Quantitation Report (Qedit)

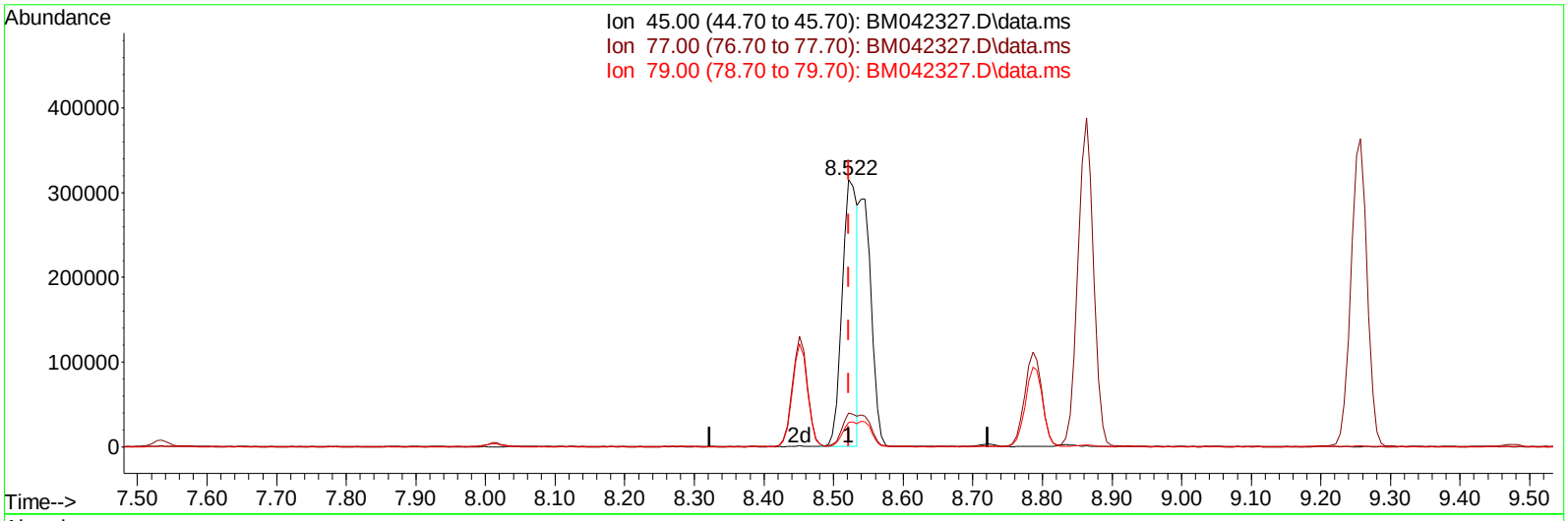
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042327.D
Acq On : 17 Oct 2023 19:00
Operator : MA/JU
Sample : PB156421BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

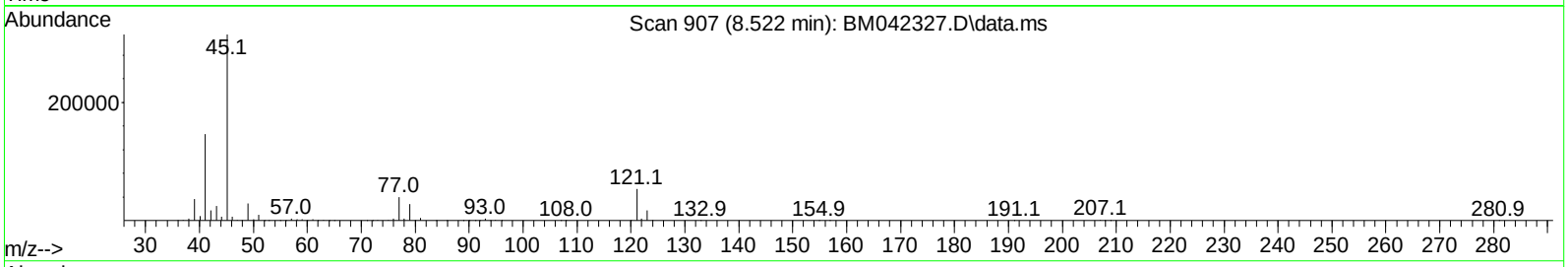
Quant Time: Oct 18 02:05:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 02:04:27 2023
Response via : Initial Calibration

