Quantitation Report (Qedit)

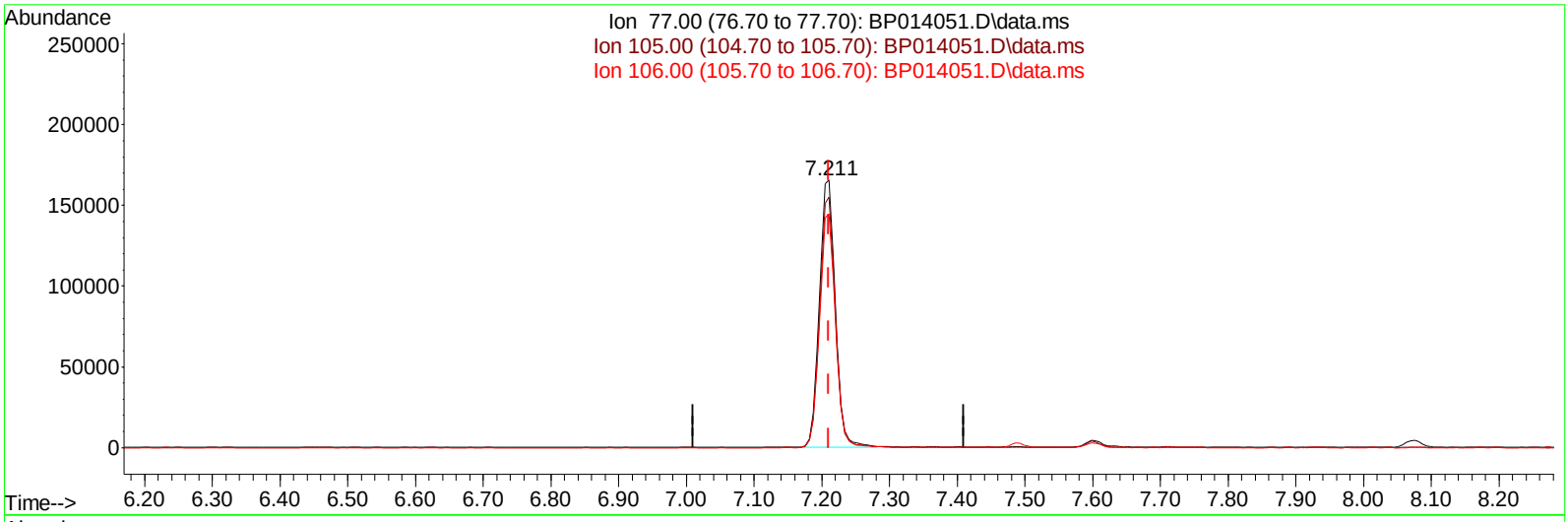
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014051.D
Acq On : 11 Mar 2023 03:31
Operator : CG/JU
Sample : 01810-04MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

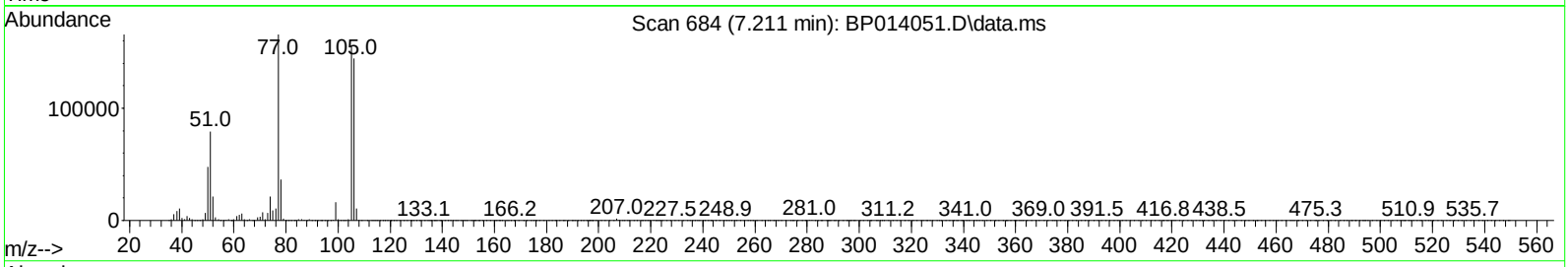
Quant Time: Mar 11 04:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 22:47:08 2023
Response via : Initial Calibration

