Quantitation Report (Qedit)

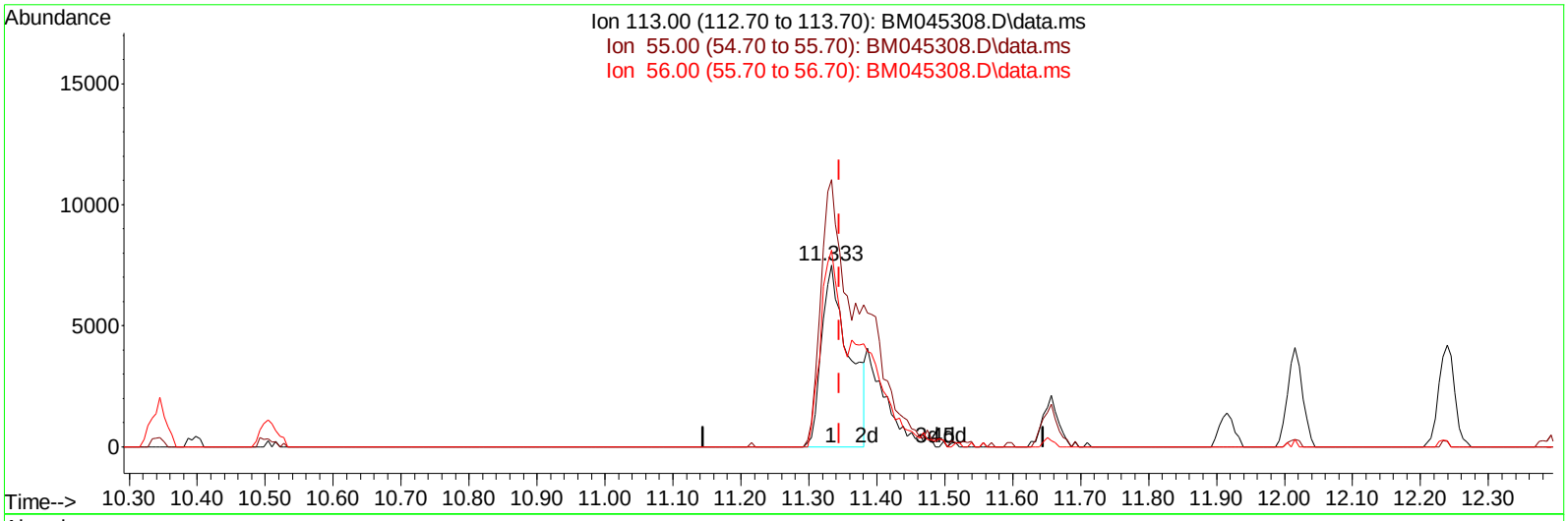
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045308.D
Acq On : 17 Apr 2024 08:15
Operator : MA/JU
Sample : PB160241BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

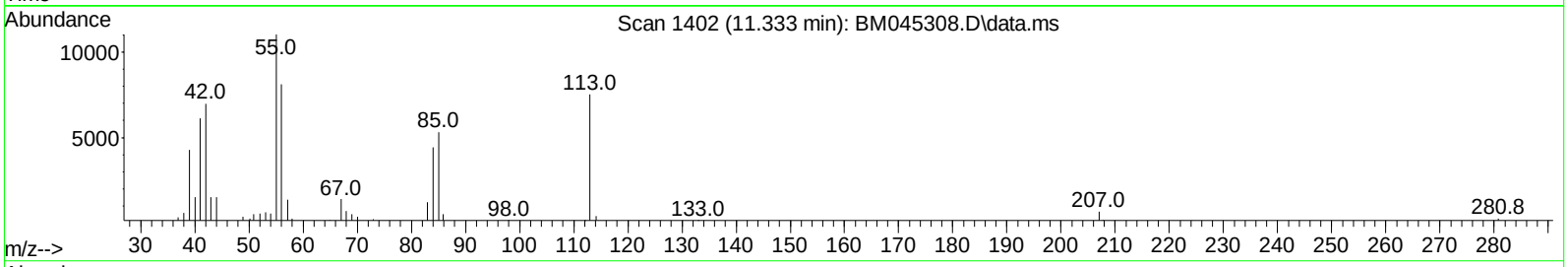
Quant Time: Apr 17 08:45:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

