Quantitation Report (Qedit)

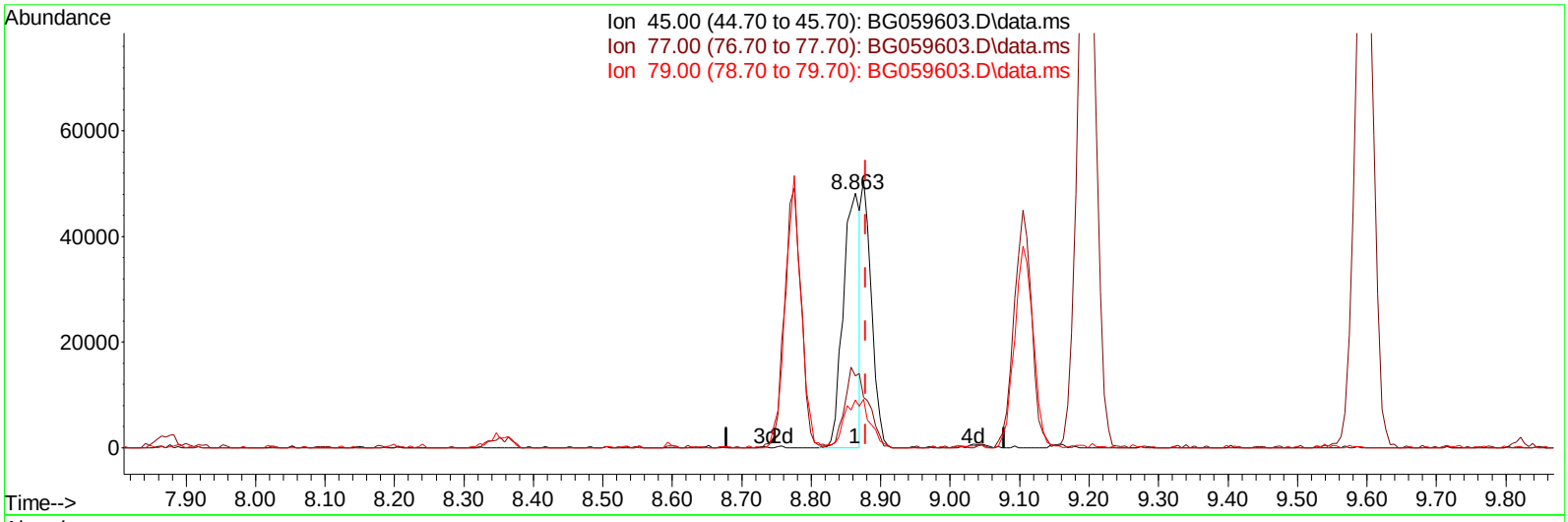
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

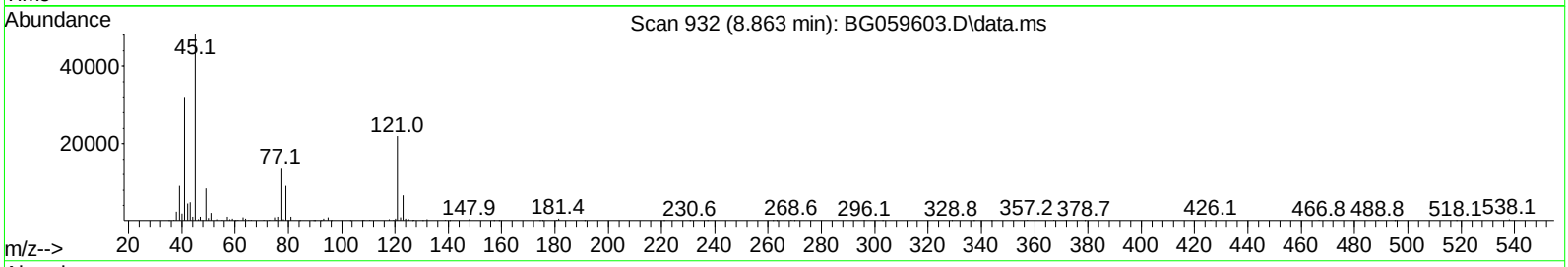
Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

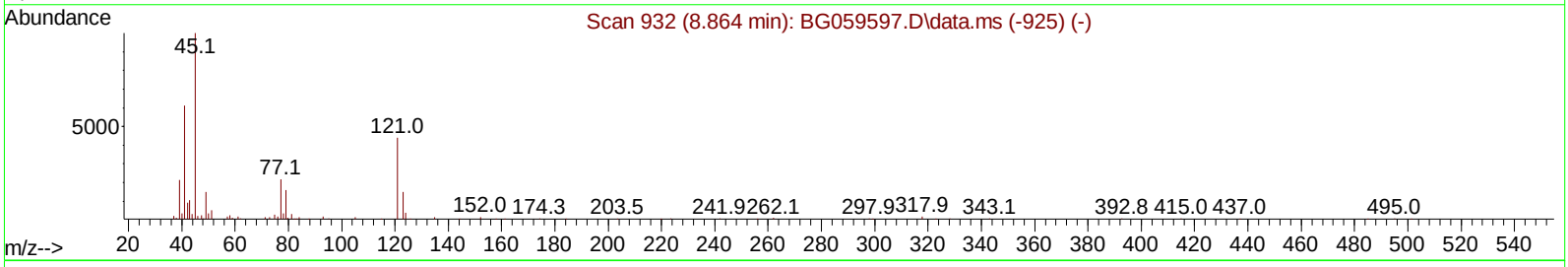
Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.863min (-0.015) 11.58 ng/ul

response 81353

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	28.12#
79.00	12.50	18.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

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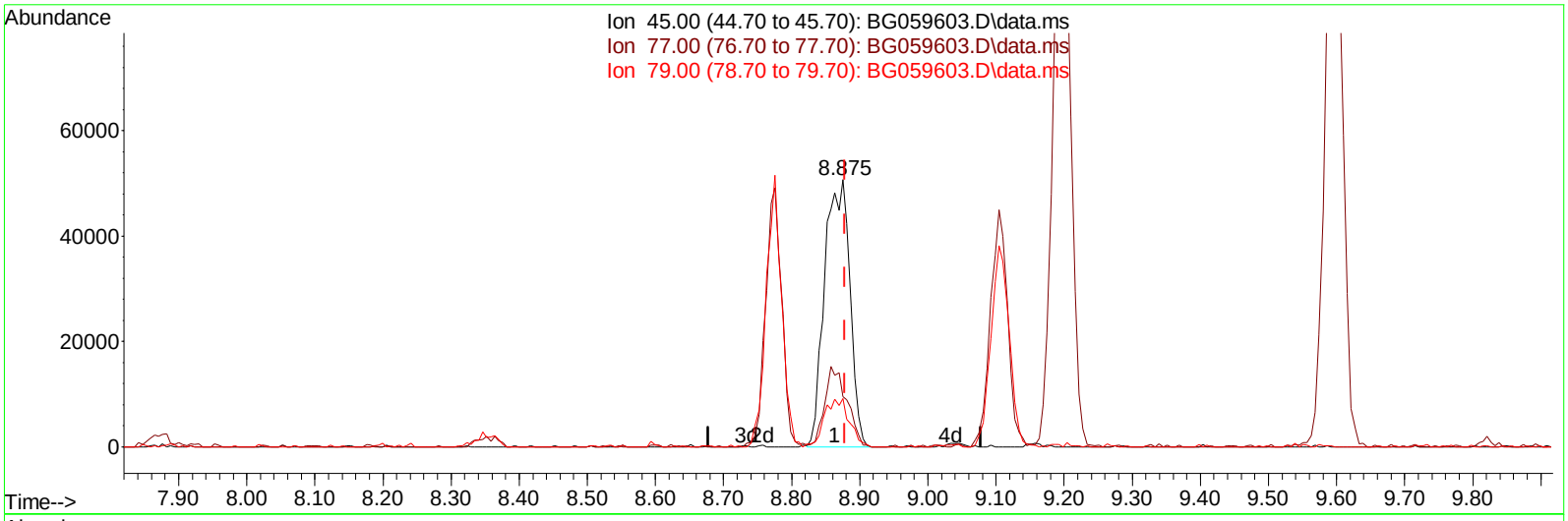

