Quantitation Report (Qedit)

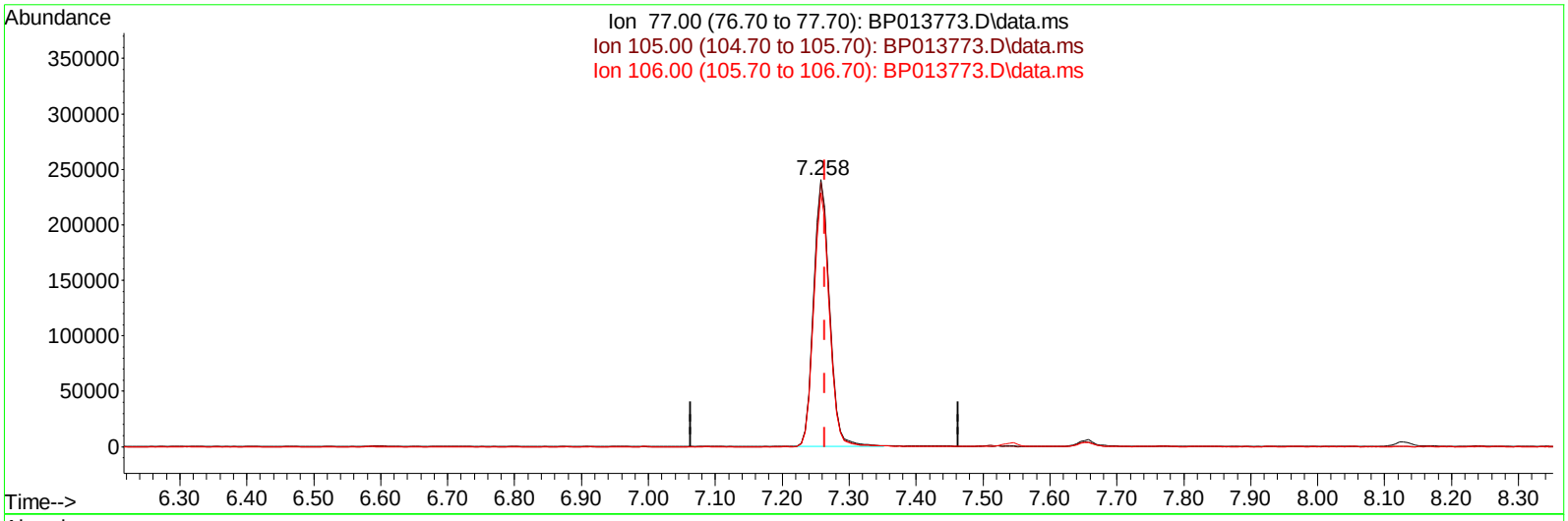
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
Data File : BP013773.D
Acq On : 06 Feb 2023 15:06
Operator : CG/JU
Sample : 01381-24MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

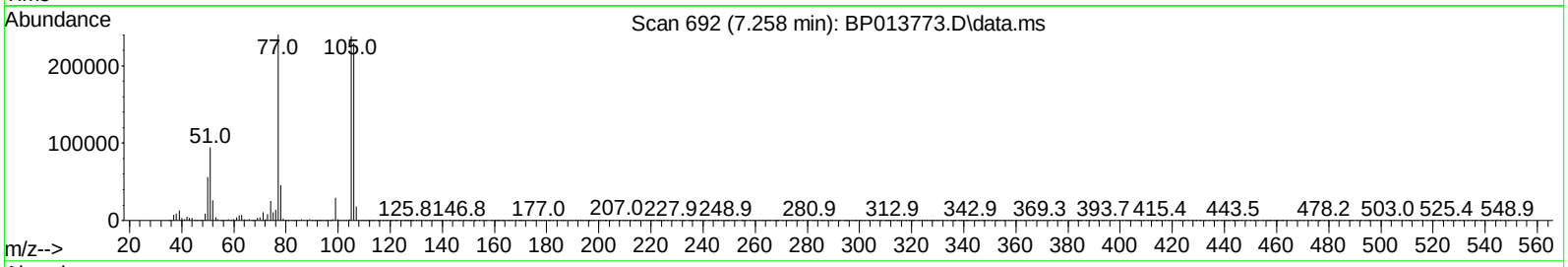
Quant Time: Feb 06 23:55:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 03 23:44:43 2023
Response via : Initial Calibration

