Quantitation Report (Qedit)

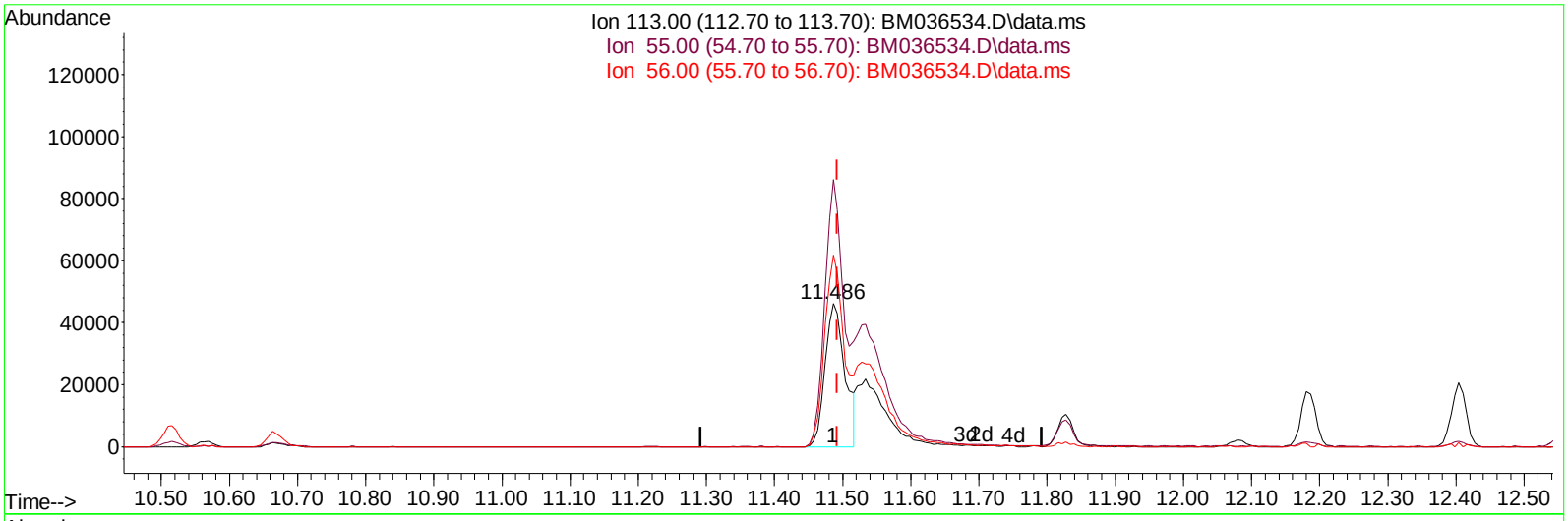
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090922\
Data File : BM036534.D
Acq On : 09 Sep 2022 11:53
Operator : CG/JU
Sample : PB147556BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

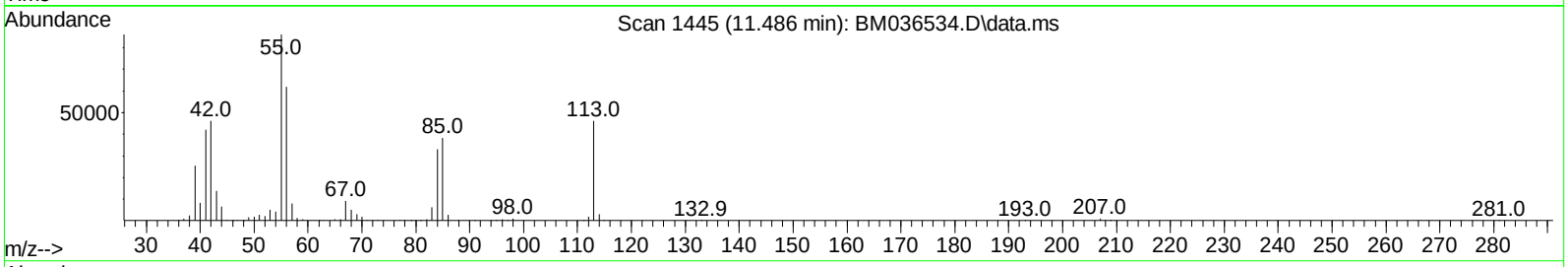
Quant Time: Sep 09 12:29:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

