Quantitation Report (Qedit)

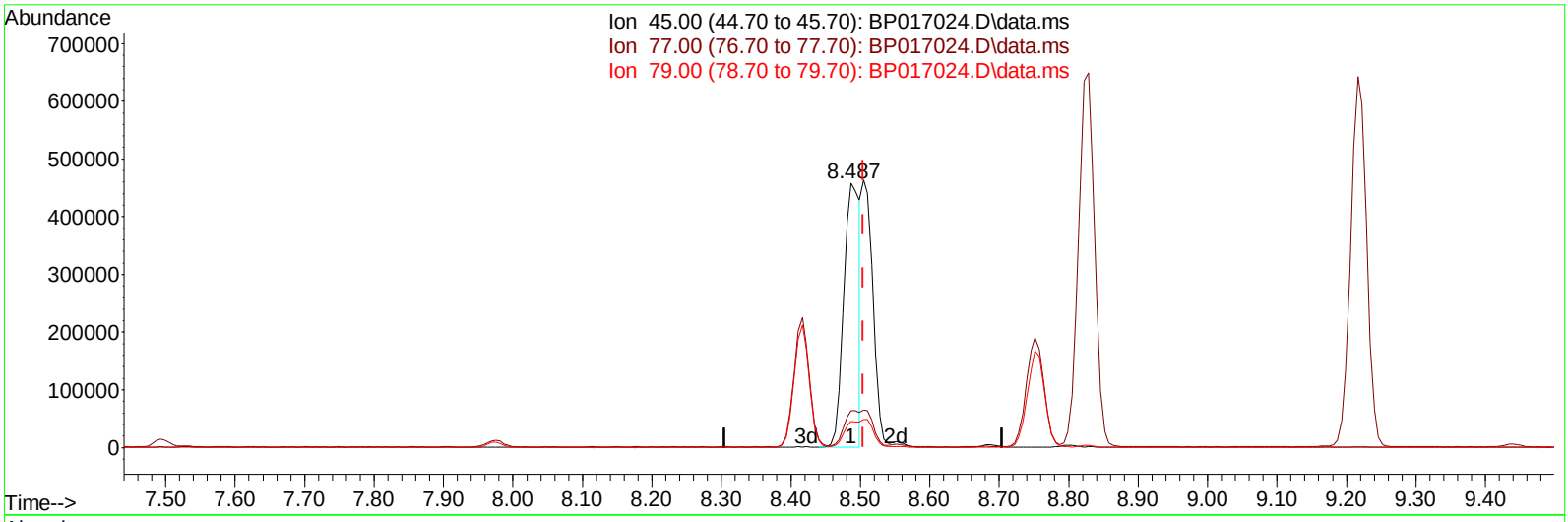
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017024.D
Acq On : 08 Sep 2023 21:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

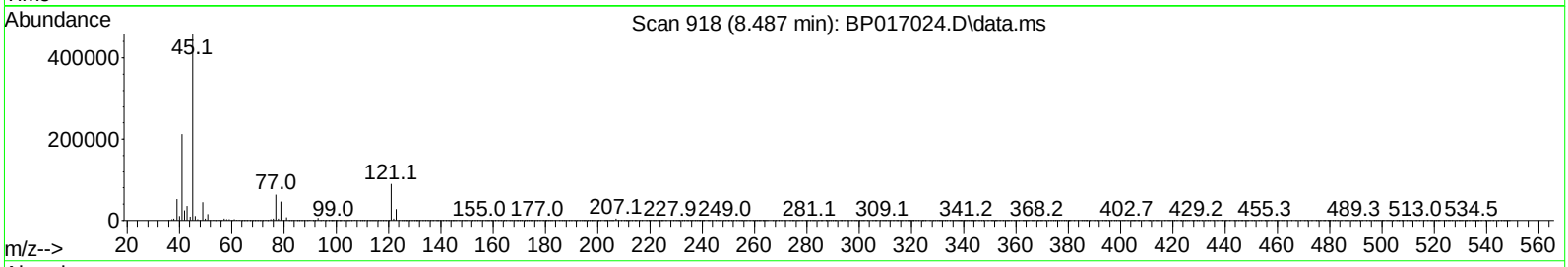
Quant Time: Sep 09 04:20:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

