Quantitation Report (Qedit)

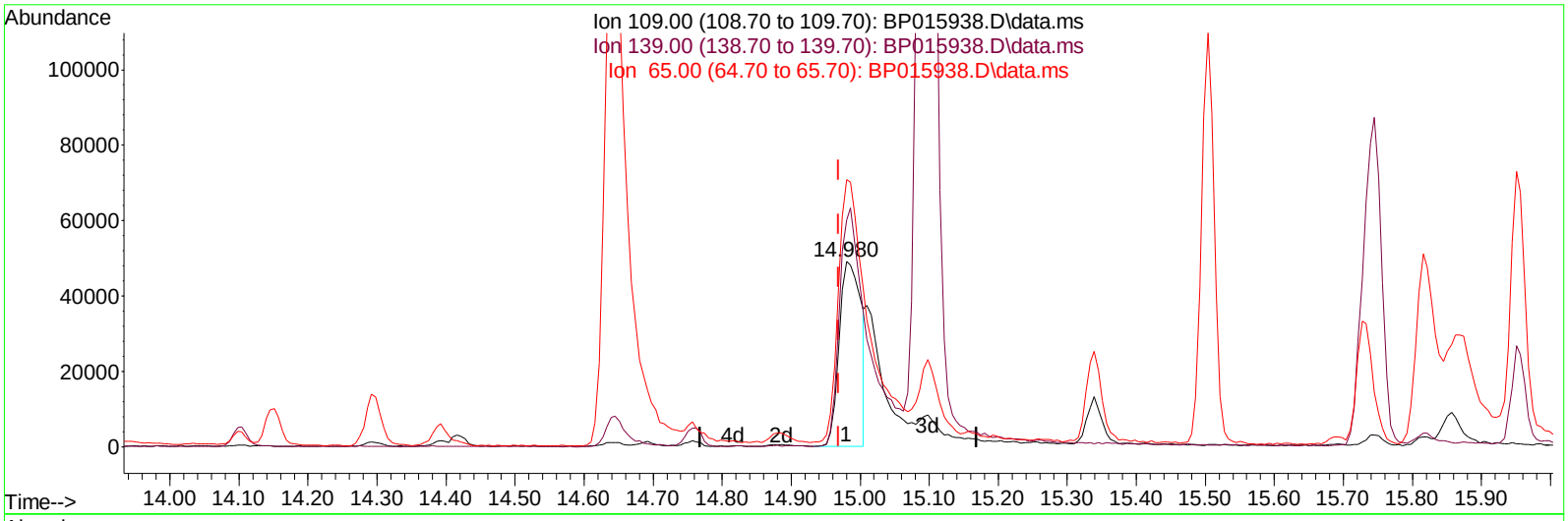
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015938.D
Acq On : 02 Jul 2023 23:07
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

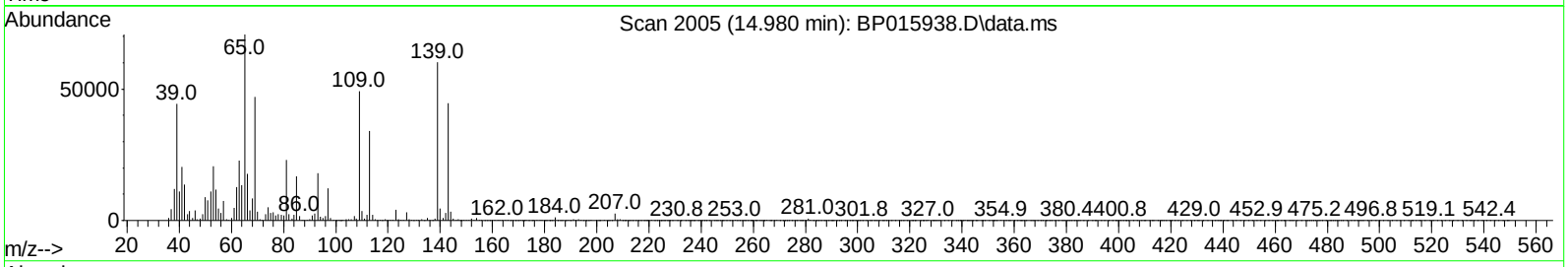
Quant Time: Jul 03 01:42:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

