Quantitation Report (Qedit)

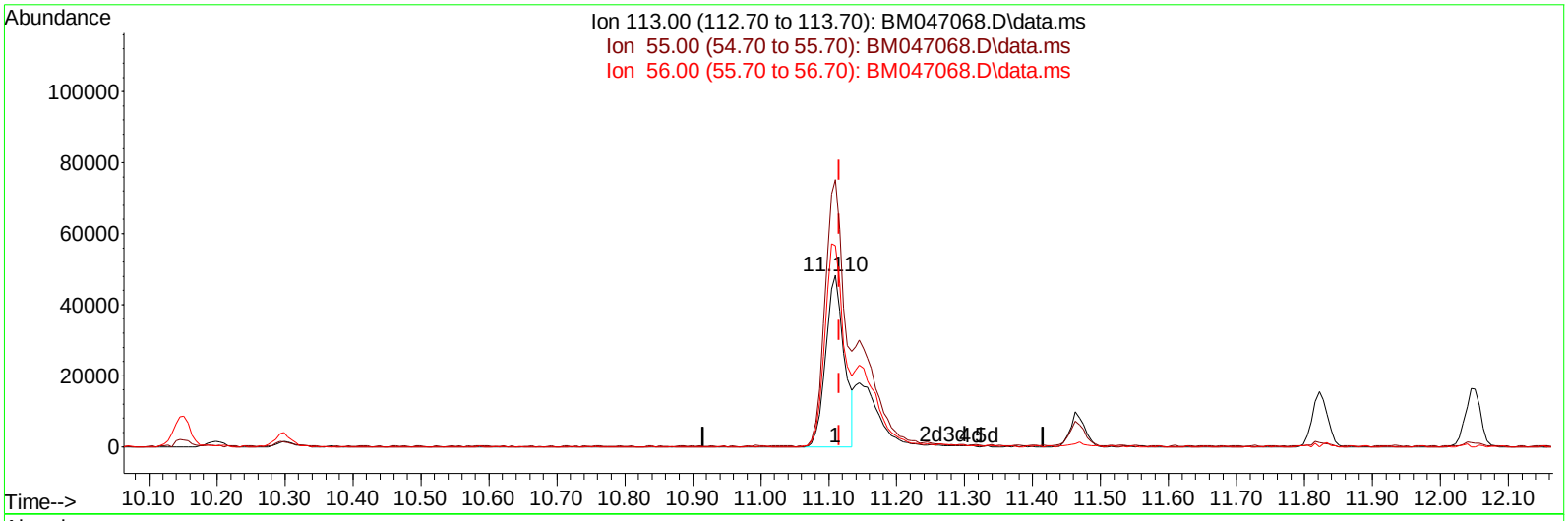
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047068.D
Acq On : 07 Aug 2024 22:48
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

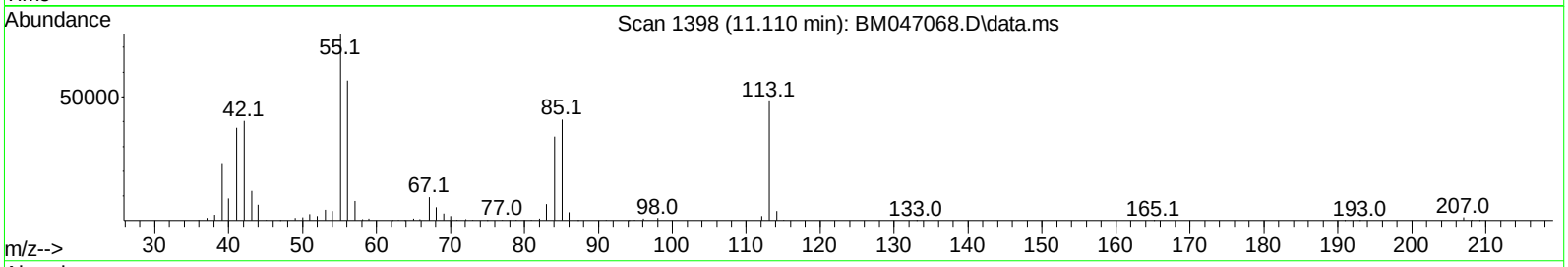
Quant Time: Aug 08 00:12:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