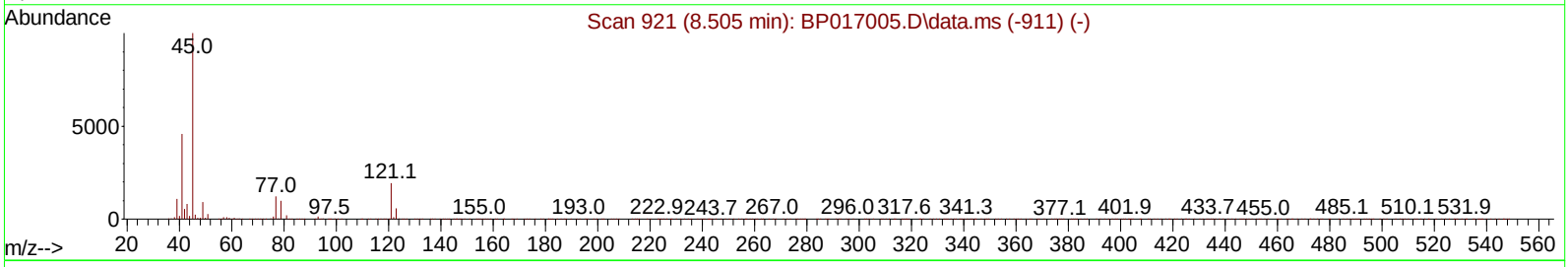
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023







TIC: BP017024.D\data.ms

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

8.487min (-0.018) 13.81 ng/ul

response 735671

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.02
79.00	11.20	10.02
0.00	0.00	0.00

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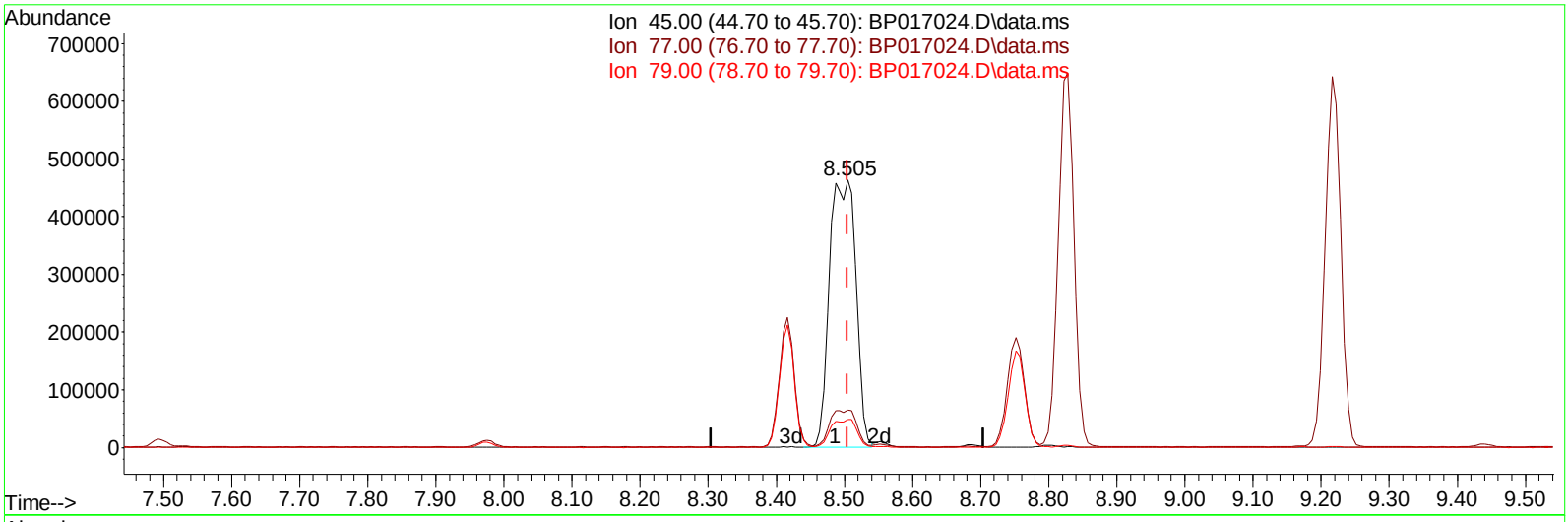