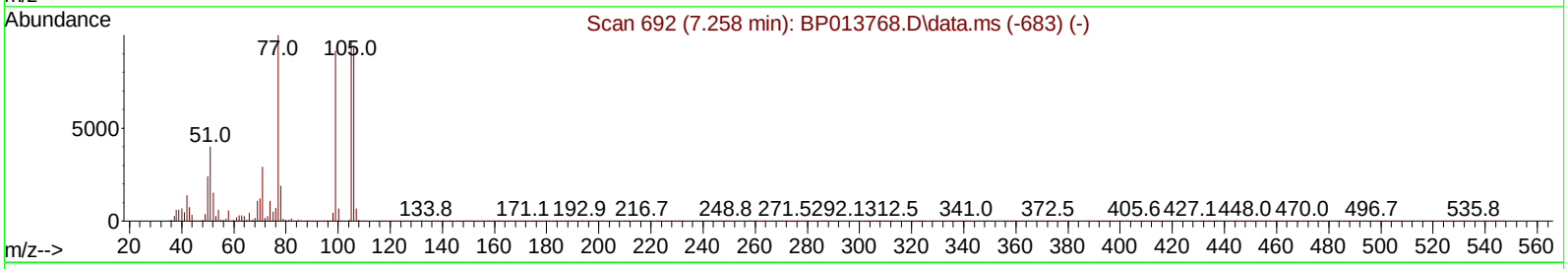
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023







TIC: BP013773.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 49.06 ng/ul

response 397640

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	99.12
106.00	93.70	95.24
0.00	0.00	0.00

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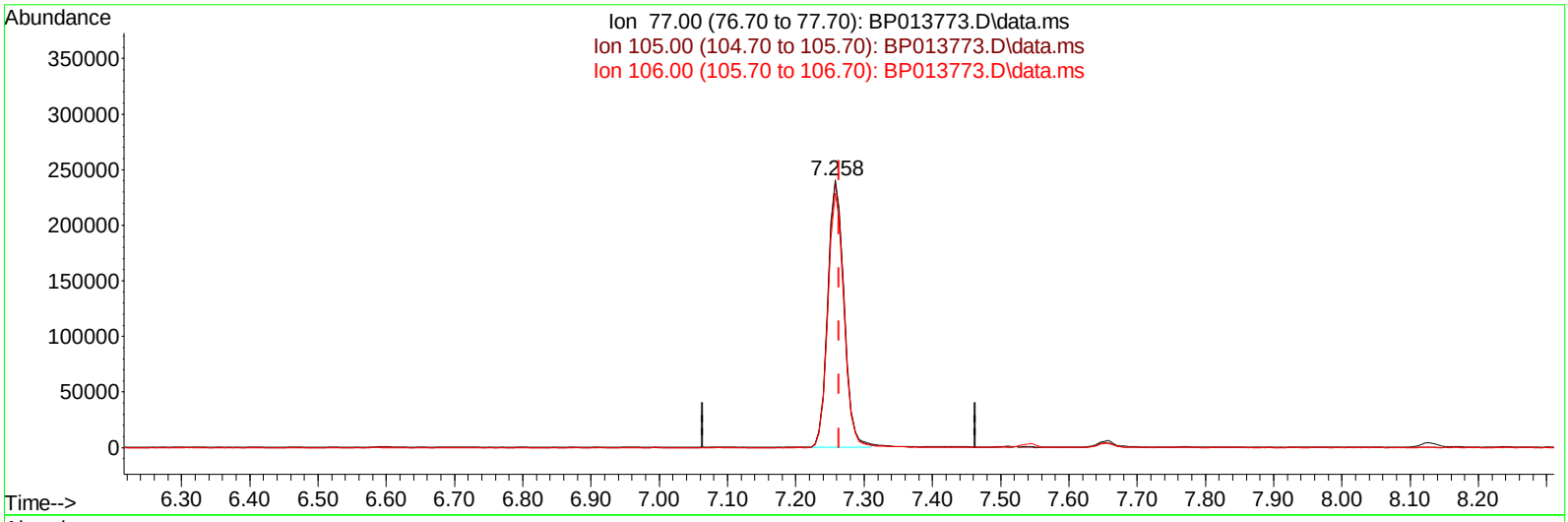

