Quantitation Report (Qedit)

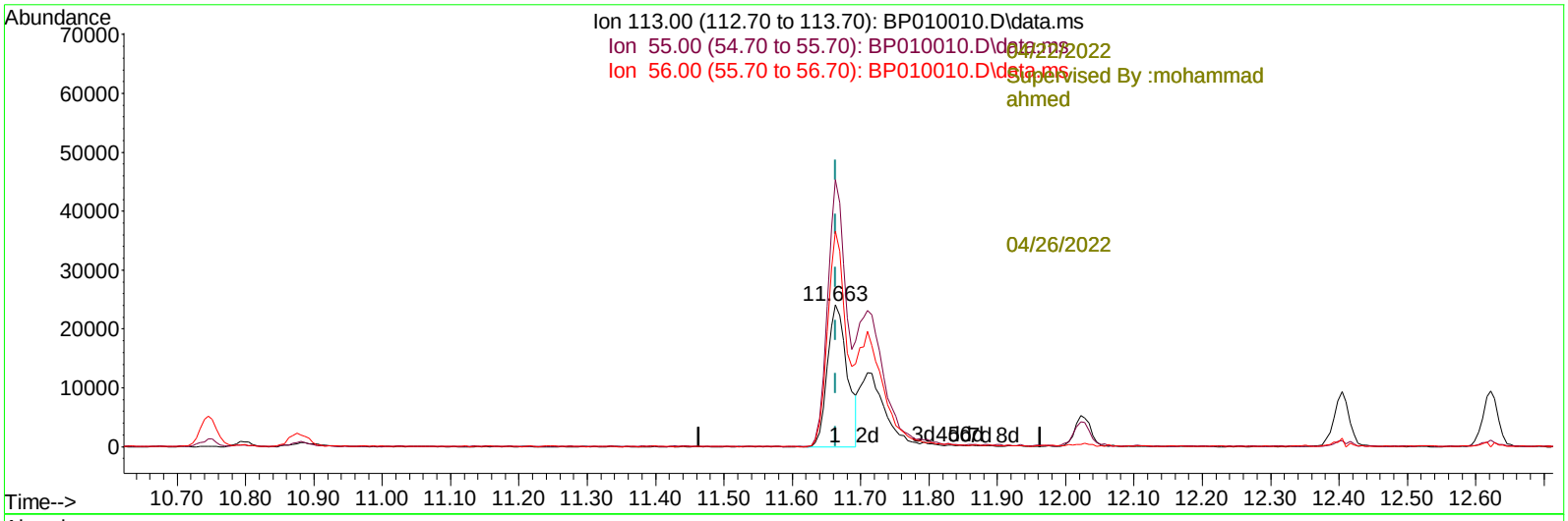
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010010.D
Acq On : 21 Apr 2022 12:12
Operator : CG/JU
Sample : SSTD02025
Misc :
ALS Vial : 5 Sample Multiplier: 1

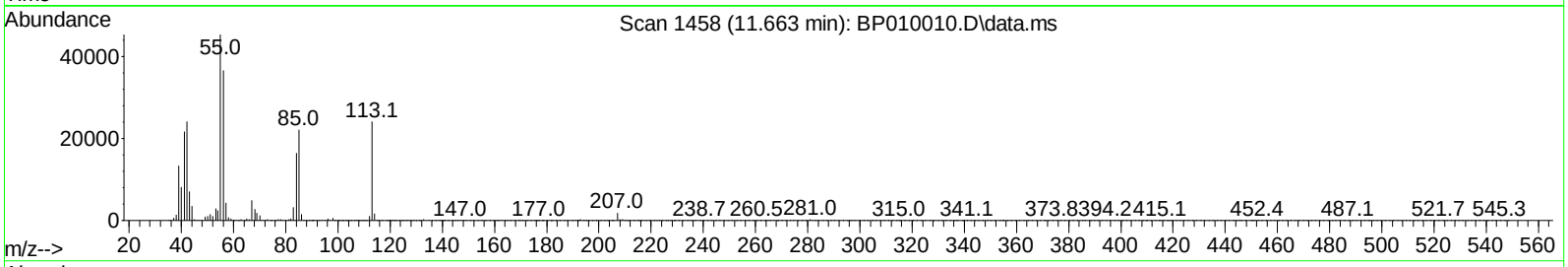
Quant Time: Apr 21 14:01:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 13:57:49 2022
Response via : Initial Calibration

