Quantitation Report (Qedit)

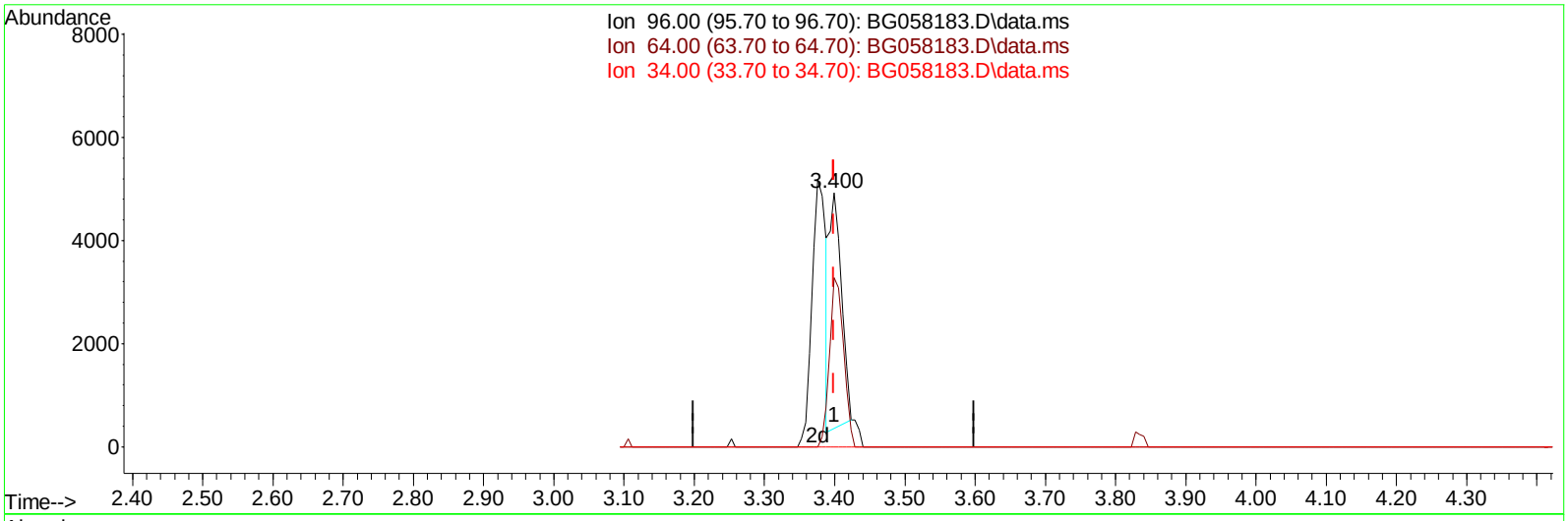
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

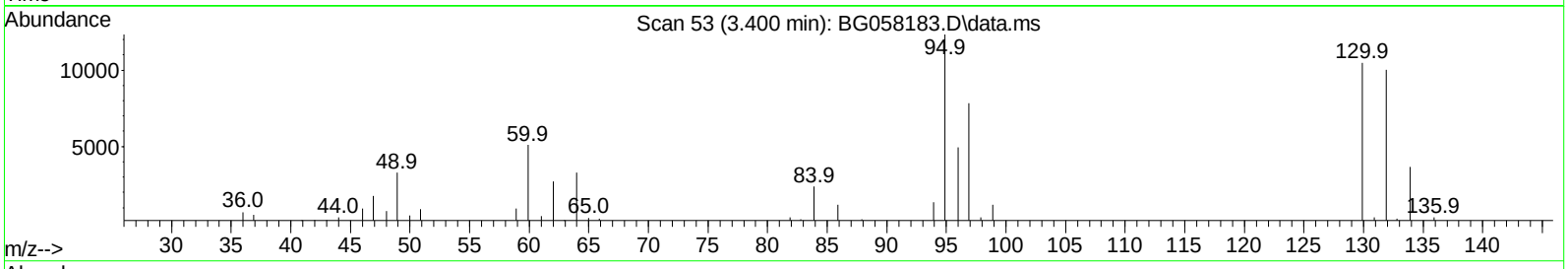
Quant Time: Jul 12 22:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

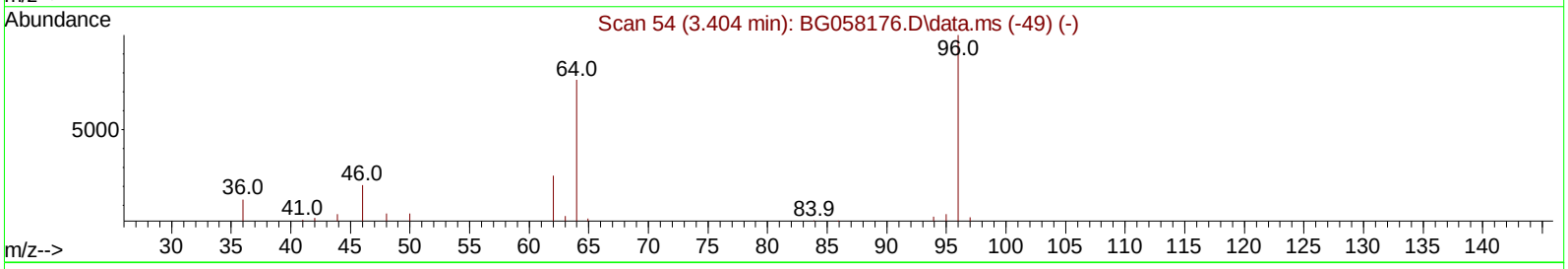
Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023







TIC: BG058183.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.400min (+ 0.001) 3.84 ng/uL

response 5436

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.90	66.47
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

