Quantitation Report (Qedit)

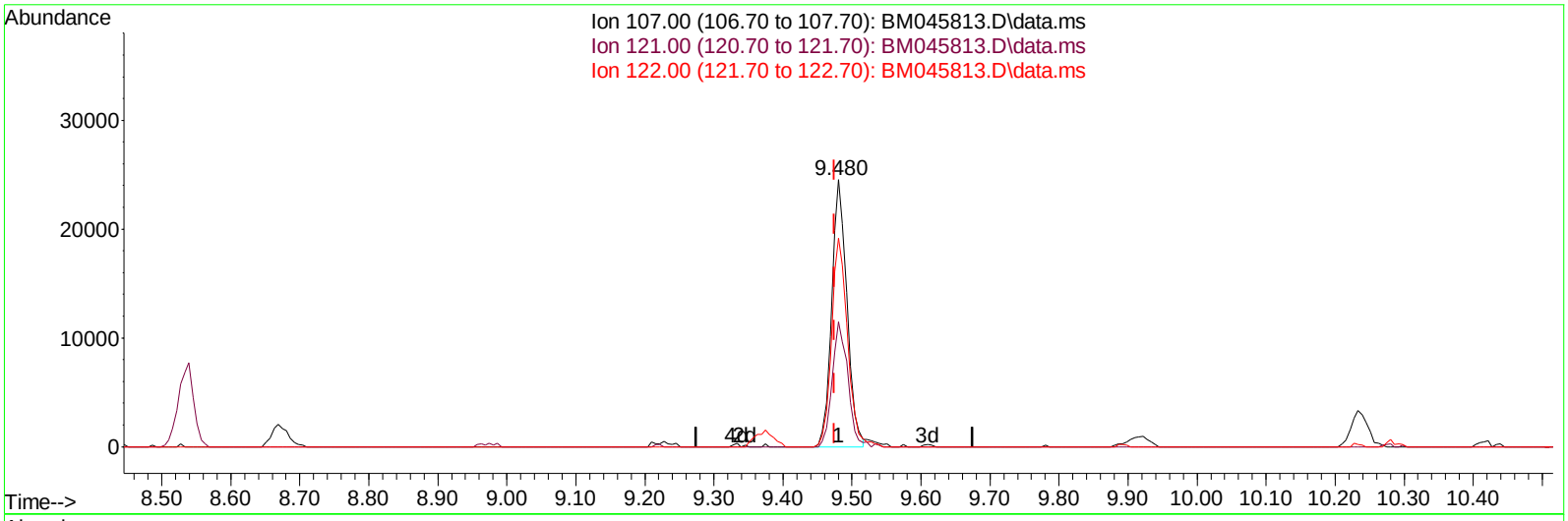
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

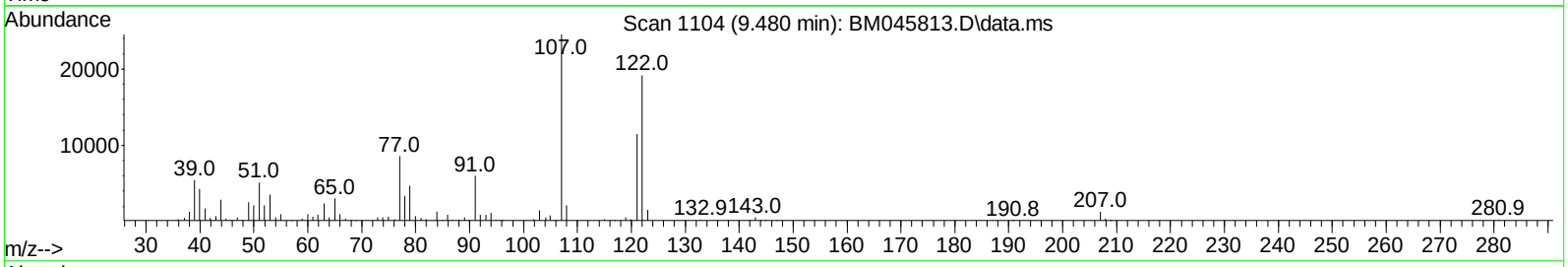
Quant Time: Jun 04 13:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

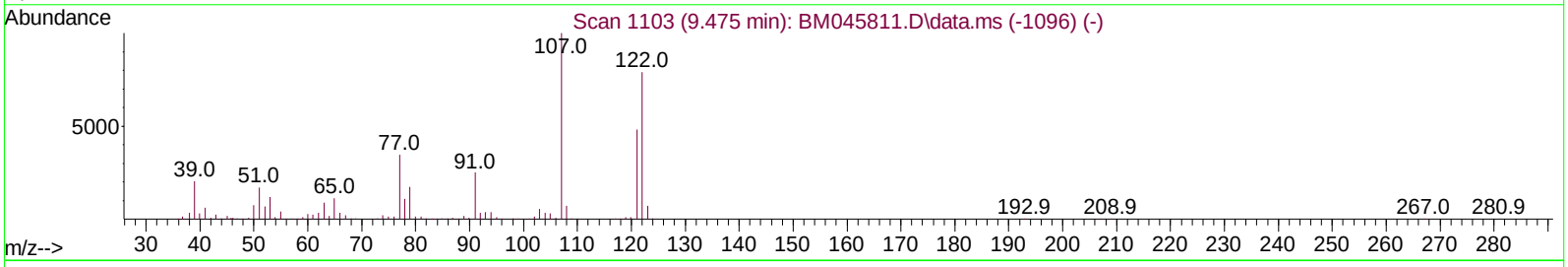
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(26) 2,4-Dimethylphenol