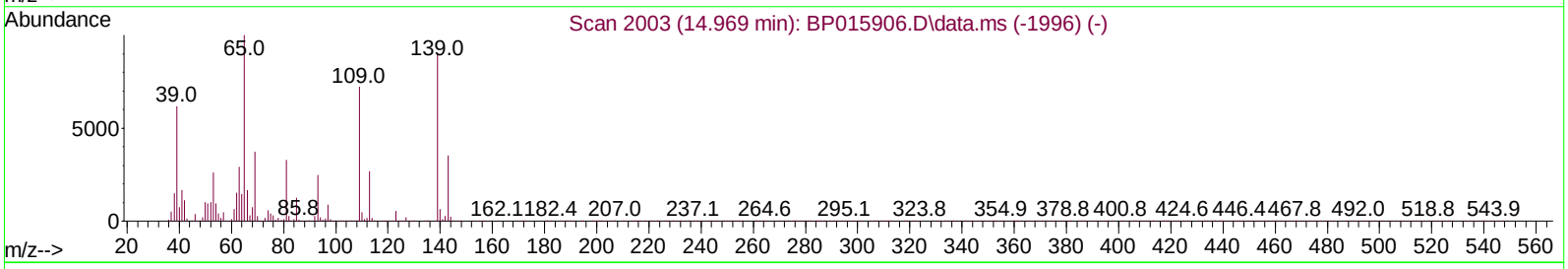
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023







TIC: BP015938.D\data.ms

(55) 4-Nitrophenol

14.980min (+ 0.012) 14.62 ng/ul

response 106523

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.60	122.36#
65.00	124.90	144.08
0.00	0.00	0.00

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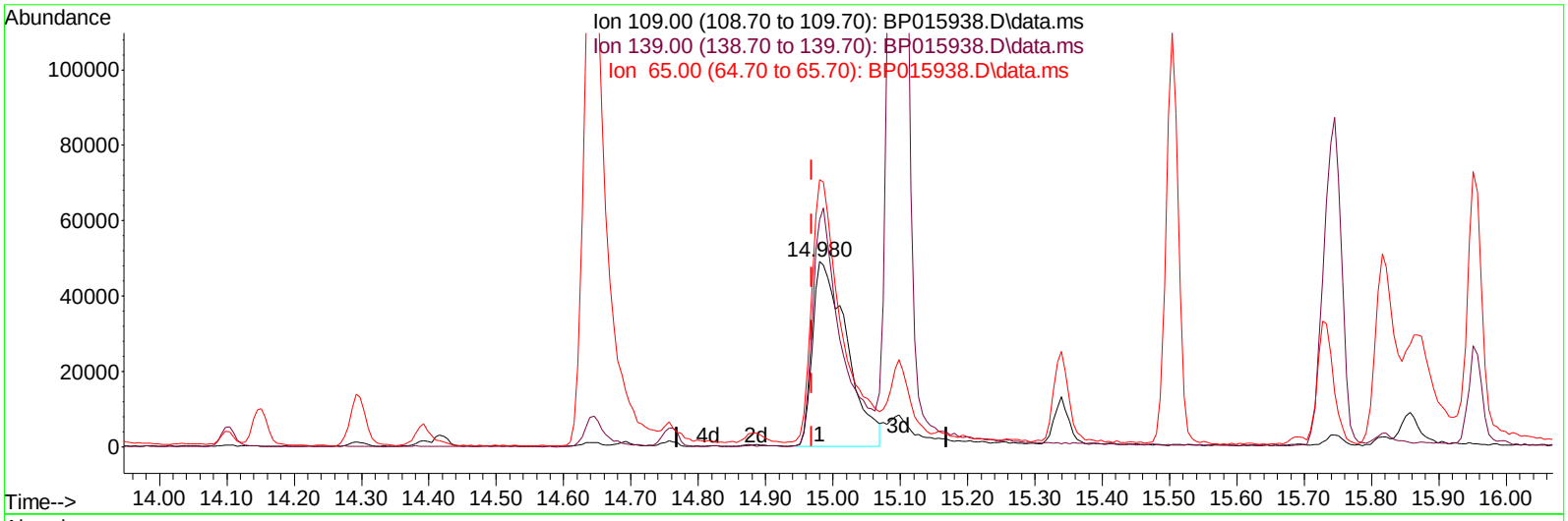