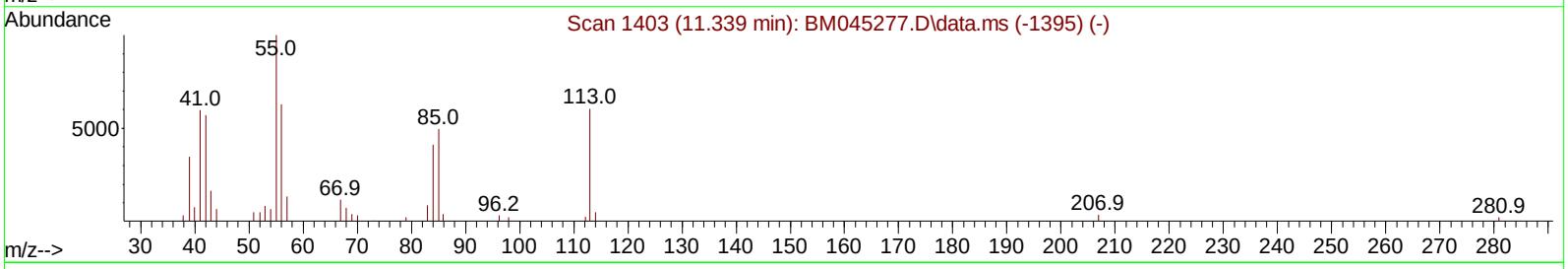
Instrument :
BNA_M
ClientSampleId :
SLCS241

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024







TIC: BM045308.D\data.ms

(34) Caprolactam

11.333min (-0.012) 17.61 ng/ul

response 20703

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	146.75
56.00	114.80	108.03
0.00	0.00	0.00

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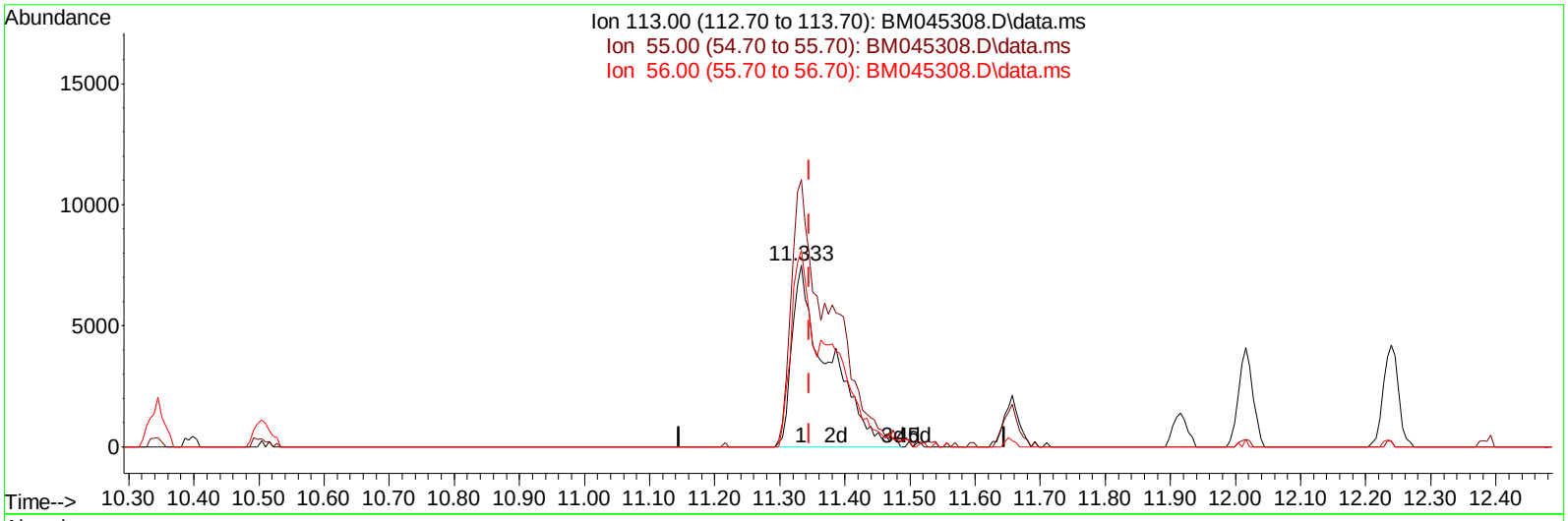