9.480min (+ 0.006) 2.07 ng/ul

response 37849

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.70	46.75
122.00	78.90	78.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
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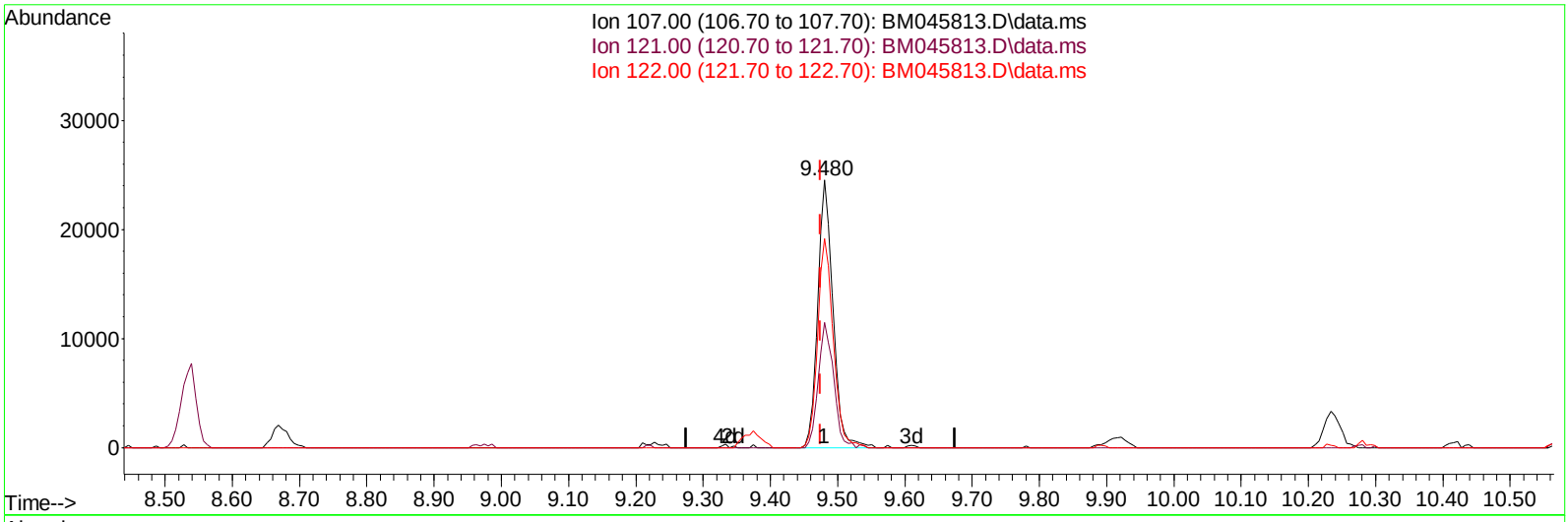
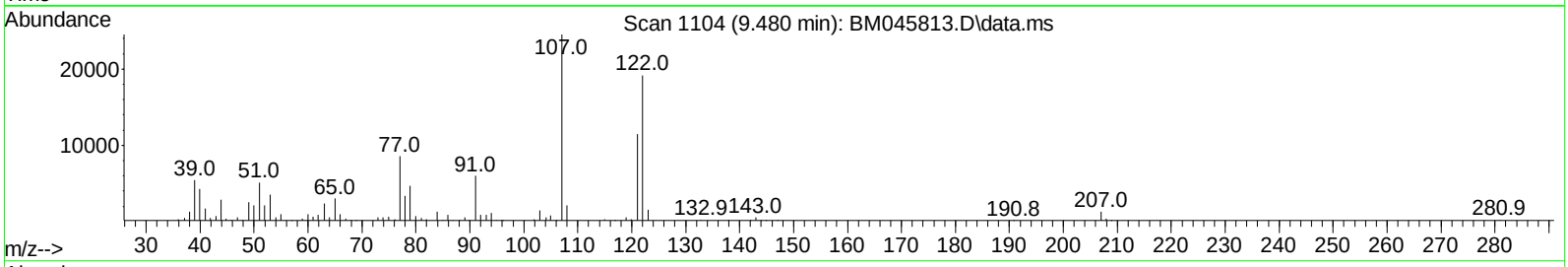
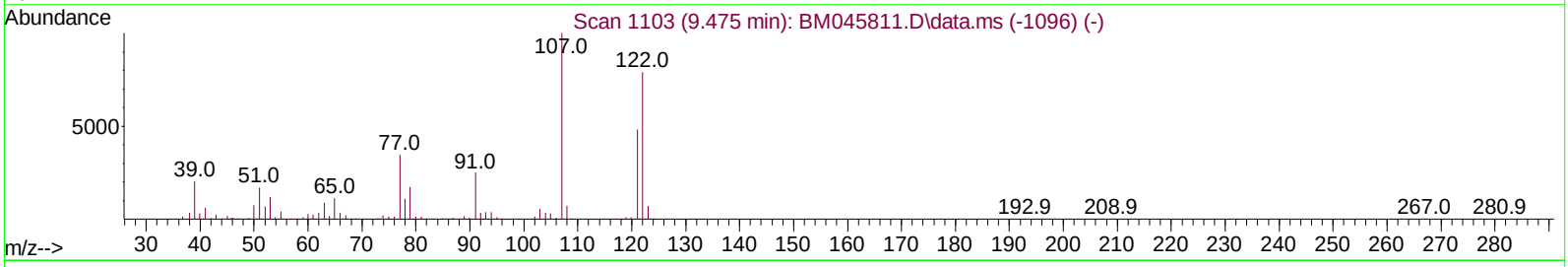
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(26) 2,4-Dimethylphenol

9.480min (+ 0.006) 2.12 ng/ul m

response 38700

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.70	46.75
122.00	78.90	78.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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Acq On : 04 Jun 2024 12:29
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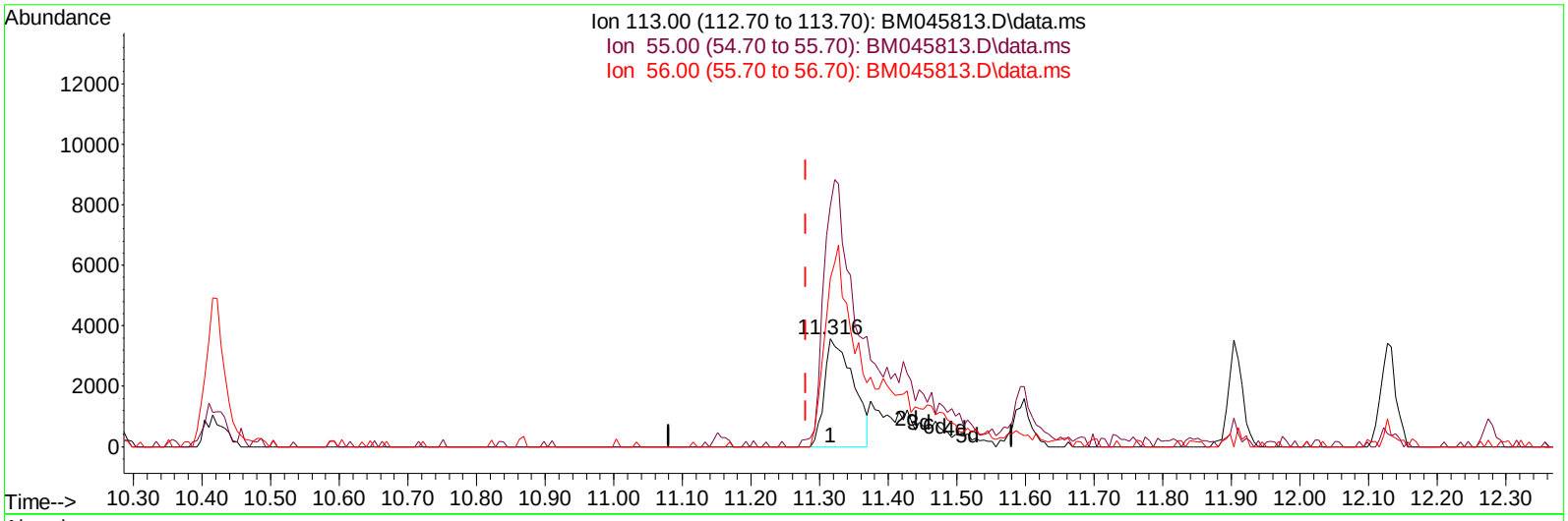
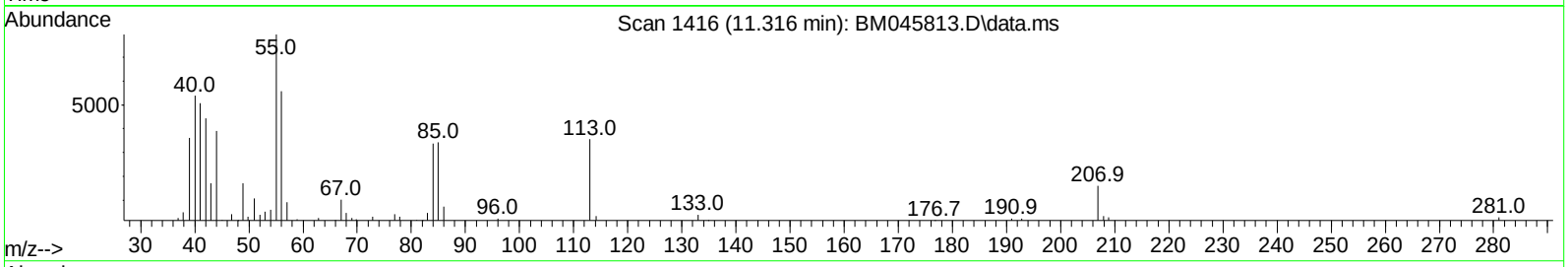
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