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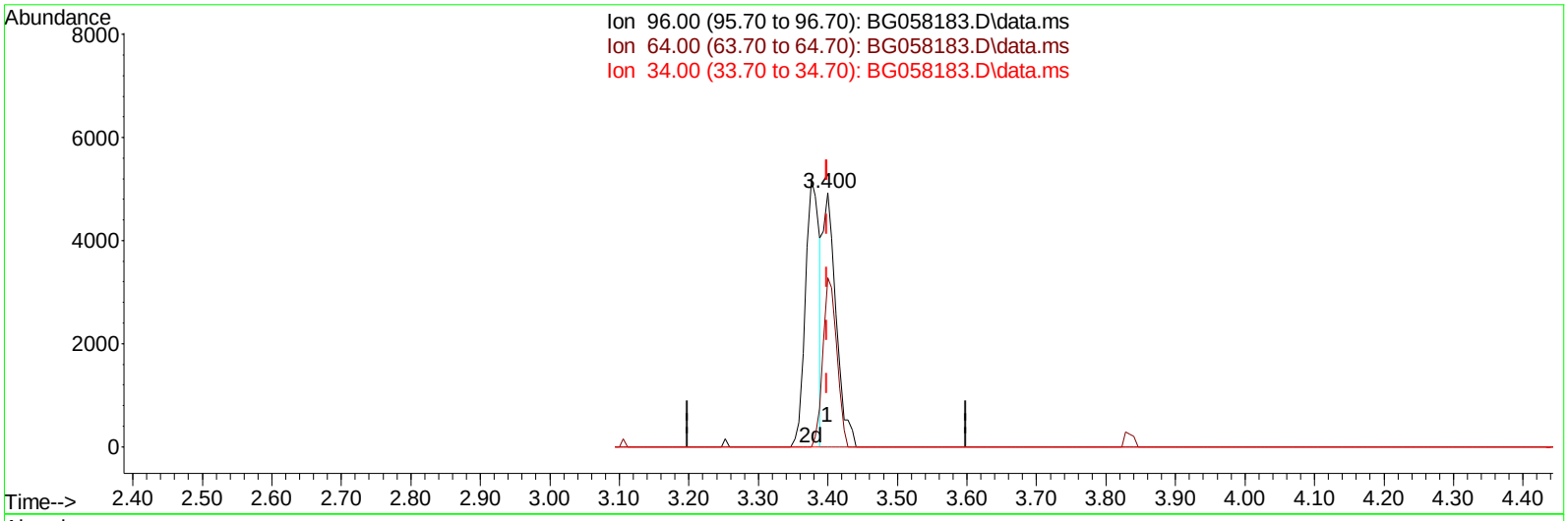

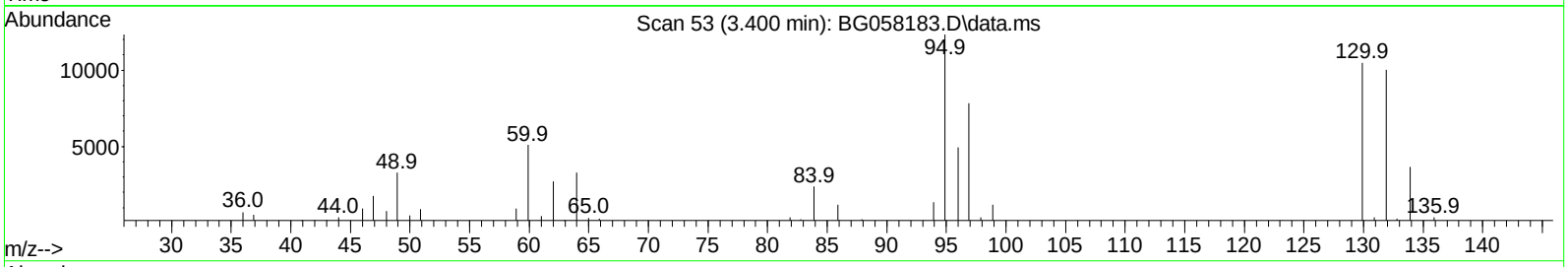

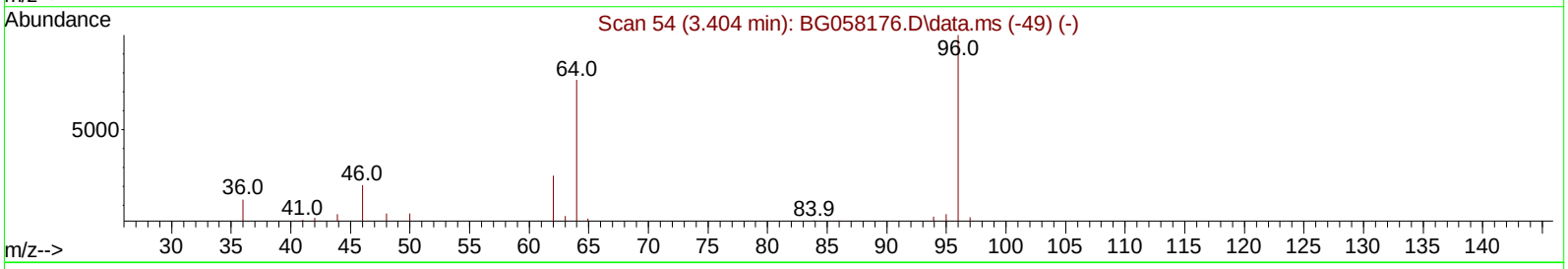

TIC: BG058183.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.400min (+ 0.001) 4.64 ng/uL m

response 6573

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.90	66.47
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:16:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

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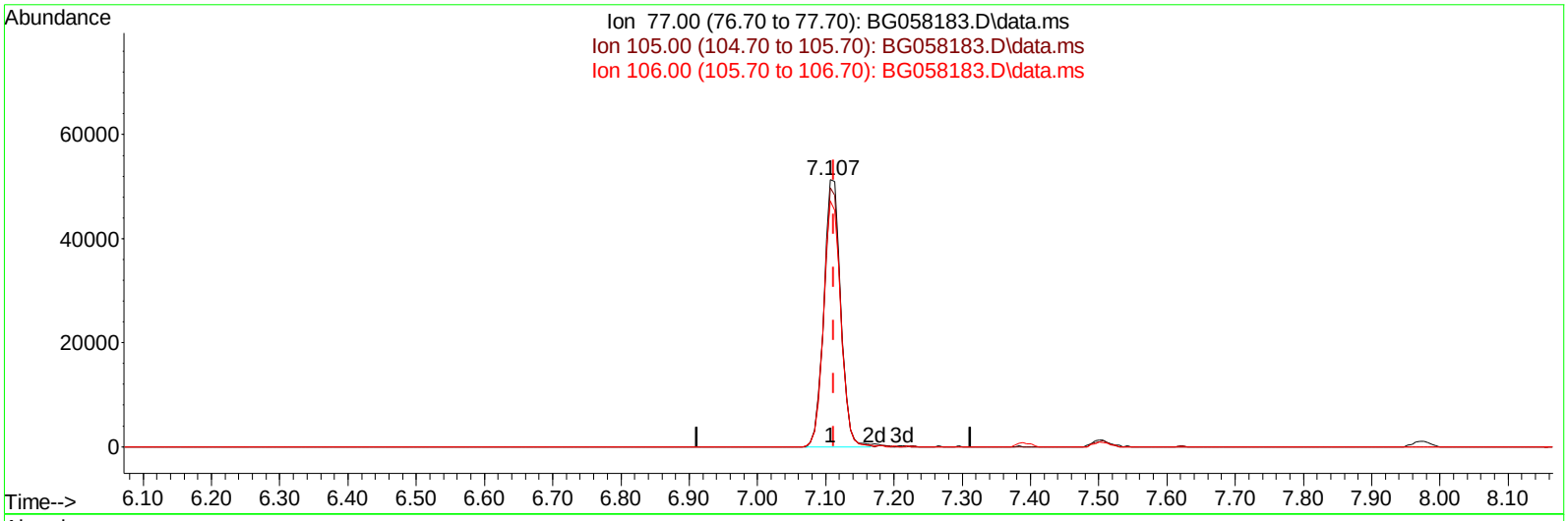

