Quantitation Report (Qedit)

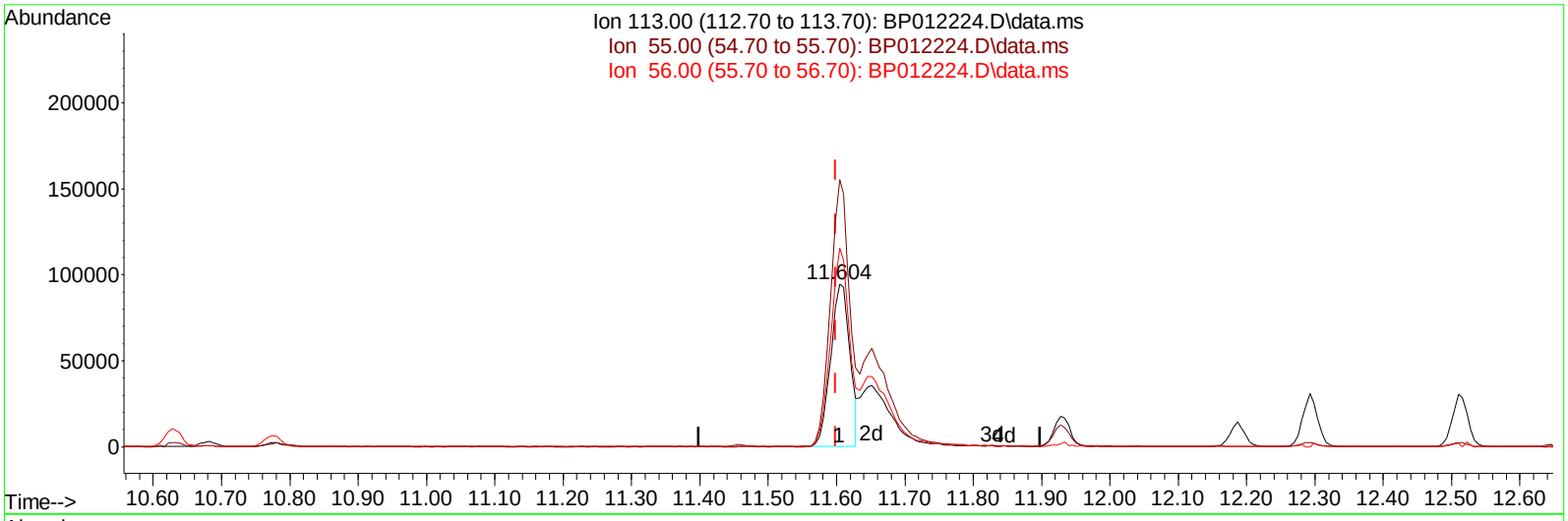
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012224.D
Acq On : 20 Oct 2022 21:06
Operator : CG/JU
Sample : PB148441BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

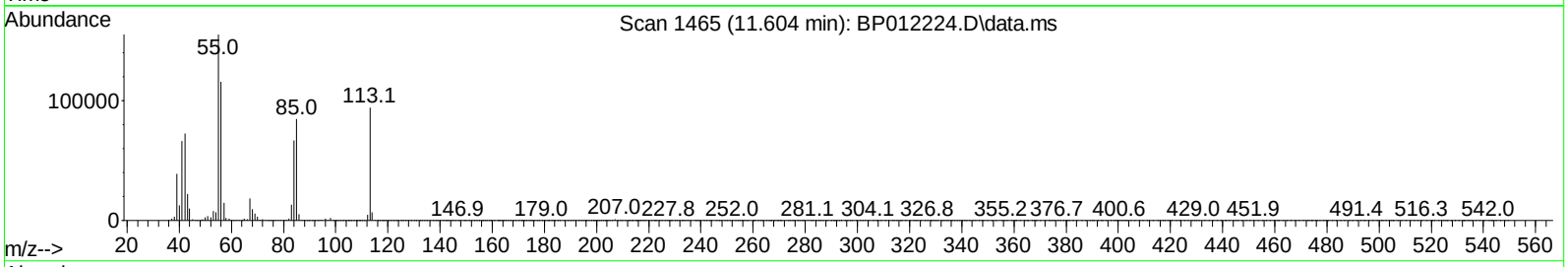
Quant Time: Oct 20 23:26:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