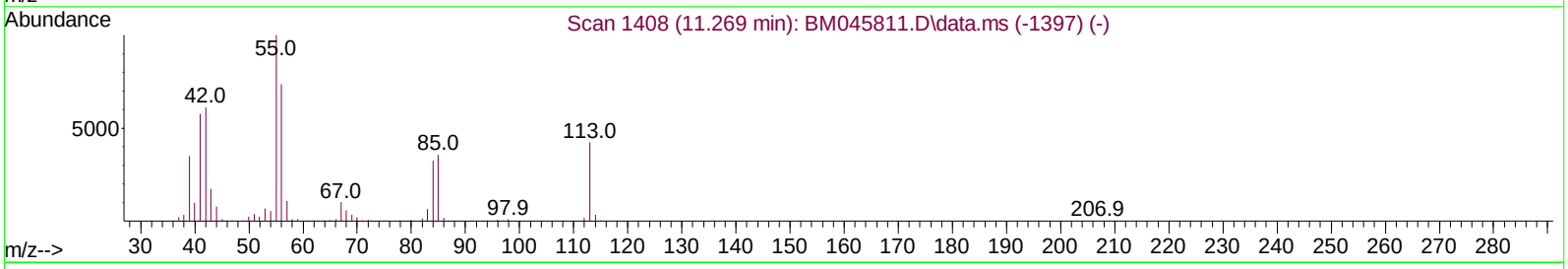
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(34) Caprolactam

11.316min (+ 0.035) 2.39 ng/ul

response 10373

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	223.27
56.00	162.60	156.46
0.00	0.00	0.00

Quantitation Report (Qedit)

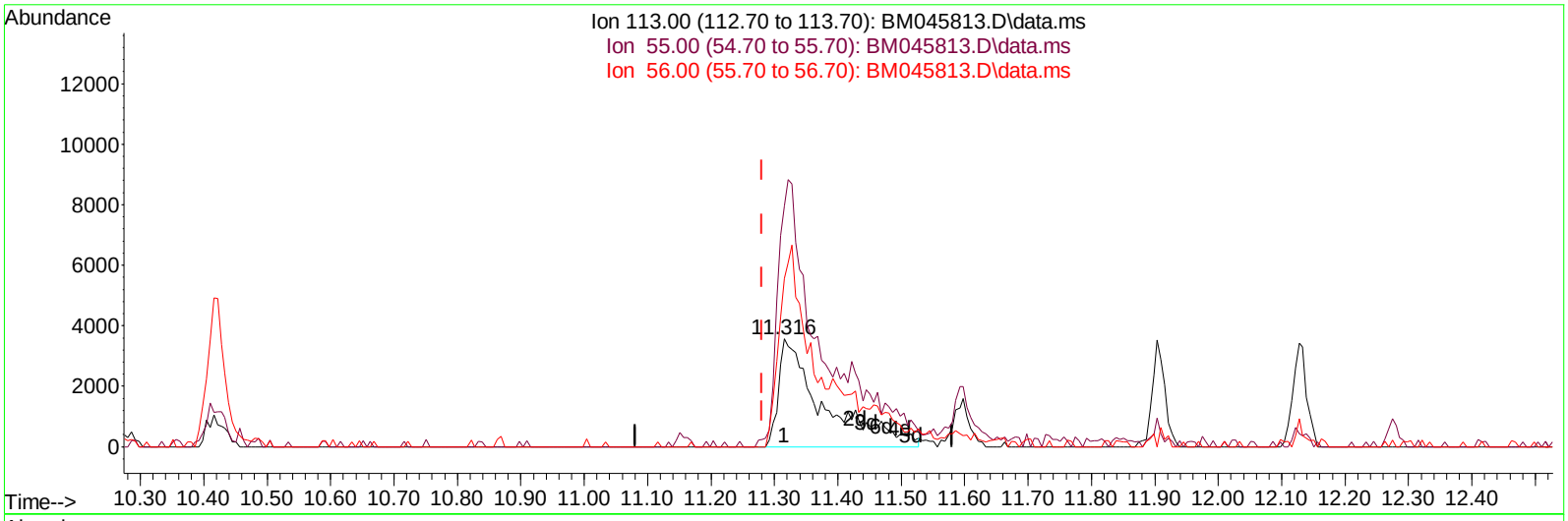
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

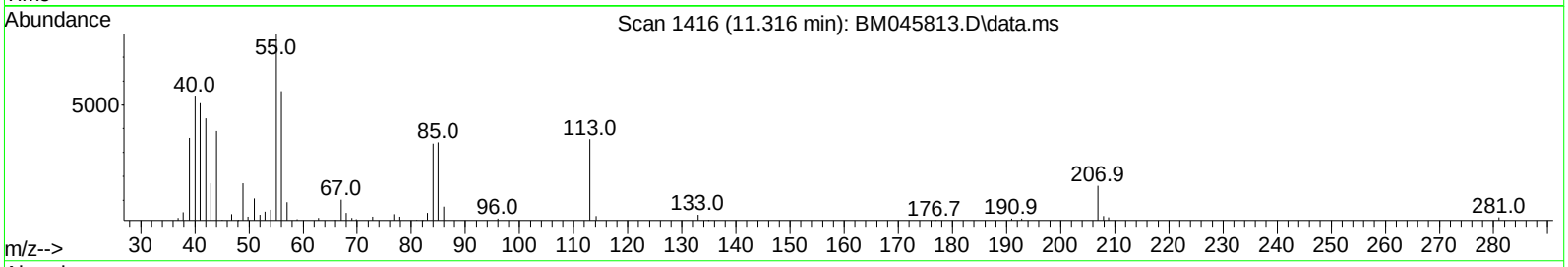
Quant Time: Jun 04 13:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

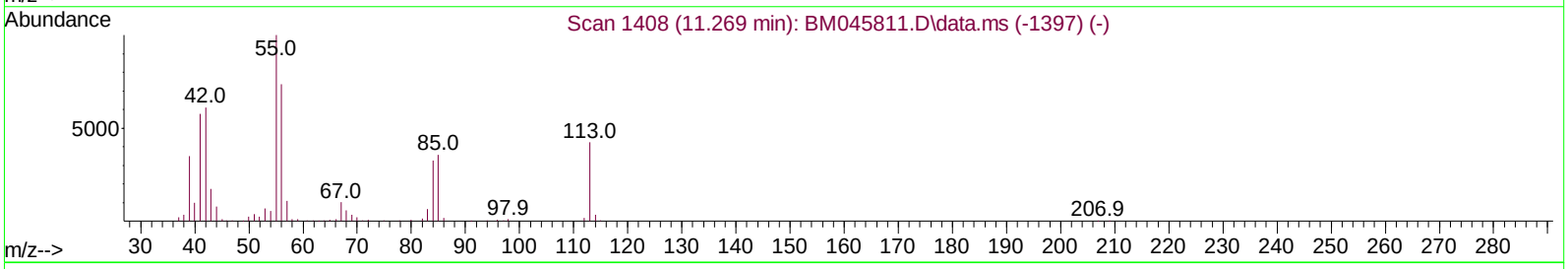
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(34) Caprolactam

