Quantitation Report (Qedit)

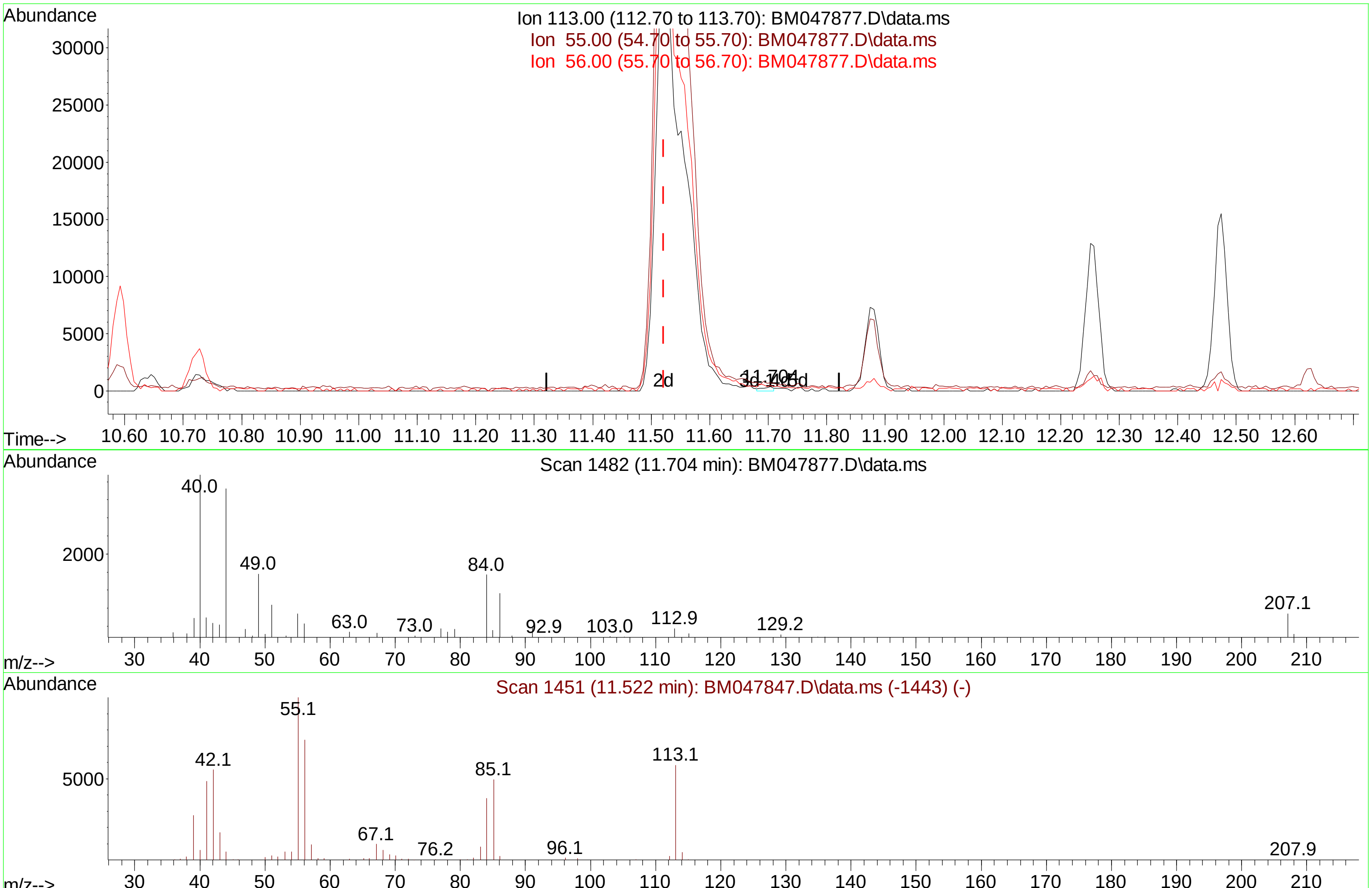
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047877.D
Acq On : 05 Oct 2024 15:24
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 05 23:06:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



TIC: BM047877.D\data.ms

(34) Caprolactam

11.704min (+ 0.182) 0.07 ng/ul

response 451

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	193.18
56.00	164.10	132.10
0.00	0.00	0.00

