Quantitation Report (Qedit)

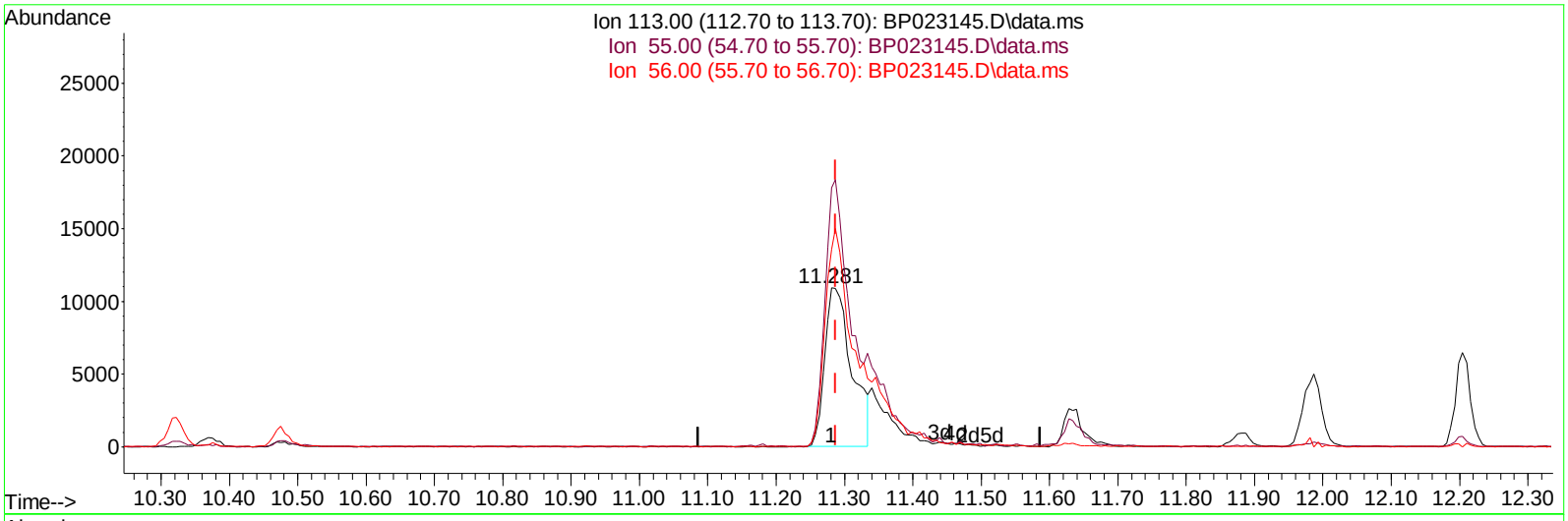
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023145.D
Acq On : 15 Nov 2024 18:47
Operator : RC/JU
Sample : PB164977BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

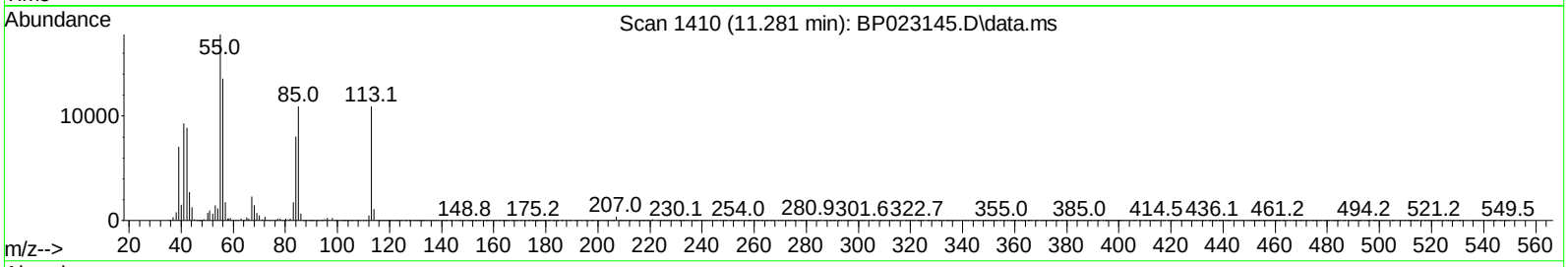
Quant Time: Nov 15 23:46:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

