Quantitation Report (Qedit)

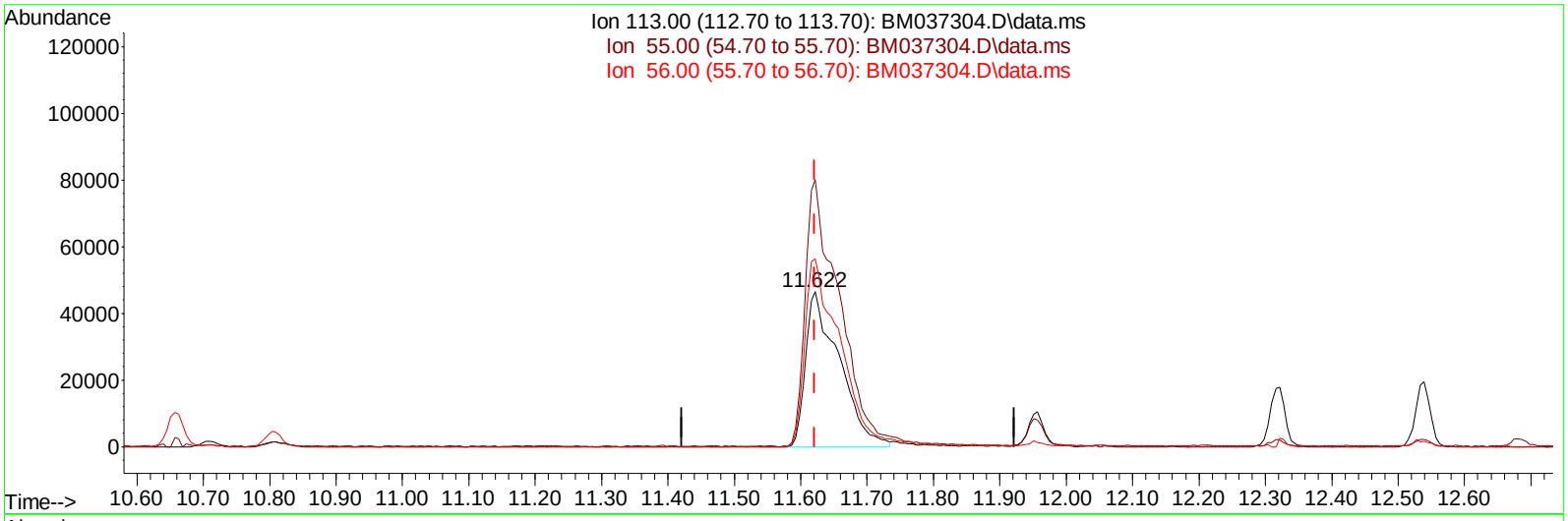
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110122\
Data File : BM037304.D
Acq On : 01 Nov 2022 12:00
Operator : CG/JU
Sample : SSTD02086
Misc :
ALS Vial : 4 Sample Multiplier: 1

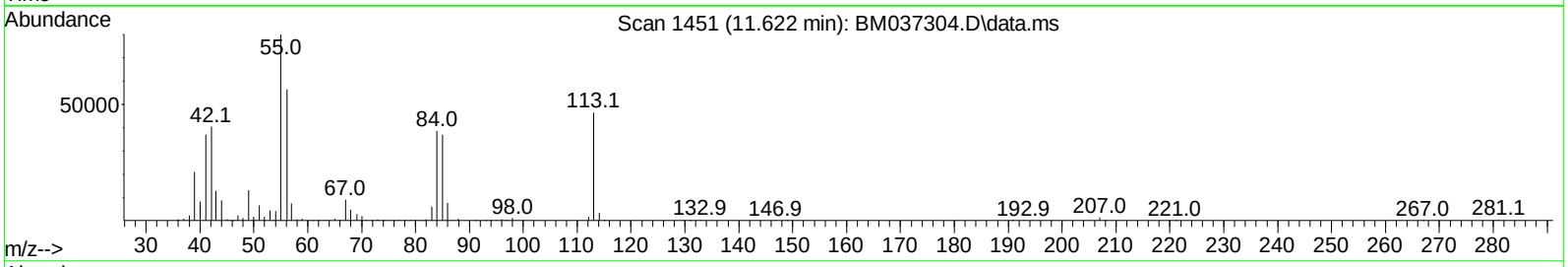
Quant Time: Nov 02 02:49:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 02:46:21 2022
Response via : Initial Calibration

