Quantitation Report (Qedit)

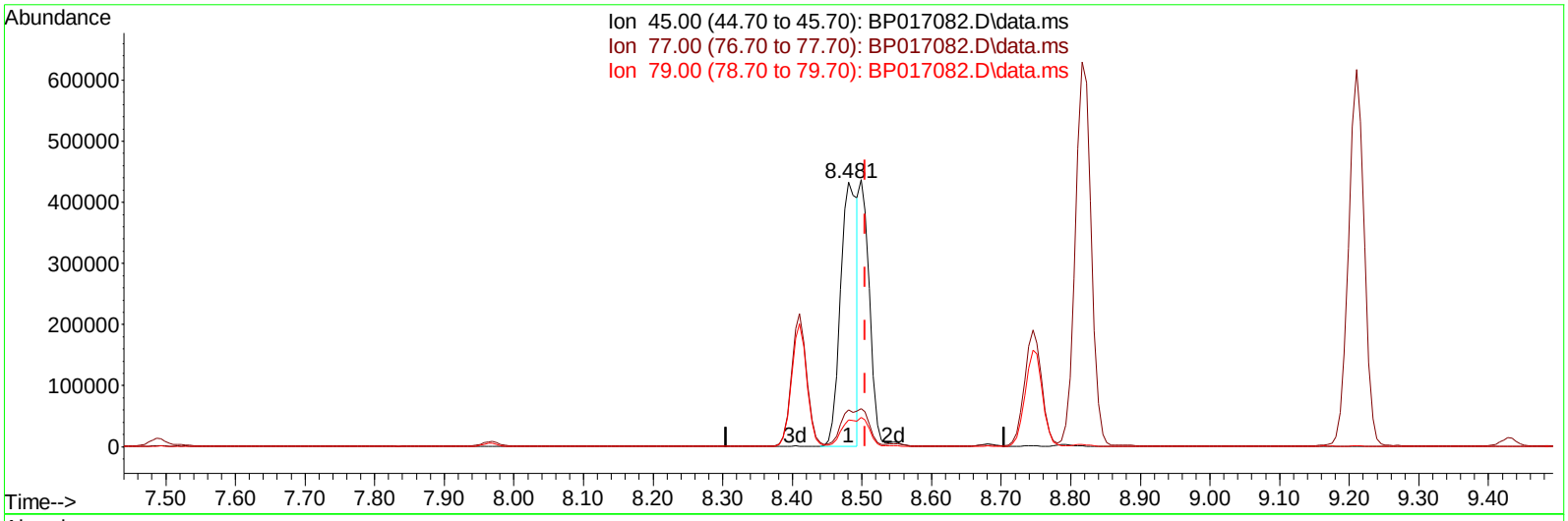
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017082.D
Acq On : 10 Sep 2023 10:07
Operator : MA/JU
Sample : PB155347BS
Misc :
ALS Vial : 95 Sample Multiplier: 1

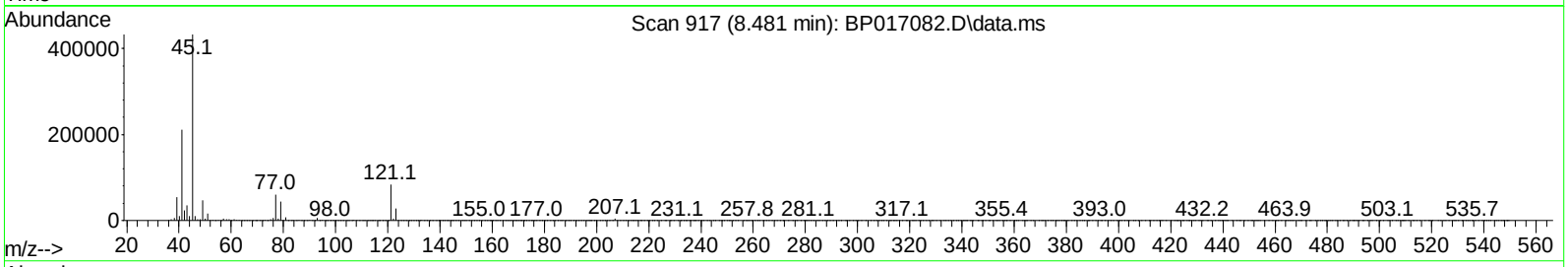
Quant Time: Sep 11 00:34:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

