Quantitation Report (Qedit)

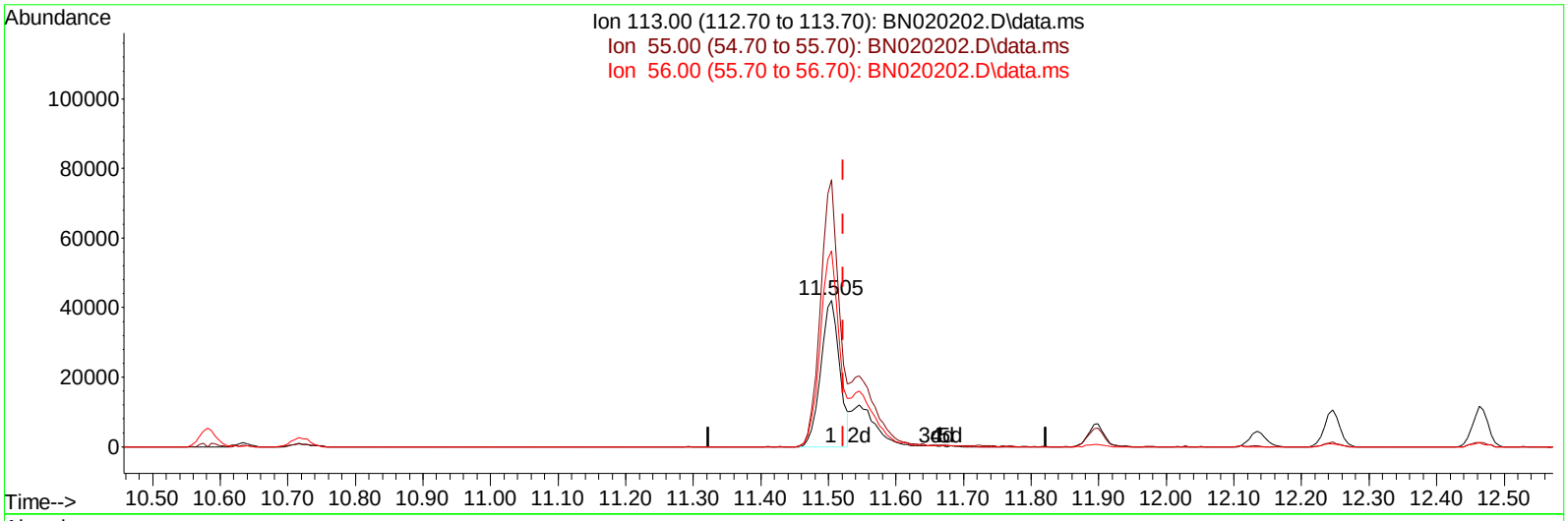
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020202.D
Acq On : 16 Jun 2022 13:42
Operator : CG/JU
Sample : PB145553BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

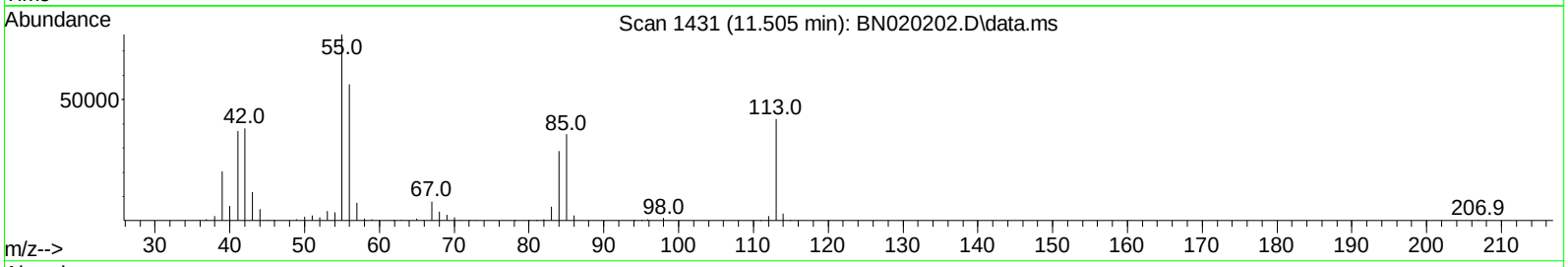
Quant Time: Jun 17 02:27:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