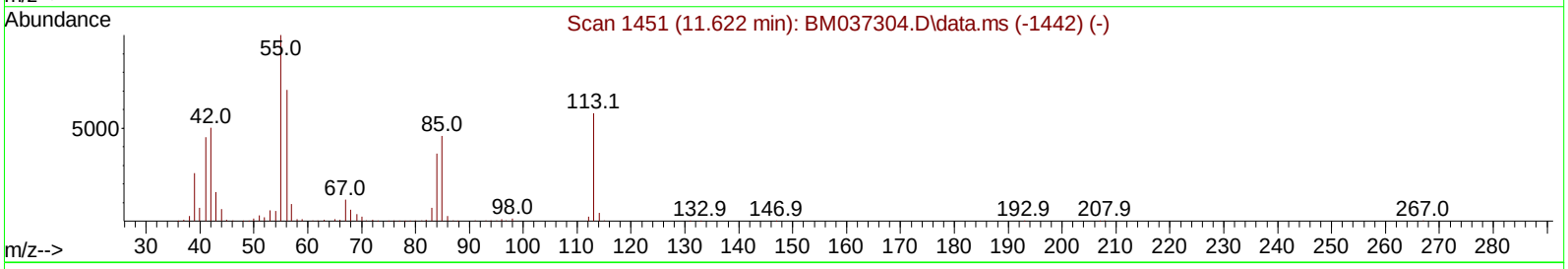
Instrument :
BNA_M
ClientSampleId :
SSTD020035

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
Supervised By :mohammad ahmed 11/04/2022







TIC: BM037304.D\data.ms

(34) Caprolactam

11.622min (0.000) 18.66 ng/ul

response 162970

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	172.08
56.00	121.30	121.33
0.00	0.00	0.00

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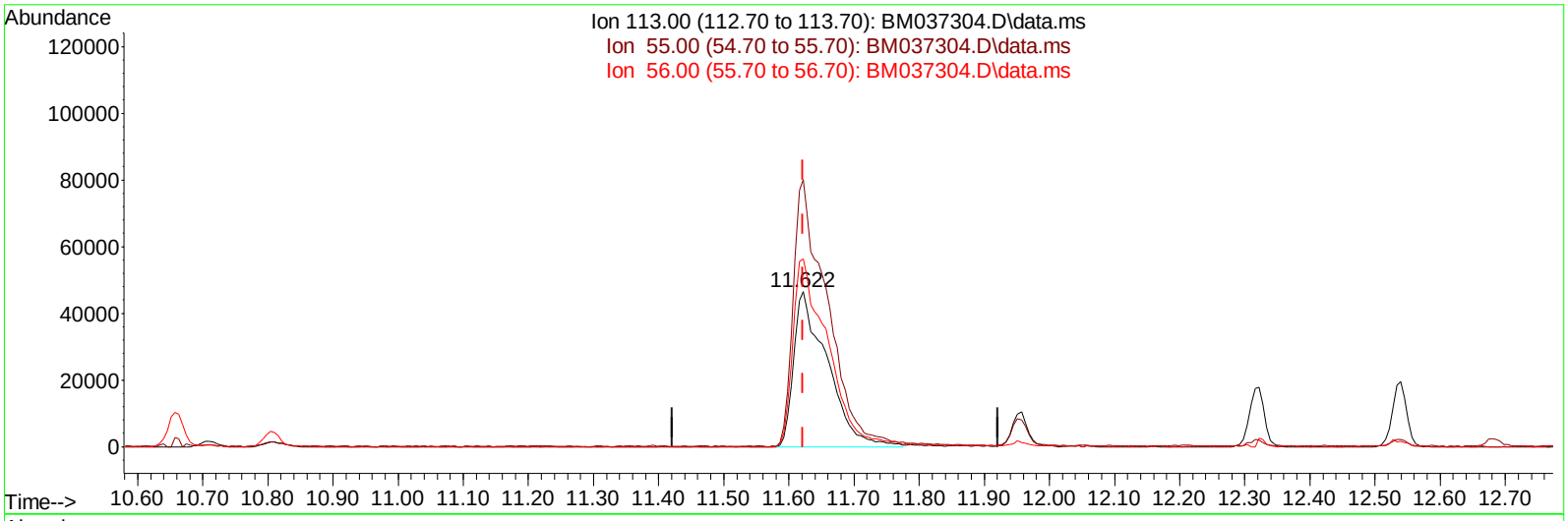