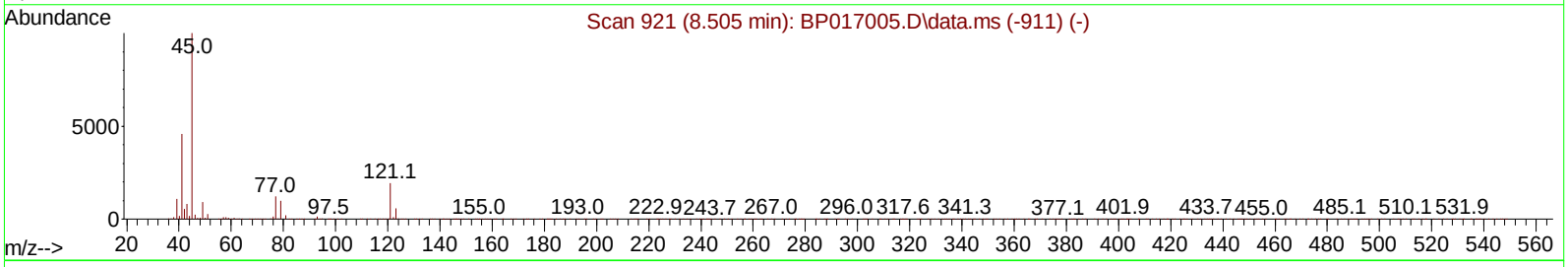
Instrument :
BNA_P
ClientSampleId :
SLCS347

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023







TIC: BP017082.D\data.ms

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

8.481min (-0.024) 24.64 ng/ul

response 726174

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.94
79.00	11.20	10.18
0.00	0.00	0.00

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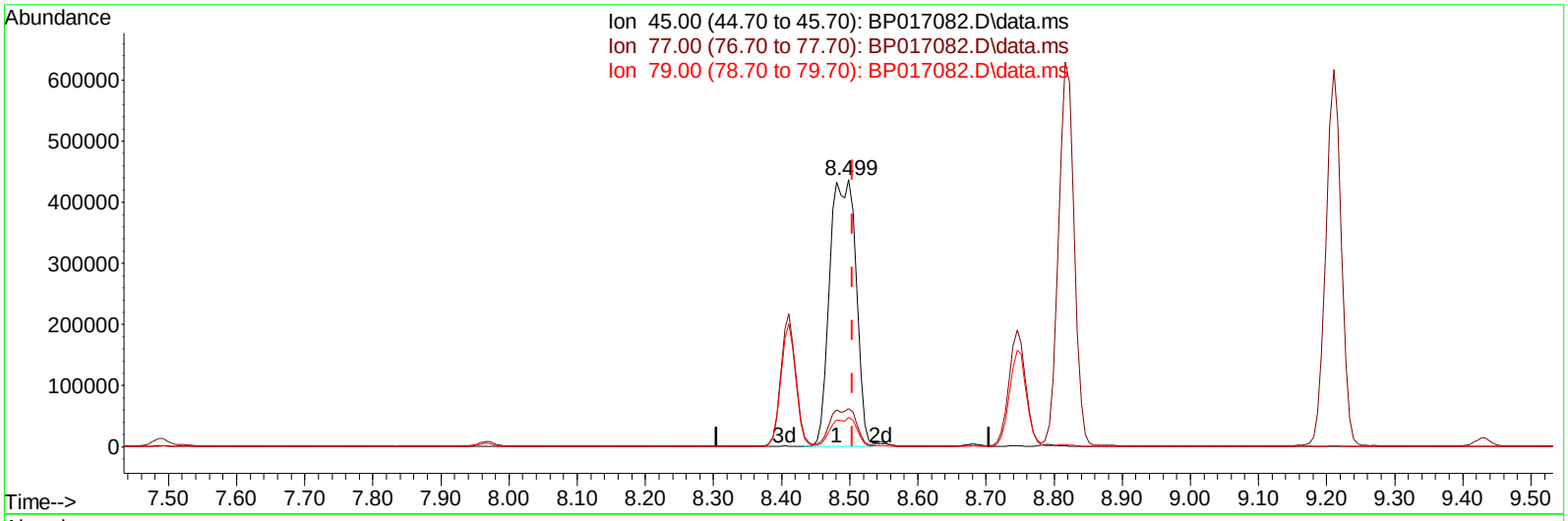