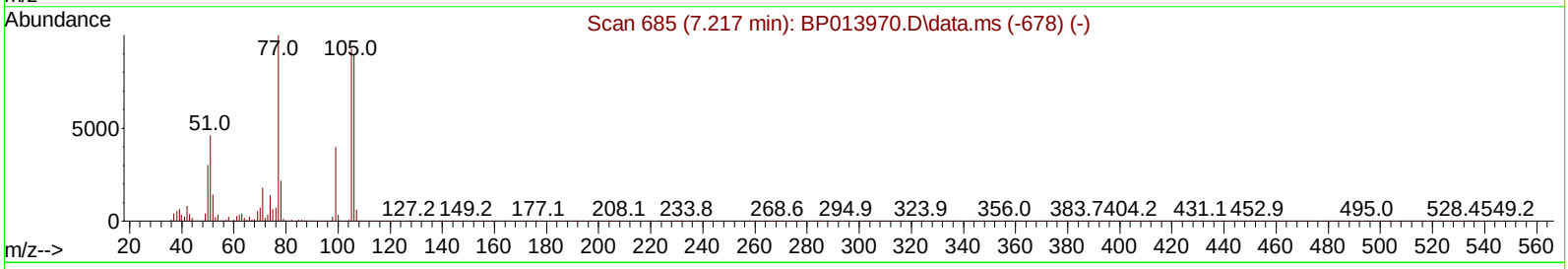
Instrument :
BNA_P
ClientSampleId :
DCAF7MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023







TIC: BP014051.D\data.ms

(6) Benzaldehyde

7.211min (+ 0.000) 35.15 ng/ul

response 270347

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.70
106.00	87.30	87.25
0.00	0.00	0.00

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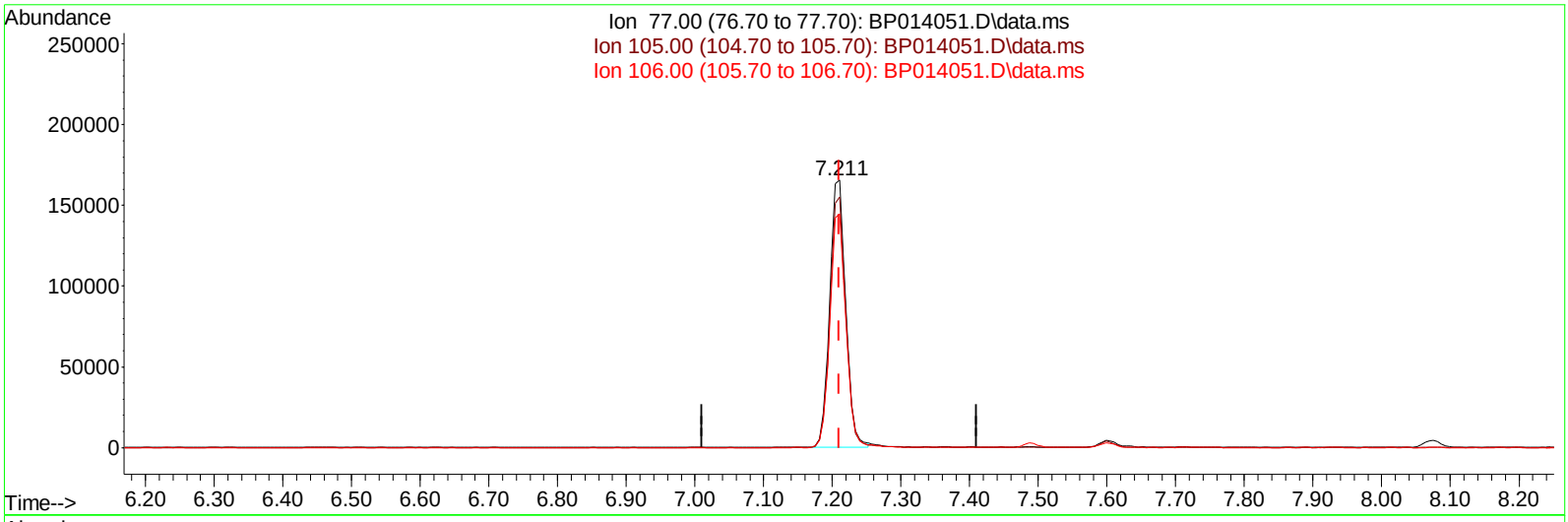