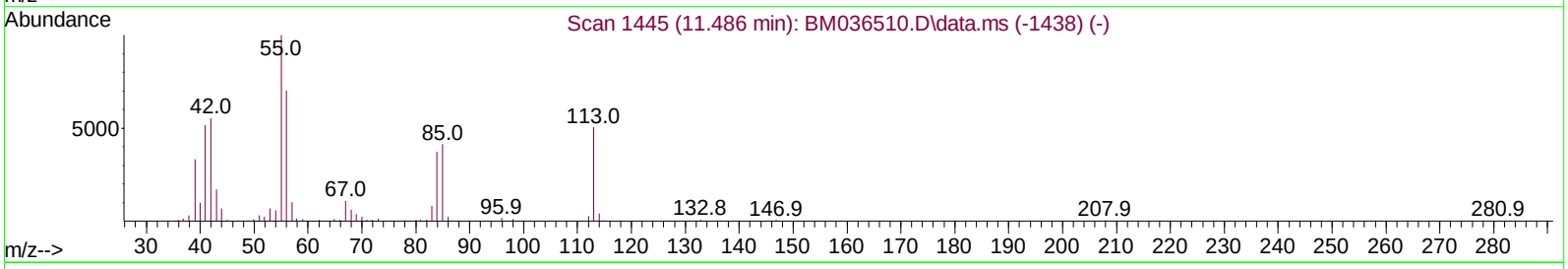
Instrument :
BNA_M
ClientSampleId :
SLCS556

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036534.D\data.ms

(34) Caprolactam

11.486min (-0.006) 24.41 ng/ul

response 94307

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	186.08
56.00	127.60	133.64
0.00	0.00	0.00

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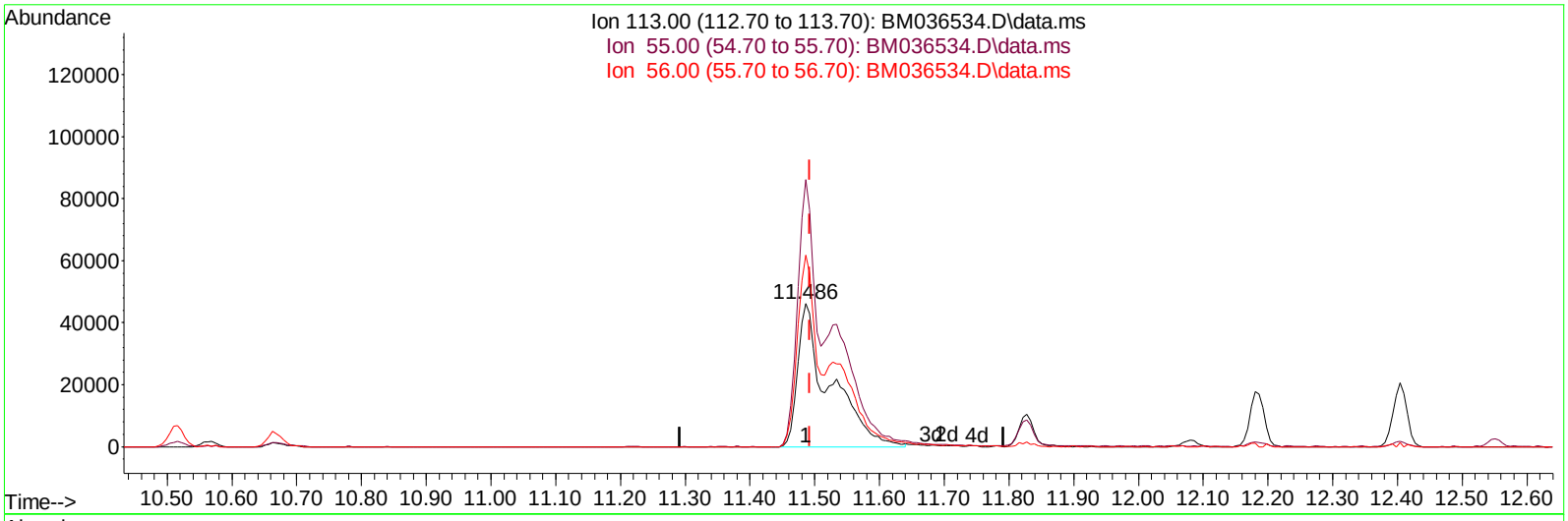

