Quantitation Report (Qedit)

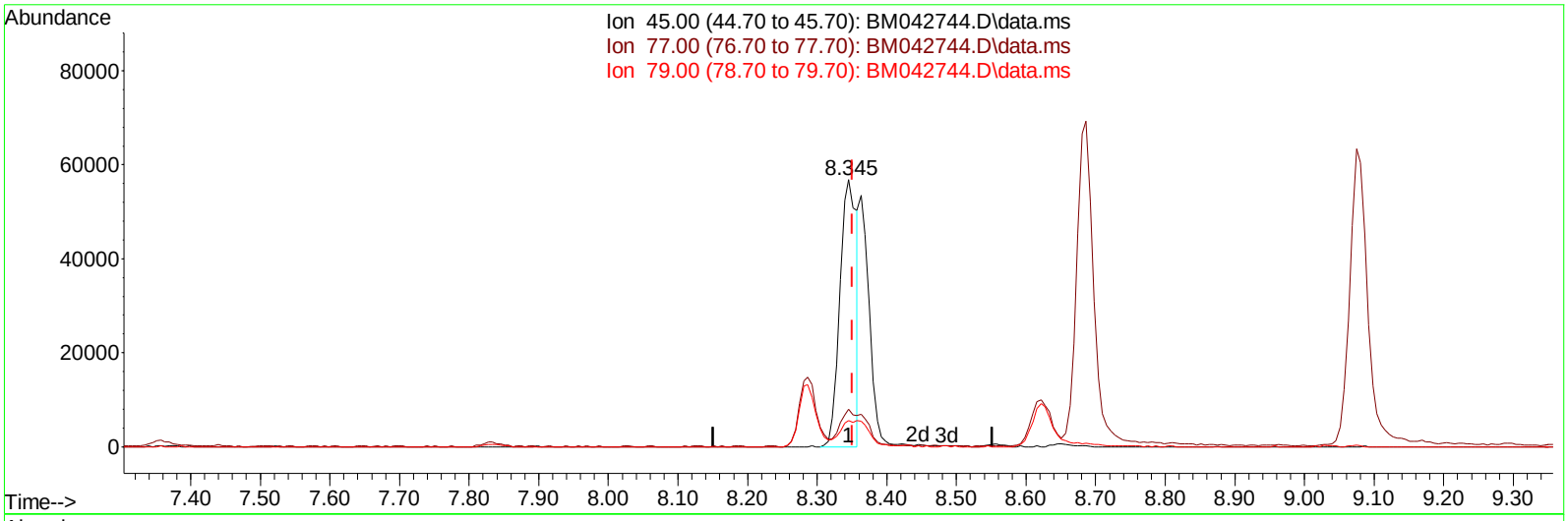
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042744.D
Acq On : 14 Nov 2023 21:22
Operator : MA/JU
Sample : 05057-05MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

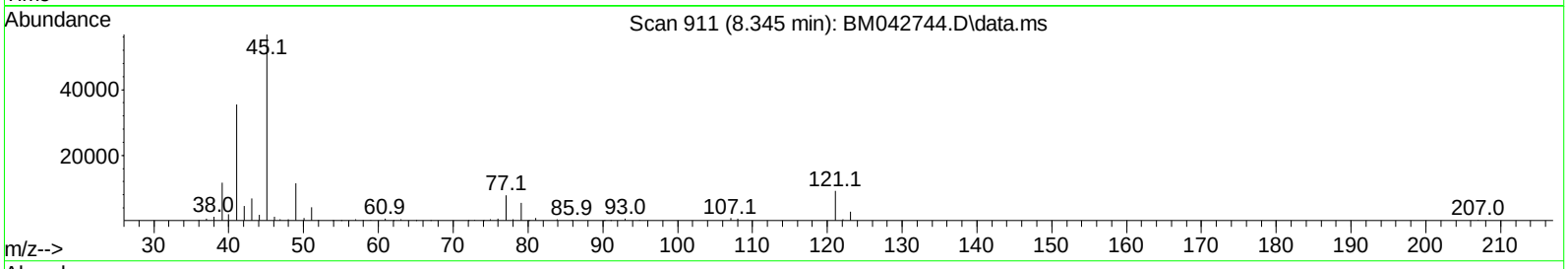
Quant Time: Nov 15 03:34:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

