Quantitation Report (Qedit)

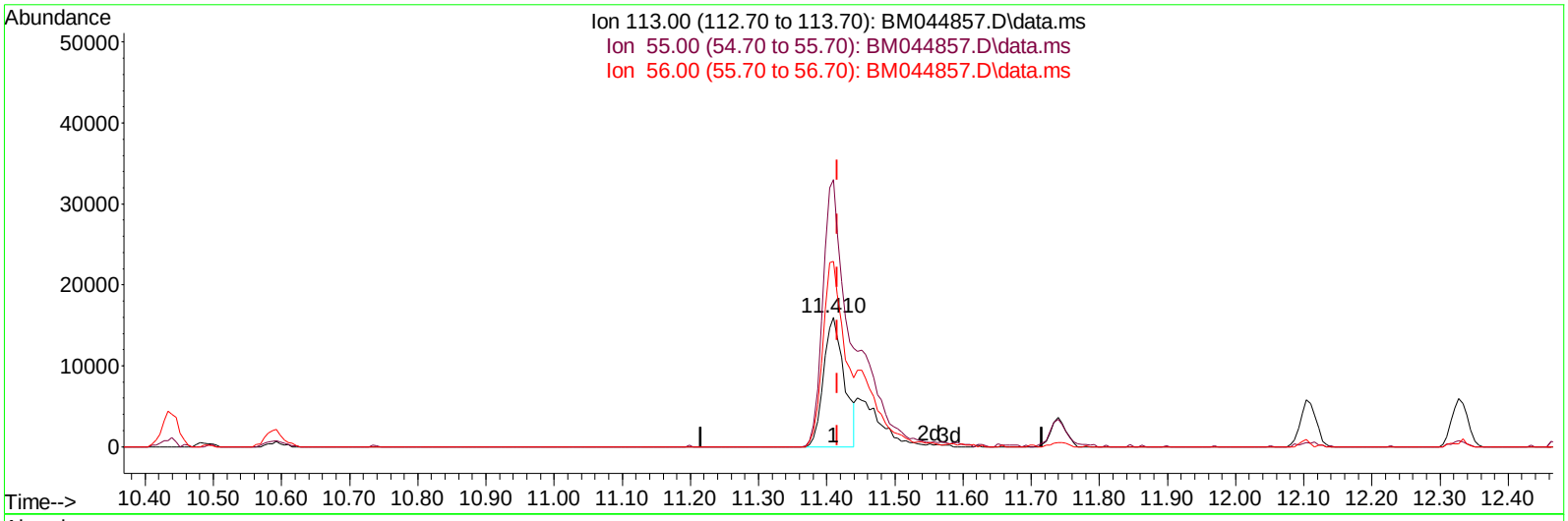
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044857.D
Acq On : 01 Apr 2024 10:06
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

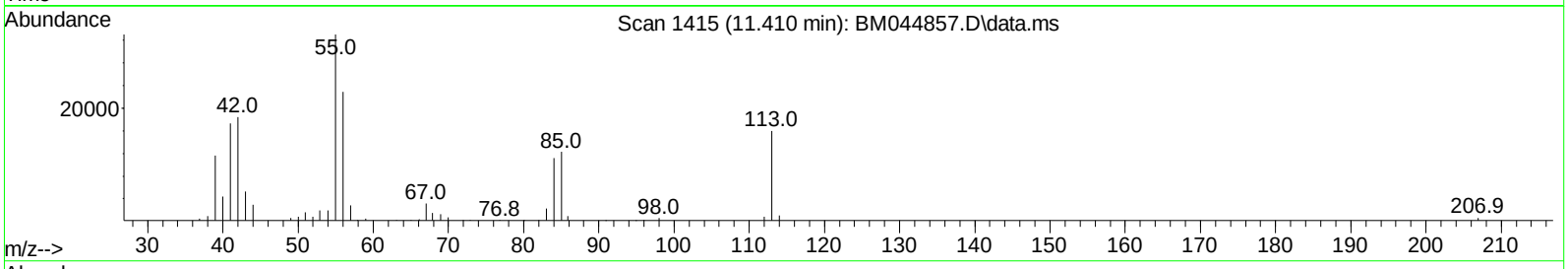
Quant Time: Apr 01 10:57:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