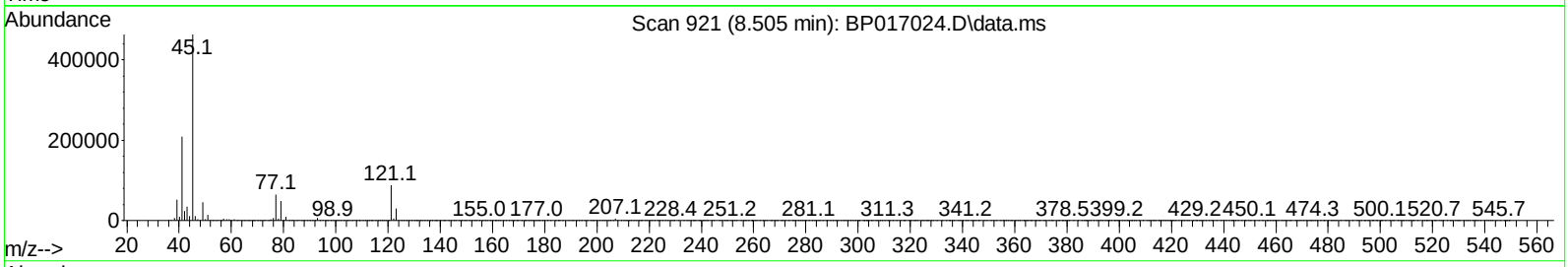

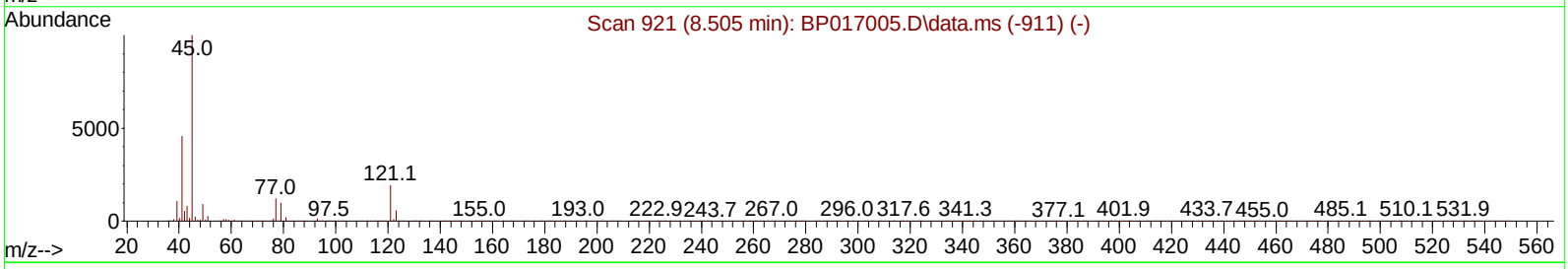

TIC: BP017024.D\data.ms

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

8.505min (0.000) 23.48 ng/ul m

response 1251233

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.94
79.00	11.20	10.50
0.00	0.00	0.00