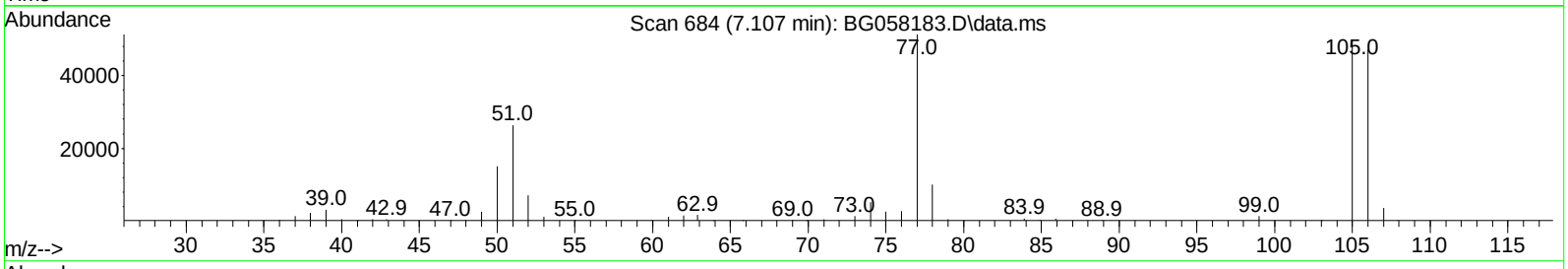

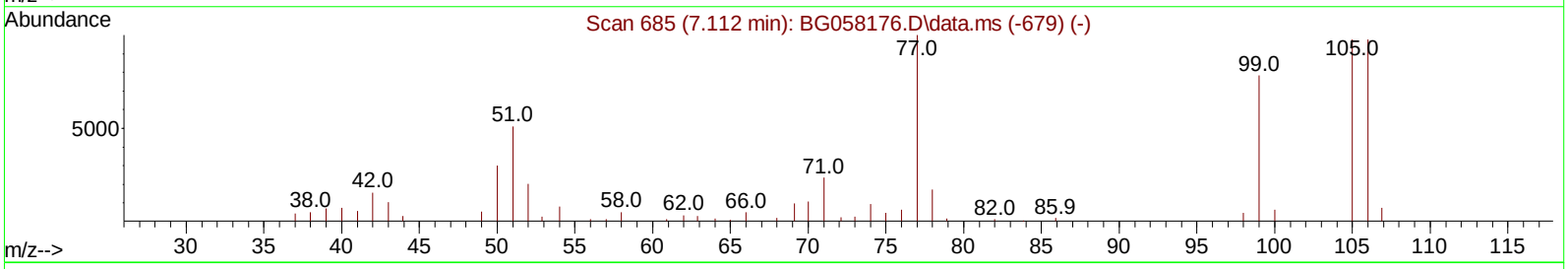

TIC: BG058183.D\data.ms

(6) Benzaldehyde

7.107min (-0.005) 52.37 ng/ul

response 88512

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	97.02
106.00	94.90	92.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:16:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
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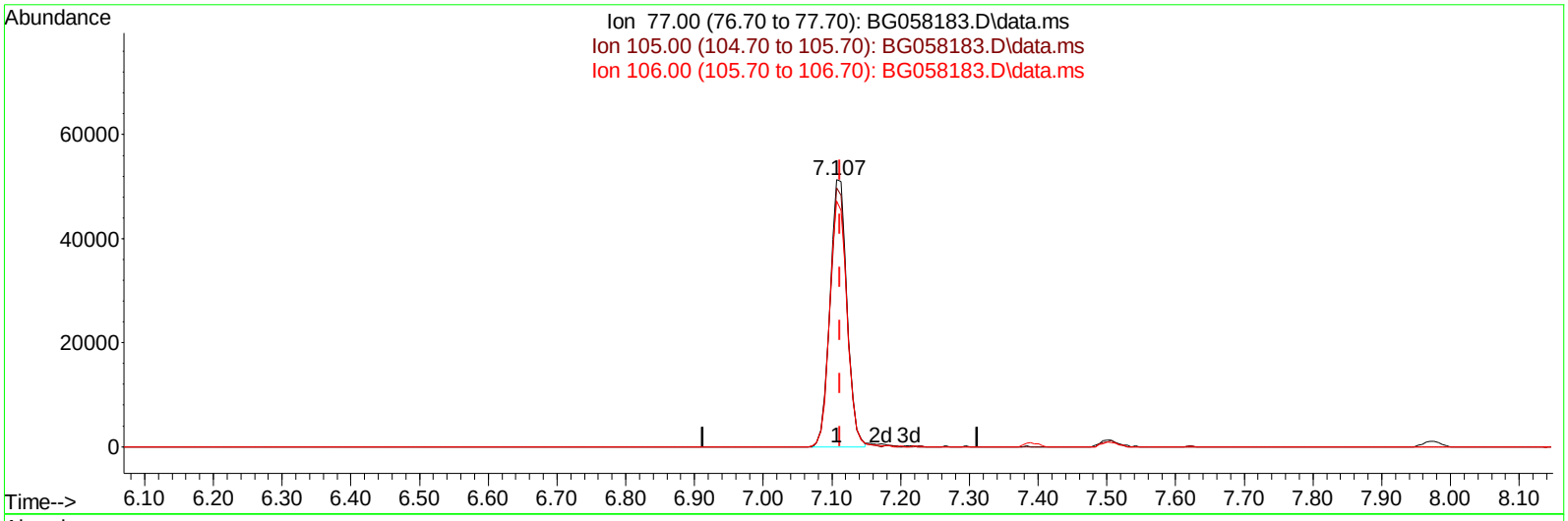
