Quantitation Report (Qedit)

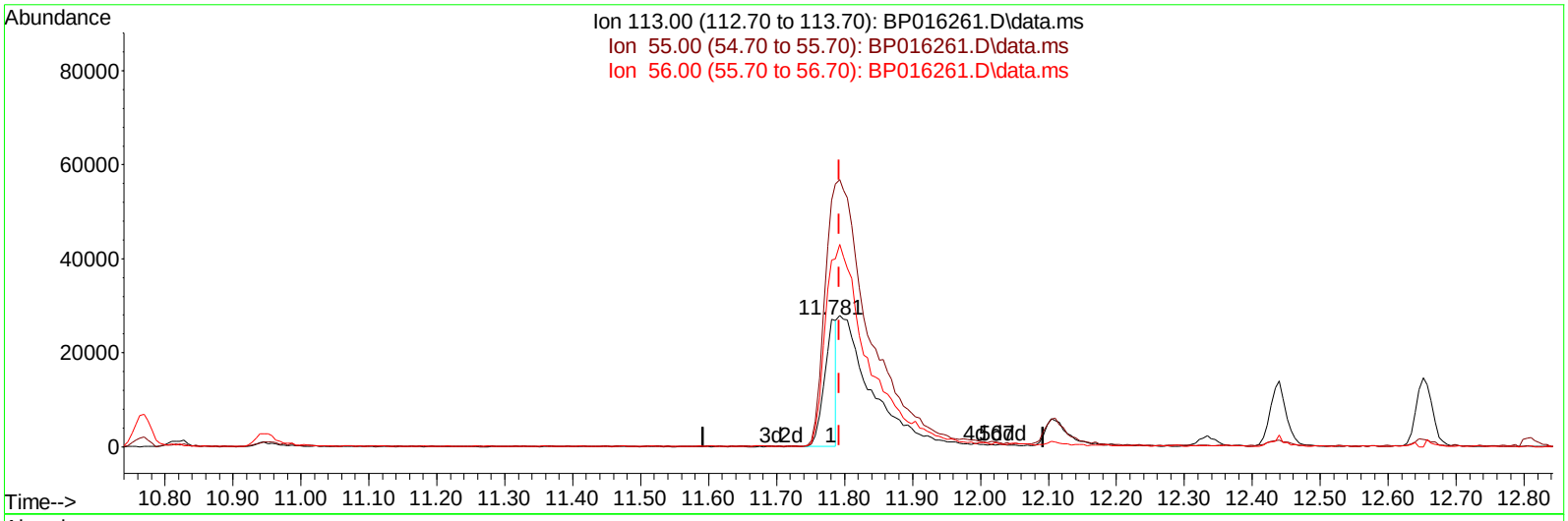
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016261.D
Acq On : 17 Jul 2023 19:32
Operator : MA/JU
Sample : PB153975BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

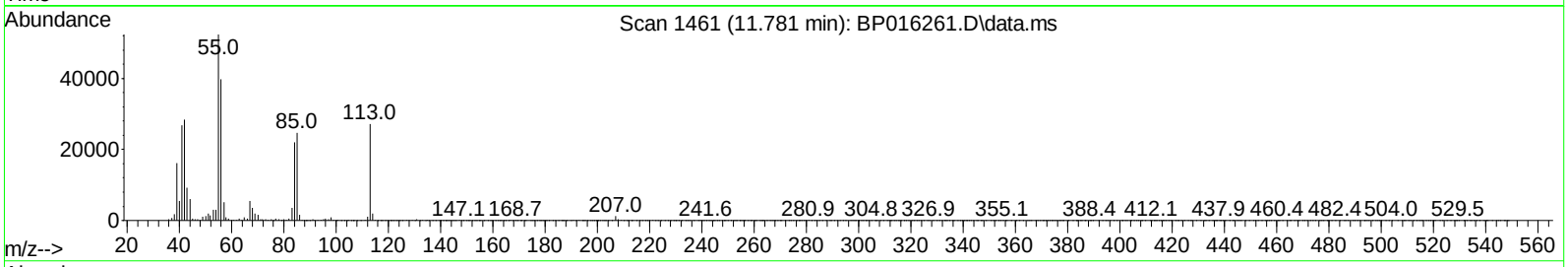
Quant Time: Jul 18 00:01:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