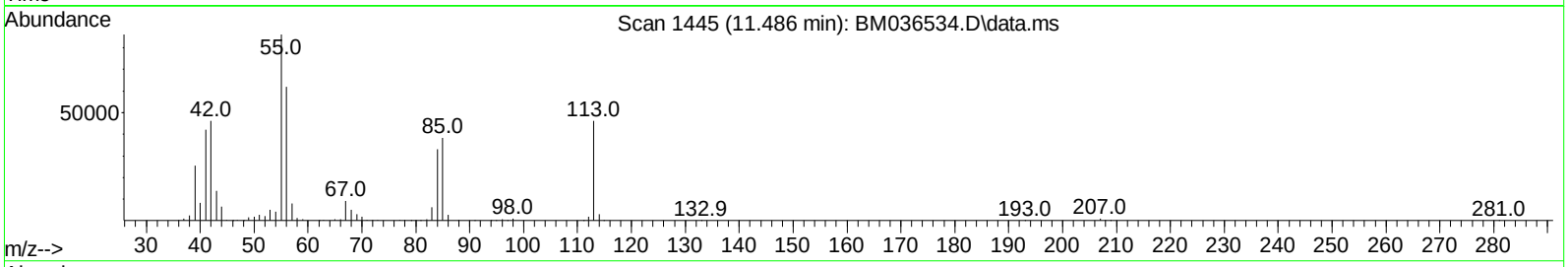

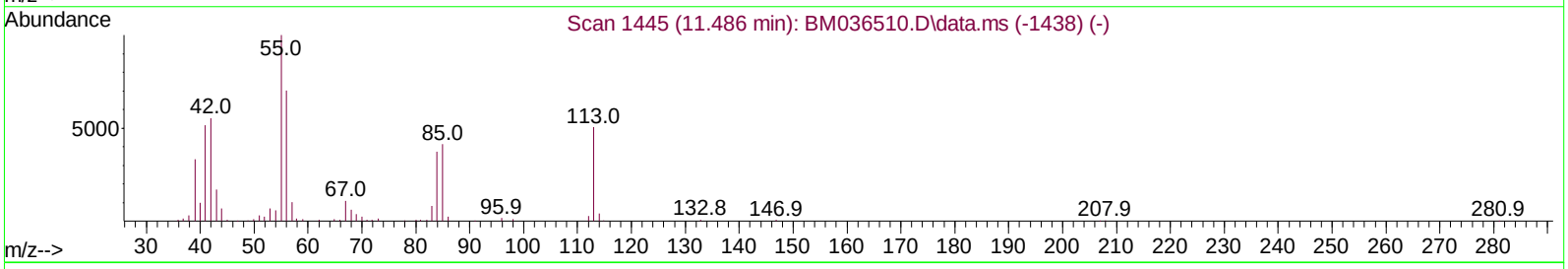

TIC: BM036534.D\data.ms

(34) Caprolactam

11.486min (-0.006) 41.16 ng/ul m

response 159041

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	186.08
56.00	127.60	133.64
0.00	0.00	0.00

