Quantitation Report (Qedit)

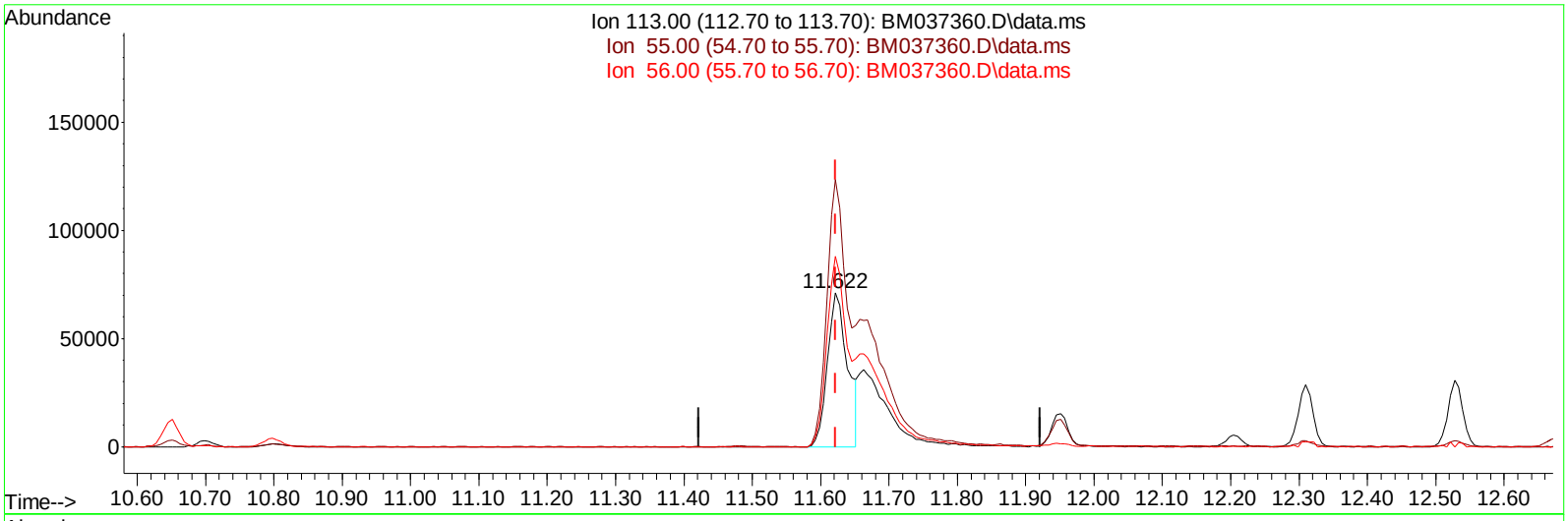
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
Data File : BM037360.D
Acq On : 03 Nov 2022 23:13
Operator : CG/JU
Sample : PB148651BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

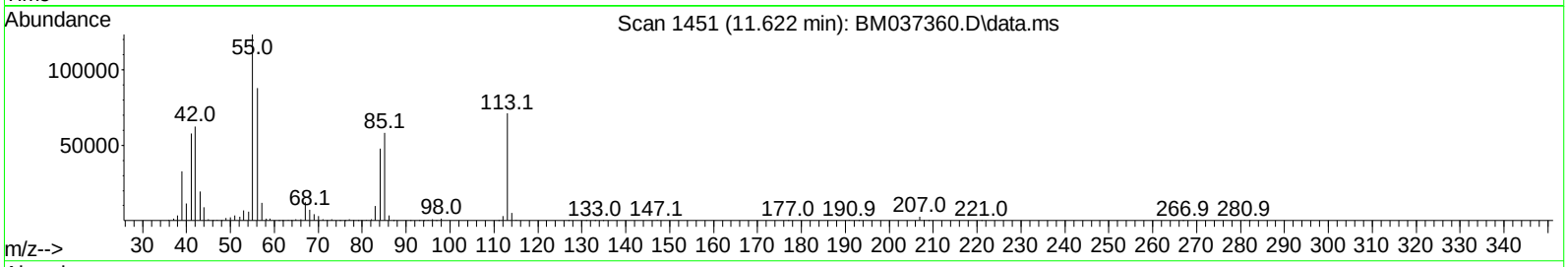
Quant Time: Nov 04 01:08:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

