Quantitation Report (Qedit)

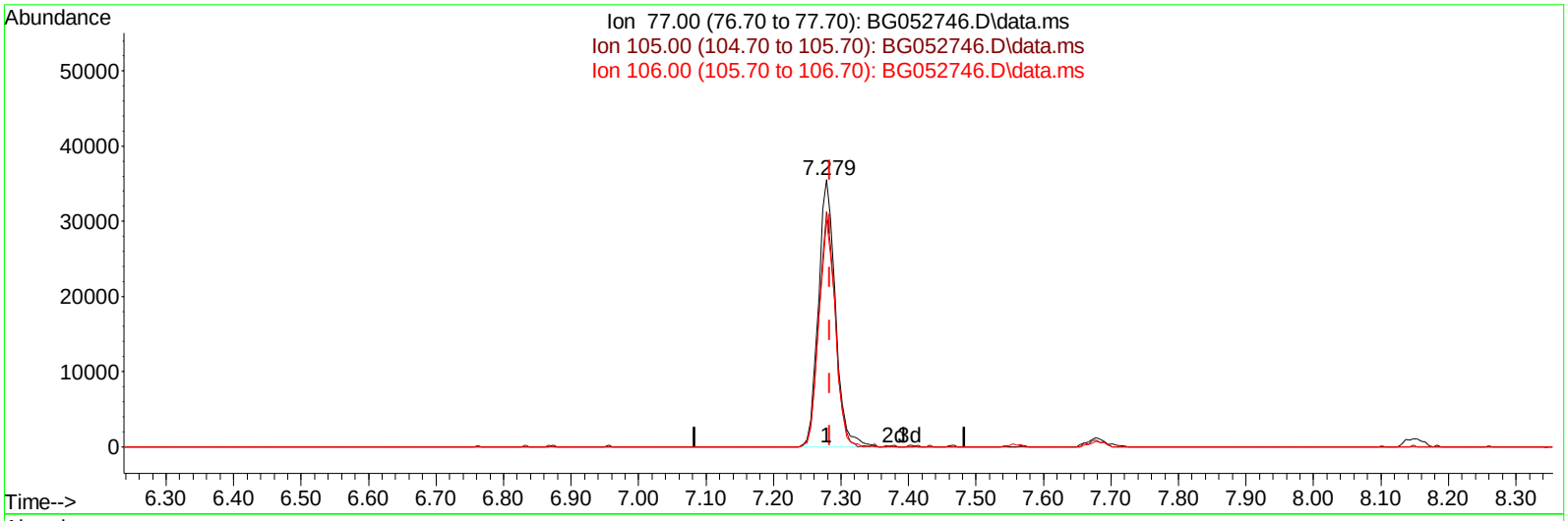
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052746.D
Acq On : 19 Mar 2022 15:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 47 Sample Multiplier: 1

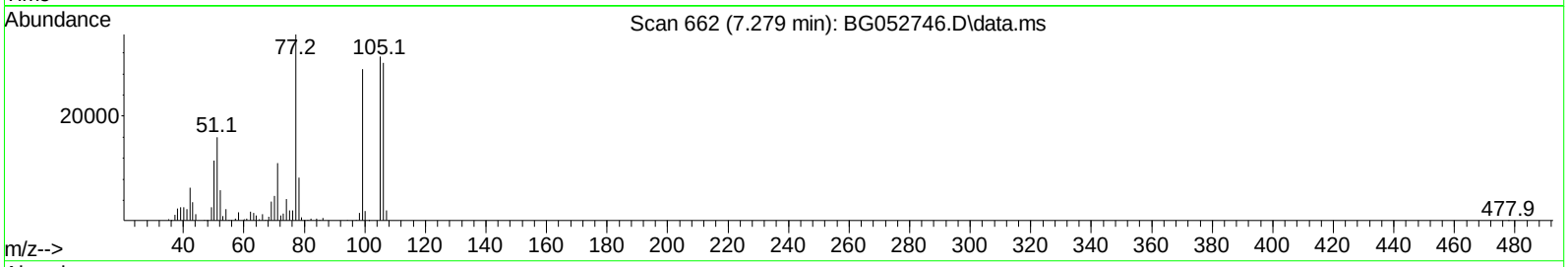
Quant Time: Mar 21 00:38:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 00:55:42 2022
Response via : Initial Calibration