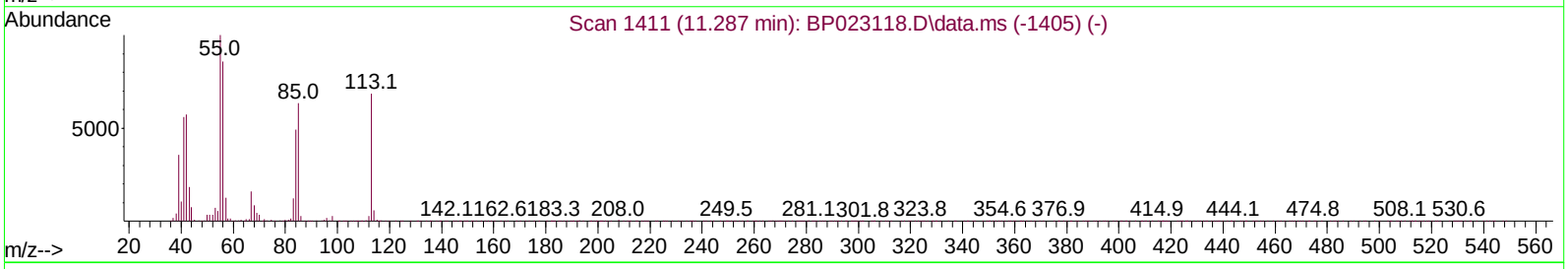
Instrument :
BNA_P
ClientSampleId :
SLCS977

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BP023145.D\data.ms

(34) Caprolactam

11.281min (-0.006) 24.80 ng/ul

response 30177

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	162.75
56.00	124.80	124.01
0.00	0.00	0.00

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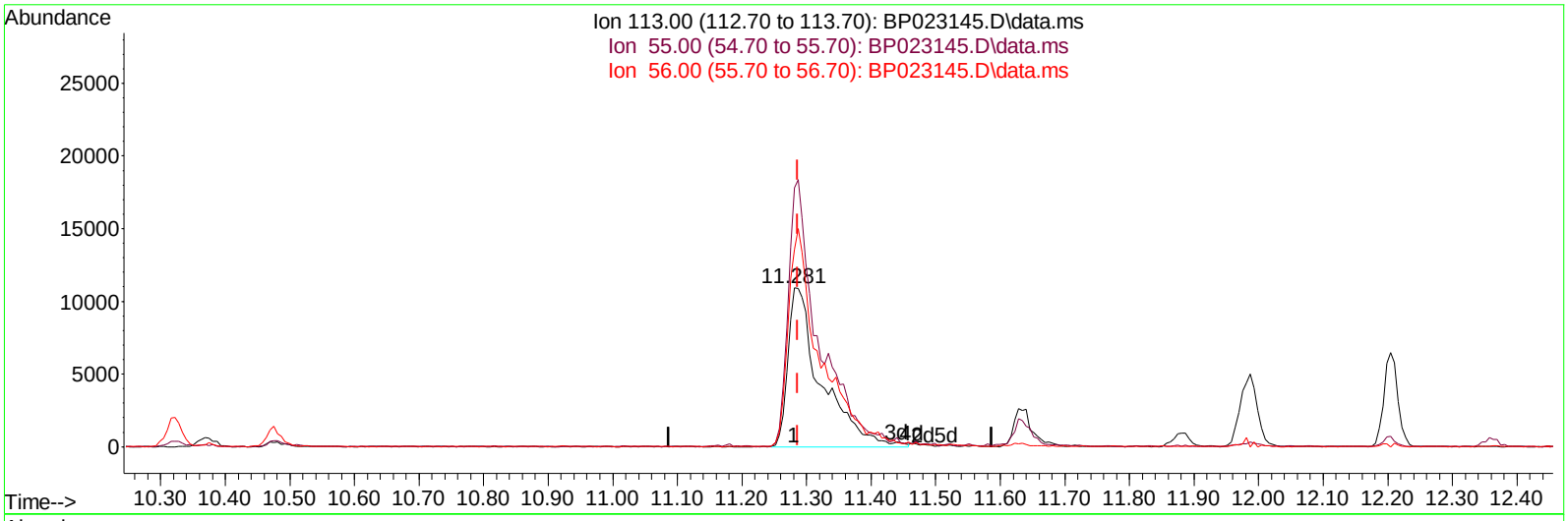