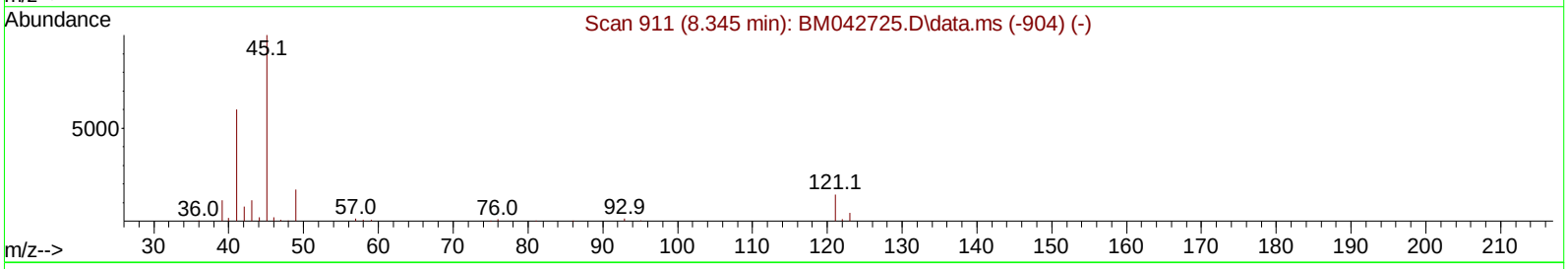
Instrument :
BNA_M
ClientSampleId :
A4939MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042744.D\data.ms

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

8.345min (-0.006) 29.70 ng/ul

response 95613

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.96
79.00	10.20	9.91
0.00	0.00	0.00

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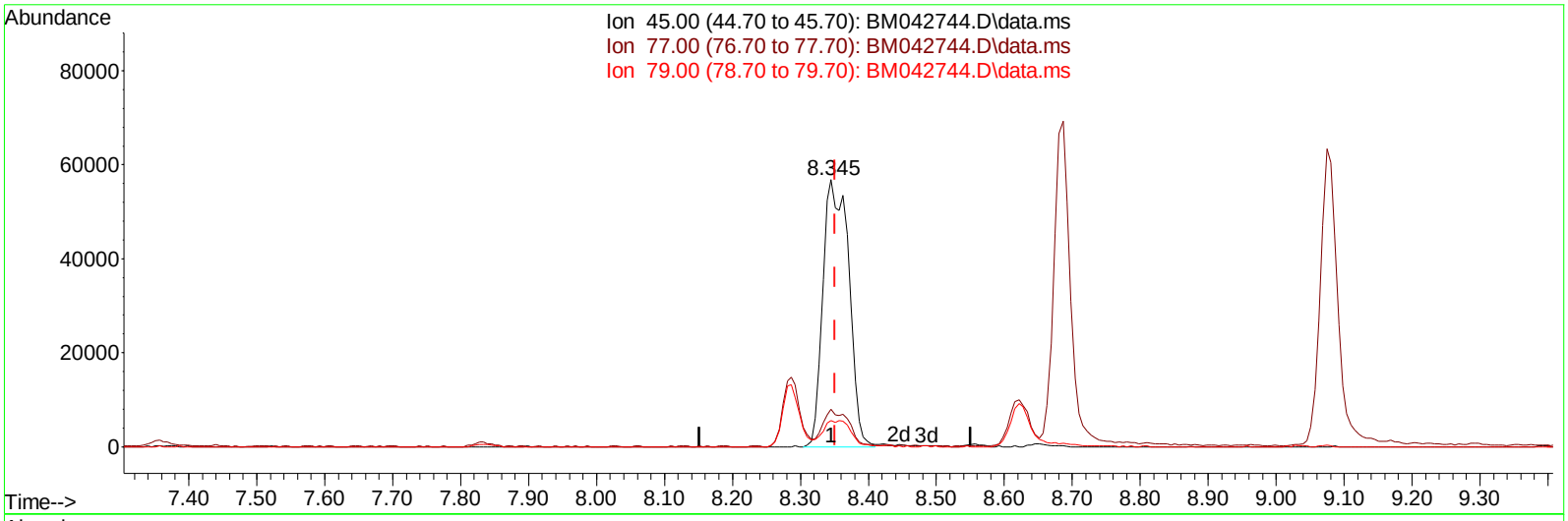