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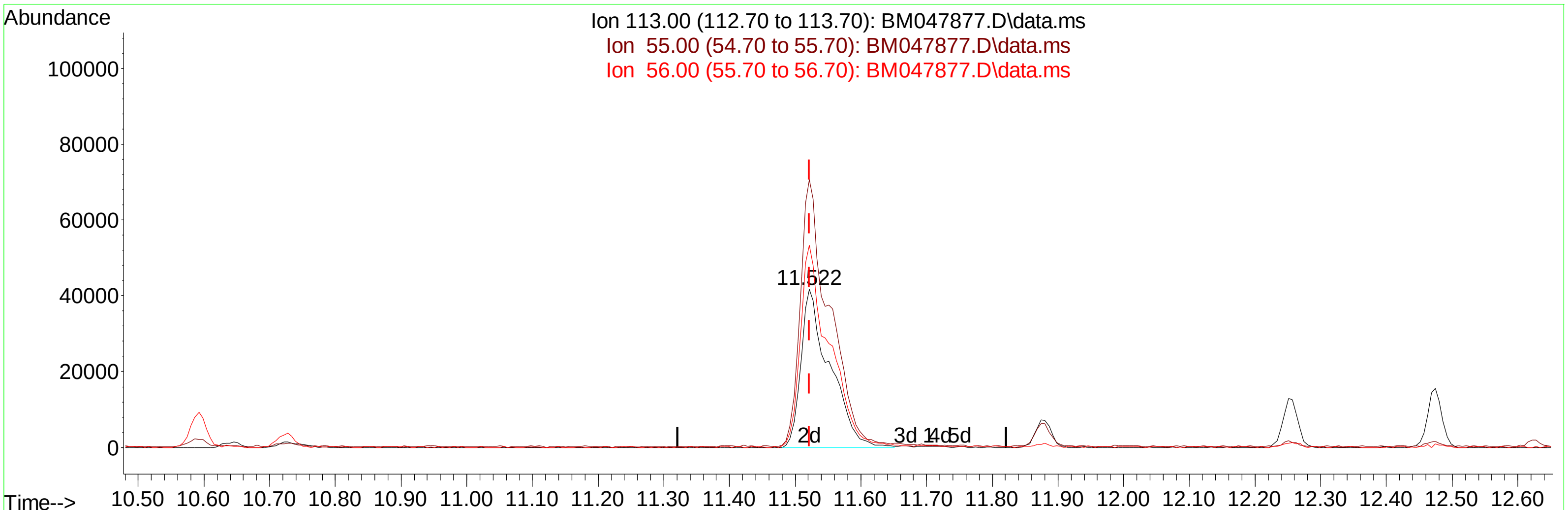