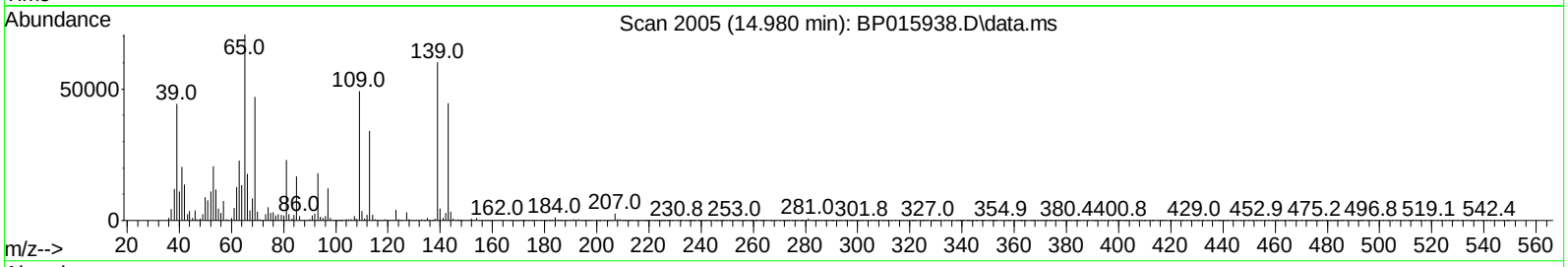

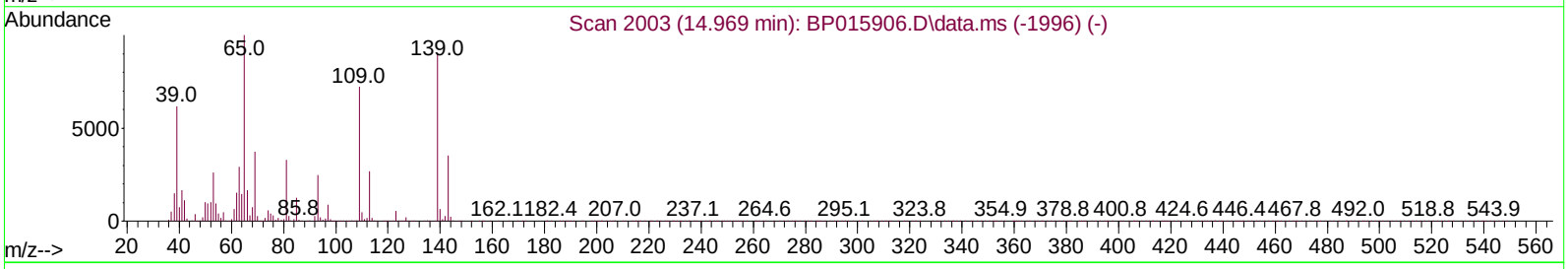

TIC: BP015938.D\data.ms

(55) 4-Nitrophenol

14.980min (+ 0.012) 23.89 ng/ul m

response 174022

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.60	122.36#
65.00	124.90	144.08
0.00	0.00	0.00