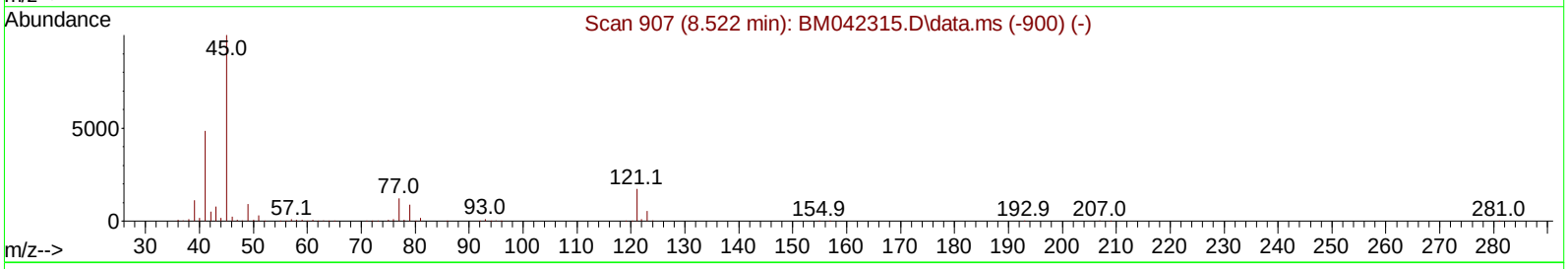
Instrument :
BNA_M
ClientSampleId :
SLCS421

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023







TIC: BM042327.D\data.ms

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

8.522min (+ 0.000) 19.74 ng/ul

response 478631

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.61
79.00	9.10	8.99
0.00	0.00	0.00

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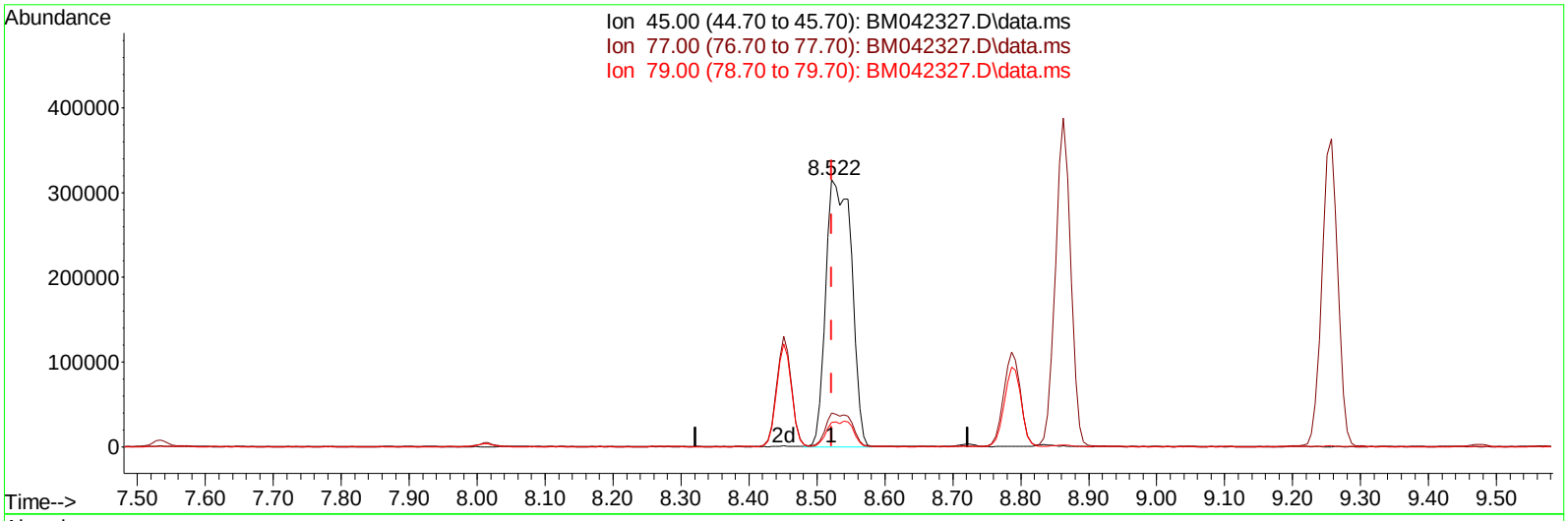

