Quantitation Report (Qedit)

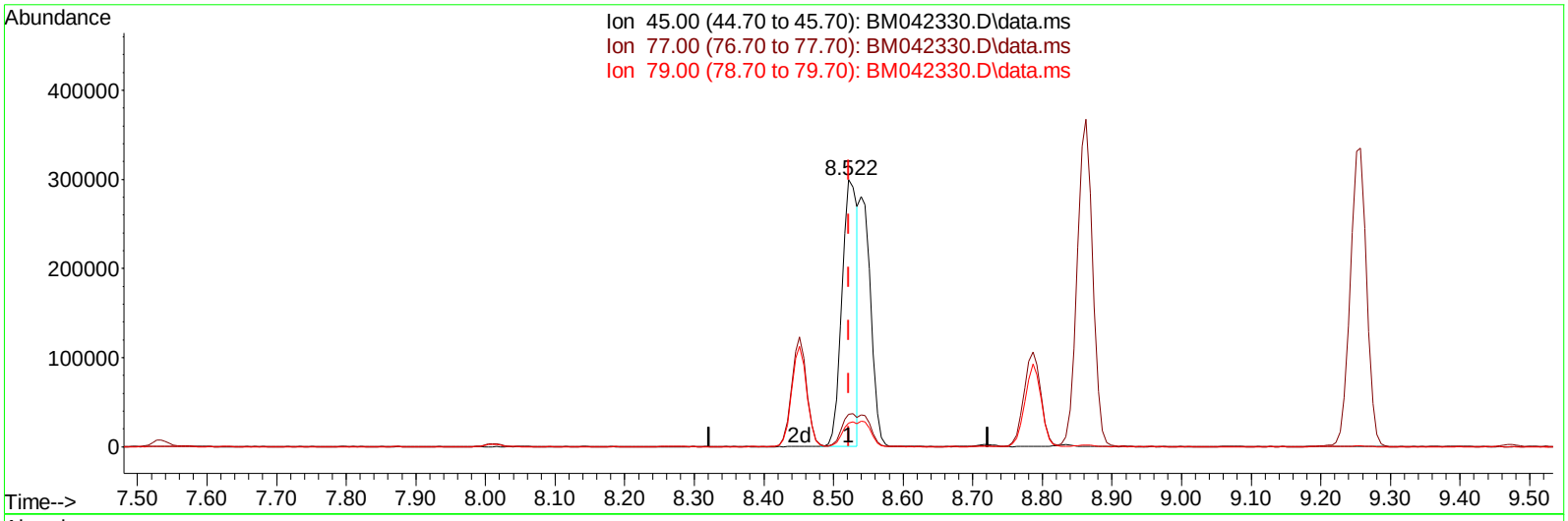
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042330.D
Acq On : 17 Oct 2023 20:51
Operator : MA/JU
Sample : PB156422BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

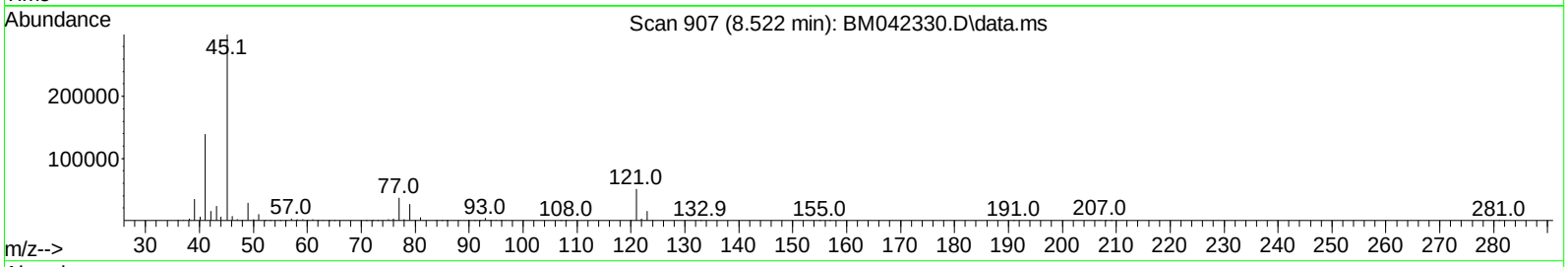
Quant Time: Oct 18 02:06:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 02:04:27 2023
Response via : Initial Calibration