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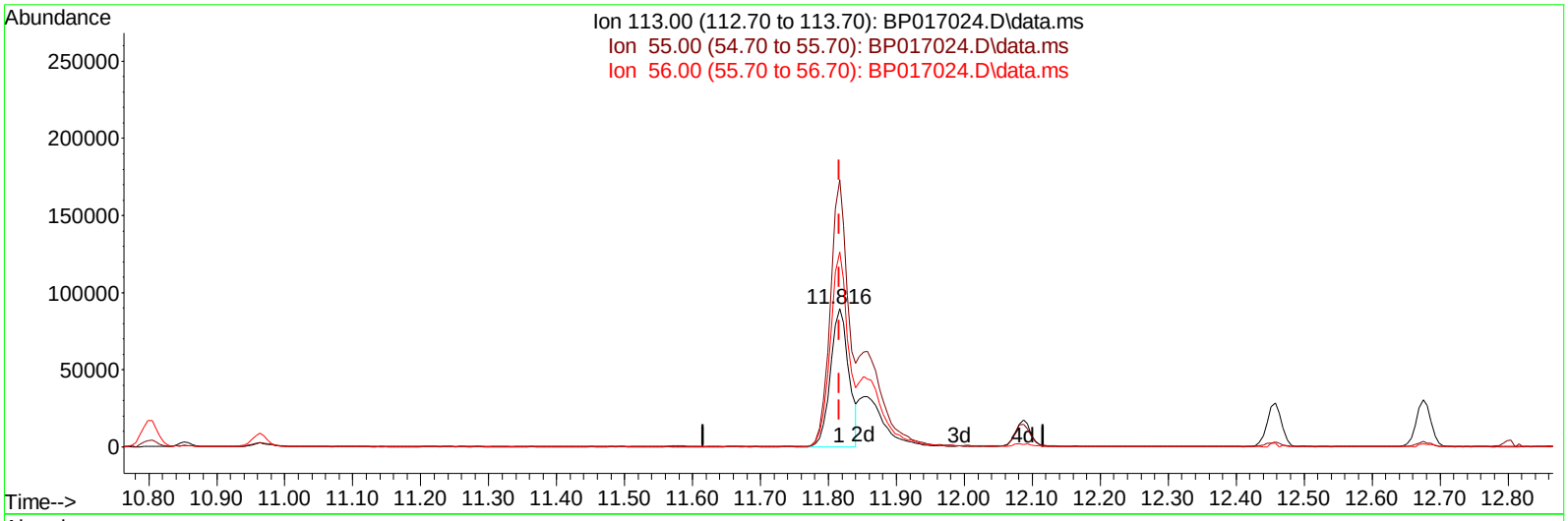

