Quantitation Report (Qedit)

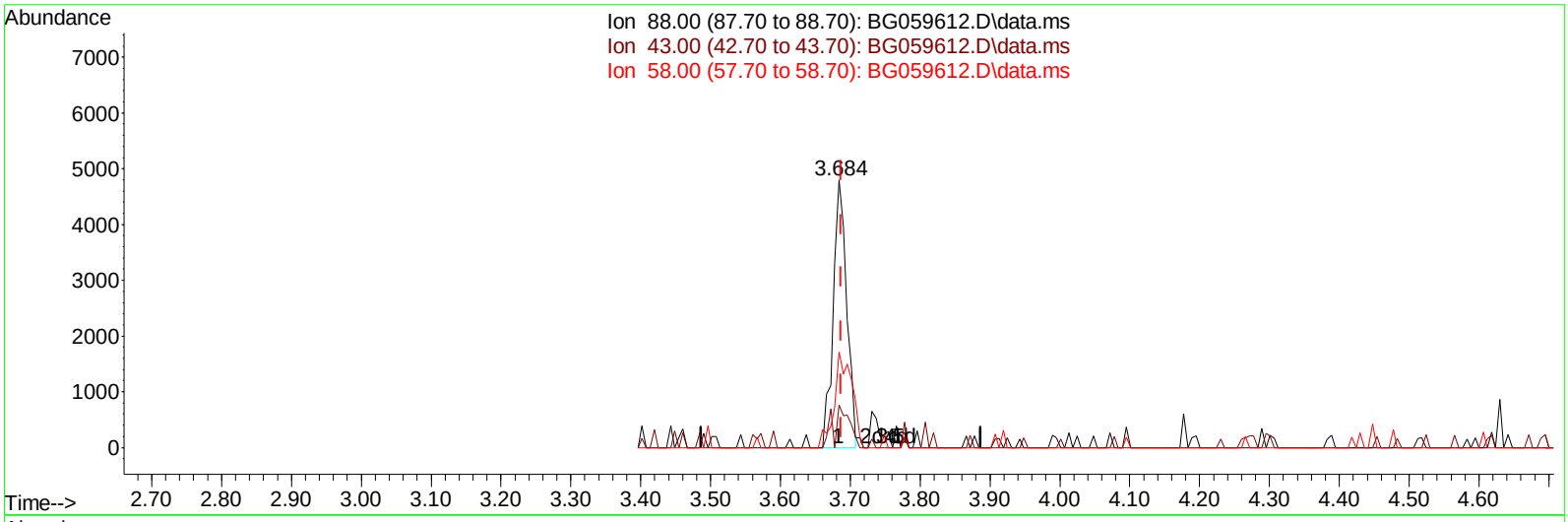
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

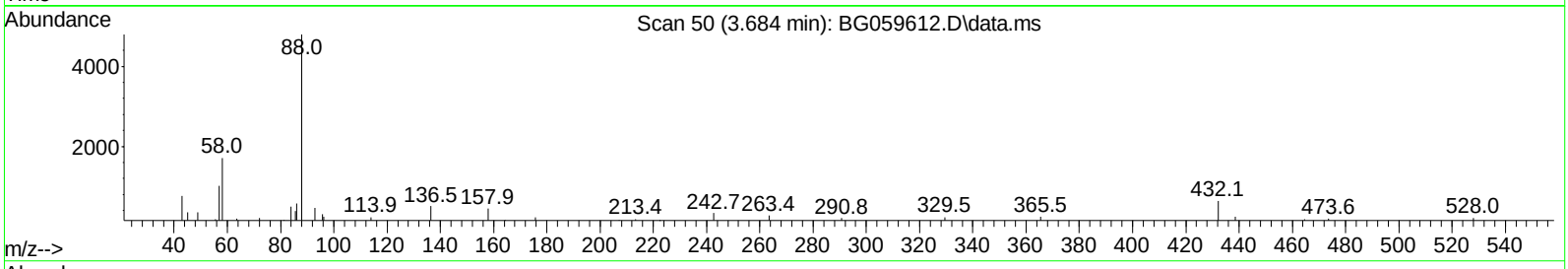
Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