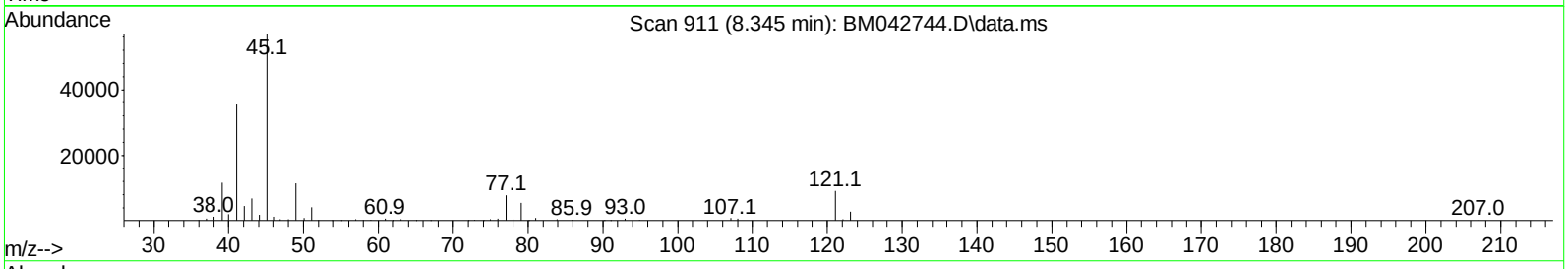

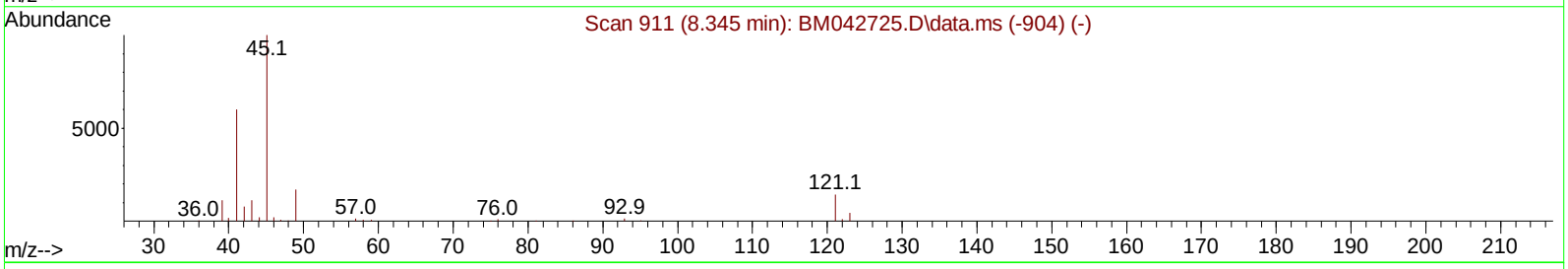

TIC: BM042744.D\data.ms

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

8.345min (-0.006) 46.38 ng/ul m

response 149298

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.96
79.00	10.20	9.91
0.00	0.00	0.00