11.316min (+ 0.035) 4.02 ng/ul m

response 17444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	223.27
56.00	162.60	156.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 13:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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QLast Update : Fri May 31 13:01:11 2024
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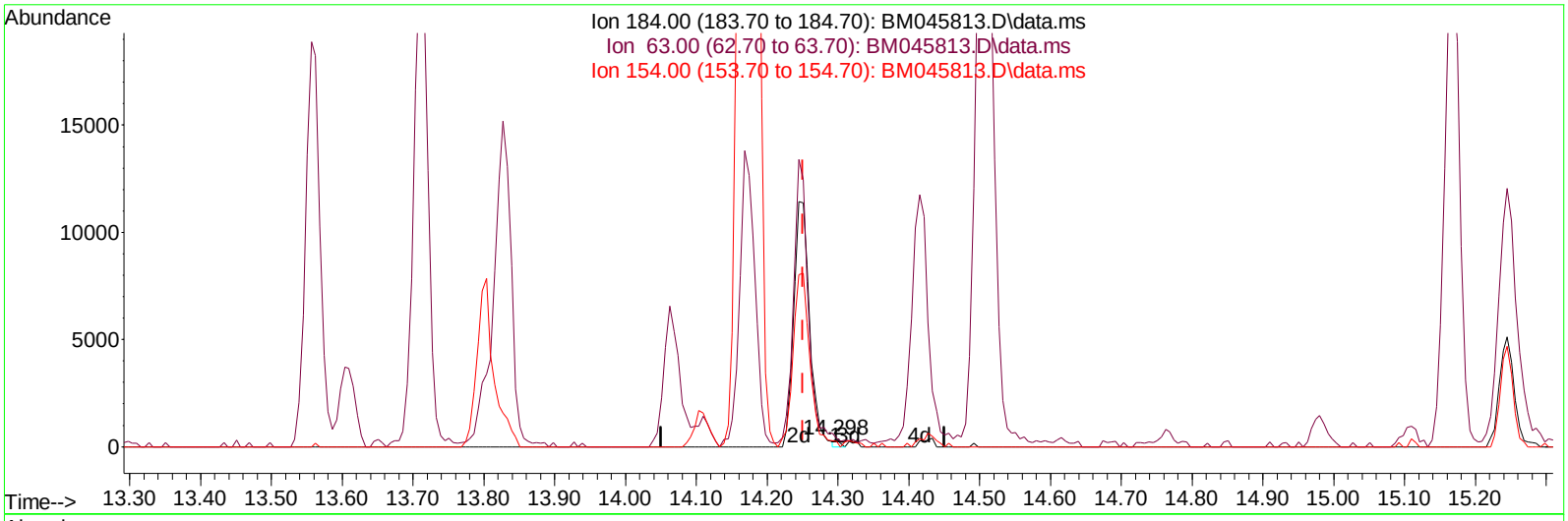
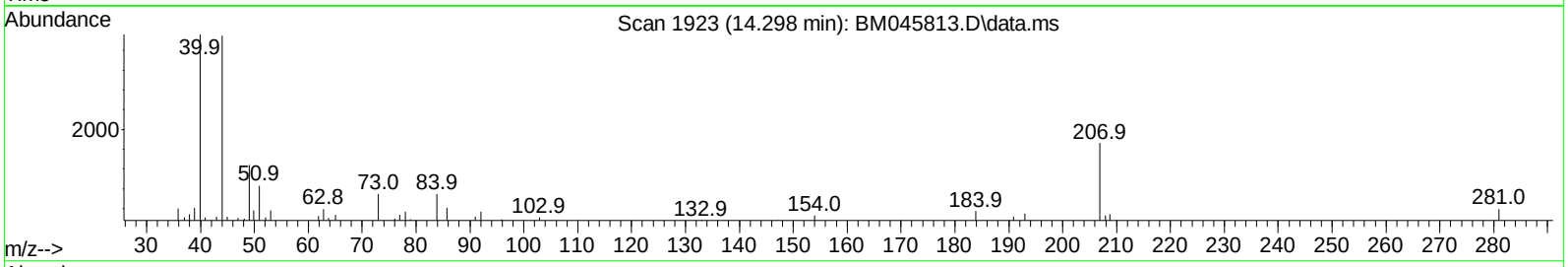
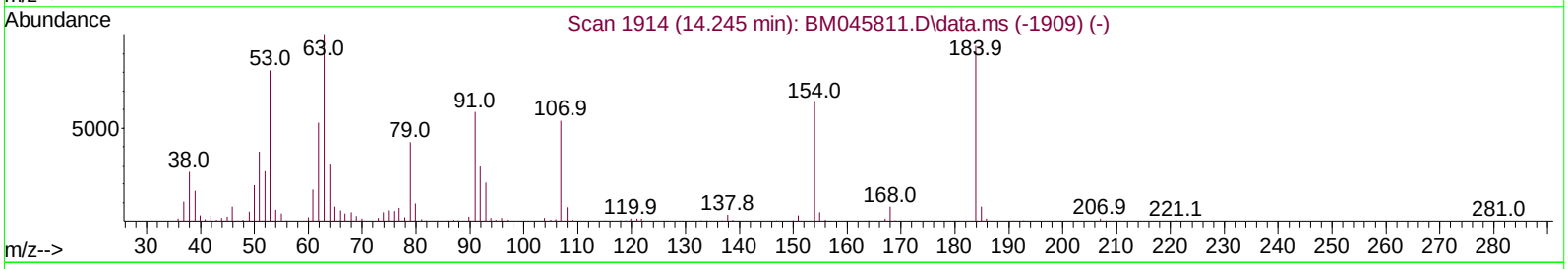
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(53) 2,4-Dinitrophenol

14.298min (+ 0.047) 0.05 ng/ul

response 177

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	95.50	112.93
154.00	66.10	73.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

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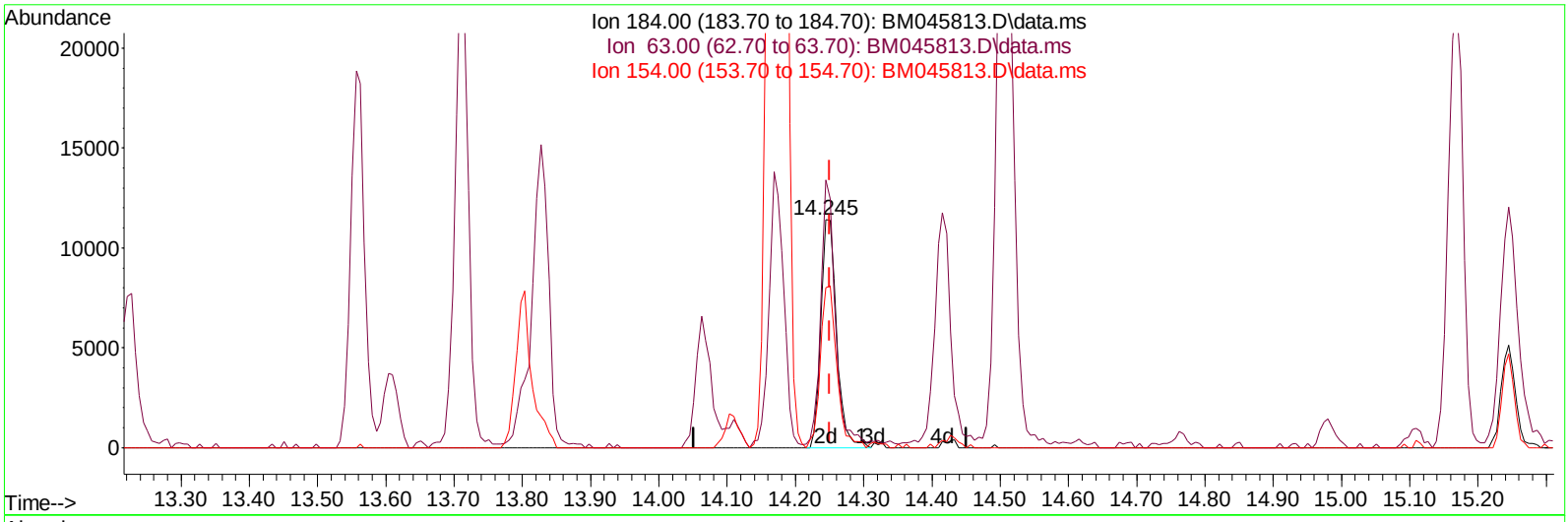
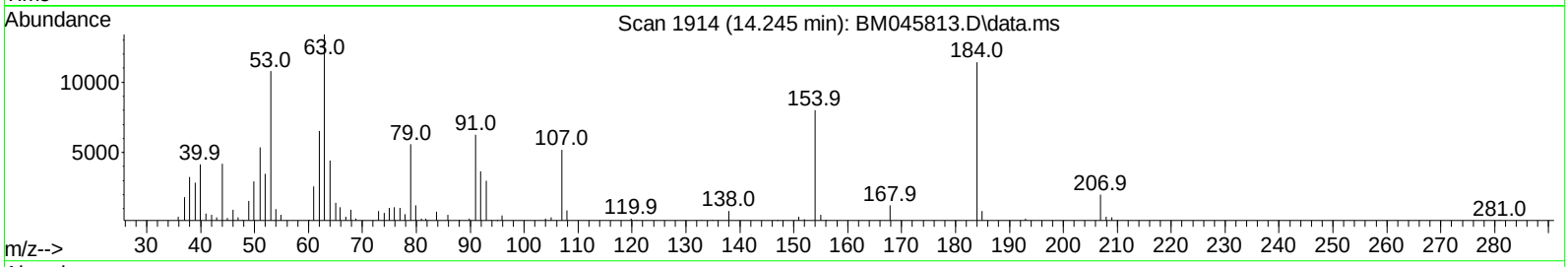
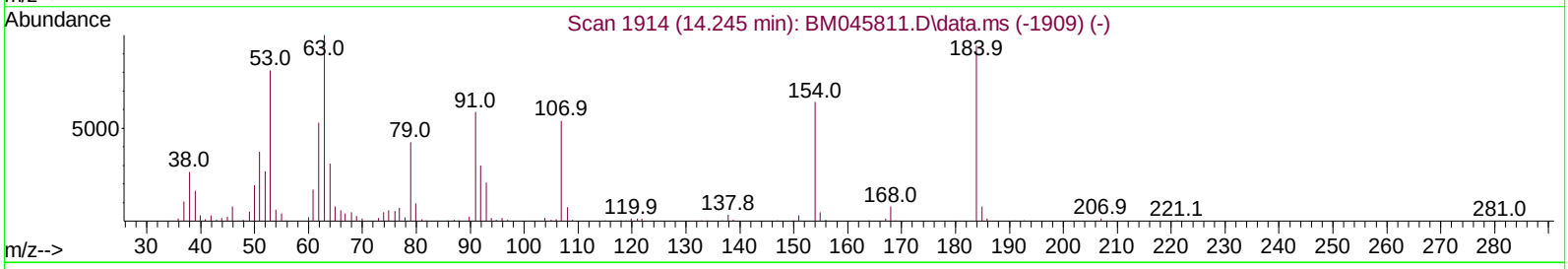
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045813.D\data.ms