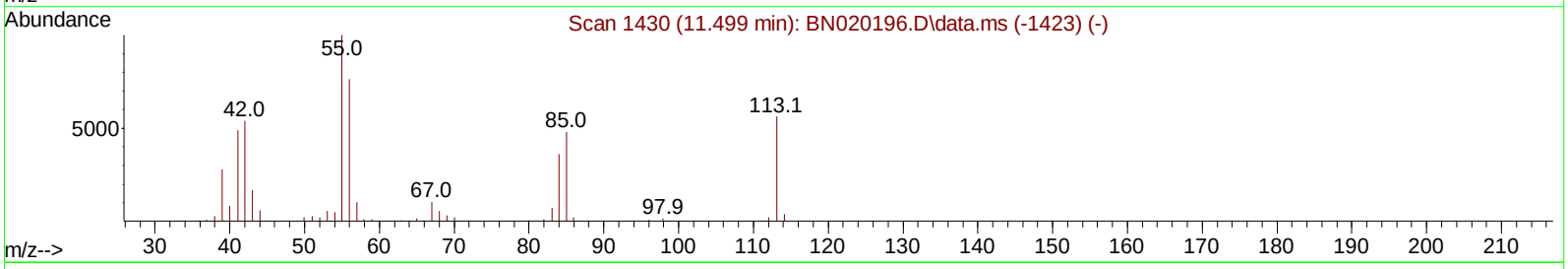
Instrument :
BNA_N
ClientSampleId :
SLCS553

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020202.D\data.ms

(34) Caprolactam

11.505min (-0.018) 20.32 ng/ul

response 81354

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	182.36
56.00	133.10	133.86
0.00	0.00	0.00

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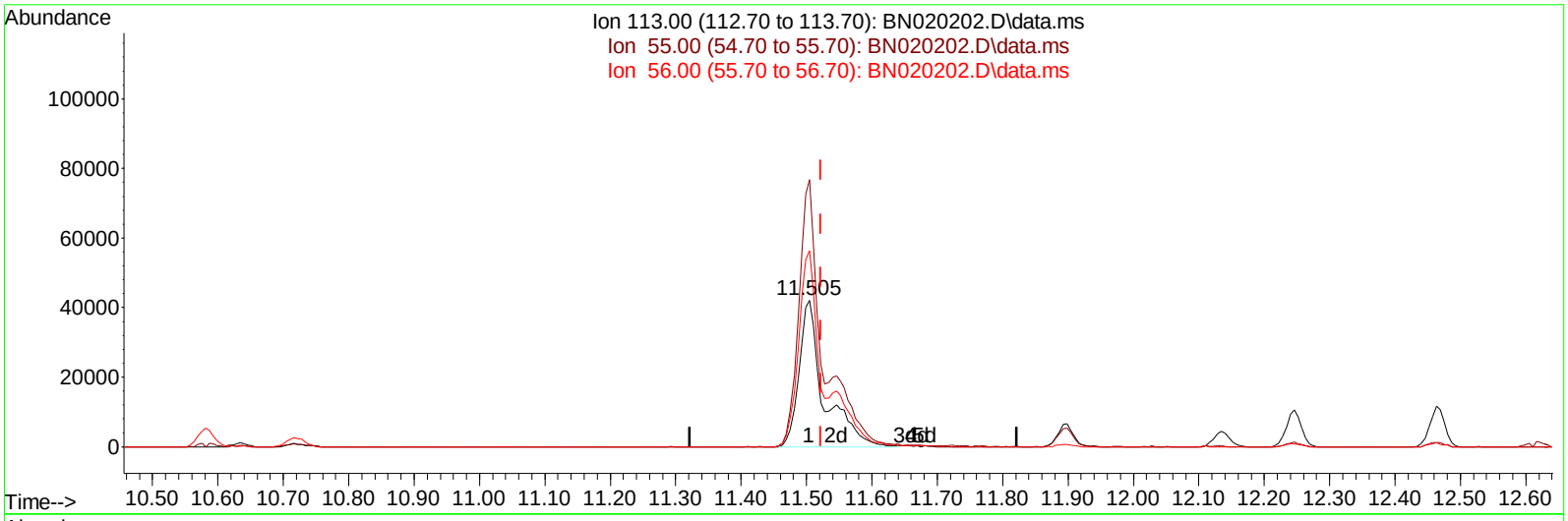

