Quantitation Report (Qedit)

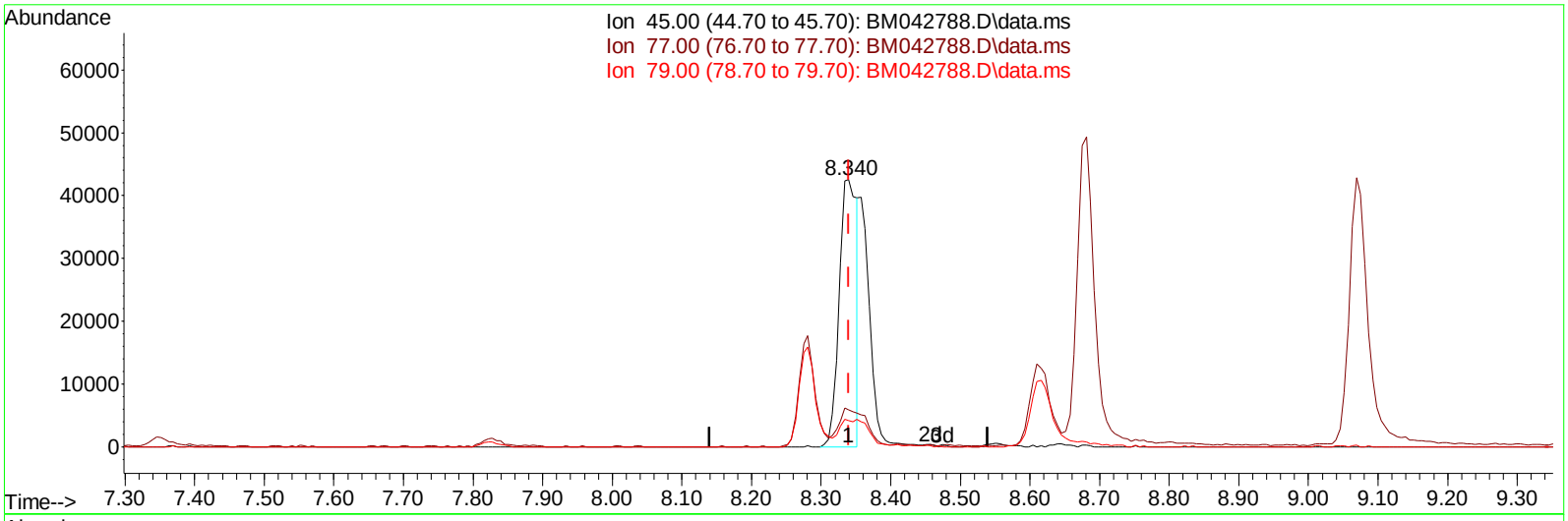
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042788.D
Acq On : 16 Nov 2023 03:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

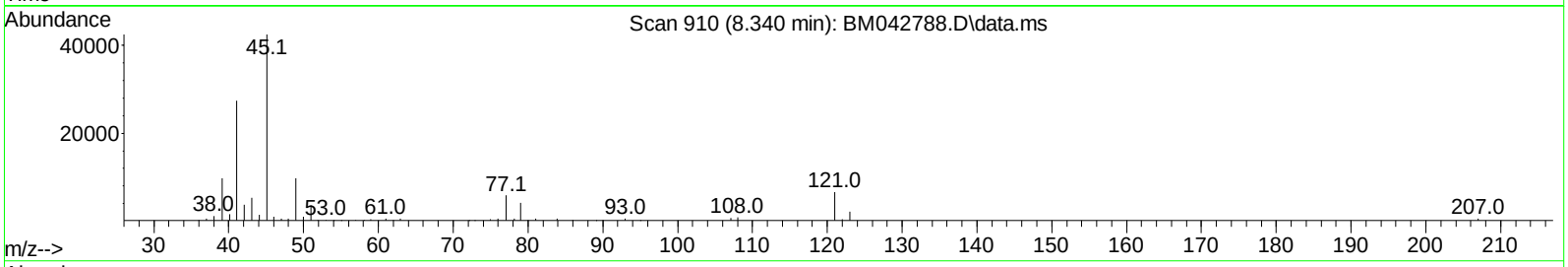
Quant Time: Nov 16 04:20:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