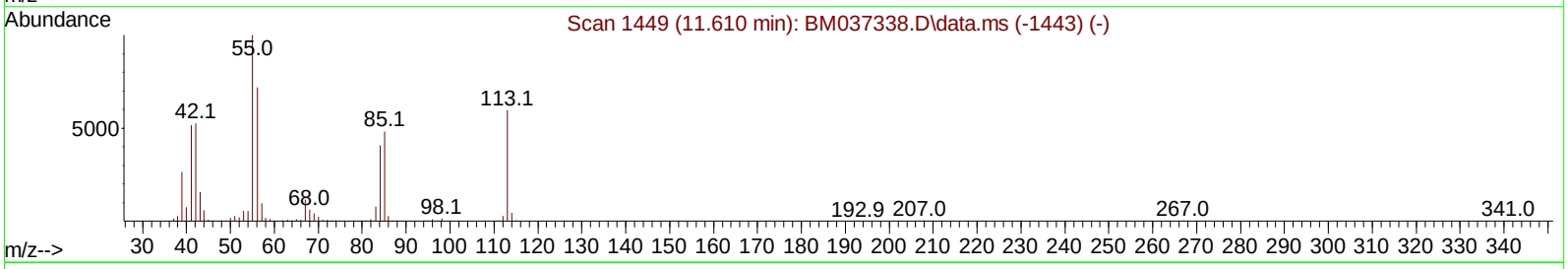
Instrument :
BNA_M
ClientSampleId :
SLCS651

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Jagrut Upadhyay 11/07/2022







TIC: BM037360.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 16.19 ng/ul

response 145609

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	173.50
56.00	121.30	123.57
0.00	0.00	0.00

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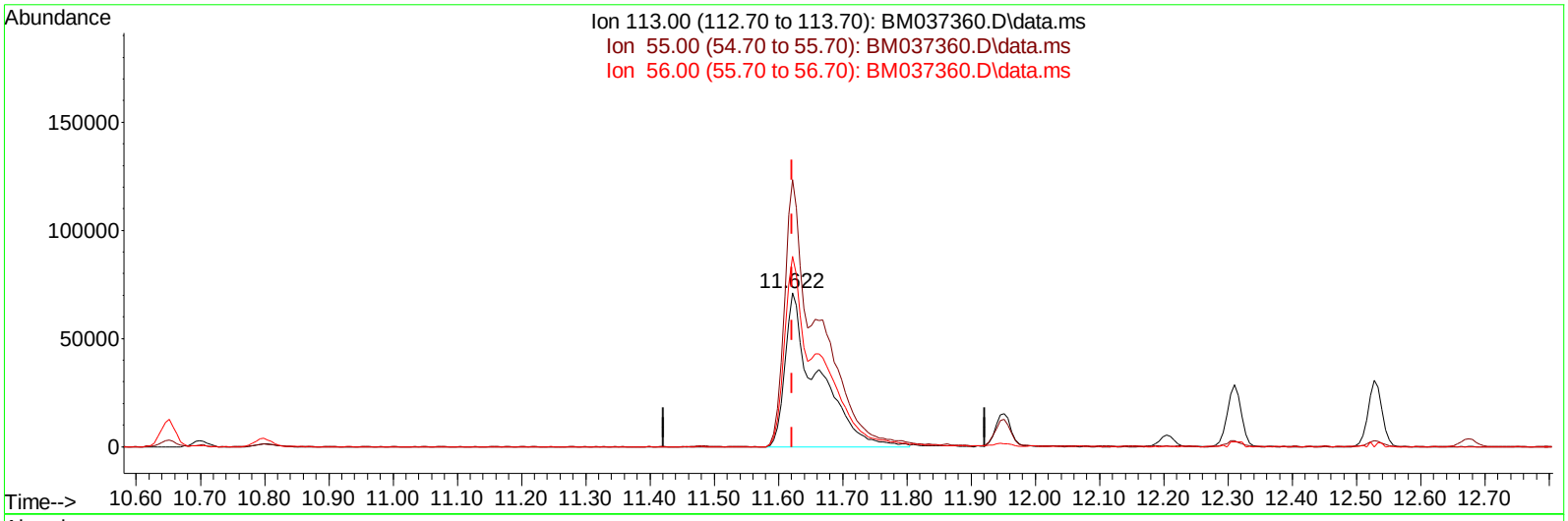