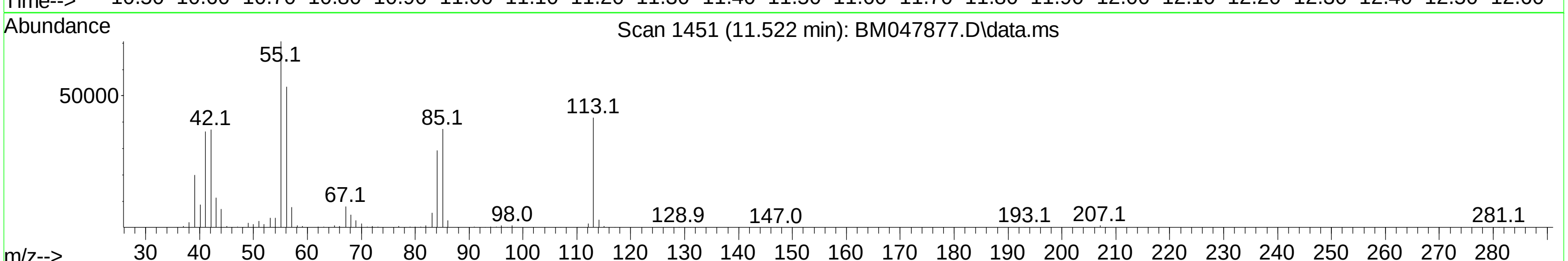

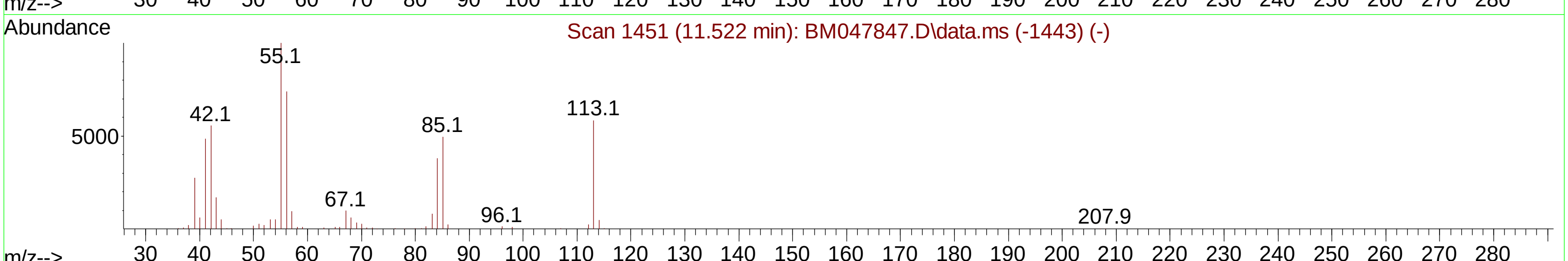

TIC: BM047877.D\data.ms

(34) Caprolactam

11.522min (+ 0.000) 18.90 ng/ul m

response 127397

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	169.51
56.00	164.10	128.21#
0.00	0.00	0.00

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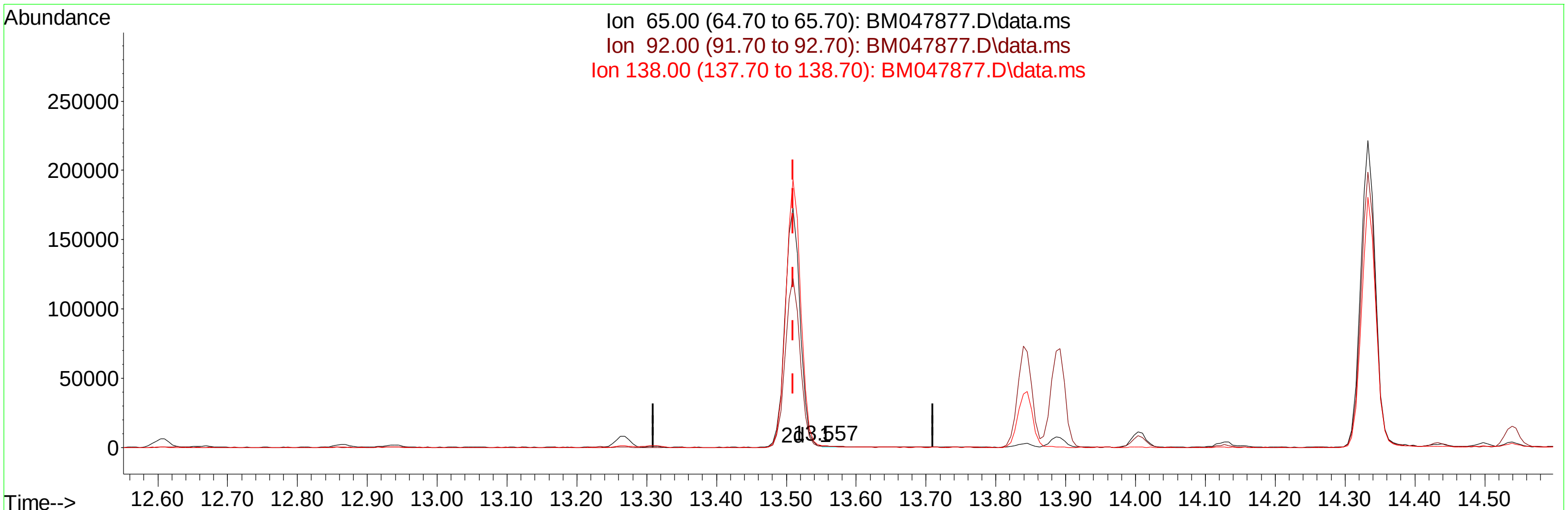