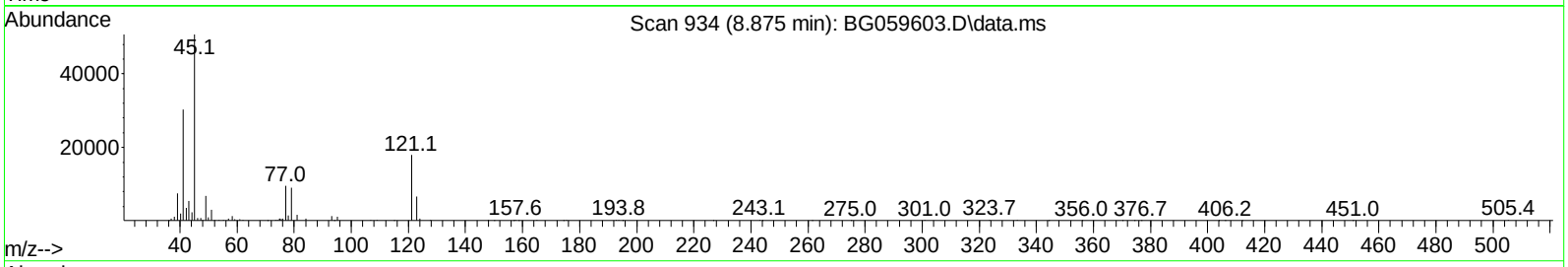

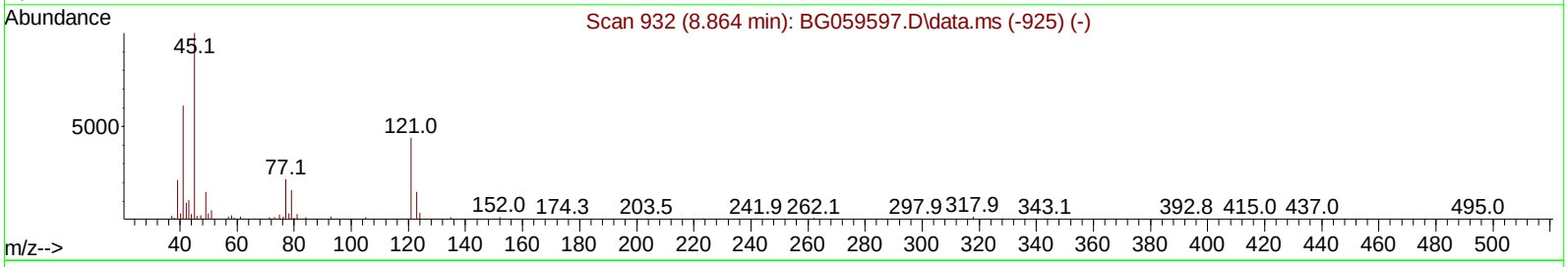

TIC: BG059603.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.875min (-0.003) 18.61 ng/ul m

response 130744

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	18.82
79.00	12.50	18.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
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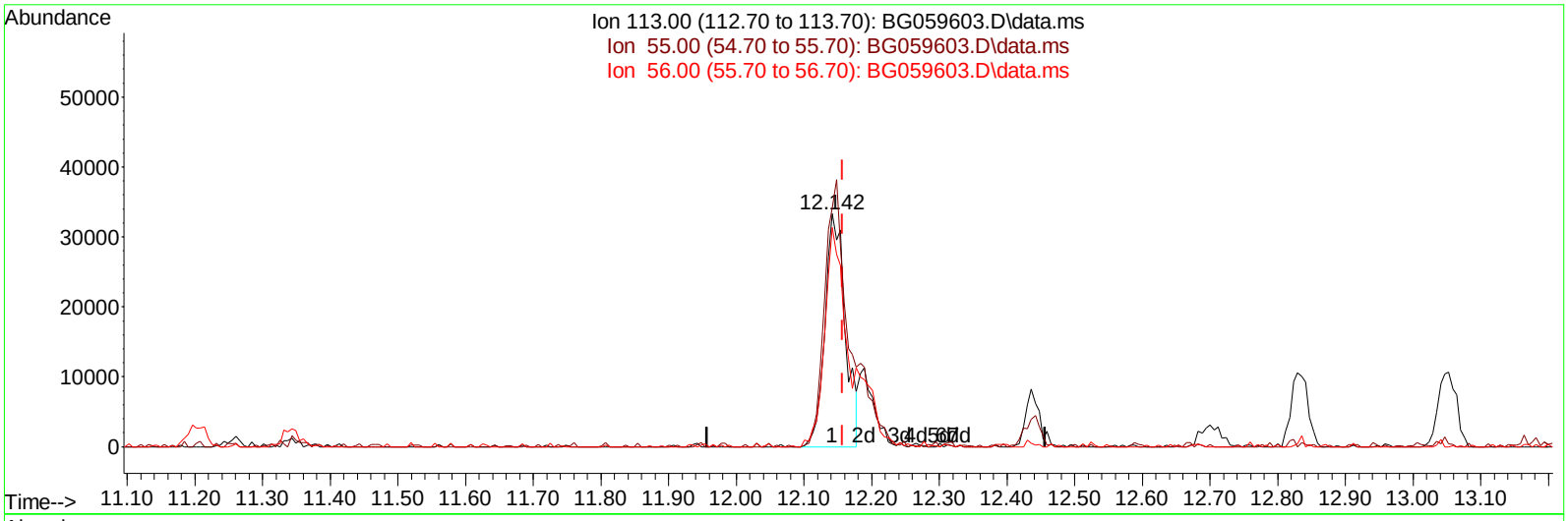
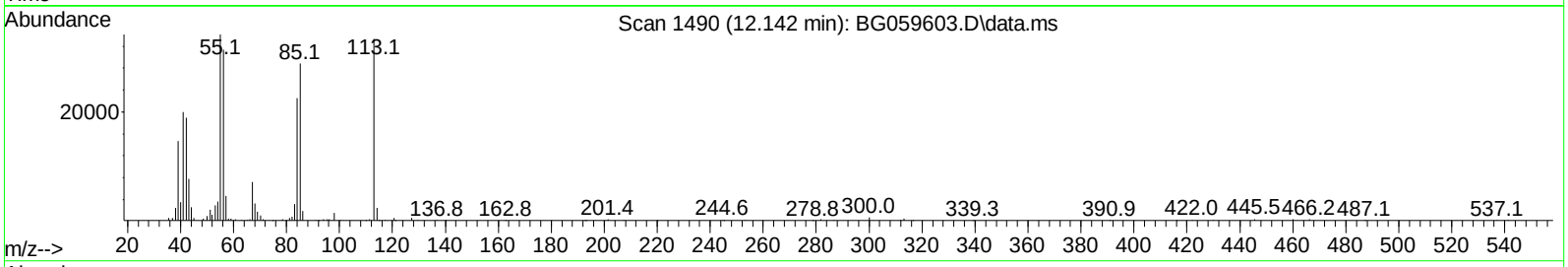
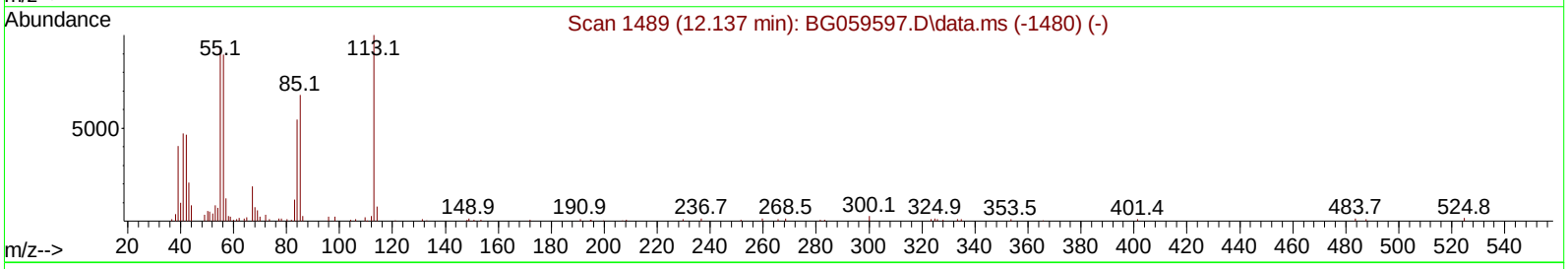