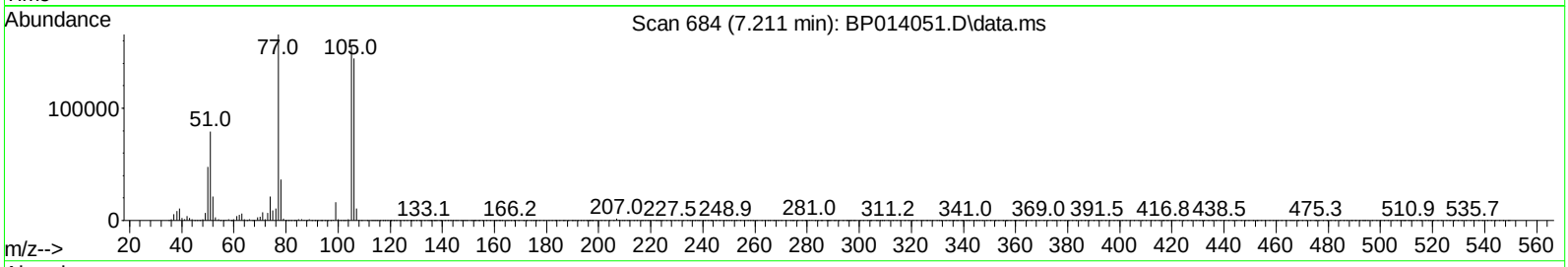

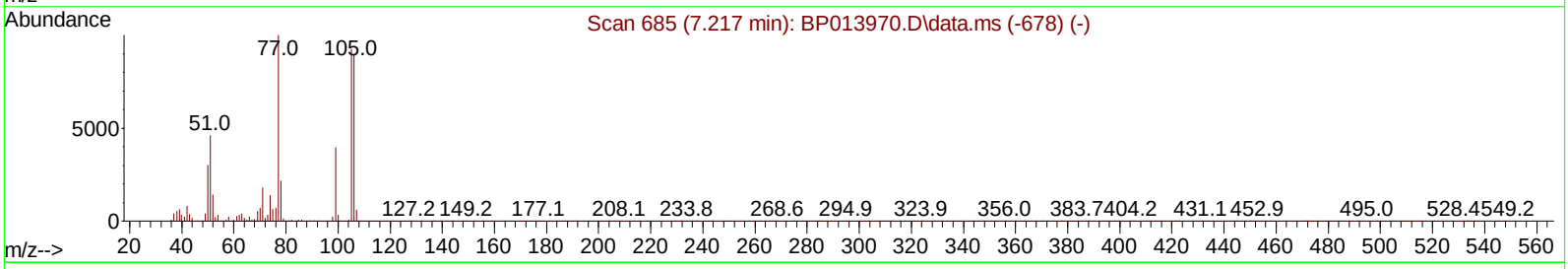

TIC: BP014051.D\data.ms

(6) Benzaldehyde

7.211min (+ 0.000) 34.97 ng/ul m

response 268965

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.70
106.00	87.30	87.25
0.00	0.00	0.00