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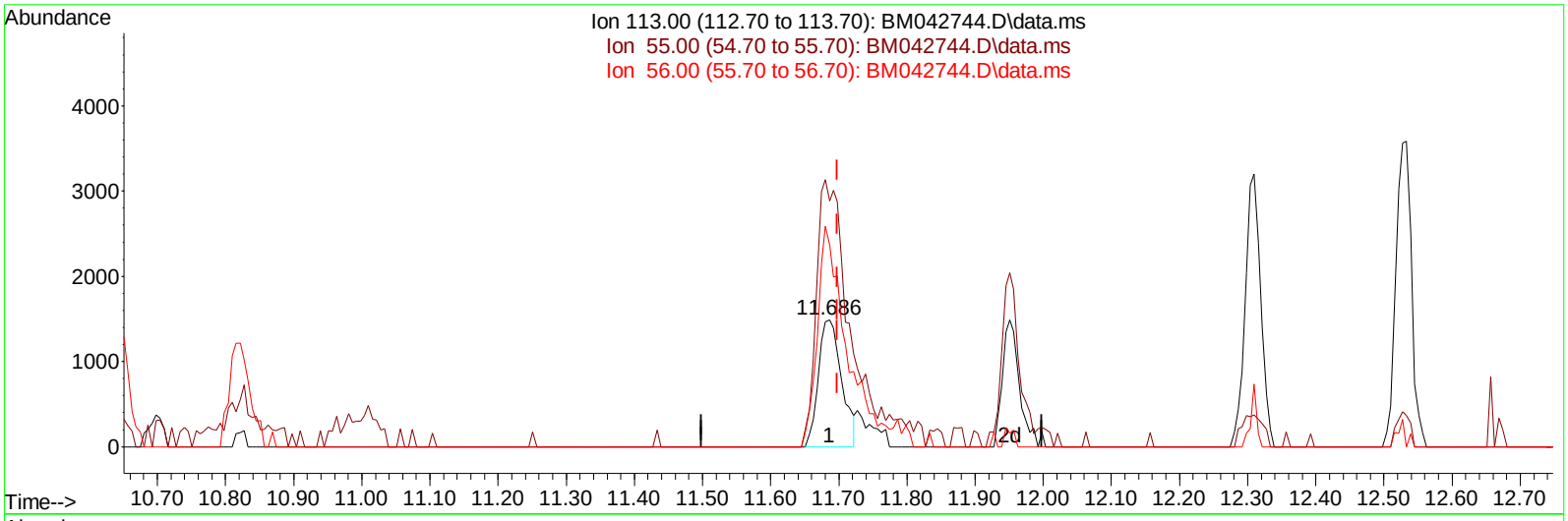