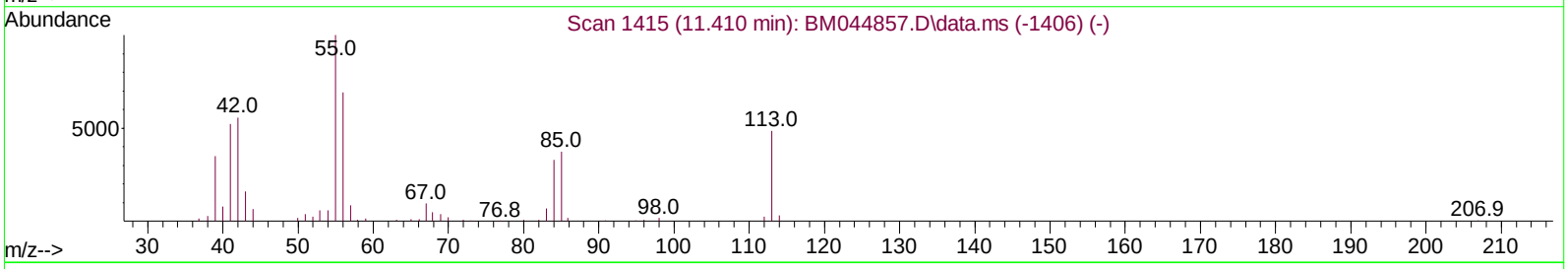
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044857.D\data.ms

(34) Caprolactam

11.410min (-0.006) 11.93 ng/ul

response 33793

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	206.64#
56.00	127.70	143.29
0.00	0.00	0.00

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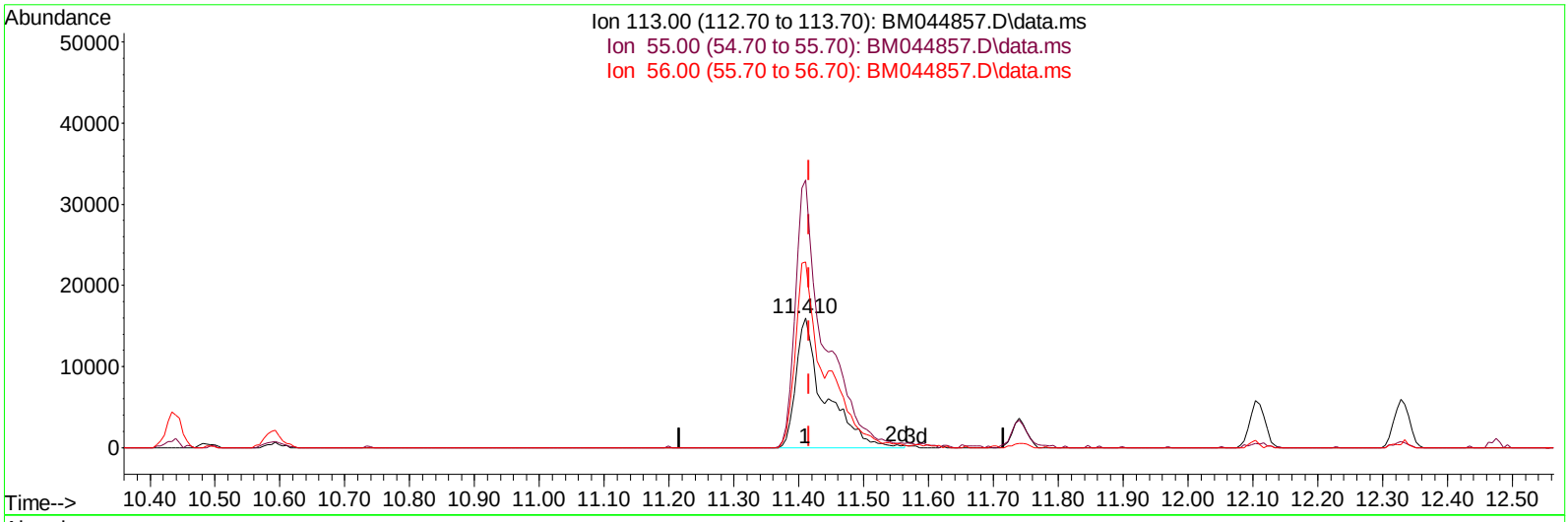