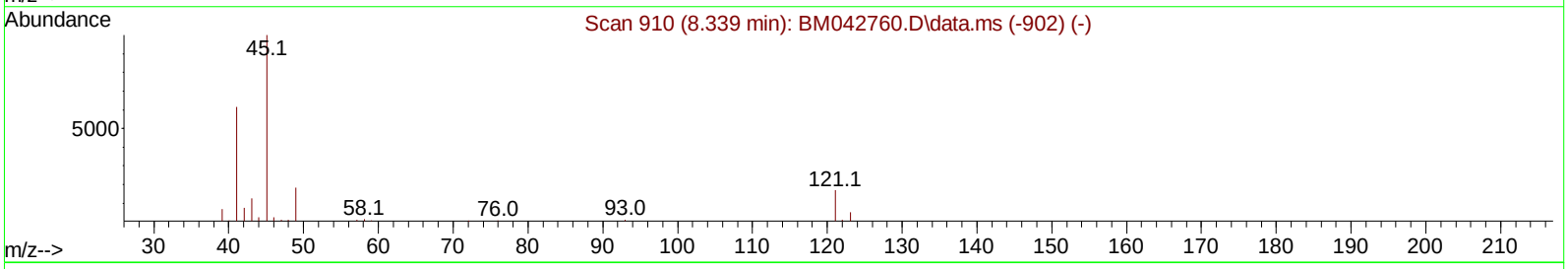
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042788.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.340min (-0.000) 15.02 ng/ul

response 75497

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.81
79.00	10.20	9.81
0.00	0.00	0.00

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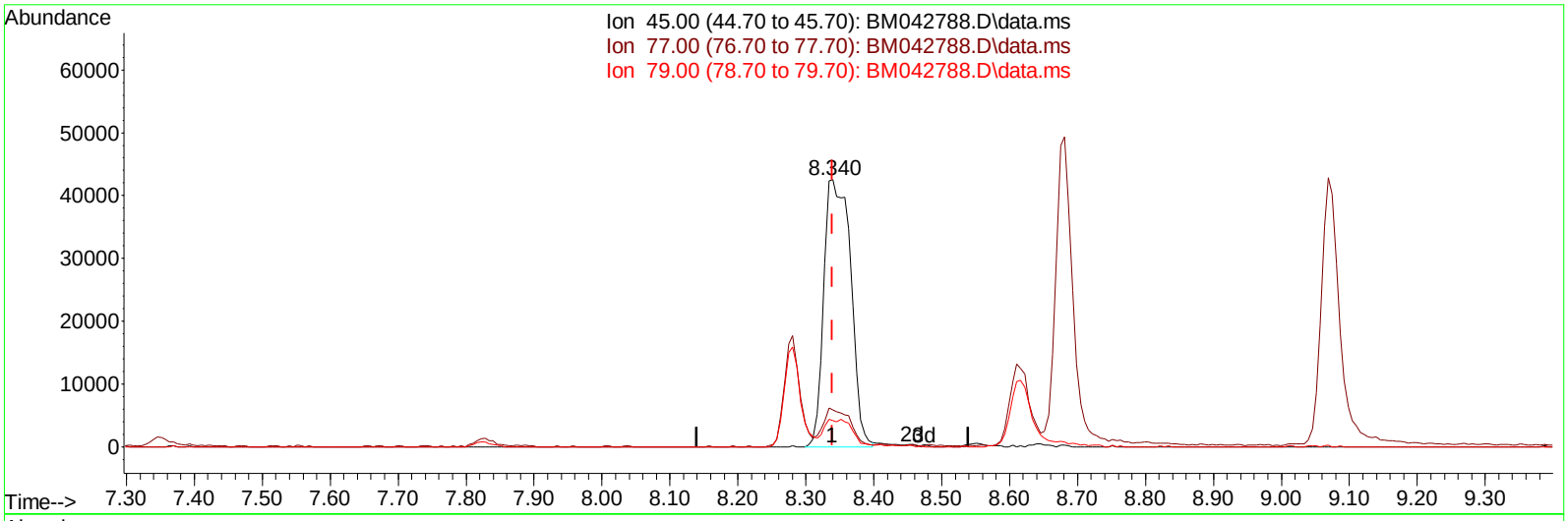