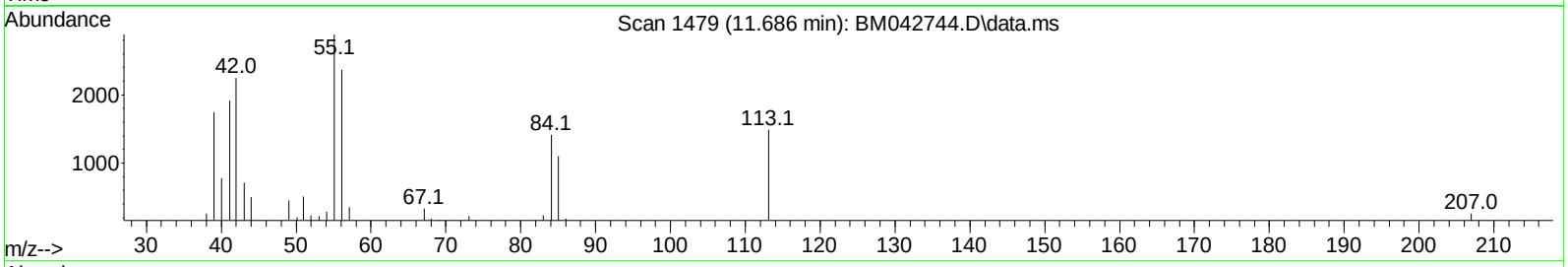

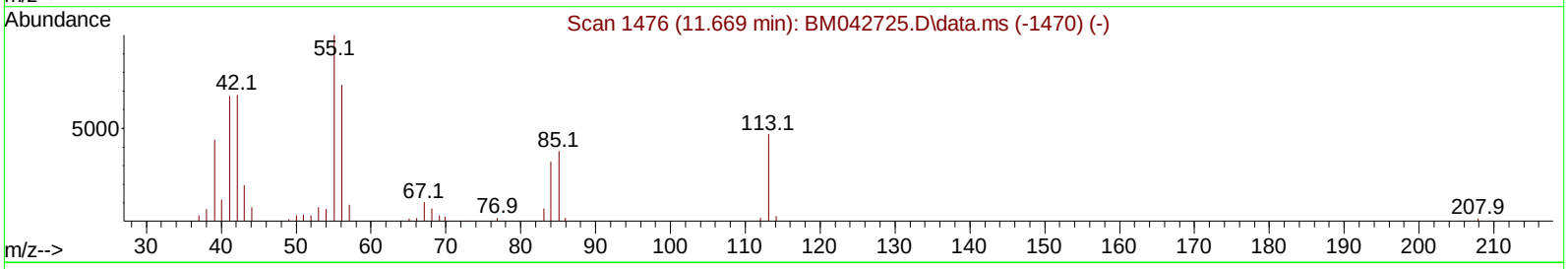

TIC: BM042744.D\data.ms

(34) Caprolactam

11.686min (-0.012) 6.58 ng/ul

response 3512

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	193.69
56.00	167.90	159.03
0.00	0.00	0.00

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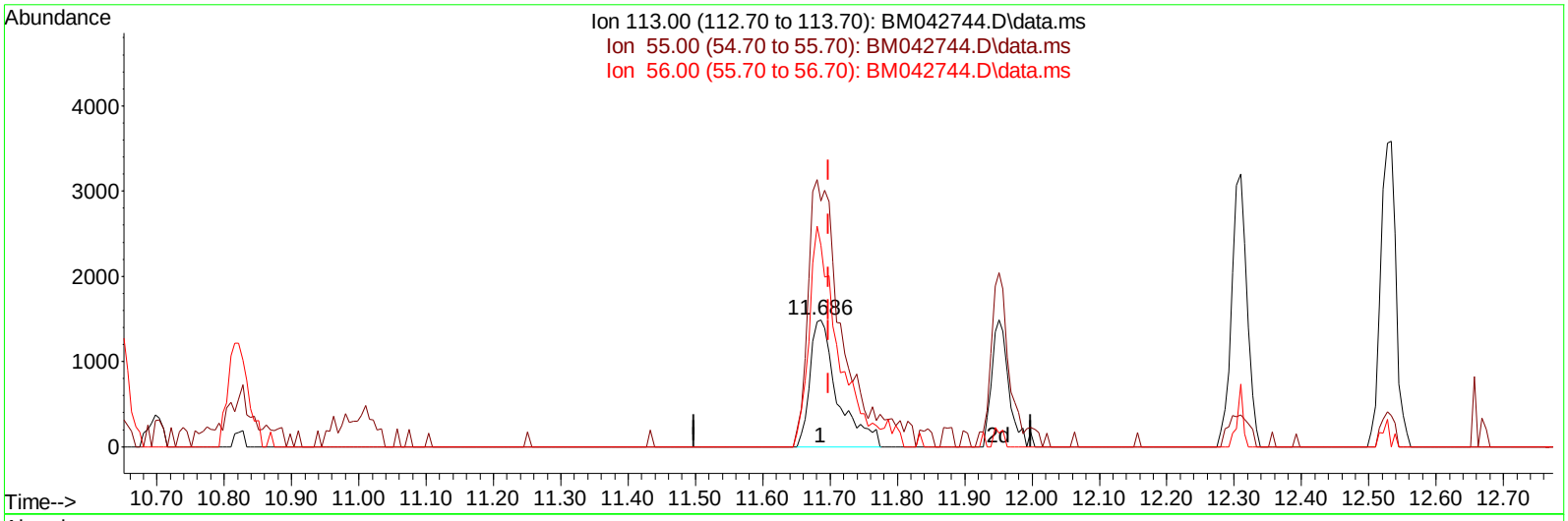