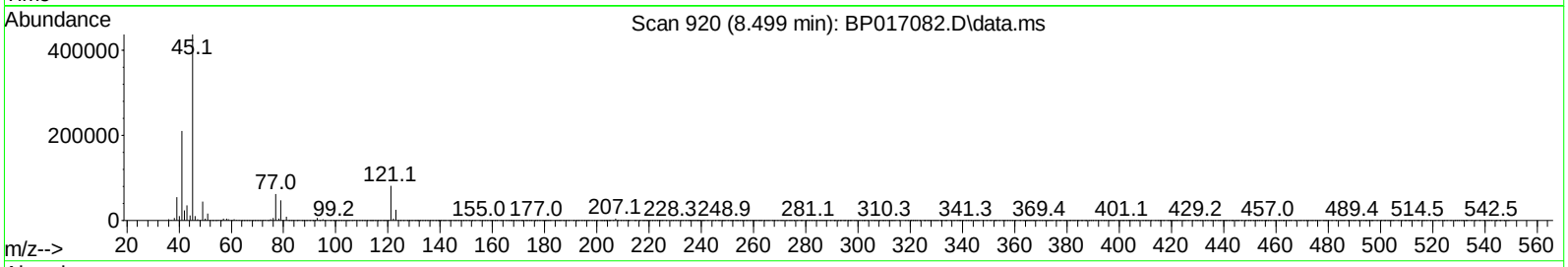

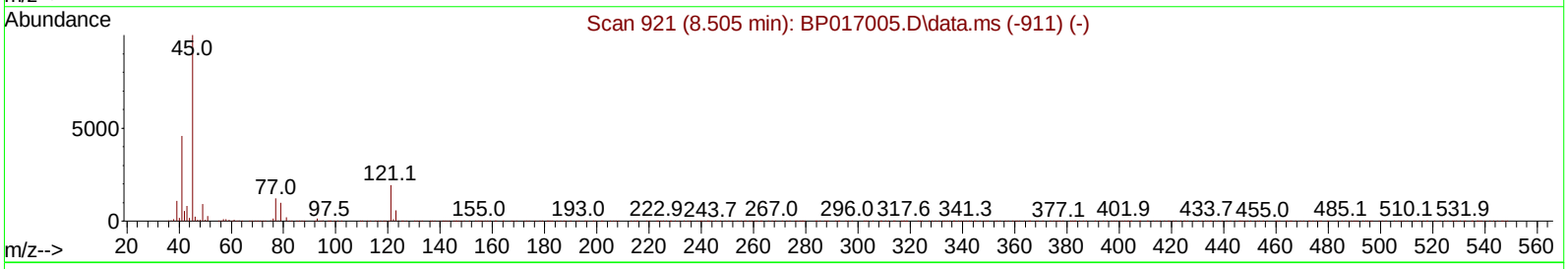

TIC: BP017082.D\data.ms

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

8.499min (-0.006) 39.64 ng/ul m

response 1168304

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.23
79.00	11.20	10.99
0.00	0.00	0.00