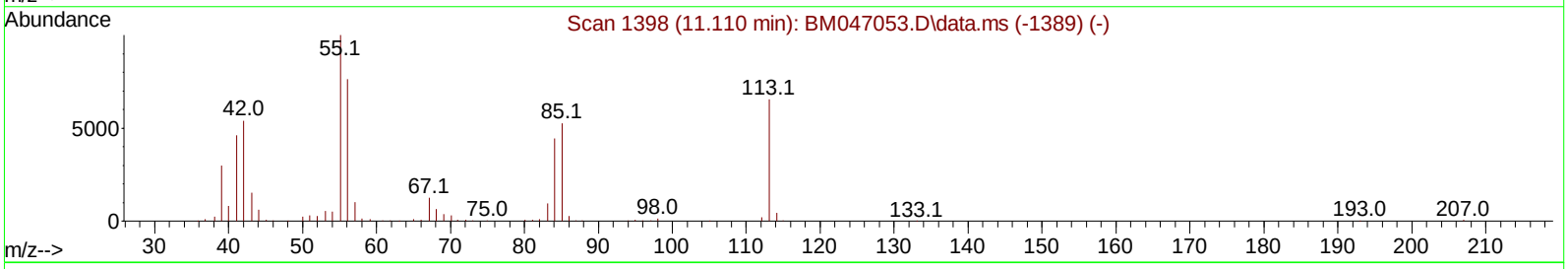
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024







TIC: BM047068.D\data.ms

(34) Caprolactam

11.110min (-0.006) 13.55 ng/ul

response 91415

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	155.87
56.00	118.20	117.47
0.00	0.00	0.00

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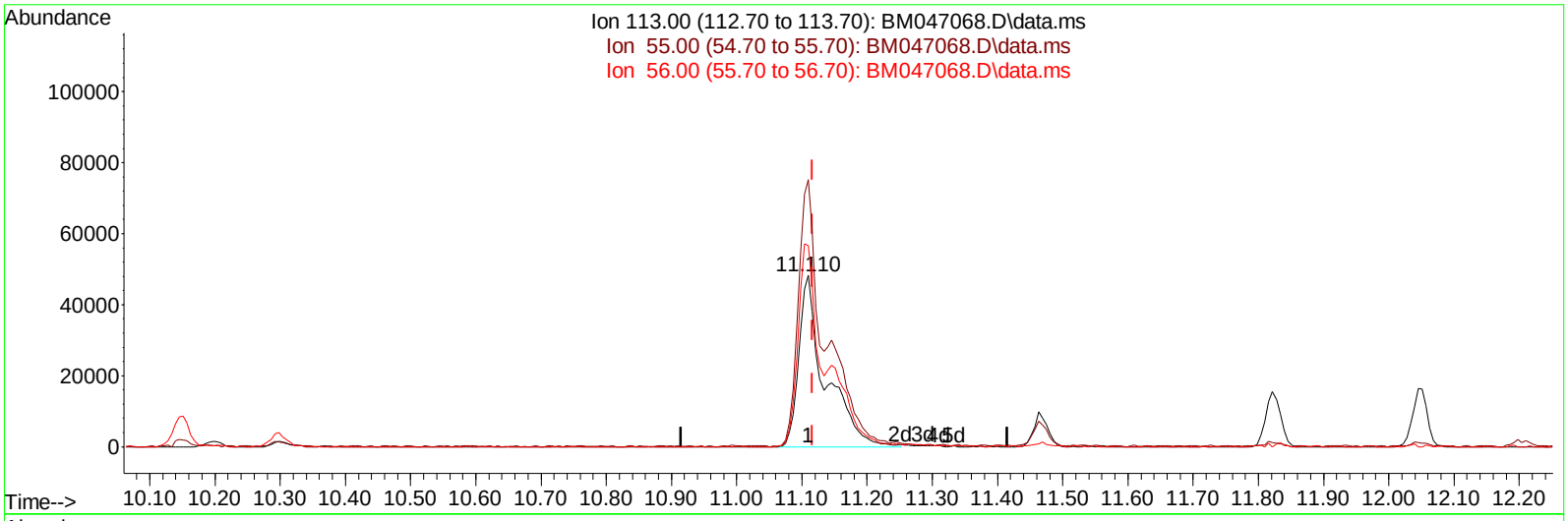