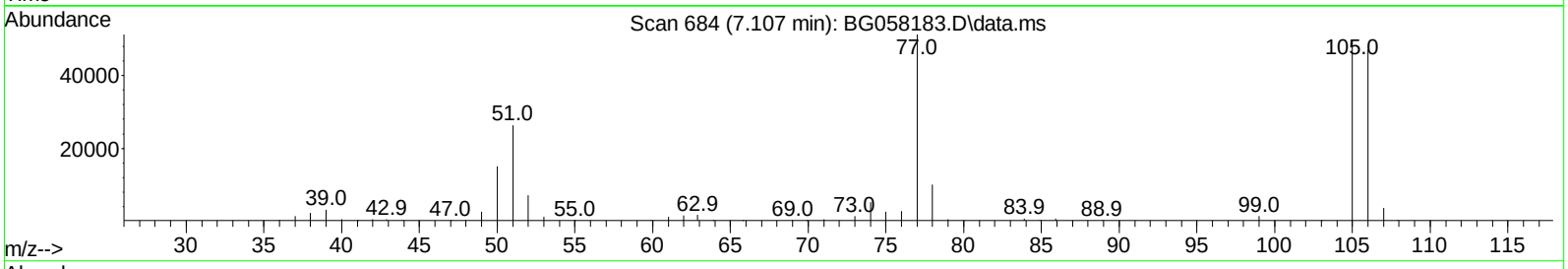
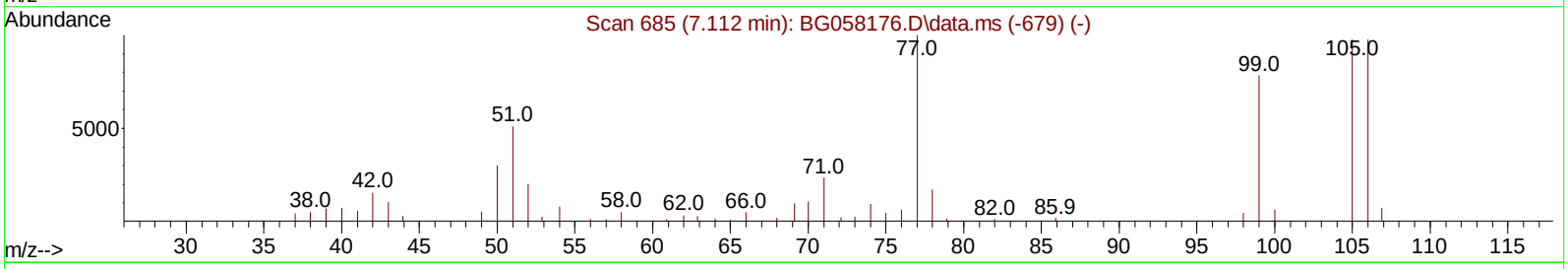






TIC: BG058183.D\data.ms

(6) Benzaldehyde

7.107min (-0.005) 52.02 ng/ul m

response 87915

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	97.02
106.00	94.90	92.05
0.00	0.00	0.00

Quantitation Report (Qedit)

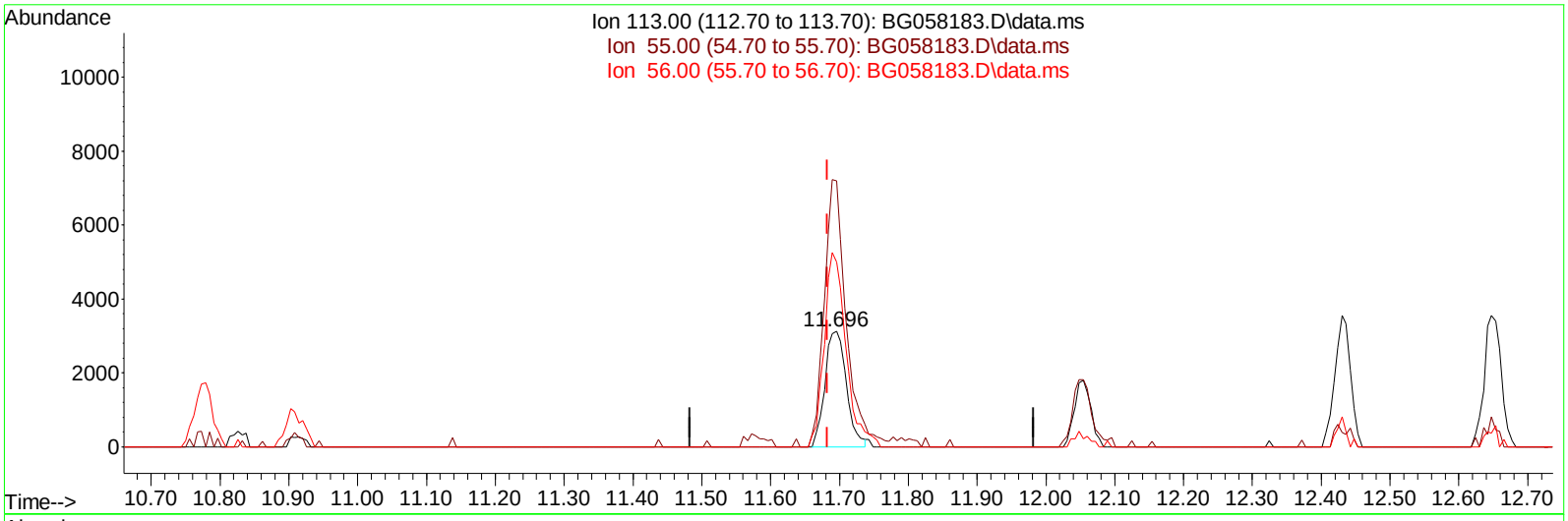
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