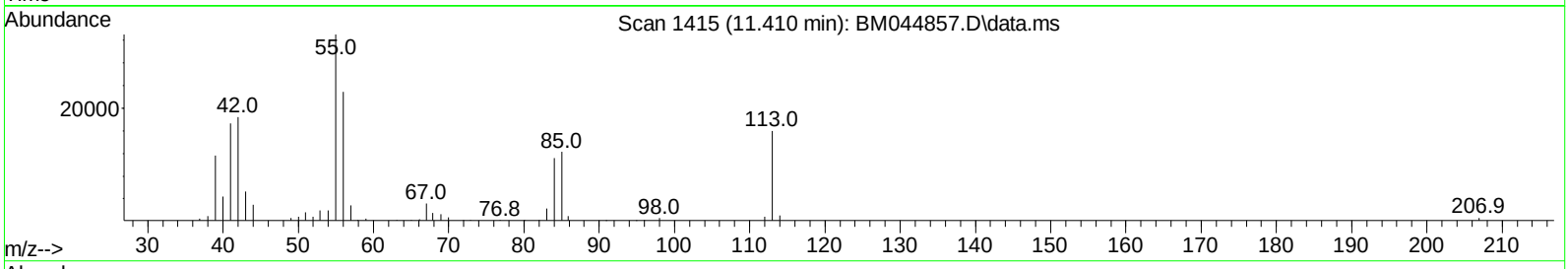

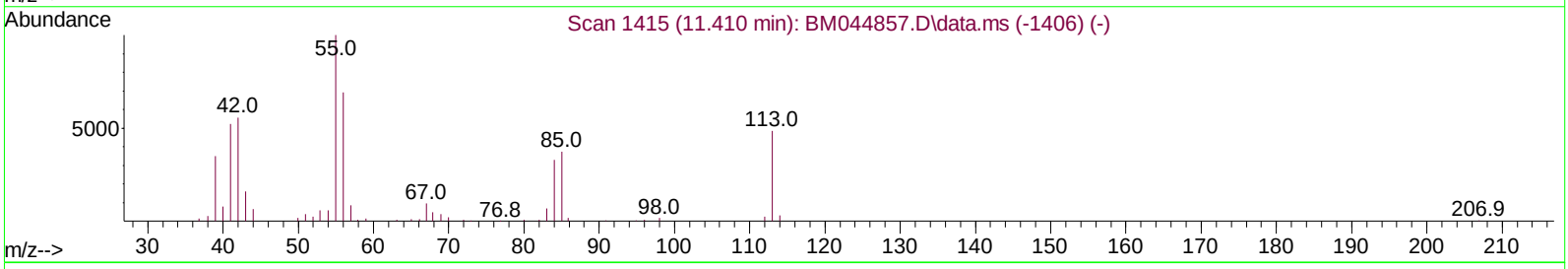

TIC: BM044857.D\data.ms

(34) Caprolactam

11.410min (-0.006) 17.33 ng/ul m

response 49077

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	206.64#
56.00	127.70	143.29
0.00	0.00	0.00