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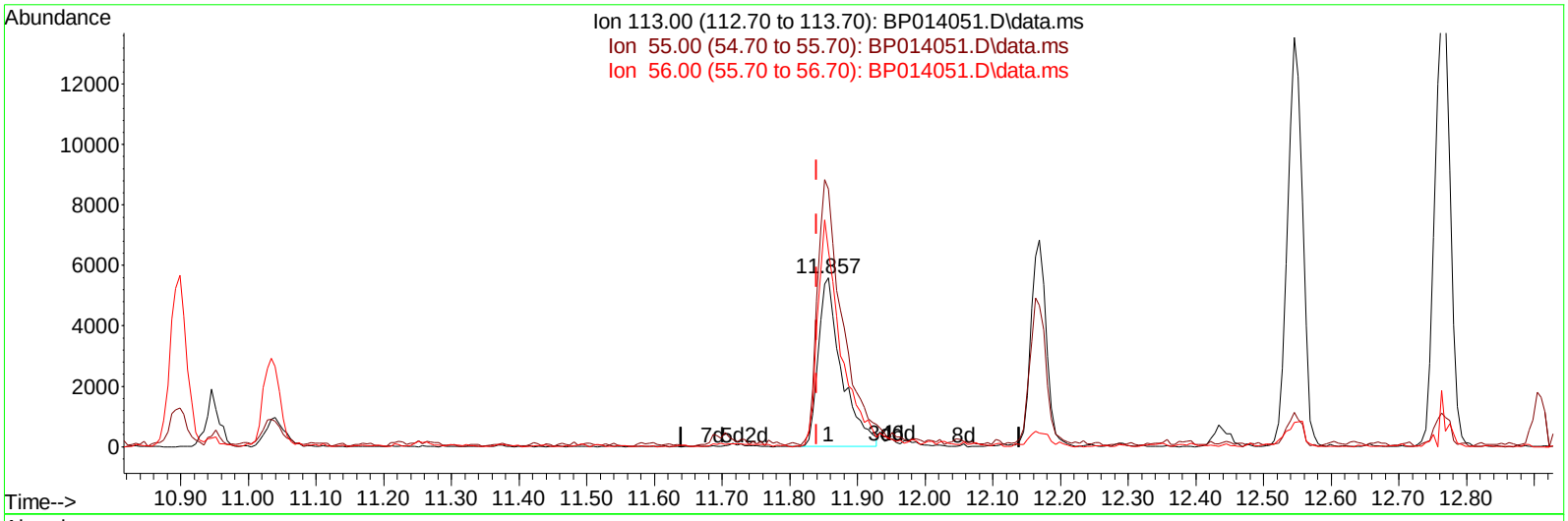