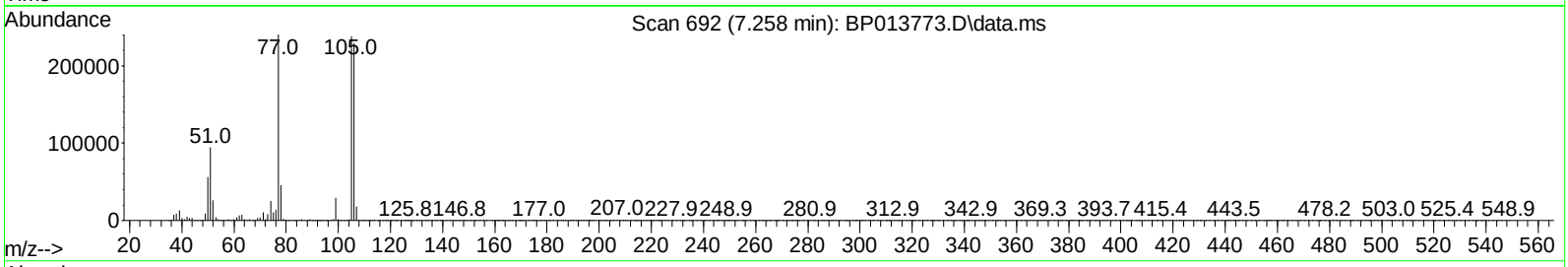

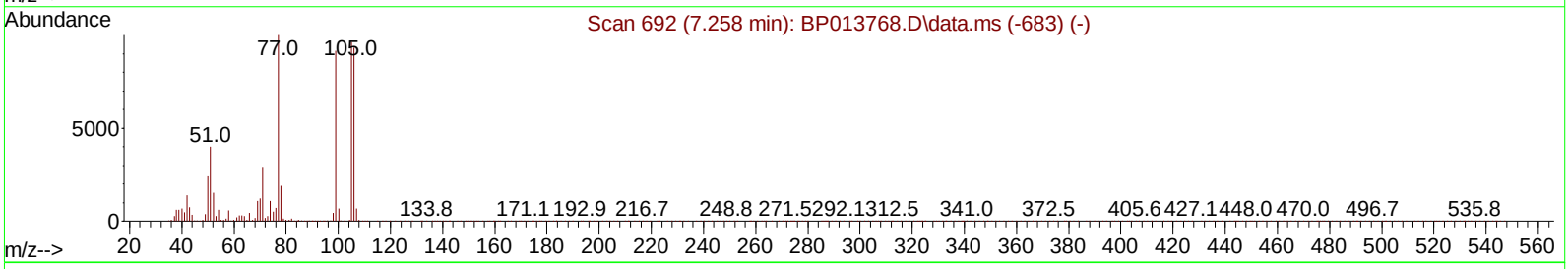

TIC: BP013773.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 48.84 ng/ul m

response 395882

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	99.12
106.00	93.70	95.24
0.00	0.00	0.00