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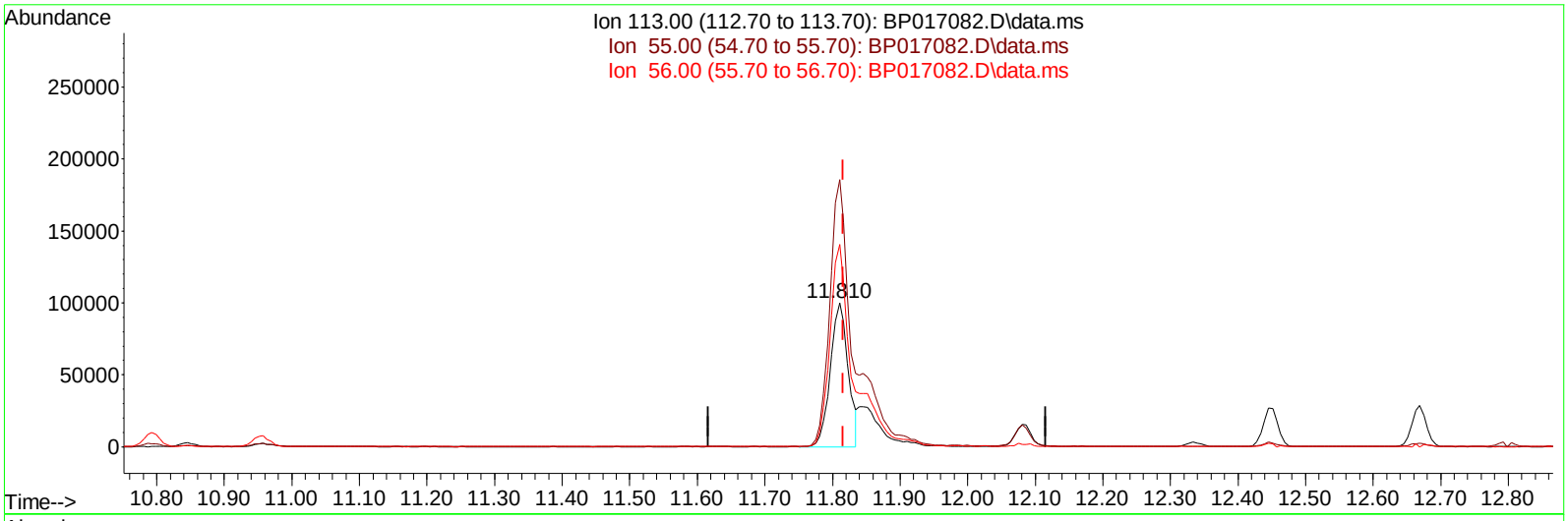

