Quantitation Report (Qedit)

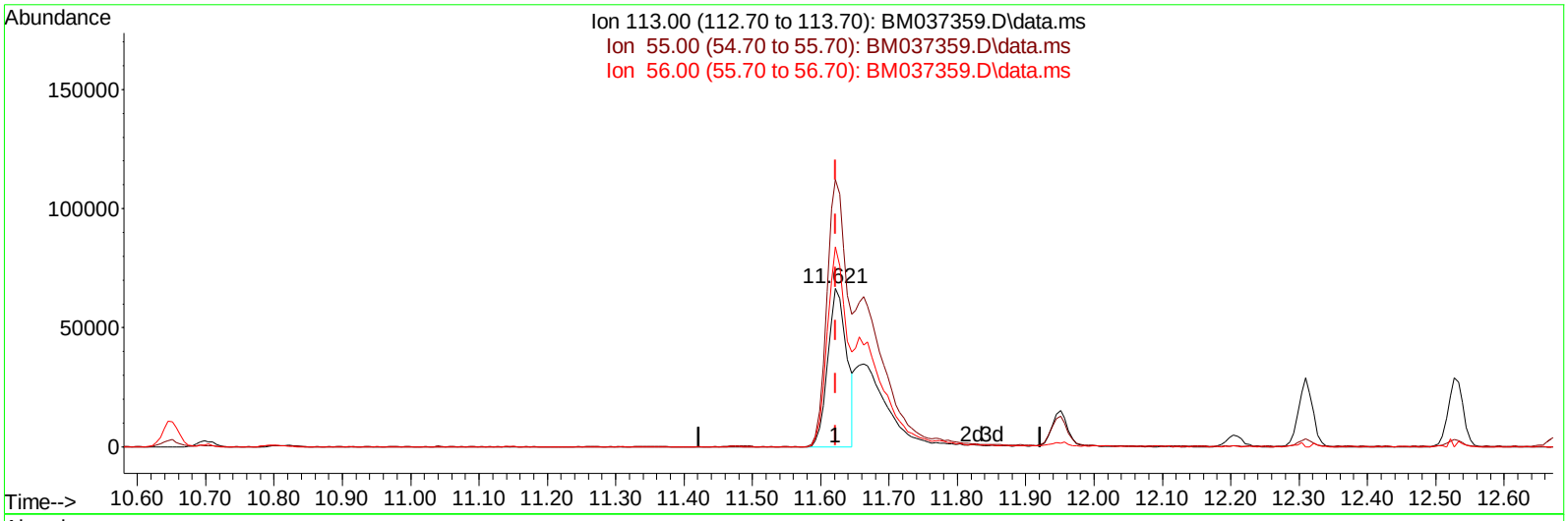
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
Data File : BM037359.D
Acq On : 03 Nov 2022 22:38
Operator : CG/JU
Sample : PB148645BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

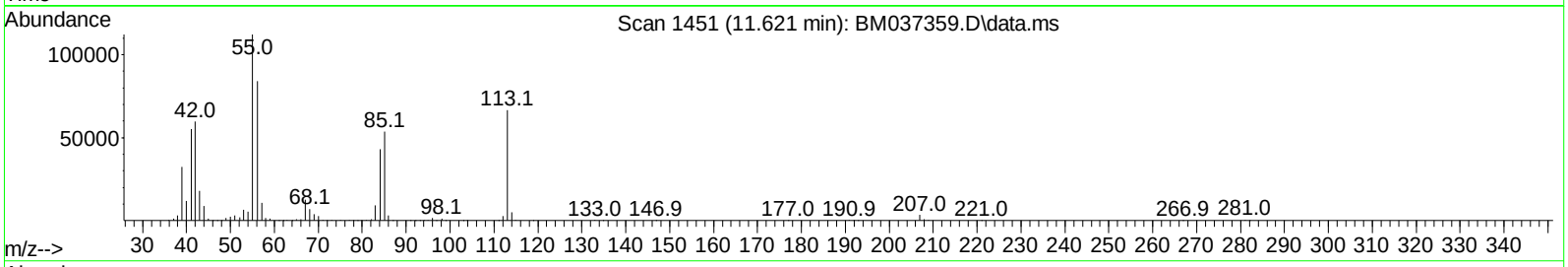
Quant Time: Nov 04 01:07:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

