Quantitation Report (Qedit)

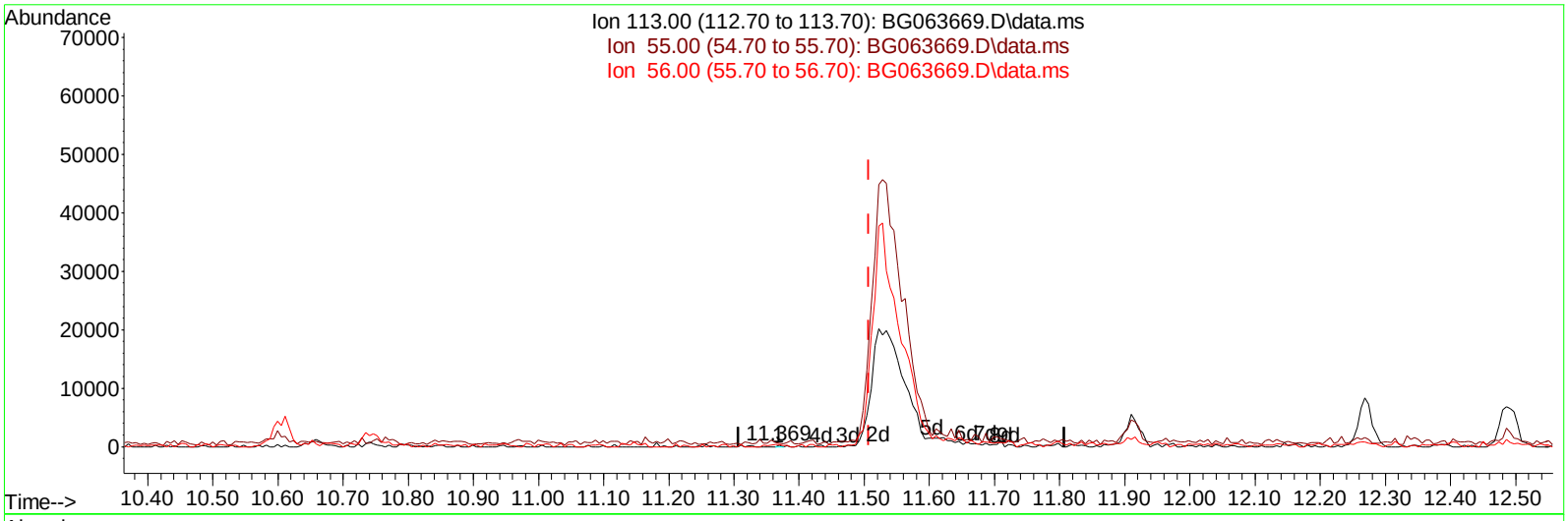
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063669.D
Acq On : 12 Dec 2024 16:10
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

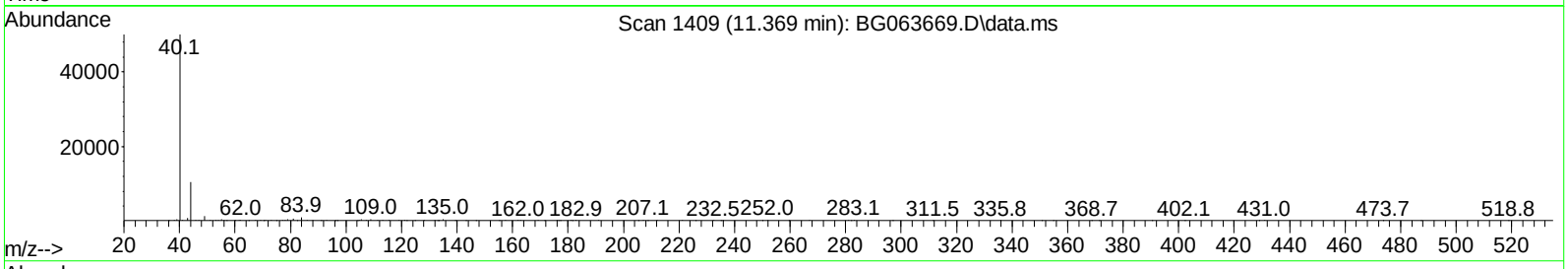
Quant Time: Dec 12 22:12:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