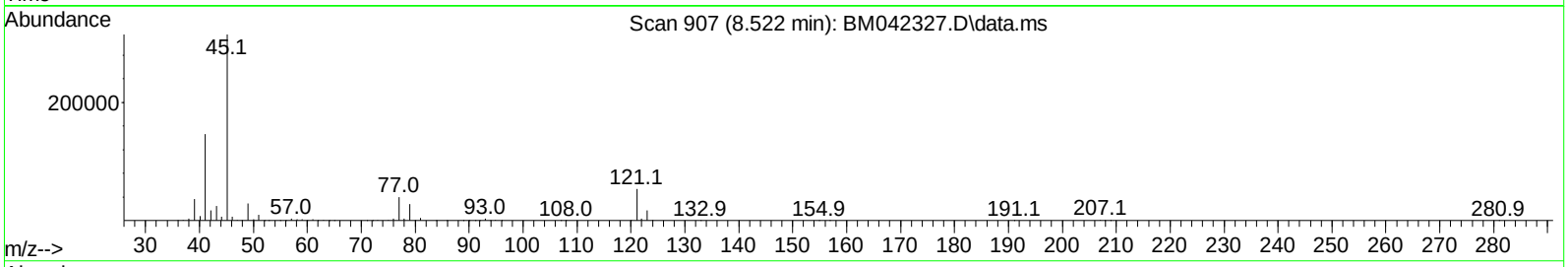

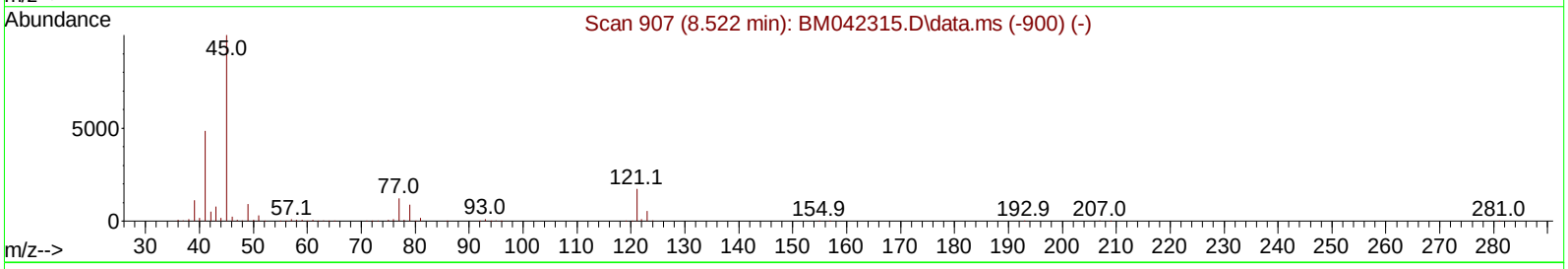

TIC: BM042327.D\data.ms

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

8.522min (+ 0.000) 34.24 ng/ul m

response 830165

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.61
79.00	9.10	8.99
0.00	0.00	0.00