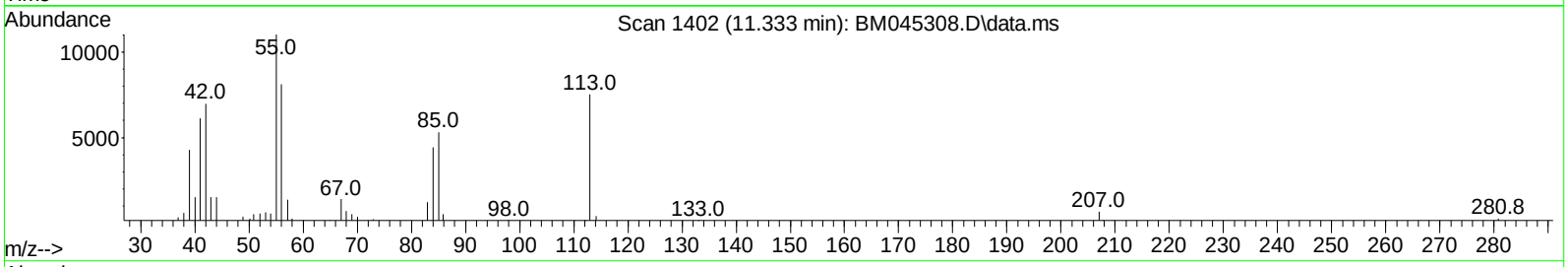

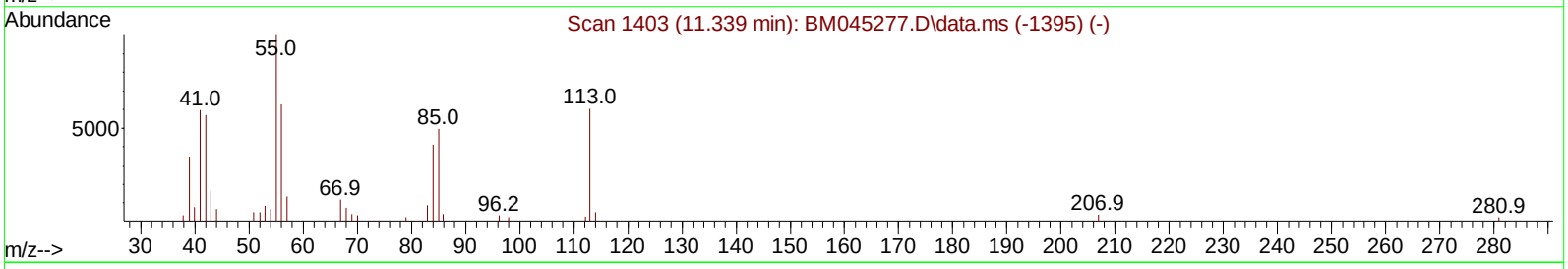

TIC: BM045308.D\data.ms

(34) Caprolactam

11.333min (-0.012) 24.71 ng/ul m

response 29058

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	146.75
56.00	114.80	108.03
0.00	0.00	0.00