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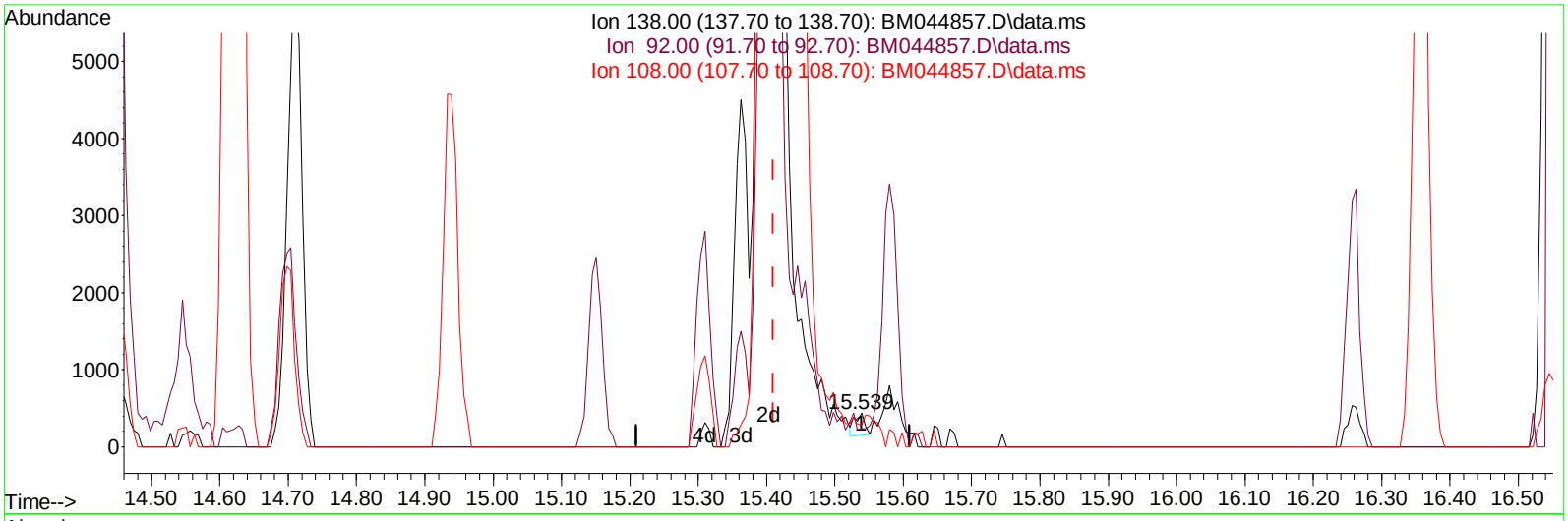