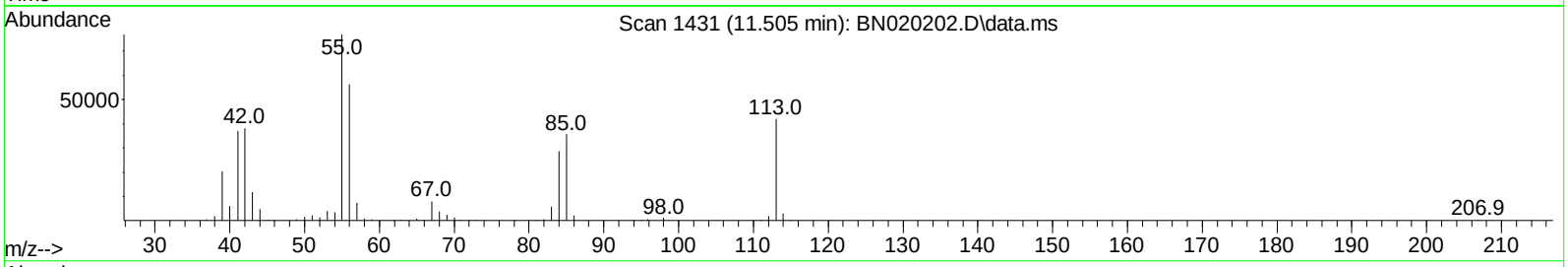

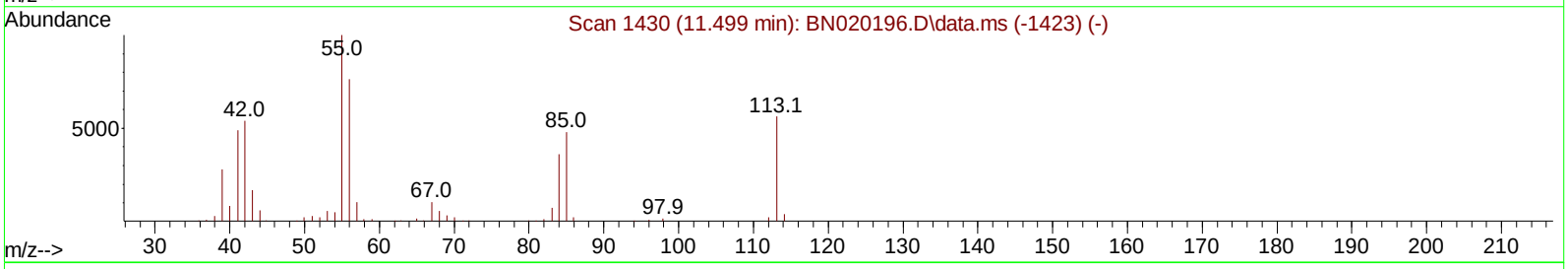

TIC: BN020202.D\data.ms

(34) Caprolactam

11.505min (-0.018) 27.91 ng/ul m

response 111728

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	182.36
56.00	133.10	133.86
0.00	0.00	0.00