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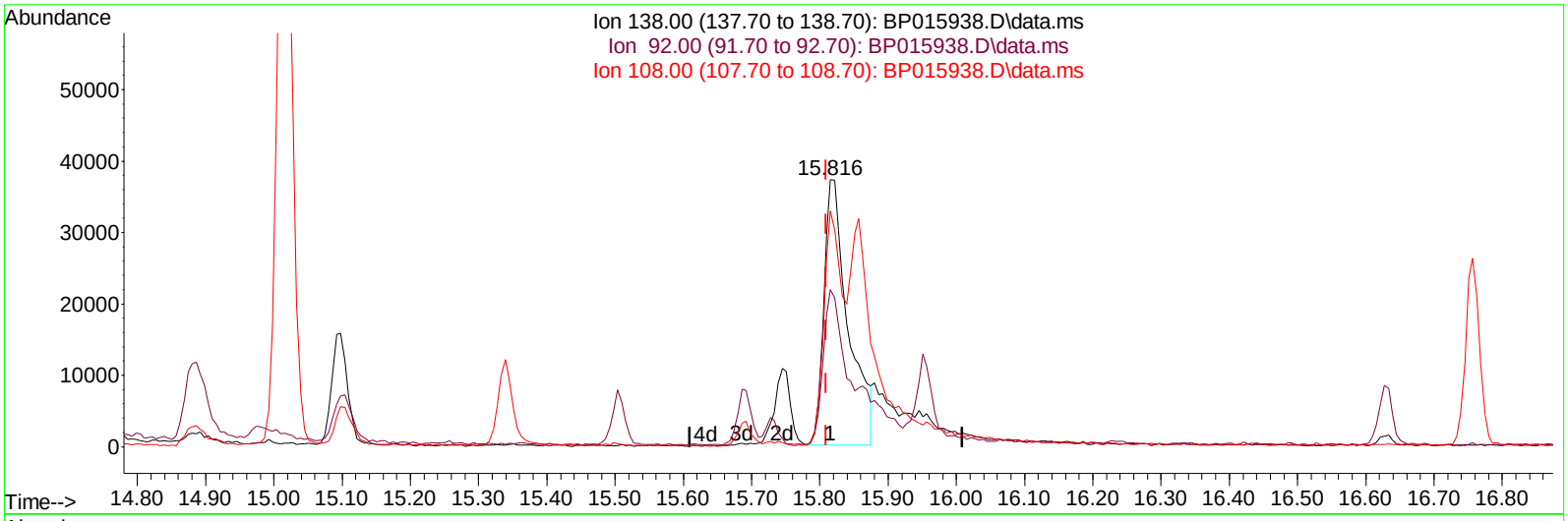