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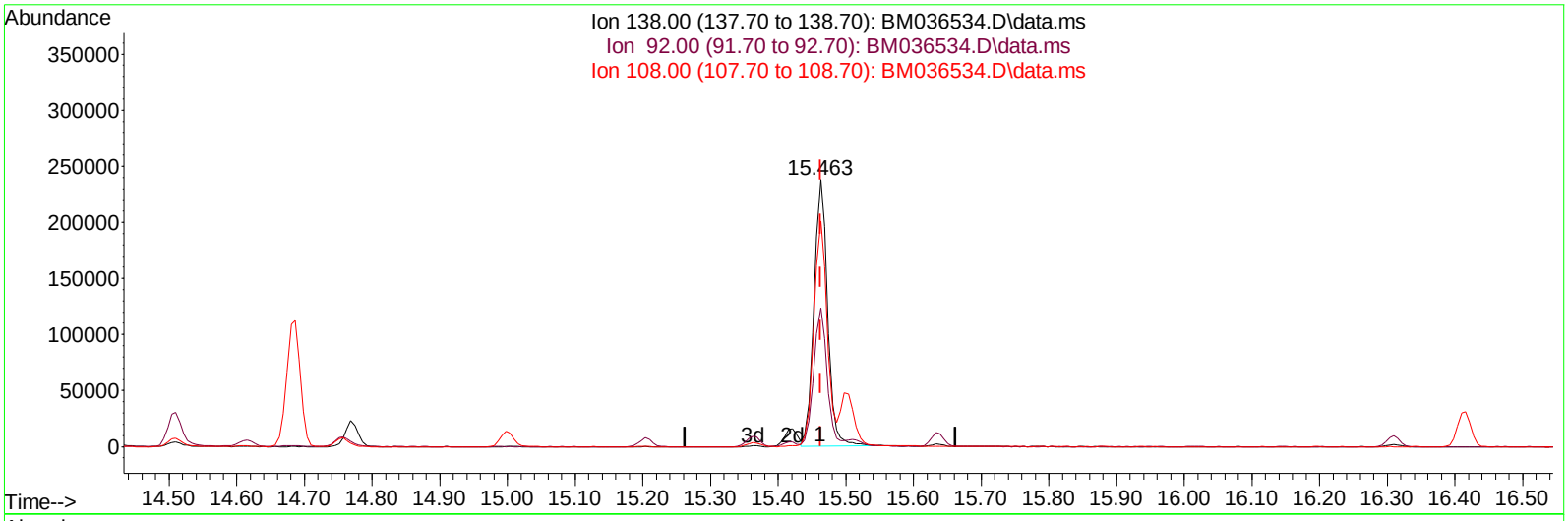