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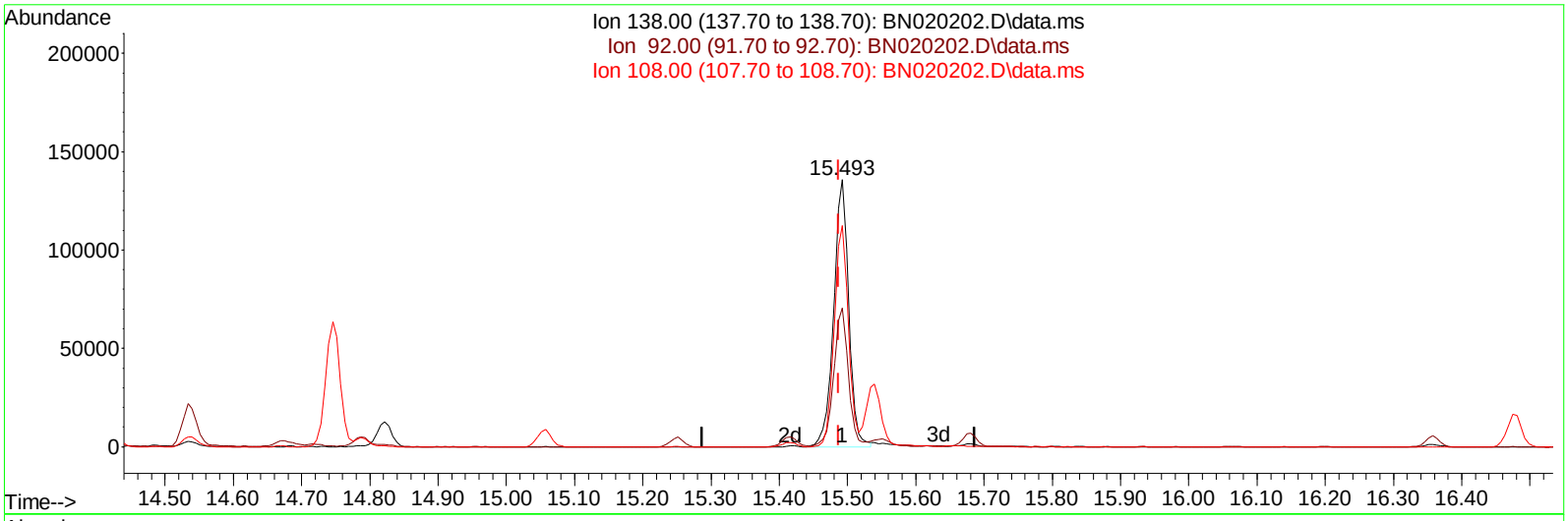