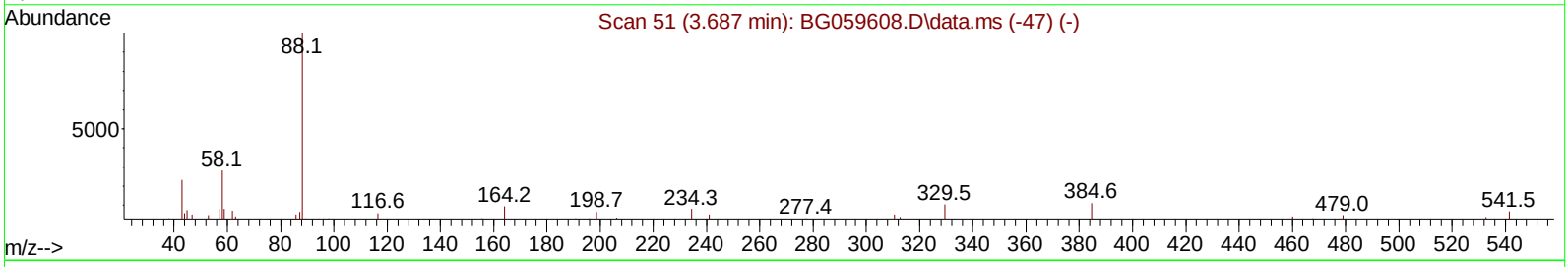
Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059612.D\data.ms

(2) 1,4-Dioxane

3.684min (-0.003) 5.93 ng/uL

response 6335

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	26.40	15.91#
58.00	28.40	35.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
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Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

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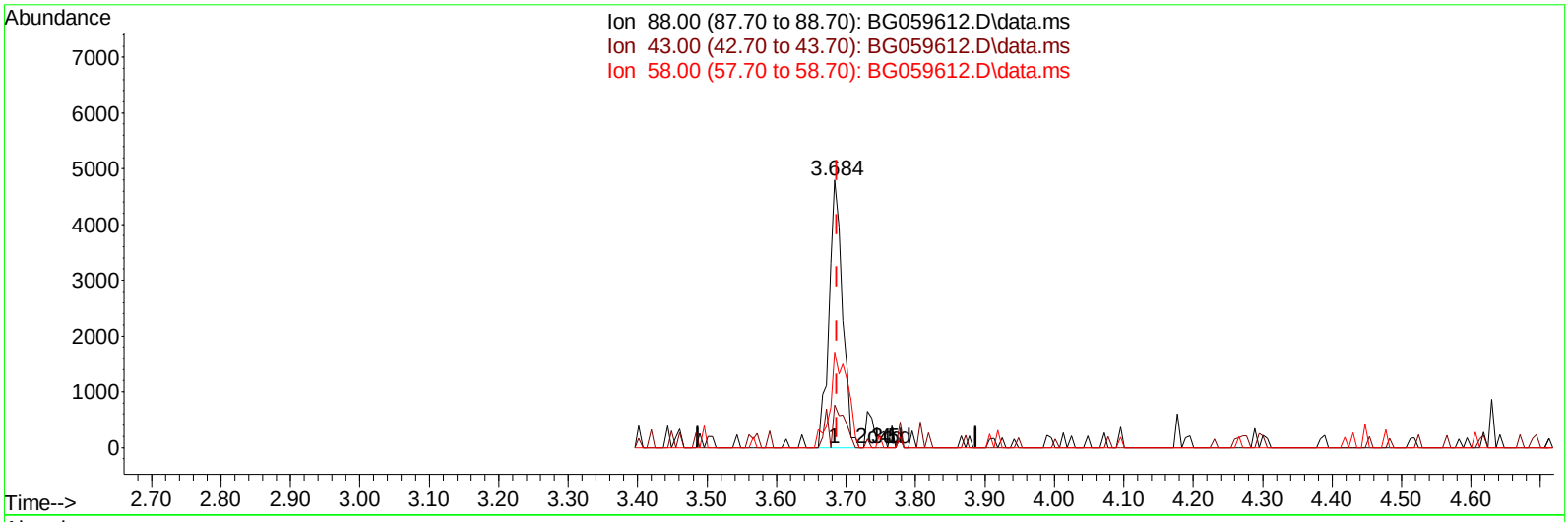