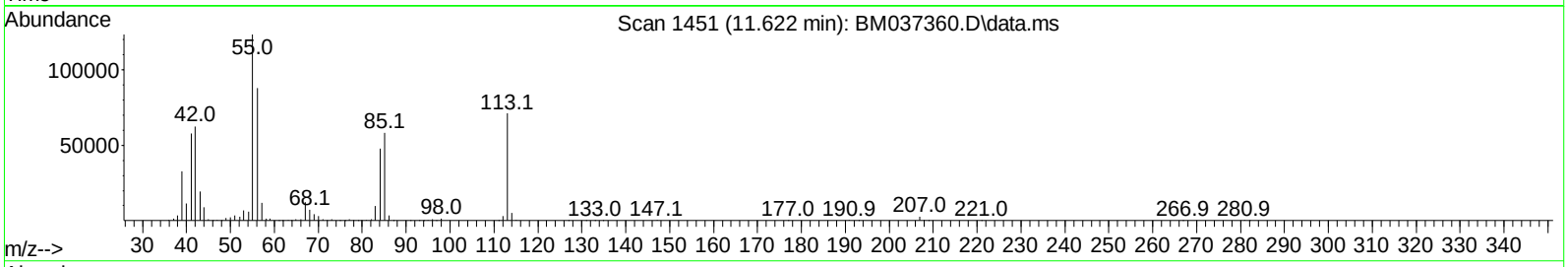

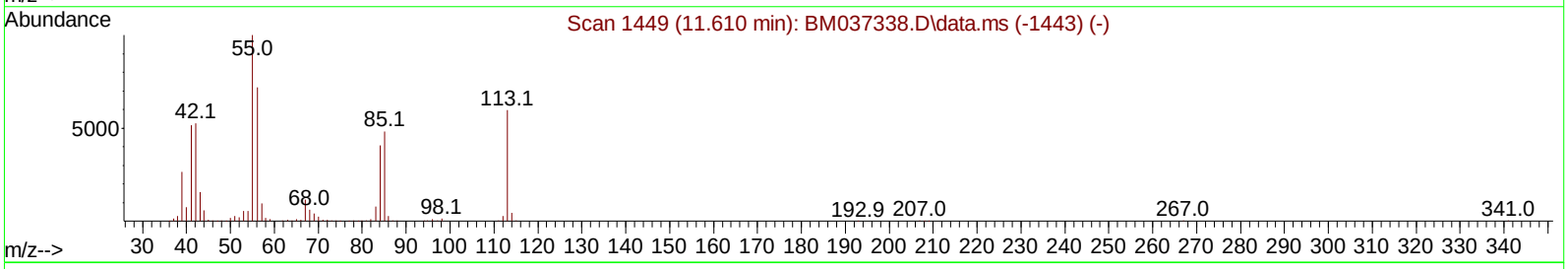

TIC: BM037360.D\data.ms

(34) Caprolactam

11.622min (+ 0.000) 27.96 ng/ul m

response 251499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	173.50
56.00	121.30	123.57
0.00	0.00	0.00

