Quantitation Report (Qedit)

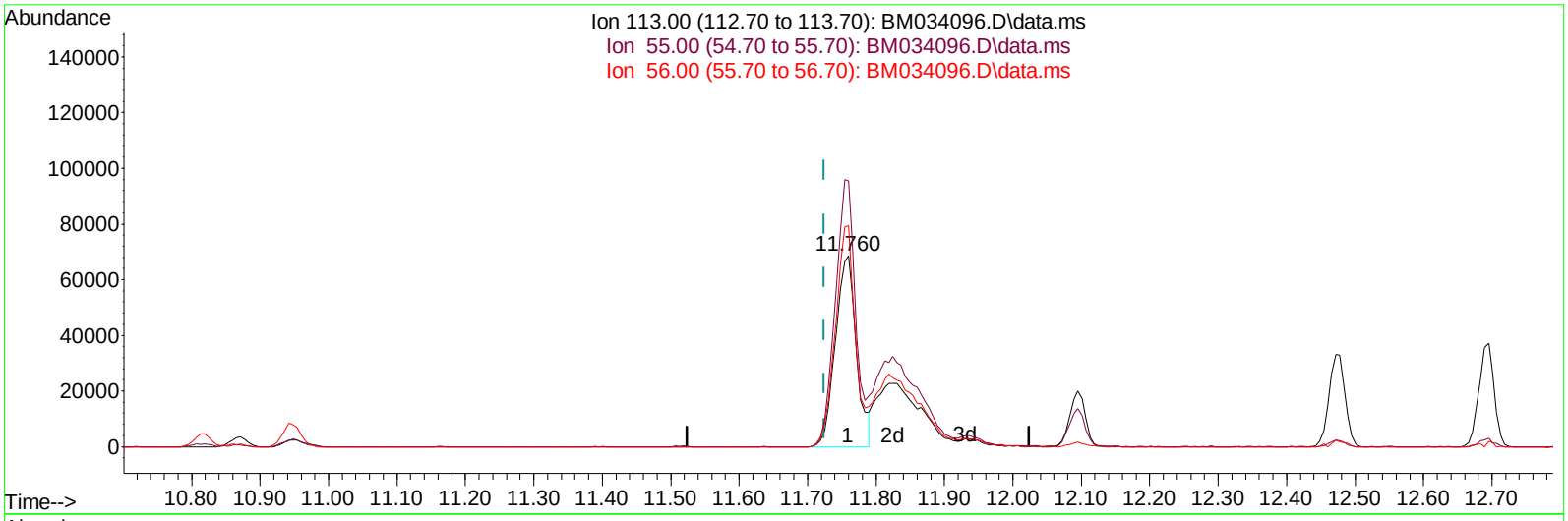
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022822\
Data File : BM034096.D
Acq On : 28 Feb 2022 13:59
Operator : CG/JU
Sample : SSTD08036
Misc :
ALS Vial : 6 Sample Multiplier: 1

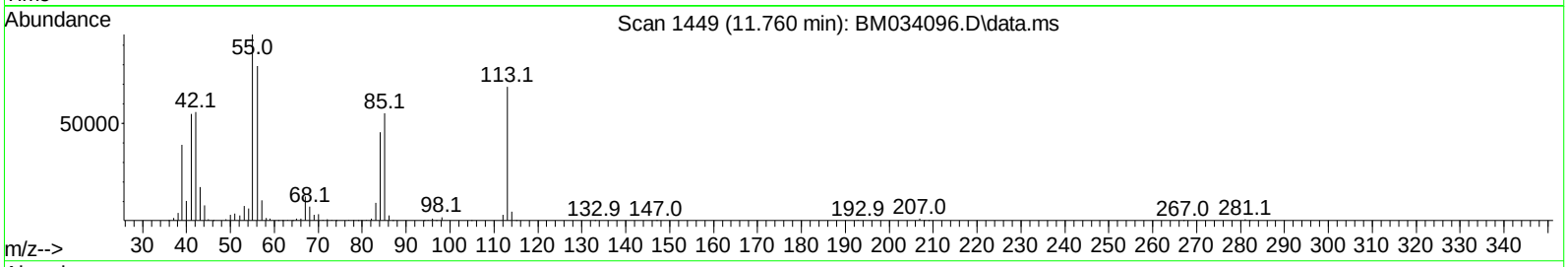
Quant Time: Feb 28 14:46:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 13:57:40 2022
Response via : Initial Calibration