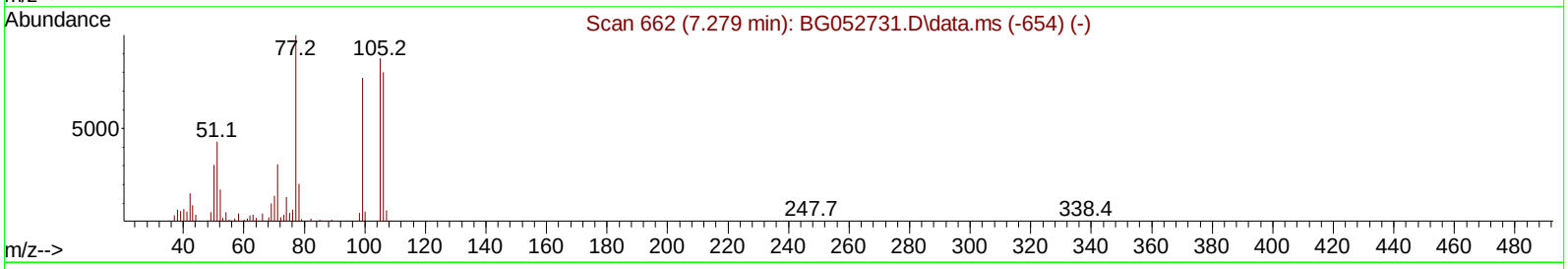
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022







TIC: BG052746.D\data.ms

(6) Benzaldehyde

7.279min (-0.005) 22.77 ng/ul

response 62609

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	88.11
106.00	83.10	84.95
0.00	0.00	0.00

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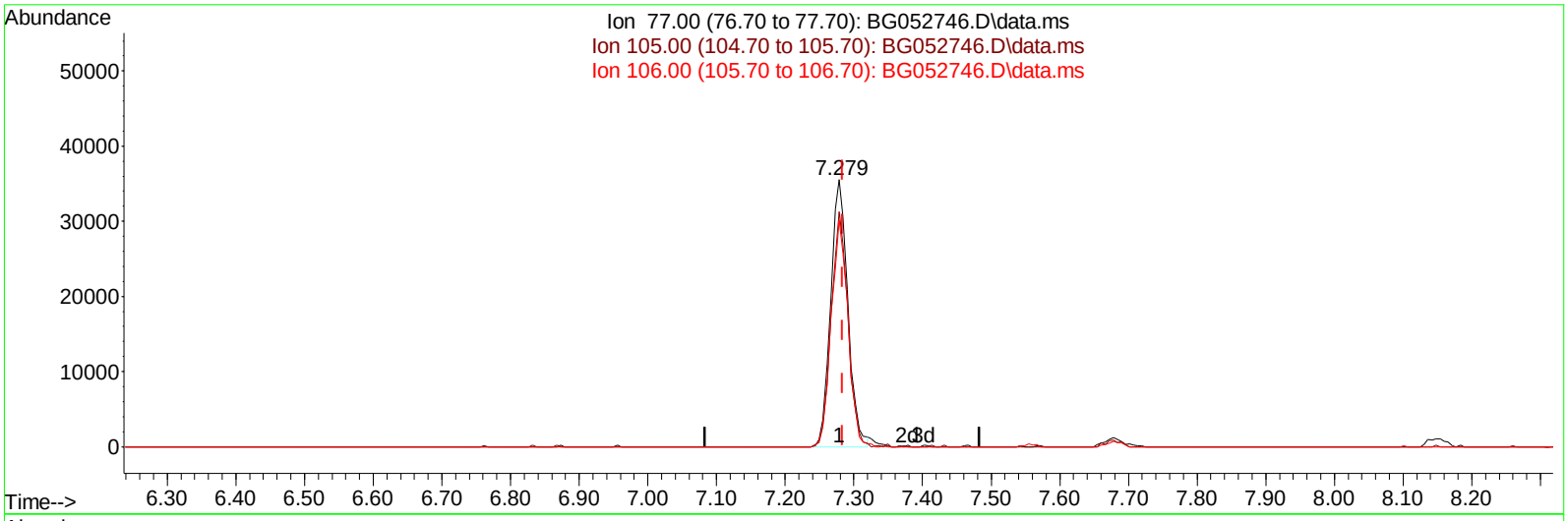