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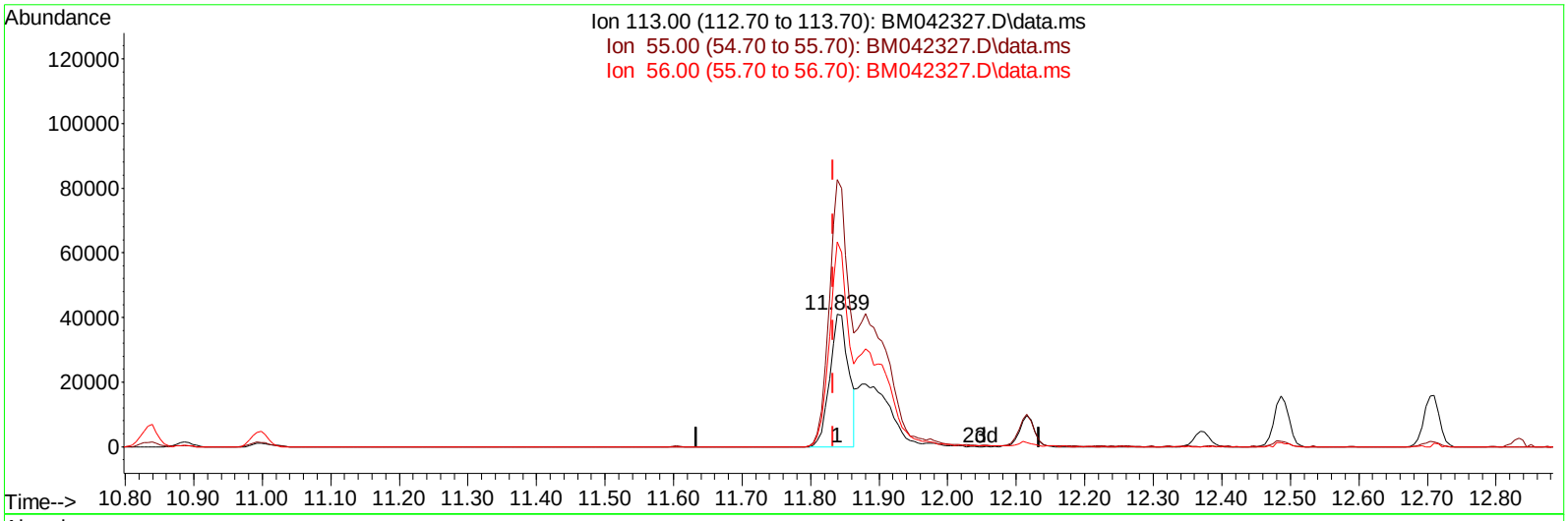