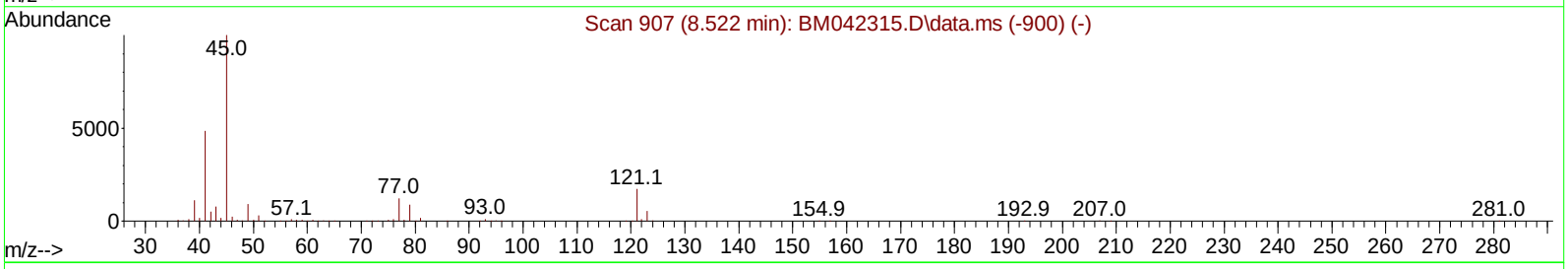
Instrument :
BNA_M
ClientSampleId :
SLCS422

Manual IntegrationsAPPROVED

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







TIC: BM042330.D\data.ms

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

8.522min (+ 0.000) 23.14 ng/ul

response 460384

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.22
79.00	9.10	8.93
0.00	0.00	0.00

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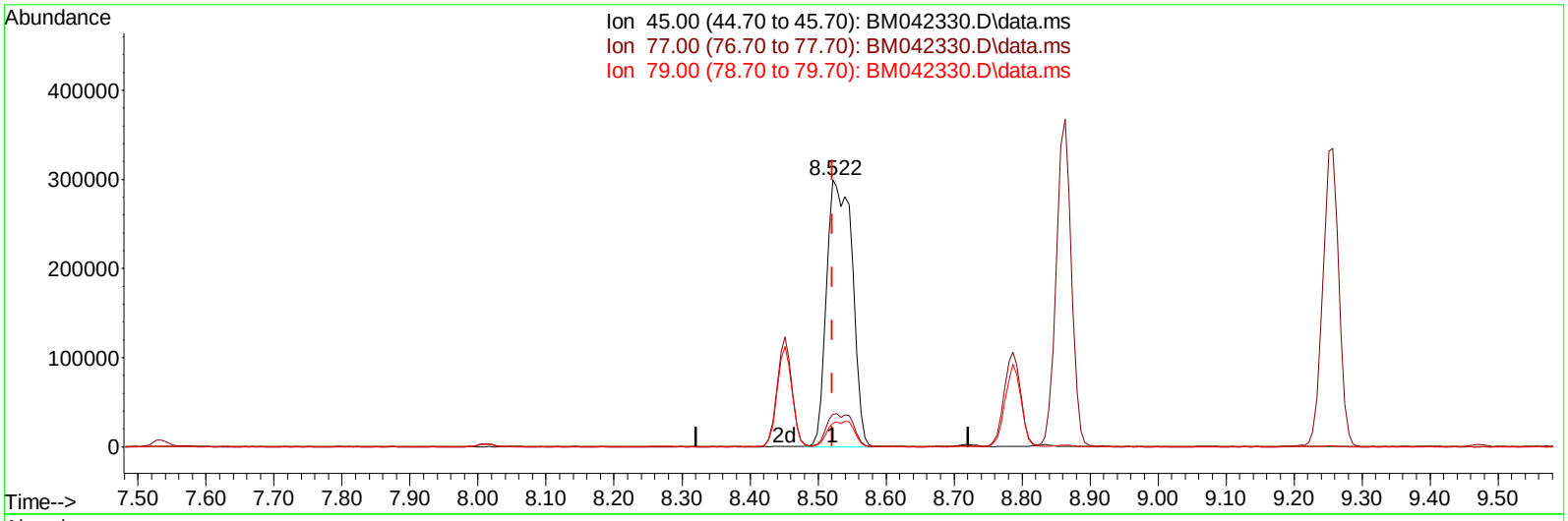