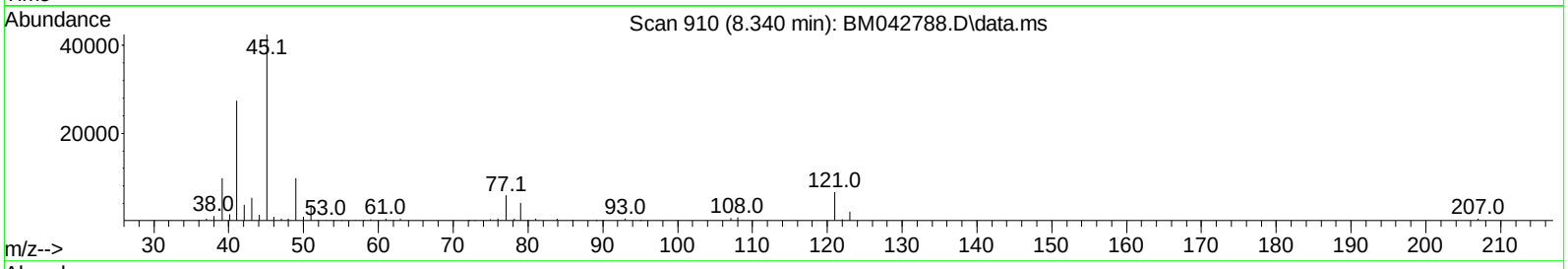

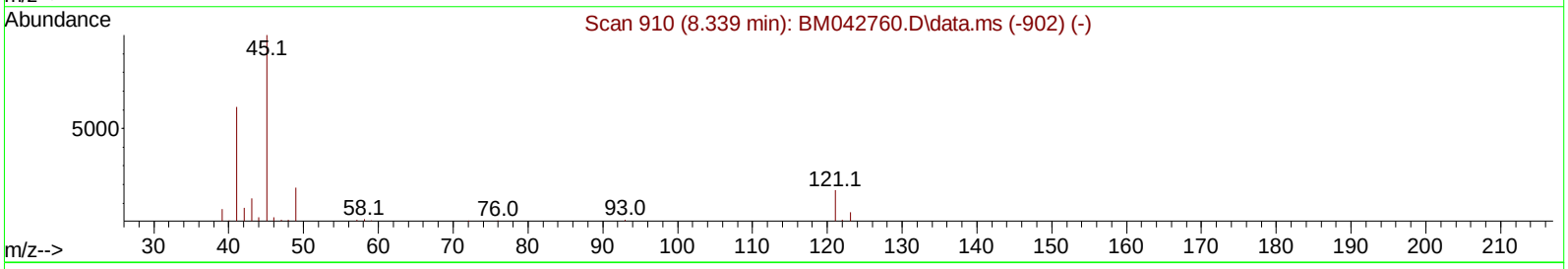

TIC: BM042788.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.340min (-0.000) 23.18 ng/ul m

response 116559

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.81
79.00	10.20	9.81
0.00	0.00	0.00