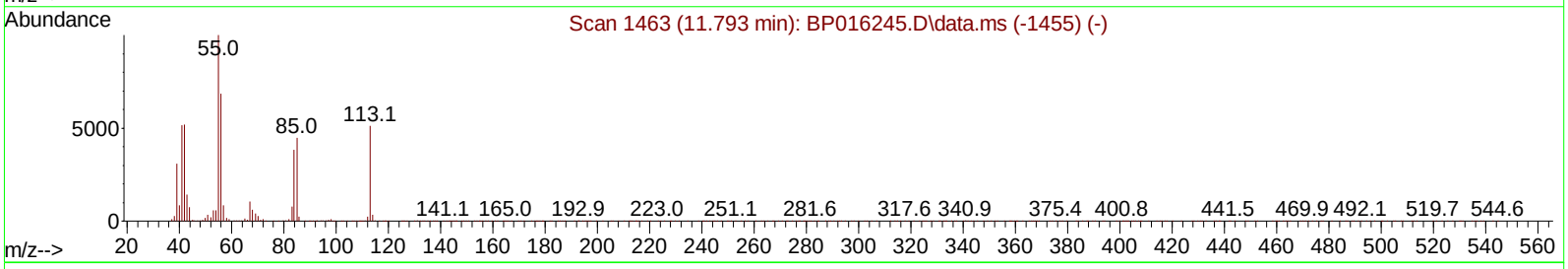
Instrument :
BNA_P
ClientSampleId :
SLCS975

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023







TIC: BP016261.D\data.ms

(34) Caprolactam

11.781min (-0.012) 7.92 ng/ul

response 34083

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	192.87
56.00	129.70	146.19
0.00	0.00	0.00

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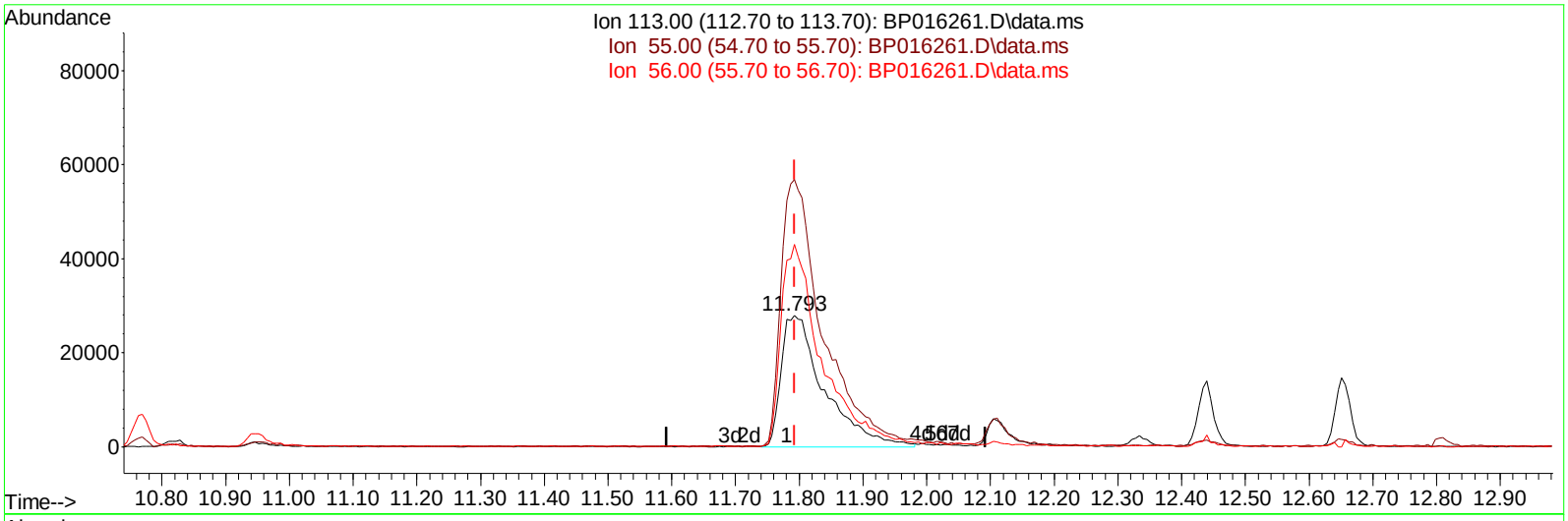