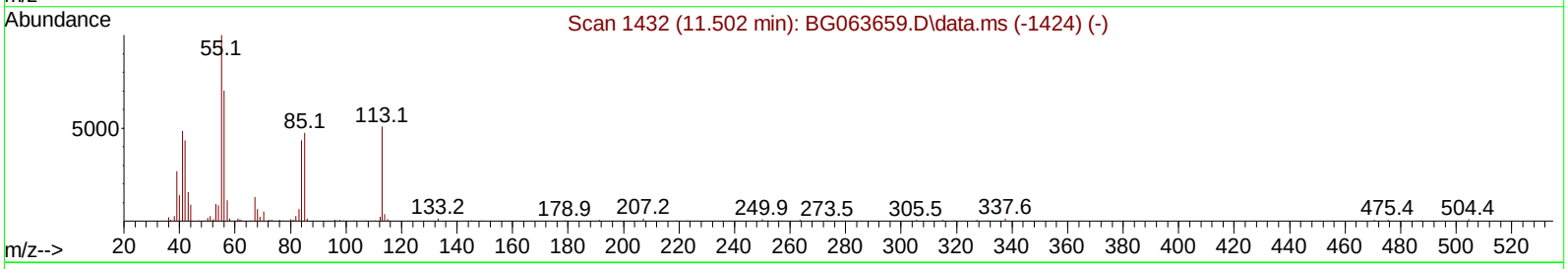
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BG063669.D\data.ms

(34) Caprolactam

11.369min (-0.138) 0.03 ng/ul

response 87

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	226.83
56.00	133.90	143.90
0.00	0.00	0.00

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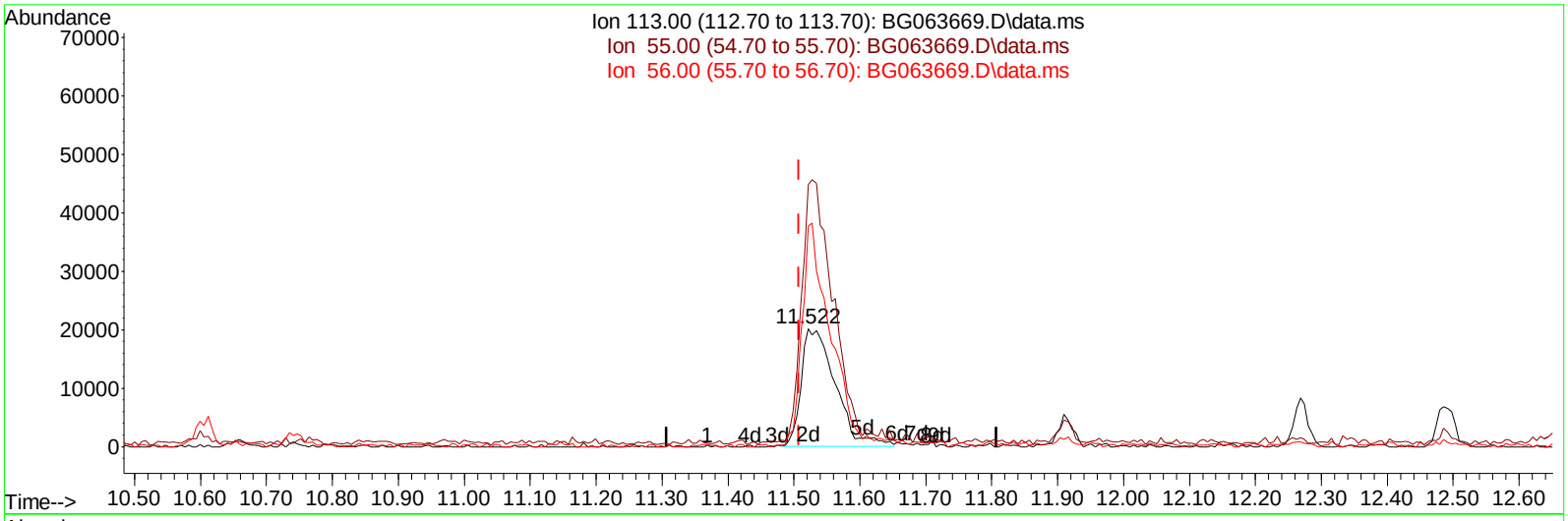