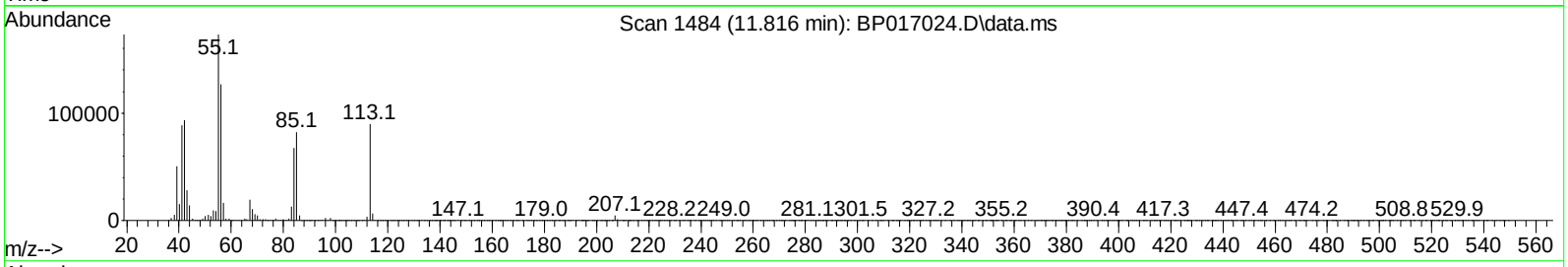

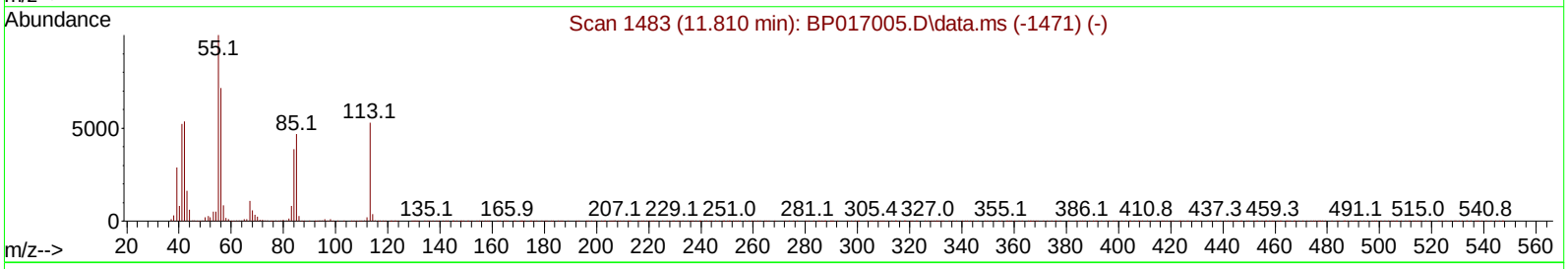

TIC: BP017024.D\data.ms

(34) Caprolactam

11.816min (0.000) 14.68 ng/ul

response 168075

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	192.85
56.00	127.70	140.97
0.00	0.00	0.00

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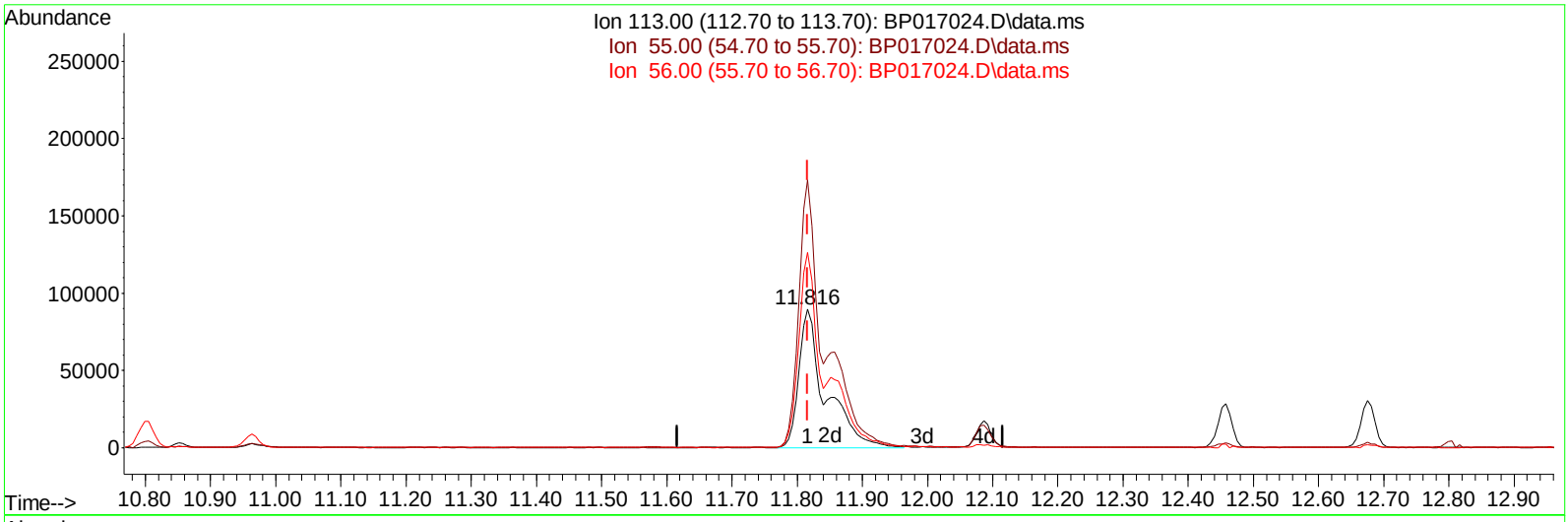