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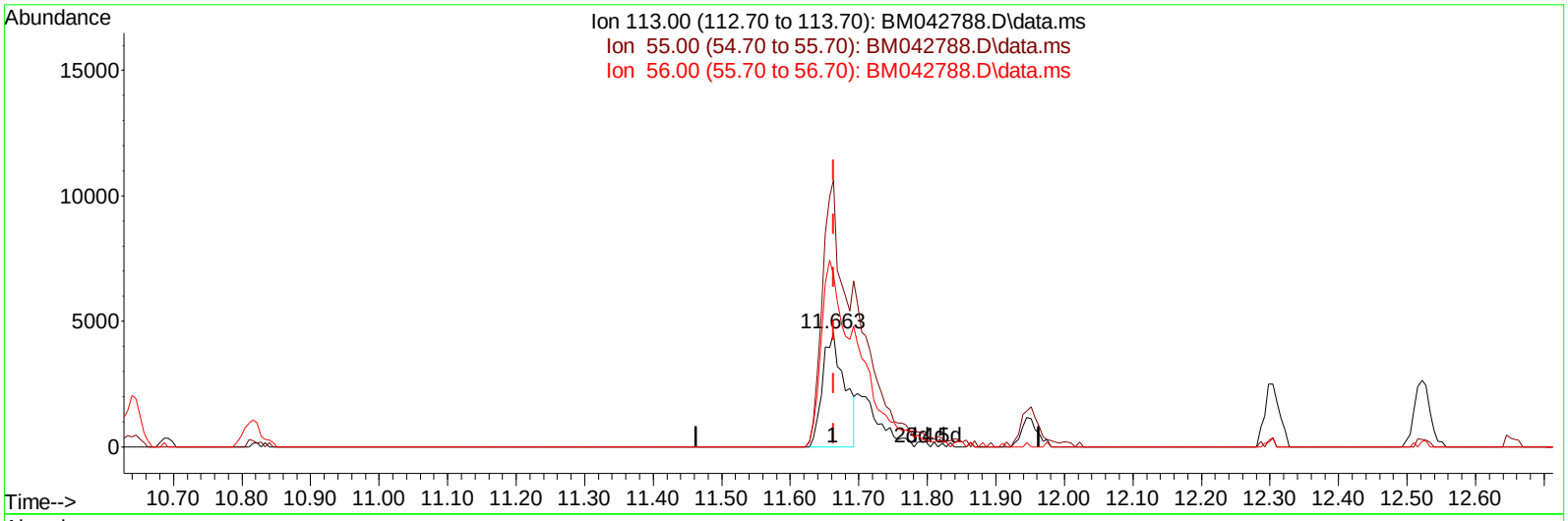