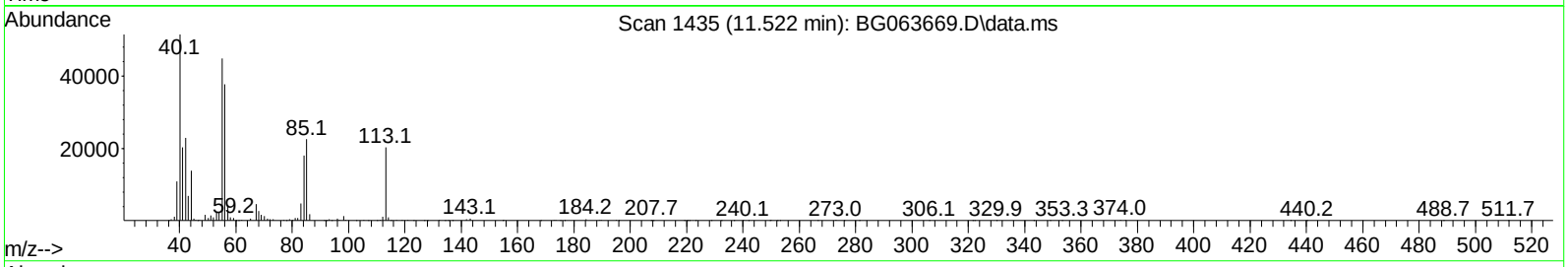

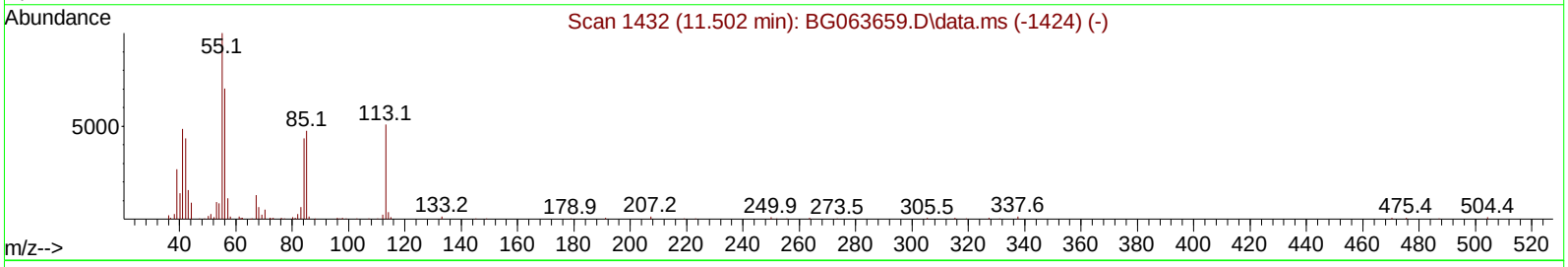

TIC: BG063669.D\data.ms

(34) Caprolactam

11.522min (+ 0.015) 24.37 ng/ul m

response 71862

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	221.63
56.00	133.90	186.24#
0.00	0.00	0.00