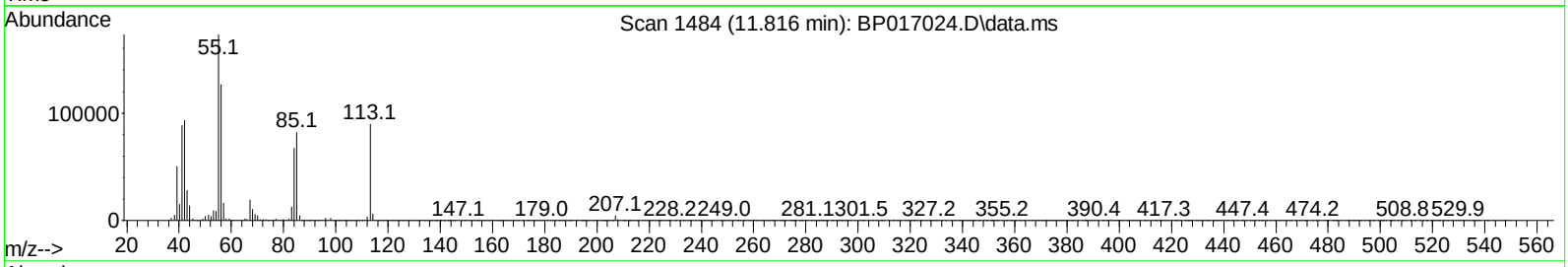

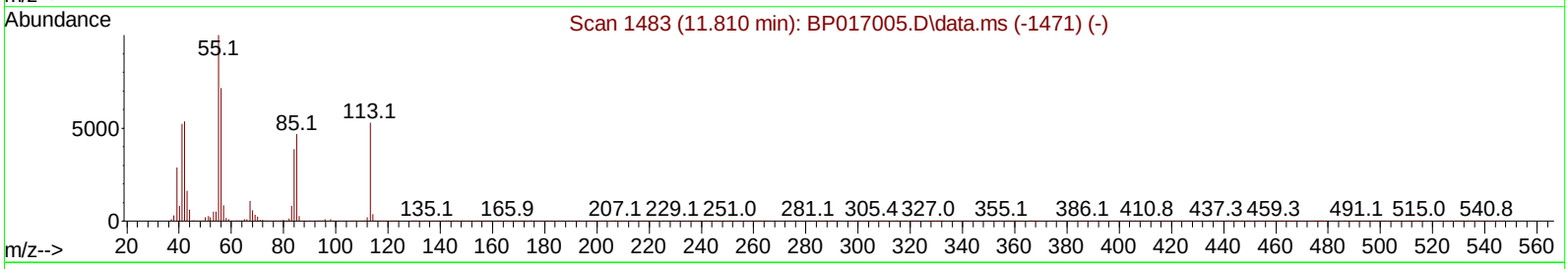

TIC: BP017024.D\data.ms

(34) Caprolactam

11.816min (0.000) 22.09 ng/ul m

response 253000

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	192.85
56.00	127.70	140.97
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	7.975	152	499991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.805	136	2185394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	1333376	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2780015	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	2194253	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	2003719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	113424	8.581	ng/uL	0.00
4) Pyridine-d5	3.758	84	842608	22.309	ng/ul	0.00
7) Phenol-d5	7.122	99	1027865	22.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.317	67	653353	22.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	745924	22.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	789394	22.684	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	376658	22.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	414573	22.557	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	749204	22.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1092242	22.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	2149253	21.654	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	2524703	22.041	ng/ul	0.00
54) 4-Nitrophenol-d4	14.846	143	410485	21.172	ng/ul	0.00
60) Fluorene-d10	15.628	176	1857935	21.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	320885	19.180	ng/ul	0.00
73) Anthracene-d10	17.498	188	2785555	21.818	ng/ul	0.00
81) Pyrene-d10	19.733	212	2941743	22.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	2179962	21.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	124470	8.722	ng/uL	100
5) Pyridine	3.781	79	884876	22.008	ng/ul	99
6) Benzaldehyde	7.134	77	360577	17.416	ng/ul	97
8) Phenol	7.152	94	1069125	22.527	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.411	93	853663	22.556	ng/ul	99
12) 2-Chlorophenol	7.528	128	796214	22.607	ng/ul	100
13) 2-Methylphenol	8.416	108	784330	22.530	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1251233m	23.481	ng/ul	
16) Acetophenone	8.828	105	1292501	23.016	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.799	70	700898	23.364	ng/ul	100
18) 4-Methylphenol	8.752	108	860206	22.658	ng/ul	97
19) Hexachloroethane	9.046	117	330219	22.633	ng/ul	99
22) Nitrobenzene	9.216	77	1031266	22.780	ng/ul	97
23) Isophorone	9.734	82	1911013	22.469	ng/ul	99
25) 2-Nitrophenol	9.922	139	453283	22.401	ng/ul	99
26) 2,4-Dimethylphenol	9.958	107	928488	22.473	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.216	93	1166514	22.131	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	765640	22.141	ng/ul	98
30) Naphthalene	10.852	128	2584833	21.676	ng/ul	100
32) 4-Chloroaniline	10.987	127	1142892	22.433	ng/ul	99
33) Hexachlorobutadiene	11.081	225	428543	20.734	ng/ul	99