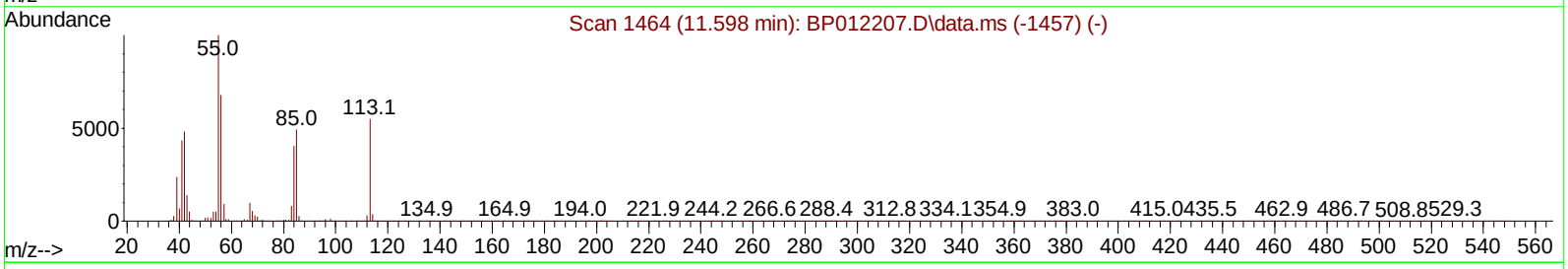
Instrument :
BNA_P
ClientSampleId :
SLCS441

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022







TIC: BP012224.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 21.52 ng/ul

response 184759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	164.32
56.00	119.30	122.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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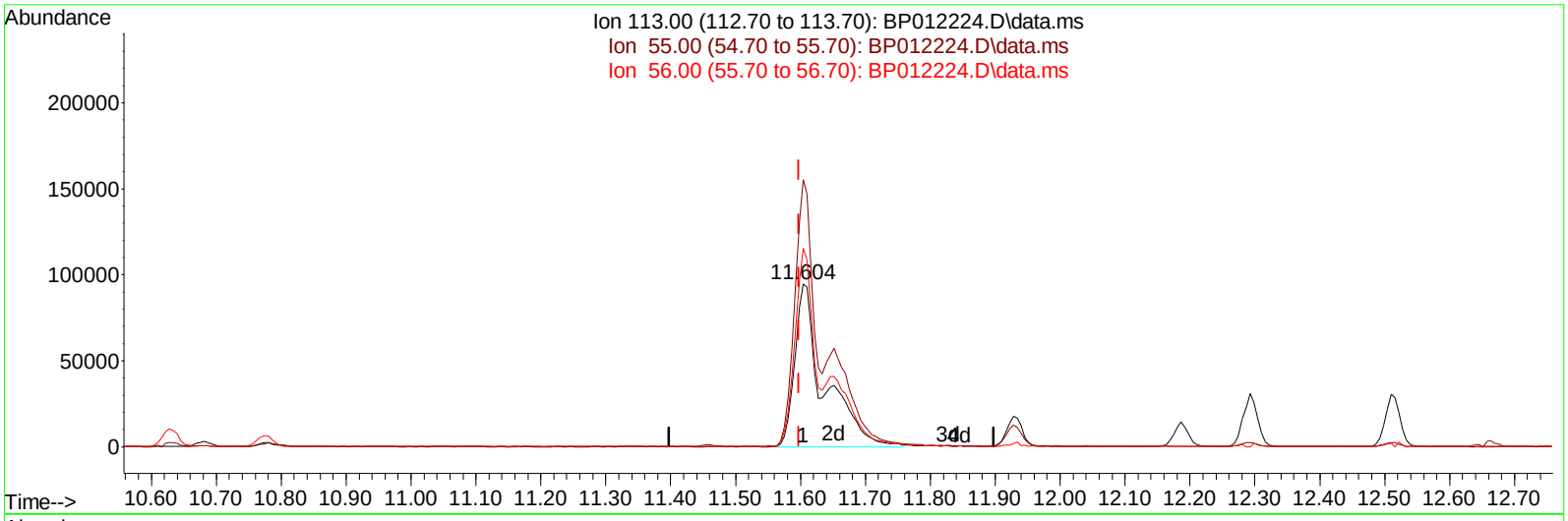