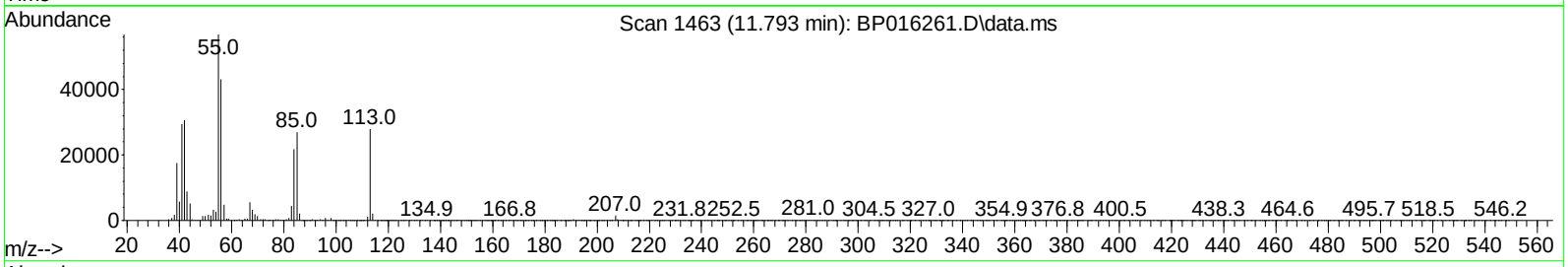

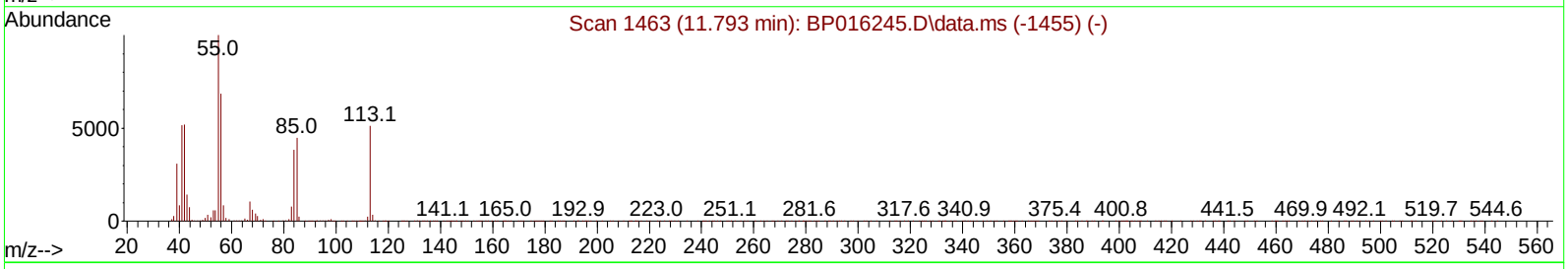

TIC: BP016261.D\data.ms

(34) Caprolactam

11.793min (-0.000) 30.22 ng/ul m

response 130091

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	203.15
56.00	129.70	154.11
0.00	0.00	0.00