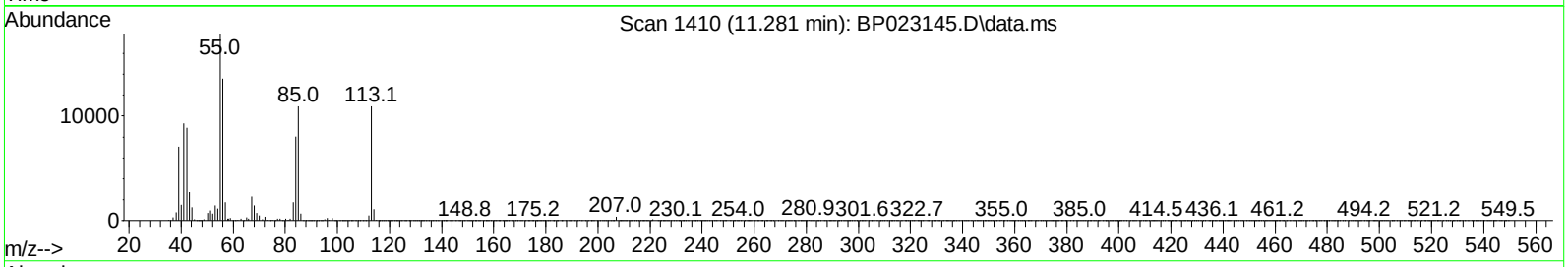

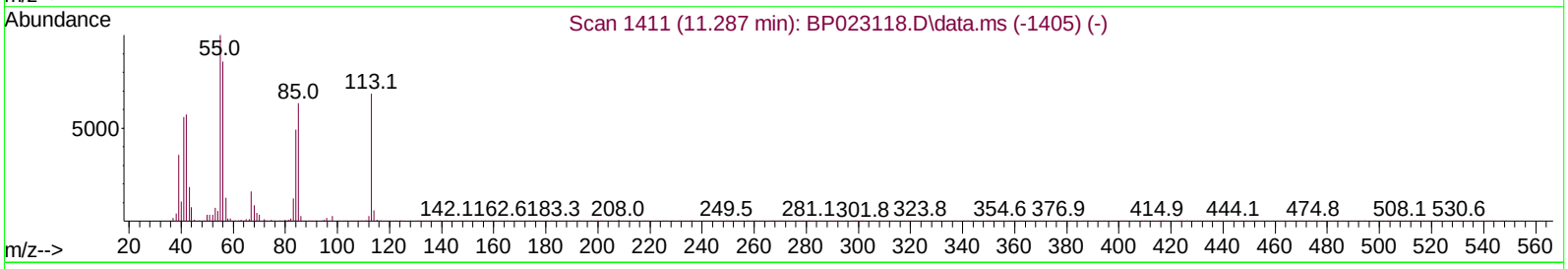

TIC: BP023145.D\data.ms

(34) Caprolactam

11.281min (-0.006) 32.22 ng/ul m

response 39207

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	162.75
56.00	124.80	124.01
0.00	0.00	0.00