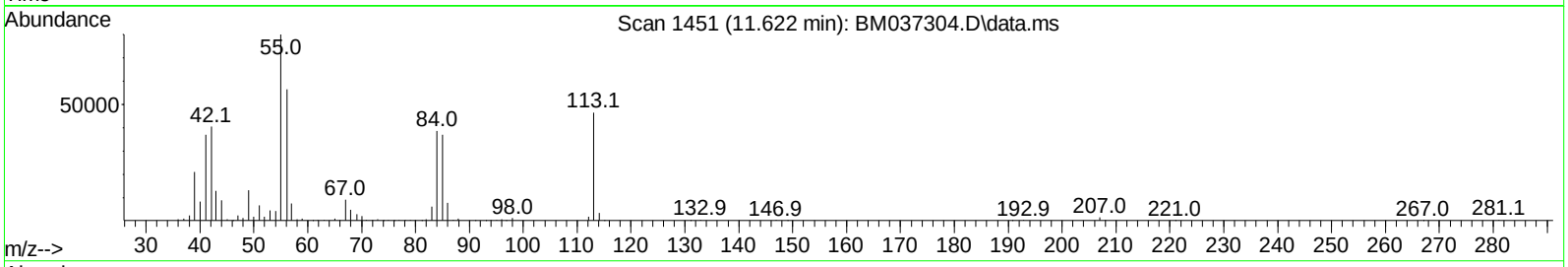

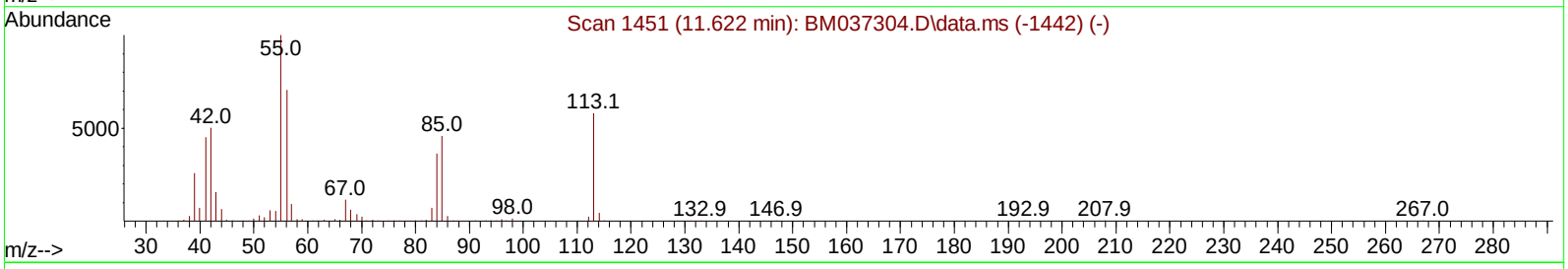

TIC: BM037304.D\data.ms

(34) Caprolactam

11.622min (0.000) 18.96 ng/ul m

response 165644

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	172.08
56.00	121.30	121.33
0.00	0.00	0.00