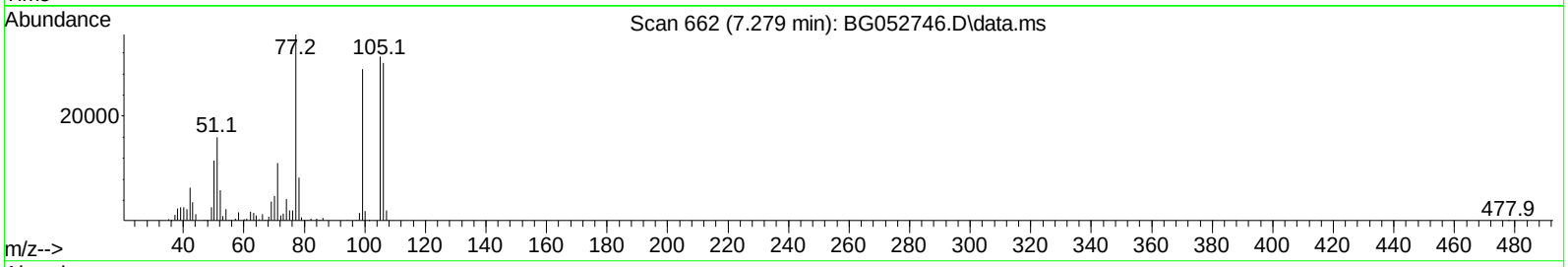

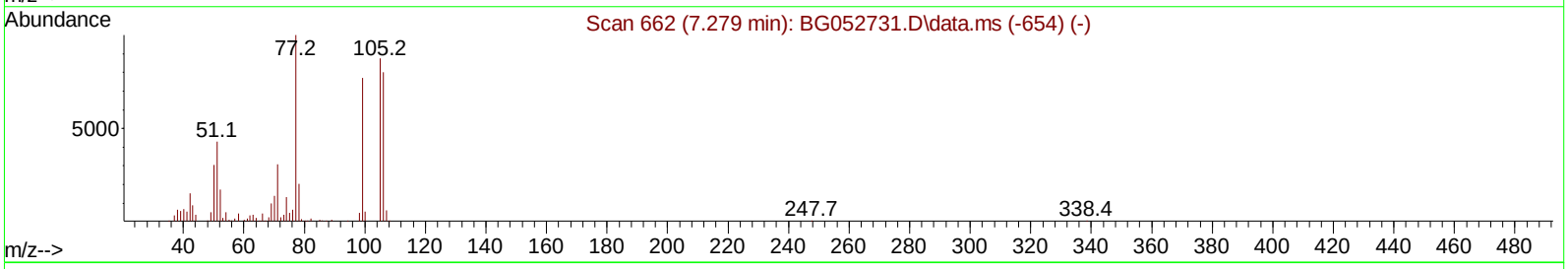

TIC: BG052746.D\data.ms

(6) Benzaldehyde

7.279min (-0.005) 22.45 ng/ul m

response 61732

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	88.11
106.00	83.10	84.95
0.00	0.00	0.00