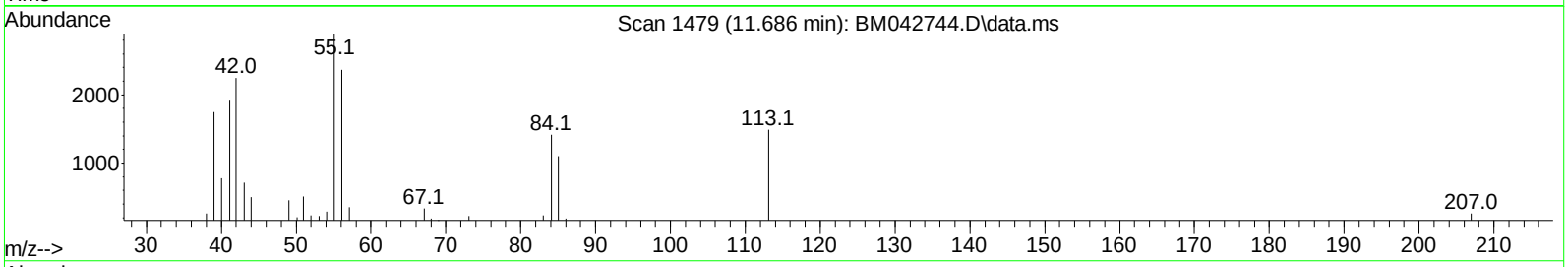

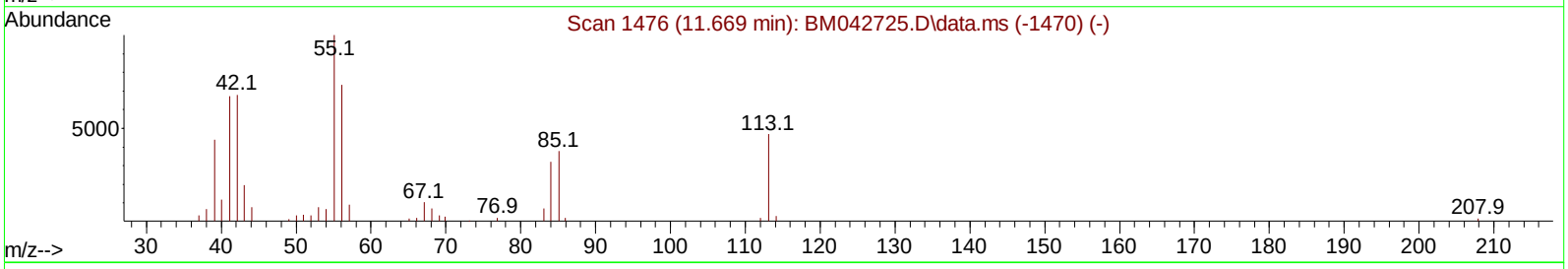

TIC: BM042744.D\data.ms

(34) Caprolactam

11.686min (-0.012) 7.94 ng/ul m

response 4235

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	193.69
56.00	167.90	159.03
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	7.834	152	22114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	99627	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.486	164	68706	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.245	188	154790	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	171827	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	179911	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3018	4.282	ng/uL	0.00
4) Pyridine-d5	3.622	84	21500	12.264	ng/ul	0.00
7) Phenol-d5	7.004	99	22098	10.267	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	63125	41.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	50507	30.413	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	37708	22.251	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	31224	35.747	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	35081	34.332	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	65673	34.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	80085	33.198	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	263540	40.529	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	266550	38.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	5825	7.929	ng/ul	0.00
60) Fluorene-d10	15.480	176	220941	41.032	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	47839	40.801	ng/ul	-0.01
73) Anthracene-d10	17.345	188	362856	41.829	ng/ul	0.00
81) Pyrene-d10	19.639	212	494858	43.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.638	264	486464	45.204	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	5819	7.753	ng/uL	98
5) Pyridine	3.646	79	28322	14.857	ng/ul	98
6) Benzaldehyde	6.998	77	60610	49.083	ng/ul	92
8) Phenol	7.028	94	27545	12.867	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.275	93	76415	43.212	ng/ul	94
12) 2-Chlorophenol	7.386	128	56100	33.944	ng/ul	89
13) 2-Methylphenol	8.286	108	45592	28.559	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	149298m	46.378	ng/ul	
16) Acetophenone	8.686	105	123470	43.331	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.651	70	81072	46.738	ng/ul	92
18) 4-Methylphenol	8.622	108	45487	26.207	ng/ul	100
19) Hexachloroethane	8.886	117	31261	33.937	ng/ul	95
22) Nitrobenzene	9.075	77	114439	43.348	ng/ul	97
23) Isophorone	9.580	82	226162	43.013	ng/ul	97
25) 2-Nitrophenol	9.775	139	39437	37.987	ng/ul	95
26) 2,4-Dimethylphenol	9.822	107	68792	30.970	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	113050	42.548	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	67252	37.386	ng/ul	96
30) Naphthalene	10.698	128	237933	38.121	ng/ul	100
32) 4-Chloroaniline	10.845	127	80454	34.763	ng/ul	99
33) Hexachlorobutadiene	10.916	225	52119	32.800	ng/ul	99
34) Caprolactam	11.686	113	4235m	7.940	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	72746	37.740	ng/ul	95