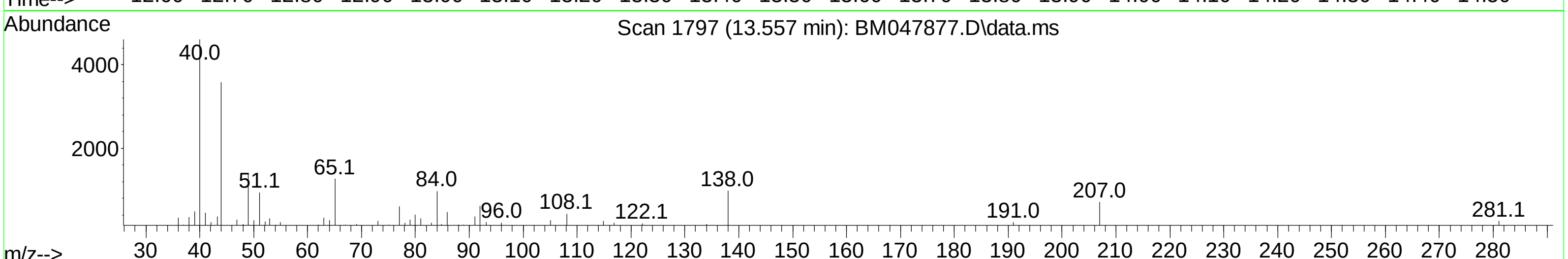

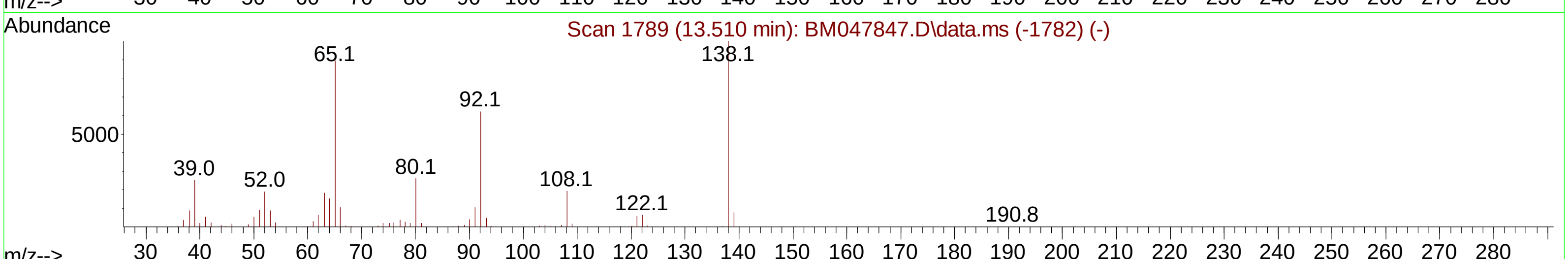

TIC: BM047877.D\data.ms

(45) 2-Nitroaniline

13.557min (+ 0.047) 0.07 ng/ul

response 1087

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	49.41
138.00	84.50	77.11
0.00	0.00	0.00

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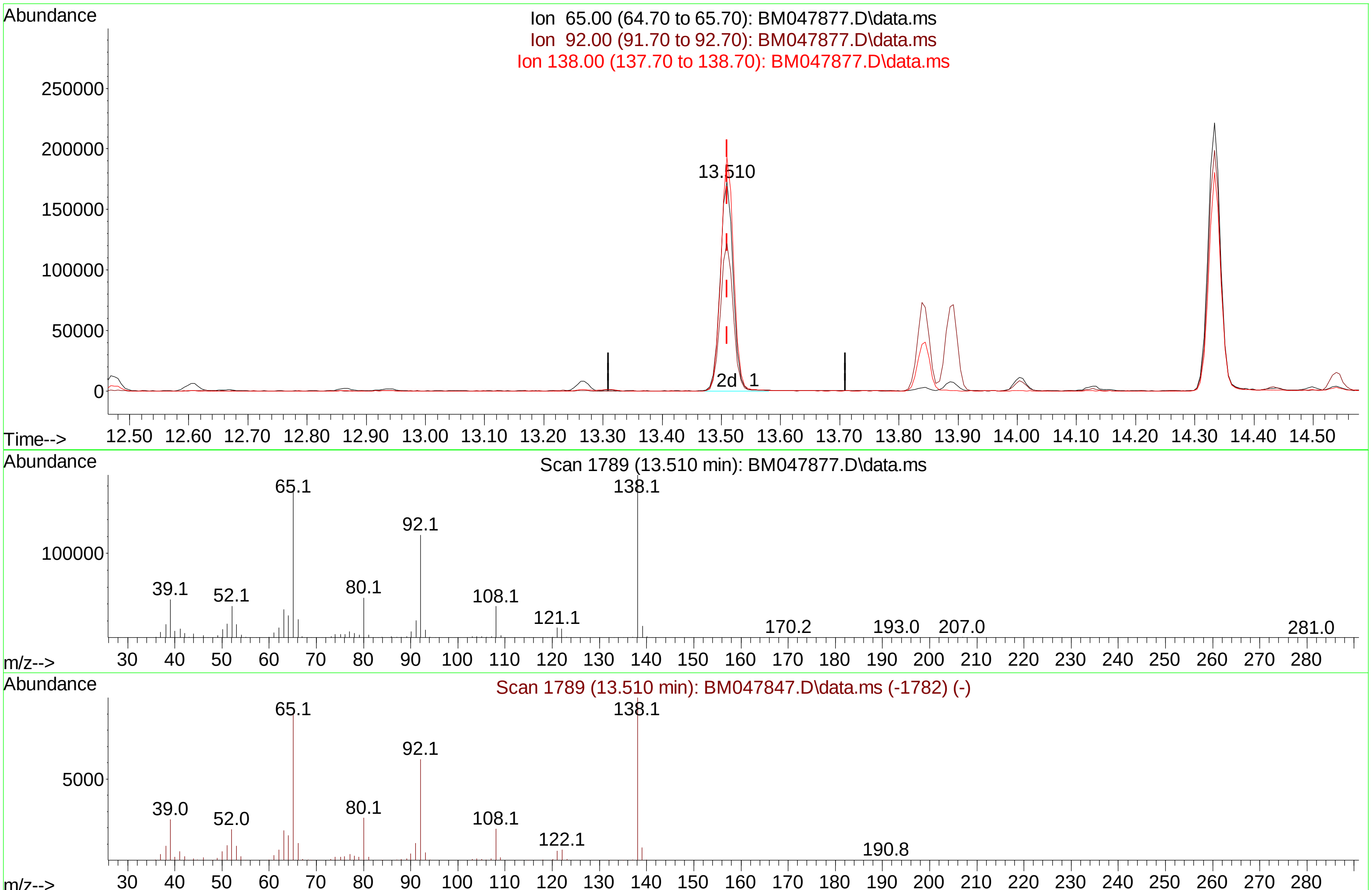