TIC: BG059603.D\data.ms

(34) Caprolactam

12.142min (-0.015) 18.70 ng/ul

response 69973

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	102.55
56.00	80.50	94.19
0.00	0.00	0.00

Quantitation Report (Qedit)

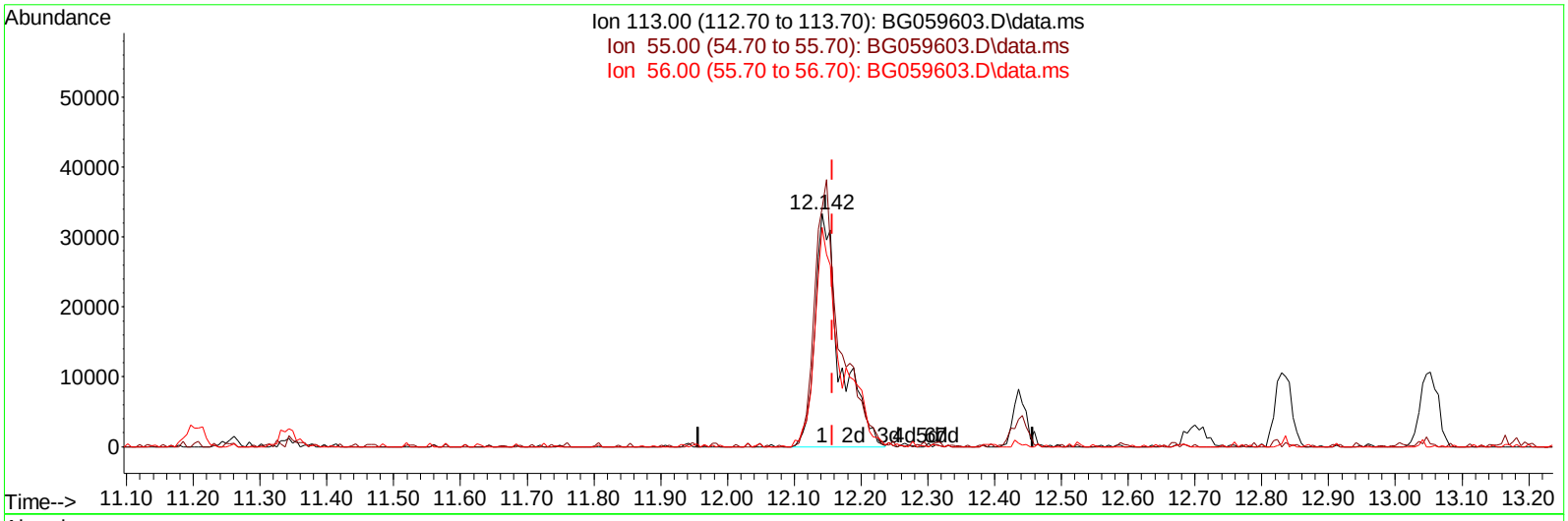
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

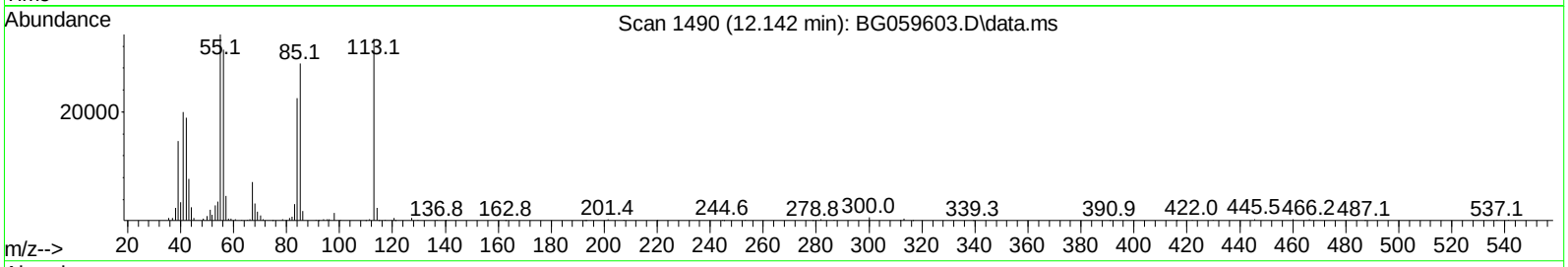
Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

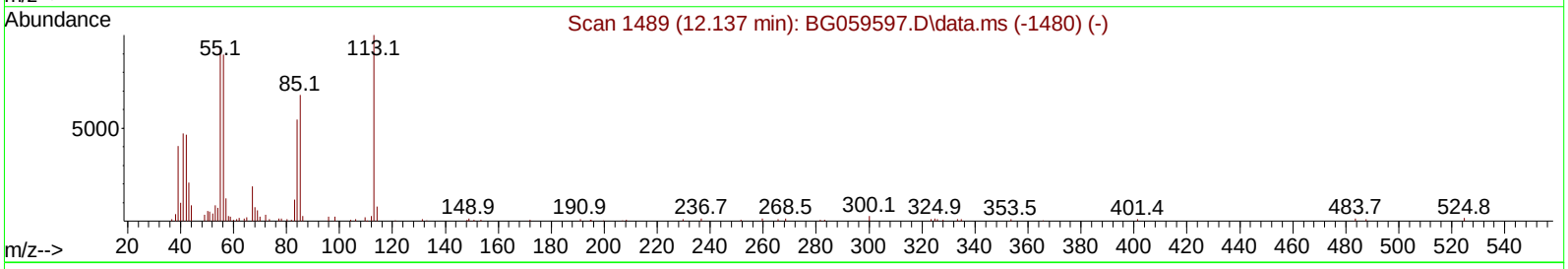
Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(34) Caprolactam

12.142min (-0.015) 23.25 ng/ul m

response 86986

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	102.55
56.00	80.50	94.19
0.00	0.00	0.00

Quantitation Report (Qedit)