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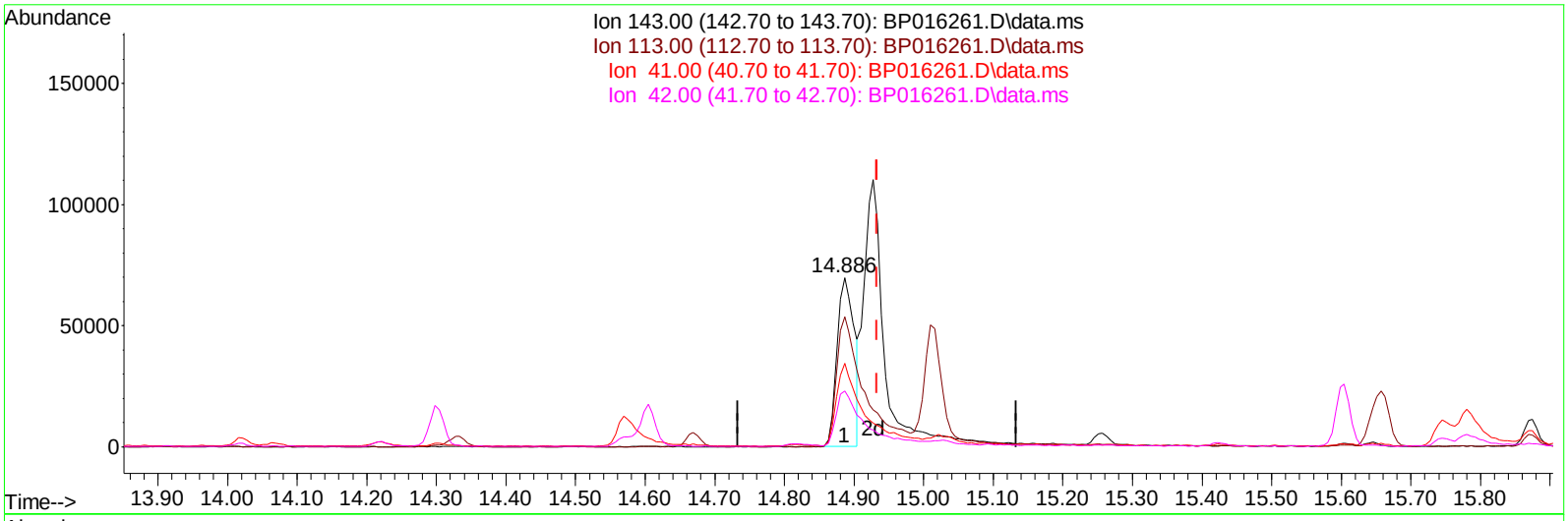