(53) 2,4-Dinitrophenol

14.245min (-0.006) 4.76 ng/ul m

response 18222

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	95.50	117.18#
154.00	66.10	70.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 13:32:45 2024
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MDL-WATER-QT2-2024-04

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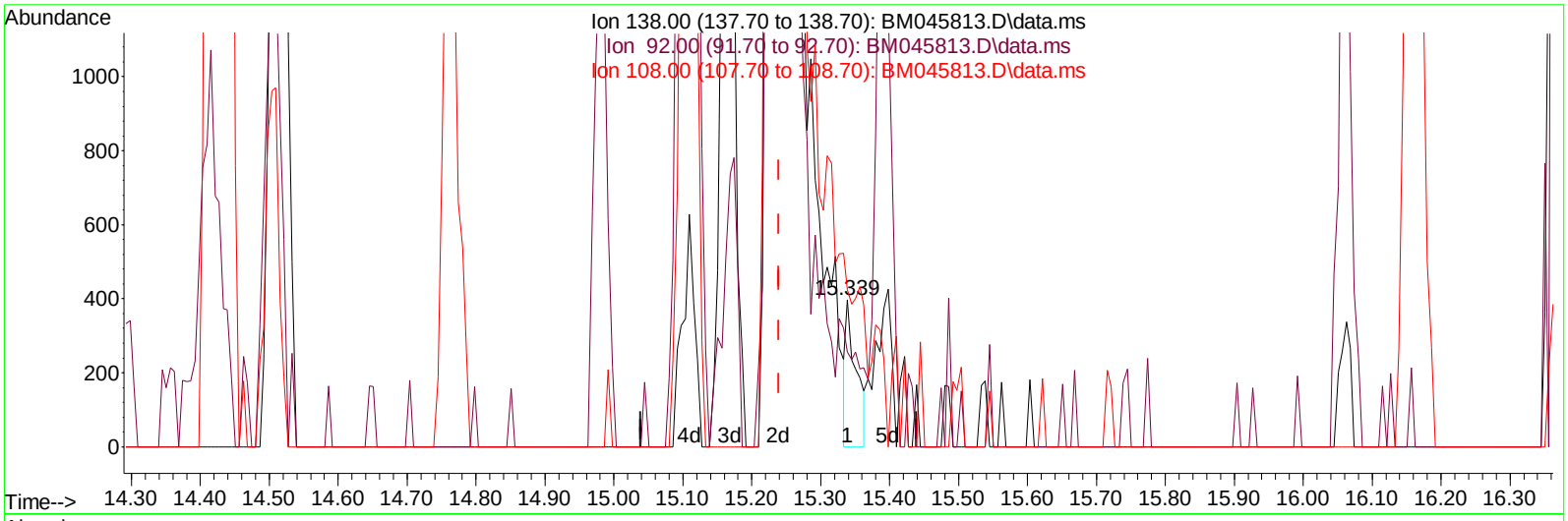