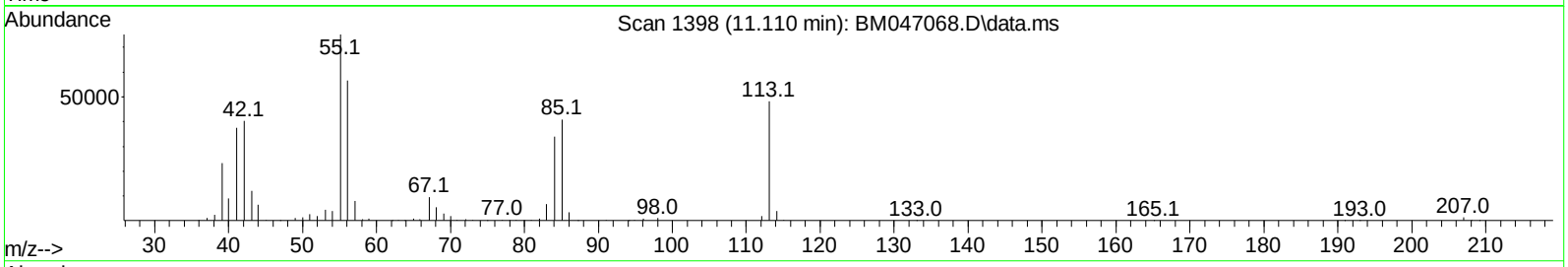

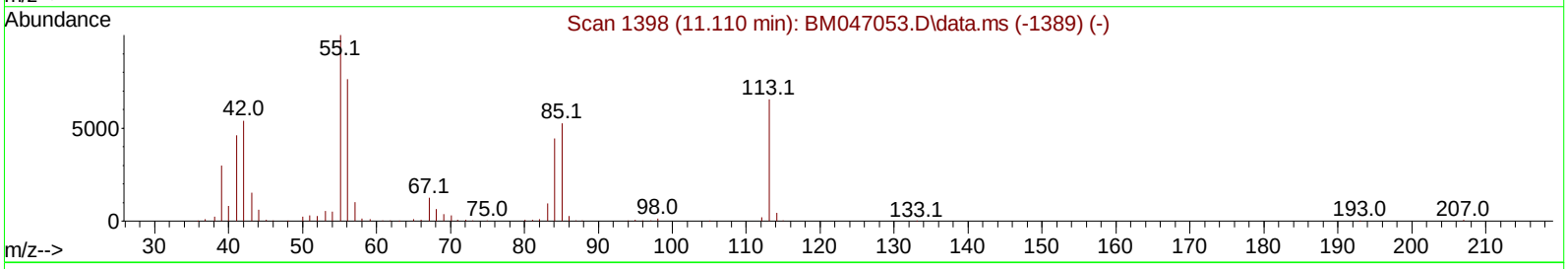

TIC: BM047068.D\data.ms

(34) Caprolactam

11.110min (-0.006) 20.20 ng/ul m

response 136309

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	155.87
56.00	118.20	117.47
0.00	0.00	0.00