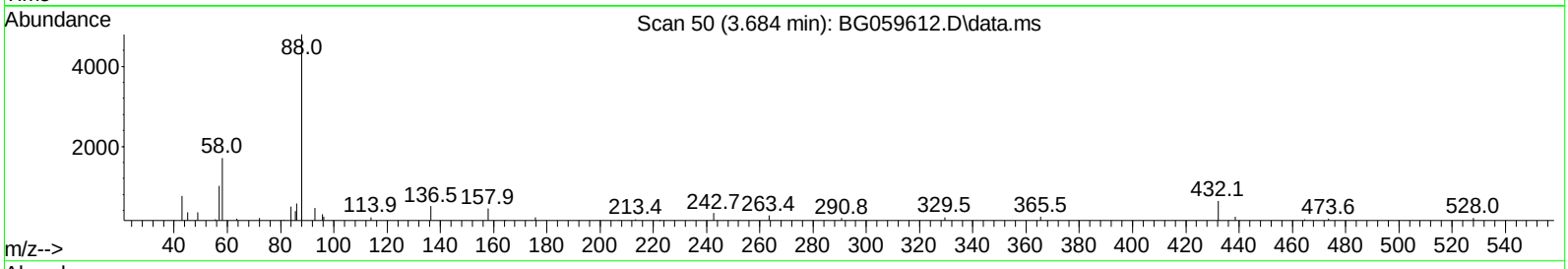

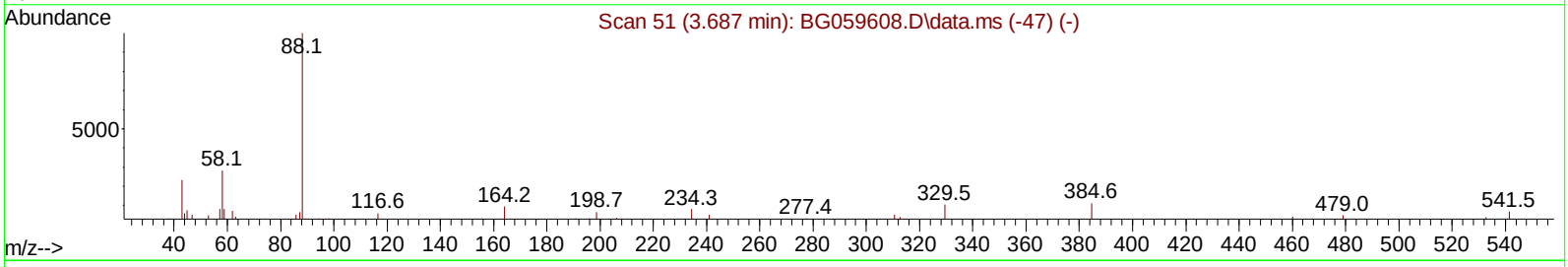

TIC: BG059612.D\data.ms

(2) 1,4-Dioxane

3.684min (-0.003) 5.99 ng/uL m

response 6397

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	26.40	15.91#
58.00	28.40	35.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
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Instrument :
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ClientSampleId :
SICV447