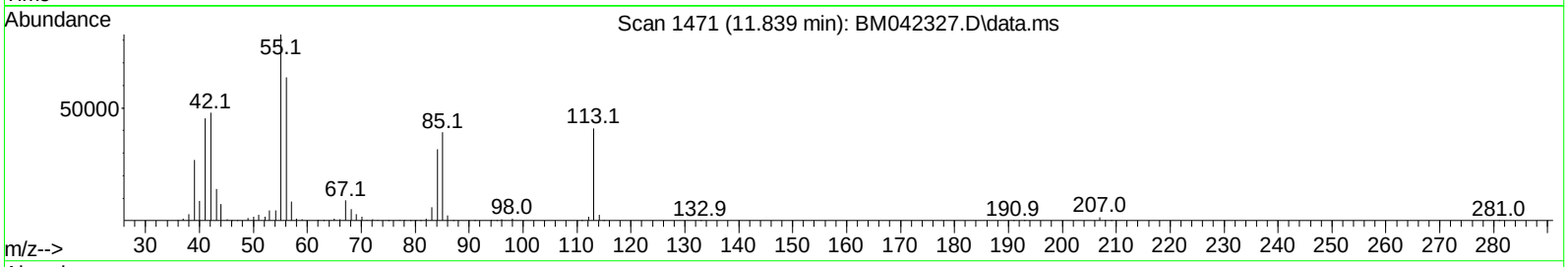

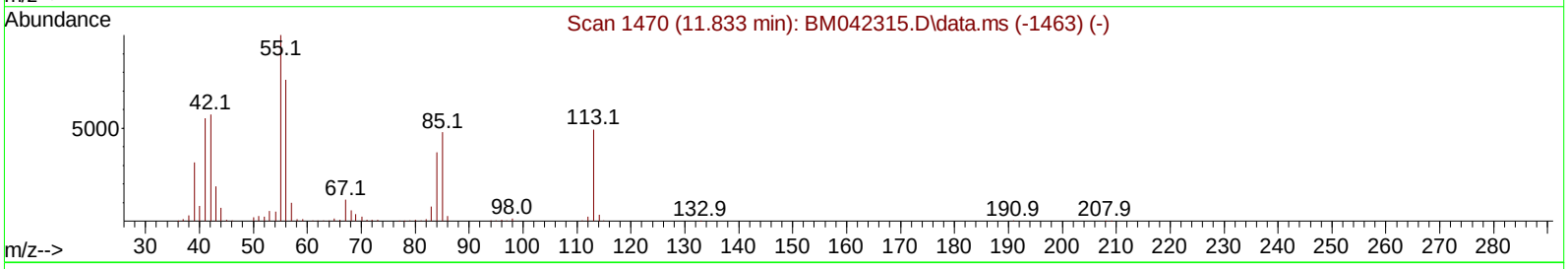

TIC: BM042327.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 18.72 ng/ul

response 78605

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	200.97
56.00	155.20	154.45
0.00	0.00	0.00

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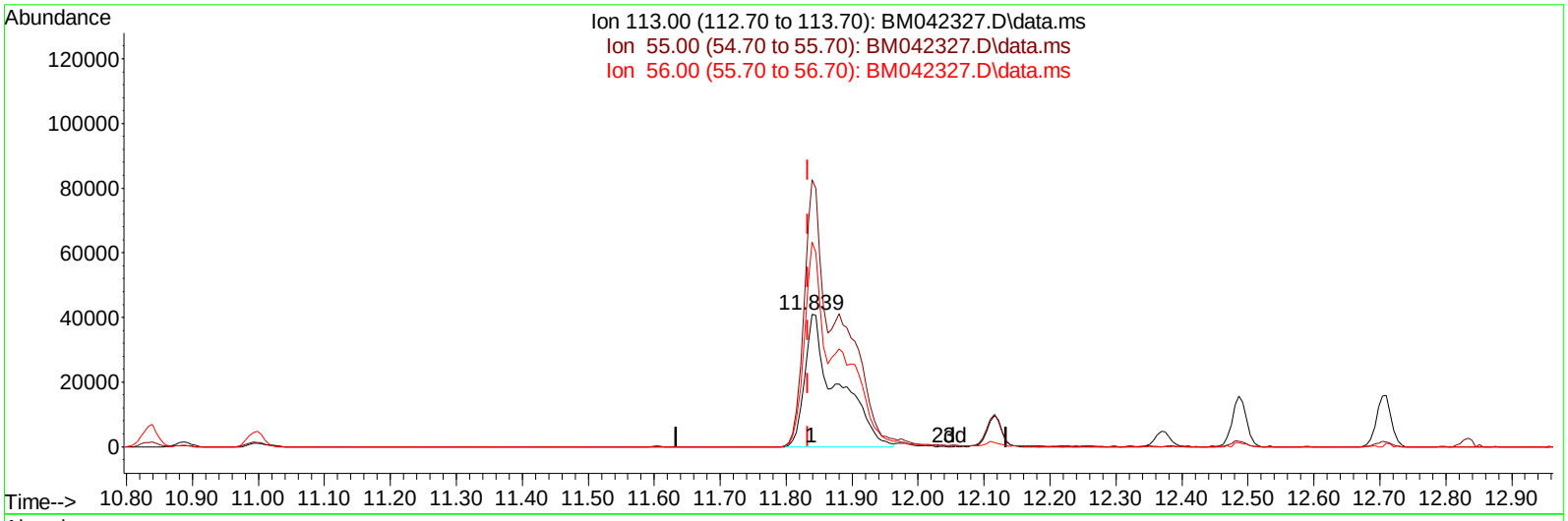