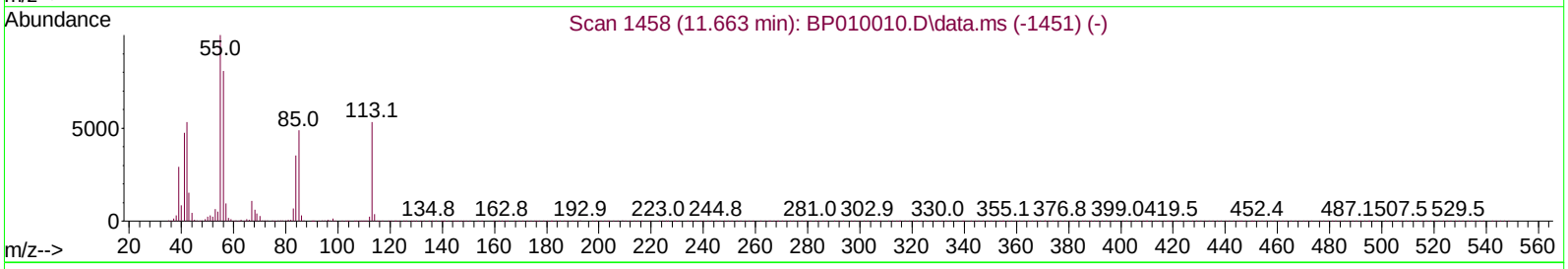
Instrument :
BNA_P
ClientSampleId :
SSTD020625

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BP010010.D\data.ms

(34) Caprolactam

11.663min (0.000) 13.71 ng/ul

response 48665

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	188.43#
56.00	85.80	151.95#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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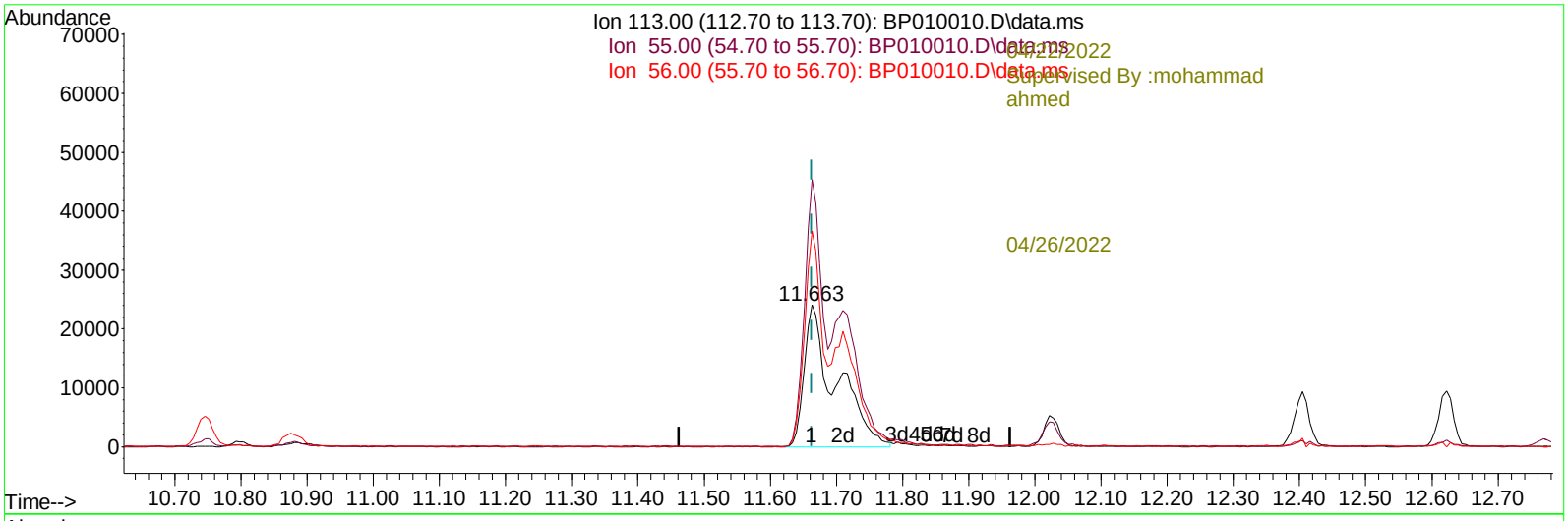