TIC: BM047877.D\data.ms

(45) 2-Nitroaniline

13.510min (+ 0.000) 16.39 ng/ul m

response 263832

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	70.69
138.00	84.50	111.90#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.798	152	330644	20.000 ng/ul	0.00
20) Naphthalene-d8	10.592	136	1338878	20.000 ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	818995	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1621971	20.000 ng/ul	0.00
79) Chrysene-d12	21.397	240	1472586	20.000 ng/ul	0.00
88) Perylene-d12	24.397	264	1696893	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.251	96	62750	6.133 ng/uL	0.00
4) Pyridine-d5	3.663	84	455665	15.210 ng/ul	0.00
7) Phenol-d5	6.969	99	536598	17.163 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	323632	14.587 ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	448826	19.731 ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	419564	18.049 ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	216176	20.279 ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	231199	22.632 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	428841	21.014 ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	585337	18.553 ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1123660	18.924 ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	1348810	19.159 ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	224006	18.948 ng/ul	0.00
60) Fluorene-d10	15.427	176	978392	19.023 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	147905	15.583 ng/ul	0.00
73) Anthracene-d10	17.268	188	1505492	18.877 ng/ul	0.00
81) Pyrene-d10	19.556	212	1678974	20.089 ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1650573	18.747 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.287	88	67735	6.061 ng/uL#	88
5) Pyridine	3.687	79	474170	15.034 ng/ul	89
6) Benzaldehyde	6.939	77	254807	14.986 ng/ul	93
8) Phenol	6.992	94	538118	16.175 ng/ul	92
10) Bis(2-Chloroethyl)ether	7.222	93	438441	16.540 ng/ul	90
12) 2-Chlorophenol	7.363	128	452410	18.773 ng/ul	93
13) 2-Methylphenol	8.245	108	414726	17.878 ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	645710	12.940 ng/ul#	94
16) Acetophenone	8.616	105	661292	16.626 ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.604	70	329510	15.641 ng/ul#	89
18) 4-Methylphenol	8.569	108	442796	16.986 ng/ul	98
19) Hexachloroethane	8.881	117	194725	17.977 ng/ul	87
22) Nitrobenzene	8.992	77	498783	16.471 ng/ul	93
23) Isophorone	9.522	82	933419	17.231 ng/ul#	94
25) 2-Nitrophenol	9.704	139	241878	20.697 ng/ul	90
26) 2,4-Dimethylphenol	9.769	107	456710	18.238 ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.004	93	571243	17.241 ng/ul	98
29) 2,4-Dichlorophenol	10.239	162	418791	19.874 ng/ul	98
30) Naphthalene	10.639	128	1428857	18.553 ng/ul	99
32) 4-Chloroaniline	10.751	127	560513	18.043 ng/ul	99
33) Hexachlorobutadiene	10.933	225	271250	19.482 ng/ul	99
34) Caprolactam	11.522	113	127397m	18.904 ng/ul	
35) 4-Chloro-3-methylphenol	11.874	107	419382	19.226 ng/ul	95