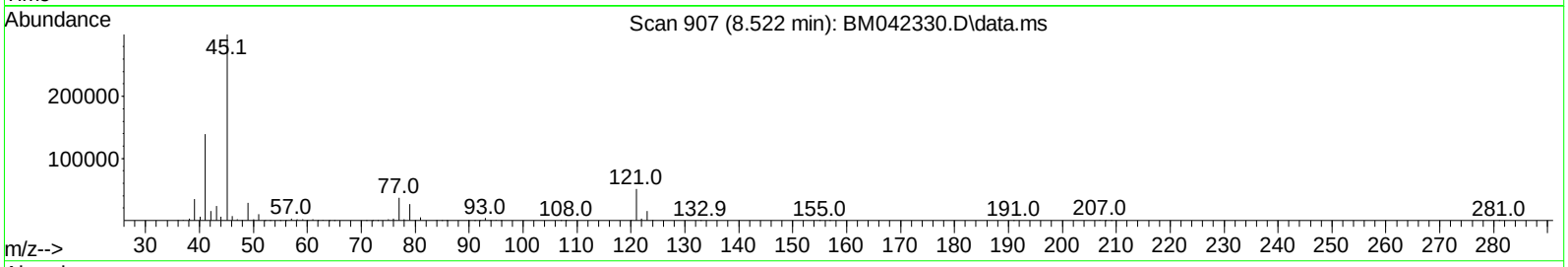

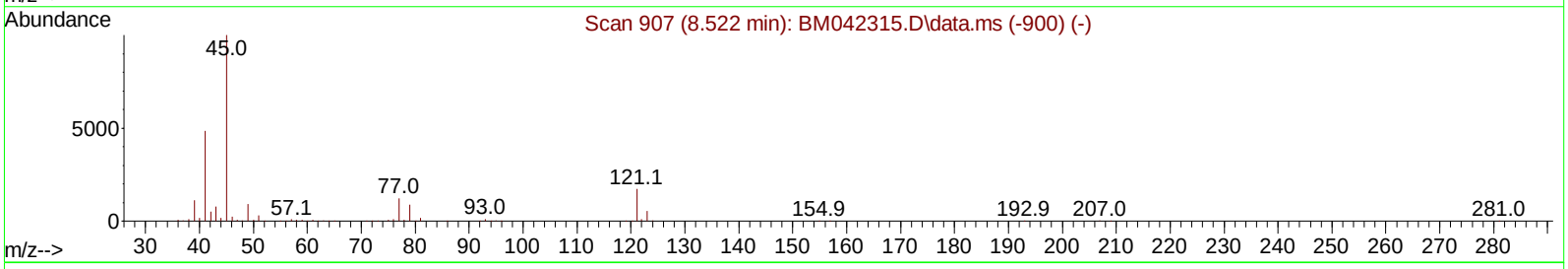

TIC: BM042330.D\data.ms

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

8.522min (+ 0.000) 39.24 ng/ul m

response 780705

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.22
79.00	9.10	8.93
0.00	0.00	0.00