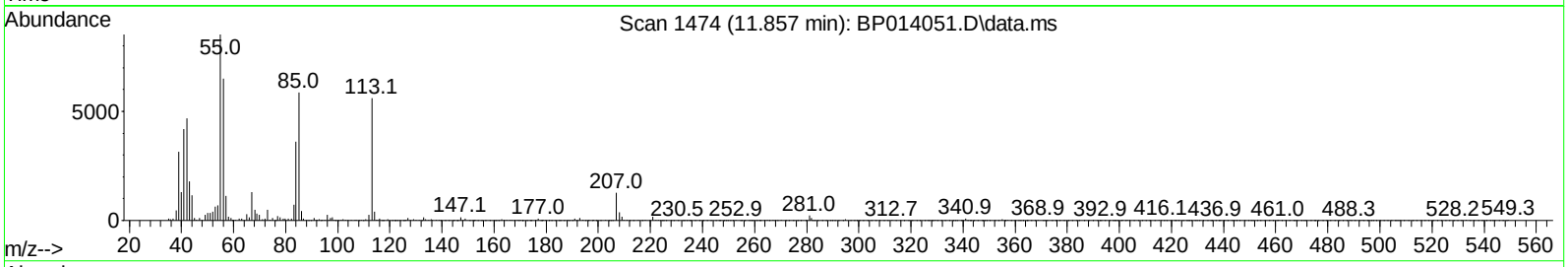

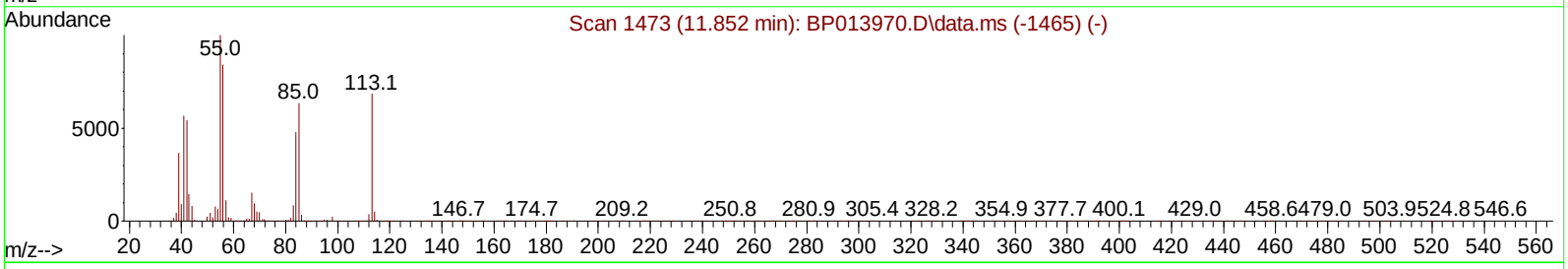

TIC: BP014051.D\data.ms

(34) Caprolactam

11.857min (+ 0.018) 3.08 ng/ul

response 13350

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	152.39
56.00	127.50	116.17
0.00	0.00	0.00

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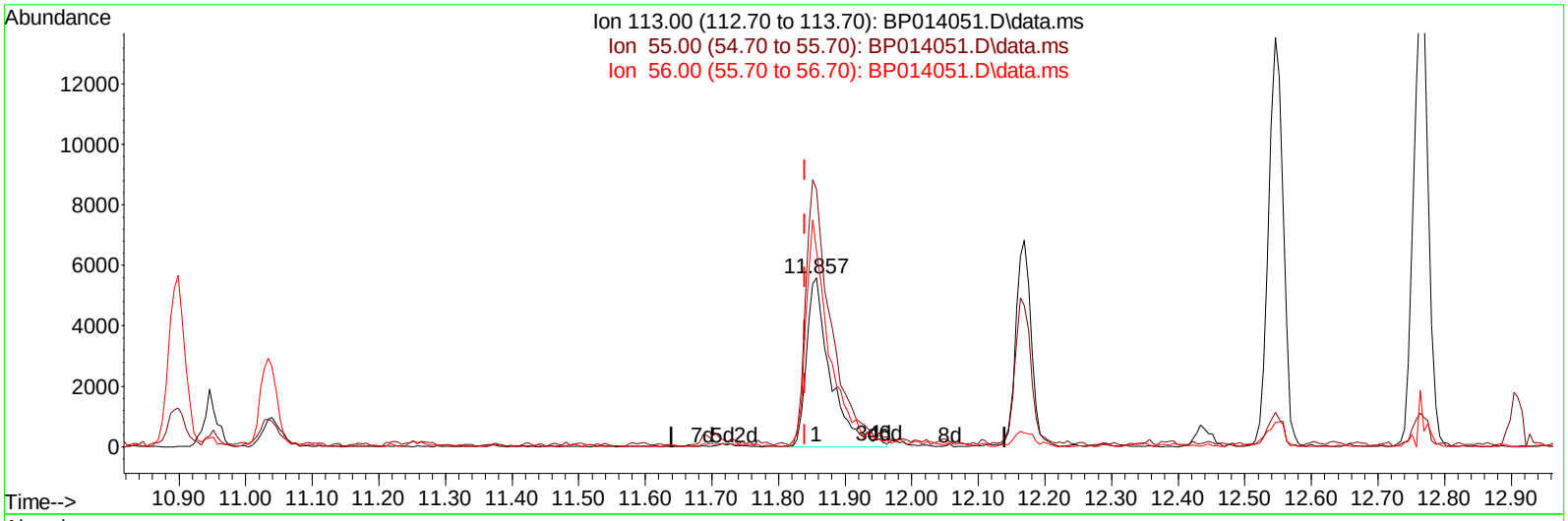