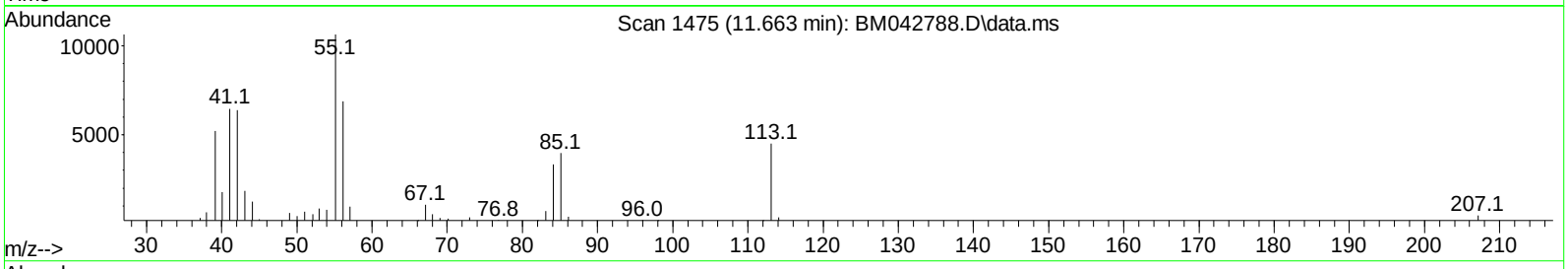

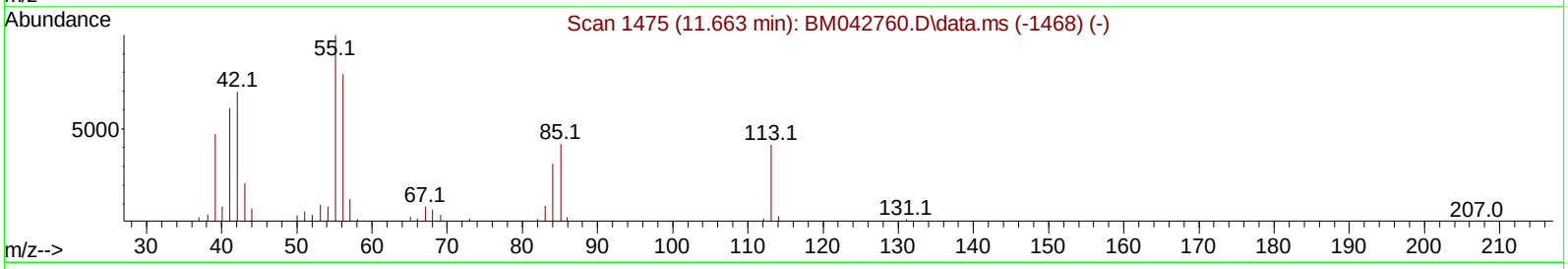

TIC: BM042788.D\data.ms

(34) Caprolactam

11.663min (-0.000) 12.97 ng/ul

response 10127

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	235.43
56.00	167.90	152.07
0.00	0.00	0.00

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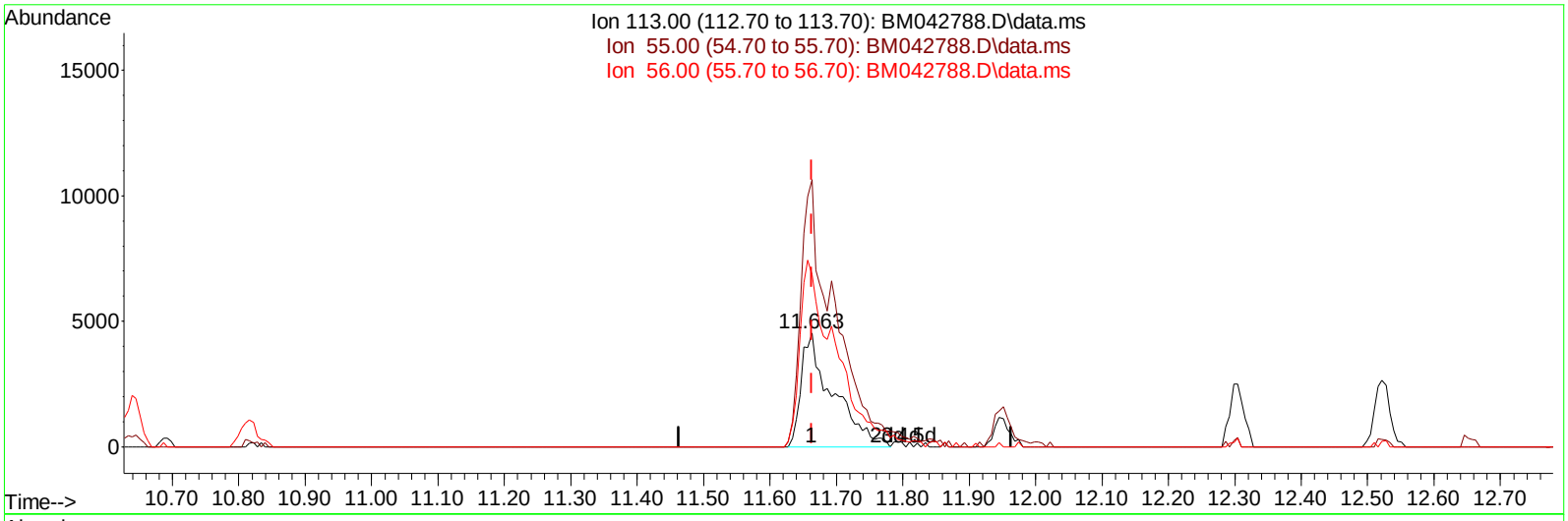