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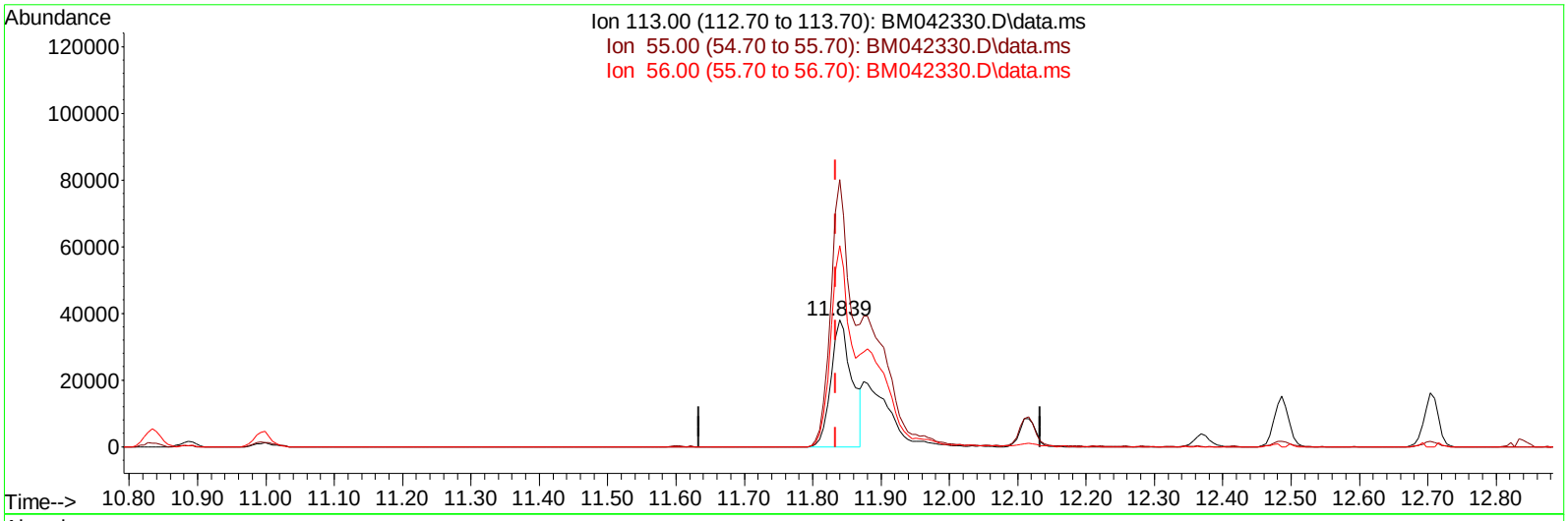