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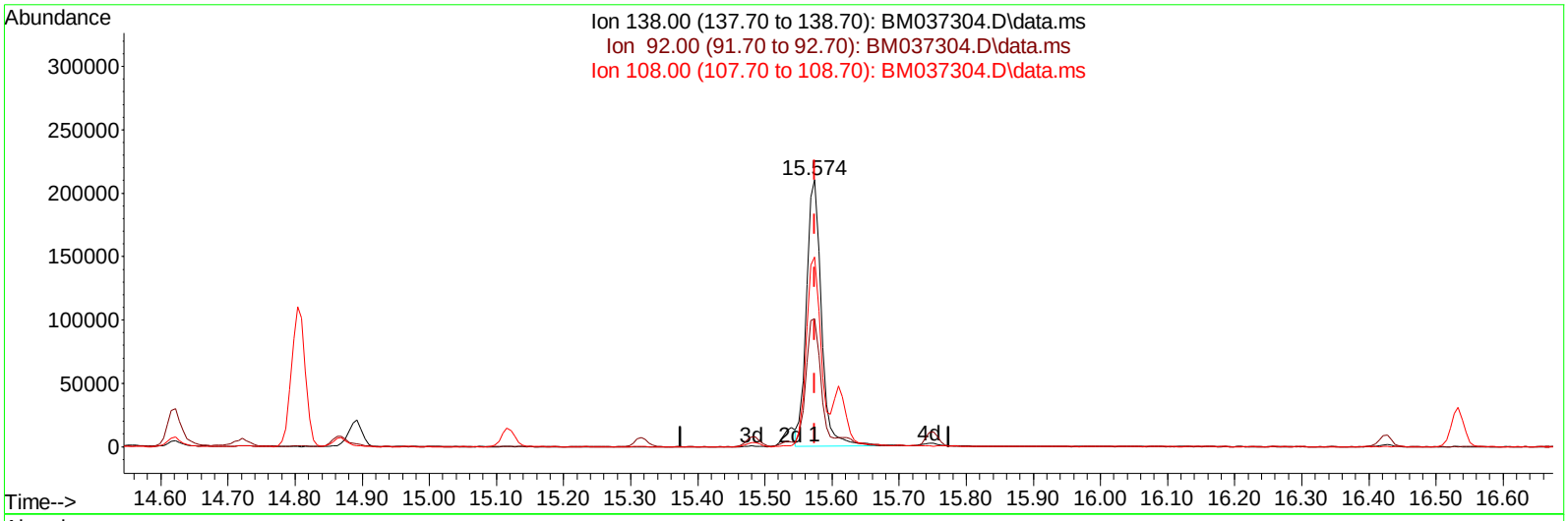