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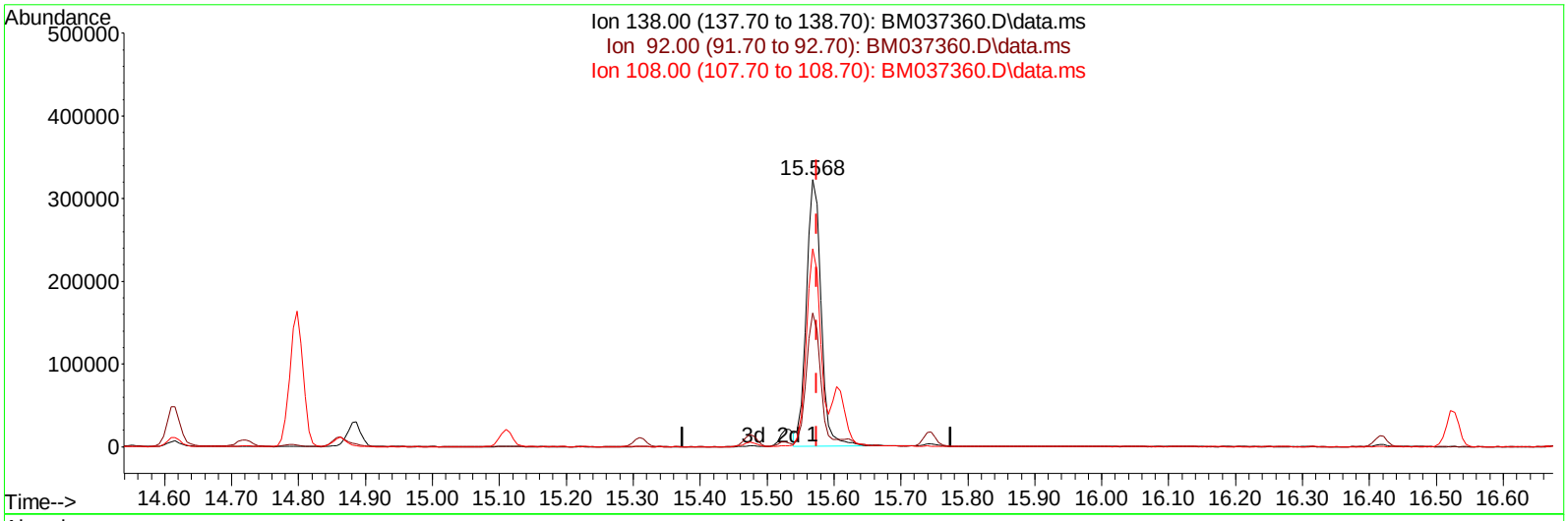