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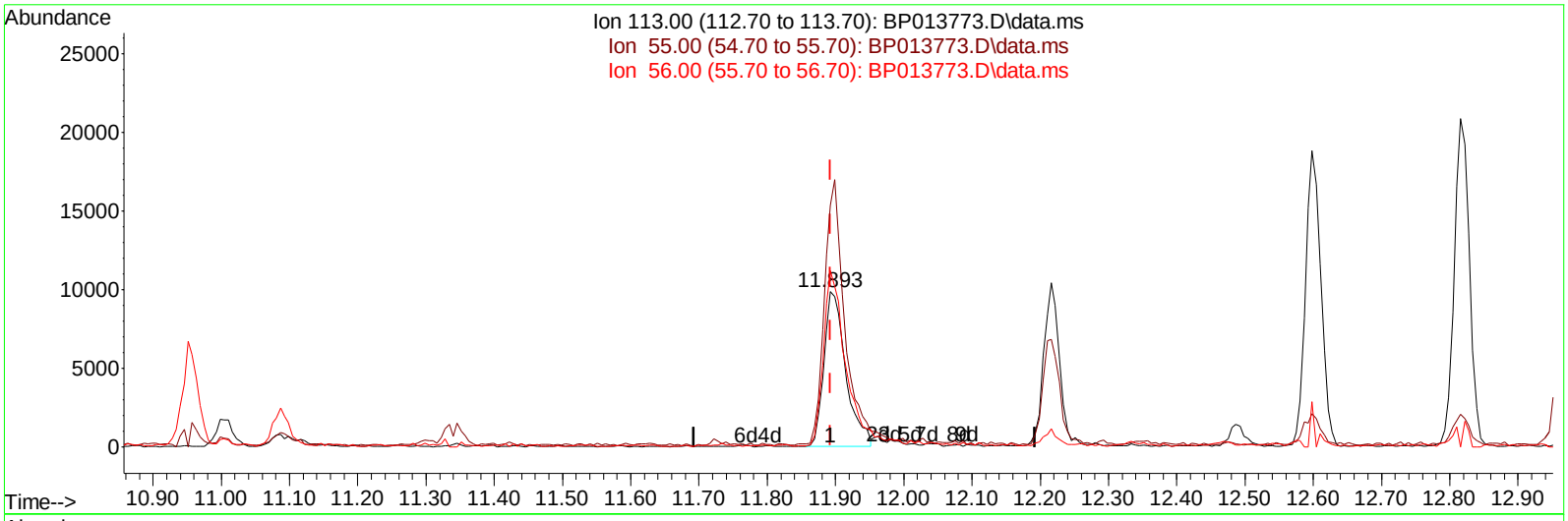