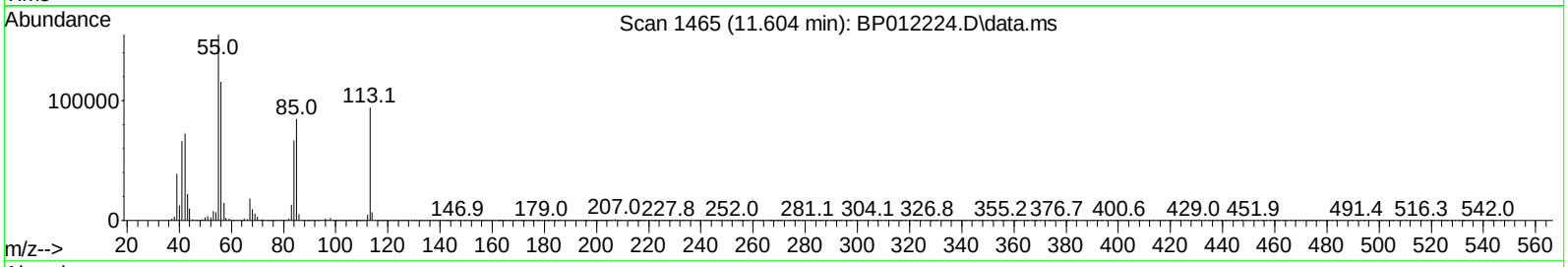

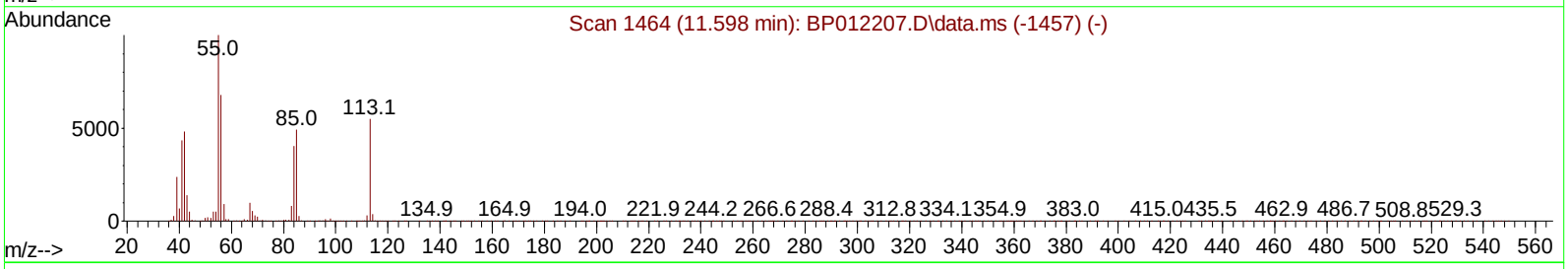

TIC: BP012224.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 34.65 ng/ul m

response 297422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	164.32
56.00	119.30	122.32
0.00	0.00	0.00