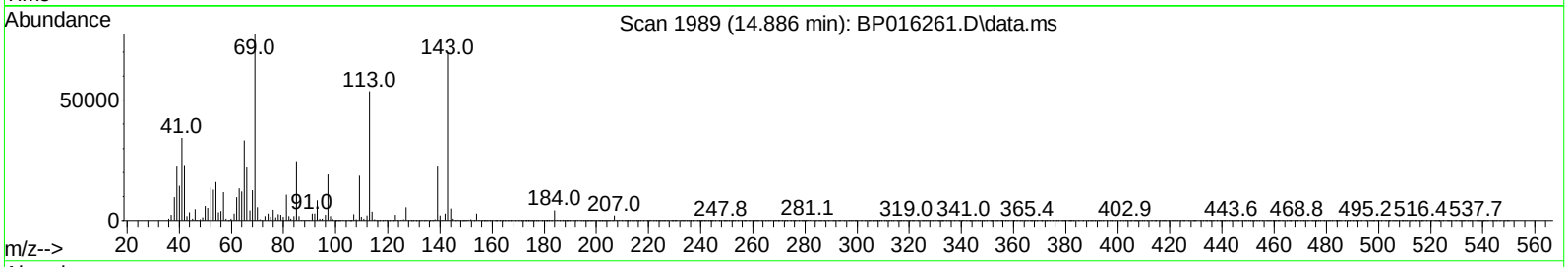

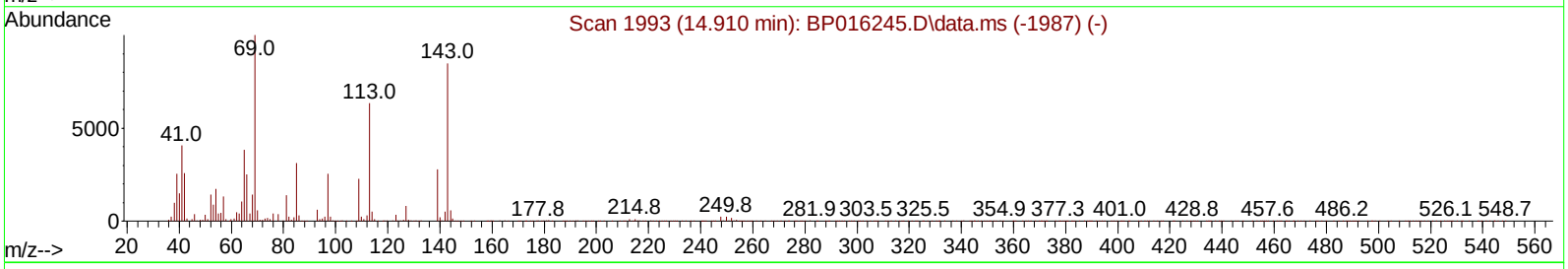

TIC: BP016261.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.886min (-0.047) 14.07 ng/ul

response 120629

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	76.83
41.00	49.30	49.20
42.00	32.70	33.02

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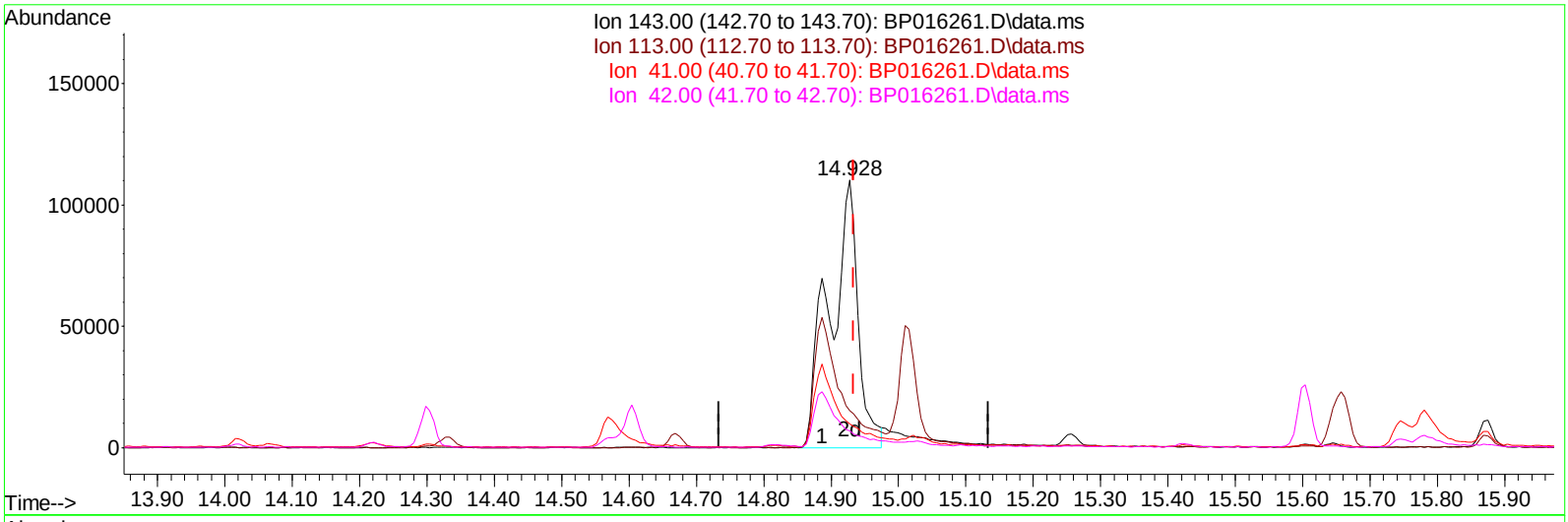