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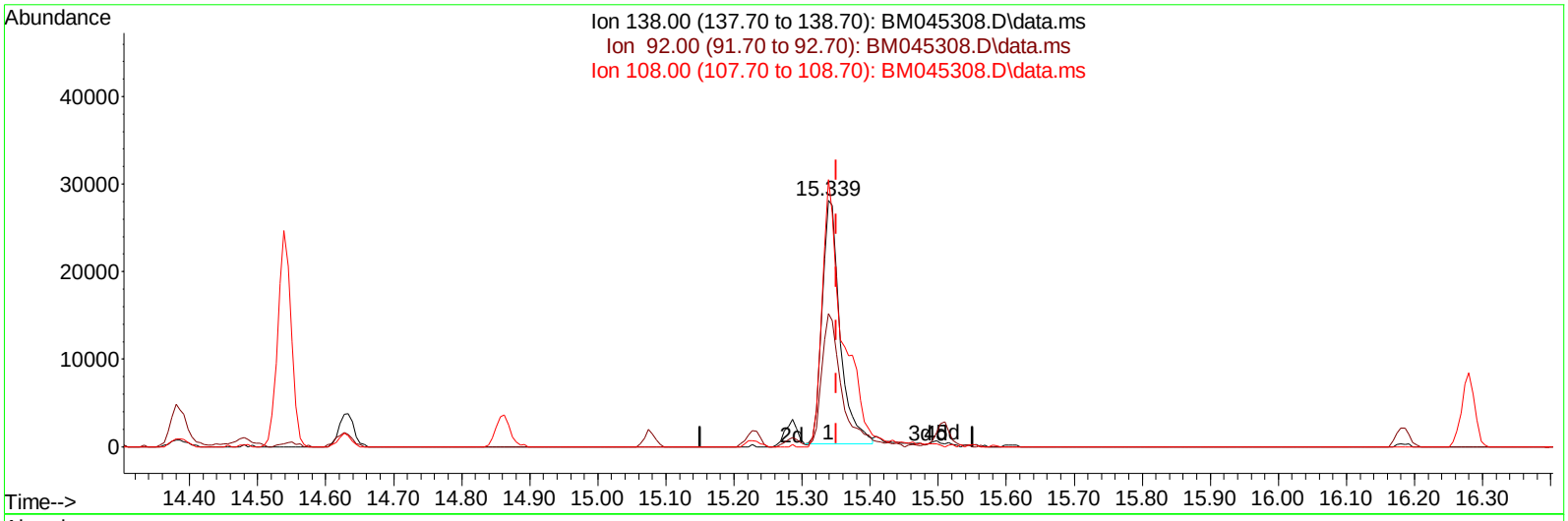

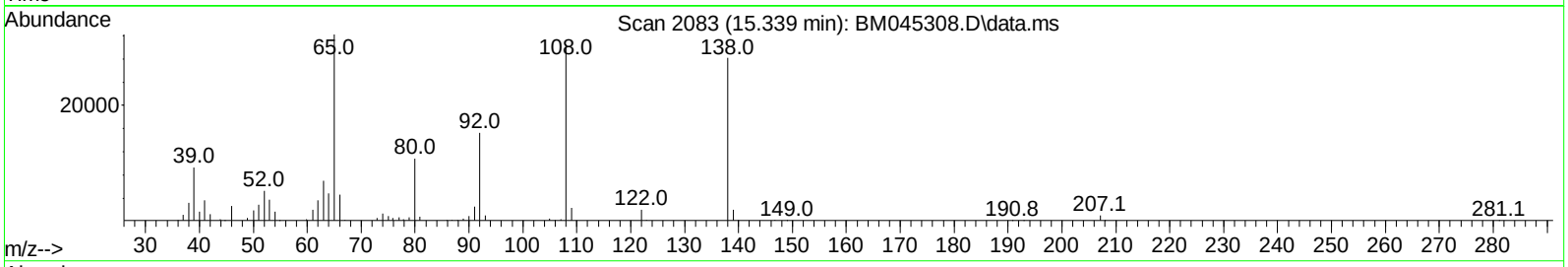

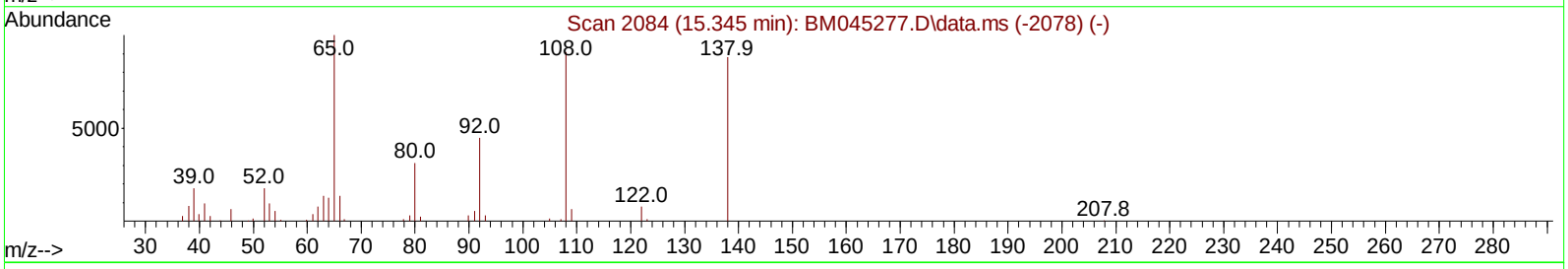

TIC: BM045308.D\data.ms

(63) 4-Nitroaniline

15.339min (-0.012) 25.73 ng/ul

response 50770

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	54.11
108.00	83.00	108.27#
0.00	0.00	0.00