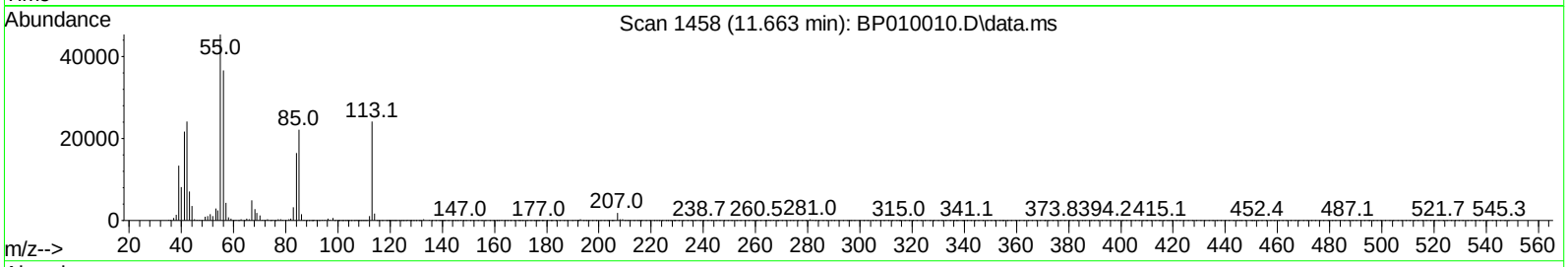

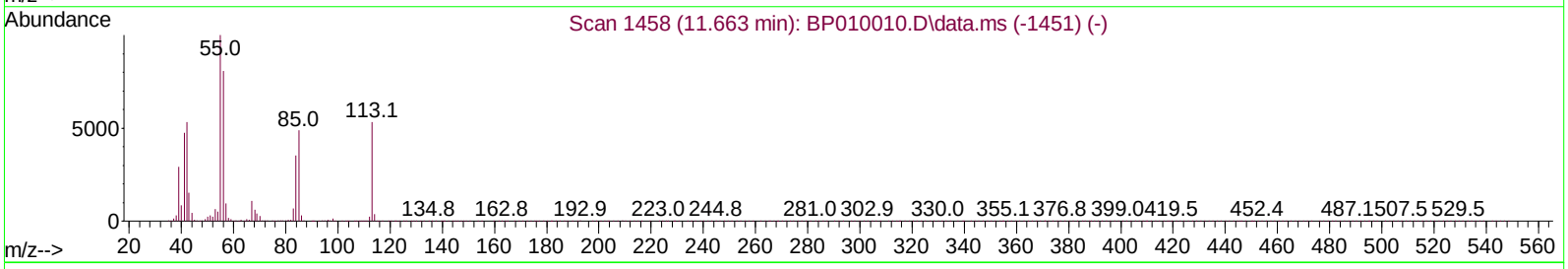

TIC: BP010010.D\data.ms

(34) Caprolactam

11.663min (0.000) 22.62 ng/ul m

response 80290

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	188.43#
56.00	85.80	151.95#
0.00	0.00	0.00