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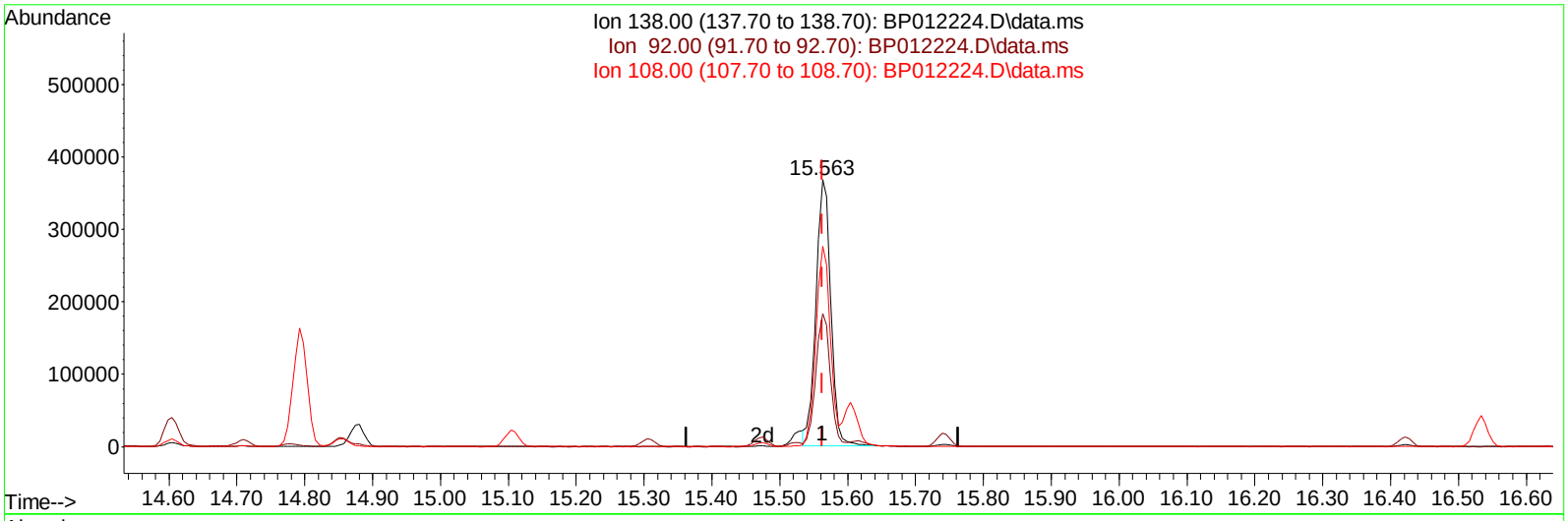