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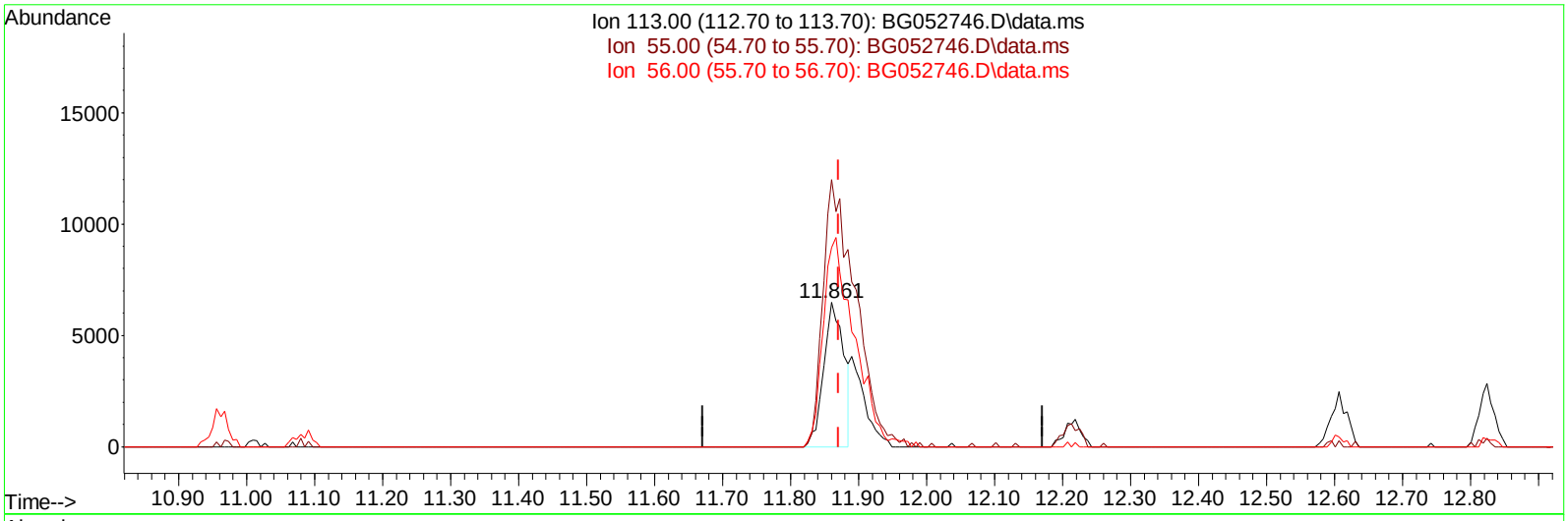

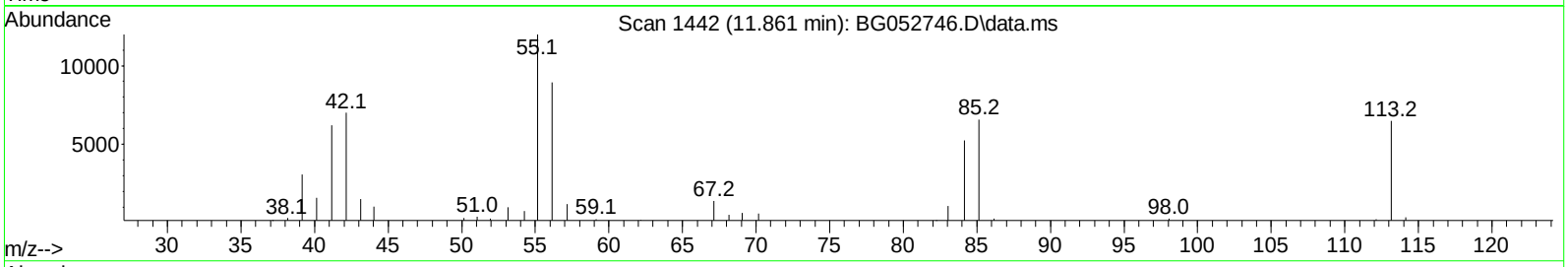

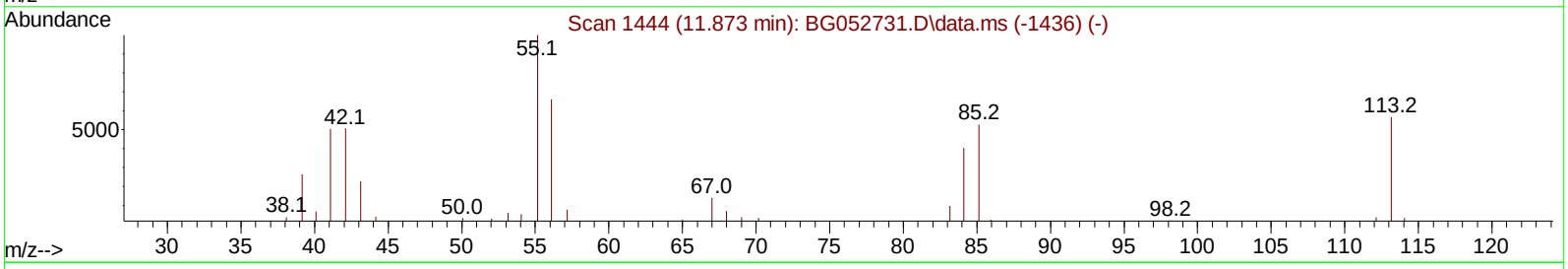

TIC: BG052746.D\data.ms

(34) Caprolactam

11.861min (-0.011) 14.92 ng/ul

response 13339

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	185.13
56.00	120.10	138.08
0.00	0.00	0.00