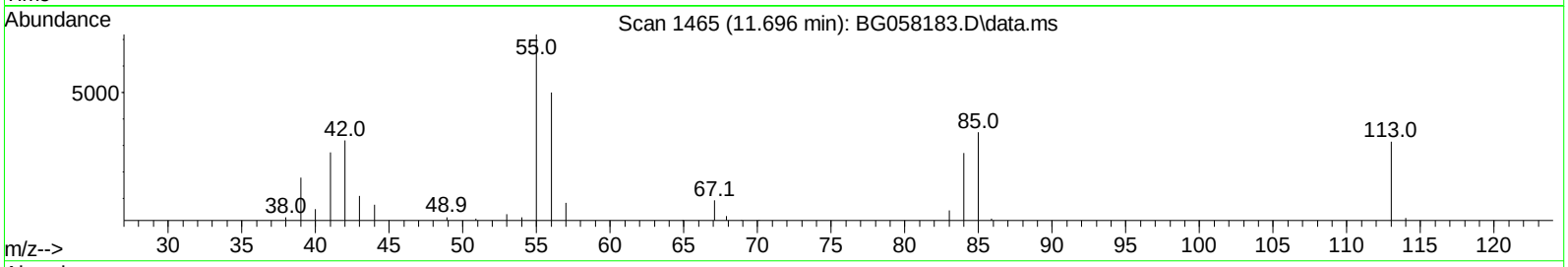
Quant Time: Jul 12 22:14:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

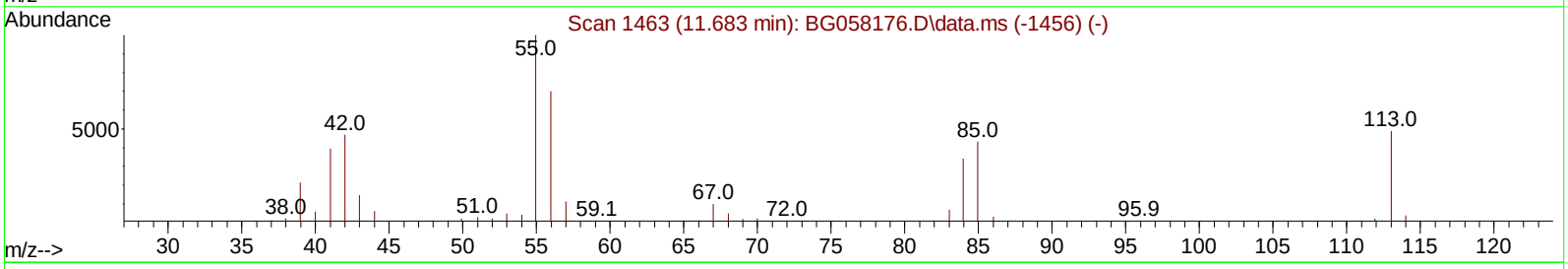
Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023







TIC: BG058183.D\data.ms

(34) Caprolactam

11.696min (+ 0.013) 4.74 ng/ul

response 6761

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	229.73
56.00	153.80	159.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:14:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
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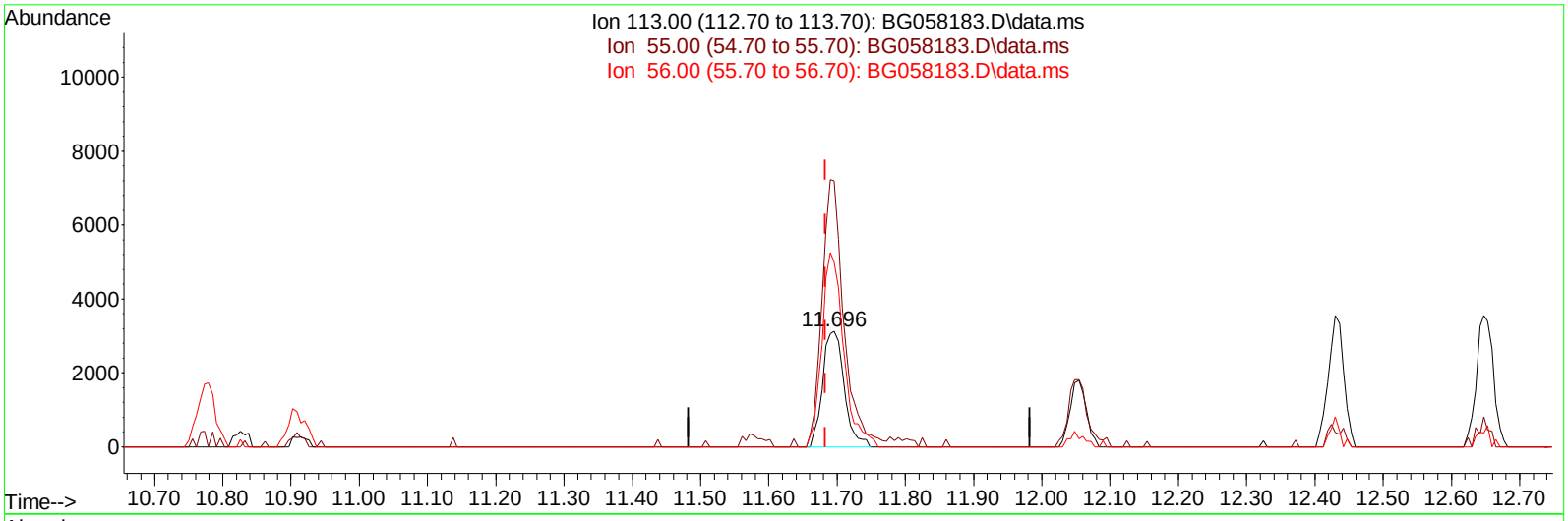
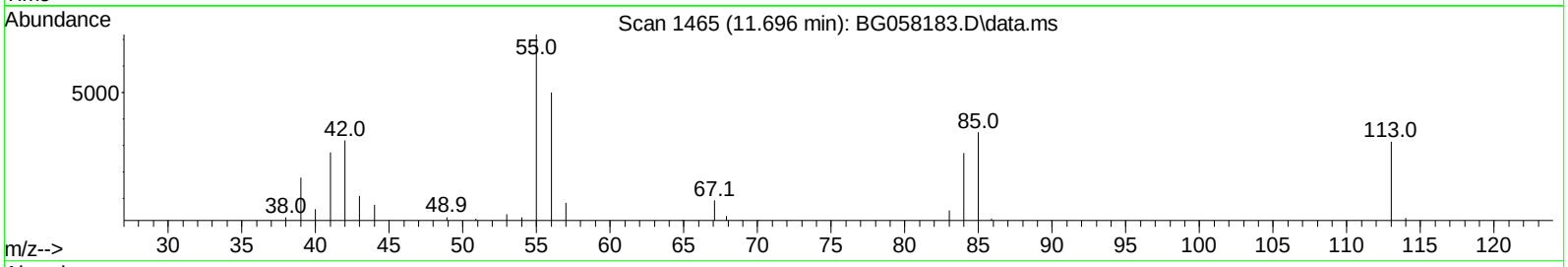
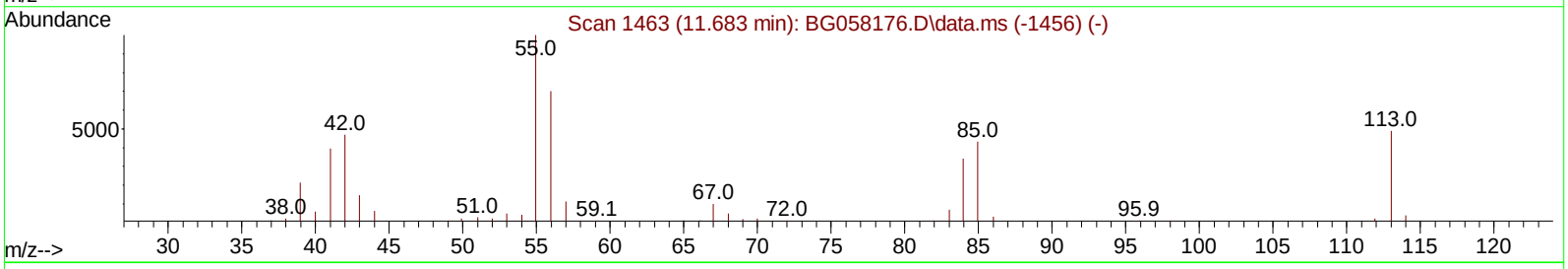