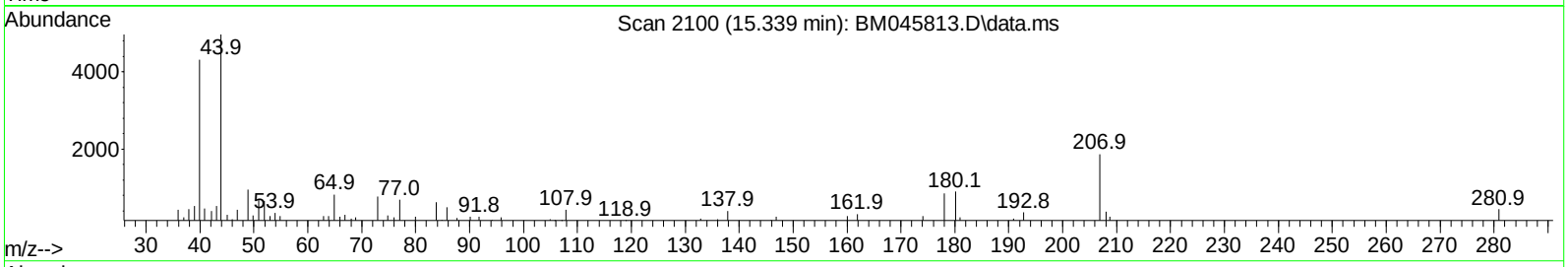

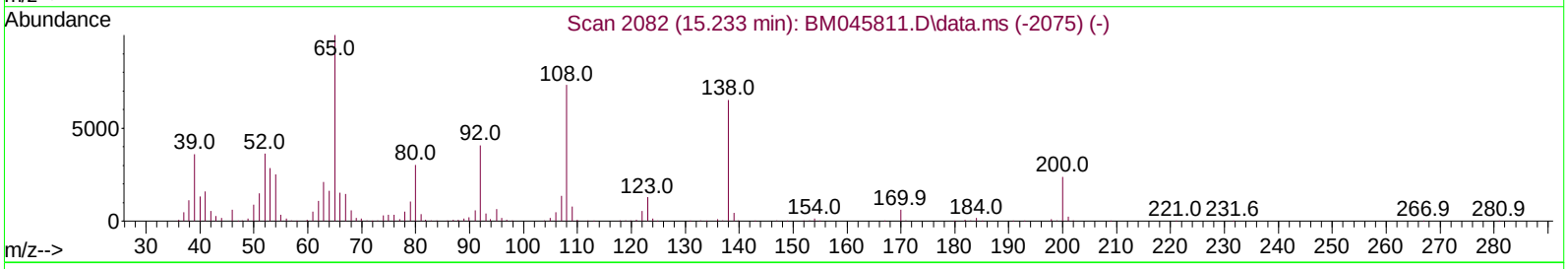

TIC: BM045813.D\data.ms

(63) 4-Nitroaniline

15.339min (+ 0.100) 0.06 ng/ul

response 416

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.00	64.57
108.00	121.70	106.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 13:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
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BNA_M
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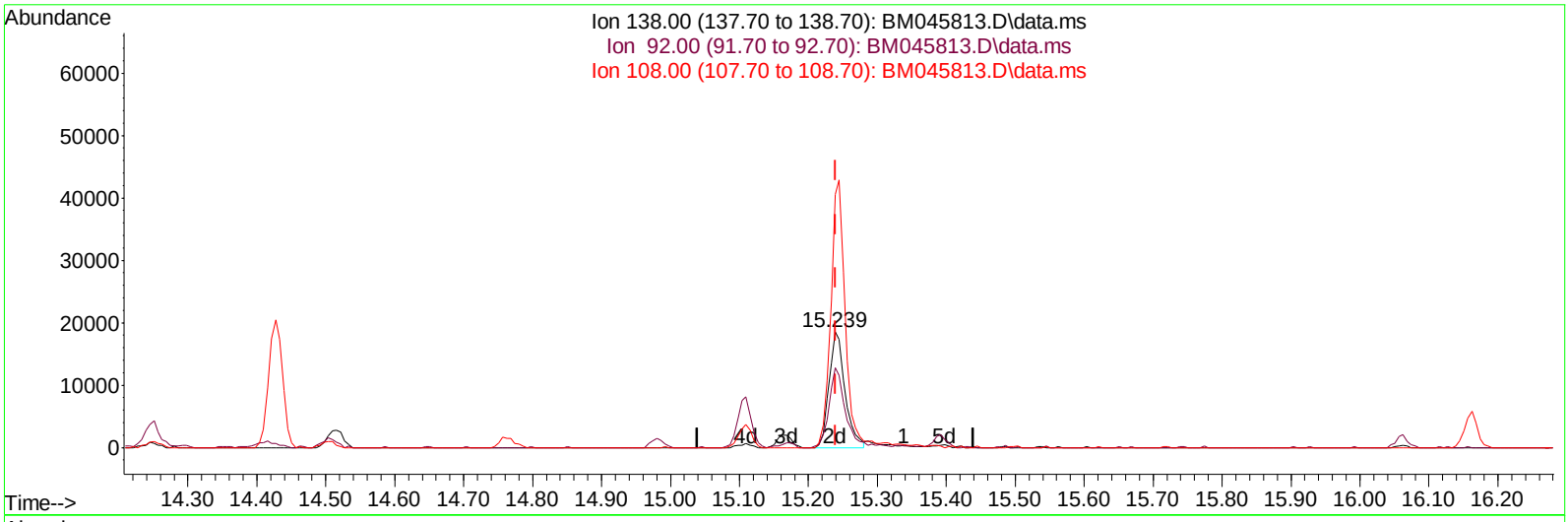

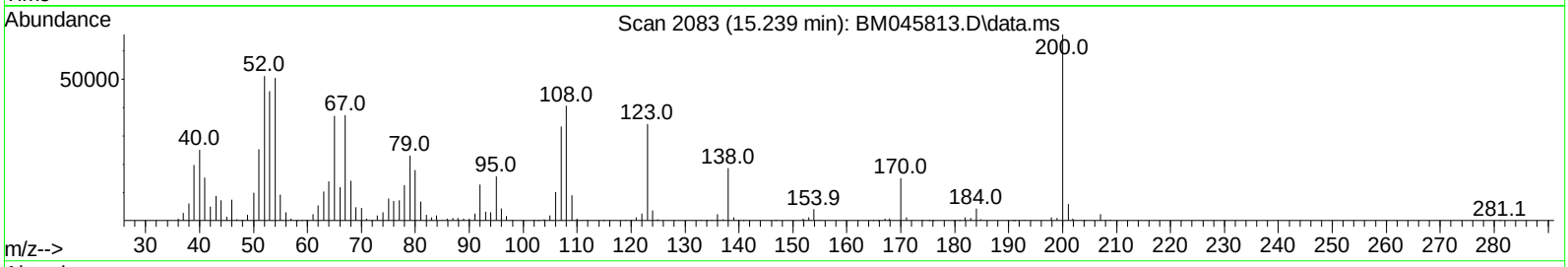

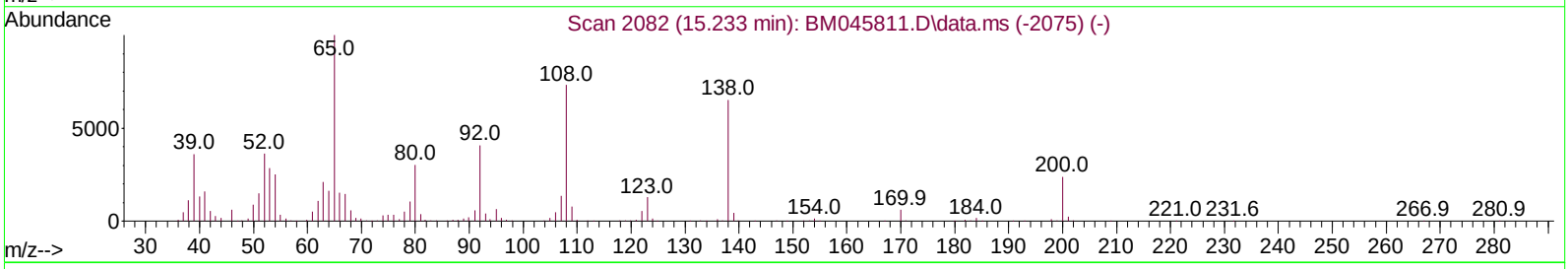

TIC: BM045813.D\data.ms

(63) 4-Nitroaniline

15.239min (-0.000) 4.69 ng/ul m

response 30077

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.00	68.62
108.00	121.70	218.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 04 Jun 2024 12:29
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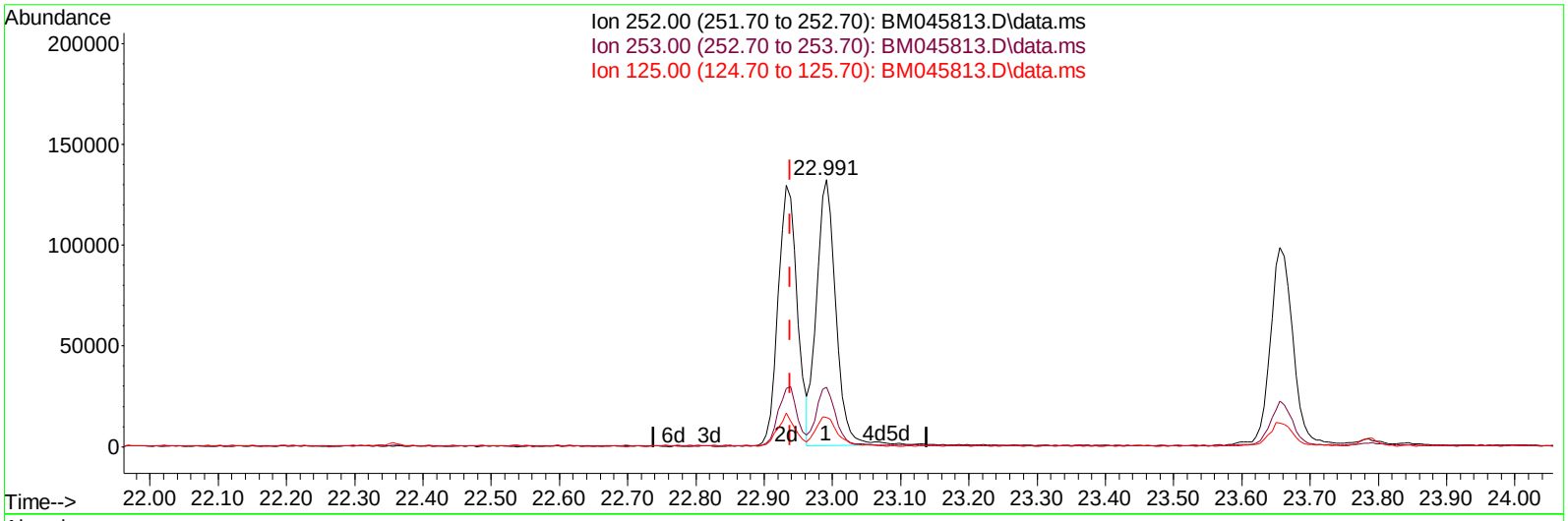