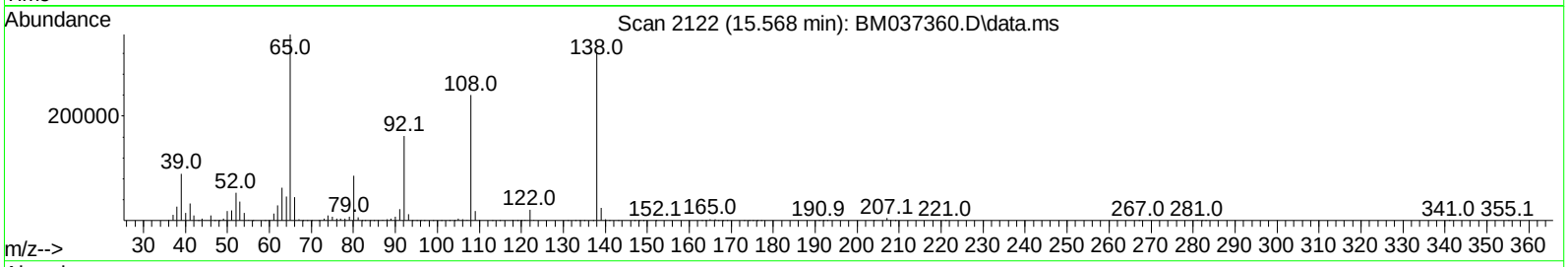

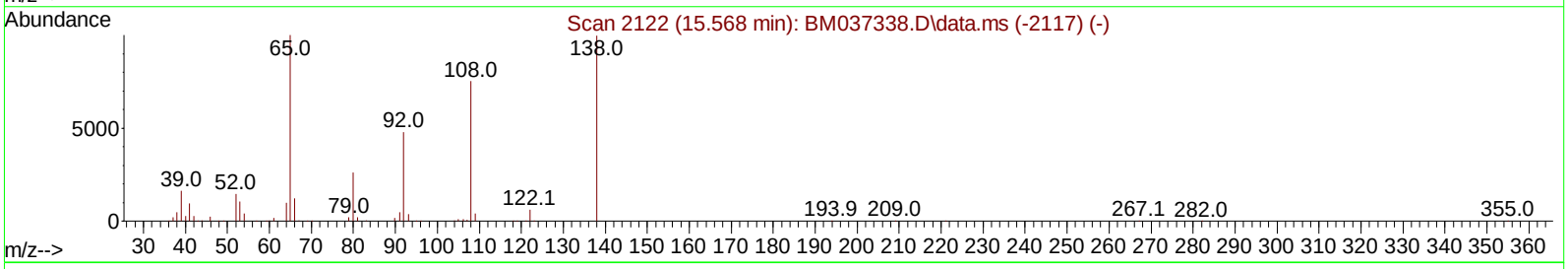

TIC: BM037360.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 30.55 ng/ul

response 493134

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	50.17
108.00	71.20	74.24
0.00	0.00	0.00

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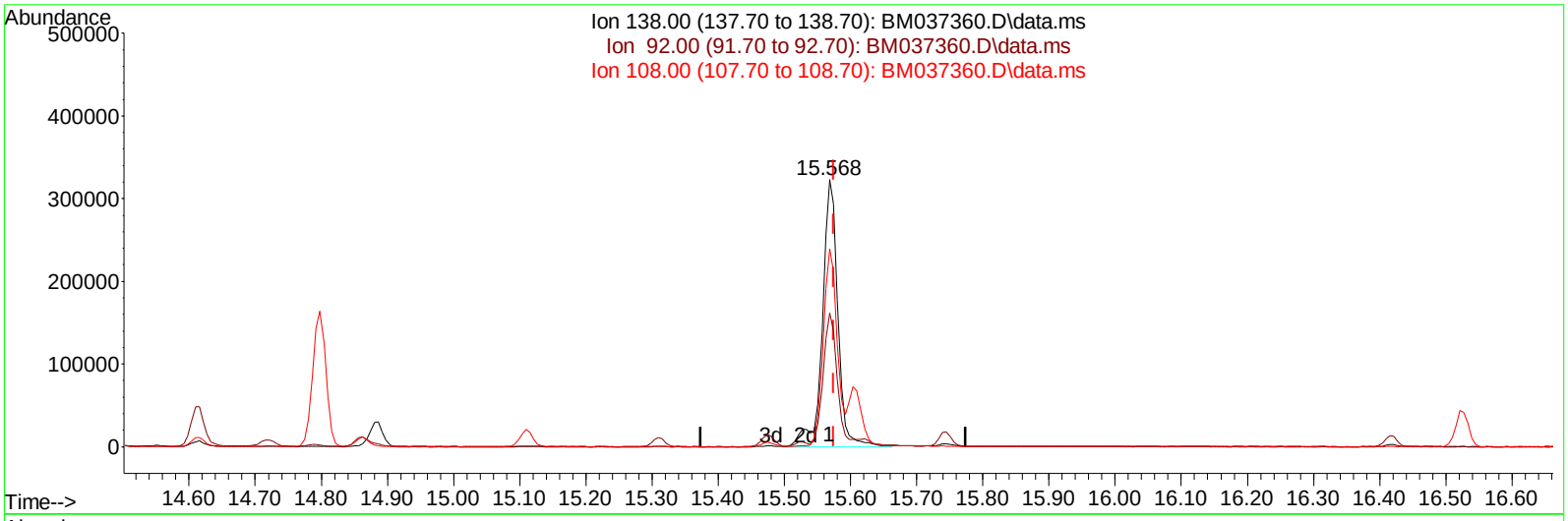