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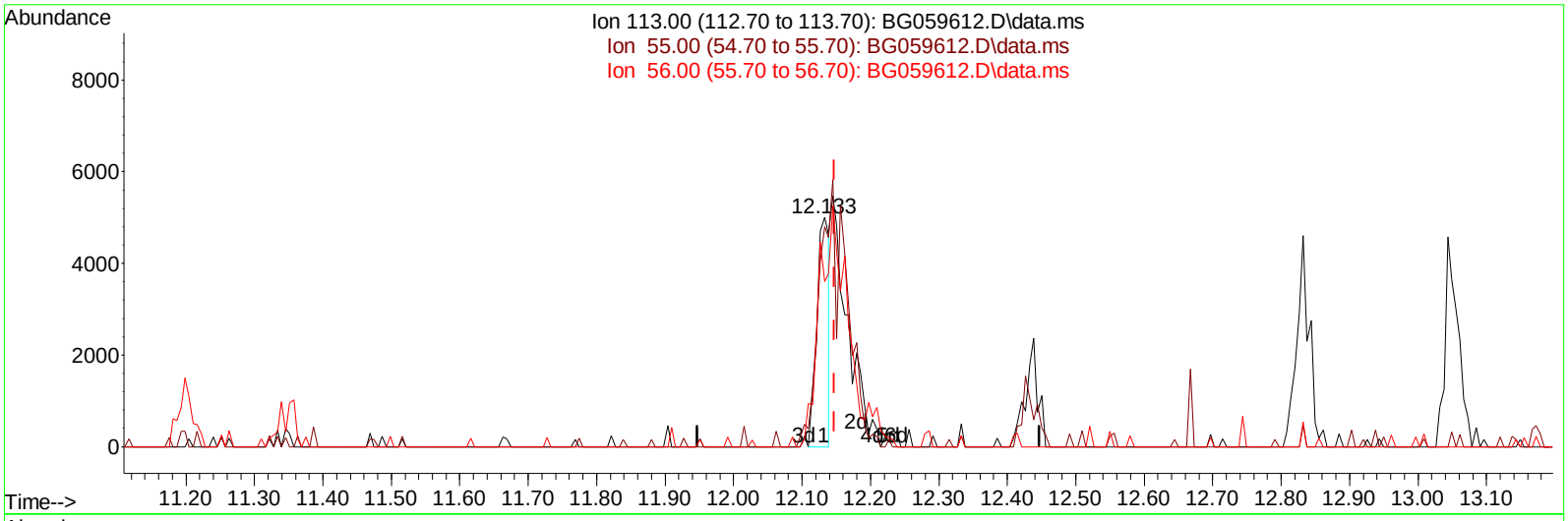

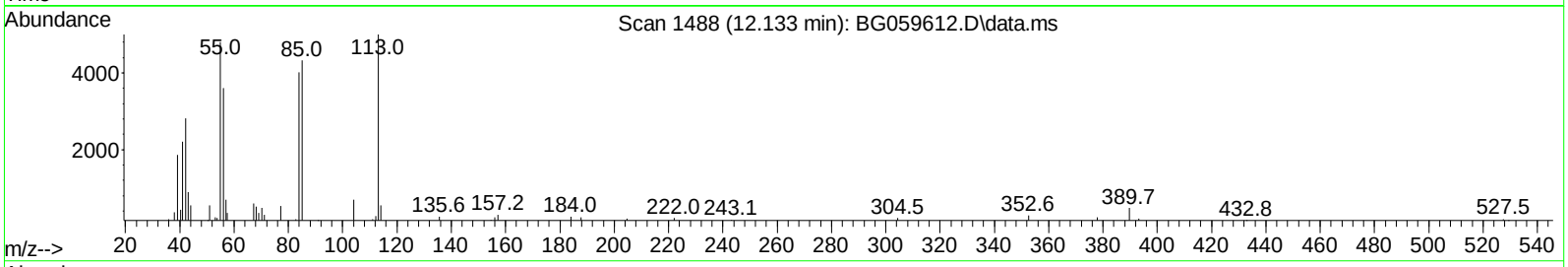

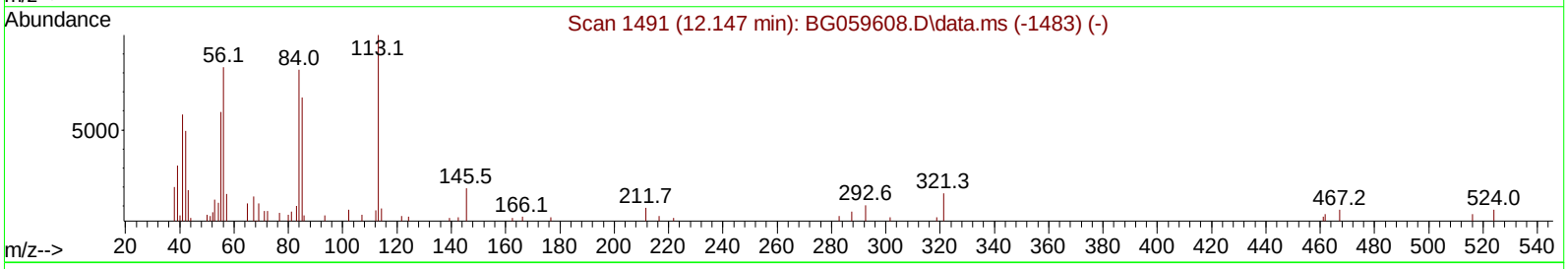

TIC: BG059612.D\data.ms

(34) Caprolactam

12.133min (-0.014) 7.66 ng/ul

response 6320

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	96.04#
56.00	83.20	72.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