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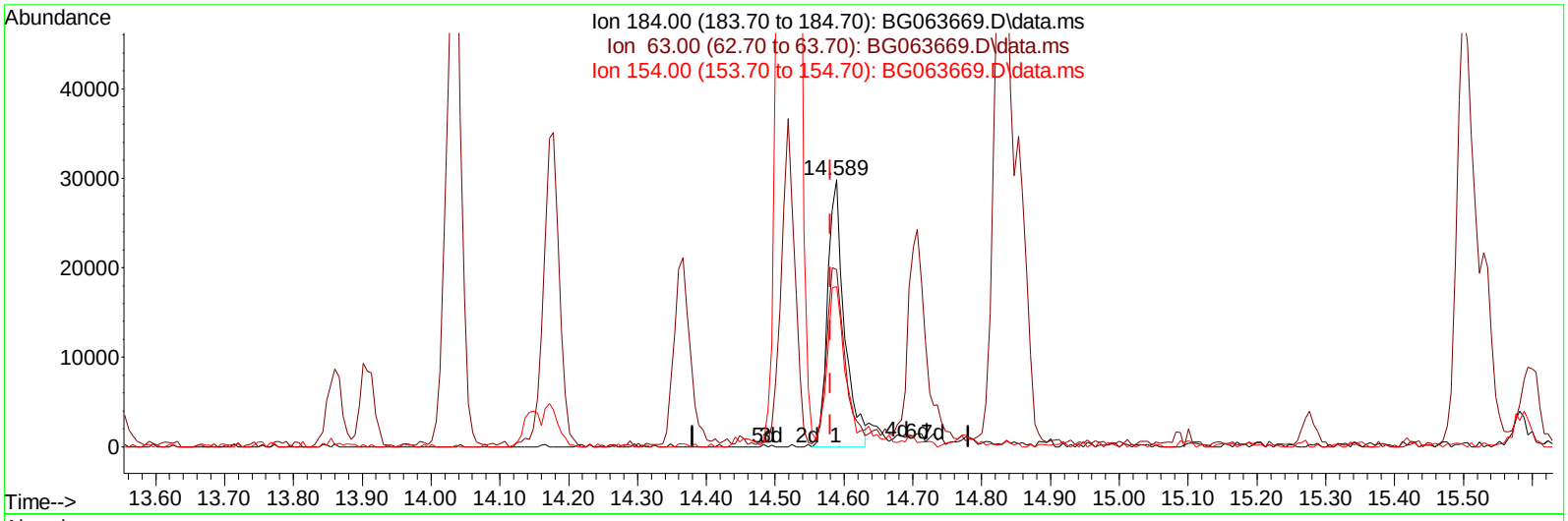

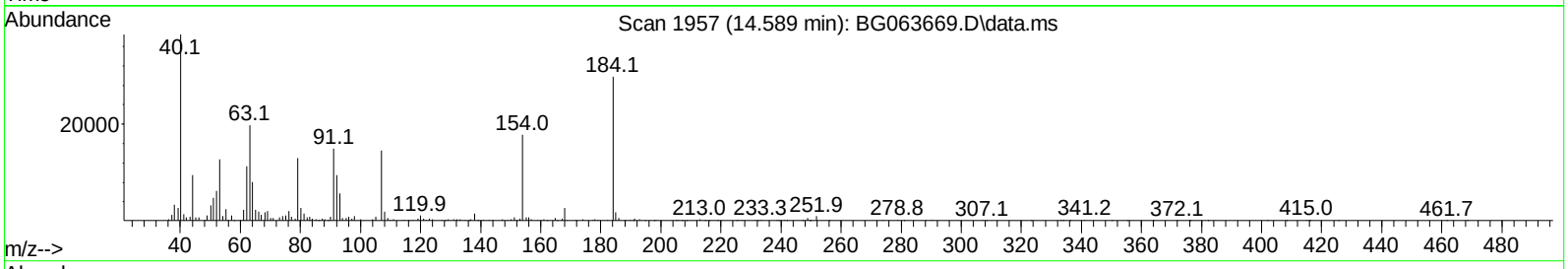

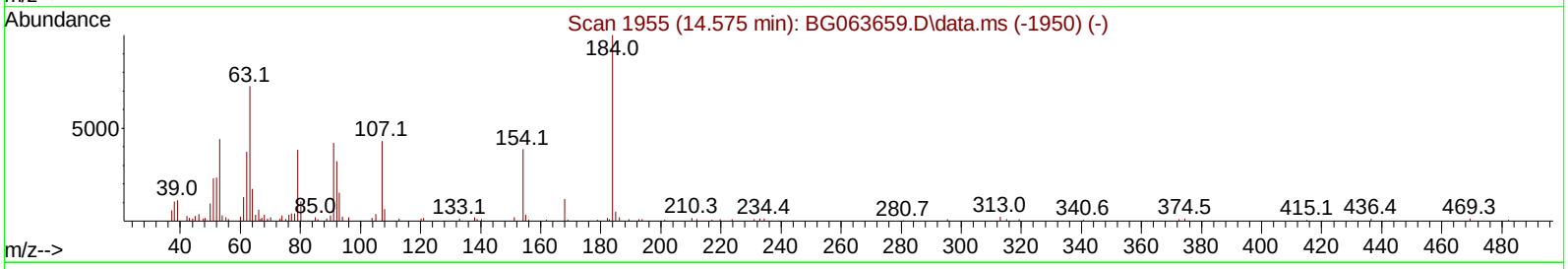

TIC: BG063669.D\data.ms

(53) 2,4-Dinitrophenol

14.589min (+ 0.009) 17.94 ng/ul

response 50603

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	66.36
154.00	59.70	59.90
0.00	0.00	0.00