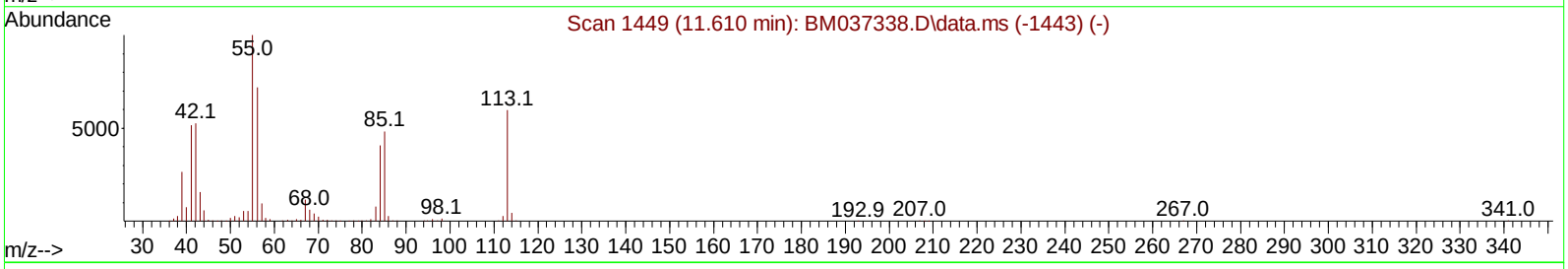
Instrument :
BNA_M
ClientSampleId :
SLCS645

Manual IntegrationsAPPROVED

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







TIC: BM037359.D\data.ms

(34) Caprolactam

11.621min (-0.000) 15.81 ng/ul

response 127357

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	168.60
56.00	121.30	126.29
0.00	0.00	0.00

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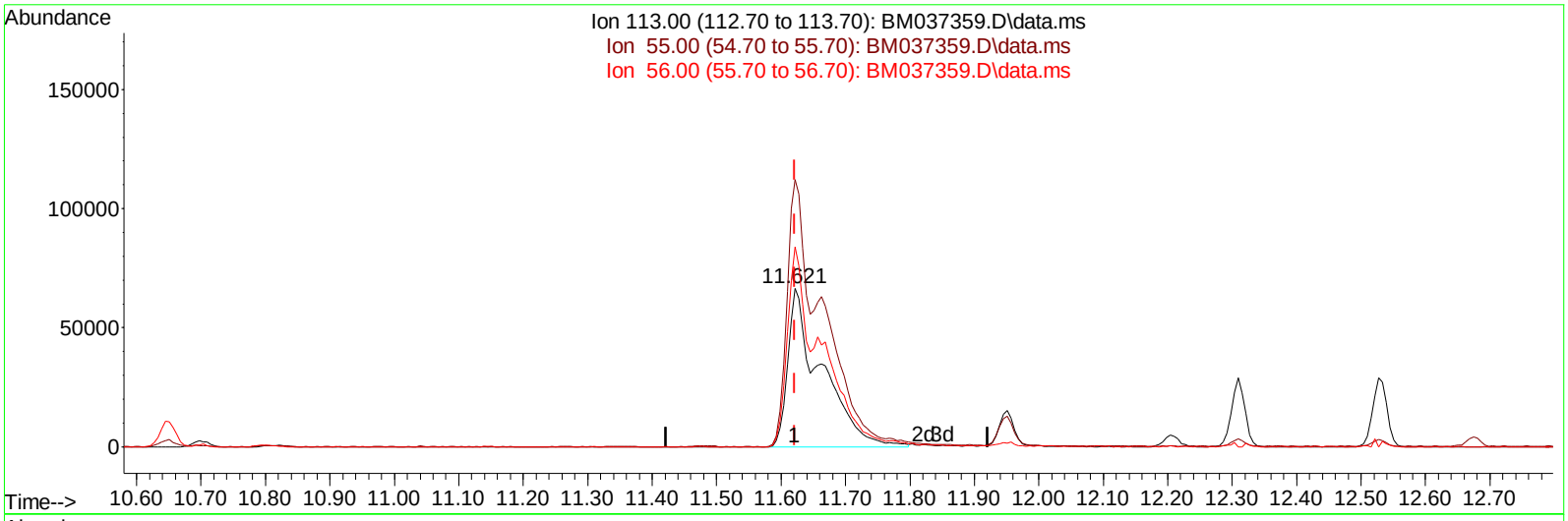