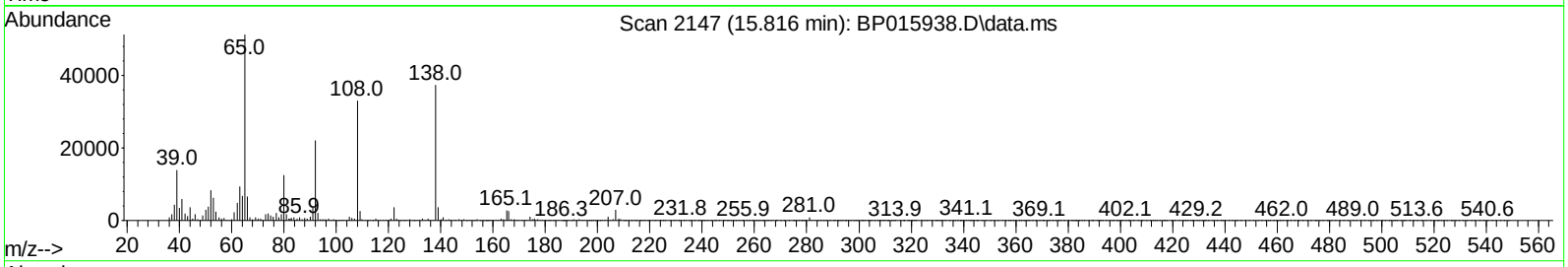

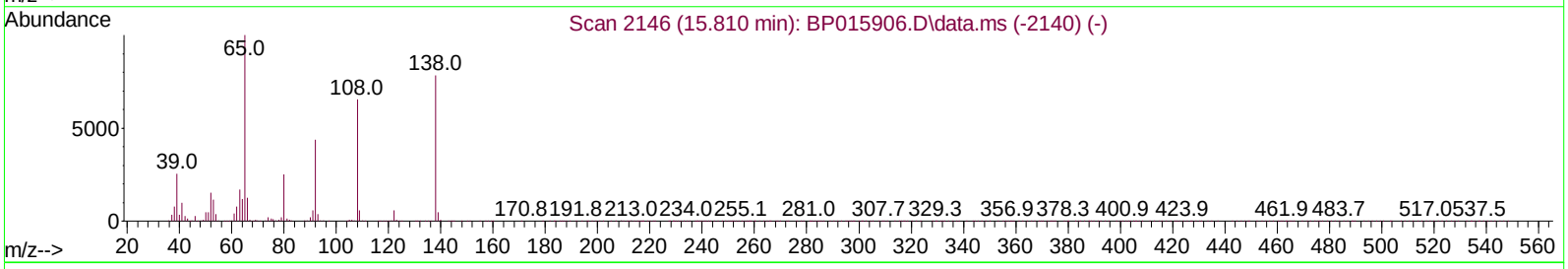

TIC: BP015938.D\data.ms

(63) 4-Nitroaniline

15.816min (+ 0.006) 15.41 ng/ul

response 92475

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	58.86
108.00	106.90	88.31
0.00	0.00	0.00

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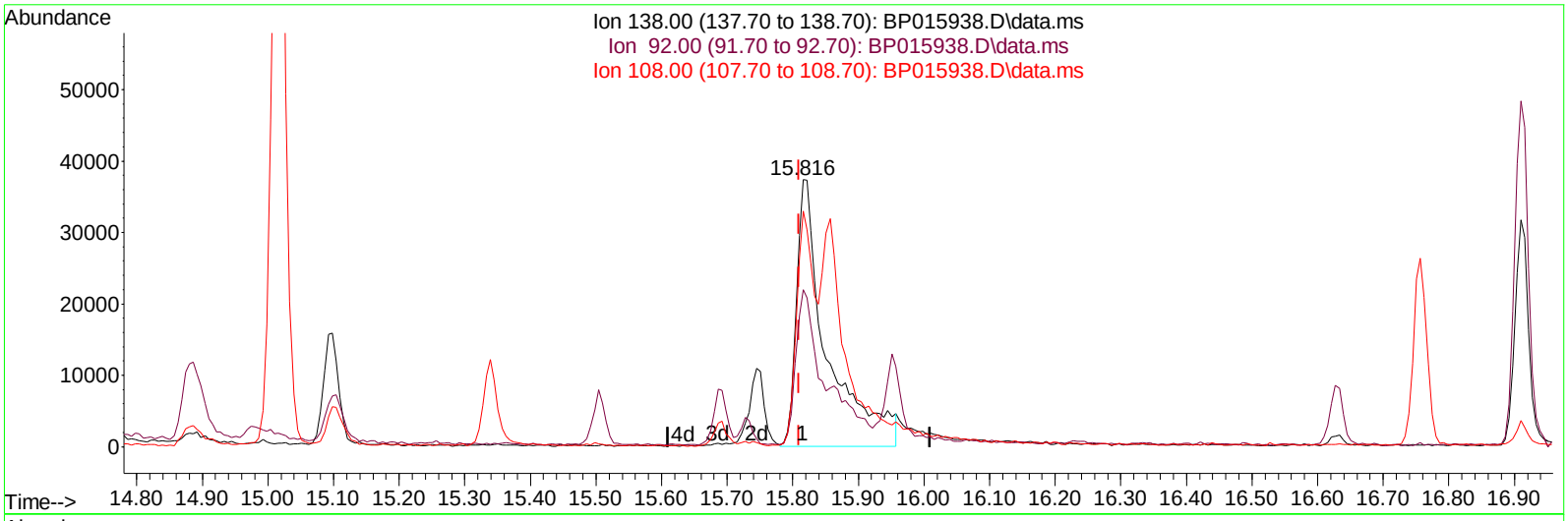