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.257	142	925505	18.914	ng/ul	97
37)	1-Methylnaphthalene	12.474	142	954630	19.175	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.627	216	495110	18.571	ng/ul#	97
40)	Hexachlorocyclopentadiene	12.610	237	230660	14.304	ng/ul	99
41)	2,4,6-Trichlorophenol	12.863	196	324726	21.051	ng/ul	100
42)	2,4,5-Trichlorophenol	12.939	196	343286	20.351	ng/ul	99
43)	1,1'-Biphenyl	13.268	154	1188922	18.131	ng/ul#	97
44)	2-Chloronaphthalene	13.310	162	945939	18.652	ng/ul	96
45)	2-Nitroaniline	13.510	65	263832m	16.388	ng/ul	
47)	Dimethylphthalate	13.892	163	1127306	18.747	ng/ul	100
48)	2,6-Dinitrotoluene	14.004	165	224349	21.243	ng/ul	87
50)	Acenaphthylene	14.157	152	1555026	19.586	ng/ul	99
51)	3-Nitroaniline	14.333	138	256221	20.046	ng/ul	87
52)	Acenaphthene	14.498	153	1012612	18.042	ng/ul	98
53)	2,4-Dinitrophenol	14.539	184	89989	13.790	ng/ul#	80
55)	4-Nitrophenol	14.645	109	164633	16.586	ng/ul	89
56)	Dibenzofuran	14.833	168	1373671	18.183	ng/ul	97
57)	2,4-Dinitrotoluene	14.792	165	330683	20.848	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	15.057	232	293400	22.066	ng/ul#	97
59)	Diethylphthalate	15.257	149	1143130	18.999	ng/ul	98
61)	Fluorene	15.480	166	1132054	17.961	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.474	204	560079	18.805	ng/ul	96
63)	4-Nitroaniline	15.492	138	272811	21.977	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.557	198	160554	15.266	ng/ul#	87
67)	N-Nitrosodiphenylamine	15.686	169	934101	18.481	ng/ul	98
68)	4-Bromophenyl-phenylether	16.368	248	338802	20.264	ng/ul	96
69)	Hexachlorobenzene	16.486	284	396010	20.354	ng/ul	92
70)	Atrazine	16.639	200	293117	17.422	ng/ul	99
71)	Pentachlorophenol	16.827	266	251992	20.368	ng/ul	99
72)	Phenanthrene	17.215	178	1738701	18.279	ng/ul	99
74)	Anthracene	17.304	178	1800683	18.561	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.233	216	484207	18.030	ng/uL	98
76)	Pentachlorobenzene	14.757	250	476802	18.189	ng/uL	98
77)	Carbazole	17.574	167	1618497	18.406	ng/ul	98
78)	Di-n-butylphthalate	18.139	149	1971557	20.139	ng/ul	98
80)	Fluoranthene	19.227	202	2000501	20.324	ng/ul	97
82)	Pyrene	19.586	202	2092832	19.103	ng/ul	97
83)	Butylbenzylphthalate	20.480	149	898274	23.192	ng/ul	86
84)	3,3'-Dichlorobenzidine	21.303	252	517707	16.638	ng/ul	98
85)	Benzo(a)anthracene	21.380	228	2002800	19.425	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.303	149	1334023	22.941	ng/ul#	97
87)	Chrysene	21.439	228	1859658	18.501	ng/ul	99
89)	Di-n-octyl phthalate	22.433	149	2334582	21.330	ng/ul	100
90)	Benzo(b)fluoranthene	23.450	252	1980754	18.718	ng/ul	98
91)	Benzo(k)fluoranthene	23.509	252	1973939	18.243	ng/ul	99
93)	Benzo(a)pyrene	24.256	252	1889146	18.797	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.779	276	2337313	18.148	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.838	278	1958080	18.551	ng/ul	97
96)	Benzo(g,h,i)perylene	28.838	276	1886432	18.694	ng/ul	96

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

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