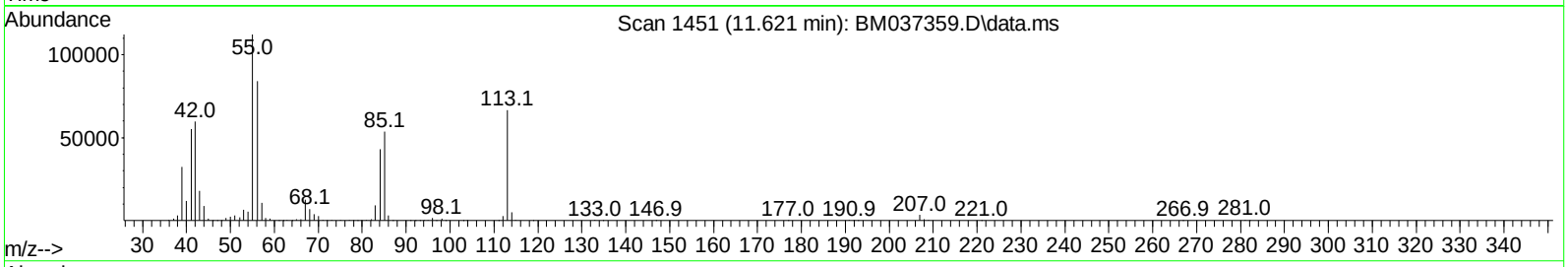

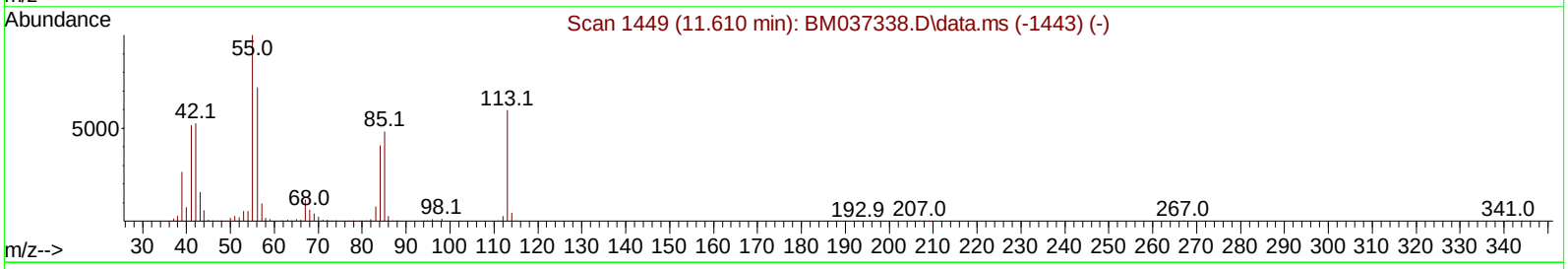

TIC: BM037359.D\data.ms

(34) Caprolactam

11.621min (-0.000) 29.92 ng/ul m

response 241013

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	168.60
56.00	121.30	126.29
0.00	0.00	0.00