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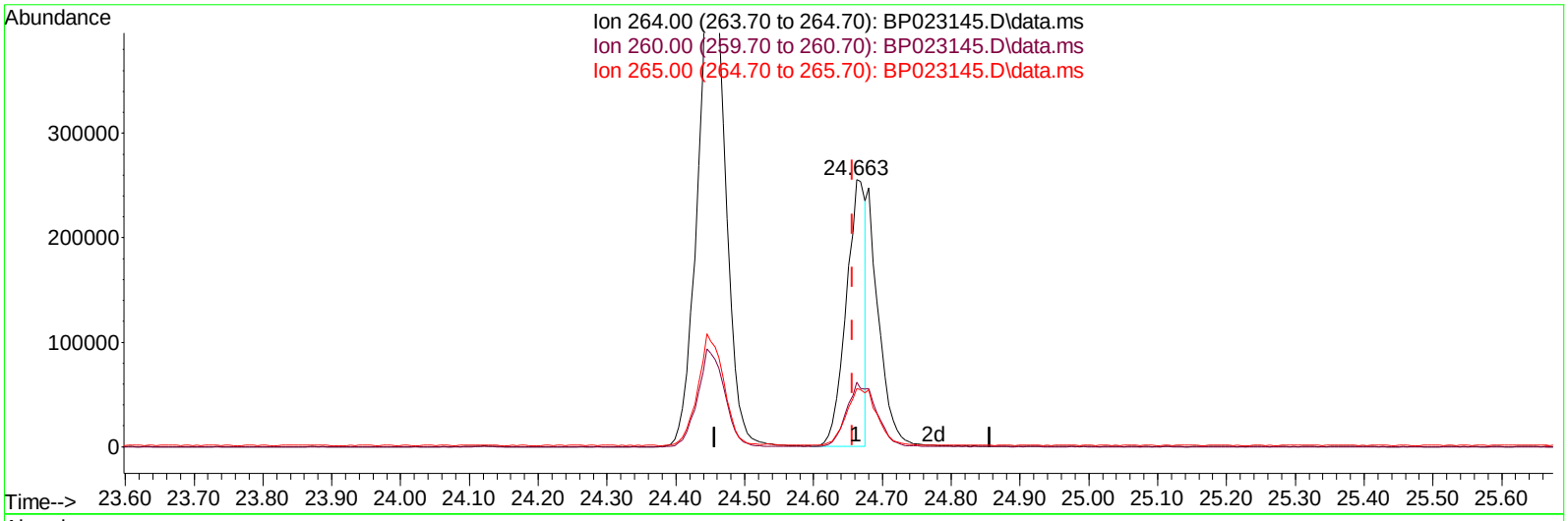