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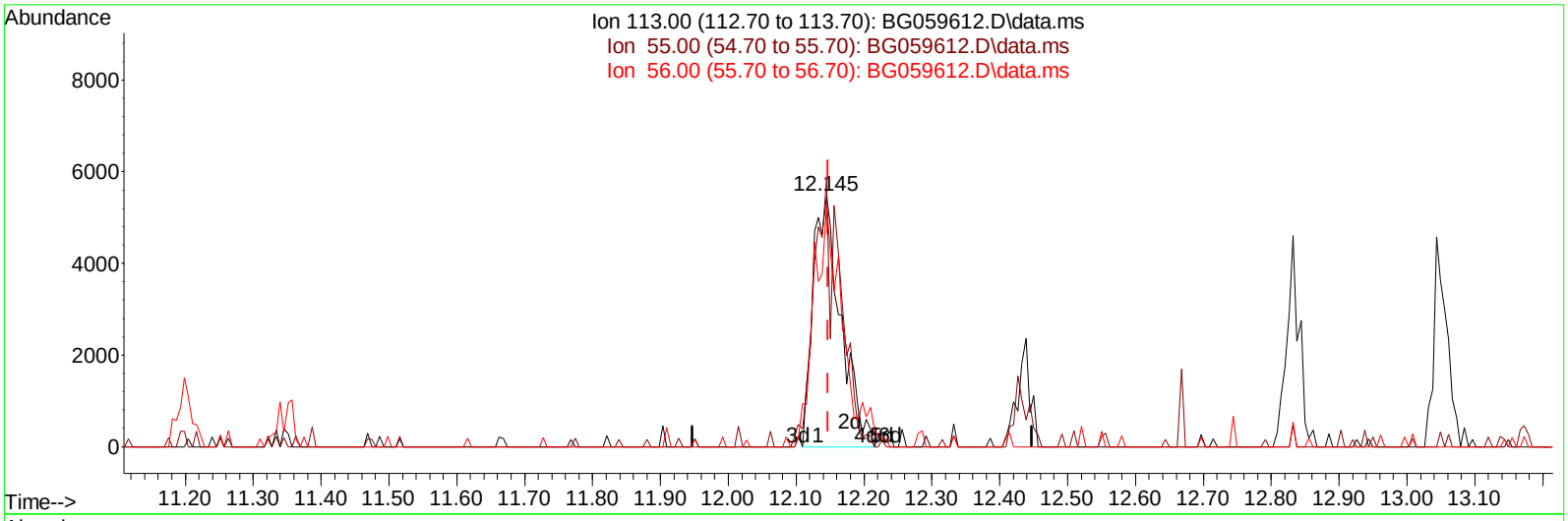