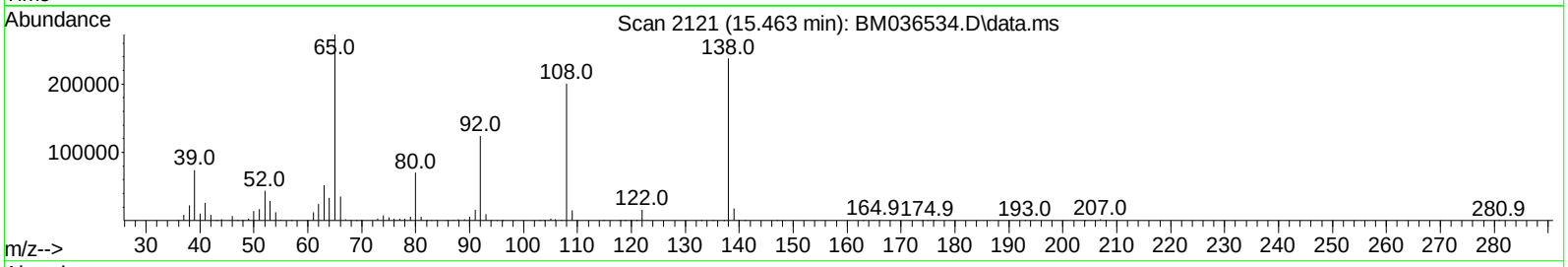

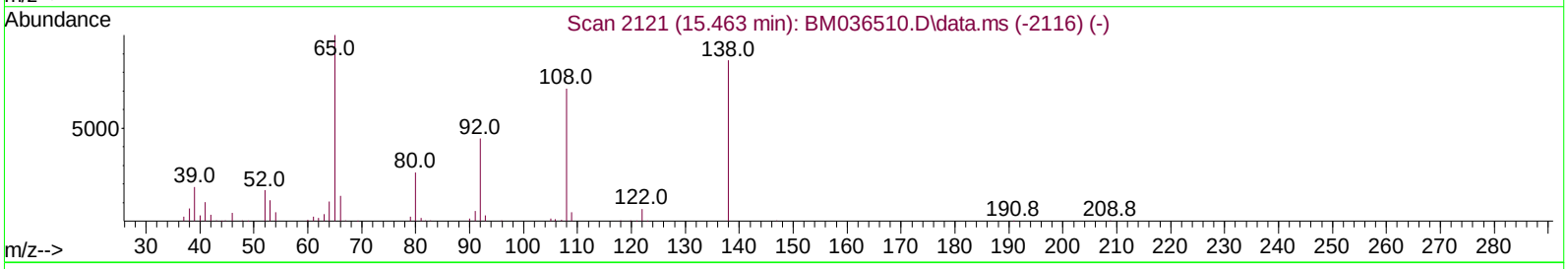

TIC: BM036534.D\data.ms

(63) 4-Nitroaniline

15.463min (-0.000) 41.06 ng/ul

response 333013

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	52.11
108.00	64.50	84.43#
0.00	0.00	0.00

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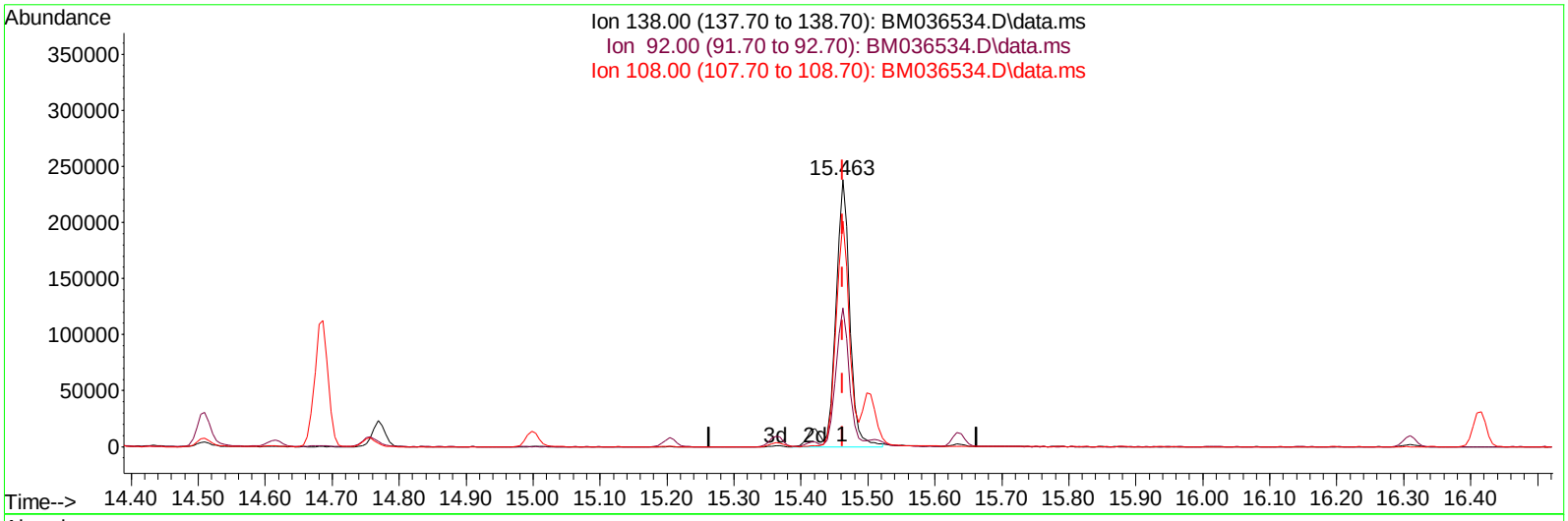