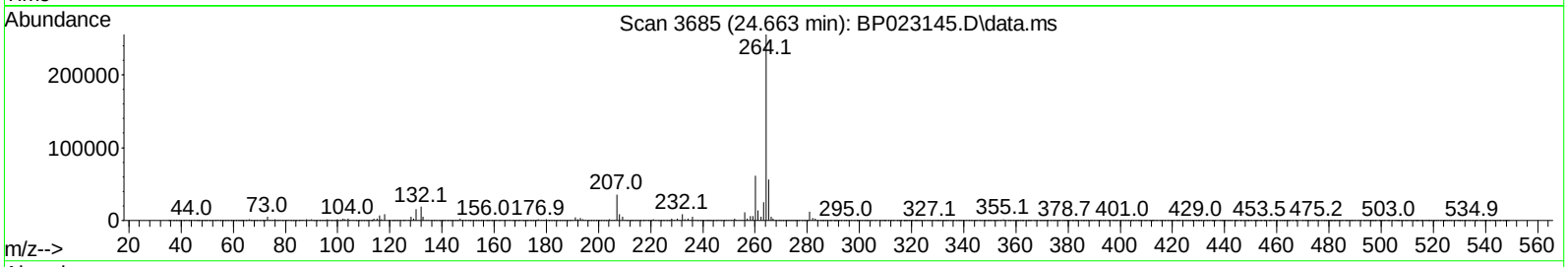

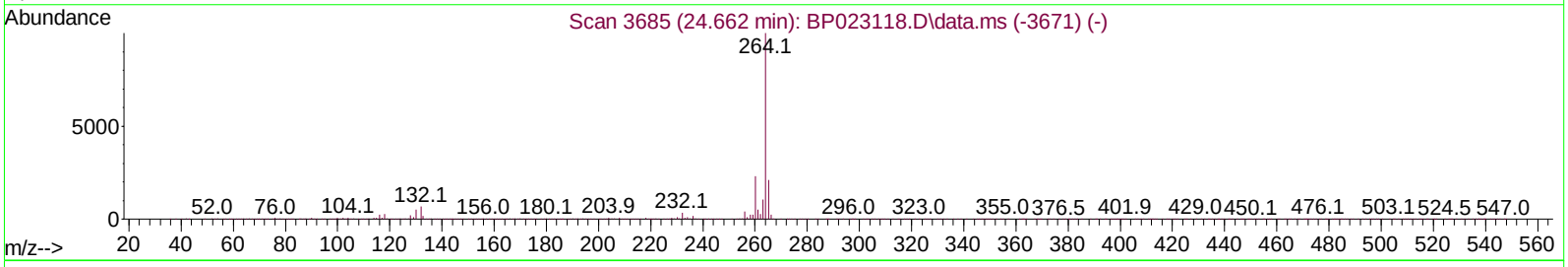

TIC: BP023145.D\data.ms

(88) Perylene-d12 (I)

24.663min (+ 0.006) 20.00 ng/ul

response 492819

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.09
265.00	22.40	21.88
0.00	0.00	0.00

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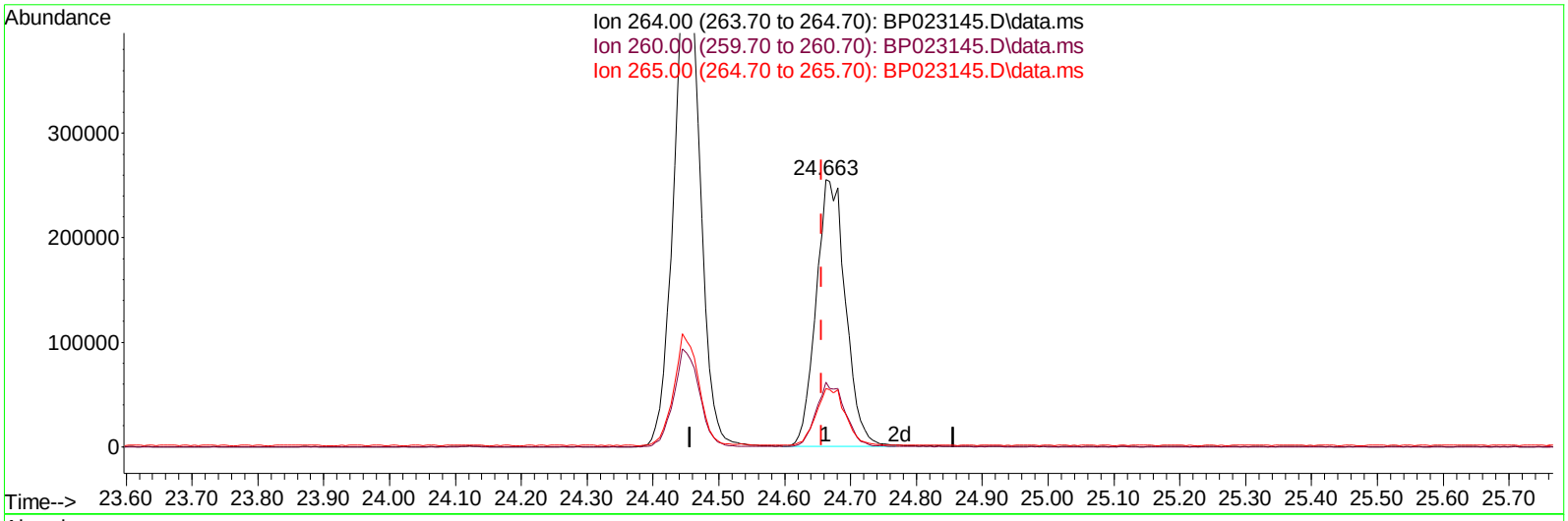