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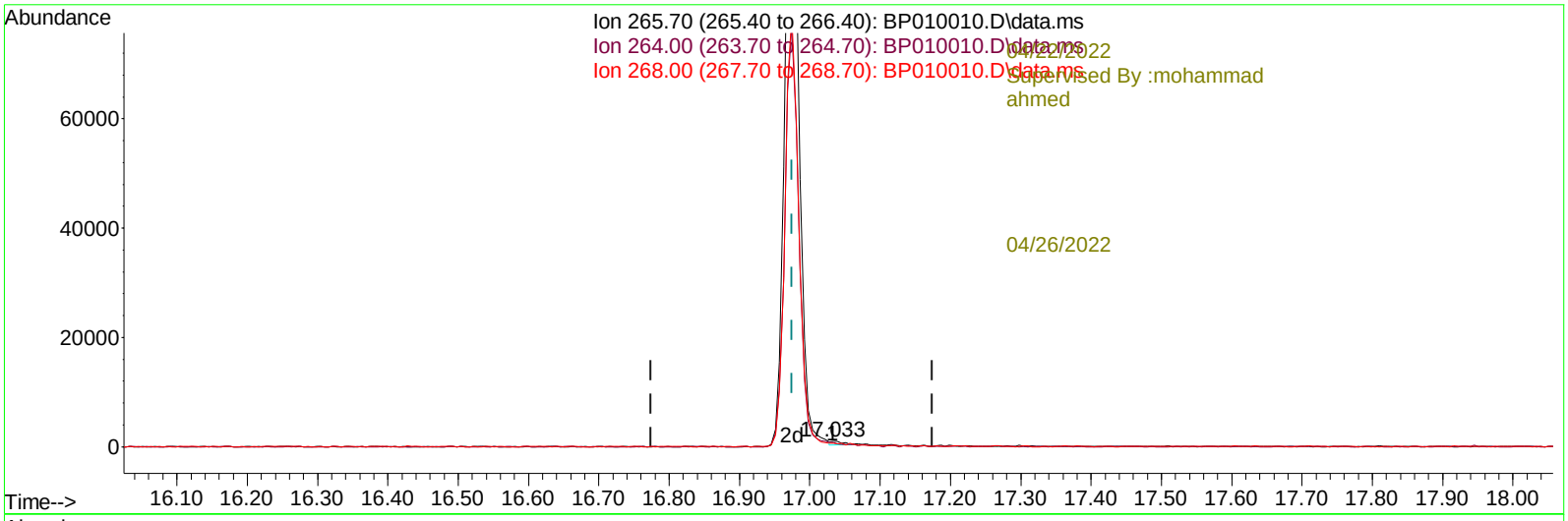

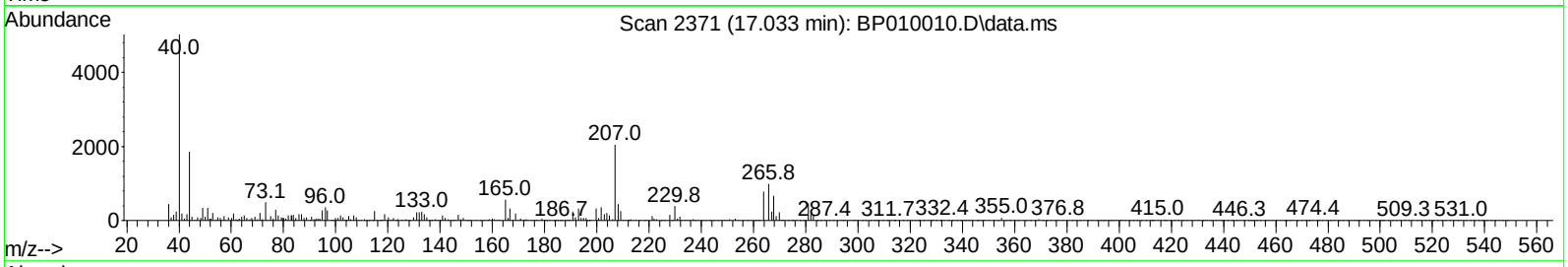

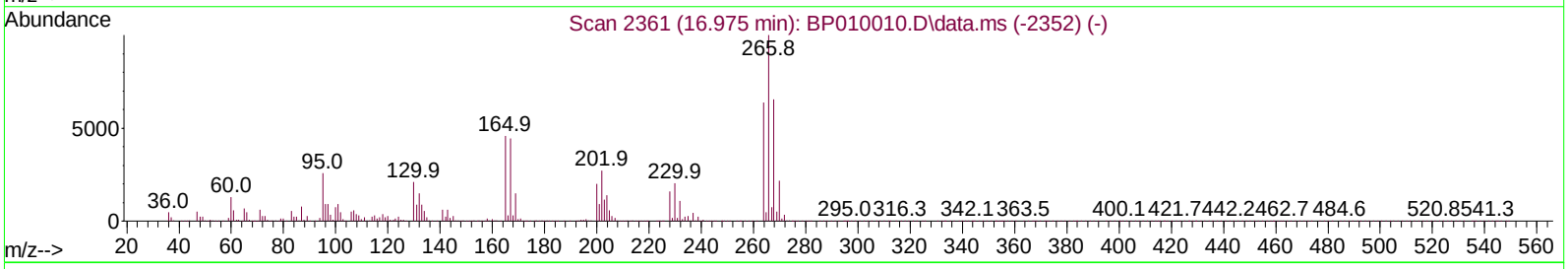

TIC: BP010010.D\data.ms

(71) Pentachlorophenol (C)