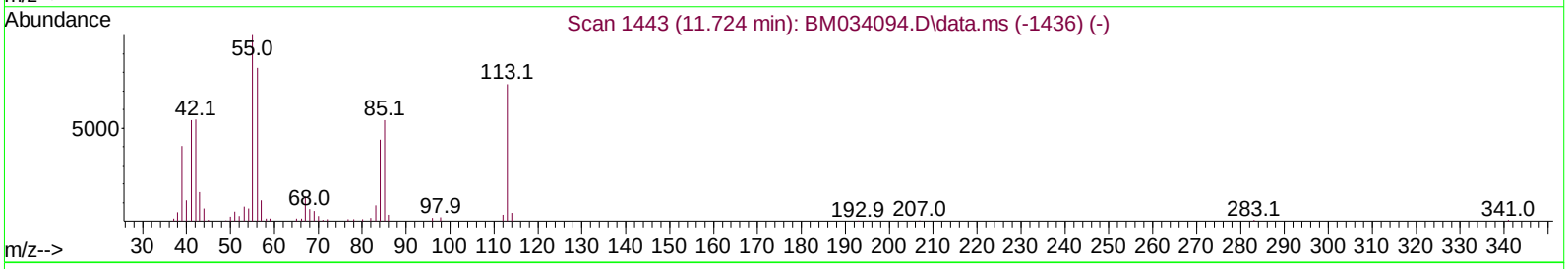
Instrument :
BNA_M
ClientSampleId :
SSTD080036

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/01/2022
Supervised By :mohammad ahmed 03/02/2022







TIC: BM034096.D\data.ms

(34) Caprolactam

11.760min (+ 0.035) 45.30 ng/ul

response 145685

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	138.94#
56.00	164.70	115.54#
0.00	0.00	0.00

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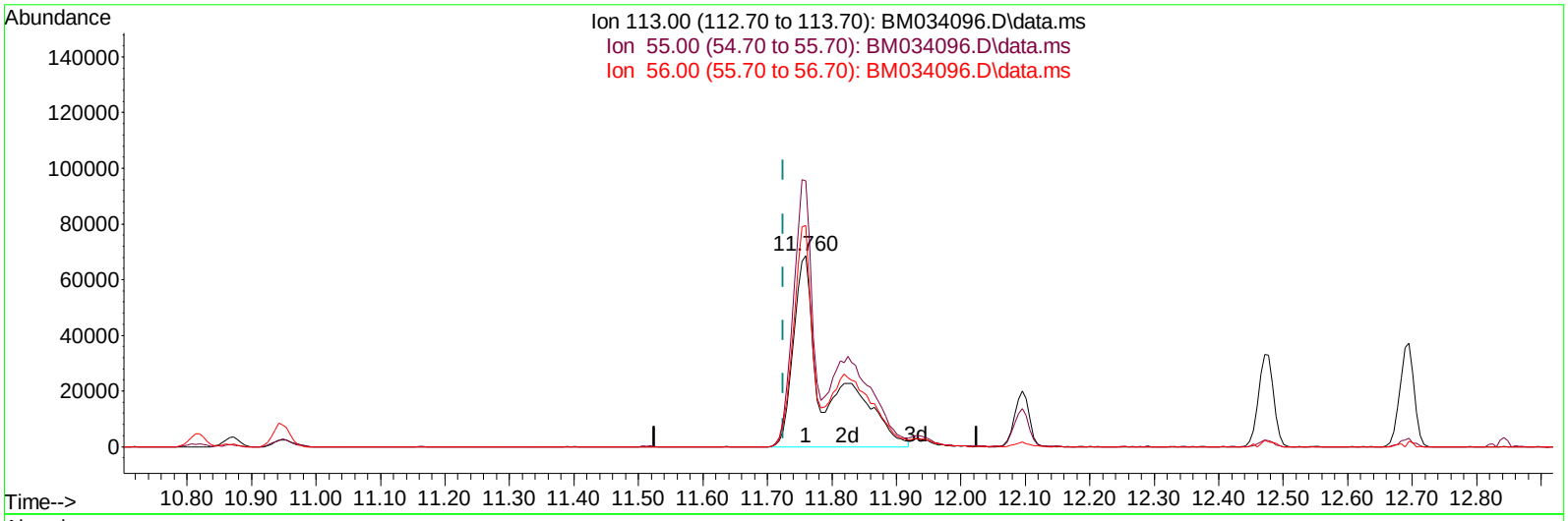