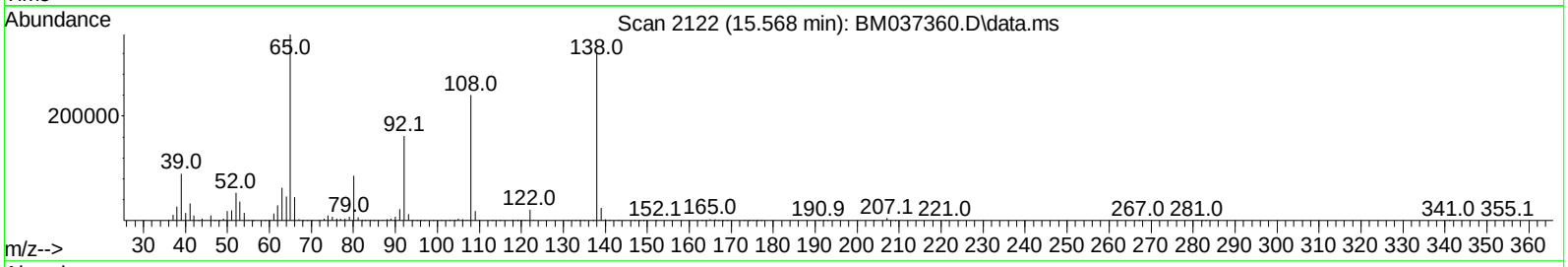

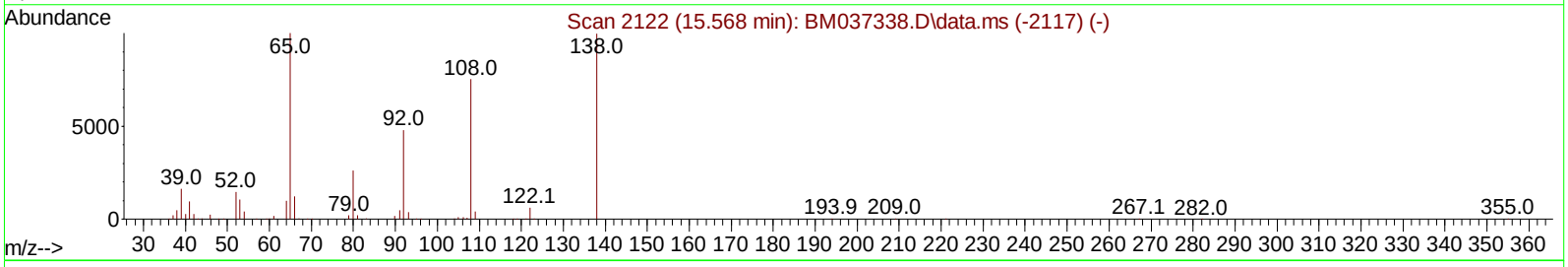

TIC: BM037360.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 32.77 ng/ul m