17.033min (+ 0.059) 0.07 ng/ul

response 627

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	79.76
268.00	82.10	80.06
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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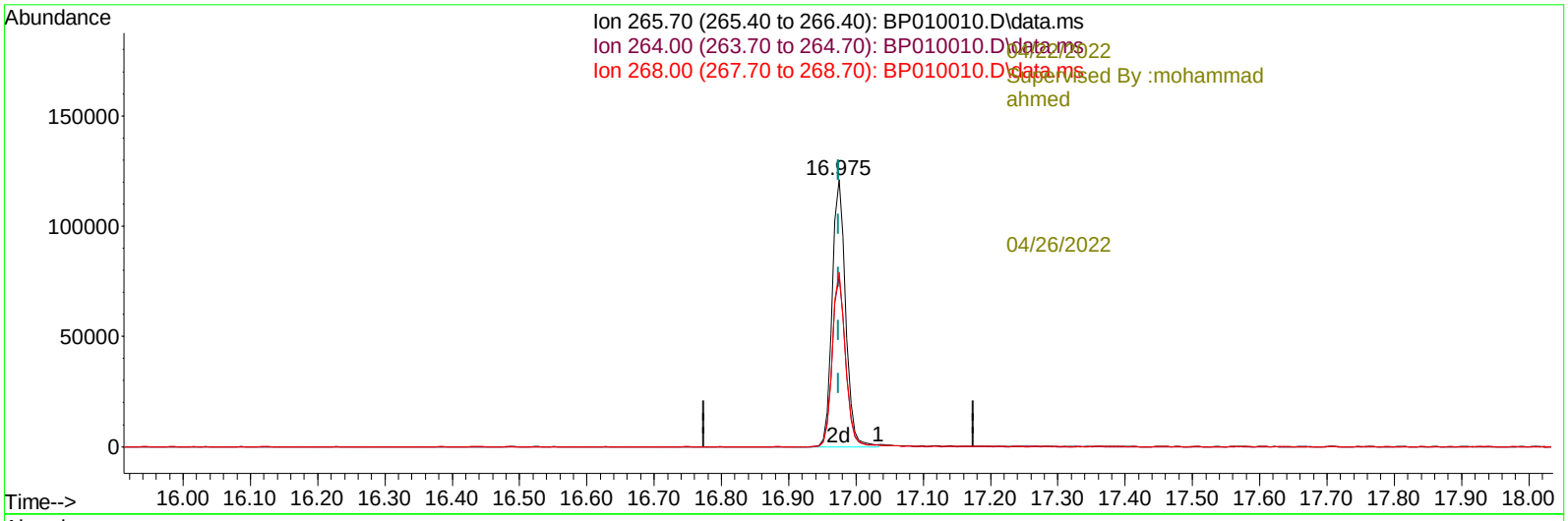