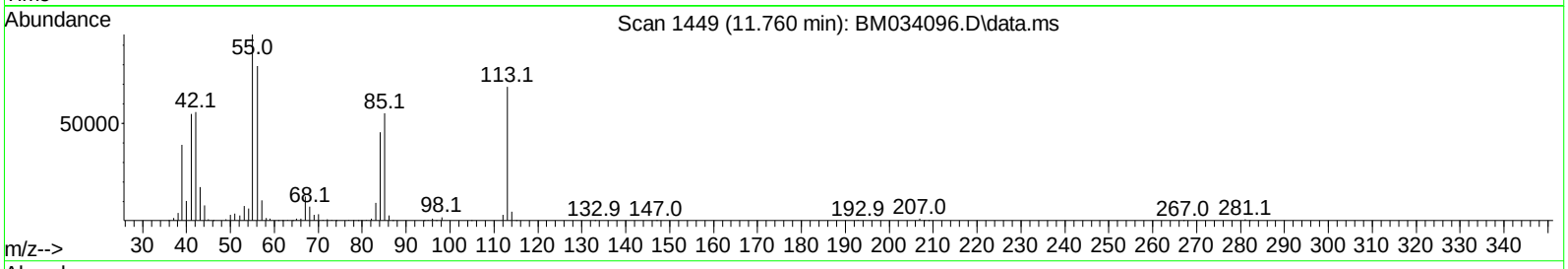

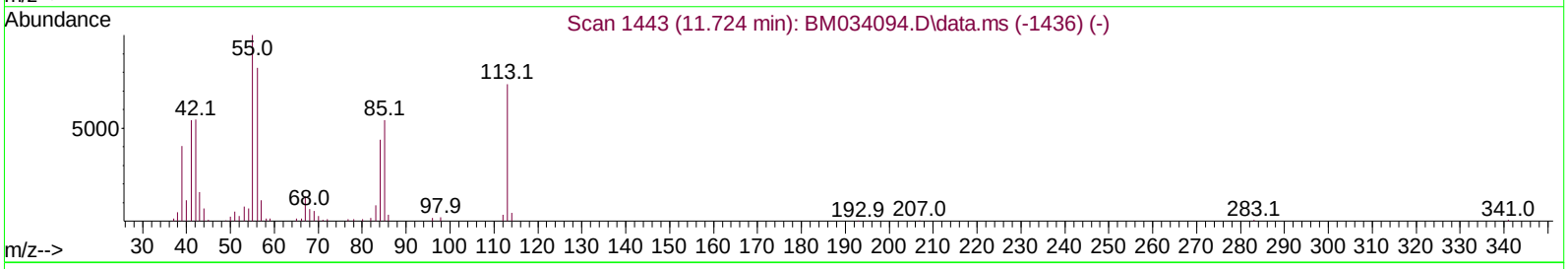

TIC: BM034096.D\data.ms

(34) Caprolactam

11.760min (+ 0.035) 77.39 ng/ul m

response 248913

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	138.94#
56.00	164.70	115.54#
0.00	0.00	0.00