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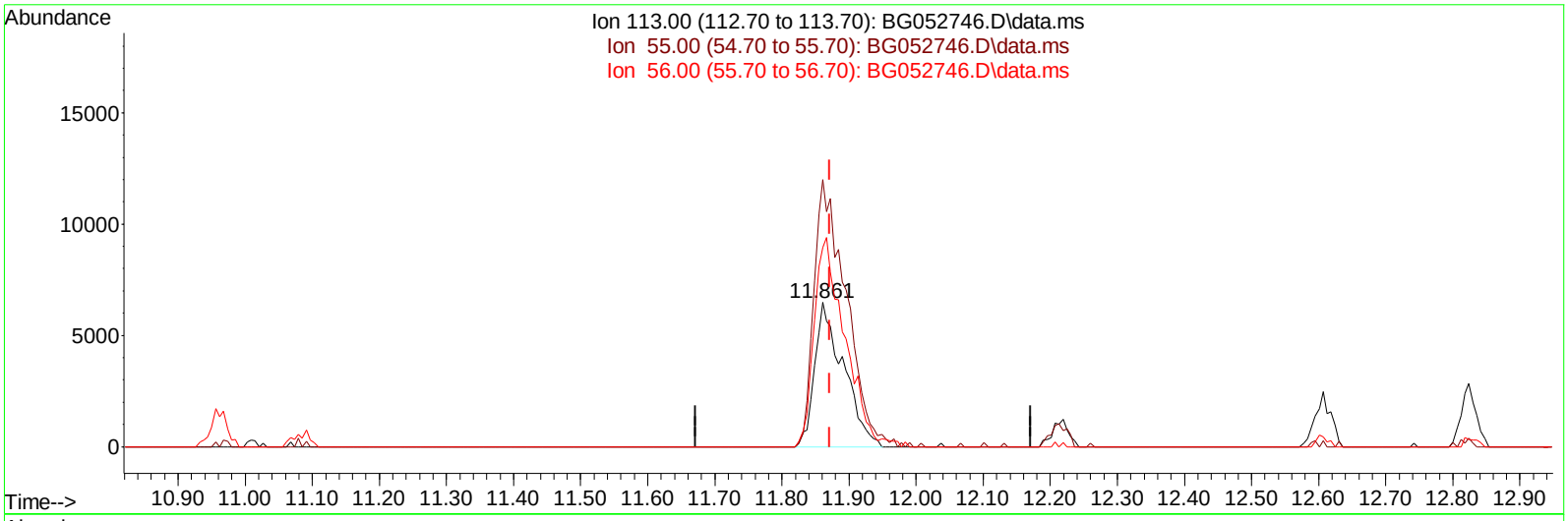