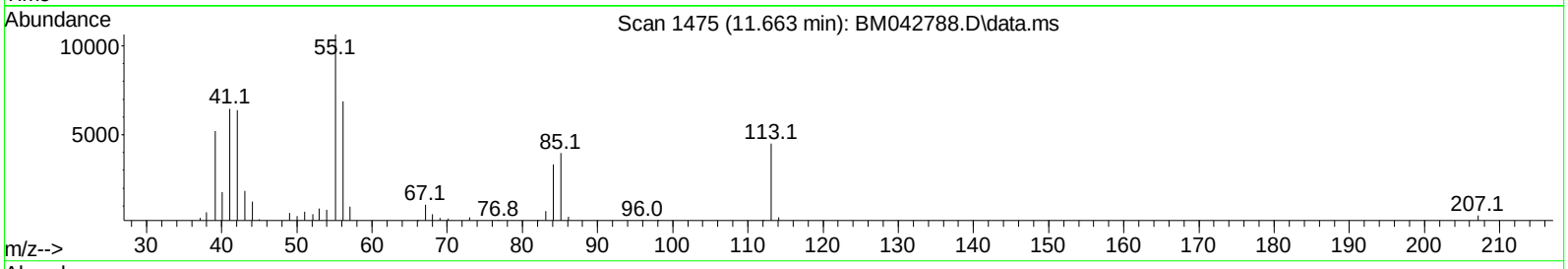

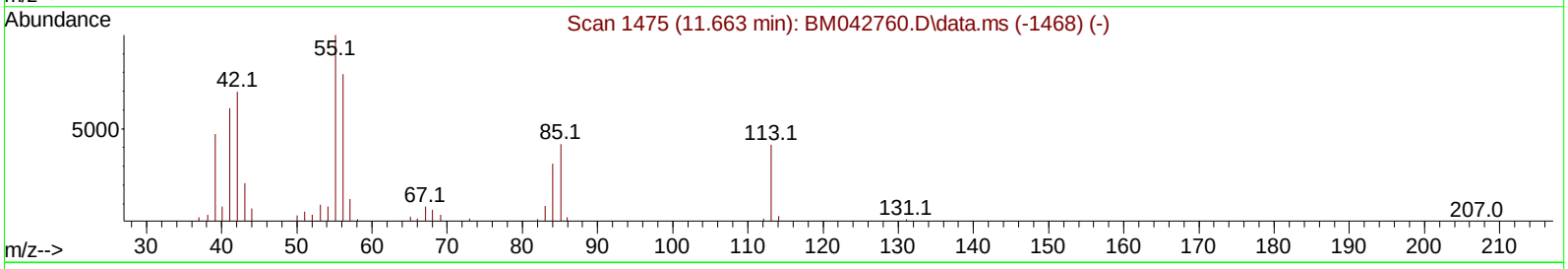

TIC: BM042788.D\data.ms

(34) Caprolactam

11.663min (-0.000) 19.21 ng/ul m

response 14995

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	235.43
56.00	167.90	152.07
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	7.828	152	34539	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	145797	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.480	164	102984	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	235864	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	276576	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	304336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8305	7.545	ng/uL	0.00
4) Pyridine-d5	3.616	84	57053	20.837	ng/ul	0.00
7) Phenol-d5	6.993	99	69560	20.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	53286	22.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	51417	19.823	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	53407	20.178	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	24160	18.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	26677	17.840	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	55366	19.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	65862	18.656	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	184917	18.972	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	197728	18.960	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	17877	16.234	ng/ul	0.00
60) Fluorene-d10	15.474	176	151693	18.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	28839	16.142	ng/ul	0.00
73) Anthracene-d10	17.339	188	244659	18.509	ng/ul	0.00
81) Pyrene-d10	19.633	212	325837	17.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	344626	18.931	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	9036	7.708	ng/uL	92
5) Pyridine	3.634	79	63911	21.466	ng/ul	99
6) Benzaldehyde	6.993	77	49337	25.581	ng/ul	98
8) Phenol	7.022	94	67422	20.164	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.269	93	59236	21.447	ng/ul	96
12) 2-Chlorophenol	7.381	128	51452	19.932	ng/ul#	85
13) 2-Methylphenol	8.281	108	47262	18.955	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.340	45	116559m	23.182	ng/ul	
16) Acetophenone	8.681	105	87931	19.758	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.645	70	57871	21.361	ng/ul	90
18) 4-Methylphenol	8.616	108	52312	19.297	ng/ul	95
19) Hexachloroethane	8.881	117	29398	20.433	ng/ul	91
22) Nitrobenzene	9.069	77	78213	20.244	ng/ul	97
23) Isophorone	9.575	82	154703	20.105	ng/ul	97
25) 2-Nitrophenol	9.775	139	28559	18.798	ng/ul	96
26) 2,4-Dimethylphenol	9.816	107	63140	19.424	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.069	93	80103	20.601	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	51910	19.719	ng/ul	96
30) Naphthalene	10.692	128	179878	19.693	ng/ul	98
32) 4-Chloroaniline	10.839	127	62810	18.545	ng/ul	97
33) Hexachlorobutadiene	10.910	225	43672	18.781	ng/ul	97