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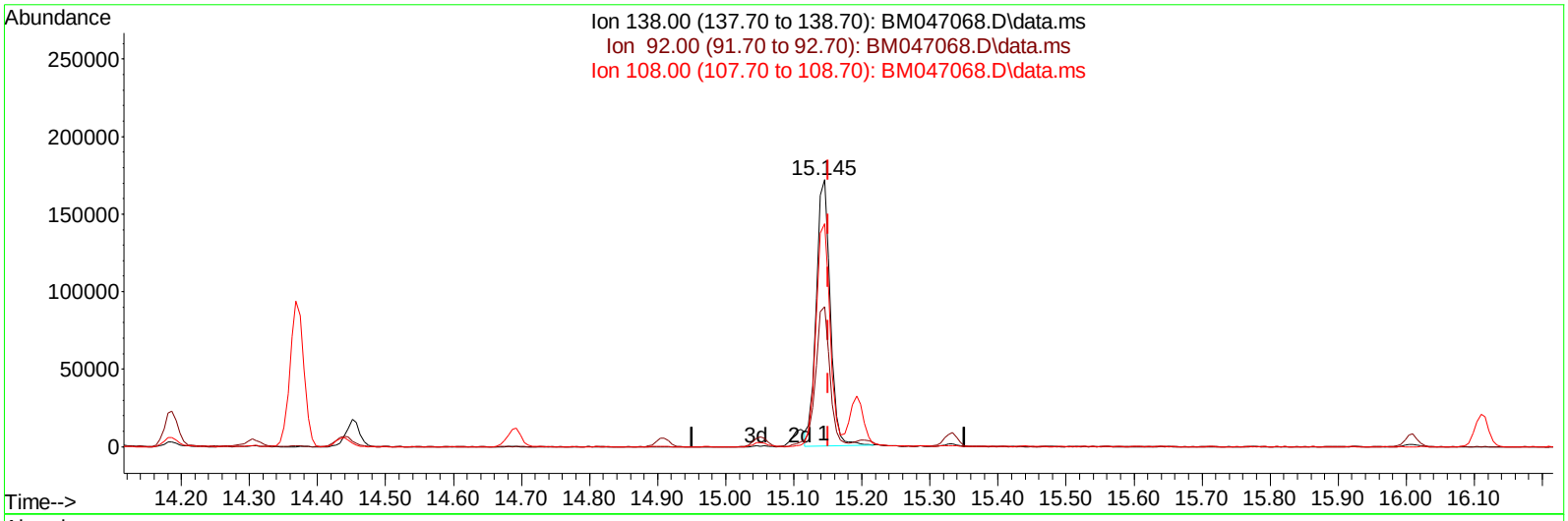

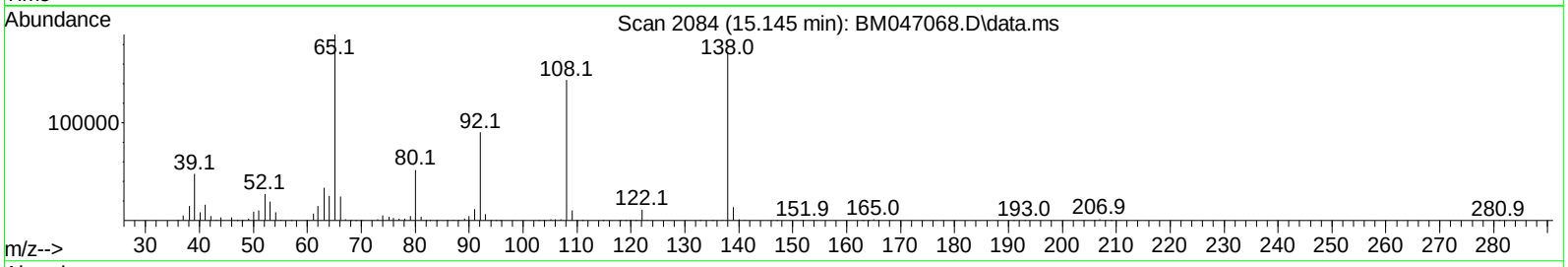

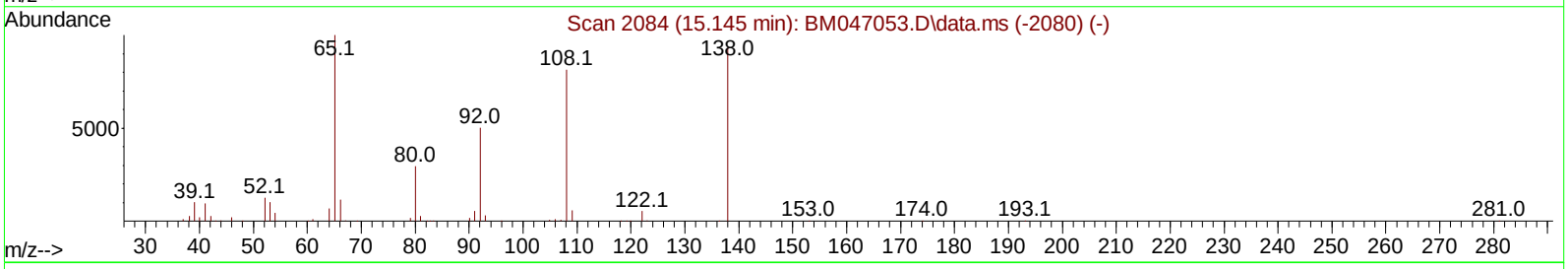

TIC: BM047068.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 19.89 ng/ul

response 245189

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.46
108.00	109.10	83.53#
0.00	0.00	0.00