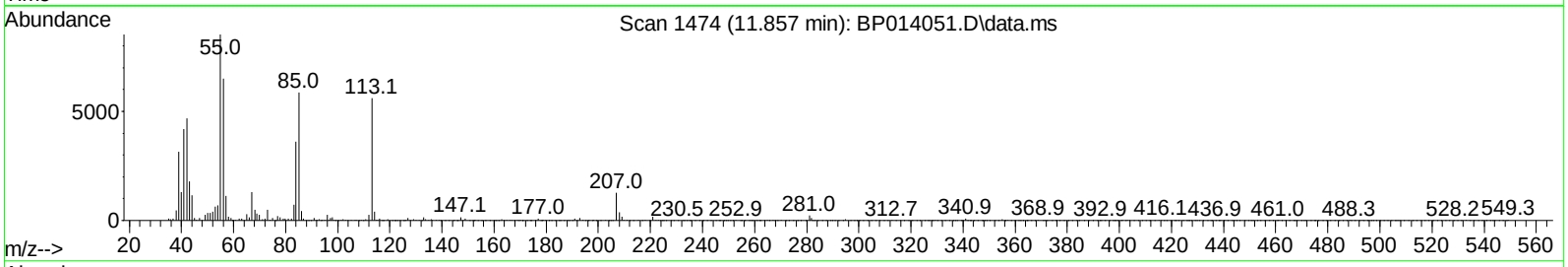

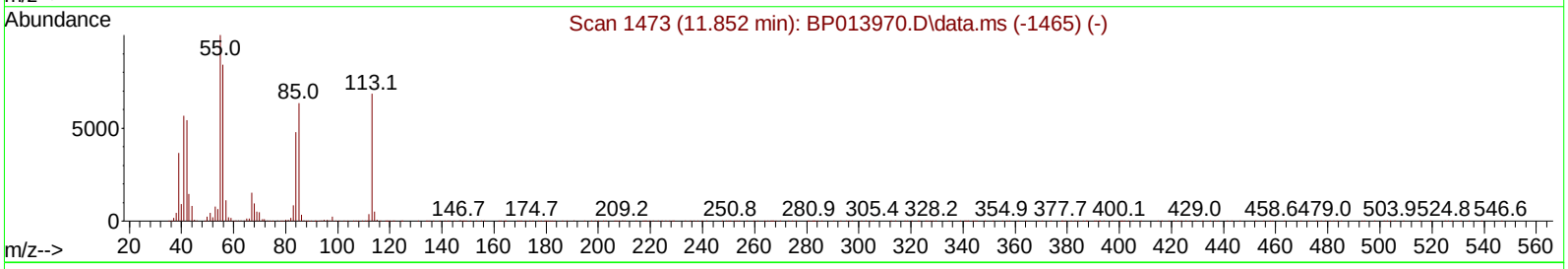

TIC: BP014051.D\data.ms

(34) Caprolactam

11.857min (+ 0.018) 3.22 ng/ul m

response 13923

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	152.39
56.00	127.50	116.17
0.00	0.00	0.00