TIC: BG058183.D\data.ms

(34) Caprolactam

11.696min (+ 0.013) 4.79 ng/ul m

response 6828

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	229.73
56.00	153.80	159.32
0.00	0.00	0.00

Quantitation Report (Qedit)

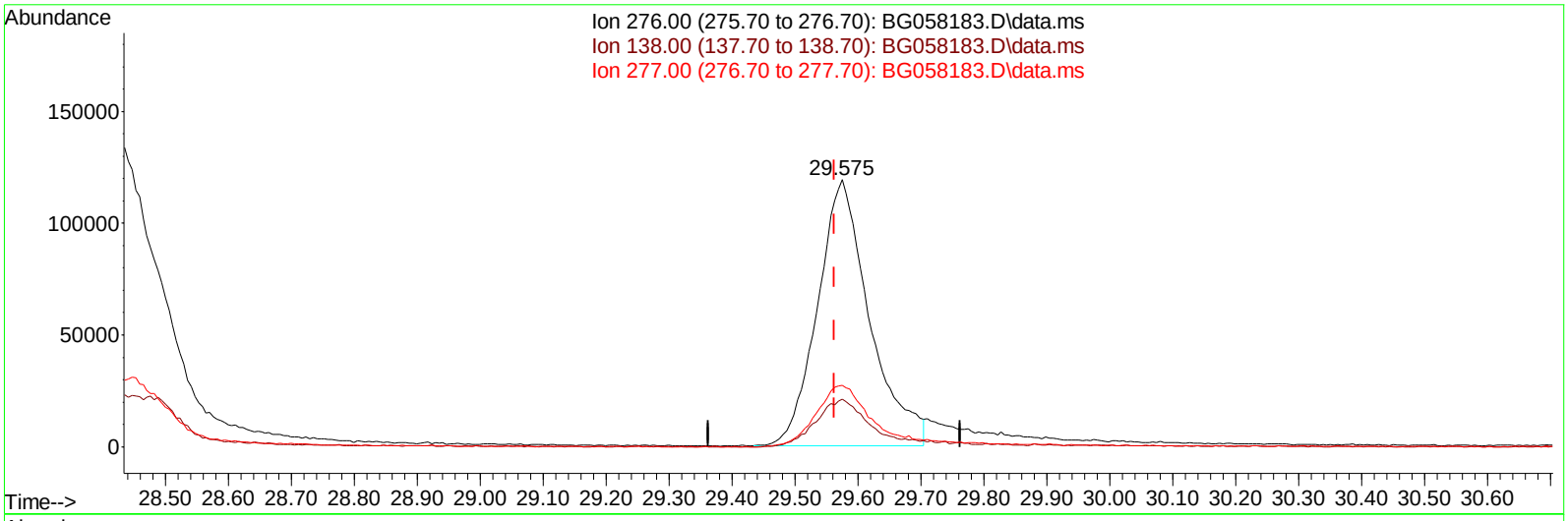
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

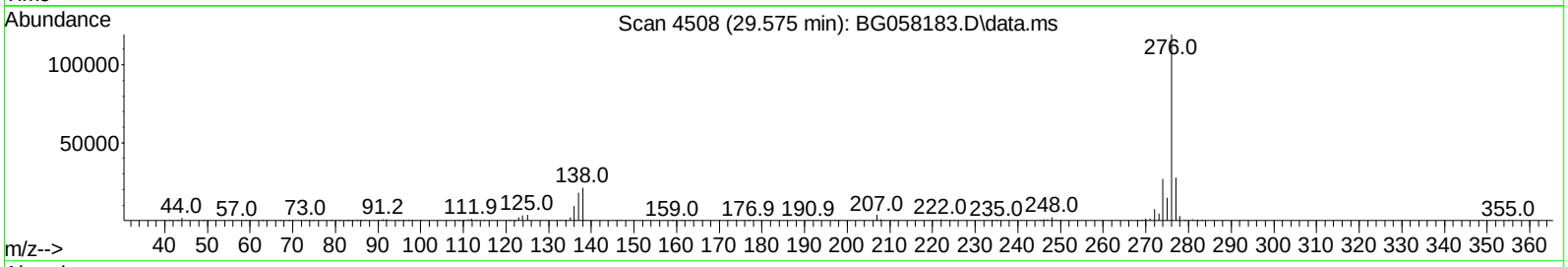
Quant Time: Jul 12 22:14:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