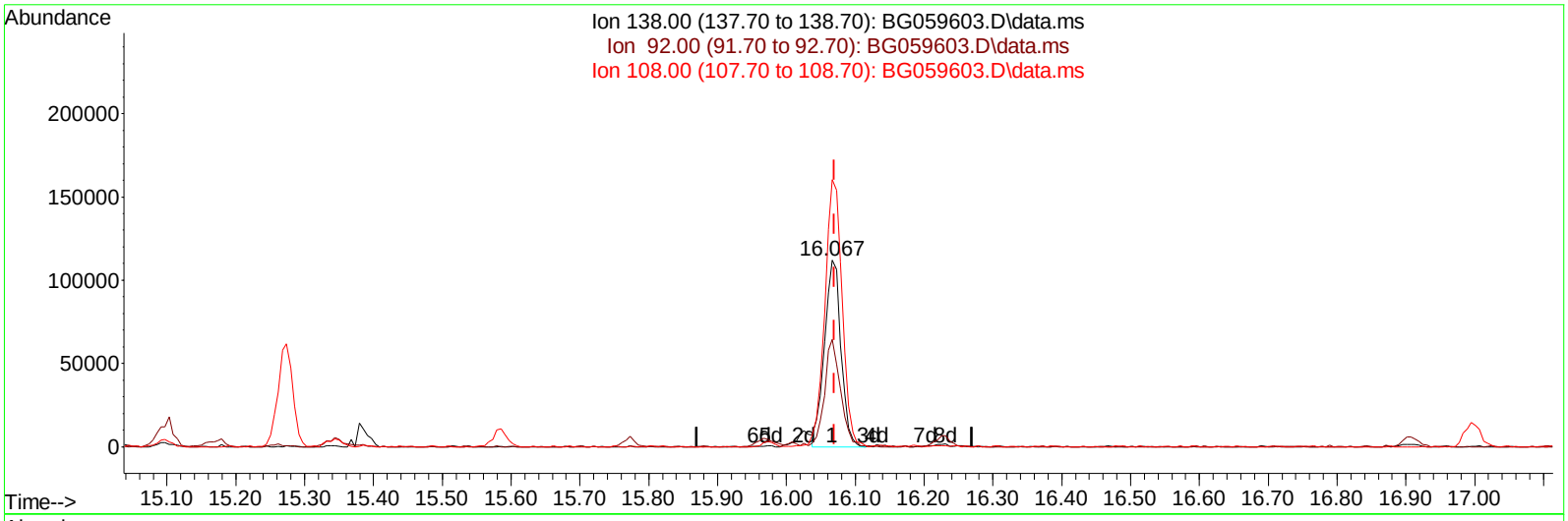
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

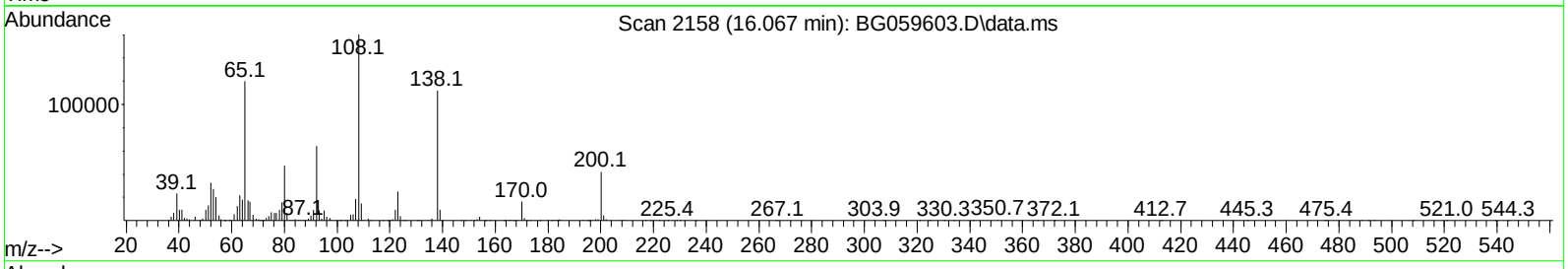
Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

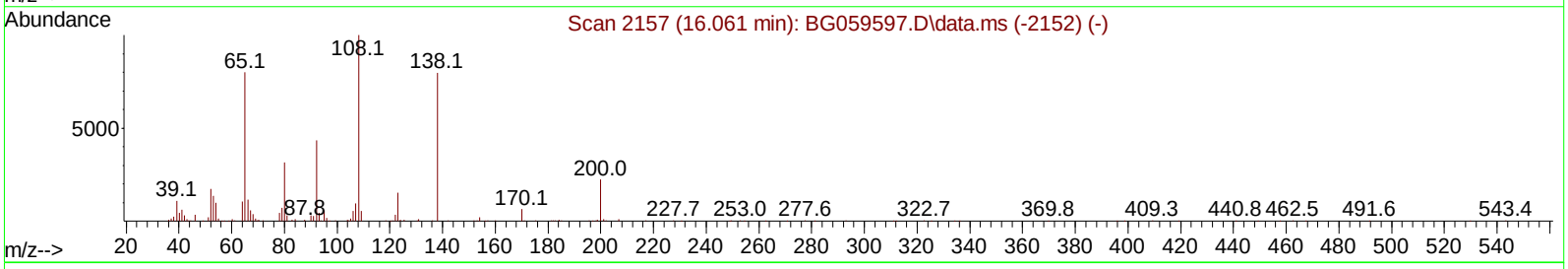
Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(63) 4-Nitroaniline

16.067min (-0.003) 24.51 ng/ul

response 186882

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	57.51
108.00	126.10	143.24
0.00	0.00	0.00

Quantitation Report (Qedit)

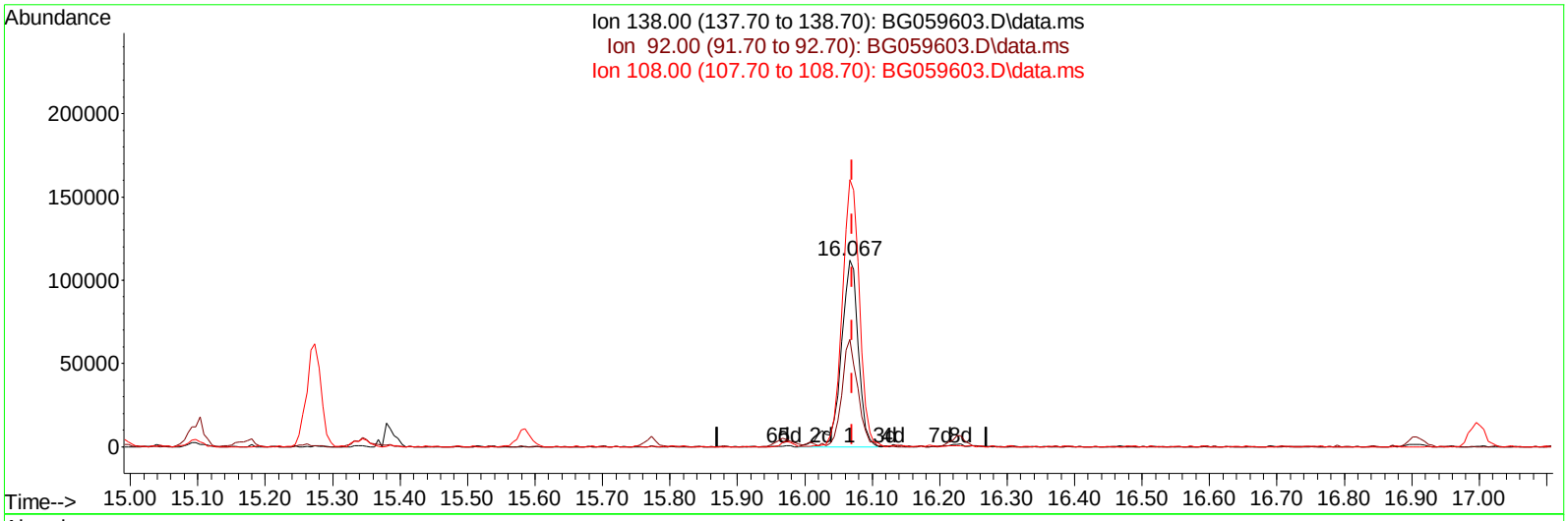
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