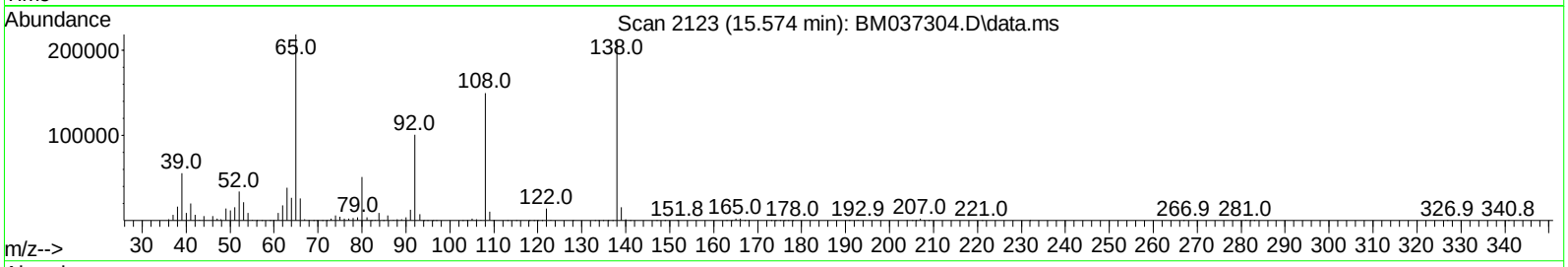

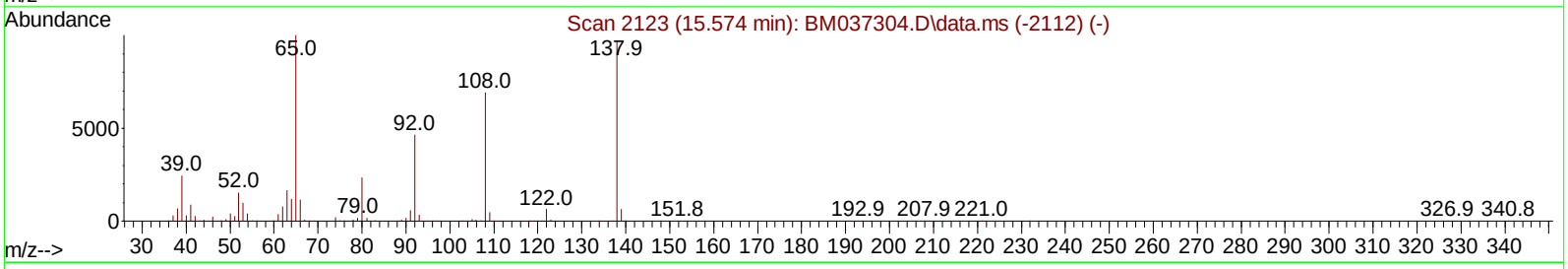

TIC: BM037304.D\data.ms

(63) 4-Nitroaniline

15.574min (0.000) 20.50 ng/ul

response 325423

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.09
108.00	71.20	71.19
0.00	0.00	0.00

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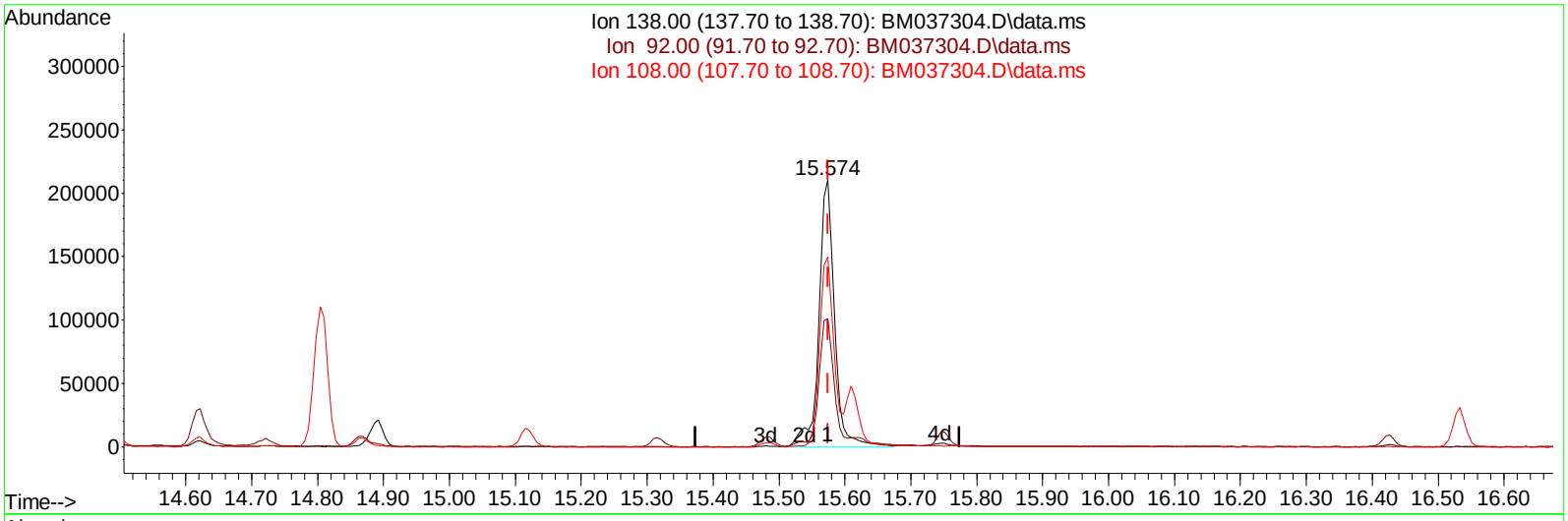