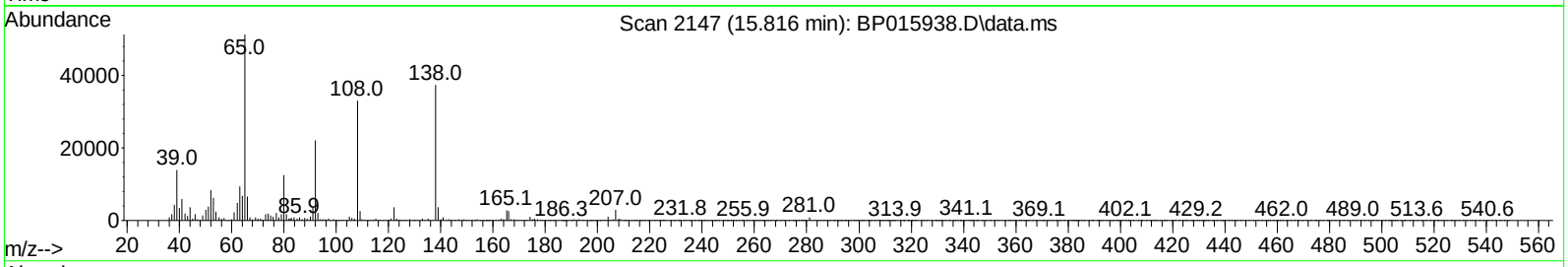

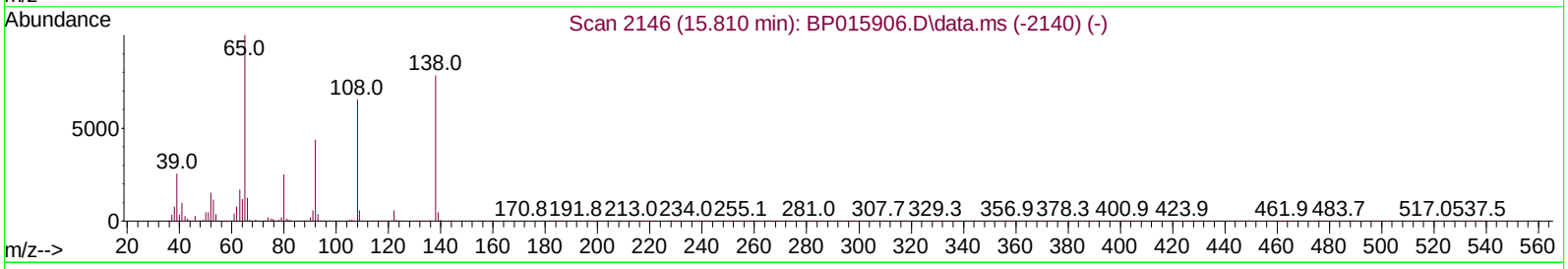

TIC: BP015938.D\data.ms

(63) 4-Nitroaniline

15.816min (+ 0.006) 20.04 ng/ul m

response 120305

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	58.86
108.00	106.90	88.31
0.00	0.00	0.00