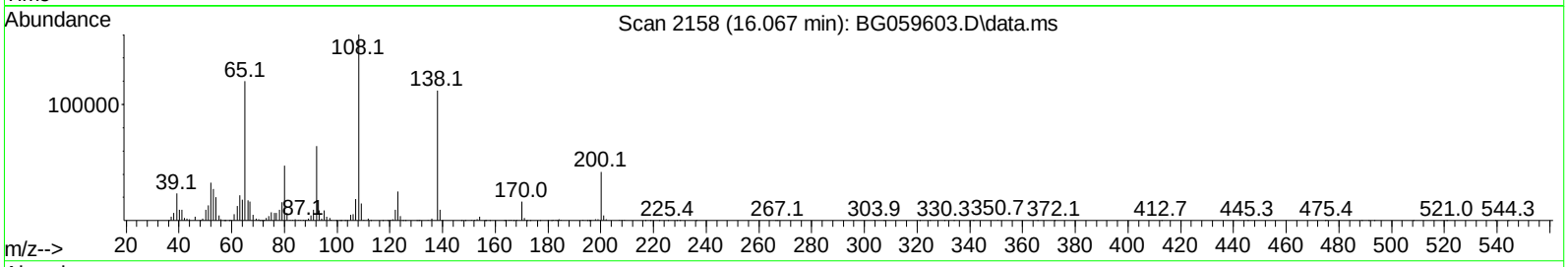
Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

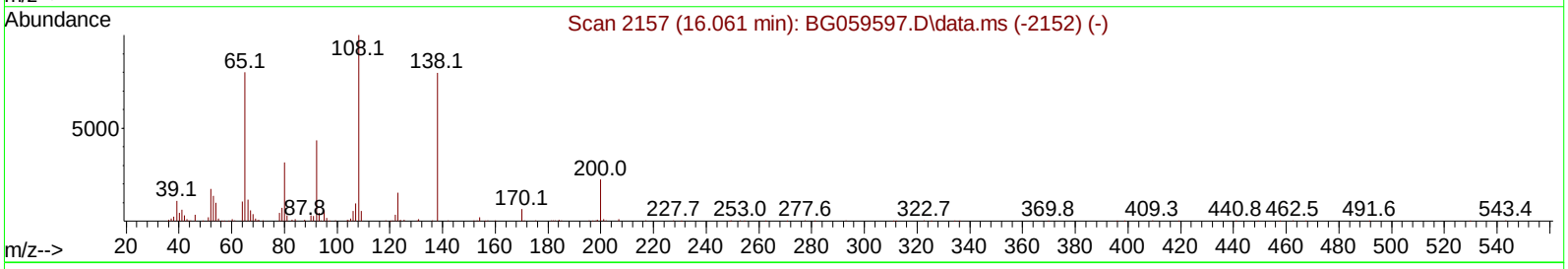
Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(63) 4-Nitroaniline

16.067min (-0.003) 26.31 ng/ul m

response 200623

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	57.51
108.00	126.10	143.24
0.00	0.00	0.00

Quantitation Report (Qedit)

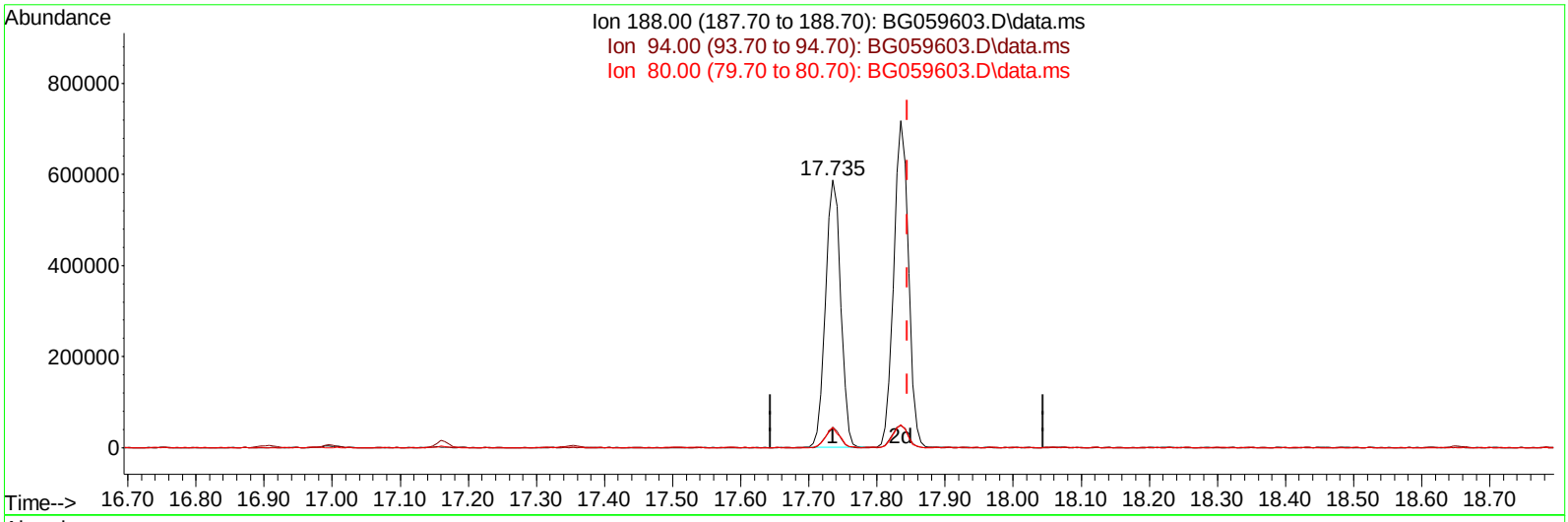
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

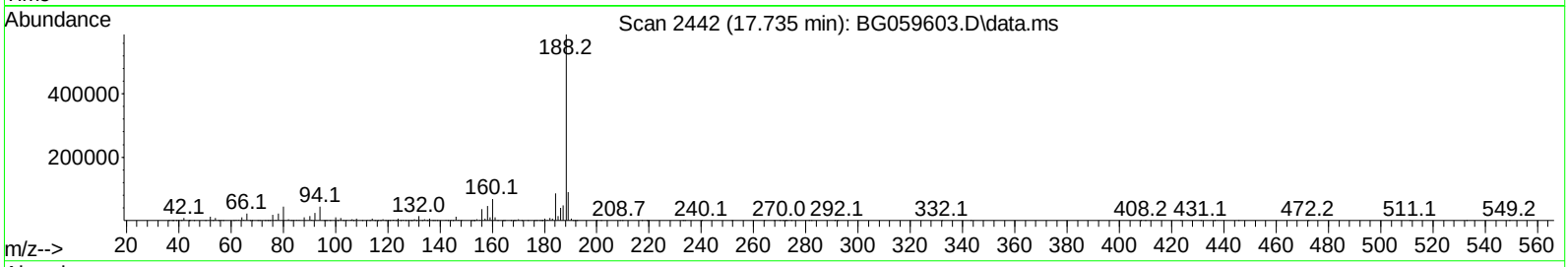
Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

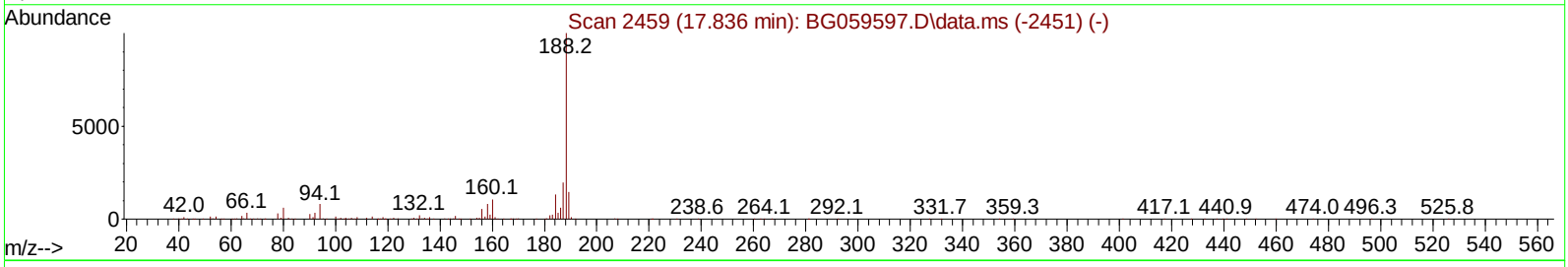
Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(73) Anthracene-d10 (S)