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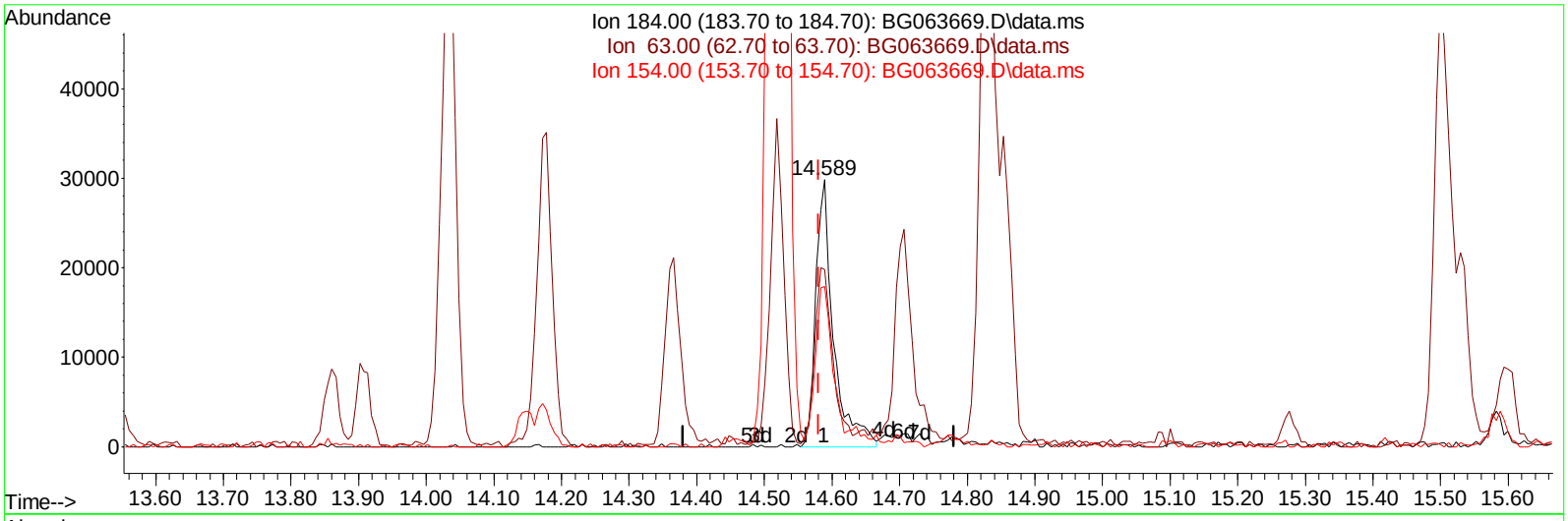