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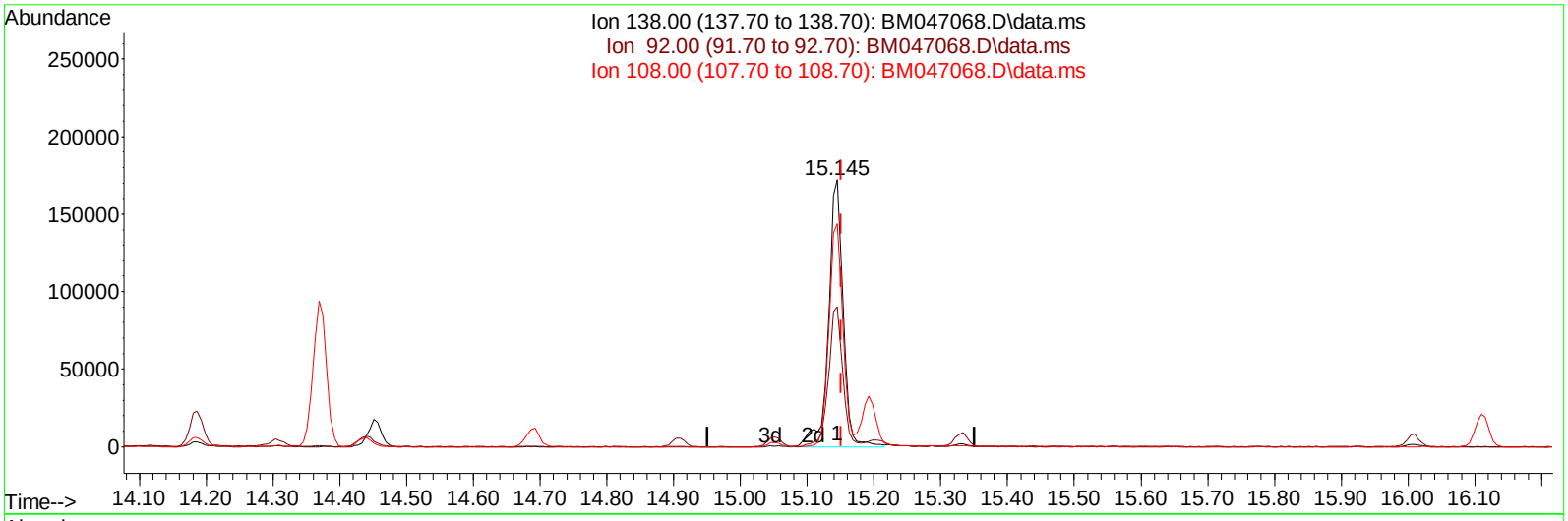