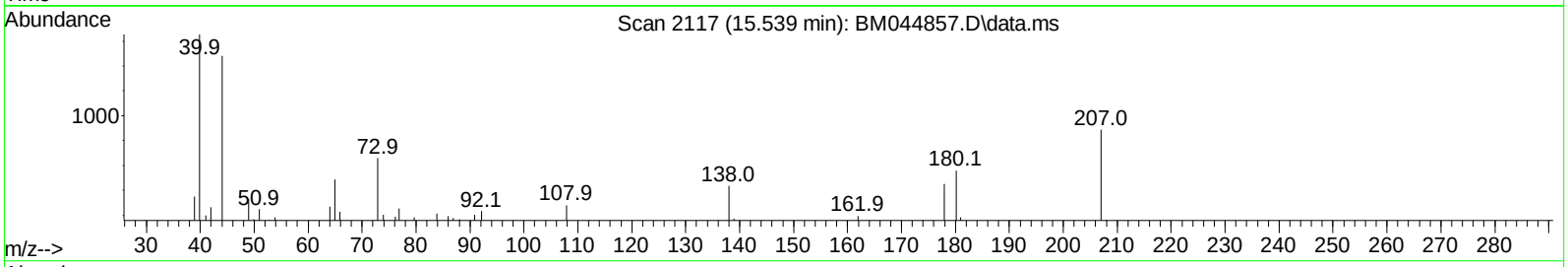

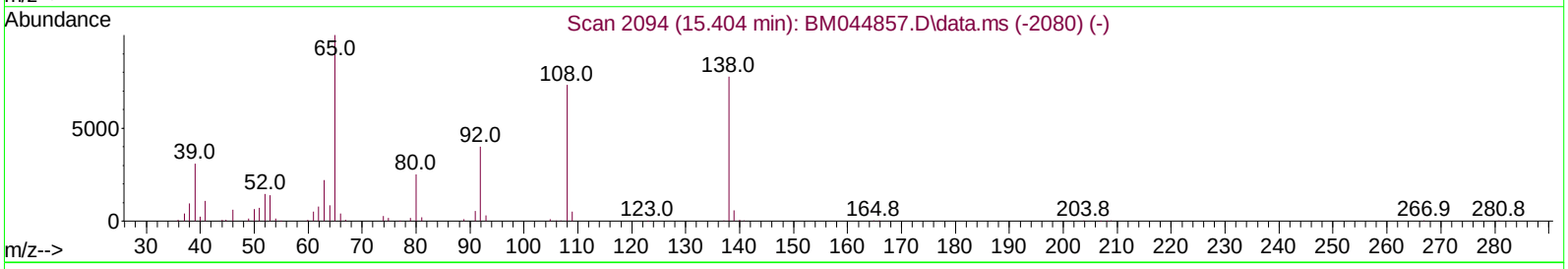

TIC: BM044857.D\data.ms

(63) 4-Nitroaniline

15.539min (+ 0.129) 0.06 ng/ul

response 299

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	53.21
108.00	68.30	63.99
0.00	0.00	0.00

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QLast Update : Sun Mar 31 13:54:26 2024