17.735min (-0.109) 18.46 ng/ul

response 907653

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.80	7.66
80.00	8.00	7.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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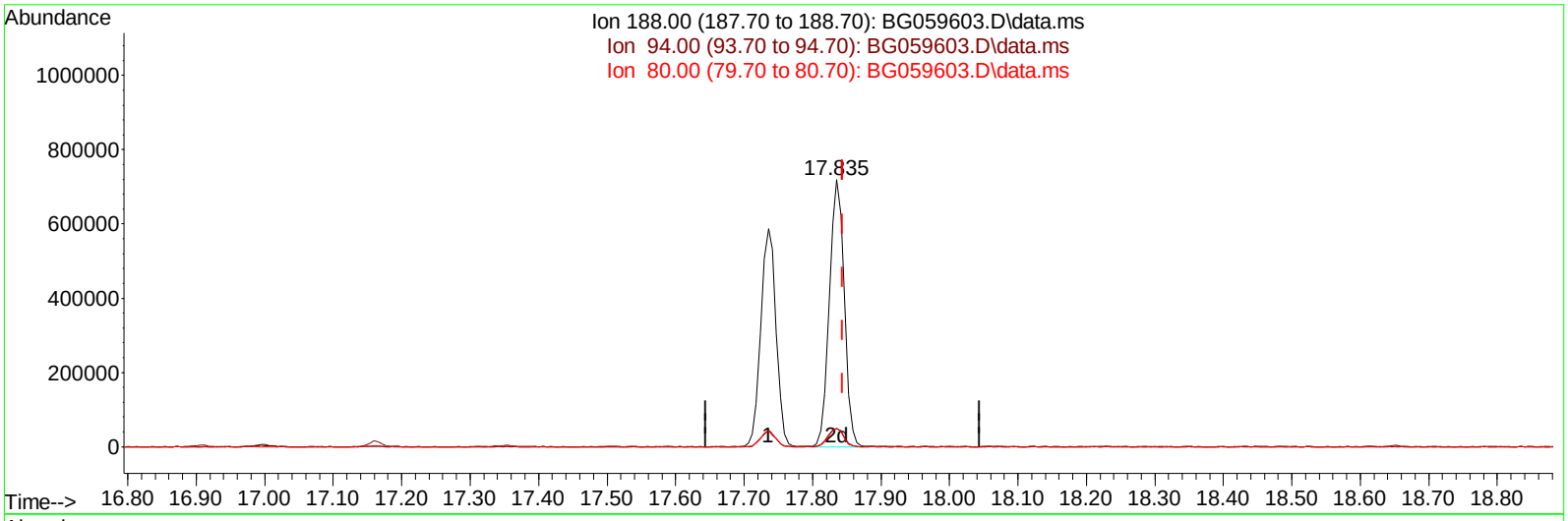

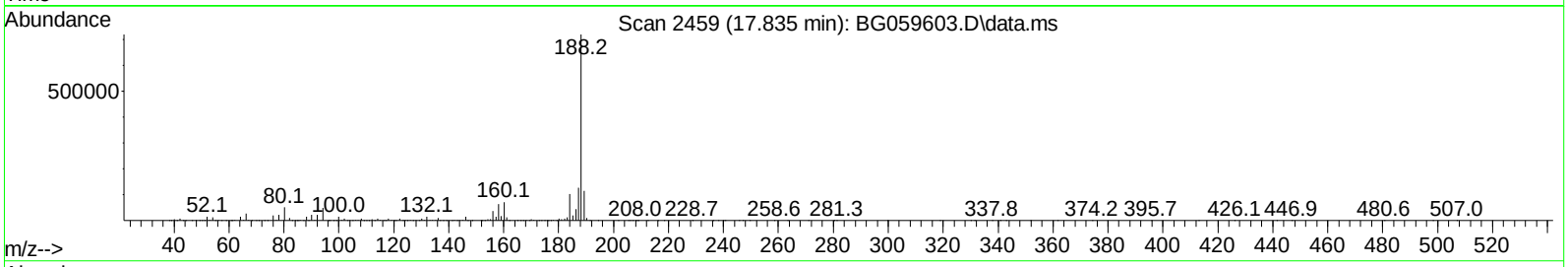

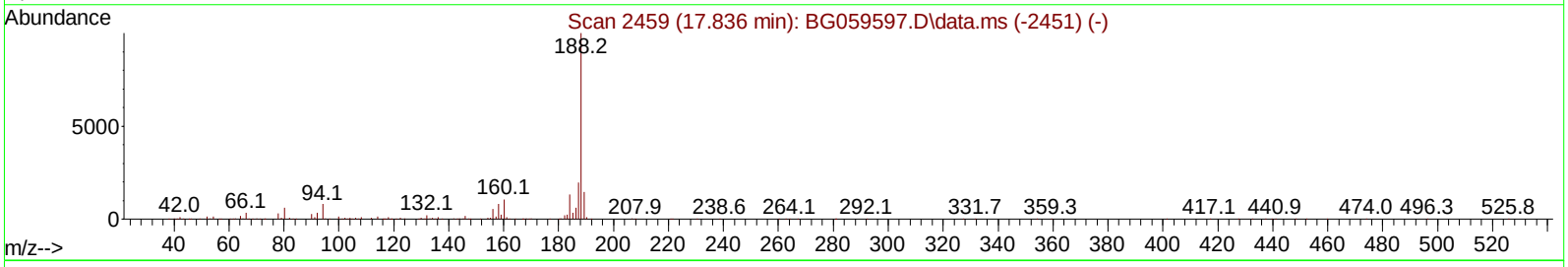

TIC: BG059603.D\data.ms

(73) Anthracene-d10 (S)