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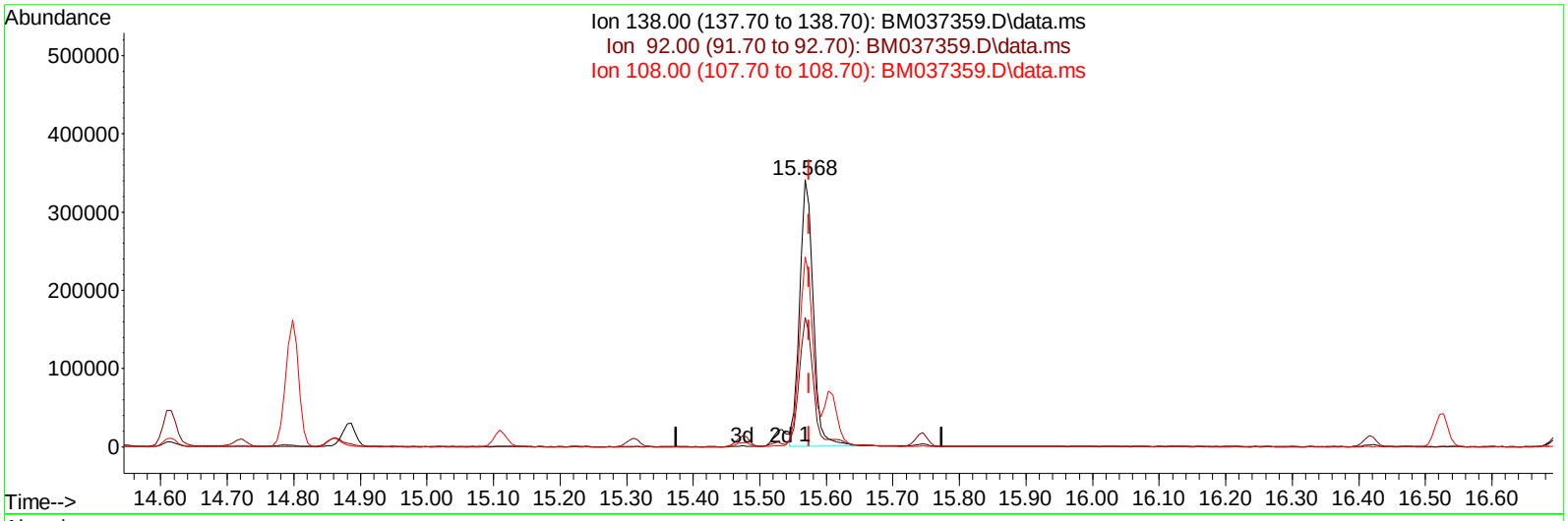