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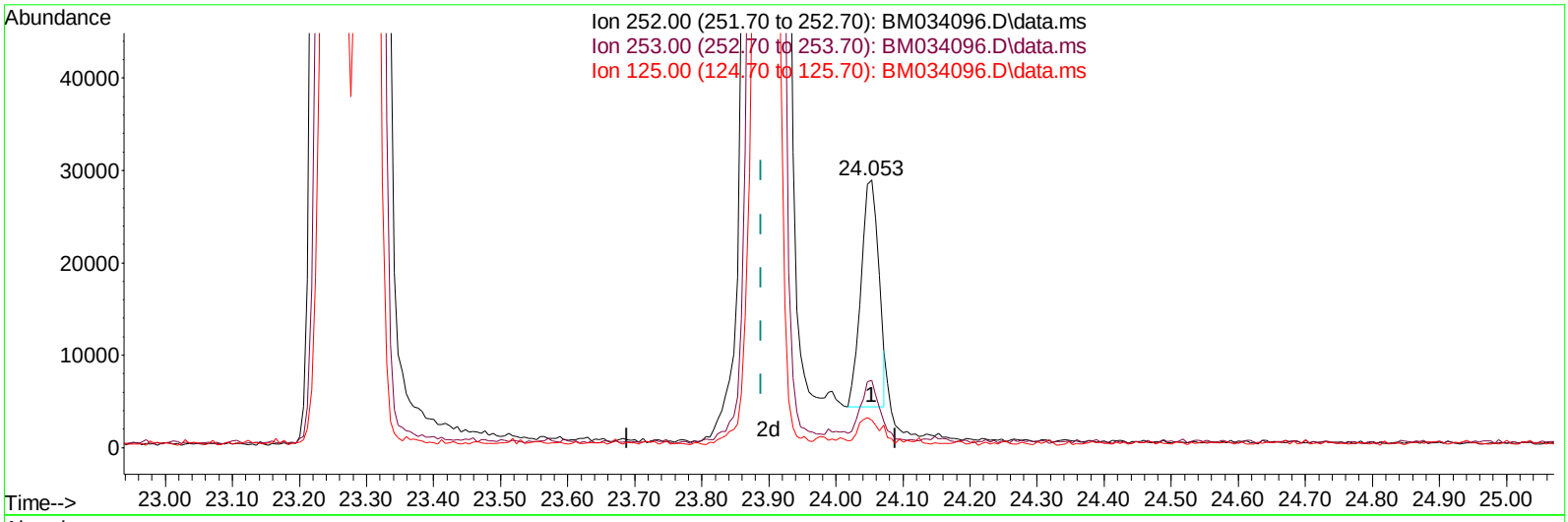

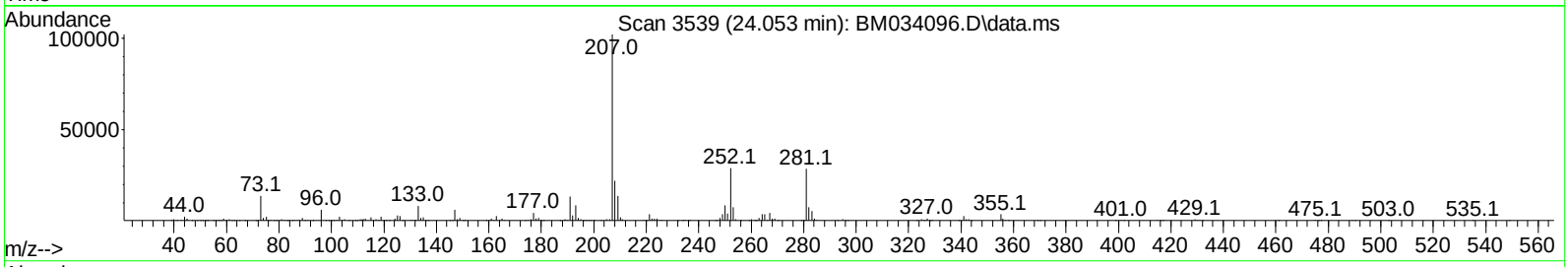

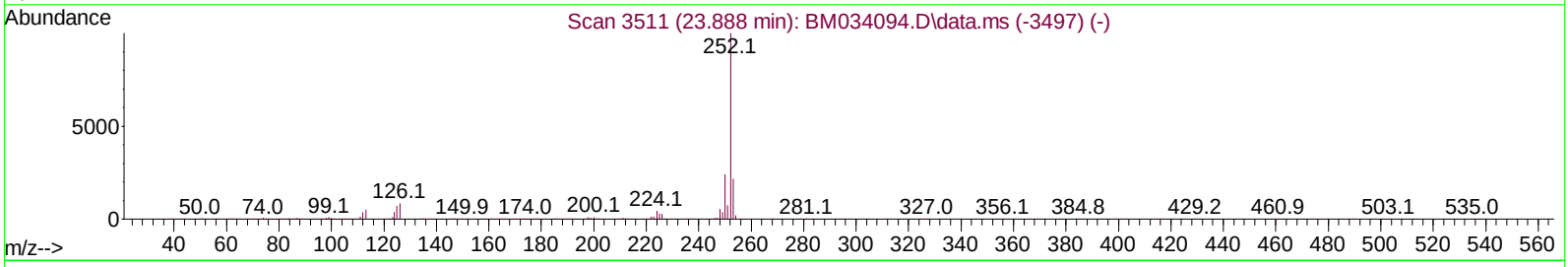

TIC: BM034096.D\data.ms

(93) Benzo(a)pyrene (C)