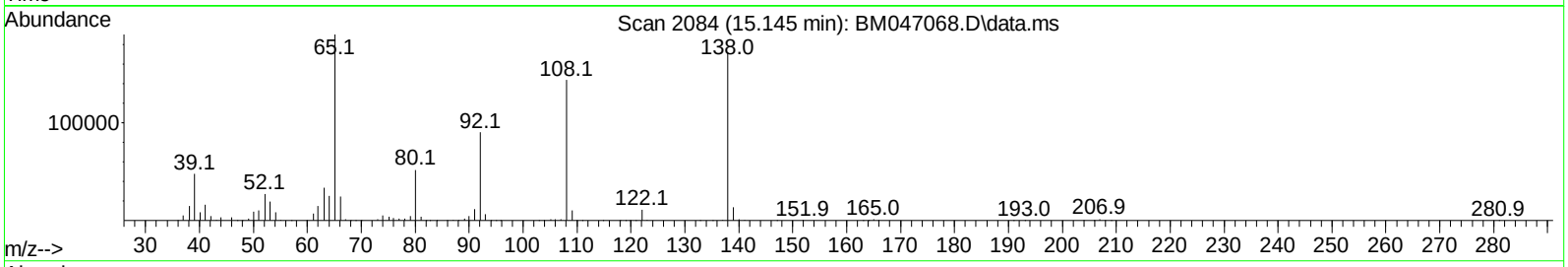

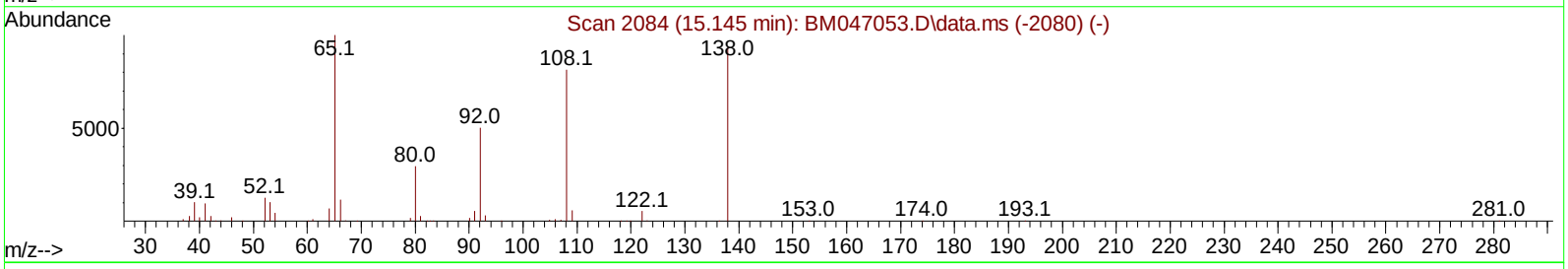

TIC: BM047068.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 21.42 ng/ul m