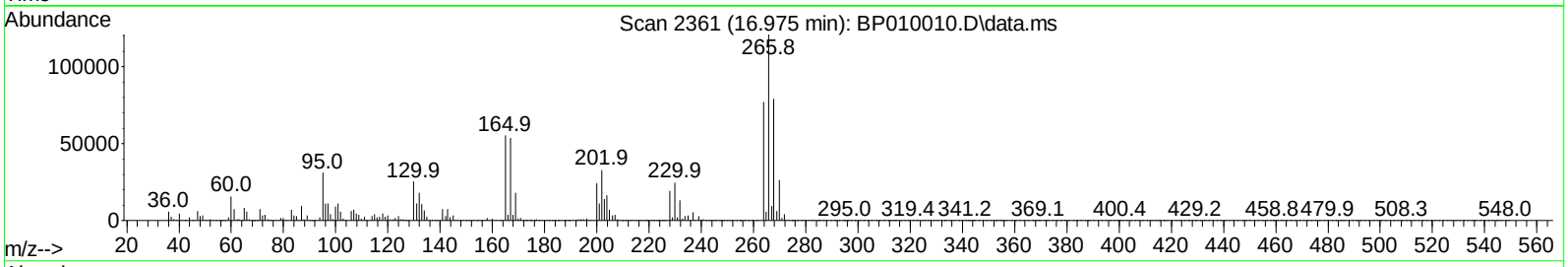

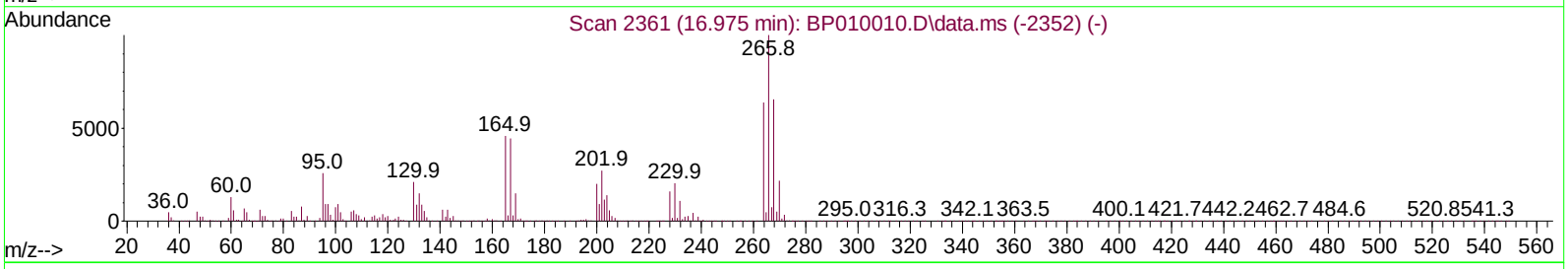

TIC: BP010010.D\data.ms

(71) Pentachlorophenol (C)

16.975min (0.000) 18.44 ng/ul m

response 167359

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	63.70
268.00	82.10	65.33#
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	7.940	152	145280	20.000	ng/ul		0.00
20) Naphthalene-d8	10.746	136	669291	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.575	164	487311	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.322	188	1077116	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.410	240	1074021	20.000	ng/ul	#	0.00
88) Perylene-d12	23.857	264	948870	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.369	96	27824	8.547	ng/uL		0.00
4) Pyridine-d5	3.787	84	192193	21.414	ng/ul		0.00
7) Phenol-d5	7.099	99	269172	21.104	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	170053	22.395	ng/ul		0.00
11) 2-Chlorophenol-d4	7.469	132	208891	21.712	ng/ul		0.00
15) 4-Methylphenol-d8	8.652	113	230434	21.642	ng/ul		0.00
21) Nitrobenzene-d5	9.099	128	112553	23.320	ng/ul		0.00
24) 2-Nitrophenol-d4	9.822	143	127310	24.059	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.363	165	241254	21.788	ng/ul		0.00
31) 4-Chloroaniline-d4	10.881	131	356657	22.615	ng/ul		0.00
46) Dimethylphthalate-d6	13.981	166	801701	20.944	ng/ul		0.00
49) Acenaphthylene-d8	14.263	160	972820	21.451	ng/ul		0.00
54) 4-Nitrophenol-d4	14.763	143	142942	20.591	ng/ul		0.00
60) Fluorene-d10	15.563	176	681436	21.162	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	134241	21.038	ng/ul		0.00
73) Anthracene-d10	17.422	188	1101300	21.355	ng/ul		0.00
81) Pyrene-d10	19.657	212	1326949	22.622	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.698	264	1058323	21.418	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	29490	8.887	ng/uL	#	24
5) Pyridine	3.805	79	202406	21.614	ng/ul	#	39
6) Benzaldehyde	7.075	77	152059	19.439	ng/ul		94
8) Phenol	7.128	94	273447	21.418	ng/ul	#	94
10) Bis(2-Chloroethyl)ether	7.357	93	217758	21.896	ng/ul	#	75
12) 2-Chlorophenol	7.505	128	210006	21.651	ng/ul		93
13) 2-Methylphenol	8.381	108	212240	21.319	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	331023	22.518	ng/ul	#	85
16) Acetophenone	8.763	105	368884	21.989	ng/ul	#	79
17) N-Nitroso-di-n-propyla...	8.752	70	196349	22.576	ng/ul	#	72
18) 4-Methylphenol	8.710	108	234500	21.751	ng/ul		90
19) Hexachloroethane	9.028	117	90050	21.989	ng/ul	#	82
22) Nitrobenzene	9.140	77	277487	22.399	ng/ul	#	83
23) Isophorone	9.669	82	559673	21.924	ng/ul	#	97
25) 2-Nitrophenol	9.857	139	132536	23.484	ng/ul	#	86
26) 2,4-Dimethylphenol	9.916	107	284335	21.230	ng/ul	#	78
27) Bis(2-Chloroethoxy)met...	10.151	93	319880	21.343	ng/ul	#	97
29) 2,4-Dichlorophenol	10.393	162	231708	21.585	ng/ul	#	84
30) Naphthalene	10.798	128	738125	21.444	ng/ul		97
32) 4-Chloroaniline	10.904	127	355411	22.773	ng/ul		98
33) Hexachlorobutadiene	11.093	225	161743	20.920	ng/ul		94
34) Caprolactam	11.663	113	80290m	22.616	ng/ul		
35) 4-Chloro-3-methylphenol	12.022	107	282963	21.754	ng/ul	#	67