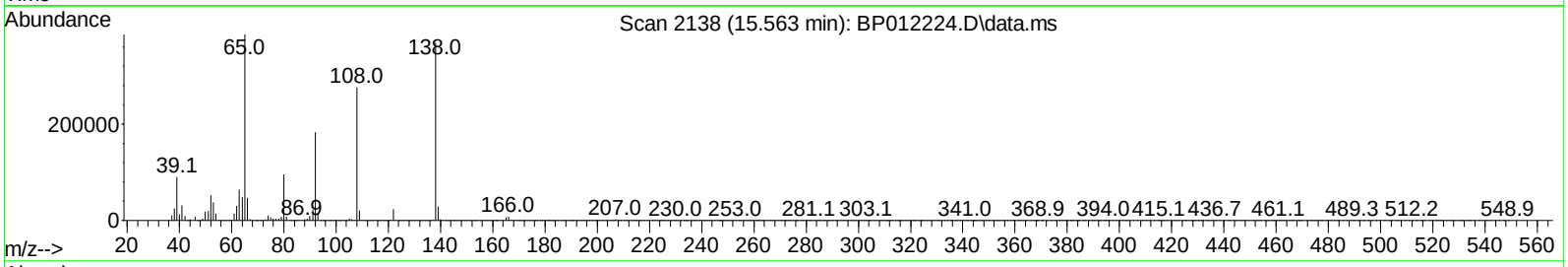

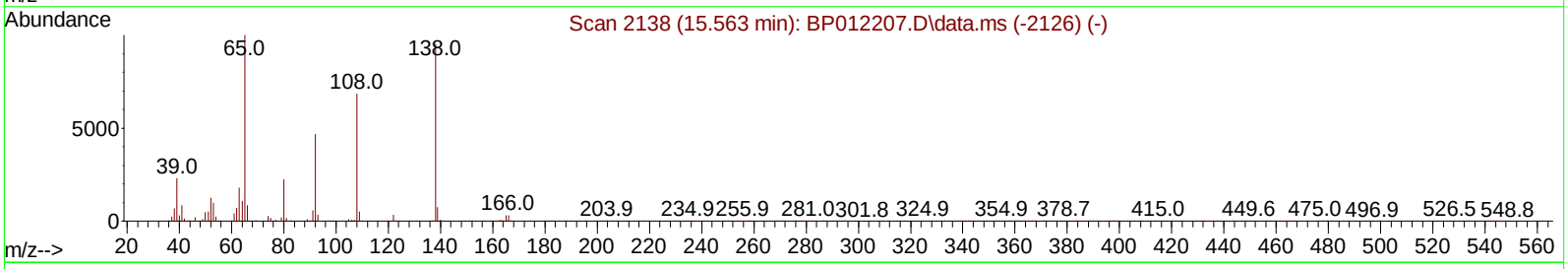

TIC: BP012224.D\data.ms

(63) 4-Nitroaniline

15.563min (+ 0.000) 37.01 ng/ul

response 557919

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	49.78
108.00	71.30	75.00
0.00	0.00	0.00

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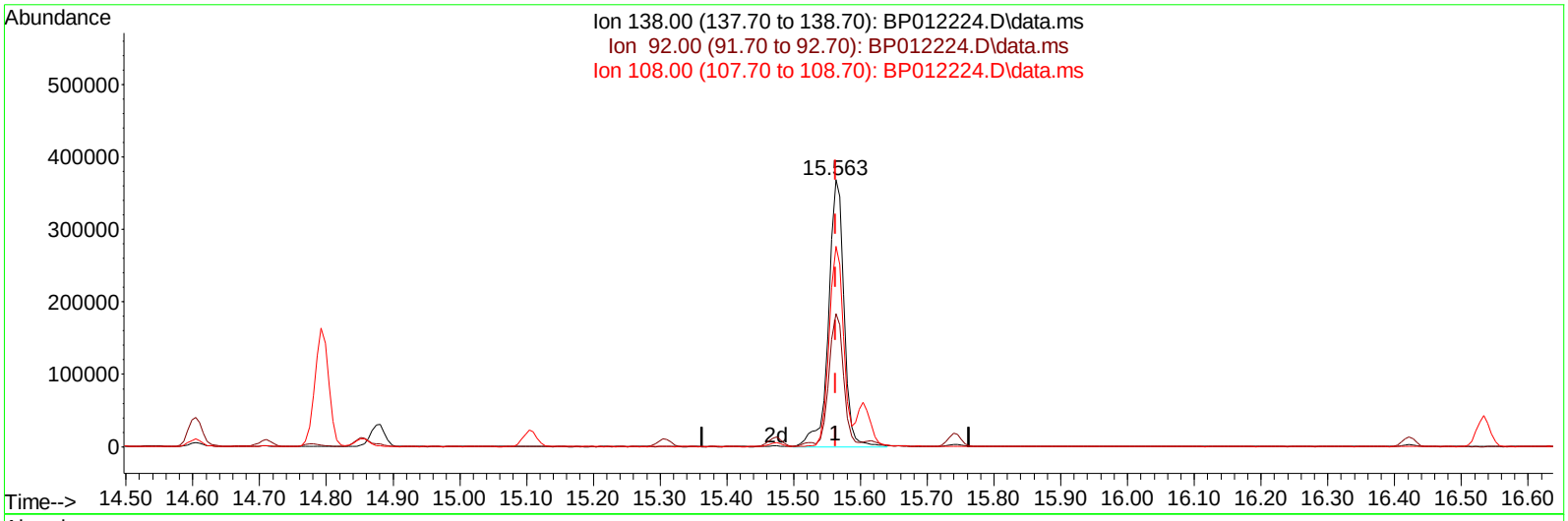