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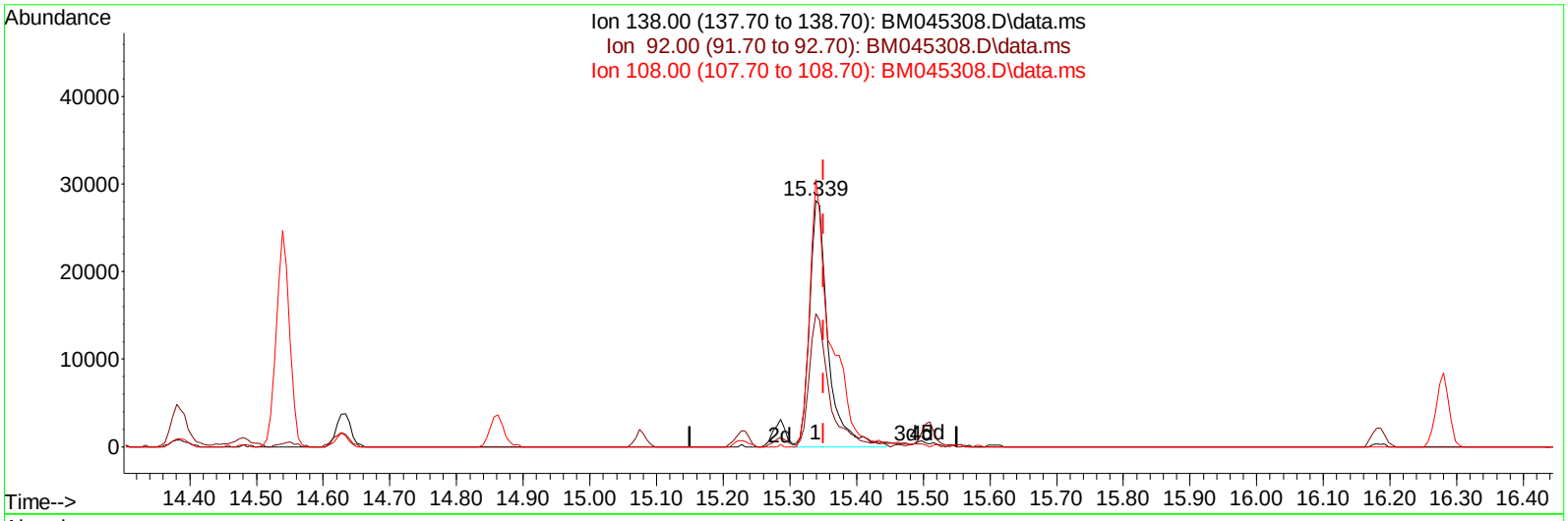