04/22/2022
Supervised By :mohammad ahmed
04/26/2022

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	540554	21.495	ng/ul	93
37) 1-Methylnaphthalene	12.622	142	550416	21.677	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.775	216	312595	20.966	ng/ul#	92
40) Hexachlorocyclopentadiene	12.757	237	166368	16.080	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	209679	22.022	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.081	196	227619	22.121	ng/ul#	87
43) 1,1'-Biphenyl	13.410	154	751986	21.149	ng/ul#	92
44) 2-Chloronaphthalene	13.451	162	585421	21.420	ng/ul	94
45) 2-Nitroaniline	13.645	65	191916	23.961	ng/ul#	81
47) Dimethylphthalate	14.028	163	775394	21.046	ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	163869	24.181	ng/ul	93
50) Acenaphthylene	14.292	152	963254	21.523	ng/ul	96
51) 3-Nitroaniline	14.469	138	108409	15.388	ng/ul#	80
52) Acenaphthene	14.639	153	623481	21.277	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	76019	18.558	ng/ul#	82
55) 4-Nitrophenol	14.775	109	122967	19.242	ng/ul#	49
56) Dibenzofuran	14.969	168	915894	21.237	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	239027	24.021	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.198	232	199193	21.232	ng/ul#	87
59) Diethylphthalate	15.392	149	795206	20.856	ng/ul	93
61) Fluorene	15.622	166	760305	21.404	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.616	204	398730	21.110	ng/ul	98
63) 4-Nitroaniline	15.634	138	107204	15.192	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.698	198	130993	20.653	ng/ul#	94
67) N-Nitrosodiphenylamine	15.828	169	662791	21.496	ng/ul	94
68) 4-Bromophenyl-phenylether	16.510	248	242217	20.774	ng/ul	95
69) Hexachlorobenzene	16.633	284	282009	21.035	ng/ul#	90
70) Atrazine	16.781	200	264375	20.773	ng/ul	91
71) Pentachlorophenol	16.975	266	167359m	18.442	ng/ul	
72) Phenanthrene	17.369	178	1235844	21.495	ng/ul	98
74) Anthracene	17.457	178	1253675	21.507	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	333598	21.422	ng/uL#	87
76) Pentachlorobenzene	14.898	250	323934	21.341	ng/uL	91
77) Carbazole	17.722	167	1096456	20.814	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	1382996	21.350	ng/ul#	93
80) Fluoranthene	19.327	202	1494449	22.134	ng/ul	97
82) Pyrene	19.680	202	1545940	22.584	ng/ul#	94
83) Butylbenzylphthalate	20.551	149	658440	23.447	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.321	252	367488	16.057	ng/ul#	98
85) Benzo(a)anthracene	21.392	228	1447385	21.258	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	958038	22.681	ng/ul#	82
87) Chrysene	21.445	228	1410783	21.476	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1604791	24.139	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1332963	21.144	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1308277	22.742	ng/ul#	97
93) Benzo(a)pyrene	23.751	252	1248333	21.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1219550	19.957	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.439	278	1063534	20.071	ng/ul#	95
96) Benzo(g,h,i)perylene	27.209	276	1038122	20.603	ng/ul#	91

04/22/2022
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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