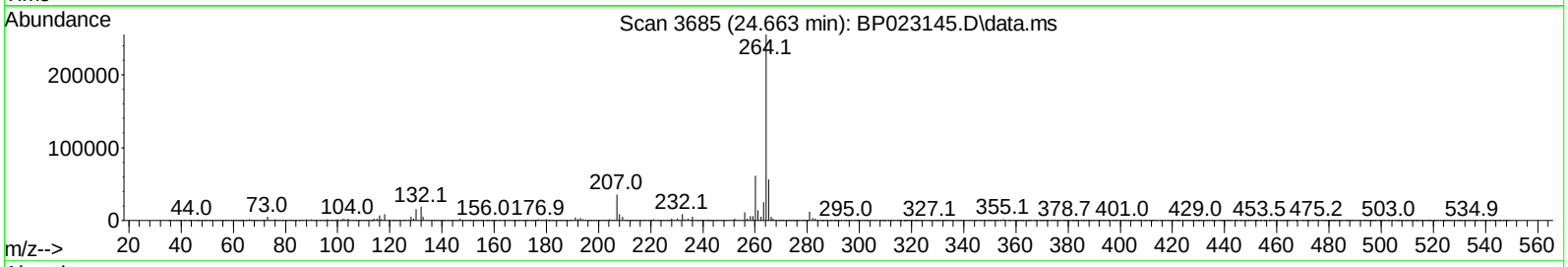

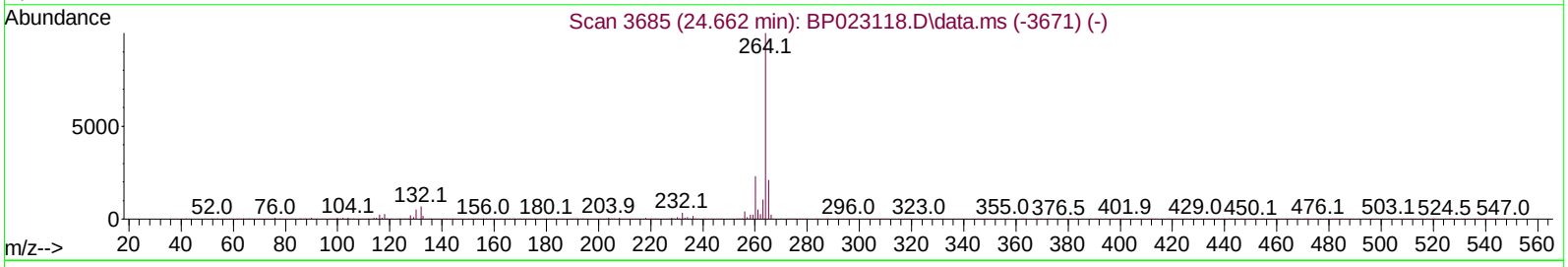

TIC: BP023145.D\data.ms

(88) Perylene-d12 (I)