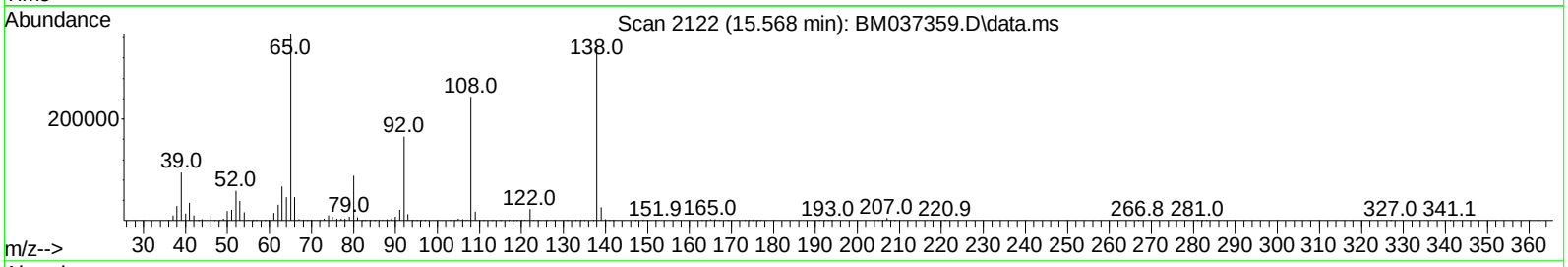

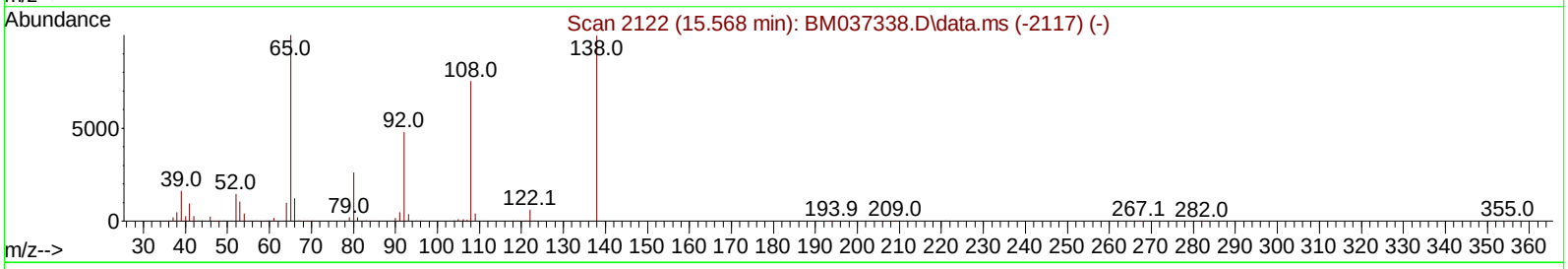

TIC: BM037359.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 33.26 ng/ul

response 489703

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.48
108.00	71.20	71.21
0.00	0.00	0.00

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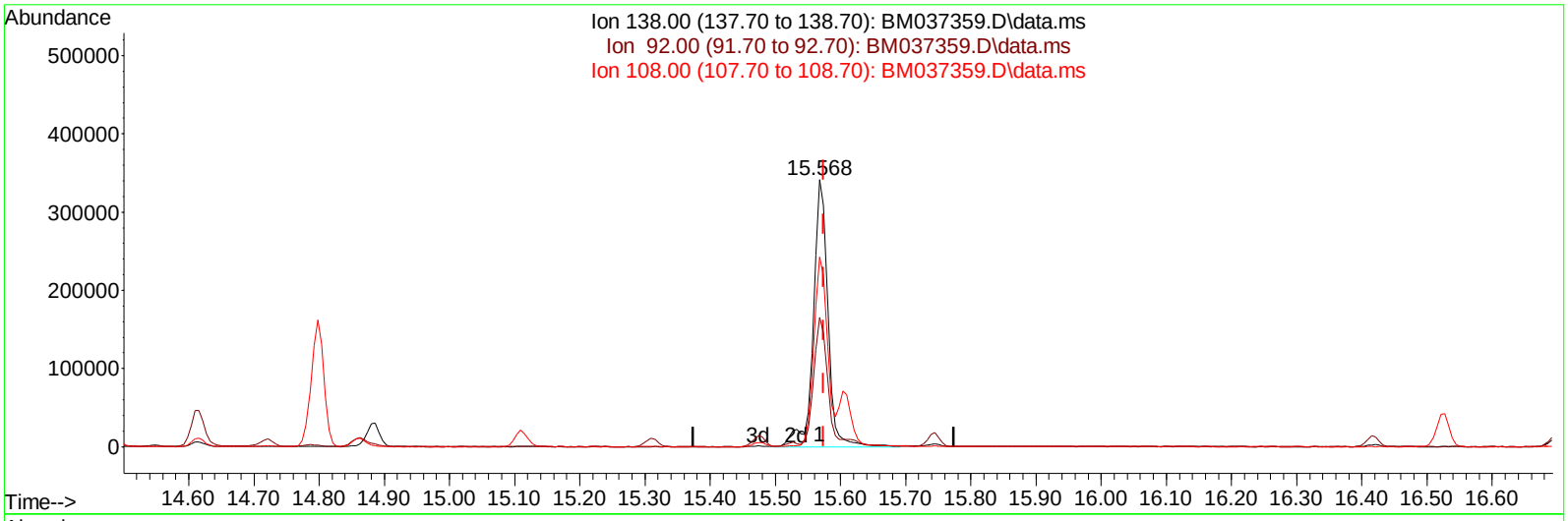