response 264111

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.46
108.00	109.10	83.53#
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	7.393	152	348280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1327796	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.045	164	821392	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1664811	20.000	ng/ul	-0.01
79) Chrysene-d12	21.039	240	1388826	20.000	ng/ul	-0.01
88) Perylene-d12	23.745	264	1628991	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	69103	7.861	ng/uL	0.00
4) Pyridine-d5	3.405	84	489427	20.411	ng/ul	0.00
7) Phenol-d5	6.599	99	560801	21.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.752	67	361358	20.758	ng/ul	0.00
11) 2-Chlorophenol-d4	6.934	132	465811	20.785	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	437938	20.895	ng/ul	0.00
21) Nitrobenzene-d5	8.540	128	223063	20.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	250402	21.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	470630	21.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.298	131	592528	20.181	ng/ul	0.00
46) Dimethylphthalate-d6	13.475	166	1232744	19.628	ng/ul	0.00
49) Acenaphthylene-d8	13.733	160	1467780	20.937	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	233287	19.211	ng/ul	0.00
60) Fluorene-d10	15.051	176	1048744	19.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	188061	17.880	ng/ul	0.00
73) Anthracene-d10	16.904	188	1587136	20.110	ng/ul	0.00
81) Pyrene-d10	19.215	212	1716772	21.594	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.562	264	1765024	20.577	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	72435	7.405	ng/uL	96
5) Pyridine	3.422	79	488296	20.569	ng/ul	94
6) Benzaldehyde	6.552	77	330559	21.752	ng/ul	99
8) Phenol	6.628	94	568833	21.349	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.840	93	478885	21.087	ng/ul	97
12) 2-Chlorophenol	6.969	128	475829	20.957	ng/ul	97
13) 2-Methylphenol	7.851	108	427419	21.059	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.916	45	619919	22.780	ng/ul	99
16) Acetophenone	8.210	105	671556	20.358	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.204	70	346201	19.901	ng/ul	95
18) 4-Methylphenol	8.175	108	464259	21.170	ng/ul	98
19) Hexachloroethane	8.446	117	212891	19.249	ng/ul	91
22) Nitrobenzene	8.581	77	559304	19.648	ng/ul	94
23) Isophorone	9.104	82	991044	20.346	ng/ul	99
25) 2-Nitrophenol	9.281	139	270197	21.228	ng/ul#	91
26) 2,4-Dimethylphenol	9.357	107	486288	19.382	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.592	93	616270	20.524	ng/ul	100
29) 2,4-Dichlorophenol	9.816	162	459110	20.606	ng/ul	96
30) Naphthalene	10.198	128	1414339	20.118	ng/ul	100
32) 4-Chloroaniline	10.322	127	581531	20.396	ng/ul	99
33) Hexachlorobutadiene	10.487	225	299014	18.602	ng/ul	99
34) Caprolactam	11.110	113	136309m	20.202	ng/ul	
35) 4-Chloro-3-methylphenol	11.469	107	454393	19.778	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.822	142	992265	20.214 ng/ul	99
37) 1-Methylnaphthalene	12.045	142	989416	19.911 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.204	216	531978	20.651 ng/ul	99
40) Hexachlorocyclopentadiene	12.181	237	260092	15.327 ng/ul#	96
41) 2,4,6-Trichlorophenol	12.463	196	363477	21.557 ng/ul	98
42) 2,4,5-Trichlorophenol	12.533	196	394797	21.686 ng/ul	99
43) 1,1'-Biphenyl	12.869	154	1266414	20.609 ng/ul	98
44) 2-Chloronaphthalene	12.904	162	1016767	20.836 ng/ul	98
45) 2-Nitroaniline	13.128	65	306978	20.700 ng/ul	97
47) Dimethylphthalate	13.522	163	1239821	19.673 ng/ul	100
48) 2,6-Dinitrotoluene	13.639	165	260980	21.303 ng/ul	86
50) Acenaphthylene	13.763	152	1512583	20.430 ng/ul	99
51) 3-Nitroaniline	13.969	138	268965	21.557 ng/ul	96
52) Acenaphthene	14.110	153	1067845	20.006 ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	135091	15.628 ng/ul#	86
55) 4-Nitrophenol	14.304	109	193605	15.753 ng/ul#	82
56) Dibenzofuran	14.451	168	1458537	19.470 ng/ul	96
57) 2,4-Dinitrotoluene	14.439	165	372155	19.878 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.692	232	309376	19.116 ng/ul#	92
59) Diethylphthalate	14.910	149	1251639	18.462 ng/ul	99
61) Fluorene	15.110	166	1184987	19.178 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.116	204	562286	18.486 ng/ul	92
63) 4-Nitroaniline	15.145	138	264111m	21.420 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	211418	18.370 ng/ul	91
67) N-Nitrosodiphenylamine	15.333	169	1031950	20.913 ng/ul	98
68) 4-Bromophenyl-phenylether	16.010	248	367768	20.409 ng/ul	92
69) Hexachlorobenzene	16.110	284	424933	20.027 ng/ul	100
70) Atrazine	16.304	200	371753	19.201 ng/ul	99
71) Pentachlorophenol	16.469	266	276756	19.265 ng/ul	97
72) Phenanthrene	16.851	178	1860914	19.941 ng/ul	99
74) Anthracene	16.939	178	1846998	19.625 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.828	216	537009	22.419 ng/uL	97
76) Pentachlorobenzene	14.369	250	510461	20.588 ng/uL	99
77) Carbazole	17.221	167	1746256	20.015 ng/ul	99
78) Di-n-butylphthalate	17.804	149	2108481	19.004 ng/ul	98
80) Fluoranthene	18.880	202	2091010	22.007 ng/ul	99
82) Pyrene	19.245	202	2171639	21.450 ng/ul	96
83) Butylbenzylphthalate	20.186	149	931664	21.055 ng/ul	100
84) 3,3'-Dichlorobenzidine	20.962	252	617832	18.147 ng/ul	99
85) Benzo(a)anthracene	21.021	228	2059860	20.308 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.986	149	1331689	20.615 ng/ul	99
87) Chrysene	21.080	228	1916633	19.812 ng/ul	99
89) Di-n-octyl phthalate	22.021	149	2317078	20.162 ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	2094692	20.788 ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	2028234	20.369 ng/ul	99
93) Benzo(a)pyrene	23.621	252	1925291	20.509 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	2436990	20.262 ng/ul	98
95) Dibenzo(a,h)anthracene	26.803	278	1948200	20.166 ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	1890461	19.894 ng/ul	98

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

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