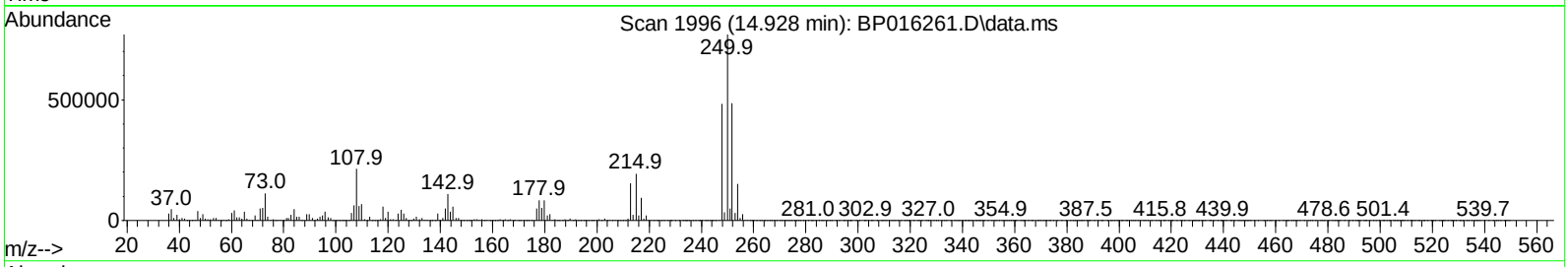

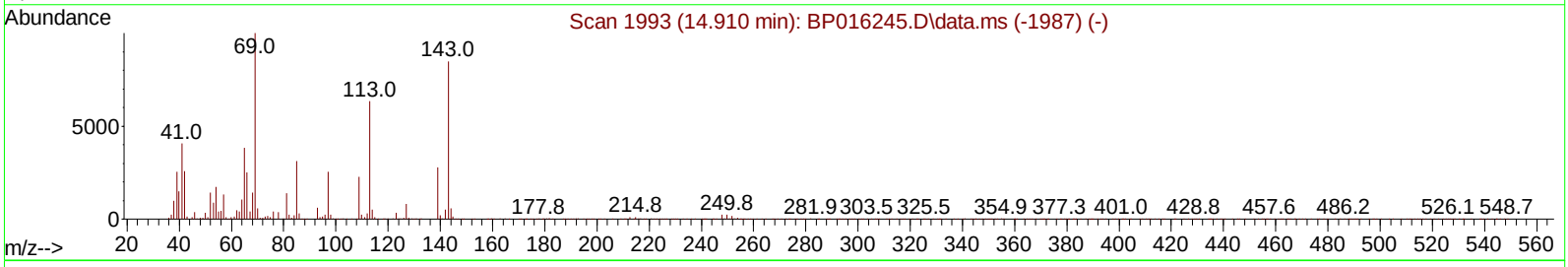

TIC: BP016261.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.928min (-0.006) 37.33 ng/ul m

response 320154

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	13.76#
41.00	49.30	8.92#
42.00	32.70	6.39#