17.835min (-0.009) 22.00 ng/ul m

response 1081761

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.80	6.73#
80.00	8.00	7.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 02:45:34 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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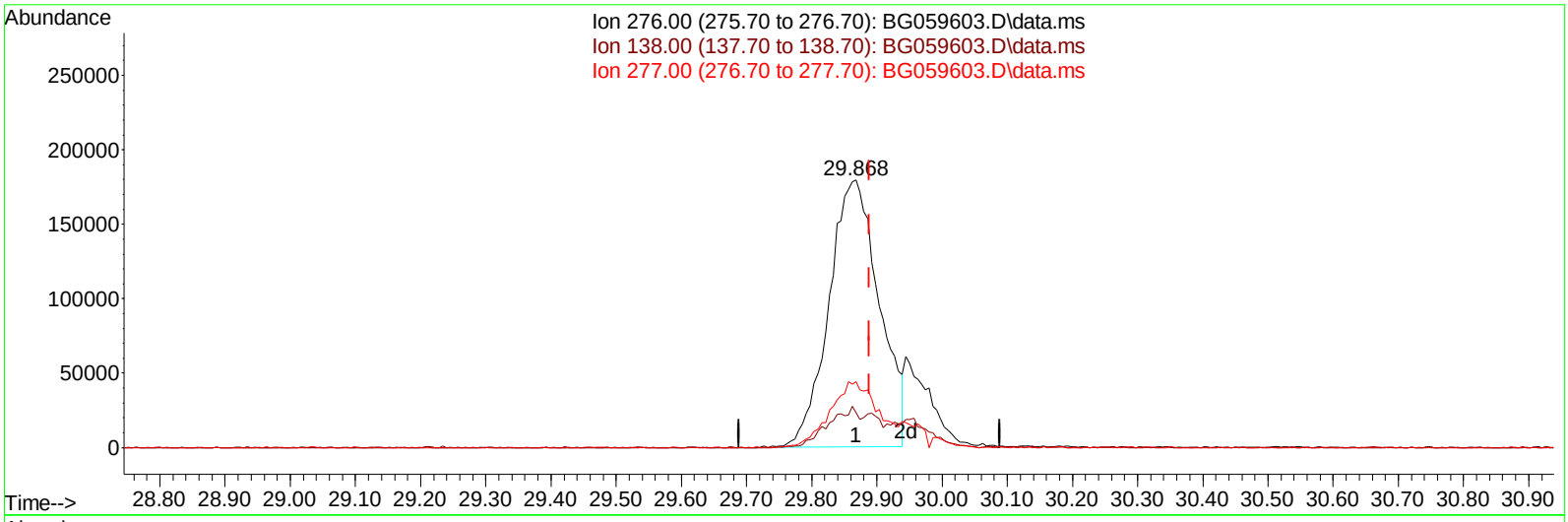
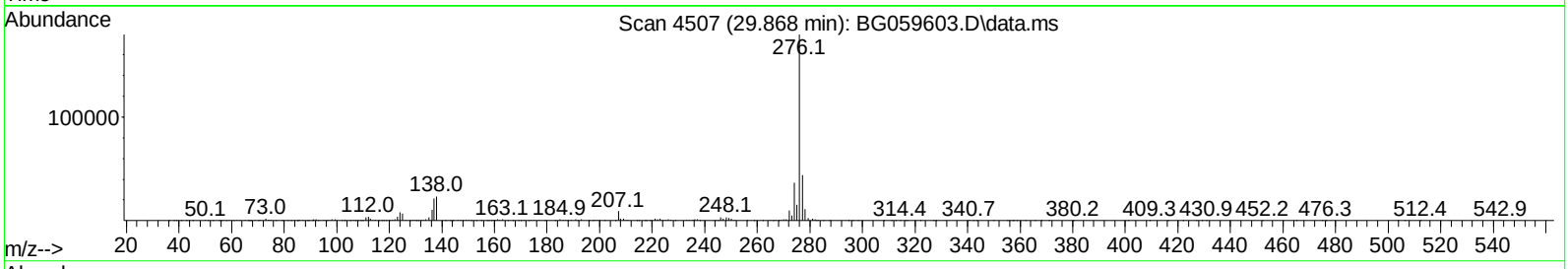
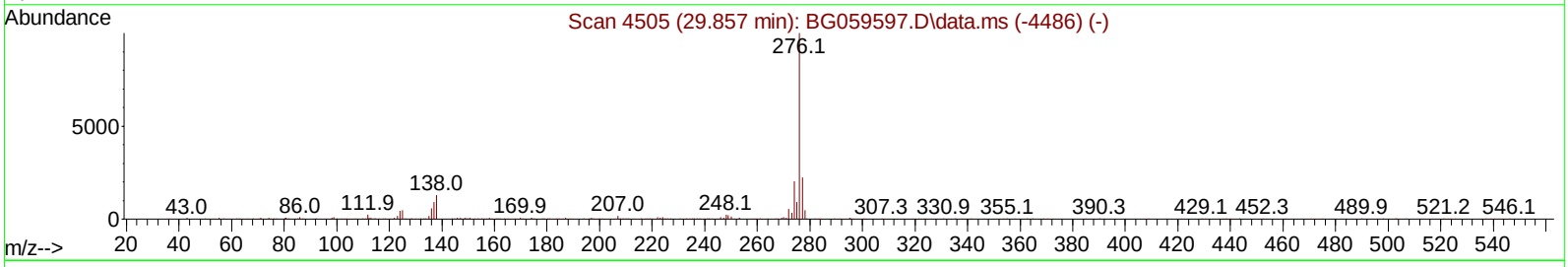
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059603.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.868min (-0.021) 19.87 ng/ul

response 961548

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	13.09#
277.00	20.50	24.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 02:45:34 2023
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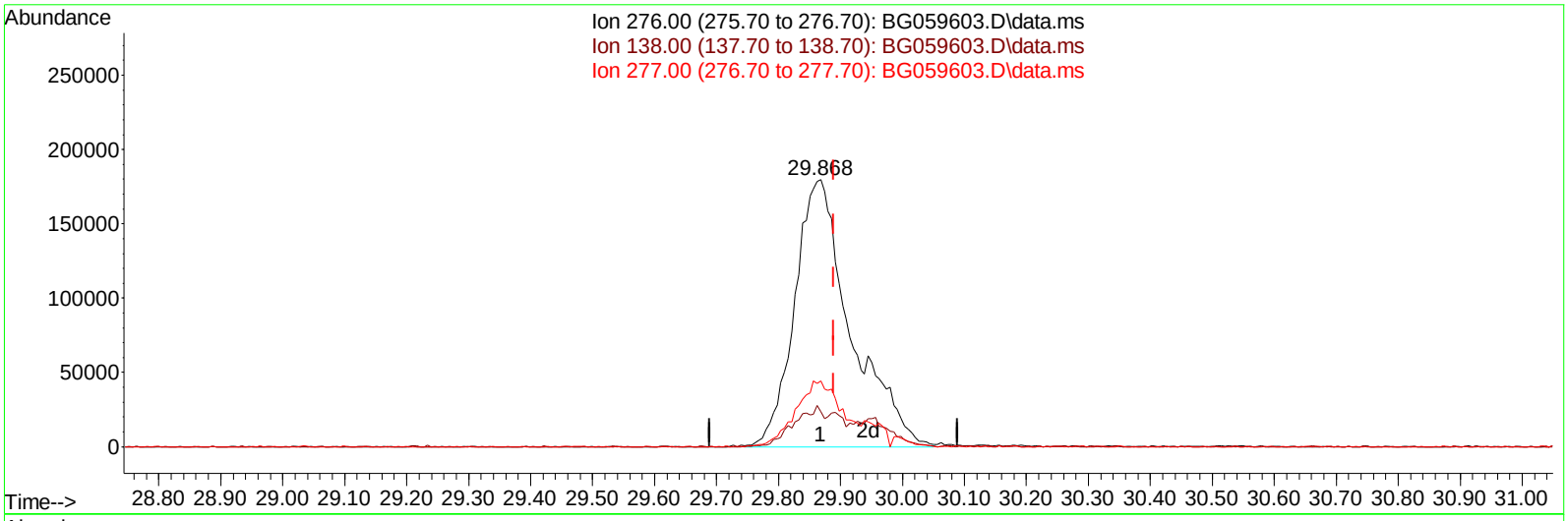

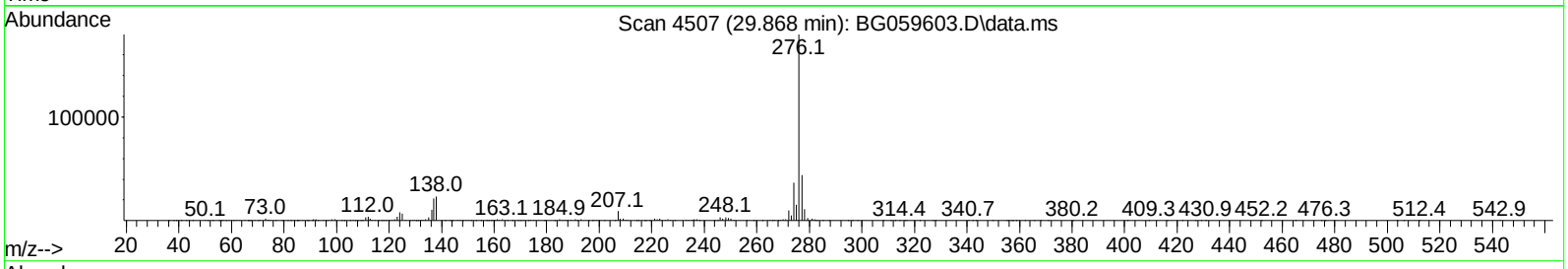

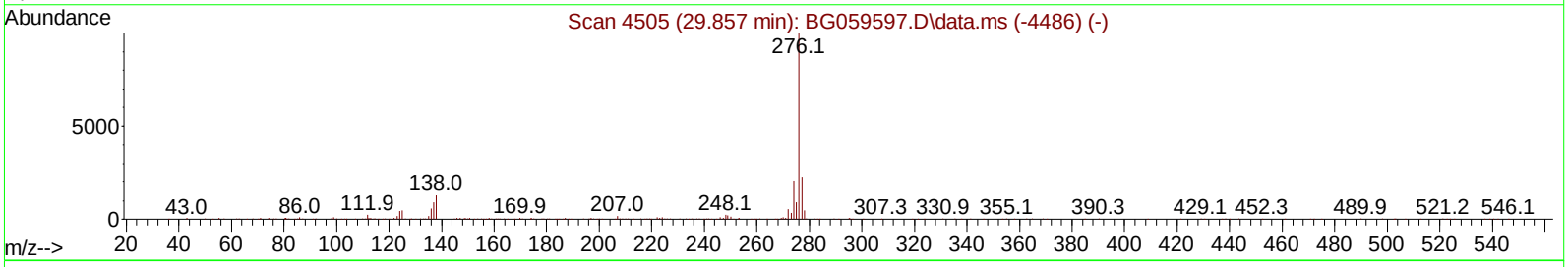

TIC: BG059603.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.868min (-0.021) 23.36 ng/ul m