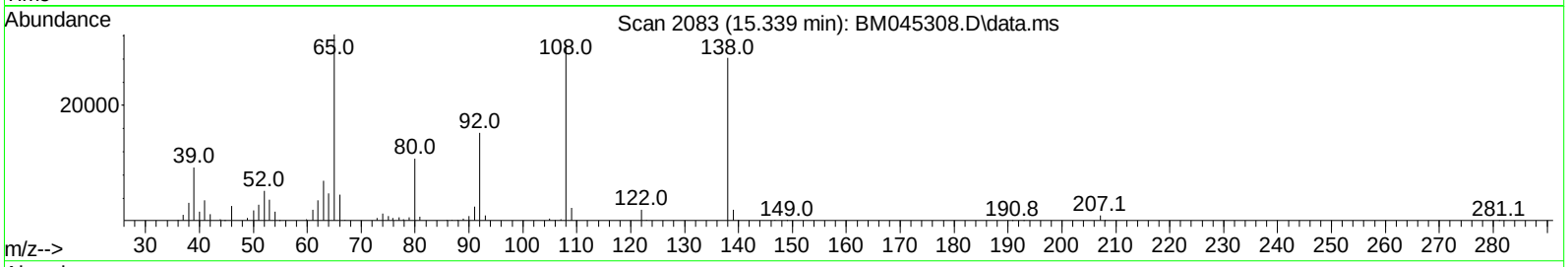

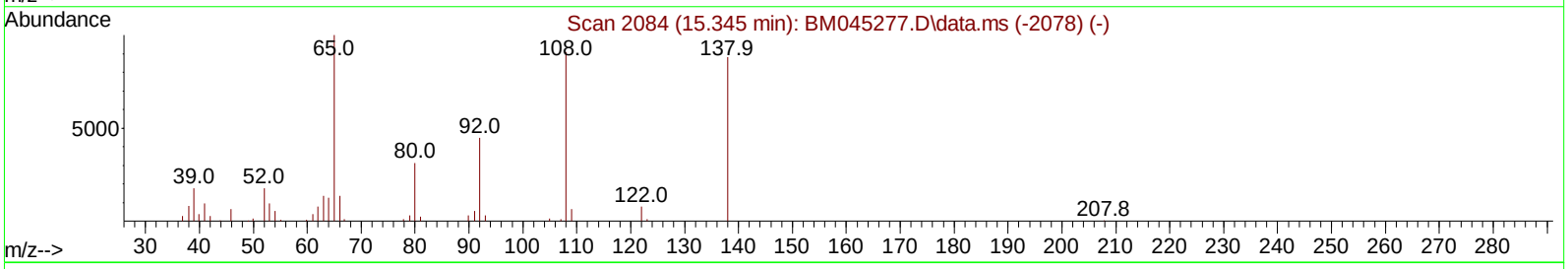

TIC: BM045308.D\data.ms

(63) 4-Nitroaniline

15.339min (-0.012) 27.55 ng/ul m

response 54379

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	54.11
108.00	83.00	108.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 17 Apr 2024 08:15
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Misc :
ALS Vial : 69 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	56913	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.345	136	231920	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.227	164	139507	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	267972	20.000	ng/ul	-0.01
79) Chrysene-d12	21.197	240	258566	20.000	ng/ul	-0.01
88) Perylene-d12	23.397	264	337482	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8689	5.701	ng/uL	0.00
4) Pyridine-d5	3.569	84	91575	22.095	ng/ul	-0.01
7) Phenol-d5	6.757	99	116705	24.188	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.934	67	77414	26.931	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.110	132	101428	26.833	ng/ul	-0.01
15) 4-Methylphenol-d8	8.286	113	94480	25.017	ng/ul	-0.01
21) Nitrobenzene-d5	8.733	128	48969	27.488	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.445	143	51642	27.465	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.975	165	95627	27.739	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.504	131	127669	23.260	ng/ul	-0.02
46) Dimethylphthalate-d6	13.657	166	281394	28.969	ng/ul	0.00
49) Acenaphthylene-d8	13.915	160	311886	27.179	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.462	143	46221	22.800	ng/ul	-0.01
60) Fluorene-d10	15.227	176	230069	26.568	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.374	200	40670	25.597	ng/ul	-0.01
73) Anthracene-d10	17.086	188	350482	29.074	ng/ul	-0.01
81) Pyrene-d10	19.392	212	392602	30.836	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.256	264	482987	29.337	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	13116	8.240	ng/uL#	86
5) Pyridine	3.587	79	96185	21.902	ng/ul	96
6) Benzaldehyde	6.745	77	74281	33.211	ng/ul	99
8) Phenol	6.787	94	128145	25.648	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.028	93	101004	25.903	ng/ul	97
12) 2-Chlorophenol	7.139	128	108020	27.234	ng/ul	99
13) 2-Methylphenol	8.022	108	92208	25.003	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.098	45	119168	25.623	ng/ul	97
16) Acetophenone	8.404	105	150412	24.497	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.386	70	76325	26.328	ng/ul#	88
18) 4-Methylphenol	8.351	108	101962	25.651	ng/ul	94
19) Hexachloroethane	8.622	117	50808	29.124	ng/ul	98
22) Nitrobenzene	8.780	77	122565	28.043	ng/ul	97
23) Isophorone	9.298	82	218888	27.258	ng/ul	98
25) 2-Nitrophenol	9.480	139	58634	28.095	ng/ul	93
26) 2,4-Dimethylphenol	9.539	107	99079	24.625	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.786	93	133159	27.971	ng/ul	98
29) 2,4-Dichlorophenol	10.004	162	97870	28.099	ng/ul	98
30) Naphthalene	10.392	128	324452	26.427	ng/ul	99
32) 4-Chloroaniline	10.527	127	120135	22.494	ng/ul	100
33) Hexachlorobutadiene	10.657	225	59342	27.402	ng/ul	94
34) Caprolactam	11.333	113	29058m	24.711	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	96304	27.814	ng/ul	98