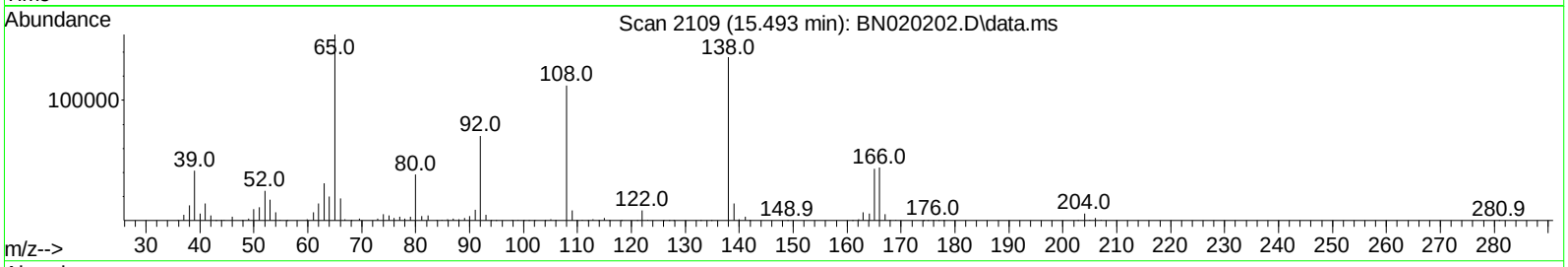

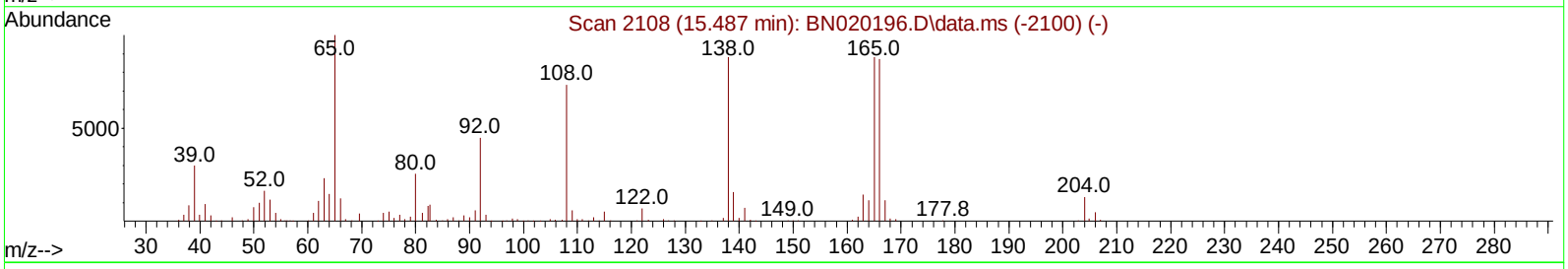

TIC: BN020202.D\data.ms

(63) 4-Nitroaniline

15.493min (+ 0.006) 32.64 ng/ul

response 207576

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.30	51.94
108.00	81.60	82.79
0.00	0.00	0.00

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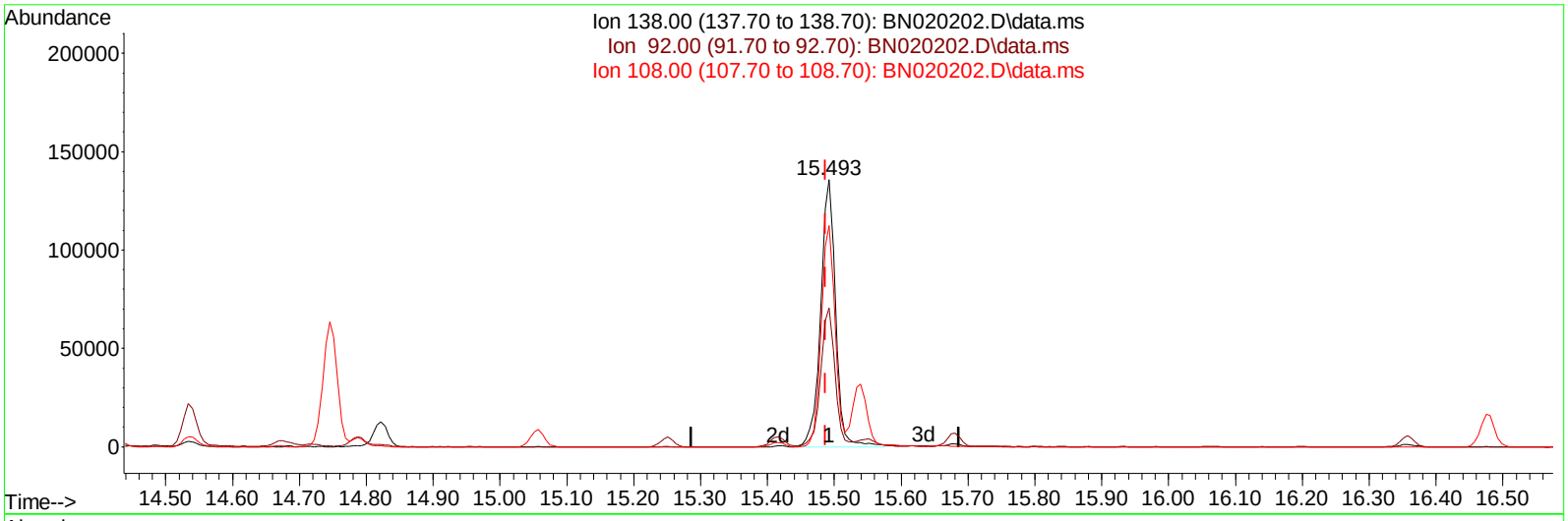