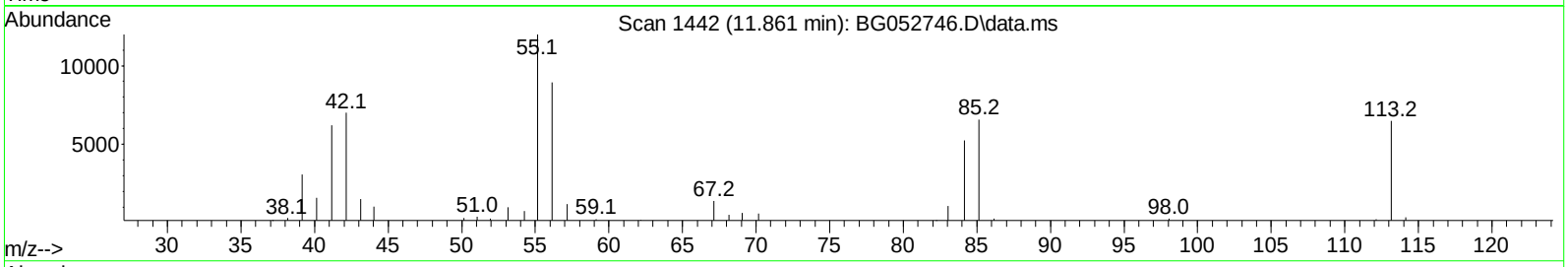

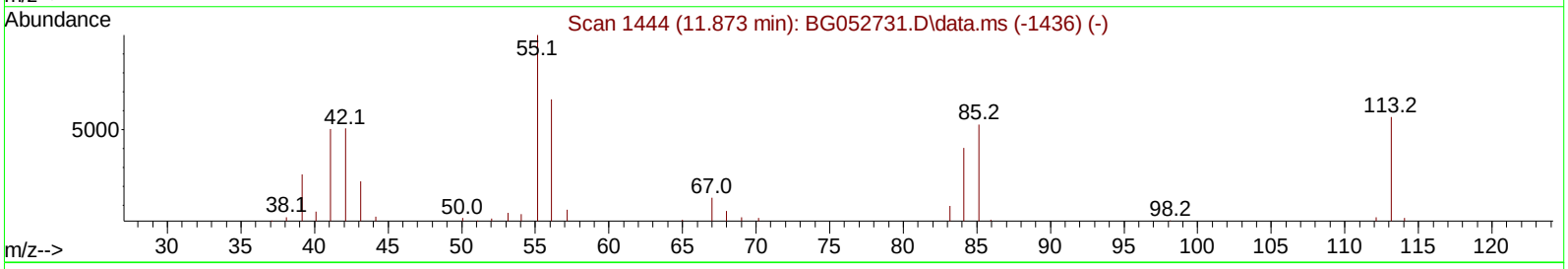

TIC: BG052746.D\data.ms

(34) Caprolactam

11.861min (-0.011) 21.64 ng/ul m

response 19344

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	185.13
56.00	120.10	138.08
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	46186	20.000	ng/ul	0.00
20) Naphthalene-d8	10.962	136	184793	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.768	164	133524	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.512	188	313173	20.000	ng/ul	0.00
79) Chrysene-d12	21.800	240	316784	20.000	ng/ul	0.00
88) Perylene-d12	25.119	264	325498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.560	96	9879	7.555	ng/uL	0.00
4) Pyridine-d5	3.977	84	65107	19.945	ng/ul	0.00
7) Phenol-d5	7.290	99	84531	20.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	51020	20.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.678	132	58161	20.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.841	113	62988	21.020	ng/ul	0.00
21) Nitrobenzene-d5	9.311	128	29341	22.057	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	32032	22.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.568	165	64062	20.988	ng/ul	0.00
31) 4-Chloroaniline-d4	11.085	131	81959	20.316	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	210079	20.480	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	250430	20.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.933	143	36303	21.049	ng/ul	0.00
60) Fluorene-d10	15.755	176	177816	19.742	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.861	200	32866	20.622	ng/ul	0.00
73) Anthracene-d10	17.612	188	292618	20.065	ng/ul	0.00
81) Pyrene-d10	19.891	212	369308	20.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.884	264	339816	20.205	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.601	88	11220	7.004	ng/uL#	85
5) Pyridine	4.001	79	70214	19.907	ng/ul	97
6) Benzaldehyde	7.279	77	61732m	22.448	ng/ul	
8) Phenol	7.314	94	84607	21.221	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.561	93	62900	20.913	ng/ul	97
12) 2-Chlorophenol	7.707	128	57683	20.100	ng/ul	94
13) 2-Methylphenol	8.577	108	61236	19.763	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.677	45	103366	21.144	ng/ul	95
16) Acetophenone	8.965	105	99128	21.205	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.953	70	55897	20.511	ng/ul#	97
18) 4-Methylphenol	8.906	108	66920	20.729	ng/ul	98
19) Hexachloroethane	9.241	117	26708	20.975	ng/ul	92
22) Nitrobenzene	9.346	77	82288	21.171	ng/ul#	93
23) Isophorone	9.875	82	155133	20.881	ng/ul#	94
25) 2-Nitrophenol	10.069	139	32736	22.500	ng/ul#	93
26) 2,4-Dimethylphenol	10.116	107	75337	20.897	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.357	93	83140	20.124	ng/ul	100
29) 2,4-Dichlorophenol	10.598	162	59805	20.152	ng/ul	95
30) Naphthalene	11.015	128	192466	20.126	ng/ul	97
32) 4-Chloroaniline	11.109	127	82378	20.781	ng/ul	99
33) Hexachlorobutadiene	11.303	225	50364	20.780	ng/ul	96
34) Caprolactam	11.861	113	19344m	21.643	ng/ul	
35) 4-Chloro-3-methylphenol	12.213	107	70084	21.771	ng/ul	90