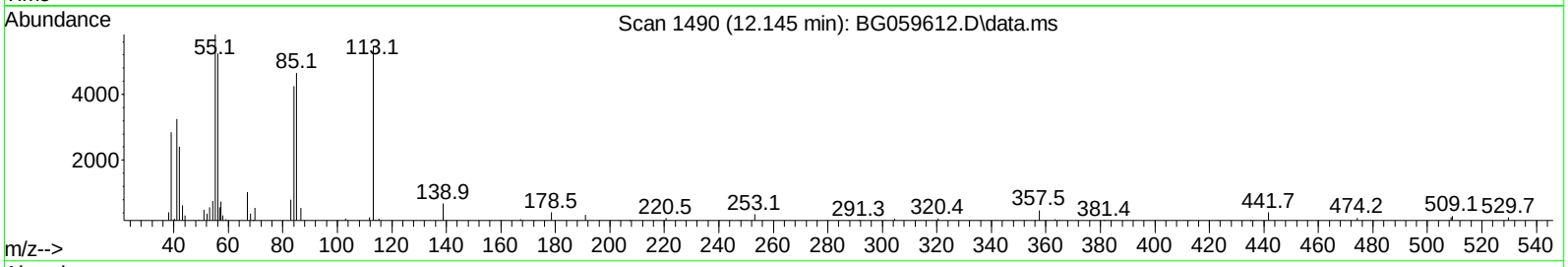

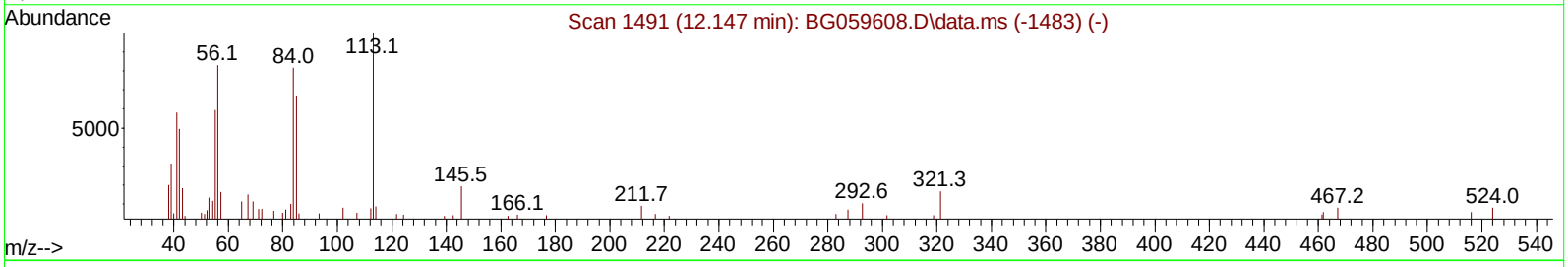

TIC: BG059612.D\data.ms

(34) Caprolactam

12.145min (-0.003) 19.01 ng/ul m

response 15693

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	106.38#
56.00	83.20	95.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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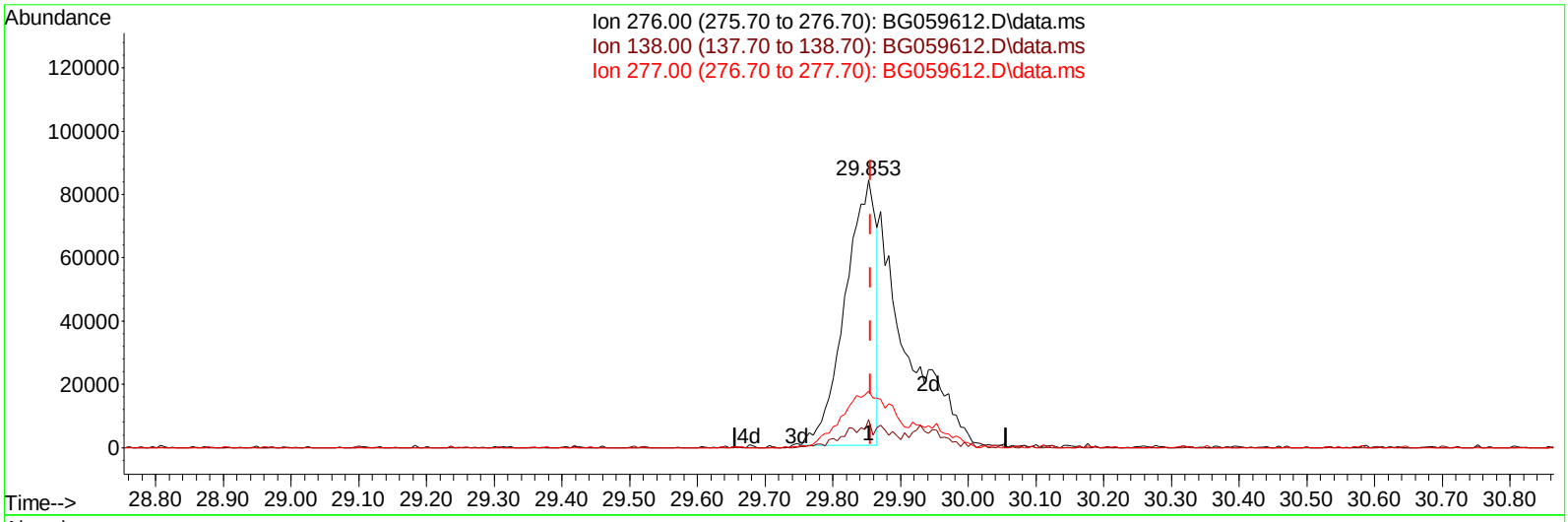
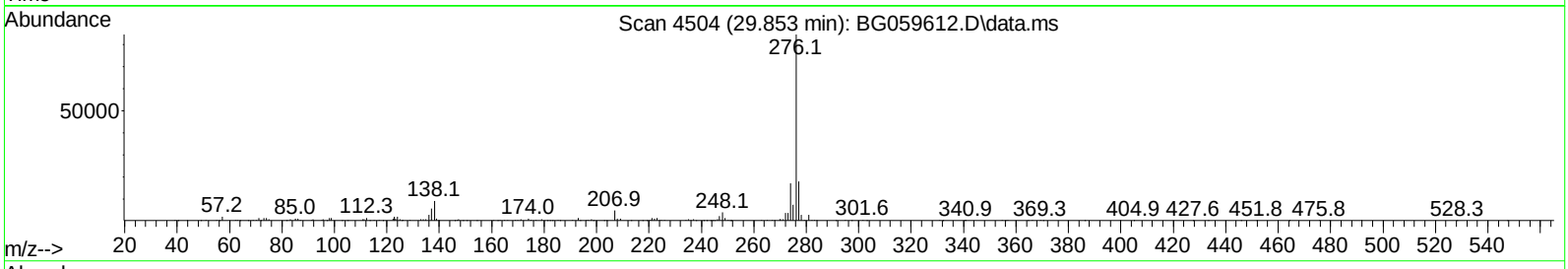
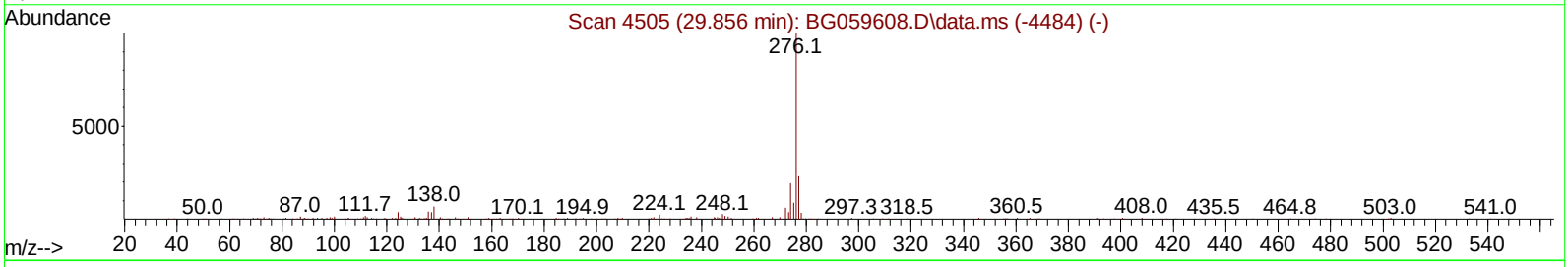