24.663min (+ 0.006) 20.00 ng/ul m

response 791476

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.09
265.00	22.40	21.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.575	152	59794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	237663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	204855	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	551054	20.000	ng/ul	-0.01
79) Chrysene-d12	21.445	240	663517	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	791476m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	8111	6.520	ng/uL	0.00
4) Pyridine-d5	3.546	84	110052	29.777	ng/ul	0.00
7) Phenol-d5	6.775	99	145107	32.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	82535	31.778	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	106377	32.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	117017	32.166	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	56169	33.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	65607	33.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	144816	35.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	140958	28.603	ng/ul	0.00
46) Dimethylphthalate-d6	13.604	166	489194	33.133	ng/ul	0.00
49) Acenaphthylene-d8	13.893	160	513292	33.318	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	69517	31.330	ng/ul	0.00
60) Fluorene-d10	15.204	176	444754	34.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	106384	32.227	ng/ul	0.00
73) Anthracene-d10	17.110	188	792200	33.953	ng/ul	0.00
81) Pyrene-d10	19.492	212	1064988	34.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	1315722	34.899	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	15385	10.704	ng/uL	94
5) Pyridine	3.564	79	108499	29.232	ng/ul	98
6) Benzaldehyde	6.746	77	56561	22.233	ng/ul	97
8) Phenol	6.805	94	145407	31.498	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.011	93	104634	30.163	ng/ul	98
12) 2-Chlorophenol	7.152	128	107420	31.957	ng/ul	92
13) 2-Methylphenol	8.016	108	105022	30.477	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.081	45	122245	31.129	ng/ul	96
16) Acetophenone	8.387	105	189776	31.044	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.369	70	99143	32.481	ng/ul	96
18) 4-Methylphenol	8.346	108	118504	31.135	ng/ul	99
19) Hexachloroethane	8.622	117	49666	30.551	ng/ul	98
22) Nitrobenzene	8.758	77	158373	33.359	ng/ul	95
23) Isophorone	9.275	82	275487	32.452	ng/ul	99
25) 2-Nitrophenol	9.458	139	66953	32.158	ng/ul	94
26) 2,4-Dimethylphenol	9.516	107	117798	26.202	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.752	93	151604	32.458	ng/ul	98
29) 2,4-Dichlorophenol	9.987	162	132270	32.327	ng/ul	97
30) Naphthalene	10.375	128	367864	31.860	ng/ul	99
32) 4-Chloroaniline	10.499	127	107020	22.415	ng/ul	99
33) Hexachlorobutadiene	10.646	225	113556	30.672	ng/ul	99
34) Caprolactam	11.281	113	39207m	32.216	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	151964	34.524	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	281542	32.299	ng/ul	98
37) 1-Methylnaphthalene	12.204	142	287877	32.306	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.369	216	219529	31.742	ng/ul	95
40) Hexachlorocyclopentadiene	12.328	237	85088	23.424	ng/ul	98
41) 2,4,6-Trichlorophenol	12.616	196	131610	31.252	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	145356	32.017	ng/ul	97
43) 1,1'-Biphenyl	13.010	154	416962	31.765	ng/ul	99
44) 2-Chloronaphthalene	13.052	162	343393	32.002	ng/ul	98
45) 2-Nitroaniline	13.281	65	110890	36.805	ng/ul	97
47) Dimethylphthalate	13.646	163	471099	32.354	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	96601	34.106	ng/ul	99
50) Acenaphthylene	13.916	152	528670	33.949	ng/ul	99
51) 3-Nitroaniline	14.122	138	82822	33.950	ng/ul	99
52) Acenaphthene	14.263	153	368051	32.554	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	60098	29.904	ng/ul	99
55) 4-Nitrophenol	14.463	109	83128	32.022	ng/ul	96
56) Dibenzofuran	14.604	168	581006	33.262	ng/ul	96
57) 2,4-Dinitrotoluene	14.604	165	157132	34.809	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.840	232	134507	30.309	ng/ul	97
59) Diethylphthalate	15.034	149	481440	33.432	ng/ul	98
61) Fluorene	15.269	166	482524	33.750	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	280703	33.345	ng/ul	98
63) 4-Nitroaniline	15.316	138	84535	37.240	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.375	198	110717	31.397	ng/ul#	99
67) N-Nitrosodiphenylamine	15.481	169	421015	33.064	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	205381	32.913	ng/ul	99
69) Hexachlorobenzene	16.298	284	254901	32.448	ng/ul	98
70) Atrazine	16.463	200	81273	13.204	ng/ul	99
71) Pentachlorophenol	16.669	266	130802	26.820	ng/ul	98
72) Phenanthrene	17.051	178	872117	33.520	ng/ul	99
74) Anthracene	17.145	178	875002	33.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.969	216	224434	30.847	ng/uL	98
76) Pentachlorobenzene	14.528	250	252782	30.428	ng/uL	96
77) Carbazole	17.439	167	755273	33.094	ng/ul	99
78) Di-n-butylphthalate	18.010	149	866792	34.226	ng/ul	100
80) Fluoranthene	19.145	202	1176391	33.411	ng/ul	100
82) Pyrene	19.522	202	1237262	32.711	ng/ul	99
83) Butylbenzylphthalate	20.481	149	424729	34.106	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.351	252	466700	31.335	ng/ul	100
85) Benzo(a)anthracene	21.428	228	1385035	34.185	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	615634	34.788	ng/ul	98
87) Chrysene	21.492	228	1271226	33.346	ng/ul	98
89) Di-n-octyl phthalate	22.575	149	1053470	32.808	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	1523640	34.586	ng/ul	100
91) Benzo(k)fluoranthene	23.716	252	1489850	34.354	ng/ul#	98
93) Benzo(a)pyrene	24.527	252	1349010	33.875	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.327	276	1817892	32.765	ng/ul	98
95) Dibenzo(a,h)anthracene	28.374	278	1478369	32.816	ng/ul	98
96) Benzo(g,h,i)perylene	29.451	276	1407473	33.398	ng/ul	98

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

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