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Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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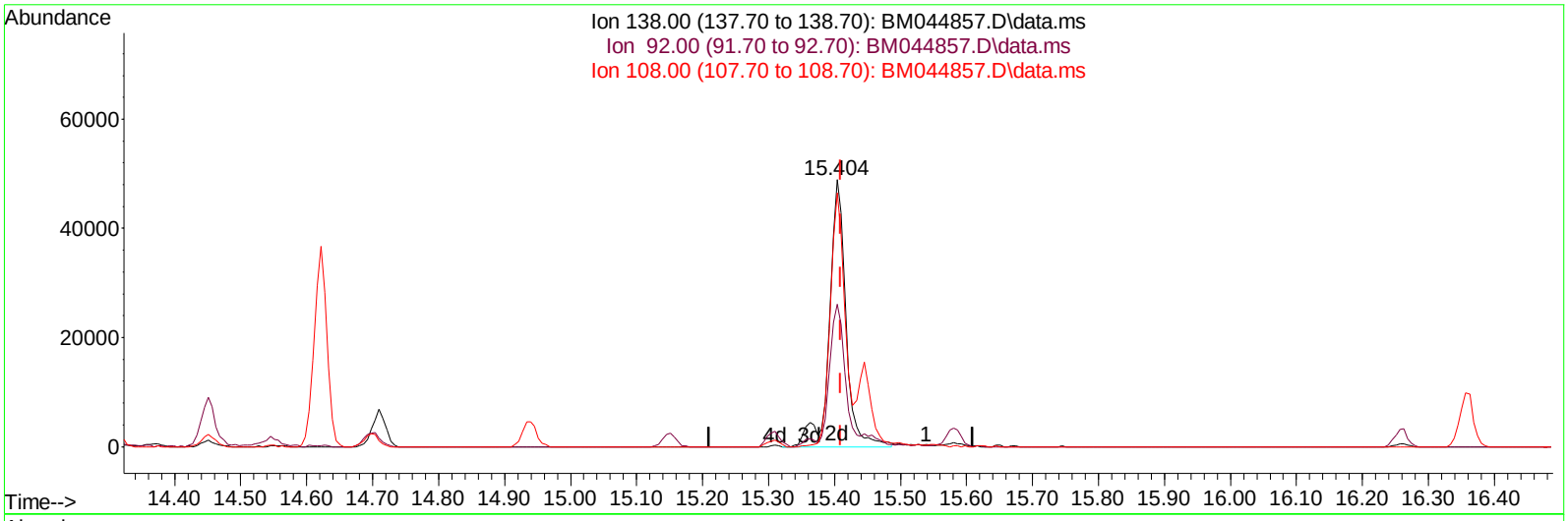
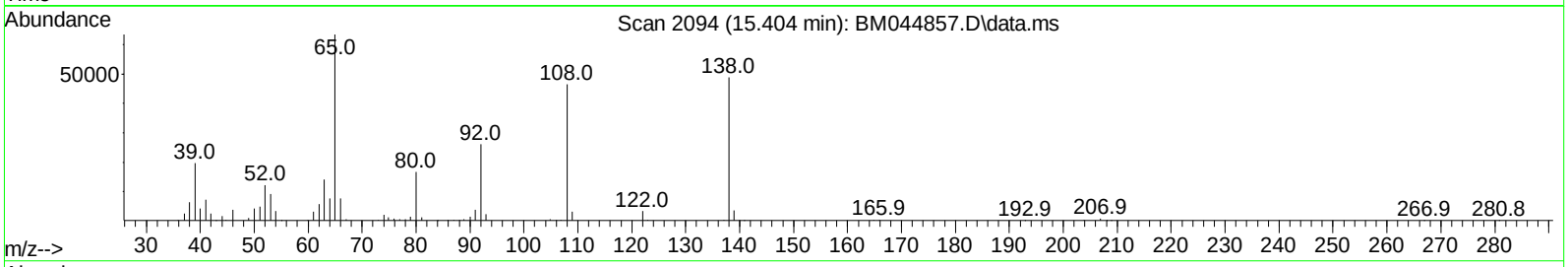
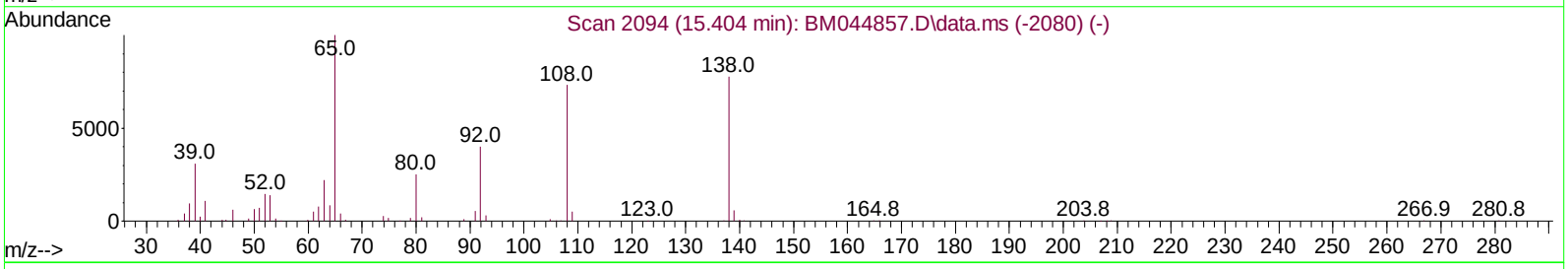
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044857.D\data.ms