TIC: BG059612.D\data.ms

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

29.853min (-0.003) 14.09 ng/ul

response 264351

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	10.53#
277.00	23.10	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

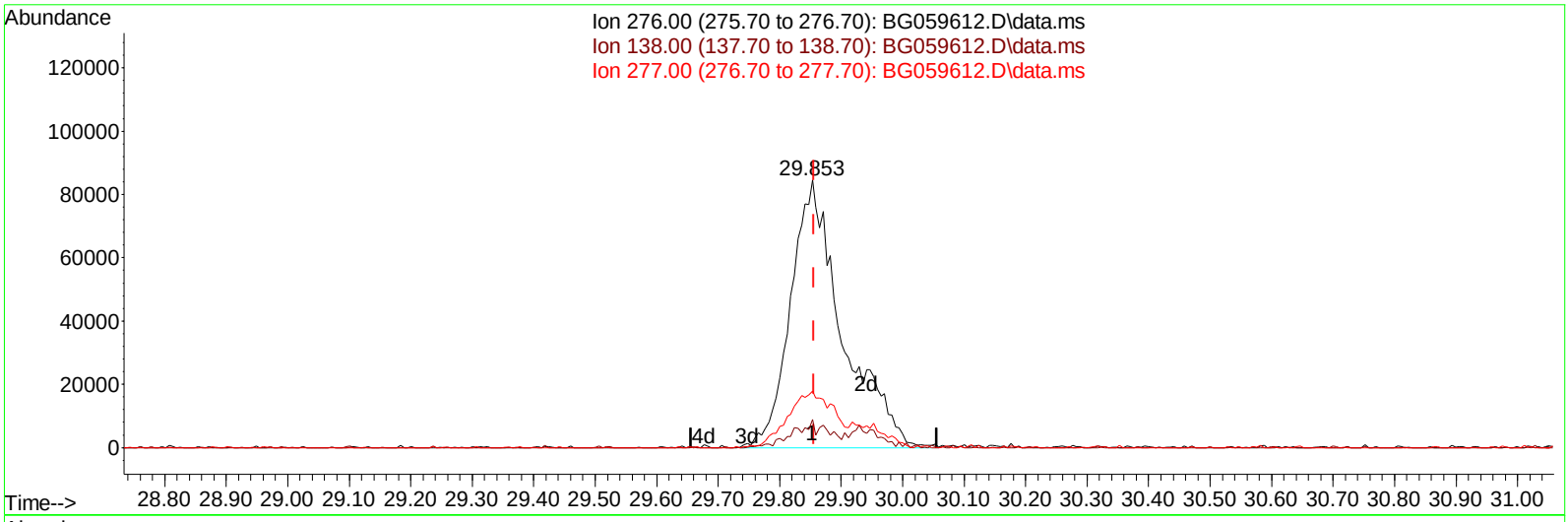
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