response 1130268

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	13.09#
277.00	20.50	24.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 04:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	105070	20.000	ng/ul	0.00
20) Naphthalene-d8	11.202	136	657286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	426856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	907653	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	693988	20.000	ng/ul	0.00
88) Perylene-d12	25.679	264	557165	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	9994	3.559	ng/uL	0.00
4) Pyridine-d5	4.081	84	140935	17.959	ng/ul	0.00
7) Phenol-d5	7.465	99	240248	22.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	101062	20.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.865	132	193819	22.127	ng/ul	0.00
15) 4-Methylphenol-d8	9.046	113	199053	23.237	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	100283	21.458	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	110956	23.126	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	264196	24.993	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	379505	21.809	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	806265	20.849	ng/ul	0.00
49) Acenaphthylene-d8	14.686	160	958631	21.123	ng/ul	0.00
54) 4-Nitrophenol-d4	15.156	143	173974	26.234	ng/ul	0.00
60) Fluorene-d10	15.973	176	706289	21.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	138738	32.277	ng/ul	0.00
73) Anthracene-d10	17.835	188	1081761m	21.999	ng/ul	0.00
81) Pyrene-d10	20.103	212	1108169	22.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.426	264	743341	22.657	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.681	88	20556	6.540	ng/uL#	88
5) Pyridine	4.104	79	135701	17.531	ng/ul#	84
6) Benzaldehyde	7.494	77	98984	20.354	ng/ul	89
8) Phenol	7.494	94	231433	22.737	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.765	93	156356	20.947	ng/ul	98
12) 2-Chlorophenol	7.900	128	194845	22.437	ng/ul	97
13) 2-Methylphenol	8.775	108	201406	23.735	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.875	45	130744m	18.612	ng/ul	
16) Acetophenone	9.198	105	302702	22.418	ng/ul	87
17) N-Nitroso-di-n-propyla...	9.157	70	128435	20.187	ng/ul#	96
18) 4-Methylphenol	9.098	108	206454	22.867	ng/ul	87
19) Hexachloroethane	9.445	117	78193	22.671	ng/ul	98
22) Nitrobenzene	9.598	77	208273	20.647	ng/ul	92
23) Isophorone	10.103	82	384783	15.147	ng/ul#	90
25) 2-Nitrophenol	10.303	139	107219	20.779	ng/ul#	82
26) 2,4-Dimethylphenol	10.326	107	221253	16.302	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.591	93	292475	20.677	ng/ul	95
29) 2,4-Dichlorophenol	10.826	162	250280	24.473	ng/ul	89
30) Naphthalene	11.255	128	912538	22.275	ng/ul	98
32) 4-Chloroaniline	11.366	127	317797	19.227	ng/ul	93
33) Hexachlorobutadiene	11.478	225	138167	22.521	ng/ul	98
34) Caprolactam	12.142	113	86986m	23.251	ng/ul	
35) 4-Chloro-3-methylphenol	12.436	107	308723	25.301	ng/ul	89

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 04:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.835	142	625991	22.211	ng/ul	96
37) 1-Methylnaphthalene	13.047	142	614843	21.902	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.176	216	278516	22.622	ng/ul	97
40) Hexachlorocyclopentadiene	13.129	237	144983	20.201	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.417	196	196150	23.009	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.482	196	219857	23.821	ng/ul	98
43) 1,1'-Biphenyl	13.822	154	810749	20.996	ng/ul	98
44) 2-Chloronaphthalene	13.875	162	626195	20.864	ng/ul	92
45) 2-Nitroaniline	14.087	65	184225	32.990	ng/ul	96
47) Dimethylphthalate	14.428	163	819998	21.462	ng/ul	97
48) 2,6-Dinitrotoluene	14.569	165	168161	29.177	ng/ul#	71
50) Acenaphthylene	14.715	152	1150377	22.000	ng/ul	98
51) 3-Nitroaniline	14.903	138	200530	27.913	ng/ul#	82
52) Acenaphthene	15.050	153	732601	21.493	ng/ul	97
53) 2,4-Dinitrophenol	15.097	184	93018	28.404	ng/ul#	75
55) 4-Nitrophenol	15.174	109	209787	28.705	ng/ul	95
56) Dibenzofuran	15.379	168	973383	22.027	ng/ul	95
57) 2,4-Dinitrotoluene	15.344	165	262257	32.349	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.585	232	182470	25.189	ng/ul#	87
59) Diethylphthalate	15.773	149	919174	22.054	ng/ul	97
61) Fluorene	16.032	166	833664	21.853	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.014	204	369852	22.685	ng/ul	94
63) 4-Nitroaniline	16.067	138	200623m	26.314	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.096	198	144615	31.923	ng/ul#	90
67) N-Nitrosodiphenylamine	16.231	169	702855	22.663	ng/ul	95
68) 4-Bromophenyl-phenylether	16.907	248	223155	24.569	ng/ul	88
69) Hexachlorobenzene	16.995	284	254544	24.249	ng/ul#	90
70) Atrazine	17.166	200	187596	19.520	ng/ul#	86
71) Pentachlorophenol	17.354	266	155044	25.855	ng/ul	94
72) Phenanthrene	17.777	178	1321668	22.399	ng/ul	99
74) Anthracene	17.871	178	1339739	22.487	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.781	216	270706	22.396	ng/uL	92
76) Pentachlorobenzene	15.274	250	259615	22.635	ng/uL	92
77) Carbazole	18.147	167	1205062	23.545	ng/ul	98
78) Di-n-butylphthalate	18.652	149	1513143	21.517	ng/ul	99
80) Fluoranthene	19.768	202	1386134	23.573	ng/ul	98
82) Pyrene	20.133	202	1395494	22.848	ng/ul#	96
83) Butylbenzylphthalate	20.996	149	681006	24.689	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.960	252	428222	23.728	ng/ul	98
85) Benzo(a)anthracene	22.048	228	1288304	22.558	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.889	149	951142	23.109	ng/ul	100
87) Chrysene	22.124	228	1185256	22.310	ng/ul	97
89) Di-n-octyl phthalate	23.241	149	1144866	23.469	ng/ul	100
90) Benzo(b)fluoranthene	24.510	252	942626	23.340	ng/ul#	96
91) Benzo(k)fluoranthene	24.586	252	914254	22.663	ng/ul	98
93) Benzo(a)pyrene	25.509	252	853568	22.361	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.868	276	1130268m	23.361	ng/ul	
95) Dibenzo(a,h)anthracene	29.951	278	928617	23.239	ng/ul	98
96) Benzo(g,h,i)perylene	31.202	276	889221	22.456	ng/ul#	92

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

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059603.D
Acq On : 2 Nov 2023 15:21
Operator : MA/JU
Sample : PB156593BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 04:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
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