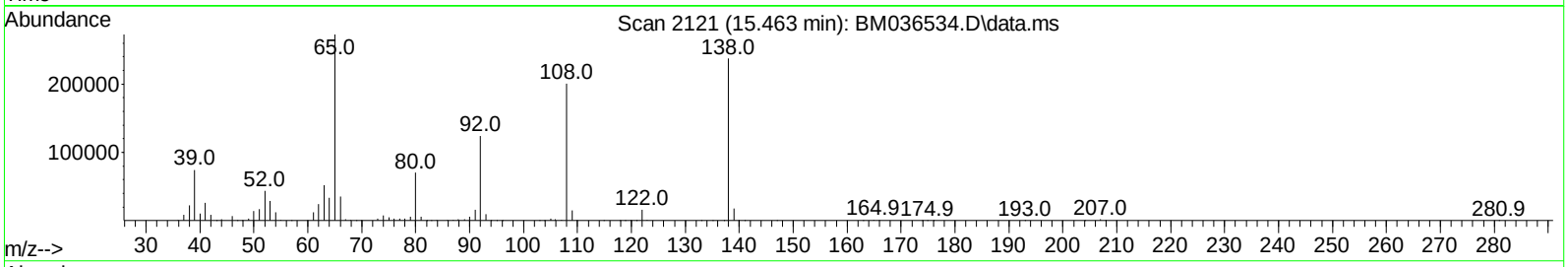

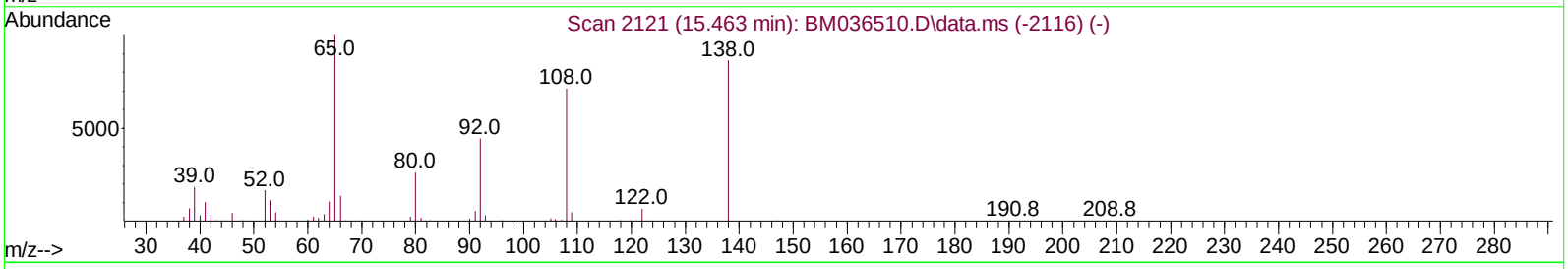

TIC: BM036534.D\data.ms

(63) 4-Nitroaniline

15.463min (-0.000) 44.07 ng/ul m

response 357399

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	52.11
108.00	64.50	84.43#
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	7.716	152	220704	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	917294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	647051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1349403	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1246665	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	1036969	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	29831	5.151	ng/uL	0.00
4) Pyridine-d5	3.552	84	396686	24.839	ng/ul	0.00
7) Phenol-d5	6.898	99	578271	30.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	386022	32.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	484194	32.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	482412	34.296	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	251981	36.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	242717	34.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	397972	31.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	633031	32.395	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1434111	35.034	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1749133	34.259	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	280292	36.137	ng/ul	0.00
60) Fluorene-d10	15.363	176	1271080	34.363	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	241037	34.744	ng/ul	0.00
73) Anthracene-d10	17.215	188	1967970	32.799	ng/ul	0.00
81) Pyrene-d10	19.515	212	2298282	35.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	1726548	33.959	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	61419	10.069	ng/uL	97
5) Pyridine	3.569	79	452586	27.434	ng/ul	97
6) Benzaldehyde	6.863	77	386061	49.889	ng/ul	92
8) Phenol	6.928	94	631318	32.232	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.151	93	496089	31.666	ng/ul	99
12) 2-Chlorophenol	7.281	128	494085	31.921	ng/ul	98
13) 2-Methylphenol	8.175	108	477137	33.047	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.257	45	736508	35.139	ng/ul	99
16) Acetophenone	8.551	105	770492	34.057	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.540	70	403305	35.816	ng/ul	97
18) 4-Methylphenol	8.510	108	518169	33.527	ng/ul	100
19) Hexachloroethane	8.787	117	210597	32.522	ng/ul	88
22) Nitrobenzene	8.934	77	594677	36.087	ng/ul	98
23) Isophorone	9.457	82	975266	33.327	ng/ul	96
25) 2-Nitrophenol	9.639	139	261368	33.255	ng/ul	97
26) 2,4-Dimethylphenol	9.704	107	426800	27.154	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.945	93	568739	29.853	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	405512	31.444	ng/ul	97
30) Naphthalene	10.563	128	1480550	30.752	ng/ul	99
32) 4-Chloroaniline	10.692	127	631010	31.747	ng/ul	99
33) Hexachlorobutadiene	10.839	225	274893	33.929	ng/ul	98
34) Caprolactam	11.486	113	159041m	41.159	ng/ul	
35) 4-Chloro-3-methylphenol	11.828	107	525715	40.317	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.186	142	1136835	37.635	ng/ul	99