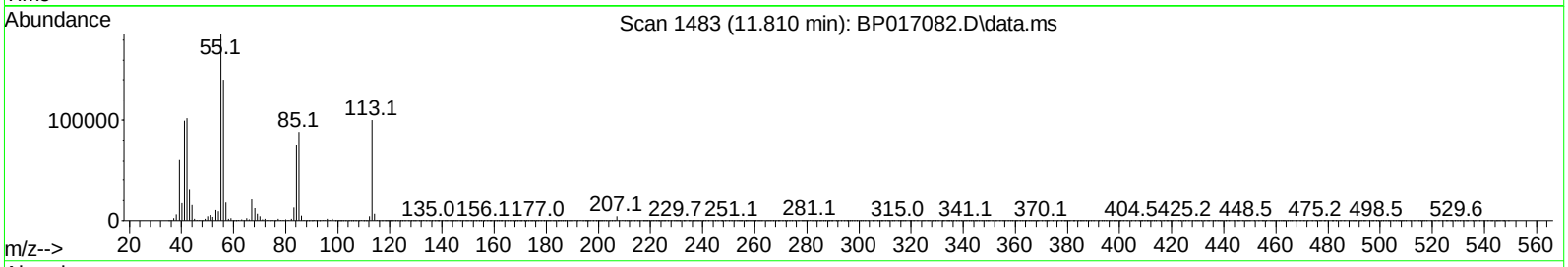

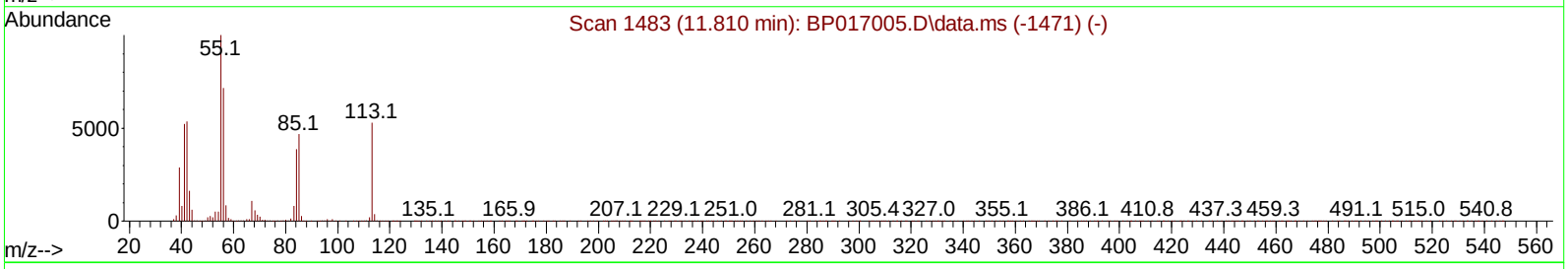

TIC: BP017082.D\data.ms

(34) Caprolactam

11.810min (-0.006) 28.73 ng/ul

response 183622

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	185.43
56.00	127.70	140.40
0.00	0.00	0.00

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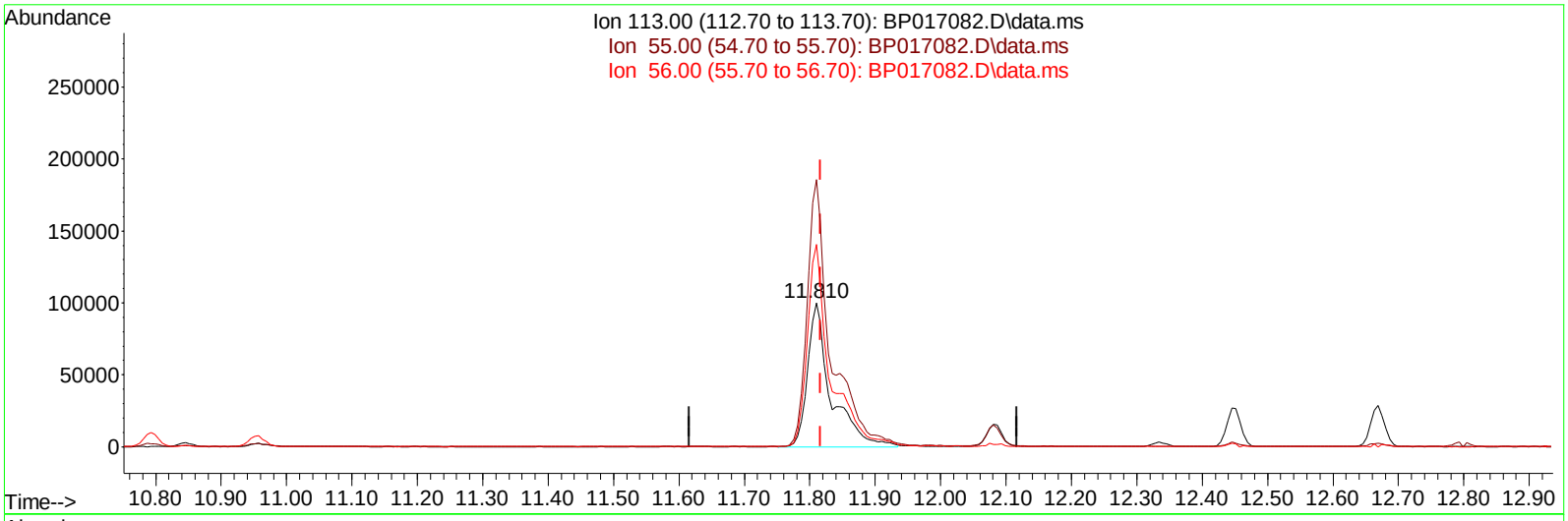