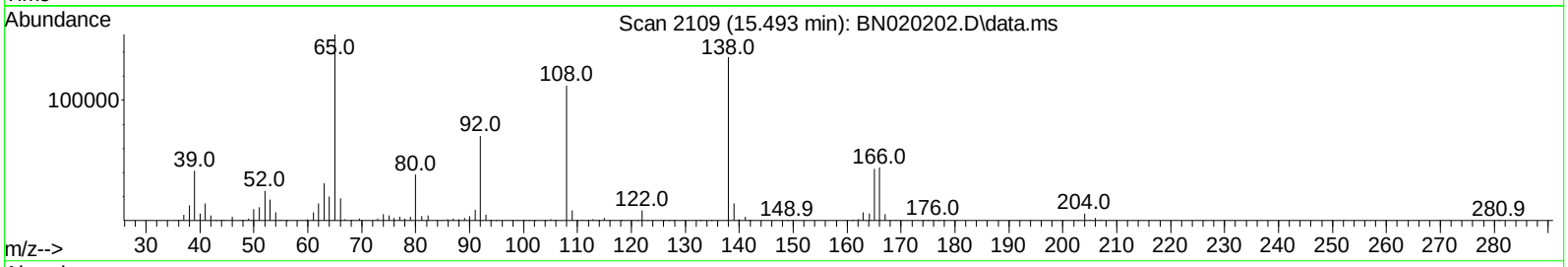

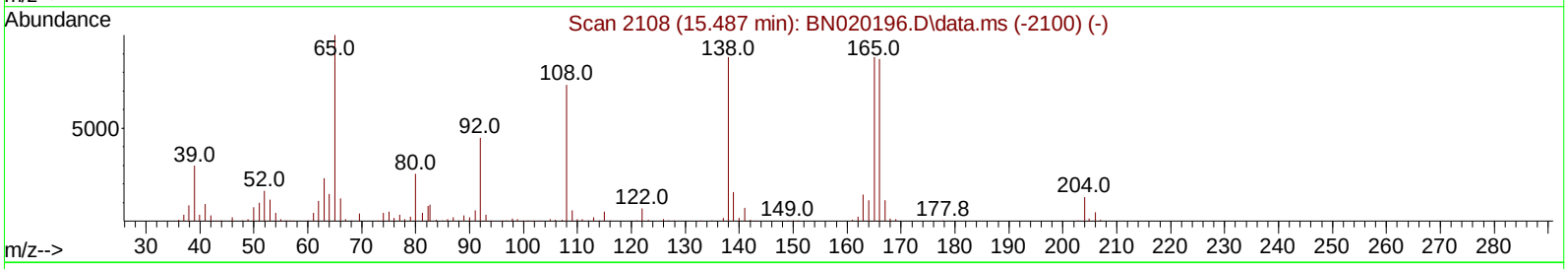

TIC: BN020202.D\data.ms

(63) 4-Nitroaniline

15.493min (+ 0.006) 33.20 ng/ul m

response 211096

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.30	51.94
108.00	81.60	82.79
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	7.793	152	146306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	703109	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	449445	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	936616	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	836542	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	759778	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17750	5.255	ng/uL	0.00
4) Pyridine-d5	3.664	84	249809	27.057	ng/ul	-0.01
7) Phenol-d5	6.987	99	352236	29.095	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	212663	28.116	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	288743	29.354	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	308020	29.408	ng/ul	0.01
21) Nitrobenzene-d5	8.946	128	148890	27.835	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	168183	29.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	285481	28.806	ng/ul	0.01
31) 4-Chloroaniline-d4	10.716	131	413935	25.793	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	952644	29.131	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1107574	29.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	182680	27.877	ng/ul	0.04
60) Fluorene-d10	15.416	176	788569	29.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	174335	32.133	ng/ul	0.00
73) Anthracene-d10	17.263	188	1228329	30.050	ng/ul	0.00
81) Pyrene-d10	19.563	212	1370052	30.210	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	1128068	30.345	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	35955	10.083	ng/uL	97
5) Pyridine	3.681	79	247323	25.552	ng/ul	93
6) Benzaldehyde	6.934	77	200060	35.071	ng/ul	93
8) Phenol	7.017	94	360523	27.966	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	273456	27.102	ng/ul	99
12) 2-Chlorophenol	7.369	128	281535	27.381	ng/ul	98
13) 2-Methylphenol	8.258	108	278259	28.077	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	425140	26.870	ng/ul	97
16) Acetophenone	8.616	105	445091	27.943	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	225217	27.678	ng/ul	95
18) 4-Methylphenol	8.581	108	308118	28.169	ng/ul	98
19) Hexachloroethane	8.869	117	109563	26.482	ng/ul	91
22) Nitrobenzene	8.987	77	327532	26.408	ng/ul	97
23) Isophorone	9.516	82	650979	26.583	ng/ul	98
25) 2-Nitrophenol	9.699	139	173236	27.616	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	349554	26.898	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	391315	26.112	ng/ul	97
29) 2,4-Dichlorophenol	10.246	162	283893	27.693	ng/ul	99
30) Naphthalene	10.634	128	959075	26.320	ng/ul	99
32) 4-Chloroaniline	10.746	127	400507	24.950	ng/ul	98
33) Hexachlorobutadiene	10.928	225	153809	26.133	ng/ul	98