34) Caprolactam	11.816	113	253000m	22.092	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	863609	22.790	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	1737195	22.044	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	1737807	21.903	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	834023	21.230	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	533634	20.964	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	585288	21.890	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	635785	21.854	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	2311399	21.900	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1800073	21.722	ng/ul	99
45) 2-Nitroaniline	13.746	65	595514	24.130	ng/ul	98
47) Dimethylphthalate	14.093	163	2259360	21.695	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	462653	22.875	ng/ul	99
50) Acenaphthylene	14.357	152	2831433	22.076	ng/ul	100
51) 3-Nitroaniline	14.575	138	394737	19.557	ng/ul	99
52) Acenaphthene	14.698	153	1951127	21.804	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	281357	22.437	ng/ul	99
55) 4-Nitrophenol	14.863	109	339572	21.884	ng/ul	97
56) Dibenzofuran	15.034	168	2674277	21.734	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	669245	23.052	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.246	232	501984	21.401	ng/ul	95
59) Diethylphthalate	15.445	149	2275893	21.869	ng/ul	99
61) Fluorene	15.681	166	2221717	21.901	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	1049991	21.418	ng/ul	98
63) 4-Nitroaniline	15.745	138	309710	17.452	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.769	198	340475	19.425	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	1834166	21.880	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	584123	21.120	ng/ul	98
69) Hexachlorobenzene	16.657	284	623380	20.561	ng/ul	95
70) Atrazine	16.857	200	631315	21.997	ng/ul	98
71) Pentachlorophenol	17.022	266	382183	19.331	ng/ul	99
72) Phenanthrene	17.440	178	3375703	21.852	ng/ul	100
74) Anthracene	17.534	178	3409689	21.957	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	849398	21.449	ng/uL	99
76) Pentachlorobenzene	14.922	250	801187	21.004	ng/uL	98
77) Carbazole	17.816	167	3082724	22.091	ng/ul	99
78) Di-n-butylphthalate	18.328	149	3867526	22.622	ng/ul	100
80) Fluoranthene	19.404	202	3700144	22.172	ng/ul	98
82) Pyrene	19.763	202	3840076	22.162	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1702734	23.763	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.416	252	975500	20.032	ng/ul	100
85) Benzo(a)anthracene	21.475	228	3446354	22.301	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	2398542	24.229	ng/ul	100
87) Chrysene	21.533	228	3146329	21.765	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	3835585	22.835	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2995839	21.400	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	2929946	21.612	ng/ul	99
93) Benzo(a)pyrene	23.910	252	2509398	21.491	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.710	276	2835231	21.874	ng/ul	99
95) Dibenzo(a,h)anthracene	26.739	278	2346537	21.934	ng/ul	99
96) Benzo(g,h,i)perylene	27.551	276	2228631	21.819	ng/ul	99

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

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