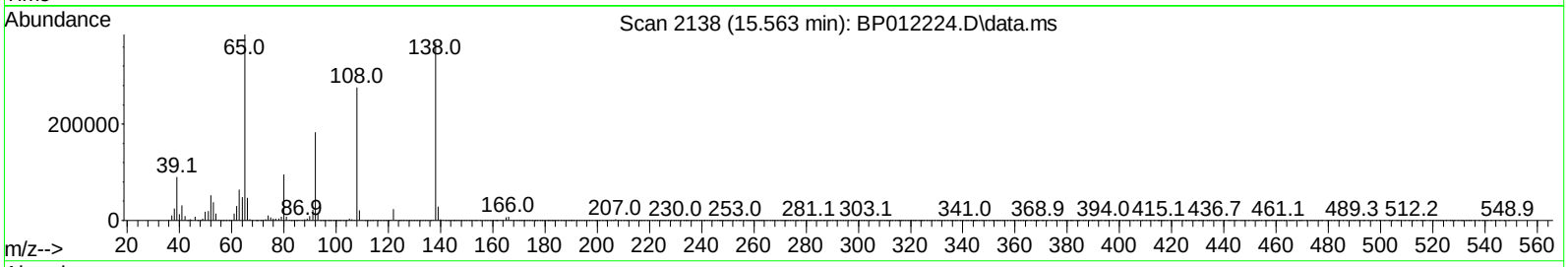

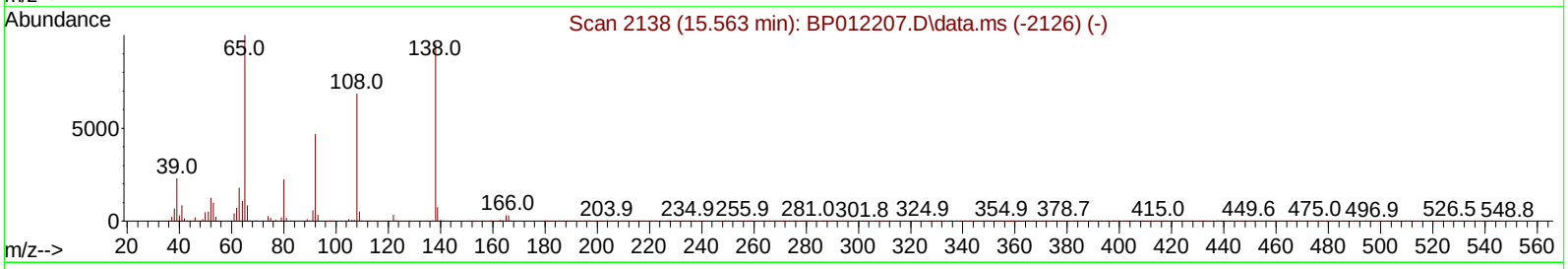

TIC: BP012224.D\data.ms

(63) 4-Nitroaniline

15.563min (+ 0.000) 39.46 ng/ul m

response 594867

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	49.78
108.00	71.30	75.00
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	7.822	152	411760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1783735	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1090790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2178093	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1507423	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1575606	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	58965	5.795	ng/uL	0.00
4) Pyridine-d5	3.681	84	846337	28.868	ng/ul	0.00
7) Phenol-d5	6.999	99	1191128	33.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	676783	31.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	936076	34.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	940785	34.052	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	472645	35.797	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	534729	37.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	944780	35.358	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1217785	32.077	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	2601871	34.291	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2990203	34.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	481506	33.873	ng/ul	0.00
60) Fluorene-d10	15.475	176	2177404	33.356	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	383000	30.910	ng/ul	0.00
73) Anthracene-d10	17.339	188	3254144	34.085	ng/ul	0.00
81) Pyrene-d10	19.574	212	3245521	37.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2735686	34.623	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	120469	11.002	ng/uL	98
5) Pyridine	3.699	79	801909	27.828	ng/ul	98
6) Benzaldehyde	6.969	77	645090	38.609	ng/ul	97
8) Phenol	7.022	94	1167129	31.383	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.257	93	912187	30.389	ng/ul	98
12) 2-Chlorophenol	7.387	128	948689	32.495	ng/ul	99
13) 2-Methylphenol	8.275	108	888008	31.716	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1120075	28.060	ng/ul	98
16) Acetophenone	8.657	105	1380624	32.350	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.646	70	680167	31.485	ng/ul	98
18) 4-Methylphenol	8.610	108	970569	31.830	ng/ul	99
19) Hexachloroethane	8.899	117	365391	31.685	ng/ul	96
22) Nitrobenzene	9.040	77	1022838	31.795	ng/ul	96
23) Isophorone	9.569	82	1976320	32.008	ng/ul	99
25) 2-Nitrophenol	9.746	139	553669	34.209	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	1004048	31.472	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.046	93	1246533	30.839	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	907056	32.803	ng/ul	99
30) Naphthalene	10.681	128	2961382	31.042	ng/ul	99
32) 4-Chloroaniline	10.798	127	1169346	29.841	ng/ul	99
33) Hexachlorobutadiene	10.957	225	583606	33.556	ng/ul	99
34) Caprolactam	11.604	113	297422m	34.649	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	970348	32.503	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.293	142	2001033	30.829	ng/ul	99