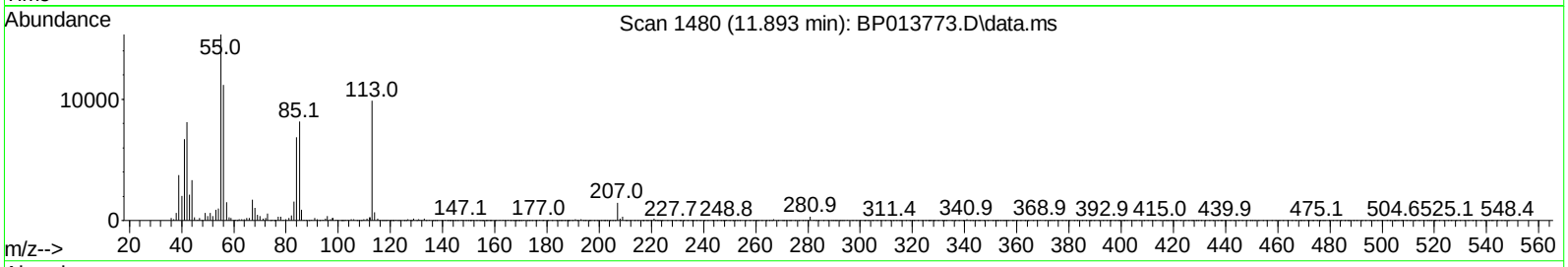

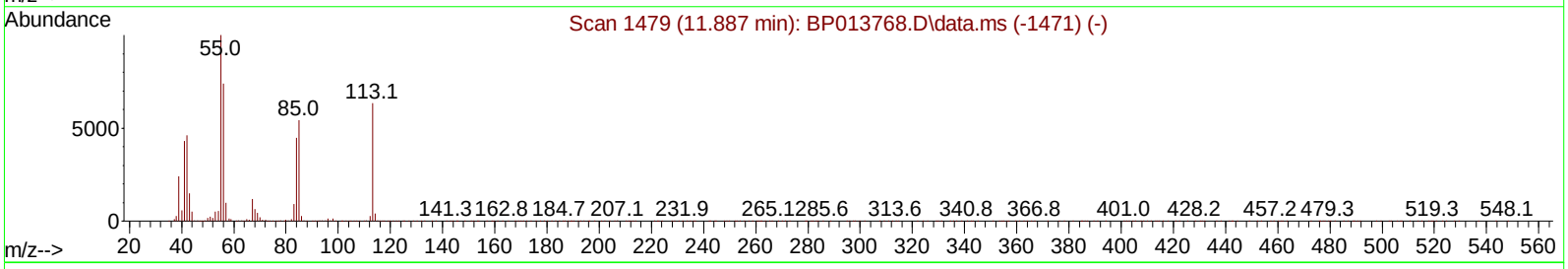

TIC: BP013773.D\data.ms

(34) Caprolactam

11.893min (-0.000) 3.94 ng/ul

response 21964

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	155.52
56.00	115.20	113.25
0.00	0.00	0.00

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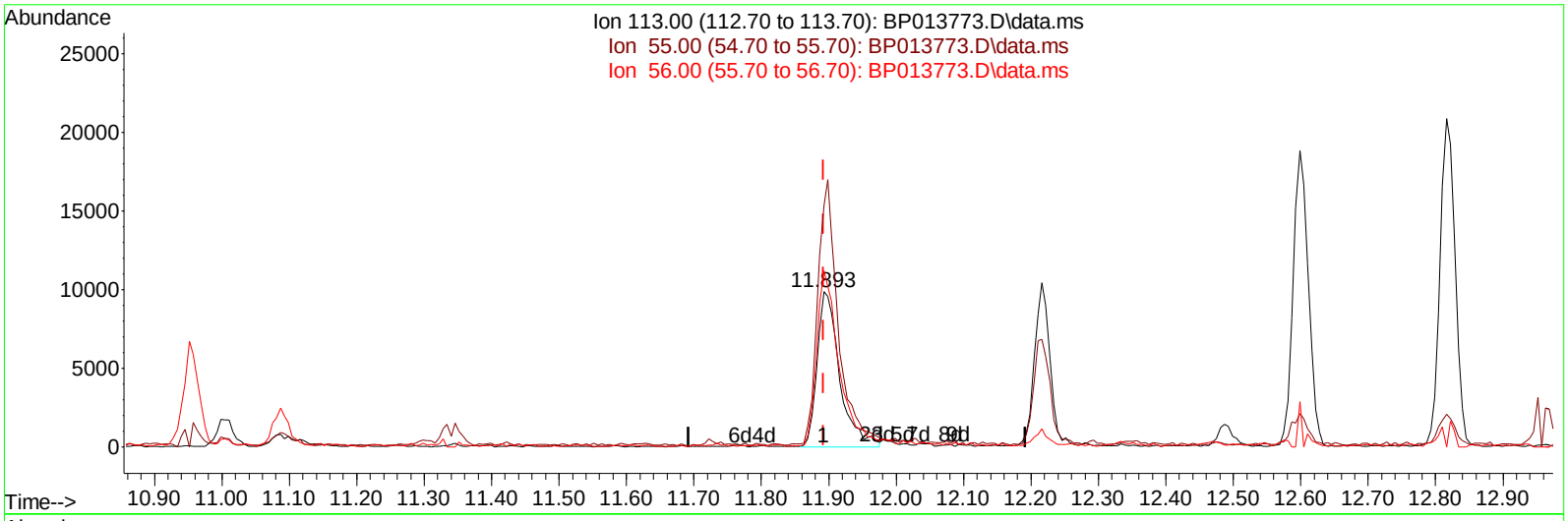