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB153975BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 18 00:13:17 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	175625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	849422	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	550892	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1248639	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1267648	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1385586	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	27419	5.525	ng/uL	0.00
4) Pyridine-d5	3.728	84	381016	30.782	ng/ul	-0.01
7) Phenol-d5	7.134	99	536575	33.825	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	340402	31.734	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	390805	34.127	ng/ul	-0.01
15) 4-Methylphenol-d8	8.693	113	407763	31.909	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	194410	33.175	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.869	143	223444	33.455	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.428	165	403499	34.887	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.945	131	508893	27.450	ng/ul	-0.01
46) Dimethylphthalate-d6	14.022	166	1244422	29.613	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	1433935	31.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	320154m	37.331	ng/ul	0.00
60) Fluorene-d10	15.604	176	1074858	30.563	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	205933	28.569	ng/ul	-0.01
73) Anthracene-d10	17.475	188	1714096	31.383	ng/ul	0.00
81) Pyrene-d10	19.710	212	2106308	32.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	2181776	32.789	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	57130	10.494	ng/uL#	94
5) Pyridine	3.752	79	361321	28.499	ng/ul	97
6) Benzaldehyde	7.110	77	247467	24.984	ng/ul	96
8) Phenol	7.163	94	528057	31.053	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	412064	29.796	ng/ul	97
12) 2-Chlorophenol	7.516	128	388951	32.736	ng/ul	97
13) 2-Methylphenol	8.422	108	390279	30.493	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.487	45	645936	28.780	ng/ul	98
16) Acetophenone	8.799	105	631537	29.970	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	350937	31.063	ng/ul	98
18) 4-Methylphenol	8.763	108	430487	30.758	ng/ul	97
19) Hexachloroethane	9.016	117	163029	30.098	ng/ul	97
22) Nitrobenzene	9.187	77	526012	30.894	ng/ul	99
23) Isophorone	9.704	82	982114	29.100	ng/ul	99
25) 2-Nitrophenol	9.904	139	227243	31.667	ng/ul	95
26) 2,4-Dimethylphenol	9.963	107	419203	26.564	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.187	93	600199	30.542	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	383270	32.227	ng/ul	98
30) Naphthalene	10.816	128	1321172	29.638	ng/ul	99
32) 4-Chloroaniline	10.969	127	422919	22.937	ng/ul	99
33) Hexachlorobutadiene	11.075	225	233328	28.886	ng/ul	99
34) Caprolactam	11.793	113	130091m	30.216	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	455267	31.021	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	873590	29.229	ng/ul	99
37) 1-Methylnaphthalene	12.651	142	881718	28.685	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	470120	29.963	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	84222	13.674	ng/ul	93
41) 2,4,6-Trichlorophenol	13.069	196	294070	29.666	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	323492	30.695	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	1199767	29.856	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	946494	29.979	ng/ul	99
45) 2-Nitroaniline	13.734	65	320763	31.175	ng/ul	97
47) Dimethylphthalate	14.069	163	1205451	28.402	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	247392	30.918	ng/ul	98
50) Acenaphthylene	14.334	152	1493312	28.232	ng/ul	100
51) 3-Nitroaniline	14.569	138	242627	29.860	ng/ul	95
52) Acenaphthene	14.669	153	1042315	29.136	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	112474	20.083	ng/ul	97
55) 4-Nitrophenol	14.928	109	199942	30.636	ng/ul#	51
56) Dibenzofuran	15.016	168	1454809	29.856	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	364659	30.894	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.257	232	263952	27.597	ng/ul	99
59) Diethylphthalate	15.422	149	1261186	28.574	ng/ul	99
61) Fluorene	15.663	166	1195044	29.357	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	569466	28.925	ng/ul	99
63) 4-Nitroaniline	15.745	138	232724	31.186	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.798	198	189211	25.115	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	1010308	30.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	358747	30.232	ng/ul	98
69) Hexachlorobenzene	16.669	284	419258	29.339	ng/ul	98
70) Atrazine	16.839	200	130539	9.947	ng/ul	97
71) Pentachlorophenol	17.045	266	173230	24.174	ng/ul	97
72) Phenanthrene	17.416	178	1951931	30.002	ng/ul	100
74) Anthracene	17.516	178	1927209	29.480	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	484734	29.571	ng/uL	99
76) Pentachlorobenzene	14.928	250	1122398	72.540	ng/uL	99
77) Carbazole	17.804	167	1811445	30.391	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2251412	30.153	ng/ul	99
80) Fluoranthene	19.386	202	2375124	30.878	ng/ul	100
82) Pyrene	19.745	202	2518882	30.672	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1101097	31.089	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	819141	27.656	ng/ul	97
85) Benzo(a)anthracene	21.451	228	2514434	30.460	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1630555	30.818	ng/ul	100
87) Chrysene	21.510	228	2478514	29.639	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2887646	33.272	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	2563516	32.389	ng/ul	98
91) Benzo(k)fluoranthene	23.245	252	2590361	32.161	ng/ul	99
93) Benzo(a)pyrene	23.851	252	2249548	28.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	2621831	27.005	ng/ul	99
95) Dibenzo(a,h)anthracene	26.598	278	2154444	27.205	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	2064685	26.643	ng/ul	99

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

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