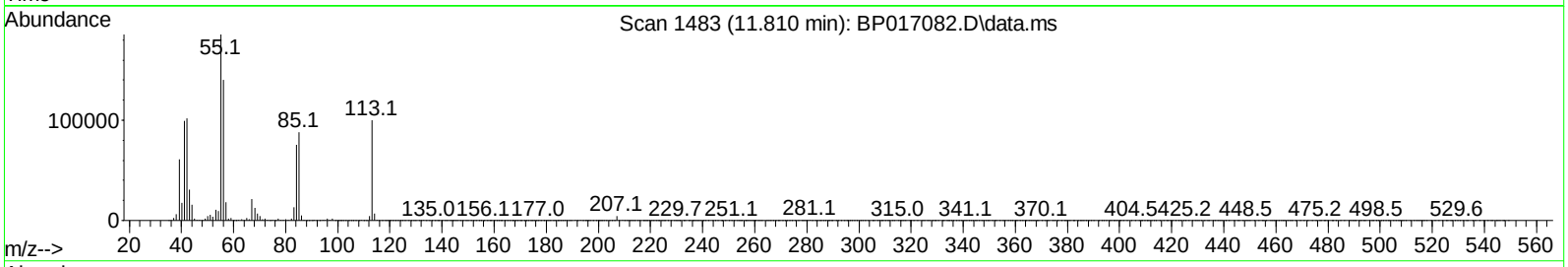

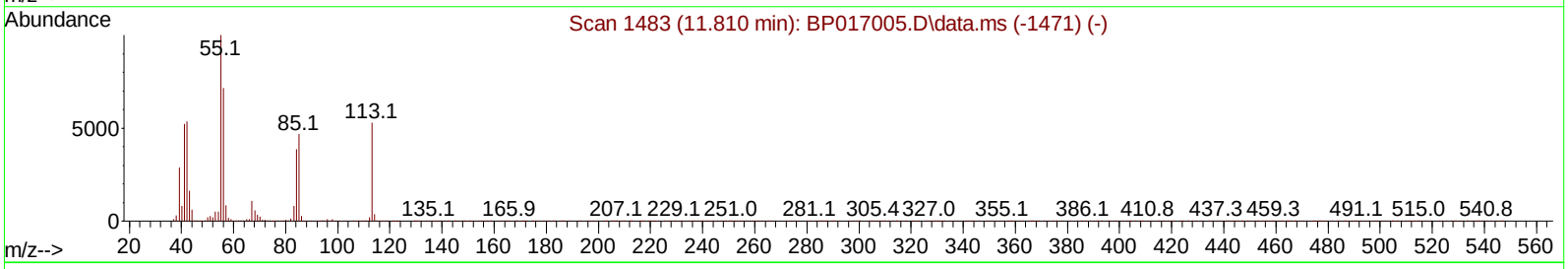

TIC: BP017082.D\data.ms

(34) Caprolactam

11.810min (-0.006) 39.16 ng/ul m

response 250289

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	185.43
56.00	127.70	140.40
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	7.969	152	276523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	1219732	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.622	164	734354	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.392	188	1554999	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1213304	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	1107863	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	50527	6.912	ng/uL	0.00
4) Pyridine-d5	3.758	84	733536	35.117	ng/ul	0.00
7) Phenol-d5	7.116	99	976121	38.638	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	608244	38.491	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	710956	38.884	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	741351	38.519	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	346764	36.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	380171	37.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	699137	36.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	975016	35.685	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	2035272	37.233	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	2351379	37.273	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.845	143	374981	35.118	ng/ul	0.00
60) Fluorene-d10	15.622	176	1732137	37.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	288094	30.786	ng/ul	0.00
73) Anthracene-d10	17.492	188	2679458	37.521	ng/ul	0.00
81) Pyrene-d10	19.727	212	2884348	39.029	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	2175151	38.701	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	107953	13.677	ng/uL	97
5) Pyridine	3.775	79	755130	33.958	ng/ul	96
6) Benzaldehyde	7.122	77	584736	51.068	ng/ul	99
8) Phenol	7.146	94	1023578	38.997	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.405	93	793359	37.903	ng/ul	99
12) 2-Chlorophenol	7.522	128	749606	38.483	ng/ul	99
13) 2-Methylphenol	8.410	108	733715	38.109	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1168304m	39.644	ng/ul	
16) Acetophenone	8.816	105	1205185	38.804	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.793	70	650972	39.236	ng/ul	97
18) 4-Methylphenol	8.746	108	807875	38.476	ng/ul	99
19) Hexachloroethane	9.034	117	307396	38.094	ng/ul	96
22) Nitrobenzene	9.210	77	969108	38.355	ng/ul	98
23) Isophorone	9.722	82	1766810	37.220	ng/ul	98
25) 2-Nitrophenol	9.916	139	423043	37.458	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	789807	34.251	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.210	93	1074625	36.529	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	710780	36.828	ng/ul	98
30) Naphthalene	10.846	128	2413711	36.266	ng/ul	100
32) 4-Chloroaniline	10.981	127	923253	32.469	ng/ul	100
33) Hexachlorobutadiene	11.075	225	385447	33.414	ng/ul	99