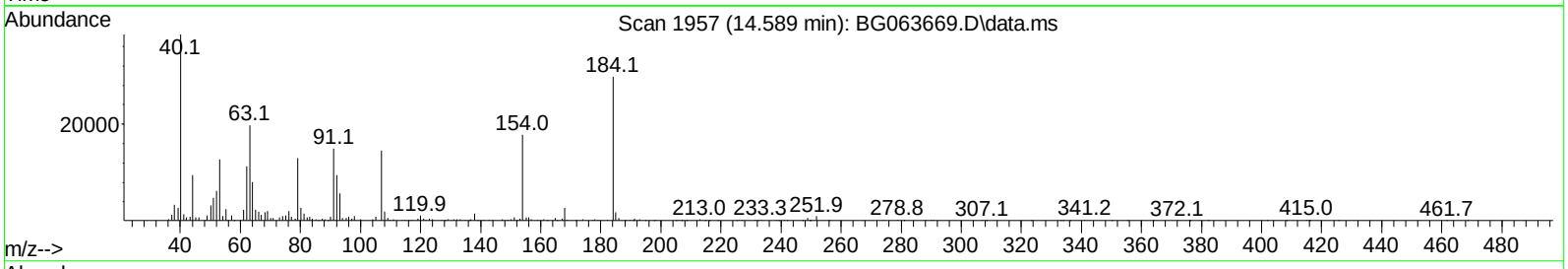

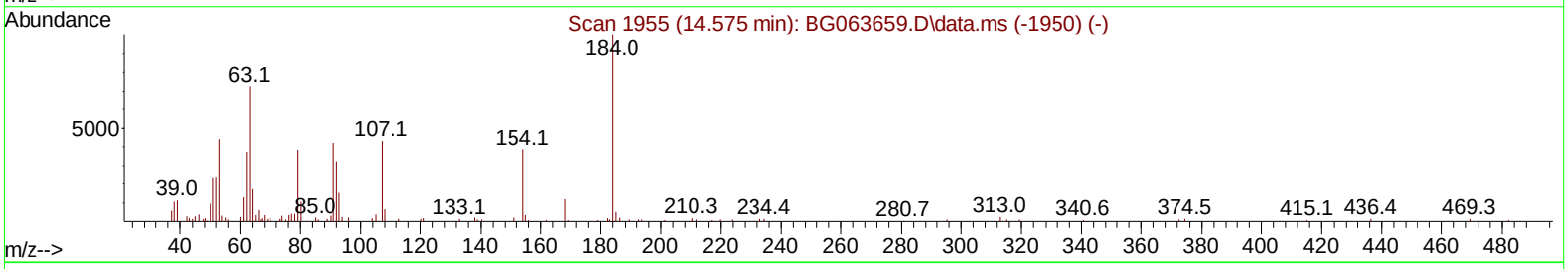

TIC: BG063669.D\data.ms

(53) 2,4-Dinitrophenol

14.589min (+ 0.009) 19.27 ng/ul m

response 54348

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	66.36
154.00	59.70	59.90
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	7.815	152	124226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	554015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.454	164	435840	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1054360	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	937121	20.000	ng/ul	0.00
88) Perylene-d12	24.489	264	1076033	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	23436	7.393	ng/uL	0.00
4) Pyridine-d5	3.684	84	201445	20.144	ng/ul	0.00
7) Phenol-d5	7.004	99	239203	20.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	152752	19.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.356	132	158098	21.344	ng/ul	0.00
15) 4-Methylphenol-d8	8.531	113	200436	22.565	ng/ul	0.00
21) Nitrobenzene-d5	8.966	128	88306	22.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.689	143	105527	23.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	198944	23.174	ng/ul	0.00
31) 4-Chloroaniline-d4	10.741	131	262333	24.066	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	680103	22.932	ng/ul	0.00
49) Acenaphthylene-d8	14.148	160	766074	22.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.695	143	101936	24.259	ng/ul	0.02
60) Fluorene-d10	15.453	176	590567	22.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.588	200	109729	20.044	ng/ul	0.00
73) Anthracene-d10	17.309	188	1018429	22.467	ng/ul	0.00
81) Pyrene-d10	19.607	212	1143984	23.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.278	264	1135150	22.464	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	27742	7.395	ng/uL#	91
5) Pyridine	3.708	79	205886	19.222	ng/ul	95
6) Benzaldehyde	6.957	77	166637	23.744	ng/ul	94
8) Phenol	7.027	94	258749	21.220	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.239	93	193255	20.715	ng/ul	96
12) 2-Chlorophenol	7.386	128	162570	21.683	ng/ul	95
13) 2-Methylphenol	8.273	108	195749	22.212	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.332	45	306711	22.145	ng/ul	98
16) Acetophenone	8.631	105	342007	22.700	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.614	70	198247	22.052	ng/ul	91
18) 4-Methylphenol	8.596	108	218674	22.671	ng/ul	96
19) Hexachloroethane	8.890	117	77906	21.147	ng/ul	98
22) Nitrobenzene	9.013	77	288994	21.878	ng/ul	99
23) Isophorone	9.530	82	565432	22.655	ng/ul#	96
25) 2-Nitrophenol	9.724	139	108561	23.823	ng/ul	89
26) 2,4-Dimethylphenol	9.795	107	236163	22.838	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.018	93	295900	21.919	ng/ul#	98
29) 2,4-Dichlorophenol	10.271	162	195356	22.902	ng/ul	93
30) Naphthalene	10.652	128	606099	21.882	ng/ul	99
32) 4-Chloroaniline	10.770	127	244541	23.579	ng/ul	97
33) Hexachlorobutadiene	10.940	225	138850	20.036	ng/ul	96
