	ng/ul	97
8) Phenol	7.234	94	670398	29.494	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.440	93	545989	30.190	ng/ul	98
12) 2-Chlorophenol	7.587	128	493198	28.076	ng/ul	98
13) 2-Methylphenol	8.487	108	504982	29.425	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.558	45	827295	33.492	ng/ul	99
16) Acetophenone	8.863	105	823084	28.936	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.840	70	473311	29.960	ng/ul	97
18) 4-Methylphenol	8.828	108	549658	29.809	ng/ul	99
19) Hexachloroethane	9.087	117	219143	27.011	ng/ul	89
22) Nitrobenzene	9.252	77	679991	27.773	ng/ul	97
23) Isophorone	9.775	82	1322543	28.227	ng/ul	99
25) 2-Nitrophenol	9.969	139	297533	27.551	ng/ul	93
26) 2,4-Dimethylphenol	10.028	107	512764	21.599	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.252	93	787529	29.775	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	481689	26.719	ng/ul	99
30) Naphthalene	10.893	128	1670174	26.930	ng/ul	99
32) 4-Chloroaniline	11.040	127	572037	23.637	ng/ul	97
33) Hexachlorobutadiene	11.152	225	305262	22.422	ng/ul	99
34) Caprolactam	11.852	113	169166m	30.677	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	585763	27.758	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.504	142	1117394	27.369	ng/ul	99
37) 1-Methylnaphthalene	12.722	142	1145286	27.499	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	589360	25.355	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	131362	18.891	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	347962	23.687	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	406435	26.084	ng/ul	98
43) 1,1'-Biphenyl	13.504	154	1521180	27.227	ng/ul	97
44) 2-Chloronaphthalene	13.557	162	1188251	26.998	ng/ul	98
45) 2-Nitroaniline	13.793	65	418893	30.248	ng/ul	96
47) Dimethylphthalate	14.128	163	1567313	27.778	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	325719	28.459	ng/ul	100
50) Acenaphthylene	14.398	152	1864752	27.614	ng/ul	100
51) 3-Nitroaniline	14.628	138	307576	34.270	ng/ul	95
52) Acenaphthene	14.734	153	1291336	27.576	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	149195	24.570	ng/ul	92
55) 4-Nitrophenol	14.963	109	197926	26.547	ng/ul#	77
56) Dibenzofuran	15.075	168	1783883	27.442	ng/ul	97
57) 2,4-Dinitrotoluene	15.087	165	454275	29.126	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.322	232	284784	21.279	ng/ul	100
59) Diethylphthalate	15.487	149	1602697	28.069	ng/ul	99
61) Fluorene	15.728	166	1462563	27.738	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	711920	26.387	ng/ul	95
63) 4-Nitroaniline	15.810	138	266384	43.365	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	246752	26.265	ng/ul	93
67) N-Nitrosodiphenylamine	15.934	169	1235588	27.336	ng/ul	100
68) 4-Bromophenyl-phenylether	16.610	248	440442	25.546	ng/ul	92
69) Hexachlorobenzene	16.740	284	514337	25.282	ng/ul	98
70) Atrazine	16.910	200	50523	2.920	ng/ul	97
71) Pentachlorophenol	17.116	266	162657	16.659	ng/ul	97
72) Phenanthrene	17.481	178	2305029	28.102	ng/ul	99
74) Anthracene	17.581	178	2243252	27.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	601140	24.468	ng/uL	99
76) Pentachlorobenzene	14.998	250	606070	24.443	ng/uL	99
77) Carbazole	17.869	167	2015818	29.018	ng/ul	98
78) Di-n-butylphthalate	18.363	149	2724538	29.584	ng/ul	99
80) Fluoranthene	19.445	202	2535871	29.612	ng/ul#	93
82) Pyrene	19.804	202	2586906	29.613	ng/ul#	90
83) Butylbenzylphthalate	20.645	149	1081427	30.344	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	618718	25.937	ng/ul	98
85) Benzo(a)anthracene	21.516	228	2005080	27.011	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1445840	29.520	ng/ul#	99
87) Chrysene	21.580	228	2044937	29.035	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	2087581	31.314	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1615097m	27.555	ng/ul	
91) Benzo(k)fluoranthene	23.345	252	1770655	29.899	ng/ul	98
93) Benzo(a)pyrene	23.969	252	1424724	27.818	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.774	276	1704230	24.512	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.786	278	1425827	24.967	ng/ul#	96
96) Benzo(g,h,i)perylene	27.621	276	1425730	24.926	ng/ul#	95

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

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