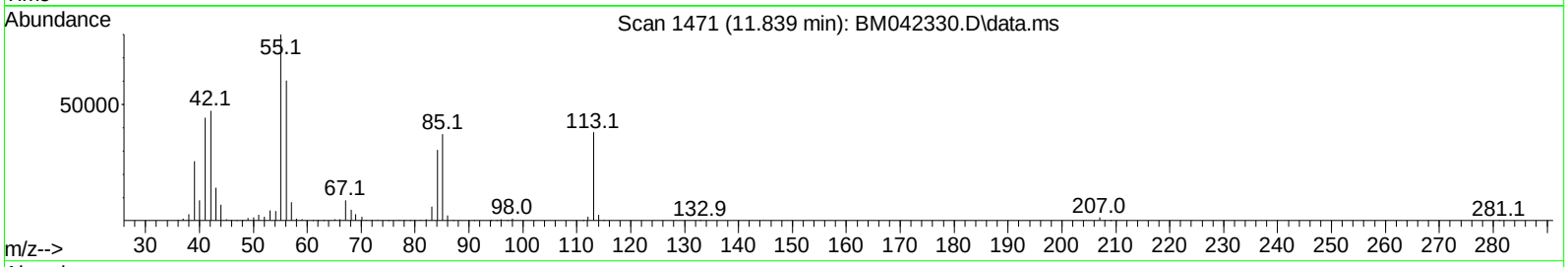

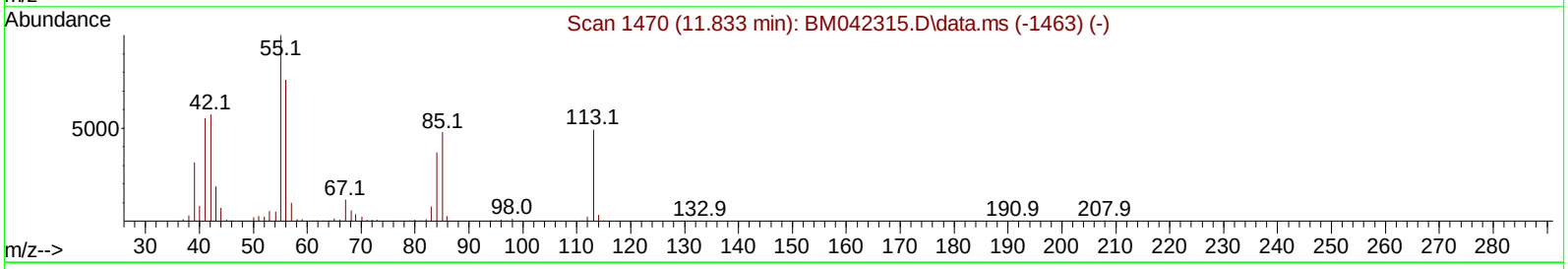

TIC: BM042330.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 23.24 ng/ul

response 80849

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	210.50
56.00	155.20	158.81
0.00	0.00	0.00

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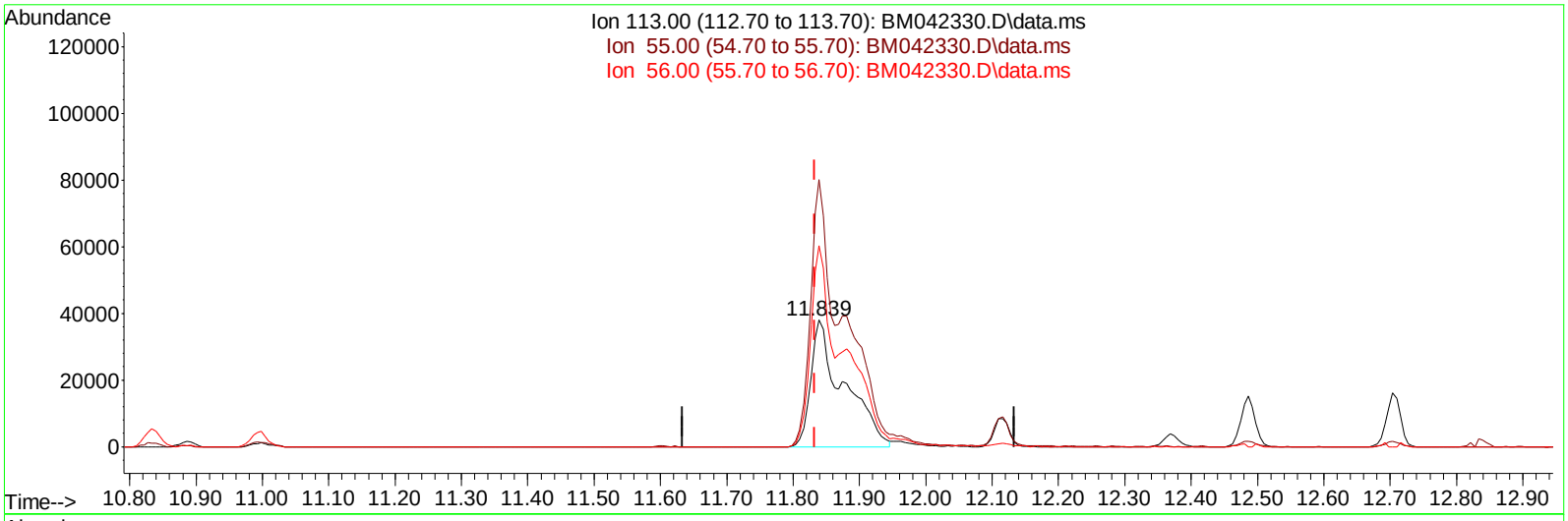