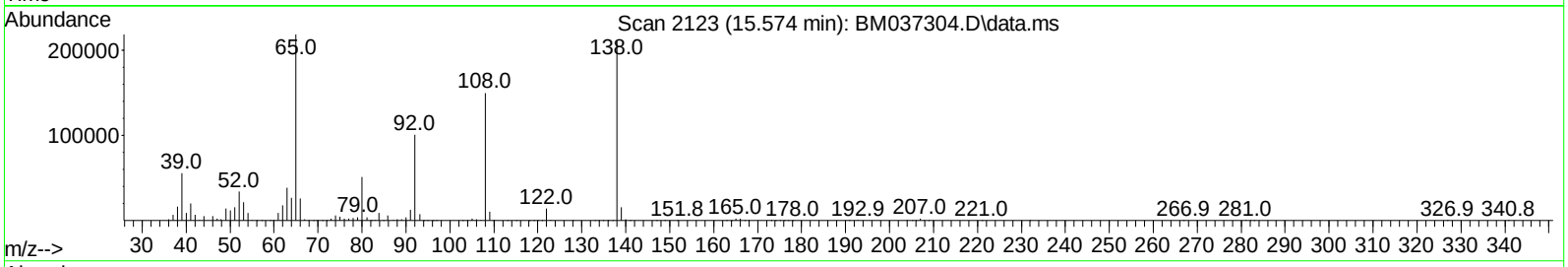

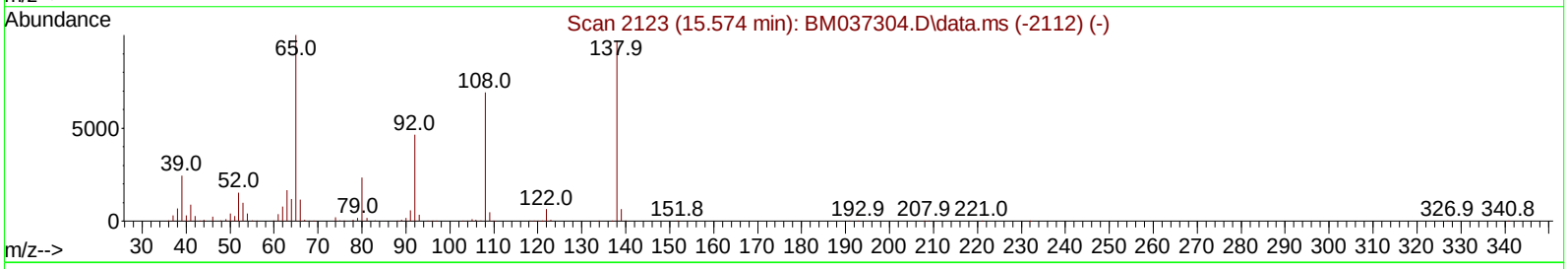

TIC: BM037304.D\data.ms

(63) 4-Nitroaniline

15.574min (0.000) 22.06 ng/ul m

response 350201

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.09
108.00	71.20	71.19
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	7.857	152	350885	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1588834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1039237	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2167045	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	2041373	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1632509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	67518	7.029	ng/uL	0.00
4) Pyridine-d5	3.699	84	479730	15.980	ng/ul	0.00
7) Phenol-d5	7.028	99	595451	16.663	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	383319	17.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	483798	20.064	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	498212	18.270	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	253621	20.838	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	275766	23.442	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	509057	22.180	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	750221	18.925	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1533829	20.947	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1857877	22.260	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	288847	18.340	ng/ul	0.00
60) Fluorene-d10	15.480	176	1364889	21.291	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	265661	22.284	ng/ul	0.00
73) Anthracene-d10	17.333	188	2114125	21.026	ng/ul	0.00
81) Pyrene-d10	19.621	212	2339003	22.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1774648	21.675	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	70412	6.827	ng/uL	100
5) Pyridine	3.716	79	480914	15.887	ng/ul	100
6) Benzaldehyde	7.004	77	363404	22.079	ng/ul	100
8) Phenol	7.057	94	625413	16.432	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.287	93	524306	17.625	ng/ul	100
12) 2-Chlorophenol	7.422	128	527396	19.961	ng/ul	100
13) 2-Methylphenol	8.310	108	484155	17.278	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.392	45	765958	19.469	ng/ul	100
16) Acetophenone	8.692	105	835740	18.321	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.675	70	427765	18.258	ng/ul	100
18) 4-Methylphenol	8.639	108	547649	17.701	ng/ul	100
19) Hexachloroethane	8.934	117	212859	20.074	ng/ul	100
22) Nitrobenzene	9.069	77	613826	18.757	ng/ul	100
23) Isophorone	9.598	82	1186544	18.642	ng/ul	100
25) 2-Nitrophenol	9.781	139	319139	23.166	ng/ul	100
26) 2,4-Dimethylphenol	9.839	107	595207	19.023	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.081	93	734387	18.913	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	522867	21.683	ng/ul	100
30) Naphthalene	10.710	128	1791241	19.944	ng/ul	100
32) 4-Chloroaniline	10.828	127	777722	18.952	ng/ul	100
33) Hexachlorobutadiene	10.986	225	320323	23.762	ng/ul	100
34) Caprolactam	11.622	113	165644m	18.964	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	552952	19.487	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	12.322	142	1240731	20.597	ng/ul	100