24.053min (+ 0.165) 0.75 ng/ul

response 44672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	25.24
125.00	9.70	10.34
0.00	0.00	0.00

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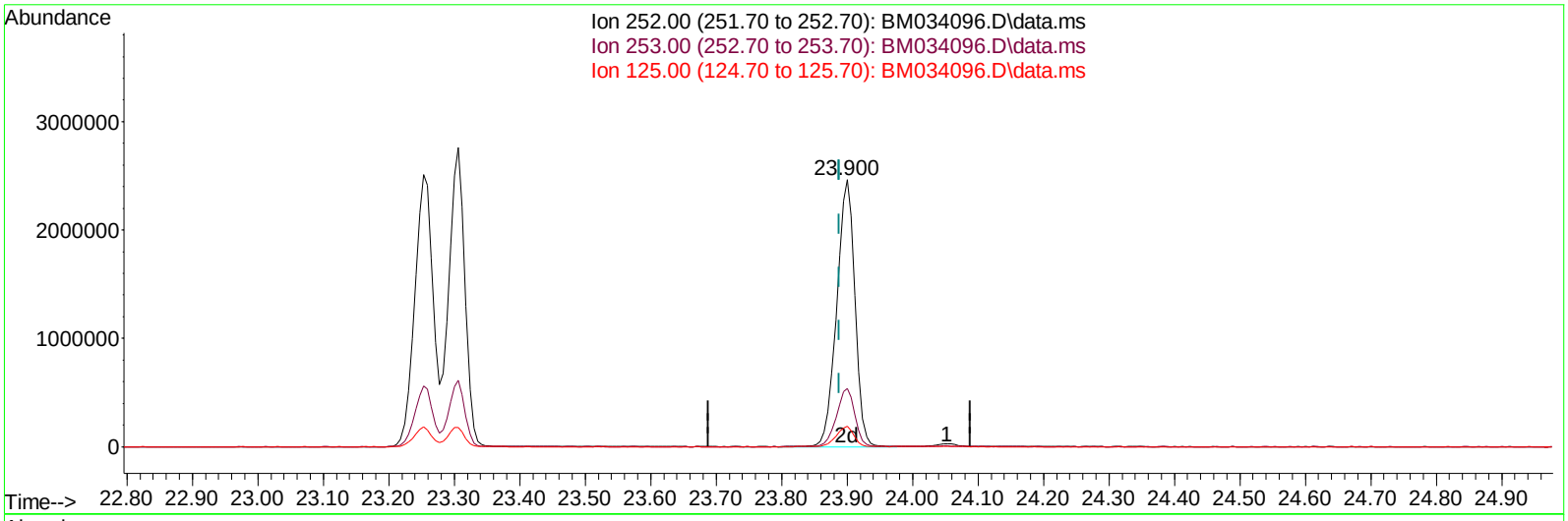