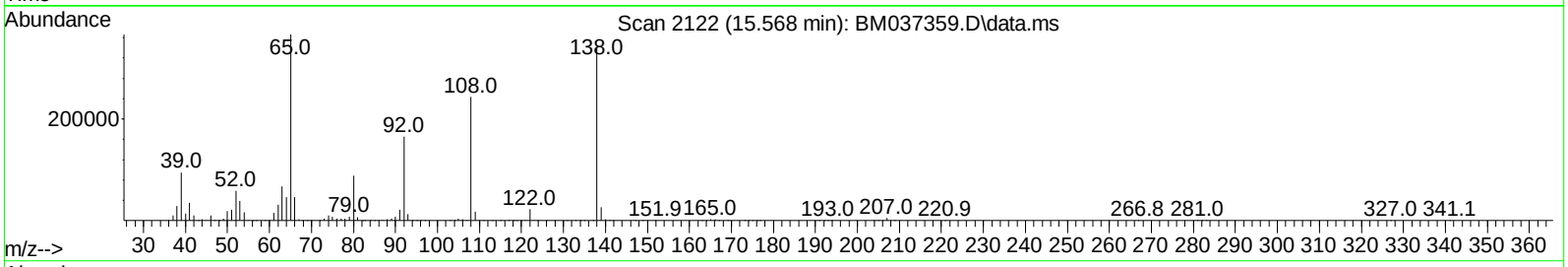

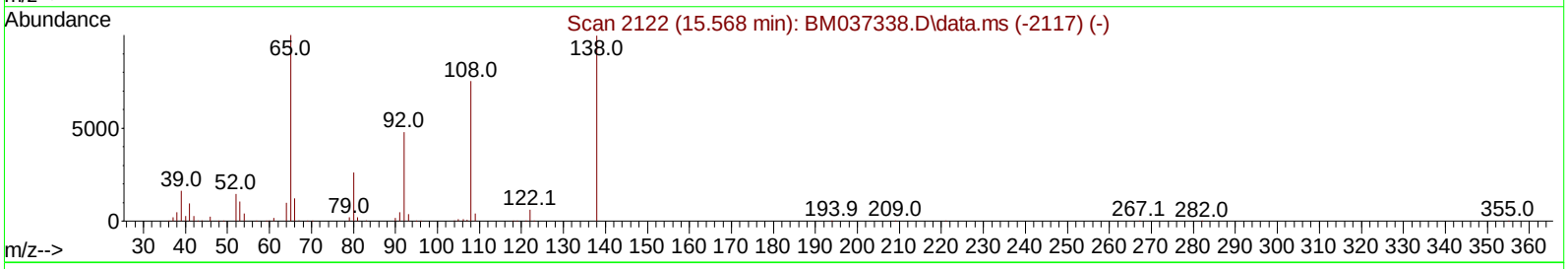

TIC: BM037359.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 35.99 ng/ul m