37) 1-Methylnaphthalene	12.539	142	1256782	20.774	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	655563	22.892	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	330073	20.040	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	430166	23.443	ng/ul	100
42) 2,4,5-Trichlorophenol	13.004	196	465809	23.108	ng/ul	100
43) 1,1'-Biphenyl	13.327	154	1638888	20.513	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	1311700	21.311	ng/ul	100
45) 2-Nitroaniline	13.586	65	360168	18.585	ng/ul	100
47) Dimethylphthalate	13.957	163	1631335	20.948	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	324655	23.227	ng/ul	100
50) Acenaphthylene	14.216	152	2020145	20.885	ng/ul	100
51) 3-Nitroaniline	14.416	138	348022	20.628	ng/ul	100
52) Acenaphthene	14.557	153	1424180	20.515	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	185498	21.457	ng/ul	100
55) 4-Nitrophenol	14.721	109	217456	16.645	ng/ul	100
56) Dibenzofuran	14.892	168	1929024	20.890	ng/ul	100
57) 2,4-Dinitrotoluene	14.868	165	478537	23.293	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	402118	24.310	ng/ul	100
59) Diethylphthalate	15.315	149	1630655	20.552	ng/ul	100
61) Fluorene	15.539	166	1633496	20.826	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	801820	22.217	ng/ul	100
63) 4-Nitroaniline	15.574	138	350201m	22.061	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	286854	22.342	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	1363868	20.580	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	483290	23.800	ng/ul	100
69) Hexachlorobenzene	16.533	284	590218	25.119	ng/ul	100
70) Atrazine	16.704	200	466494	20.221	ng/ul	100
71) Pentachlorophenol	16.886	266	331439	22.162	ng/ul	100
72) Phenanthrene	17.274	178	2552634	20.395	ng/ul	100
74) Anthracene	17.368	178	2596151	20.762	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	653619	22.402	ng/uL	100
76) Pentachlorobenzene	14.804	250	714649	23.264	ng/uL	100
77) Carbazole	17.645	167	2315822	19.824	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2762463	20.380	ng/ul	100
80) Fluoranthene	19.286	202	2915541	23.071	ng/ul	100
82) Pyrene	19.651	202	3063622	22.600	ng/ul	100
83) Butylbenzylphthalate	20.545	149	1164449	21.035	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.327	252	1025898	22.515	ng/ul	100
85) Benzo(a)anthracene	21.392	228	2826327	21.249	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1607499	19.040	ng/ul	100
87) Chrysene	21.445	228	2657604	21.180	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	2442571	21.106	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2402717	22.192	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	2399596	22.947	ng/ul	100
93) Benzo(a)pyrene	23.650	252	2015048	21.378	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.185	276	2199413	19.691	ng/ul	100
95) Dibenzo(a,h)anthracene	26.197	278	1979741	19.490	ng/ul	100
96) Benzo(g,h,i)perylene	26.932	276	1904287	19.512	ng/ul	100

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

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