34) Caprolactam	11.663	113	14995m	19.211	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	56913	20.176	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	12.304	142	119840	19.576	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	125425	19.487	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	77643	19.224	ng/ul	98
40) Hexachlorocyclopentadiene	12.592	237	43667	22.837	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	46301	18.768	ng/ul	95
42) 2,4,5-Trichlorophenol	12.992	196	46369	19.465	ng/ul	94
43) 1,1'-Biphenyl	13.316	154	164269	19.127	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	129209	18.701	ng/ul	97
45) 2-Nitroaniline	13.616	65	45105	20.017	ng/ul	92
47) Dimethylphthalate	13.951	163	179897	18.950	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	33143	18.583	ng/ul	91
50) Acenaphthylene	14.210	152	223522	19.128	ng/ul	99
51) 3-Nitroaniline	14.451	138	25095	17.207	ng/ul	93
52) Acenaphthene	14.545	153	152196	19.258	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	16215	18.285	ng/ul	86
55) 4-Nitrophenol	14.751	109	29872	17.239	ng/ul	96
56) Dibenzofuran	14.886	168	209279	19.079	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	50839	19.416	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.104	232	46155	18.665	ng/ul#	99
59) Diethylphthalate	15.304	149	189096	18.995	ng/ul	99
61) Fluorene	15.533	166	182193	19.564	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	96928	19.313	ng/ul	94
63) 4-Nitroaniline	15.616	138	25660	19.299	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	31418	17.273	ng/ul	90
67) N-Nitrosodiphenylamine	15.751	169	138768	18.758	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	57612	18.350	ng/ul	96
69) Hexachlorobenzene	16.498	284	72207	18.814	ng/ul	99
70) Atrazine	16.704	200	53665	18.833	ng/ul	97
71) Pentachlorophenol	16.868	266	39073	17.679	ng/ul	98
72) Phenanthrene	17.280	178	284371	19.299	ng/ul	98
74) Anthracene	17.368	178	279671	18.870	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	80171	19.223	ng/uL	96
76) Pentachlorobenzene	14.775	250	83254	19.025	ng/uL	96
77) Carbazole	17.663	167	228509	18.672	ng/ul	99
78) Di-n-butylphthalate	18.180	149	330408	18.463	ng/ul	98
80) Fluoranthene	19.292	202	360003	17.433	ng/ul	98
82) Pyrene	19.662	202	387266	17.687	ng/ul	99
83) Butylbenzylphthalate	20.545	149	153426	16.405	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.351	252	121504	17.165	ng/ul	98
85) Benzo(a)anthracene	21.403	228	401871	18.510	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	232944	16.417	ng/ul	99
87) Chrysene	21.456	228	375567	17.837	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	406912	16.552	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	394227	18.981	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	424228	19.188	ng/ul	98
93) Benzo(a)pyrene	23.674	252	390988	19.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.244	276	484951	19.281	ng/ul	97
95) Dibenzo(a,h)anthracene	26.256	278	398095	19.091	ng/ul	98
96) Benzo(g,h,i)perylene	27.015	276	380274	19.040	ng/ul	98

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

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