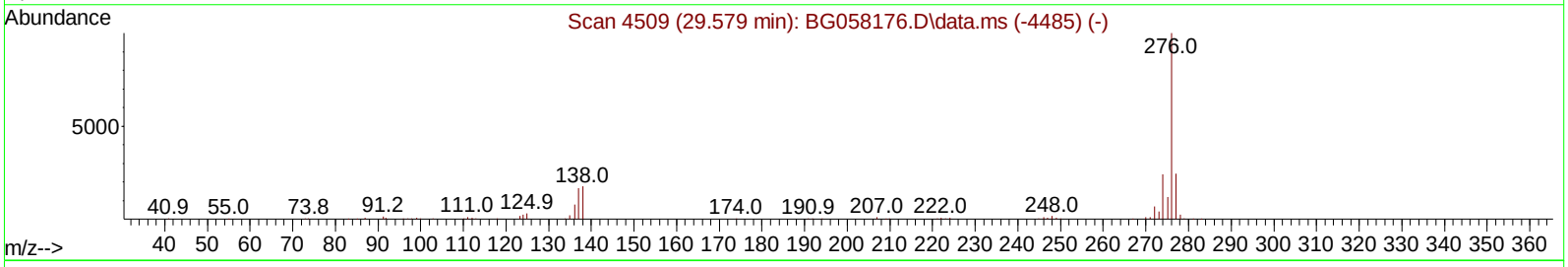
Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023







TIC: BG058183.D\data.ms

(96) Benzo(g,h,i)perylene

29.575min (+ 0.013) 33.02 ng/ul

response 684184

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	17.79
277.00	23.20	23.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:14:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
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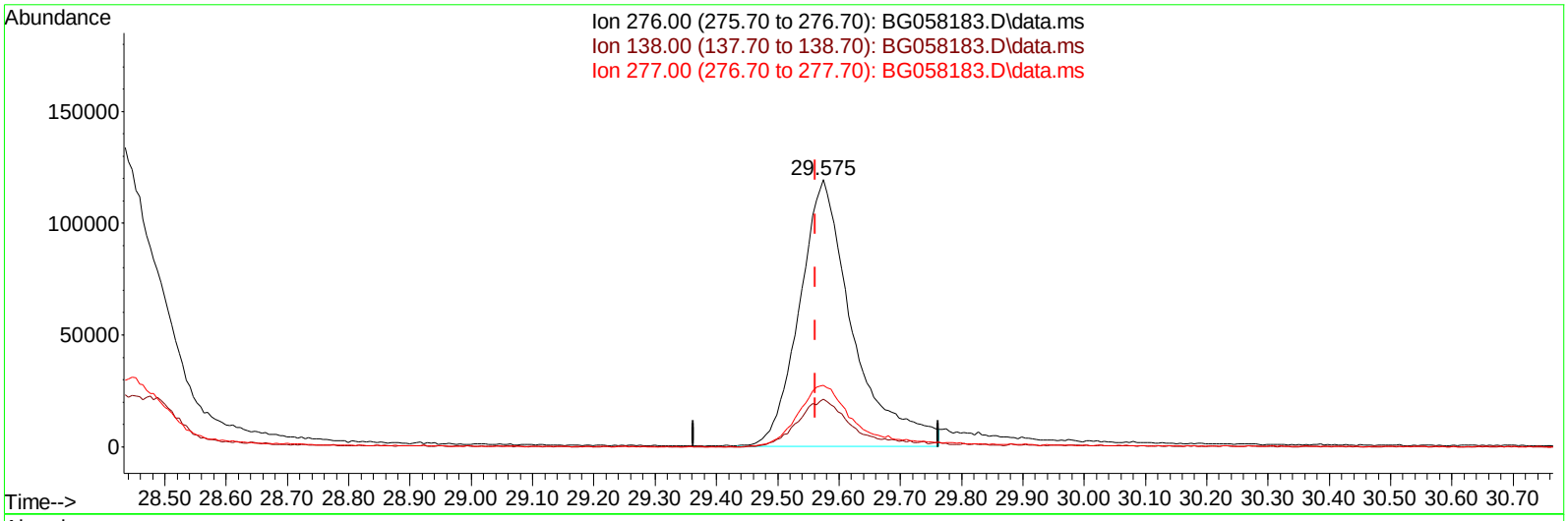