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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	8.075	152	175168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	751868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	513294	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1190668	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1199627	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1171319	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	17619	3.800	ng/uL	0.00
4) Pyridine-d5	3.870	84	101194	7.883	ng/ul	0.00
7) Phenol-d5	7.222	99	82768	5.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	256254	28.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	232427	19.735	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	161881	12.820	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	164804	27.471	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	182978	25.480	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	316293	23.408	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	382281	21.378	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1209612	27.768	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1272832	27.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	42341	5.516	ng/ul	0.00
60) Fluorene-d10	15.704	176	1017706	27.566	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	242722	26.972	ng/ul	0.00
73) Anthracene-d10	17.569	188	1708003	29.550	ng/ul	0.00
81) Pyrene-d10	19.792	212	2140596	32.353	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	1907942	30.622	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	17706	3.538	ng/uL	93
5) Pyridine	3.887	79	100364	7.710	ng/ul	92
6) Benzaldehyde	7.211	77	268965m	34.969	ng/ul	
8) Phenol	7.252	94	86126	5.403	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.487	93	324527	26.572	ng/ul	97
12) 2-Chlorophenol	7.634	128	232096	19.560	ng/ul	97
13) 2-Methylphenol	8.516	108	176543	14.893	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.605	45	381234	28.905	ng/ul	99
16) Acetophenone	8.905	105	545837	26.759	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.887	70	286140	27.420	ng/ul	97
18) 4-Methylphenol	8.846	108	166817	12.794	ng/ul	98
19) Hexachloroethane	9.163	117	117140	22.540	ng/ul	97
22) Nitrobenzene	9.293	77	433441	27.009	ng/ul	99
23) Isophorone	9.822	82	808982	26.177	ng/ul	99
25) 2-Nitrophenol	10.005	139	181331	24.500	ng/ul	98
26) 2,4-Dimethylphenol	10.057	107	285763	17.640	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.299	93	460923	25.785	ng/ul	99
29) 2,4-Dichlorophenol	10.540	162	294422	22.089	ng/ul	96
30) Naphthalene	10.952	128	1015398	24.593	ng/ul	99
32) 4-Chloroaniline	11.057	127	363480	20.200	ng/ul	100
33) Hexachlorobutadiene	11.228	225	230100	21.694	ng/ul	98
34) Caprolactam	11.857	113	13923m	3.217	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	328975	21.344	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	723321	24.977	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	747082	25.667	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	465029	25.053	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	230307	17.327	ng/ul	99
41) 2,4,6-Trichlorophenol	13.146	196	297822	25.542	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	324971	25.395	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	1035733	26.209	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	821004	26.158	ng/ul	98
45) 2-Nitroaniline	13.798	65	285466	30.752	ng/ul	94
47) Dimethylphthalate	14.163	163	1172848	27.200	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	247818	29.070	ng/ul	99
50) Acenaphthylene	14.440	152	1297032	26.782	ng/ul	100
51) 3-Nitroaniline	14.622	138	213886	28.337	ng/ul	95
52) Acenaphthene	14.781	153	917507	27.100	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	152463	23.949	ng/ul	98
55) 4-Nitrophenol	14.922	109	43344	5.227	ng/ul	87
56) Dibenzofuran	15.110	168	1288345	26.158	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	361750	28.402	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.334	232	321437	26.256	ng/ul	97
59) Diethylphthalate	15.522	149	1215101	27.784	ng/ul	99
61) Fluorene	15.763	166	1094586	26.810	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	588711	26.125	ng/ul	100
63) 4-Nitroaniline	15.787	138	236724	30.511	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	229879	26.775	ng/ul	95
67) N-Nitrosodiphenylamine	15.969	169	945795	28.125	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	398749	27.702	ng/ul	98
69) Hexachlorobenzene	16.769	284	473509	27.916	ng/ul	97
70) Atrazine	16.916	200	384994	26.544	ng/ul	98
71) Pentachlorophenol	17.116	266	284187	25.632	ng/ul	99
72) Phenanthrene	17.510	178	1858902	28.624	ng/ul	100
74) Anthracene	17.604	178	1880932	28.565	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	481663	26.359	ng/uL	99
76) Pentachlorobenzene	15.034	250	511180	26.930	ng/uL	99
77) Carbazole	17.869	167	1698562	29.244	ng/ul	100
78) Di-n-butylphthalate	18.398	149	2162886	29.797	ng/ul	100
80) Fluoranthene	19.463	202	2391266	31.709	ng/ul	99
82) Pyrene	19.816	202	2460709	31.279	ng/ul	98
83) Butylbenzylphthalate	20.669	149	1031839	32.529	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	787950	25.658	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2468980	29.261	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	1476935	31.143	ng/ul	99
87) Chrysene	21.586	228	2327126	28.939	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2495273	33.761	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2396669	30.707	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2375750	31.921	ng/ul	100
93) Benzo(a)pyrene	23.974	252	1994518	29.380	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.751	276	2396185	26.663	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2003134	26.818	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	1860370	25.899	ng/ul	98

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

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