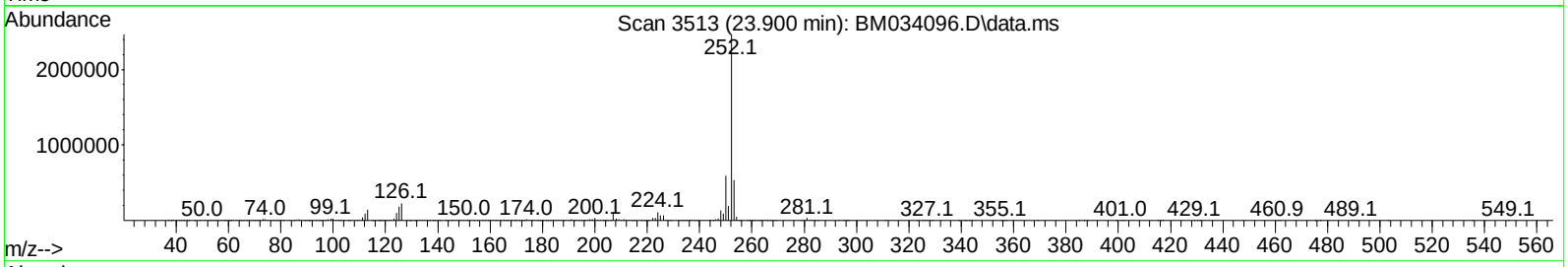

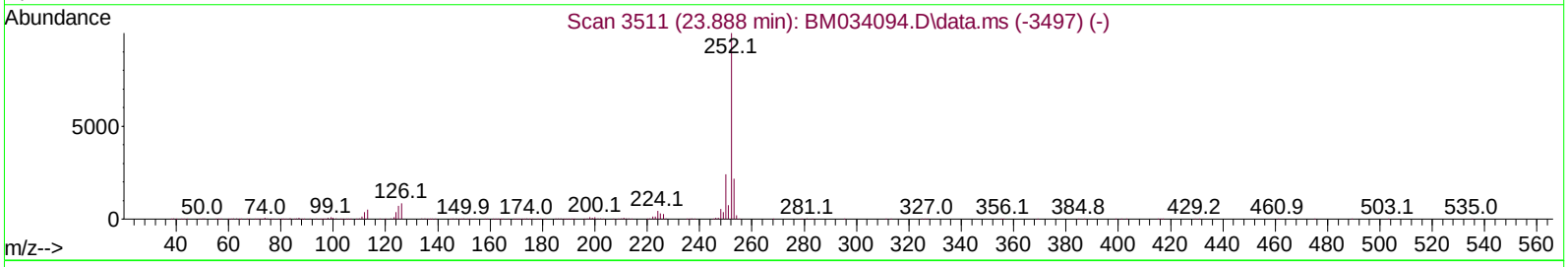

TIC: BM034096.D\data.ms

(93) Benzo(a)pyrene (C)

23.900min (+ 0.012) 80.48 ng/ul m

response 4787067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.81
125.00	9.70	7.63#
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	8.001	152	187195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.819	136	721351	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.636	164	471828	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	935154	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.547	240	921419	20.000	ng/ul	# 0.00
88) Perylene-d12	24.000	264	926011	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	130161	27.423	ng/uL	0.00
4) Pyridine-d5	3.796	84	881711	66.553	ng/ul	0.00
7) Phenol-d5	7.154	99	1107666	70.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.325	67	599377	62.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.531	132	986996	78.554	ng/ul	0.00
15) 4-Methylphenol-d8	8.713	113	921636	74.164	ng/ul	0.01
21) Nitrobenzene-d5	9.166	128	474026	81.897	ng/ul	0.00
24) 2-Nitrophenol-d4	9.895	143	557625	89.213	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.436	165	1076494	95.172	ng/ul	0.01
31) 4-Chloroaniline-d4	10.948	131	1262060	80.799	ng/ul	0.00
46) Dimethylphthalate-d6	14.048	166	2869449	81.384	ng/ul	0.00
49) Acenaphthylene-d8	14.336	160	3690342	85.441	ng/ul	0.00
54) 4-Nitrophenol-d4	14.824	143	488841	81.152	ng/ul	0.02
60) Fluorene-d10	15.630	176	2481581	84.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.742	200	528304	89.988	ng/ul	0.01
73) Anthracene-d10	17.477	188	3770589	84.194	ng/ul	0.00
81) Pyrene-d10	19.765	212	4174604	76.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.847	264	4070065	83.681	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	124602	24.057	ng/uL#	82
5) Pyridine	3.813	79	899658	65.790	ng/ul#	77
6) Benzaldehyde	7.131	77	634918	67.053	ng/ul#	76
8) Phenol	7.184	94	1075694	66.886	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.419	93	834510	65.695	ng/ul#	85
12) 2-Chlorophenol	7.560	128	981010	74.522	ng/ul#	81
13) 2-Methylphenol	8.442	108	840734	69.214	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.537	45	907677	53.080	ng/ul#	91
16) Acetophenone	8.831	105	1391472	70.533	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.831	70	657208	65.618	ng/ul#	87
18) 4-Methylphenol	8.784	108	897215	69.235	ng/ul	99
19) Hexachloroethane	9.095	117	405595	71.012	ng/ul#	62
22) Nitrobenzene	9.207	77	986532	68.846	ng/ul#	86
23) Isophorone	9.748	82	1788235	69.535	ng/ul#	89
25) 2-Nitrophenol	9.925	139	566847	84.525	ng/ul#	74
26) 2,4-Dimethylphenol	9.983	107	1073844	73.406	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.225	93	1076017	67.302	ng/ul#	97
29) 2,4-Dichlorophenol	10.460	162	1022921	90.515	ng/ul	93
30) Naphthalene	10.872	128	2978092	74.636	ng/ul	99
32) 4-Chloroaniline	10.972	127	1249470	78.783	ng/ul	99
33) Hexachlorobutadiene	11.166	225	758144	90.658	ng/ul	98
34) Caprolactam	11.760	113	248913m	77.391	ng/ul	
35) 4-Chloro-3-methylphenol	12.095	107	928248	71.678	ng/ul#	72