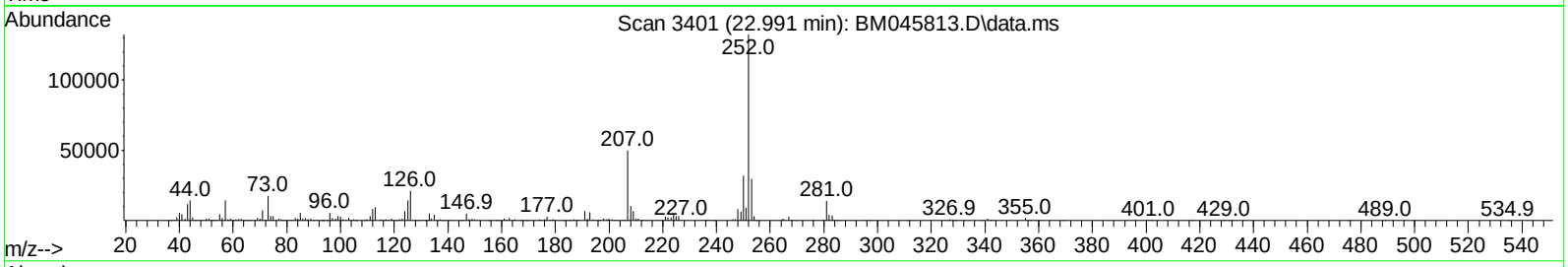

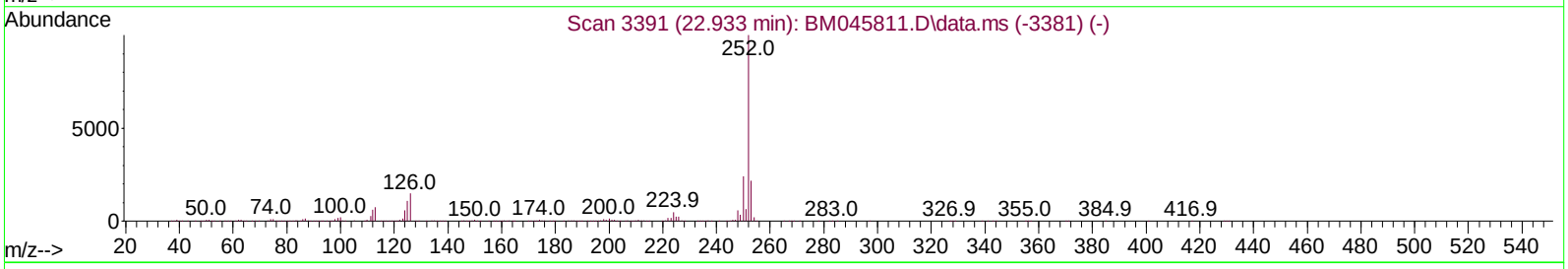

TIC: BM045813.D\data.ms

(90) Benzo(b)fluoranthene

22.991min (+ 0.053) 4.55 ng/ul

response 255292

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.42
125.00	10.50	10.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

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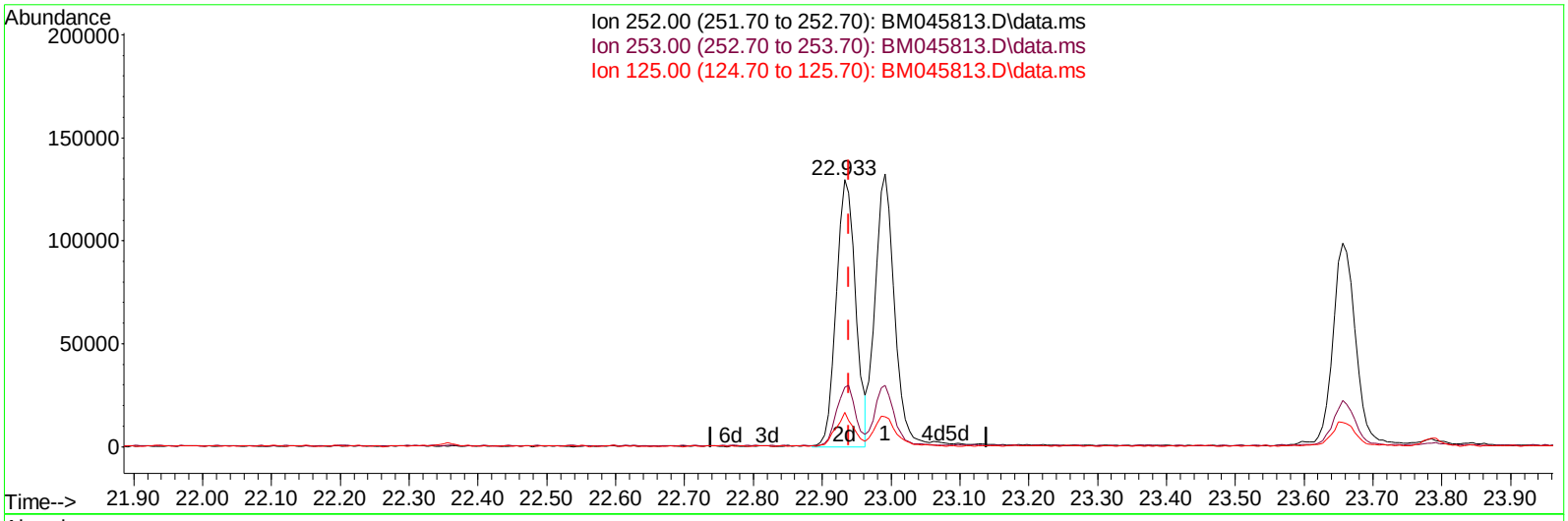