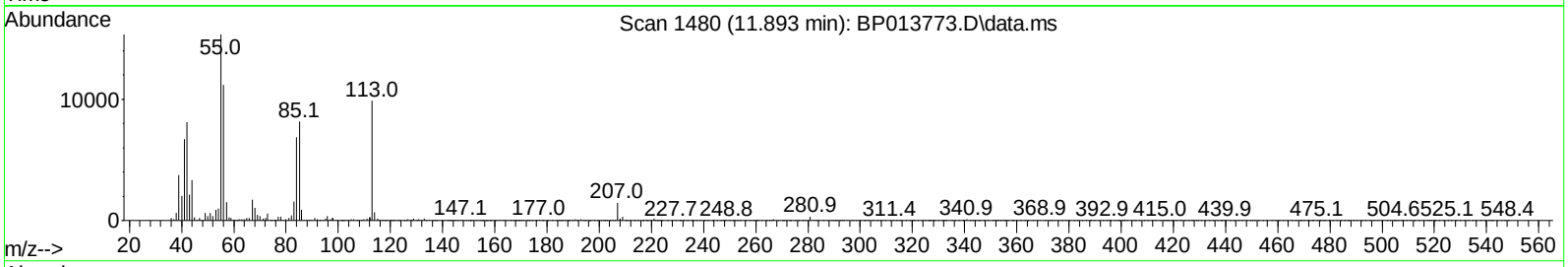

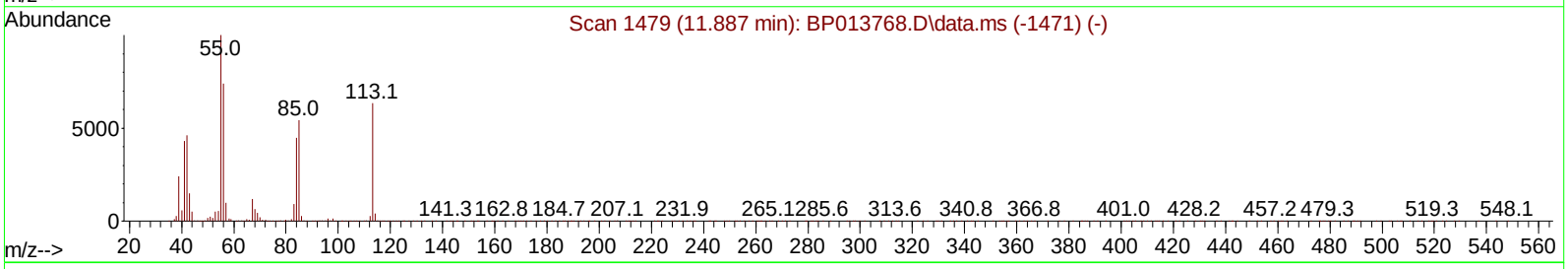

TIC: BP013773.D\data.ms

(34) Caprolactam

11.893min (-0.000) 4.08 ng/ul m

response 22742

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	155.52
56.00	115.20	113.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	230012	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	980285	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	700979	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1736155	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1957527	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2212643	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	24971	4.603	ng/uL	0.00
4) Pyridine-d5	3.911	84	163644	10.513	ng/ul	0.00
7) Phenol-d5	7.275	99	143915	7.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	391091	32.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	383351	25.869	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	266107	16.512	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	235691	37.689	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	270745	37.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	554492	32.536	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	410780	18.250	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	2140586	38.740	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2266049	37.118	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	77355	8.306	ng/ul	0.00
60) Fluorene-d10	15.751	176	1893933	39.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	408023	41.938	ng/ul	0.00
73) Anthracene-d10	17.616	188	3246021	40.110	ng/ul	0.00
81) Pyrene-d10	19.833	212	4242256	38.856	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	4670513	41.349	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	27819	4.921	ng/uL	97
5) Pyridine	3.928	79	181328	11.569	ng/ul	97
6) Benzaldehyde	7.258	77	395882m	48.841	ng/ul	
8) Phenol	7.299	94	164282	7.941	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	557730	33.548	ng/ul	98
12) 2-Chlorophenol	7.687	128	408891	27.235	ng/ul	97
13) 2-Methylphenol	8.569	108	322383	20.409	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	651759	33.113	ng/ul	99
16) Acetophenone	8.957	105	874498	34.808	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.940	70	427993	34.008	ng/ul	99
18) 4-Methylphenol	8.899	108	305165	17.789	ng/ul	99
19) Hexachloroethane	9.222	117	199637	33.972	ng/ul	95
22) Nitrobenzene	9.346	77	635296	37.613	ng/ul	97
23) Isophorone	9.875	82	1304160	33.726	ng/ul	99
25) 2-Nitrophenol	10.057	139	300639	37.283	ng/ul	97
26) 2,4-Dimethylphenol	10.110	107	494918	27.165	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.352	93	798353	34.067	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	553898	33.583	ng/ul	99
30) Naphthalene	11.004	128	1798210	34.708	ng/ul	99
32) 4-Chloroaniline	11.110	127	623146	27.508	ng/ul	99
33) Hexachlorobutadiene	11.287	225	423904	36.442	ng/ul	98
34) Caprolactam	11.893	113	22742m	4.078	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	563526	31.900	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.598	142	1304252	35.365	ng/ul	98