34) Caprolactam	11.522	113	71862m	24.370	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	239947	23.959	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.268	142	455681	22.890	ng/ul	99
37) 1-Methylnaphthalene	12.486	142	469872	23.172	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.644	216	279578	20.038	ng/ul#	98
40) Hexachlorocyclopentadiene	12.621	237	63281	11.473	ng/ul	99
41) 2,4,6-Trichlorophenol	12.891	196	184977	23.457	ng/ul	96
42) 2,4,5-Trichlorophenol	12.973	196	198184	24.081	ng/ul	96
43) 1,1'-Biphenyl	13.285	154	635184	22.099	ng/ul	93
44) 2-Chloronaphthalene	13.326	162	502723	21.781	ng/ul	99
45) 2-Nitroaniline	13.537	65	183240	23.701	ng/ul	97
47) Dimethylphthalate	13.907	163	691102	23.252	ng/ul	97
48) 2,6-Dinitrotoluene	14.031	165	129367	23.436	ng/ul	96
50) Acenaphthylene	14.178	152	817084	22.540	ng/ul	98
51) 3-Nitroaniline	14.366	138	131127	25.693	ng/ul	91
52) Acenaphthene	14.519	153	560812	21.827	ng/ul	97
53) 2,4-Dinitrophenol	14.589	184	54348m	19.266	ng/ul	
55) 4-Nitrophenol	14.707	109	101001	23.148	ng/ul	92
56) Dibenzofuran	14.853	168	809813	22.356	ng/ul	99
57) 2,4-Dinitrotoluene	14.830	165	188772	23.015	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.094	232	165442	23.321	ng/ul#	96
59) Diethylphthalate	15.276	149	669875	23.313	ng/ul	97
61) Fluorene	15.506	166	661844	22.882	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.500	204	351700	21.826	ng/ul	96
63) 4-Nitroaniline	15.535	138	134873	26.397	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.600	198	115010	20.393	ng/ul	92
67) N-Nitrosodiphenylamine	15.717	169	589397	23.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.399	248	225308	20.968	ng/ul	97
69) Hexachlorobenzene	16.522	284	254626	21.150	ng/ul	95
70) Atrazine	16.669	200	251220	23.277	ng/ul	98
71) Pentachlorophenol	16.869	266	110981	21.864	ng/ul	92
72) Phenanthrene	17.251	178	1142805	22.492	ng/ul	98
74) Anthracene	17.345	178	1185336	23.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.249	216	283564	20.157	ng/ul	96
76) Pentachlorobenzene	14.783	250	286199	20.536	ng/ul	98
77) Carbazole	17.615	167	1037385	24.920	ng/ul	100
78) Di-n-butylphthalate	18.173	149	1243313	24.731	ng/ul	99
80) Fluoranthene	19.272	202	1351604	24.385	ng/ul	98
82) Pyrene	19.636	202	1429276	24.237	ng/ul	97
83) Butylbenzylphthalate	20.529	149	512628	28.319	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	432337	25.556	ng/ul#	94
85) Benzo(a)anthracene	21.440	228	1336058	22.749	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.352	149	761959	28.936	ng/ul	100
87) Chrysene	21.504	228	1273954	22.759	ng/ul	96
89) Di-n-octyl phthalate	22.491	149	1335005	28.744	ng/ul	100
90) Benzo(b)fluoranthene	23.531	252	1318006	21.551	ng/ul	98
91) Benzo(k)fluoranthene	23.590	252	1361248	22.314	ng/ul#	98
93) Benzo(a)pyrene	24.342	252	1284076	22.369	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.909	276	1599278	22.813	ng/ul	98
95) Dibenzo(a,h)anthracene	27.950	278	1330073	23.712	ng/ul	95
96) Benzo(g,h,i)perylene	28.972	276	1254299	22.548	ng/ul	97

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

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