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.607	142	137142	20.321	ng/ul	98
37)	1-Methylnaphthalene	12.824	142	139649	20.439	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.971	216	88278	20.002	ng/ul	99
40)	Hexachlorocyclopentadiene	12.959	237	61809	20.230	ng/ul	99
41)	2,4,6-Trichlorophenol	13.200	196	56906	21.101	ng/ul	99
42)	2,4,5-Trichlorophenol	13.271	196	60805	20.878	ng/ul	98
43)	1,1'-Biphenyl	13.605	154	191079	20.026	ng/ul	98
44)	2-Chloronaphthalene	13.646	162	152054	19.902	ng/ul	99
45)	2-Nitroaniline	13.834	65	47420	21.173	ng/ul	97
47)	Dimethylphthalate	14.210	163	196492	20.072	ng/ul	98
48)	2,6-Dinitrotoluene	14.328	165	38537	21.732	ng/ul	96
50)	Acenaphthylene	14.492	152	241630	20.072	ng/ul	99
51)	3-Nitroaniline	14.657	138	41552	23.214	ng/ul#	99
52)	Acenaphthene	14.833	153	156569	19.908	ng/ul	98
53)	2,4-Dinitrophenol	14.857	184	27400	24.872	ng/ul#	71
55)	4-Nitrophenol	14.951	109	38087	20.983	ng/ul	94
56)	Dibenzofuran	15.162	168	236318	20.269	ng/ul	99
57)	2,4-Dinitrotoluene	15.109	165	54054	21.484	ng/ul#	85
58)	2,3,4,6-Tetrachlorophenol	15.385	232	54839	20.890	ng/ul#	95
59)	Diethylphthalate	15.573	149	205168	20.694	ng/ul	99
61)	Fluorene	15.808	166	189171	19.574	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.802	204	105231	20.463	ng/ul	94
63)	4-Nitroaniline	15.814	138	41317	23.473	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.873	198	33288	21.347	ng/ul	95
67)	N-Nitrosodiphenylamine	16.014	169	168637	19.916	ng/ul	96
68)	4-Bromophenyl-phenylether	16.695	248	69089	22.280	ng/ul	93
69)	Hexachlorobenzene	16.819	284	83101	20.746	ng/ul	96
70)	Atrazine	16.954	200	74003	21.325	ng/ul	99
71)	Pentachlorophenol	17.153	266	48677	19.984	ng/ul	91
72)	Phenanthrene	17.553	178	332437	20.226	ng/ul	99
74)	Anthracene	17.641	178	332090	20.209	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.576	216	96313	20.649	ng/uL	95
76)	Pentachlorobenzene	15.086	250	92927	20.766	ng/uL	97
77)	Carbazole	17.905	167	301782	20.780	ng/ul	96
78)	Di-n-butylphthalate	18.463	149	356073	20.619	ng/ul	100
80)	Fluoranthene	19.556	202	437170	20.934	ng/ul	99
82)	Pyrene	19.920	202	431373	20.782	ng/ul	97
83)	Butylbenzylphthalate	20.801	149	153654	21.291	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.683	252	153297	21.591	ng/ul	94
85)	Benzo(a)anthracene	21.777	228	416034	20.348	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.683	149	209712	20.980	ng/ul	100
87)	Chrysene	21.847	228	396933	20.354	ng/ul	98
89)	Di-n-octyl phthalate	22.934	149	349460	20.612	ng/ul	100
90)	Benzo(b)fluoranthene	24.062	252	429005	20.411	ng/ul	99
91)	Benzo(k)fluoranthene	24.132	252	384149	19.804	ng/ul	98
93)	Benzo(a)pyrene	24.961	252	396980	20.005	ng/ul	95
94)	Indeno(1,2,3-cd)pyrene	28.908	276	451523	20.120	ng/ul	97
95)	Dibenzo(a,h)anthracene	28.979	278	381713	20.012	ng/ul	98
96)	Benzo(g,h,i)perylene	30.083	276	373675	19.697	ng/ul	98

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

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