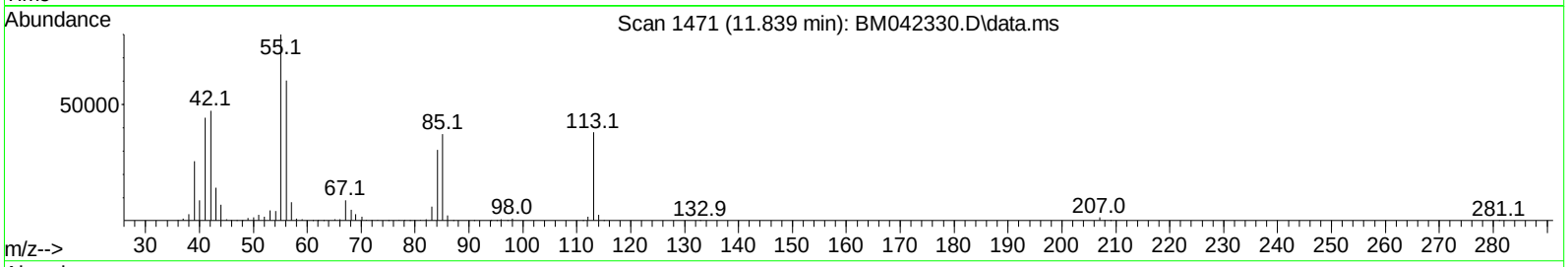

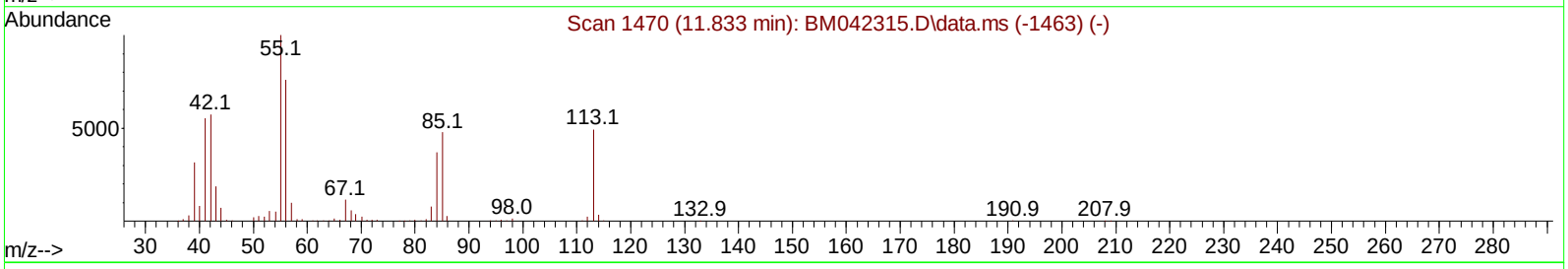

TIC: BM042330.D\data.ms

(34) Caprolactam

11.839min (+ 0.006) 37.57 ng/ul m

response 130700

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.60	210.50
56.00	155.20	158.81
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	8.010	152	125562	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	588758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	358159	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	749385	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	728803	20.000	ng/ul	0.00
88) Perylene-d12	24.056	264	727036	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29395	7.315	ng/uL	0.00
4) Pyridine-d5	3.804	84	425393	35.743	ng/ul	0.00
7) Phenol-d5	7.157	99	549485	39.488	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	362748	38.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	375868	39.265	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	421720	38.268	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	190510	38.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	208891	39.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	376818	38.630	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	519136	33.801	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	1184627	38.155	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1326860	39.048	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	240244	38.472	ng/ul	0.00
60) Fluorene-d10	15.645	176	974697	38.190	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	199043	37.916	ng/ul	0.00
73) Anthracene-d10	17.504	188	1519253	39.576	ng/ul	0.00
81) Pyrene-d10	19.792	212	1831583	41.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.897	264	1673135	41.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	60744	13.791	ng/uL	94
5) Pyridine	3.822	79	428482	34.776	ng/ul	98
6) Benzaldehyde	7.169	77	287667	40.439	ng/ul	97
8) Phenol	7.187	94	556844	39.624	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	455880	39.064	ng/ul	99
12) 2-Chlorophenol	7.569	128	396317	39.637	ng/ul	99
13) 2-Methylphenol	8.451	108	406620	38.768	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	780705m	39.237	ng/ul	
16) Acetophenone	8.863	105	672838	39.328	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	398338	39.339	ng/ul	100
18) 4-Methylphenol	8.787	108	447109	38.681	ng/ul	99
19) Hexachloroethane	9.081	117	165013	39.117	ng/ul	97
22) Nitrobenzene	9.257	77	550687	38.939	ng/ul	99
23) Isophorone	9.769	82	1073171	39.135	ng/ul	100
25) 2-Nitrophenol	9.957	139	228157	39.006	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	446637	35.929	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	653725	38.125	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	371950	39.042	ng/ul	99
30) Naphthalene	10.886	128	1313169	38.049	ng/ul	100
32) 4-Chloroaniline	11.022	127	492623	33.184	ng/ul	98
33) Hexachlorobutadiene	11.116	225	205517	37.371	ng/ul	96
34) Caprolactam	11.839	113	130700m	37.573	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	463938	39.535	ng/ul	99