response 529865

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.48
108.00	71.20	71.21
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	351476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1585837	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	1017722	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2038920	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1922733	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	1520953	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	48822	6.123	ng/uL	0.00
4) Pyridine-d5	3.698	84	129457	5.439	ng/ul	0.00
7) Phenol-d5	7.022	99	991940	32.429	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	613236	32.671	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	800114	34.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	826255	33.079	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	410235	34.631	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	449281	34.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	826691	34.750	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	112662	3.099	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2330268	33.116	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	2876002	33.996	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	458861	32.623	ng/ul	0.00
60) Fluorene-d10	15.474	176	2123672	33.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	410350	31.775	ng/ul	0.00
73) Anthracene-d10	17.327	188	3177266	33.836	ng/ul	0.00
81) Pyrene-d10	19.615	212	3582010	35.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.591	264	2769228	35.371	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	99115	11.832	ng/uL	98
5) Pyridine	3.710	79	588265	24.676	ng/ul	97
6) Benzaldehyde	6.998	77	500940	35.400	ng/ul	97
8) Phenol	7.051	94	965892	30.012	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	777213	30.102	ng/ul	99
12) 2-Chlorophenol	7.416	128	801344	31.688	ng/ul	100
13) 2-Methylphenol	8.304	108	738786	30.089	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.386	45	1100340	30.006	ng/ul	99
16) Acetophenone	8.680	105	1220920	30.479	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	625133	31.418	ng/ul	99
18) 4-Methylphenol	8.633	108	834620	30.858	ng/ul	98
19) Hexachloroethane	8.922	117	326015	32.484	ng/ul	97
22) Nitrobenzene	9.063	77	924403	32.331	ng/ul	99
23) Isophorone	9.592	82	1697356	30.780	ng/ul	100
25) 2-Nitrophenol	9.769	139	468865	31.791	ng/ul	97
26) 2,4-Dimethylphenol	9.833	107	836108	30.150	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1086182	31.681	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	783389	31.999	ng/ul	99
30) Naphthalene	10.698	128	2635192	31.145	ng/ul	100
32) 4-Chloroaniline	10.822	127	723894	19.216	ng/ul	99
33) Hexachlorobutadiene	10.974	225	462844	30.699	ng/ul	100
34) Caprolactam	11.621	113	241013m	29.916	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	809055	31.860	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1810739	30.989	ng/ul	99
37) 1-Methylnaphthalene	12.527	142	1830736	31.137	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	939798	30.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	469208	27.477	ng/ul	99
41) 2,4,6-Trichlorophenol	12.921	196	602666	30.565	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	672270	31.664	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	2411956	31.887	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1906104	31.360	ng/ul	99
45) 2-Nitroaniline	13.580	65	538615	33.607	ng/ul	99
47) Dimethylphthalate	13.951	163	2307037	30.779	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	484235	32.995	ng/ul	97
50) Acenaphthylene	14.210	152	2920323	31.582	ng/ul	100
51) 3-Nitroaniline	14.410	138	497864	31.436	ng/ul	99
52) Acenaphthene	14.551	153	2063945	31.369	ng/ul	100
53) 2,4-Dinitrophenol	14.615	184	271770	27.576	ng/ul	97
55) 4-Nitrophenol	14.721	109	320549	30.992	ng/ul	99
56) Dibenzofuran	14.886	168	2766021	31.135	ng/ul	99
57) 2,4-Dinitrotoluene	14.862	165	695571	32.346	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.109	232	531128	28.735	ng/ul	100
59) Diethylphthalate	15.309	149	2312726	30.979	ng/ul	99
61) Fluorene	15.533	166	2407376	32.036	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	1169138	31.658	ng/ul	99
63) 4-Nitroaniline	15.568	138	529865m	35.985	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	396302	28.887	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1932644	31.976	ng/ul	100
68) 4-Bromophenyl-phenylether	16.421	248	692925	31.946	ng/ul	97
69) Hexachlorobenzene	16.527	284	840324	31.744	ng/ul	97
70) Atrazine	16.692	200	86021	4.020	ng/ul	99
71) Pentachlorophenol	16.880	266	421237	26.003	ng/ul	97
72) Phenanthrene	17.268	178	3638204	31.913	ng/ul	100
74) Anthracene	17.362	178	3615892	31.523	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	974411	32.979	ng/uL	99
76) Pentachlorobenzene	14.798	250	947075	29.459	ng/uL	100
77) Carbazole	17.633	167	3227857	31.192	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3888134	32.613	ng/ul	99
80) Fluoranthene	19.280	202	4108295	33.229	ng/ul	100
82) Pyrene	19.644	202	4307030	33.067	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1686209	33.332	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.321	252	1214763	27.260	ng/ul	99
85) Benzo(a)anthracene	21.380	228	3961902	32.108	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	2469837	35.013	ng/ul	99
87) Chrysene	21.433	228	3669160	31.602	ng/ul	99
89) Di-n-octyl phthalate	22.215	149	3754861	33.932	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	3477725	32.868	ng/ul	100
91) Benzo(k)fluoranthene	23.074	252	3422975	33.042	ng/ul	99
93) Benzo(a)pyrene	23.638	252	2880940	32.557	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	3188285	33.666	ng/ul	99
95) Dibenzo(a,h)anthracene	26.179	278	2742947	32.207	ng/ul	99
96) Benzo(g,h,i)perylene	26.915	276	2603960	32.091	ng/ul	99

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

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