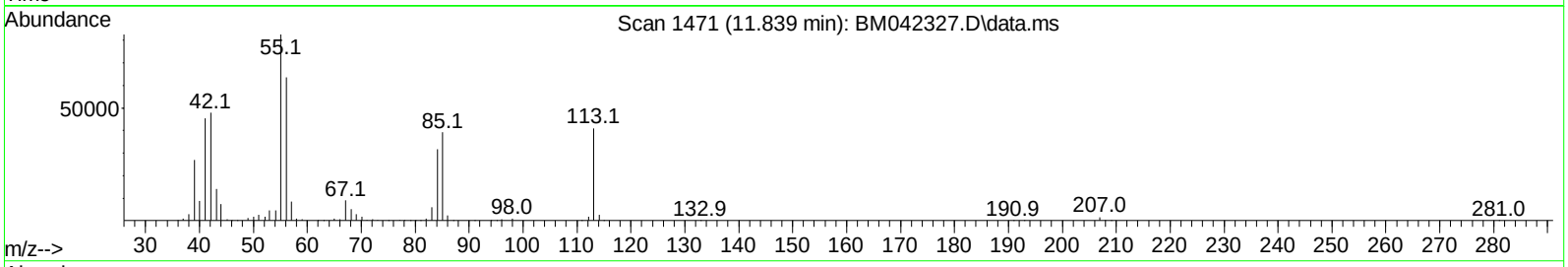

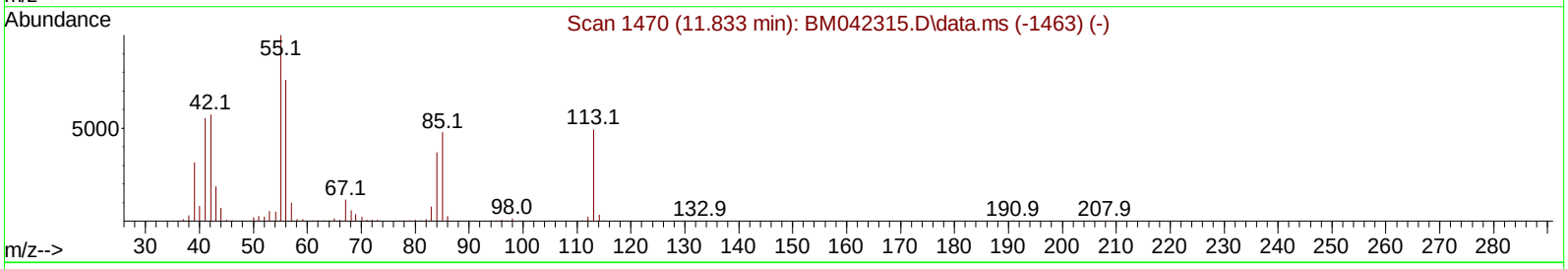

TIC: BM042327.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 34.00 ng/ul m