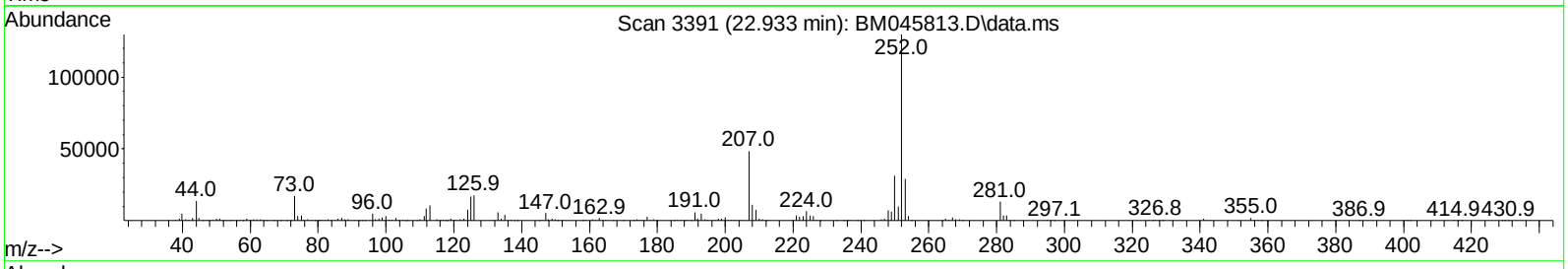

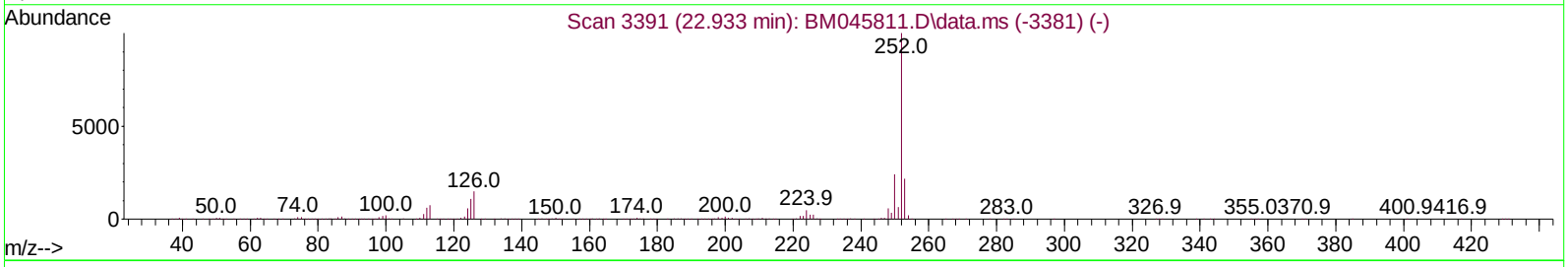

TIC: BM045813.D\data.ms

(90) Benzo(b)fluoranthene

22.933min (-0.006) 4.52 ng/ul m

response 253192

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.34
125.00	10.50	12.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 13:35:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	254345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1041594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	622219	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.856	188	1189653	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	905193	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	912237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	32811	5.002	ng/uL	0.00
4) Pyridine-d5	3.463	84	380529	22.528	ng/ul	0.00
7) Phenol-d5	6.716	99	543490	25.153	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	399833	25.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	404794	25.080	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	380988	23.339	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	205791	25.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	200694	24.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	362622	23.461	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	495526	23.165	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1059171	24.588	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1228148	24.553	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	164352	17.679	ng/ul	0.00
60) Fluorene-d10	15.109	176	907391	24.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	114528	18.853	ng/ul	0.00
73) Anthracene-d10	16.951	188	1135324	21.953	ng/ul	0.00
81) Pyrene-d10	19.250	212	1368628	24.313	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1056466	24.779	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	7325	1.009	ng/uL#	90
5) Pyridine	3.487	79	72441	4.176	ng/ul#	29
6) Benzaldehyde	6.639	77	69373	6.826	ng/ul	97
8) Phenol	6.745	94	104669	4.671	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.922	93	89088	4.763	ng/ul	99
12) 2-Chlorophenol	7.057	128	81468	4.791	ng/ul	98
13) 2-Methylphenol	7.969	108	67031	4.085	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.010	45	185399	5.033	ng/ul	97
16) Acetophenone	8.310	105	130492	4.796	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.298	70	74480	4.954	ng/ul#	97
18) 4-Methylphenol	8.298	108	77345	4.555	ng/ul	93
19) Hexachloroethane	8.533	117	38477	4.711	ng/ul	89
22) Nitrobenzene	8.669	77	115060	5.048	ng/ul	96
23) Isophorone	9.222	82	181194	4.499	ng/ul	98
25) 2-Nitrophenol	9.375	139	41888	4.649	ng/ul	100
26) 2,4-Dimethylphenol	9.480	107	38700m	2.117	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.698	93	110575	4.522	ng/ul	99
29) 2,4-Dichlorophenol	9.916	162	68944	4.477	ng/ul	90
30) Naphthalene	10.280	128	263899	4.751	ng/ul	99
32) 4-Chloroaniline	10.439	127	94382	4.514	ng/ul	98
33) Hexachlorobutadiene	10.580	225	48145	4.564	ng/ul	97
34) Caprolactam	11.316	113	17444m	4.022	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	70769	4.236	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045813.D
Acq On : 04 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-WATER-MDL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 13:35:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.904	142	171860	4.672	ng/ul	97
37) 1-Methylnaphthalene	12.127	142	175977	4.785	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.280	216	84960	4.559	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	35774	3.163	ng/ul#	89
41) 2,4,6-Trichlorophenol	12.551	196	42222	3.894	ng/ul	94
42) 2,4,5-Trichlorophenol	12.633	196	48490	4.121	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	220252	4.771	ng/ul	97
44) 2-Chloronaphthalene	12.974	162	170828	4.722	ng/ul	99
45) 2-Nitroaniline	13.221	65	52154	4.222	ng/ul	99
47) Dimethylphthalate	13.610	163	206086	4.712	ng/ul	100
48) 2,6-Dinitrotoluene	13.715	165	32408	3.851	ng/ul#	79
50) Acenaphthylene	13.827	152	273508	4.724	ng/ul	98
51) 3-Nitroaniline	14.068	138	30197	3.908	ng/ul	100
52) Acenaphthene	14.174	153	184503	4.776	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	18222m	4.756	ng/ul	
55) 4-Nitrophenol	14.415	109	37148	4.843	ng/ul	88
56) Dibenzofuran	14.515	168	249303	4.785	ng/ul	97
57) 2,4-Dinitrotoluene	14.504	165	48929	4.203	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.762	232	35983	4.048	ng/ul	96
59) Diethylphthalate	14.980	149	200911	4.587	ng/ul	98
61) Fluorene	15.162	166	199825	4.760	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.174	204	99205	4.761	ng/ul	98
63) 4-Nitroaniline	15.239	138	30077m	4.688	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.257	198	27185	4.077	ng/ul#	61
67) N-Nitrosodiphenylamine	15.392	169	151176	4.484	ng/ul	98
68) 4-Bromophenyl-phenylether	16.062	248	55146	4.446	ng/ul	98
69) Hexachlorobenzene	16.162	284	63945	4.662	ng/ul	95
70) Atrazine	16.368	200	51924	5.081	ng/ul	96
71) Pentachlorophenol	16.533	266	47737	6.859	ng/ul	97
72) Phenanthrene	16.898	178	291915	4.657	ng/ul	99
74) Anthracene	16.986	178	261716	4.180	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	82686	4.482	ng/uL	98
76) Pentachlorobenzene	14.427	250	85013	4.926	ng/uL	99
77) Carbazole	17.280	167	236566	4.428	ng/ul	98
78) Di-n-butylphthalate	17.850	149	295199	4.202	ng/ul	99
80) Fluoranthene	18.921	202	308014	4.513	ng/ul	99
82) Pyrene	19.280	202	326505	4.657	ng/ul	98
83) Butylbenzylphthalate	20.215	149	109803	3.843	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.003	252	59988	3.355	ng/ul	98
85) Benzo(a)anthracene	21.050	228	278152	4.450	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	162722	3.833	ng/ul#	98
87) Chrysene	21.109	228	264158	4.569	ng/ul	99
89) Di-n-octyl phthalate	22.038	149	250686	3.593	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	253192m	4.516	ng/ul	
91) Benzo(k)fluoranthene	22.991	252	255504	4.666	ng/ul	97
93) Benzo(a)pyrene	23.656	252	221286	4.492	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.779	276	248277	4.615	ng/ul	96
95) Dibenzo(a,h)anthracene	26.832	278	193296	4.543	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	222897	4.704	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual IntegrationsAPPROVED

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