response 528936

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	50.17
108.00	71.20	74.24
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	7.851	152	395210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1770835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	1115732	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2225832	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	2061097	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1677239	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	53995	6.023	ng/uL	0.00
4) Pyridine-d5	3.693	84	458217	17.121	ng/ul	0.00
7) Phenol-d5	7.022	99	1094766	31.830	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	674575	31.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	892574	33.966	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	907847	32.324	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	456306	34.496	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	502036	34.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	913085	34.372	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	659477	16.245	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2533198	32.837	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	3137537	33.830	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	487872	31.639	ng/ul	0.00
60) Fluorene-d10	15.474	176	2292827	33.329	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	439130	31.148	ng/ul	0.00
73) Anthracene-d10	17.327	188	3426421	33.425	ng/ul	0.00
81) Pyrene-d10	19.609	212	3819902	35.467	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.591	264	3008506	34.846	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	103980	11.039	ng/uL	98
5) Pyridine	3.710	79	677284	25.266	ng/ul	97
6) Benzaldehyde	6.993	77	560358	35.217	ng/ul	96
8) Phenol	7.051	94	1020112	28.189	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	820591	28.265	ng/ul	99
12) 2-Chlorophenol	7.416	128	856686	30.128	ng/ul	100
13) 2-Methylphenol	8.298	108	779485	28.233	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1160743	28.150	ng/ul	98
16) Acetophenone	8.681	105	1280573	28.430	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	653425	29.206	ng/ul	99
18) 4-Methylphenol	8.634	108	880599	28.955	ng/ul	99
19) Hexachloroethane	8.922	117	347929	30.831	ng/ul	98
22) Nitrobenzene	9.063	77	969839	30.377	ng/ul	98
23) Isophorone	9.592	82	1777534	28.866	ng/ul	100
25) 2-Nitrophenol	9.769	139	501956	30.479	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	865922	27.963	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1137601	29.714	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	827650	30.275	ng/ul	99
30) Naphthalene	10.698	128	2786876	29.497	ng/ul	100
32) 4-Chloroaniline	10.822	127	1053131	25.035	ng/ul	99
33) Hexachlorobutadiene	10.975	225	495648	29.440	ng/ul	99
34) Caprolactam	11.622	113	251499m	27.956	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	840579	29.643	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	12.310	142	1889781	28.963	ng/ul	100
37) 1-Methylnaphthalene	12.527	142	1922226	29.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	995084	29.716	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	507720	27.121	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	625508	28.936	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	687527	29.538	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	2518108	30.366	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1992049	29.895	ng/ul	99
45) 2-Nitroaniline	13.580	65	558874	31.808	ng/ul	99
47) Dimethylphthalate	13.951	163	2396259	29.161	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	502498	31.231	ng/ul	96
50) Acenaphthylene	14.210	152	3053673	30.124	ng/ul	100
51) 3-Nitroaniline	14.410	138	520113	29.956	ng/ul	99
52) Acenaphthene	14.551	153	2133152	29.573	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	279773	25.894	ng/ul	99
55) 4-Nitrophenol	14.721	109	325081	28.669	ng/ul	99
56) Dibenzofuran	14.886	168	2855125	29.315	ng/ul	100
57) 2,4-Dinitrotoluene	14.863	165	715622	30.355	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	533839	26.344	ng/ul	100
59) Diethylphthalate	15.310	149	2374187	29.008	ng/ul	99
61) Fluorene	15.533	166	2460616	29.868	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	1200719	29.657	ng/ul	98
63) 4-Nitroaniline	15.568	138	528936m	32.767	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	411371	27.468	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1990245	30.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	710845	30.020	ng/ul	98
69) Hexachlorobenzene	16.527	284	870774	30.132	ng/ul	96
70) Atrazine	16.698	200	211044	9.035	ng/ul	98
71) Pentachlorophenol	16.874	266	423197	23.930	ng/ul	97
72) Phenanthrene	17.268	178	3719119	29.883	ng/ul	100
74) Anthracene	17.357	178	3697863	29.531	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	1024718	31.770	ng/uL	99
76) Pentachlorobenzene	14.798	250	985763	28.088	ng/uL	99
77) Carbazole	17.633	167	3299590	29.208	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3974445	30.537	ng/ul	100
80) Fluoranthene	19.280	202	4209239	31.760	ng/ul	99
82) Pyrene	19.645	202	4378138	31.357	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1731634	31.932	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.321	252	1333117	27.908	ng/ul	99
85) Benzo(a)anthracene	21.380	228	4082087	30.861	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	2521313	33.344	ng/ul	99
87) Chrysene	21.433	228	3775537	30.335	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	3879608	31.793	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	3612653	30.962	ng/ul	100
91) Benzo(k)fluoranthene	23.074	252	3501997	30.655	ng/ul	100
93) Benzo(a)pyrene	23.639	252	2983363	30.573	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.168	276	3319610	31.786	ng/ul	99
95) Dibenzo(a,h)anthracene	26.180	278	2863638	30.491	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	2693191	30.098	ng/ul	99

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

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