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/01/2022
Supervised By :mohammad ahmed 03/02/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.472	142	2158656	82.116	ng/ul	99
37) 1-Methylnaphthalene	12.695	142	2163614	80.288	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.842	216	1351897	90.089	ng/ul#	96
40) Hexachlorocyclopentadiene	12.830	237	982829	88.781	ng/ul	98
41) 2,4,6-Trichlorophenol	13.077	196	846858	90.626	ng/ul	98
42) 2,4,5-Trichlorophenol	13.148	196	909361	91.737	ng/ul	94
43) 1,1'-Biphenyl	13.477	154	2934868	77.595	ng/ul#	97
44) 2-Chloronaphthalene	13.519	162	2292959	80.407	ng/ul	96
45) 2-Nitroaniline	13.713	65	550328	65.578	ng/ul#	66
47) Dimethylphthalate	14.095	163	2753054	77.743	ng/ul	100
48) 2,6-Dinitrotoluene	14.213	165	589309	87.190	ng/ul#	81
50) Acenaphthylene	14.366	152	3574225	77.615	ng/ul	99
51) 3-Nitroaniline	14.536	138	548057	82.135	ng/ul#	74
52) Acenaphthene	14.701	153	2345299	77.791	ng/ul	97
53) 2,4-Dinitrophenol	14.736	184	388243	94.131	ng/ul#	70
55) 4-Nitrophenol	14.842	109	439870	75.642	ng/ul#	74
56) Dibenzofuran	15.036	168	3367074	79.360	ng/ul	94
57) 2,4-Dinitrotoluene	14.995	165	824230	85.467	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.260	232	764205	93.703	ng/ul#	88
59) Diethylphthalate	15.460	149	2713036	75.219	ng/ul	97
61) Fluorene	15.683	166	2780249	81.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.677	204	1473290	84.945	ng/ul	90
63) 4-Nitroaniline	15.695	138	548100	85.154	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.754	198	515329	87.851	ng/ul#	87
67) N-Nitrosodiphenylamine	15.889	169	2355274	81.161	ng/ul	99
68) 4-Bromophenyl-phenylether	16.571	248	904194	89.487	ng/ul#	88
69) Hexachlorobenzene	16.689	284	1044673	90.423	ng/ul#	90
70) Atrazine	16.836	200	918074	84.077	ng/ul	98
71) Pentachlorophenol	17.024	266	685210	92.469	ng/ul	97
72) Phenanthrene	17.424	178	4193967	79.755	ng/ul	99
74) Anthracene	17.512	178	4278307	80.956	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.442	216	1365268	83.536	ng/uL	98
76) Pentachlorobenzene	14.960	250	1292443	88.709	ng/uL	98
77) Carbazole	17.777	167	3638996	77.793	ng/ul	99
78) Di-n-butylphthalate	18.348	149	4416412	75.927	ng/ul	98
80) Fluoranthene	19.430	202	4856443	74.581	ng/ul#	92
82) Pyrene	19.795	202	4909032	73.762	ng/ul#	90
83) Butylbenzylphthalate	20.683	149	1889094	69.665	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.459	252	1710111	93.265	ng/ul	97
85) Benzo(a)anthracene	21.536	228	4643443	77.790	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.465	149	2932294	74.152	ng/ul#	98
87) Chrysene	21.589	228	4539241	77.814	ng/ul	100
89) Di-n-octyl phthalate	22.406	149	4665658	69.581	ng/ul	100
90) Benzo(b)fluoranthene	23.253	252	4855731	77.195	ng/ul#	98
91) Benzo(k)fluoranthene	23.306	252	4669153	80.852	ng/ul#	97
93) Benzo(a)pyrene	23.900	252	4787067m	80.481	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.577	276	5627719	81.855	ng/ul	97
95) Dibenzo(a,h)anthracene	26.594	278	4825232	81.085	ng/ul	96
96) Benzo(g,h,i)perylene	27.359	276	4779576	82.679	ng/ul	96

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

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