34) Caprolactam	11.505	113	111728m	27.910	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	352068	29.086	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	671864	27.272	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	691097	27.490	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	313312	27.333	ng/ul	97
40) Hexachlorocyclopentadiene	12.599	237	154329	22.132	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	228981	28.971	ng/ul	98
42) 2,4,5-Trichlorophenol	12.952	196	257120	29.373	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	912060	27.405	ng/ul	98
44) 2-Chloronaphthalene	13.299	162	693432	27.466	ng/ul	97
45) 2-Nitroaniline	13.504	65	235482	29.980	ng/ul	97
47) Dimethylphthalate	13.887	163	923118	28.040	ng/ul	99
48) 2,6-Dinitrotoluene	13.999	165	195214	30.328	ng/ul	98
50) Acenaphthylene	14.146	152	1161151	27.654	ng/ul	99
51) 3-Nitroaniline	14.328	138	199081	29.256	ng/ul	99
52) Acenaphthene	14.487	153	748839	27.303	ng/ul	97
53) 2,4-Dinitrophenol	14.534	184	115197	27.953	ng/ul	90
55) 4-Nitrophenol	14.675	109	147671	26.400	ng/ul	97
56) Dibenzofuran	14.822	168	1067089	27.616	ng/ul	97
57) 2,4-Dinitrotoluene	14.787	165	291303	30.565	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	205132	29.852	ng/ul	92
59) Diethylphthalate	15.251	149	964876	28.467	ng/ul	98
61) Fluorene	15.469	166	842276	28.013	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	390607	28.210	ng/ul	94
63) 4-Nitroaniline	15.493	138	211096m	33.198	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.551	198	168557	30.643	ng/ul#	92
67) N-Nitrosodiphenylamine	15.681	169	764771	28.482	ng/ul	97
68) 4-Bromophenyl-phenylether	16.357	248	232063	28.451	ng/ul#	89
69) Hexachlorobenzene	16.481	284	266974	28.474	ng/ul#	93
70) Atrazine	16.634	200	276755	29.540	ng/ul	97
71) Pentachlorophenol	16.828	266	163658	28.025	ng/ul	98
72) Phenanthrene	17.204	178	1397422	28.272	ng/ul	99
74) Anthracene	17.298	178	1418991	28.550	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	337048	26.873	ng/uL	99
76) Pentachlorobenzene	14.746	250	315396	28.453	ng/uL	96
77) Carbazole	17.569	167	1337382	29.578	ng/ul	96
78) Di-n-butylphthalate	18.139	149	1666833	29.729	ng/ul	100
80) Fluoranthene	19.228	202	1622158	29.616	ng/ul	98
82) Pyrene	19.586	202	1624917	28.917	ng/ul#	93
83) Butylbenzylphthalate	20.492	149	783674	30.989	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.275	252	466971	29.226	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1448118	27.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1109617	31.098	ng/ul	97
87) Chrysene	21.392	228	1499208	29.009	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2003293	32.395	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1381449	28.970	ng/ul#	95
91) Benzo(k)fluoranthene	23.016	252	1362813	30.022	ng/ul	97
93) Benzo(a)pyrene	23.569	252	1328565	28.783	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	1374837	28.950	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.063	278	1148731	28.320	ng/ul	95
96) Benzo(g,h,i)perylene	26.768	276	1159610	28.915	ng/ul#	93

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

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