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.310	142	172171	41.158	ng/ul	98
37)	1-Methylnaphthalene	12.527	142	172435	39.206	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.663	216	107859	40.029	ng/ul	97
40)	Hexachlorocyclopentadiene	12.604	237	30337	23.781	ng/ul	93
41)	2,4,6-Trichlorophenol	12.921	196	69416	42.176	ng/ul	94
42)	2,4,5-Trichlorophenol	12.998	196	73957	46.535	ng/ul	98
43)	1,1'-Biphenyl	13.321	154	241118	42.081	ng/ul#	97
44)	2-Chloronaphthalene	13.374	162	193063	41.884	ng/ul	98
45)	2-Nitroaniline	13.621	65	79500	52.884	ng/ul	98
47)	Dimethylphthalate	13.963	163	292060	46.114	ng/ul	99
48)	2,6-Dinitrotoluene	14.110	165	55928	47.004	ng/ul	96
50)	Acenaphthylene	14.221	152	344556	44.197	ng/ul	100
51)	3-Nitroaniline	14.457	138	44680	45.921	ng/ul	96
52)	Acenaphthene	14.551	153	235849	44.733	ng/ul	97
53)	2,4-Dinitrophenol	14.662	184	25481	43.069	ng/ul	88
55)	4-Nitrophenol	14.780	109	17381	15.035	ng/ul#	26
56)	Dibenzofuran	14.892	168	333972	45.638	ng/ul	99
57)	2,4-Dinitrotoluene	14.898	165	86974	49.789	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.110	232	74779	45.328	ng/ul#	99
59)	Diethylphthalate	15.310	149	311275	46.869	ng/ul	98
61)	Fluorene	15.539	166	300714	48.401	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.533	204	160243	47.857	ng/ul	98
63)	4-Nitroaniline	15.621	138	44263	49.900	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.645	198	55265	46.298	ng/ul	94
67)	N-Nitrosodiphenylamine	15.757	169	233216	48.038	ng/ul	99
68)	4-Bromophenyl-phenylether	16.427	248	96042	46.614	ng/ul	95
69)	Hexachlorobenzene	16.509	284	119012	47.250	ng/ul	94
70)	Atrazine	16.709	200	74043	39.595	ng/ul	97
71)	Pentachlorophenol	16.880	266	65568	45.206	ng/ul	98
72)	Phenanthrene	17.286	178	471147	48.722	ng/ul	99
74)	Anthracene	17.374	178	473371	48.667	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.274	216	110412	40.340	ng/uL	99
76)	Pentachlorobenzene	14.780	250	118148	41.139	ng/uL	98
77)	Carbazole	17.668	167	401250	49.959	ng/ul	99
78)	Di-n-butylphthalate	18.186	149	577204	49.147	ng/ul	98
80)	Fluoranthene	19.297	202	610531	47.588	ng/ul	98
82)	Pyrene	19.668	202	659052	48.448	ng/ul	98
83)	Butylbenzylphthalate	20.550	149	266353	45.842	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.356	252	150301	34.177	ng/ul	99
85)	Benzo(a)anthracene	21.409	228	659787	48.915	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.291	149	409409	46.443	ng/ul	99
87)	Chrysene	21.462	228	629290	48.106	ng/ul	99
89)	Di-n-octyl phthalate	22.203	149	695761	47.875	ng/ul	100
90)	Benzo(b)fluoranthene	23.062	252	630183	51.326	ng/ul#	98
91)	Benzo(k)fluoranthene	23.109	252	667334	51.059	ng/ul	99
93)	Benzo(a)pyrene	23.685	252	603319	50.428	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.262	276	753535	50.679	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.273	278	637981	51.754	ng/ul	99
96)	Benzo(g,h,i)perylene	27.032	276	593777	50.290	ng/ul	99

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

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