(63) 4-Nitroaniline

15.404min (-0.006) 17.95 ng/ul m

response 86053

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	53.40
108.00	68.30	95.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
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Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	109268	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.439	136	471472	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	291289	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	560182	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	409989	20.000	ng/ul	0.00
88) Perylene-d12	23.497	264	428916	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	22298	6.921	ng/uL	0.00
4) Pyridine-d5	3.628	84	162341	17.120	ng/ul	0.00
7) Phenol-d5	6.840	99	206670	18.397	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	137824	19.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	161984	19.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	162135	18.377	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	81297	20.477	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	90872	21.232	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	154824	21.255	ng/ul	0.00
31) 4-Chloroaniline-d4	10.586	131	228195	18.863	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	442161	19.351	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	508054	19.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	74483	15.718	ng/ul	0.00
60) Fluorene-d10	15.310	176	365011	19.009	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	68240	18.766	ng/ul	0.00
73) Anthracene-d10	17.163	188	540263	20.177	ng/ul	0.00
81) Pyrene-d10	19.468	212	547878	21.788	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.350	264	435882	19.334	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	24084	7.221	ng/uL#	92
5) Pyridine	3.646	79	168983	17.182	ng/ul#	74
6) Benzaldehyde	6.822	77	122826	25.102	ng/ul	92
8) Phenol	6.863	94	209475	18.270	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.104	93	174217	18.505	ng/ul	93
12) 2-Chlorophenol	7.228	128	165356	19.419	ng/ul	97
13) 2-Methylphenol	8.104	108	158194	18.182	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	292880	23.557	ng/ul#	93
16) Acetophenone	8.487	105	265014	19.368	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.475	70	140098	19.817	ng/ul#	82
18) 4-Methylphenol	8.434	108	171446	18.102	ng/ul	98
19) Hexachloroethane	8.716	117	73563	21.090	ng/ul	96
22) Nitrobenzene	8.863	77	210992	22.410	ng/ul	94
23) Isophorone	9.387	82	399868	20.817	ng/ul	96
25) 2-Nitrophenol	9.569	139	96147	20.606	ng/ul#	89
26) 2,4-Dimethylphenol	9.628	107	181750	21.407	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.869	93	238527	19.745	ng/ul	99
29) 2,4-Dichlorophenol	10.092	162	154291	21.217	ng/ul	98
30) Naphthalene	10.486	128	537739	20.138	ng/ul	99
32) 4-Chloroaniline	10.616	127	223055	19.126	ng/ul	100
33) Hexachlorobutadiene	10.751	225	95833	23.512	ng/ul	97
34) Caprolactam	11.410	113	49077m	17.330	ng/ul	
35) 4-Chloro-3-methylphenol	11.739	107	168954	20.035	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	355363	20.012	ng/ul	98
37) 1-Methylnaphthalene	12.328	142	352066	20.098	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	178589	21.550	ng/ul	98
40) Hexachlorocyclopentadiene	12.439	237	97148	17.660	ng/ul	100
41) 2,4,6-Trichlorophenol	12.727	196	119539	20.576	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	125222	20.113	ng/ul	100
43) 1,1'-Biphenyl	13.133	154	453663	19.613	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	358771	19.765	ng/ul	100
45) 2-Nitroaniline	13.398	65	122577	21.511	ng/ul	90
47) Dimethylphthalate	13.780	163	445072	19.142	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	89230	19.213	ng/ul	96
50) Acenaphthylene	14.027	152	603140	19.803	ng/ul	100
51) 3-Nitroaniline	14.233	138	93440	18.627	ng/ul	93
52) Acenaphthene	14.369	153	397616	19.858	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	43688	14.706	ng/ul#	81
55) 4-Nitrophenol	14.545	109	65645	19.772	ng/ul#	81
56) Dibenzofuran	14.710	168	524918	19.709	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	127145	18.965	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	14.939	232	105499	20.476	ng/ul	98
59) Diethylphthalate	15.151	149	456543	18.920	ng/ul	99
61) Fluorene	15.363	166	438710	20.140	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	211711	20.941	ng/ul	100
63) 4-Nitroaniline	15.404	138	86053m	17.948	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	73307	18.866	ng/ul	98
67) N-Nitrosodiphenylamine	15.580	169	349289	20.703	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	123146	21.978	ng/ul	95
69) Hexachlorobenzene	16.363	284	144950	22.712	ng/ul	96
70) Atrazine	16.545	200	117723	21.352	ng/ul	97
71) Pentachlorophenol	16.715	266	83941	19.919	ng/ul	98
72) Phenanthrene	17.104	178	635794	20.008	ng/ul	100
74) Anthracene	17.198	178	647633	20.152	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	172010	22.989	ng/uL	100
76) Pentachlorobenzene	14.621	250	169604	23.446	ng/uL	100
77) Carbazole	17.480	167	569910	18.871	ng/ul	98
78) Di-n-butylphthalate	18.045	149	775452	19.090	ng/ul	99
80) Fluoranthene	19.133	202	674636	22.528	ng/ul	95
82) Pyrene	19.498	202	693918	22.257	ng/ul	95
83) Butylbenzylphthalate	20.415	149	310784	20.273	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.192	252	191360	21.577	ng/ul	99
85) Benzo(a)anthracene	21.250	228	595128	19.330	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	476708	21.327	ng/ul	95
87) Chrysene	21.303	228	544243	19.093	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	741582	19.320	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	558891	19.473	ng/ul	100
91) Benzo(k)fluoranthene	22.874	252	531060	18.893	ng/ul	98
93) Benzo(a)pyrene	23.397	252	516691	19.245	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.744	276	617790	20.516	ng/ul	98
95) Dibenzo(a,h)anthracene	25.756	278	521932	20.787	ng/ul	99
96) Benzo(g,h,i)perylene	26.427	276	495729	20.630	ng/ul	98

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

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