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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	891261	37.728	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	887313	37.163	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	428333	37.981	ng/ul	97
40) Hexachlorocyclopentadiene	12.780	237	226151	30.985	ng/ul	97
41) 2,4,6-Trichlorophenol	13.086	196	294863	39.106	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	323574	39.973	ng/ul	100
43) 1,1'-Biphenyl	13.492	154	1169820	38.109	ng/ul	99
44) 2-Chloronaphthalene	13.539	162	902841	38.371	ng/ul	99
45) 2-Nitroaniline	13.774	65	361312	42.713	ng/ul	98
47) Dimethylphthalate	14.116	163	1183144	38.295	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	233030	41.666	ng/ul	95
50) Acenaphthylene	14.386	152	1552180	39.553	ng/ul	99
51) 3-Nitroaniline	14.598	138	255282	38.723	ng/ul	97
52) Acenaphthene	14.721	153	1023024	38.807	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	137036	36.199	ng/ul	95
55) 4-Nitrophenol	14.886	109	197549	38.996	ng/ul	98
56) Dibenzofuran	15.051	168	1366749	38.592	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	345123	41.849	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.268	232	274035	40.338	ng/ul	98
59) Diethylphthalate	15.463	149	1252429	39.714	ng/ul	99
61) Fluorene	15.704	166	1154961	39.321	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	560837	39.543	ng/ul	97
63) 4-Nitroaniline	15.763	138	259137	43.951	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.792	198	219158	39.920	ng/ul#	95
67) N-Nitrosodiphenylamine	15.915	169	964305	40.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	330017	40.944	ng/ul	97
69) Hexachlorobenzene	16.668	284	369352	40.303	ng/ul	99
70) Atrazine	16.862	200	299806	36.649	ng/ul	96
71) Pentachlorophenol	17.033	266	234307	37.732	ng/ul	99
72) Phenanthrene	17.451	178	1853066	40.311	ng/ul	99
74) Anthracene	17.539	178	1858254	40.190	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	422391	38.042	ng/uL	99
76) Pentachlorobenzene	14.945	250	405763	37.218	ng/uL	98
77) Carbazole	17.827	167	1729422	41.061	ng/ul	99
78) Di-n-butylphthalate	18.345	149	2245257	42.114	ng/ul	100
80) Fluoranthene	19.456	202	2184434	41.529	ng/ul	97
82) Pyrene	19.827	202	2318338	41.922	ng/ul	97
83) Butylbenzylphthalate	20.703	149	1024789	43.474	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.509	252	659446	37.879	ng/ul	99
85) Benzo(a)anthracene	21.568	228	2275632	41.160	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1539053	44.190	ng/ul	98
87) Chrysene	21.621	228	2101661	41.336	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	2688972	45.789	ng/ul	100
90) Benzo(b)fluoranthene	23.291	252	2111539	42.741	ng/ul	98
91) Benzo(k)fluoranthene	23.344	252	2134678	43.689	ng/ul	98
93) Benzo(a)pyrene	23.950	252	1972045	42.656	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.656	276	2231653	39.745	ng/ul	98
95) Dibenzo(a,h)anthracene	26.674	278	1864715	40.034	ng/ul	98
96) Benzo(g,h,i)perylene	27.468	276	1697614	38.650	ng/ul	97

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

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