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/18/2024

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.016	142	213796	26.671 ng/ul	96
37)	1-Methylnaphthalene	12.239	142	219716	27.085 ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.386	216	107156	28.086 ng/ul	98
40)	Hexachlorocyclopentadiene	12.351	237	58367	25.272 ng/ul	98
41)	2,4,6-Trichlorophenol	12.645	196	73662	29.597 ng/ul	94
42)	2,4,5-Trichlorophenol	12.721	196	77572	28.288 ng/ul	93
43)	1,1'-Biphenyl	13.051	154	275685	27.985 ng/ul	97
44)	2-Chloronaphthalene	13.092	162	217652	27.194 ng/ul	99
45)	2-Nitroaniline	13.327	65	67313	30.468 ng/ul	91
47)	Dimethylphthalate	13.704	163	279598	27.539 ng/ul	99
48)	2,6-Dinitrotoluene	13.833	165	54781	27.528 ng/ul#	80
50)	Acenaphthylene	13.945	152	352112	26.272 ng/ul	99
51)	3-Nitroaniline	14.168	138	55907	25.756 ng/ul	97
52)	Acenaphthene	14.292	153	235181	26.298 ng/ul	99
53)	2,4-Dinitrophenol	14.386	184	27116	22.919 ng/ul	92
55)	4-Nitrophenol	14.480	109	46988	26.355 ng/ul	85
56)	Dibenzofuran	14.633	168	317920	25.979 ng/ul	98
57)	2,4-Dinitrotoluene	14.627	165	78728	26.430 ng/ul#	83
58)	2,3,4,6-Tetrachlorophenol	14.862	232	64593	27.522 ng/ul	96
59)	Diethylphthalate	15.080	149	290970	28.092 ng/ul	99
61)	Fluorene	15.286	166	262258	25.426 ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.286	204	121567	25.145 ng/ul	95
63)	4-Nitroaniline	15.339	138	54379m	27.555 ng/ul	
66)	4,6-Dinitro-2-methylph...	15.392	198	44979	26.434 ng/ul	98
67)	N-Nitrosodiphenylamine	15.509	169	223135	30.867 ng/ul	100
68)	4-Bromophenyl-phenylether	16.186	248	78063	29.911 ng/ul	98
69)	Hexachlorobenzene	16.280	284	97675	28.771 ng/ul	92
70)	Atrazine	16.480	200	76306	28.696 ng/ul	99
71)	Pentachlorophenol	16.639	266	55123	26.730 ng/ul	96
72)	Phenanthrene	17.033	178	411370	28.527 ng/ul	99
74)	Anthracene	17.121	178	412622	27.972 ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.010	216	106841	31.633 ng/uL	97
76)	Pentachlorobenzene	14.539	250	106566	29.655 ng/uL	97
77)	Carbazole	17.409	167	386477	27.171 ng/ul	99
78)	Di-n-butylphthalate	17.974	149	514303	32.062 ng/ul	99
80)	Fluoranthene	19.056	202	475675	31.677 ng/ul	99
82)	Pyrene	19.427	202	507572	31.322 ng/ul	99
83)	Butylbenzylphthalate	20.350	149	234896	34.598 ng/ul	95
84)	3,3'-Dichlorobenzidine	21.133	252	160534	27.923 ng/ul	98
85)	Benzo(a)anthracene	21.186	228	492998	28.100 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.133	149	352589	33.223 ng/ul	96
87)	Chrysene	21.238	228	477468	29.194 ng/ul	98
89)	Di-n-octyl phthalate	22.003	149	615988	29.010 ng/ul	100
90)	Benzo(b)fluoranthene	22.738	252	555857	28.260 ng/ul	99
91)	Benzo(k)fluoranthene	22.785	252	563221	28.448 ng/ul	99
93)	Benzo(a)pyrene	23.303	252	490655	25.631 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.597	276	752083	30.329 ng/ul	98
95)	Dibenzo(a,h)anthracene	25.609	278	615542	29.690 ng/ul	97
96)	Benzo(g,h,i)perylene	26.268	276	601675	30.756 ng/ul	98

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

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