37) 1-Methylnaphthalene	12.510	142	1987926	30.672	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1082614	32.664	ng/ul	100
40) Hexachlorocyclopentadiene	12.634	237	409187	23.221	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	732754	34.256	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	800752	34.316	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	2592885	31.961	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	2046600	31.819	ng/ul	100
45) 2-Nitroaniline	13.563	65	586917	34.323	ng/ul	98
47) Dimethylphthalate	13.939	163	2577676	32.420	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	554396	36.440	ng/ul	99
50) Acenaphthylene	14.198	152	3146429	32.604	ng/ul	100
51) 3-Nitroaniline	14.398	138	575537	35.839	ng/ul	92
52) Acenaphthene	14.539	153	2142929	31.399	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	254409	27.849	ng/ul	95
55) 4-Nitrophenol	14.710	109	348651	33.013	ng/ul	90
56) Dibenzofuran	14.875	168	2951142	31.587	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	773477	35.624	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	676305	34.283	ng/ul	99
59) Diethylphthalate	15.304	149	2588096	33.118	ng/ul	99
61) Fluorene	15.528	166	2322836	31.381	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	1183953	32.096	ng/ul	96
63) 4-Nitroaniline	15.563	138	594867m	39.460	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	381441	29.325	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	2095697	33.151	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	816743	35.417	ng/ul	99
69) Hexachlorobenzene	16.533	284	937207	34.477	ng/ul	99
70) Atrazine	16.704	200	765209	34.674	ng/ul	100
71) Pentachlorophenol	16.886	266	539242	32.863	ng/ul	98
72) Phenanthrene	17.280	178	3711961	31.709	ng/ul	100
74) Anthracene	17.375	178	3711878	32.047	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	1126053	34.646	ng/uL	99
76) Pentachlorobenzene	14.792	250	1092317	31.906	ng/uL	100
77) Carbazole	17.651	167	3312047	32.401	ng/ul	100
78) Di-n-butylphthalate	18.192	149	4392449	35.820	ng/ul	99
80) Fluoranthene	19.251	202	3954940	37.292	ng/ul	96
82) Pyrene	19.604	202	3865390	35.624	ng/ul	94
83) Butylbenzylphthalate	20.474	149	1728299	40.953	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.251	252	1001199	30.495	ng/ul	98
85) Benzo(a)anthracene	21.316	228	3234348	32.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2392936	40.472	ng/ul	99
87) Chrysene	21.368	228	3026215	33.009	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	3778484	34.672	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	3202661	30.500	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	3245275	31.354	ng/ul	98
93) Benzo(a)pyrene	23.627	252	2888393	32.167	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.239	276	3893627	37.458	ng/ul	98
95) Dibenzo(a,h)anthracene	26.256	278	3375653	36.022	ng/ul	99
96) Benzo(g,h,i)perylene	27.009	276	3255862	33.360	ng/ul	98

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

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