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Acq On : 02 Jul 2023 23:07
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
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Quant Time: Jul 03 01:45:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	302252	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1251762	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	689295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1433454	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1301426	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1514097	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	81322	9.680	ng/uL	0.00
4) Pyridine-d5	3.816	84	561148	26.498	ng/ul	0.00
7) Phenol-d5	7.222	99	713918	27.606	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	456559	28.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	533249	27.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	518039	25.357	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	257409	26.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	287023	25.707	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	493029	24.780	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	652979	25.548	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	1268394	23.807	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1510453	25.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	128155	18.228	ng/ul	0.02
60) Fluorene-d10	15.692	176	1064652	24.269	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	163144	18.506	ng/ul	0.00
73) Anthracene-d10	17.557	188	1660775	25.364	ng/ul	0.00
81) Pyrene-d10	19.786	212	1865741	21.955	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1857772	24.323	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	89021	9.847	ng/uL	98
5) Pyridine	3.840	79	592992	26.767	ng/ul	94
6) Benzaldehyde	7.192	77	148053	14.160	ng/ul	96
8) Phenol	7.251	94	743263	27.696	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.463	93	607759	28.463	ng/ul	99
12) 2-Chlorophenol	7.610	128	566957	27.336	ng/ul	98
13) 2-Methylphenol	8.510	108	541182	26.709	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	875563	30.022	ng/ul	99
16) Acetophenone	8.886	105	855771	25.482	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	464012	24.877	ng/ul	99
18) 4-Methylphenol	8.845	108	563452	25.881	ng/ul	98
19) Hexachloroethane	9.116	117	235886	24.625	ng/ul	88
22) Nitrobenzene	9.275	77	697858	25.977	ng/ul	96
23) Isophorone	9.798	82	1274935	24.800	ng/ul	98
25) 2-Nitrophenol	9.986	139	302610	25.538	ng/ul	94
26) 2,4-Dimethylphenol	10.051	107	623163	23.923	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.275	93	777794	26.801	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	491718	24.858	ng/ul	99
30) Naphthalene	10.922	128	1724608	25.344	ng/ul	99
32) 4-Chloroaniline	11.057	127	675380	25.434	ng/ul	96
33) Hexachlorobutadiene	11.180	225	329578	22.063	ng/ul	99
34) Caprolactam	11.863	113	149974	24.787	ng/ul	91
35) 4-Chloro-3-methylphenol	12.192	107	525973	22.716	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.527	142	1075161	24.001	ng/ul	98
37) 1-Methylnaphthalene	12.745	142	1084262	23.727	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	563088	24.790	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	50784	7.473	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	360195	25.092	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	384585	25.258	ng/ul	96
43) 1,1'-Biphenyl	13.527	154	1389037	25.442	ng/ul	98
44) 2-Chloronaphthalene	13.580	162	1091249	25.372	ng/ul	98
45) 2-Nitroaniline	13.810	65	358667	26.503	ng/ul	95
47) Dimethylphthalate	14.151	163	1320533	23.950	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	273734	24.475	ng/ul	98
50) Acenaphthylene	14.421	152	1667874	25.274	ng/ul	100
51) 3-Nitroaniline	14.645	138	225757	25.740	ng/ul	92
52) Acenaphthene	14.757	153	1148899	25.107	ng/ul	99
53) 2,4-Dinitrophenol	14.886	184	87256	14.705	ng/ul	90
55) 4-Nitrophenol	14.980	109	174022m	23.885	ng/ul	
56) Dibenzofuran	15.098	168	1559549	24.550	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	373172	24.484	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	312012	23.857	ng/ul	99
59) Diethylphthalate	15.504	149	1340342	24.022	ng/ul	99
61) Fluorene	15.745	166	1247723	24.215	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	609088	23.102	ng/ul	95
63) 4-Nitroaniline	15.816	138	120305m	20.042	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.874	198	165387	18.542	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	1052253	24.521	ng/ul	99
68) 4-Bromophenyl-phenylether	16.627	248	374044	22.851	ng/ul	93
69) Hexachlorobenzene	16.757	284	427627	22.140	ng/ul	97
70) Atrazine	16.910	200	373678	22.749	ng/ul	98
71) Pentachlorophenol	17.121	266	215443	23.241	ng/ul	98
72) Phenanthrene	17.498	178	1954521	25.099	ng/ul	99
74) Anthracene	17.598	178	1987461	25.399	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	564841	24.216	ng/uL	98
76) Pentachlorobenzene	15.016	250	533207	22.650	ng/uL	99
77) Carbazole	17.880	167	1802325	27.328	ng/ul	99
78) Di-n-butylphthalate	18.386	149	2350522	26.883	ng/ul	99
80) Fluoranthene	19.462	202	2315334	21.923	ng/ul#	95
82) Pyrene	19.815	202	2385986	22.147	ng/ul#	90
83) Butylbenzylphthalate	20.656	149	1119045	25.460	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	651467	22.144	ng/ul	97
85) Benzo(a)anthracene	21.527	228	2305981	25.188	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.403	149	1640444	27.158	ng/ul#	99
87) Chrysene	21.586	228	2154103	24.800	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	2863275	25.876	ng/ul	100
90) Benzo(b)fluoranthene	23.303	252	2303690	23.679	ng/ul	98
91) Benzo(k)fluoranthene	23.356	252	2350637	23.914	ng/ul	98
93) Benzo(a)pyrene	23.980	252	2093957	24.632	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	2775597	24.052	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.791	278	2286439	24.122	ng/ul#	95
96) Benzo(g,h,i)perylene	27.627	276	2268439	23.894	ng/ul#	95

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

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