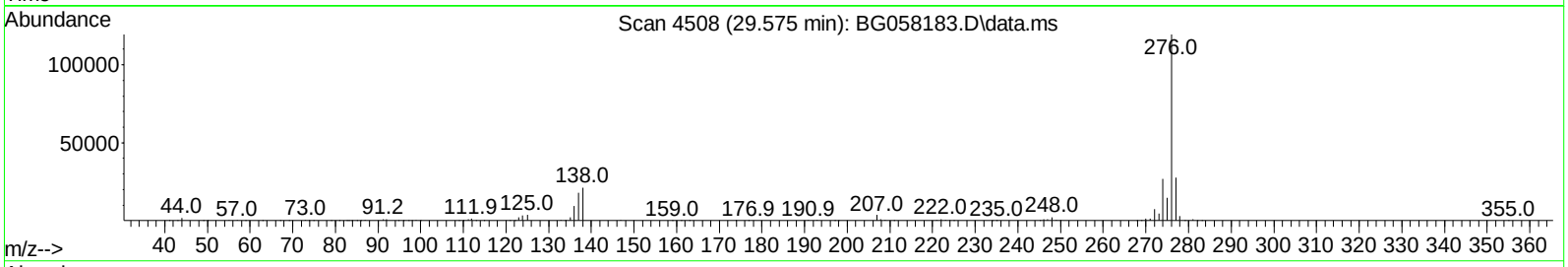

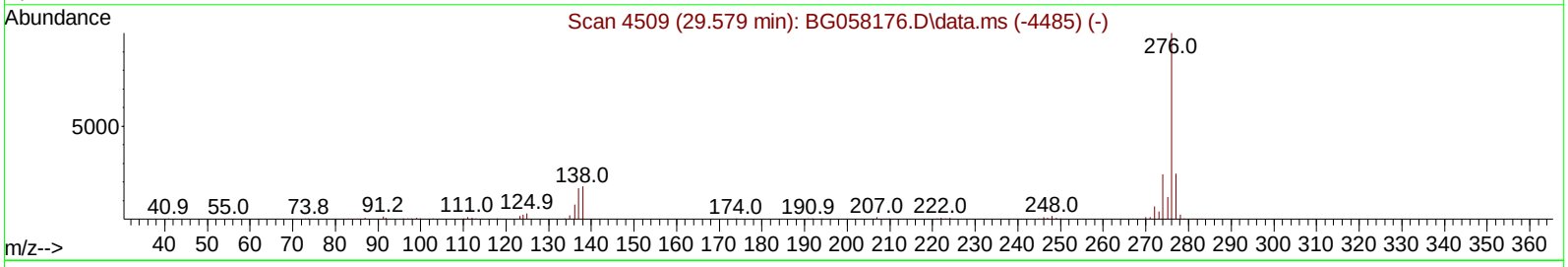

TIC: BG058183.D\data.ms

(96) Benzo(g,h,i)perylene

29.575min (+ 0.013) 34.75 ng/ul m

response 719993

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	17.79
277.00	23.20	23.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:17:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	49555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.779	136	222018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	149008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.342	188	336412	20.000	ng/ul	0.00
79) Chrysene-d12	21.602	240	285508	20.000	ng/ul	0.00
88) Perylene-d12	24.792	264	348597	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	6573m	4.645	ng/uL	0.00
4) Pyridine-d5	3.811	84	50431	11.738	ng/ul	0.00
7) Phenol-d5	7.130	99	37887	7.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	103765	34.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	91848	26.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.676	113	65948	17.270	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	64650	35.727	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	69833	36.719	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	120773	33.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.908	131	145820	26.362	ng/ul	0.00
46) Dimethylphthalate-d6	14.005	166	417172	35.483	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	462908	36.081	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	14363	6.915	ng/ul	0.00
60) Fluorene-d10	15.591	176	361769	36.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	69843	38.234	ng/ul	0.00
73) Anthracene-d10	17.442	188	569321	36.471	ng/ul	0.00
81) Pyrene-d10	19.727	212	685488	38.122	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.575	264	725038	40.824	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	114339	65.400	ng/uL	94
5) Pyridine	3.834	79	54939	12.480	ng/ul	98
6) Benzaldehyde	7.107	77	87915m	52.018	ng/ul	
8) Phenol	7.160	94	39424	7.677	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.389	93	124651	31.435	ng/ul	99
12) 2-Chlorophenol	7.536	128	91587	25.215	ng/ul	98
13) 2-Methylphenol	8.411	108	76226	18.899	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.494	45	193994	31.782	ng/ul	97
16) Acetophenone	8.793	105	208648	32.933	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.770	70	108761	32.112	ng/ul	98
18) 4-Methylphenol	8.740	108	74091	16.989	ng/ul	98
19) Hexachloroethane	9.052	117	34332	24.656	ng/ul	96
22) Nitrobenzene	9.175	77	157484	33.525	ng/ul	97
23) Isophorone	9.692	82	321358	32.060	ng/ul	98
25) 2-Nitrophenol	9.886	139	69699	34.154	ng/ul	94
26) 2,4-Dimethylphenol	9.945	107	89945	19.601	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.180	93	179766	31.826	ng/ul	99
29) 2,4-Dichlorophenol	10.421	162	109926	30.989	ng/ul	94
30) Naphthalene	10.826	128	370823	29.721	ng/ul	99
32) 4-Chloroaniline	10.932	127	127411	22.527	ng/ul	96
33) Hexachlorobutadiene	11.108	225	65882	26.234	ng/ul	96
34) Caprolactam	11.696	113	6828m	4.788	ng/ul	
35) 4-Chloro-3-methylphenol	12.054	107	121572	27.900	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:17:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.430	142	261703	31.115	ng/ul	98
37) 1-Methylnaphthalene	12.648	142	263645	31.259	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.794	216	156815	34.534	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	37360	13.062	ng/ul	98
41) 2,4,6-Trichlorophenol	13.035	196	106993	34.764	ng/ul	96
42) 2,4,5-Trichlorophenol	13.106	196	116572	35.023	ng/ul	97
43) 1,1'-Biphenyl	13.435	154	364484	33.943	ng/ul	99
44) 2-Chloronaphthalene	13.482	162	290597	33.719	ng/ul	99
45) 2-Nitroaniline	13.682	65	109477	36.537	ng/ul	98
47) Dimethylphthalate	14.052	163	398244	33.716	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	88110	36.341	ng/ul	99
50) Acenaphthylene	14.328	152	475198	34.300	ng/ul	100
51) 3-Nitroaniline	14.504	138	78490	38.308	ng/ul	98
52) Acenaphthene	14.663	153	329141	34.622	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	41633	32.937	ng/ul	96
55) 4-Nitrophenol	14.816	109	11386	7.399	ng/ul	79
56) Dibenzofuran	14.998	168	471186	34.866	ng/ul	99
57) 2,4-Dinitrotoluene	14.962	165	125118	36.423	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.221	232	101288	33.428	ng/ul	98
59) Diethylphthalate	15.409	149	410238	33.276	ng/ul	99
61) Fluorene	15.650	166	380758	34.339	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.632	204	204132	34.792	ng/ul	99
63) 4-Nitroaniline	15.667	138	79368	43.241	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.726	198	67548	36.159	ng/ul#	97
67) N-Nitrosodiphenylamine	15.850	169	320441	35.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.531	248	138025	37.377	ng/ul	97
69) Hexachlorobenzene	16.649	284	155093	37.513	ng/ul	100
70) Atrazine	16.796	200	90054	24.597	ng/ul	98
71) Pentachlorophenol	16.995	266	81124	32.684	ng/ul	96
72) Phenanthrene	17.383	178	618260	36.130	ng/ul	99
74) Anthracene	17.477	178	596438	34.443	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.405	216	166773	37.380	ng/uL	96
76) Pentachlorobenzene	14.921	250	407544	85.529	ng/uL	97
77) Carbazole	17.747	167	569842	36.385	ng/ul	99
78) Di-n-butylphthalate	18.294	149	722224	36.202	ng/ul	99
80) Fluoranthene	19.393	202	744436	35.729	ng/ul	100
82) Pyrene	19.757	202	734724	35.031	ng/ul	98
83) Butylbenzylphthalate	20.632	149	319752	37.596	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.496	252	230932	33.411	ng/ul	100
85) Benzo(a)anthracene	21.584	228	747636	36.470	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.478	149	467183	38.332	ng/ul	98
87) Chrysene	21.649	228	716493	37.284	ng/ul	99
89) Di-n-octyl phthalate	22.671	149	818354	38.208	ng/ul	100
90) Benzo(b)fluoranthene	23.776	252	808883	37.476	ng/ul	100
91) Benzo(k)fluoranthene	23.846	252	779060	36.824	ng/ul	100
93) Benzo(a)pyrene	24.645	252	704072	36.854	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.435	276	921147	36.310	ng/ul	97
95) Dibenzo(a,h)anthracene	28.494	278	784732	37.512	ng/ul	98
96) Benzo(g,h,i)perylene	29.575	276	719993m	34.747	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058183.D
Acq On : 12 Jul 2023 12:23
Operator : CG/JU
Sample : 03477-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 12 22:17:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HOA42MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023