34) Caprolactam	11.810	113	250289m	39.158	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	815433	38.555	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	12.451	142	1620163	36.836	ng/ul	99
37) 1-Methylnaphthalene	12.669	142	1575826	35.586	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	746584	34.506	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	332873	23.745	ng/ul	98
41) 2,4,6-Trichlorophenol	13.051	196	522904	35.509	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	587602	36.673	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	2153590	37.048	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1695584	37.152	ng/ul	99
45) 2-Nitroaniline	13.740	65	583534	42.932	ng/ul	95
47) Dimethylphthalate	14.087	163	2132021	37.172	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	432939	38.868	ng/ul	98
50) Acenaphthylene	14.351	152	2689835	38.079	ng/ul	99
51) 3-Nitroaniline	14.569	138	476691	42.882	ng/ul	99
52) Acenaphthene	14.692	153	1839840	37.331	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	166165	24.060	ng/ul	92
55) 4-Nitrophenol	14.863	109	322274	37.711	ng/ul	97
56) Dibenzofuran	15.028	168	2541664	37.507	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	644200	40.290	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.240	232	431652	33.414	ng/ul#	92
59) Diethylphthalate	15.440	149	2194479	38.288	ng/ul	99
61) Fluorene	15.675	166	2136536	38.241	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	994372	36.828	ng/ul	97
63) 4-Nitroaniline	15.739	138	476104	48.714	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	302542	30.859	ng/ul#	88
67) N-Nitrosodiphenylamine	15.892	169	1769238	37.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	544385	35.189	ng/ul	97
69) Hexachlorobenzene	16.651	284	588815	34.721	ng/ul	94
70) Atrazine	16.851	200	372432	23.199	ng/ul	98
71) Pentachlorophenol	17.016	266	320548	28.986	ng/ul	99
72) Phenanthrene	17.439	178	3281038	37.972	ng/ul	100
74) Anthracene	17.528	178	3328108	38.316	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	73490	3.318	ng/uL	96
76) Pentachlorobenzene	14.916	250	735130	34.455	ng/uL	99
77) Carbazole	17.816	167	3037992	38.921	ng/ul	99
78) Di-n-butylphthalate	18.322	149	3782887	39.559	ng/ul	100
80) Fluoranthene	19.398	202	3643533	39.485	ng/ul	98
82) Pyrene	19.757	202	3787241	39.529	ng/ul	97
83) Butylbenzylphthalate	20.616	149	1660353	41.905	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	1000964	37.174	ng/ul	99
85) Benzo(a)anthracene	21.474	228	3323962	38.899	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2330842	42.582	ng/ul	100
87) Chrysene	21.527	228	3077394	38.500	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	3771592	40.611	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2899103	37.454	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	2856045	38.103	ng/ul	99
93) Benzo(a)pyrene	23.904	252	2515521	38.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2875676	40.126	ng/ul	98
95) Dibenzo(a,h)anthracene	26.727	278	2382008	40.271	ng/ul	98
96) Benzo(g,h,i)perylene	27.539	276	2245922	39.768	ng/ul	97

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

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