37) 1-Methylnaphthalene	12.404	142	1156194	38.006	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	548827	30.688	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	254783	24.013	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	349077	31.018	ng/ul	97
42) 2,4,5-Trichlorophenol	12.880	196	384932	32.247	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	1517808	31.189	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	1148570	30.757	ng/ul	99
45) 2-Nitroaniline	13.469	65	365987	36.193	ng/ul	96
47) Dimethylphthalate	13.839	163	1436151	34.083	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	293814	36.957	ng/ul#	87
50) Acenaphthylene	14.092	152	1944603	32.298	ng/ul	100
51) 3-Nitroaniline	14.298	138	343052	39.456	ng/ul	98
52) Acenaphthene	14.433	153	1267553	32.300	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	161823	37.349	ng/ul	92
55) 4-Nitrophenol	14.616	109	232609	37.956	ng/ul	80
56) Dibenzofuran	14.769	168	1782291	32.731	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	437974	38.844	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.998	232	297659	32.841	ng/ul#	91
59) Diethylphthalate	15.204	149	1546682	37.237	ng/ul	99
61) Fluorene	15.421	166	1489489	34.487	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	706584	35.023	ng/ul	100
63) 4-Nitroaniline	15.463	138	357399m	44.066	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	238868	34.055	ng/ul#	89
67) N-Nitrosodiphenylamine	15.639	169	1224517	31.741	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	403932	32.328	ng/ul	96
69) Hexachlorobenzene	16.415	284	489386	32.320	ng/ul	96
70) Atrazine	16.592	200	222329	16.867	ng/ul	98
71) Pentachlorophenol	16.768	266	252067	30.195	ng/ul	100
72) Phenanthrene	17.157	178	2325051	32.775	ng/ul	98
74) Anthracene	17.251	178	2337296	32.864	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.163	216	577495	28.522	ng/uL	98
76) Pentachlorobenzene	14.686	250	556588	29.441	ng/uL	99
77) Carbazole	17.527	167	2185854	32.826	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2778912	38.155	ng/ul	99
80) Fluoranthene	19.180	202	2733731	34.978	ng/ul	98
82) Pyrene	19.545	202	2826459	34.655	ng/ul	95
83) Butylbenzylphthalate	20.451	149	1207940	39.589	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.233	252	902779	35.166	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2537944	33.877	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1862618	44.213	ng/ul	98
87) Chrysene	21.345	228	2440749	33.157	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	2848279	46.205	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2231096	35.290	ng/ul	97
91) Benzo(k)fluoranthene	22.944	252	2169016	36.060	ng/ul	98
93) Benzo(a)pyrene	23.497	252	2097579	33.725	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.962	276	2146619	29.355	ng/ul	96
95) Dibenzo(a,h)anthracene	25.974	278	1860779	29.539	ng/ul	97
96) Benzo(g,h,i)perylene	26.685	276	1791305	28.645	ng/ul	97

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

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