response 142750

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	200.97
56.00	155.20	154.45
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	8.016	152	152981	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	710645	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	430909	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	896793	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	874323	20.000	ng/ul	0.00
88) Perylene-d12	24.062	264	857661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30814	6.294	ng/uL	0.00
4) Pyridine-d5	3.804	84	454169	31.321	ng/ul	0.00
7) Phenol-d5	7.163	99	583019	34.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	385809	33.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	403495	34.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	447619	33.338	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	204768	33.928	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	221666	34.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	403223	34.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	548927	29.611	ng/ul	0.00
46) Dimethylphthalate-d6	14.068	166	1240721	33.215	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1398597	34.210	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	251450	33.468	ng/ul	0.00
60) Fluorene-d10	15.645	176	1031944	33.607	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	212641	33.848	ng/ul	0.00
73) Anthracene-d10	17.504	188	1599676	34.821	ng/ul	0.00
81) Pyrene-d10	19.798	212	1914445	35.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.897	264	1713718	36.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	69269	12.907	ng/uL	100
5) Pyridine	3.822	79	452716	30.157	ng/ul	98
6) Benzaldehyde	7.169	77	302677	34.923	ng/ul	98
8) Phenol	7.187	94	591218	34.529	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	486081	34.186	ng/ul	98
12) 2-Chlorophenol	7.569	128	419569	34.442	ng/ul	99
13) 2-Methylphenol	8.451	108	433253	33.903	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	830165m	34.244	ng/ul	
16) Acetophenone	8.863	105	712684	34.191	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	420167	34.058	ng/ul	100
18) 4-Methylphenol	8.786	108	475560	33.768	ng/ul	100
19) Hexachloroethane	9.081	117	176494	34.340	ng/ul	98
22) Nitrobenzene	9.257	77	589533	34.536	ng/ul	99
23) Isophorone	9.769	82	1147863	34.679	ng/ul	99
25) 2-Nitrophenol	9.957	139	244655	34.653	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	479881	31.982	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.251	93	690330	33.355	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	394743	34.328	ng/ul	99
30) Naphthalene	10.886	128	1387953	33.318	ng/ul	100
32) 4-Chloroaniline	11.022	127	521254	29.091	ng/ul	98
33) Hexachlorobutadiene	11.116	225	221820	33.417	ng/ul	95
34) Caprolactam	11.839	113	142750m	33.999	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	489362	34.549	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	12.486	142	944968	33.141	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	934146	32.414	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	455412	33.564	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	243788	27.762	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	313139	34.518	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	341845	35.100	ng/ul	100
43) 1,1'-Biphenyl	13.492	154	1228508	33.264	ng/ul	98
44) 2-Chloronaphthalene	13.539	162	954103	33.704	ng/ul	99
45) 2-Nitroaniline	13.774	65	378547	37.195	ng/ul	100
47) Dimethylphthalate	14.116	163	1242569	33.429	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	244709	36.367	ng/ul	97
50) Acenaphthylene	14.386	152	1625347	34.425	ng/ul	99
51) 3-Nitroaniline	14.598	138	269669	33.999	ng/ul	97
52) Acenaphthene	14.721	153	1082132	34.119	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	146830	32.238	ng/ul	96
55) 4-Nitrophenol	14.886	109	208458	34.203	ng/ul	99
56) Dibenzofuran	15.057	168	1424047	33.422	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	364457	36.733	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.268	232	289889	35.467	ng/ul	99
59) Diethylphthalate	15.463	149	1306393	34.431	ng/ul	99
61) Fluorene	15.704	166	1211182	34.273	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	597622	35.023	ng/ul	96
63) 4-Nitroaniline	15.768	138	269416	37.980	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.792	198	229929	34.998	ng/ul#	95
67) N-Nitrosodiphenylamine	15.915	169	1015501	35.593	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	348632	36.144	ng/ul	98
69) Hexachlorobenzene	16.674	284	388652	35.438	ng/ul	96
70) Atrazine	16.862	200	314224	32.097	ng/ul	96
71) Pentachlorophenol	17.033	266	249043	33.513	ng/ul	99
72) Phenanthrene	17.451	178	1939008	35.248	ng/ul	100
74) Anthracene	17.539	178	1944855	35.149	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	452140	34.028	ng/uL	99
76) Pentachlorobenzene	14.945	250	431419	33.067	ng/uL	97
77) Carbazole	17.827	167	1797784	35.668	ng/ul	100
78) Di-n-butylphthalate	18.345	149	2348138	36.804	ng/ul	99
80) Fluoranthene	19.456	202	2287087	36.244	ng/ul	97
82) Pyrene	19.827	202	2392422	36.062	ng/ul	97
83) Butylbenzylphthalate	20.703	149	1072534	37.926	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.509	252	681184	32.615	ng/ul	99
85) Benzo(a)anthracene	21.568	228	2361374	35.602	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1605200	38.418	ng/ul#	98
87) Chrysene	21.627	228	2152141	35.283	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2778202	40.104	ng/ul	100
90) Benzo(b)fluoranthene	23.291	252	2198872	37.730	ng/ul	98
91) Benzo(k)fluoranthene	23.344	252	2154737	37.383	ng/ul	98
93) Benzo(a)pyrene	23.950	252	2018432	37.010	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.662	276	2277051	34.377	ng/ul	99
95) Dibenzo(a,h)anthracene	26.674	278	1885810	34.321	ng/ul	98
96) Benzo(g,h,i)perylene	27.473	276	1731856	33.424	ng/ul	97

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

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