37) 1-Methylnaphthalene	12.816	142	1344499	36.097	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	889615	38.420	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	381129	29.275	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	595895	38.848	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	657130	39.310	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1911303	36.012	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1526357	36.351	ng/ul	100
45) 2-Nitroaniline	13.845	65	399695	50.007	ng/ul	98
47) Dimethylphthalate	14.210	163	2159694	39.674	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	414031	53.369	ng/ul	97
50) Acenaphthylene	14.487	152	2432669	37.789	ng/ul	100
51) 3-Nitroaniline	14.663	138	378799	46.195	ng/ul	99
52) Acenaphthene	14.828	153	1702279	38.479	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	236743	39.290	ng/ul	99
55) 4-Nitrophenol	14.957	109	59731	8.413	ng/ul	94
56) Dibenzofuran	15.163	168	2540849	39.540	ng/ul	97
57) 2,4-Dinitrotoluene	15.116	165	590307	48.446	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.381	232	641729	40.846	ng/ul#	97
59) Diethylphthalate	15.575	149	2092096	40.032	ng/ul	98
61) Fluorene	15.810	166	2128809	40.708	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	1188767	41.725	ng/ul	96
63) 4-Nitroaniline	15.828	138	432632	56.347	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.881	198	411468	42.495	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	1876387	40.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	810269	41.021	ng/ul	99
69) Hexachlorobenzene	16.816	284	960756	41.459	ng/ul	98
70) Atrazine	16.963	200	649299	34.427	ng/ul	100
71) Pentachlorophenol	17.157	266	583017	39.416	ng/ul	98
72) Phenanthrene	17.563	178	3753848	40.932	ng/ul	99
74) Anthracene	17.651	178	3777413	40.667	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	904526	36.570	ng/uL	98
76) Pentachlorobenzene	15.081	250	956762	37.731	ng/uL	99
77) Carbazole	17.916	167	3406991	42.280	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3788620	39.791	ng/ul	100
80) Fluoranthene	19.510	202	4972205	39.072	ng/ul	100
82) Pyrene	19.863	202	5123873	39.382	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1610363	43.081	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	1636155	36.800	ng/ul	98
85) Benzo(a)anthracene	21.580	228	5606343	41.659	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2600068	40.570	ng/ul	99
87) Chrysene	21.633	228	5268597	41.583	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4599004	39.458	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	5968641	41.323	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	5999924	43.463	ng/ul	99
93) Benzo(a)pyrene	24.051	252	5237605	42.002	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	6321942	40.920	ng/ul	100
95) Dibenzo(a,h)anthracene	26.898	278	5270004	41.146	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	4936803	40.391	ng/ul	99

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

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