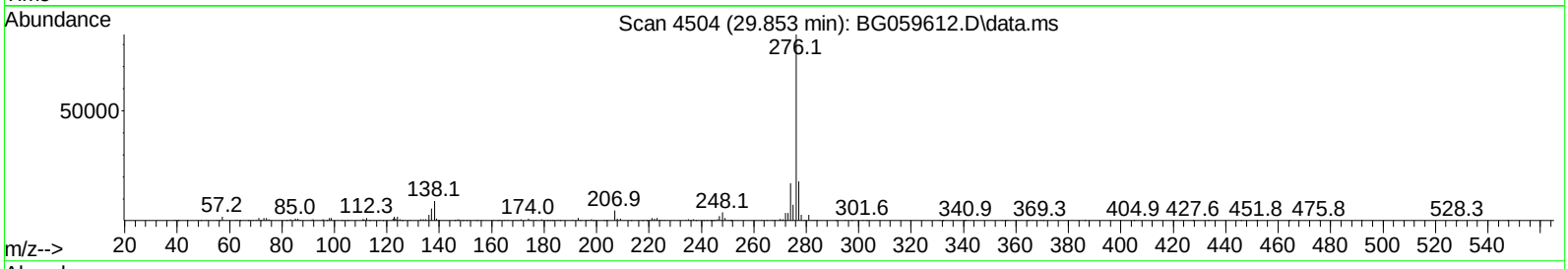
Quant Time: Nov 04 02:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

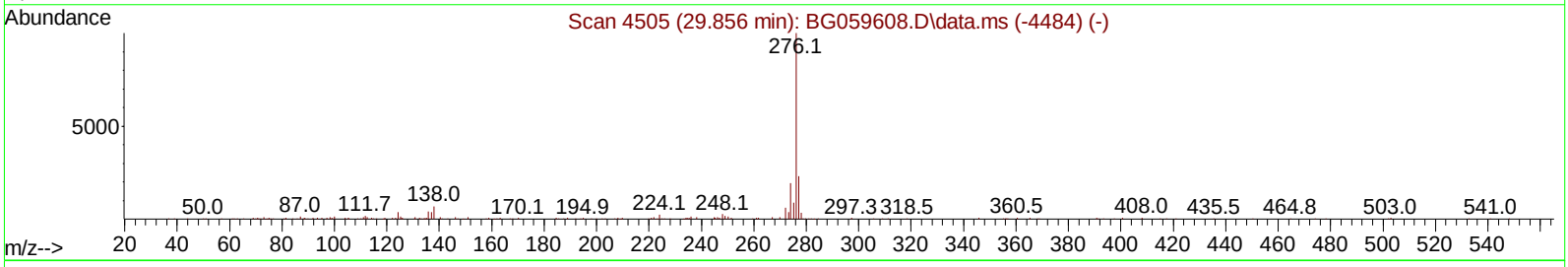
Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059612.D\data.ms

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

29.853min (-0.003) 26.32 ng/ul m

response 493907

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	10.53#
277.00	23.10	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:59:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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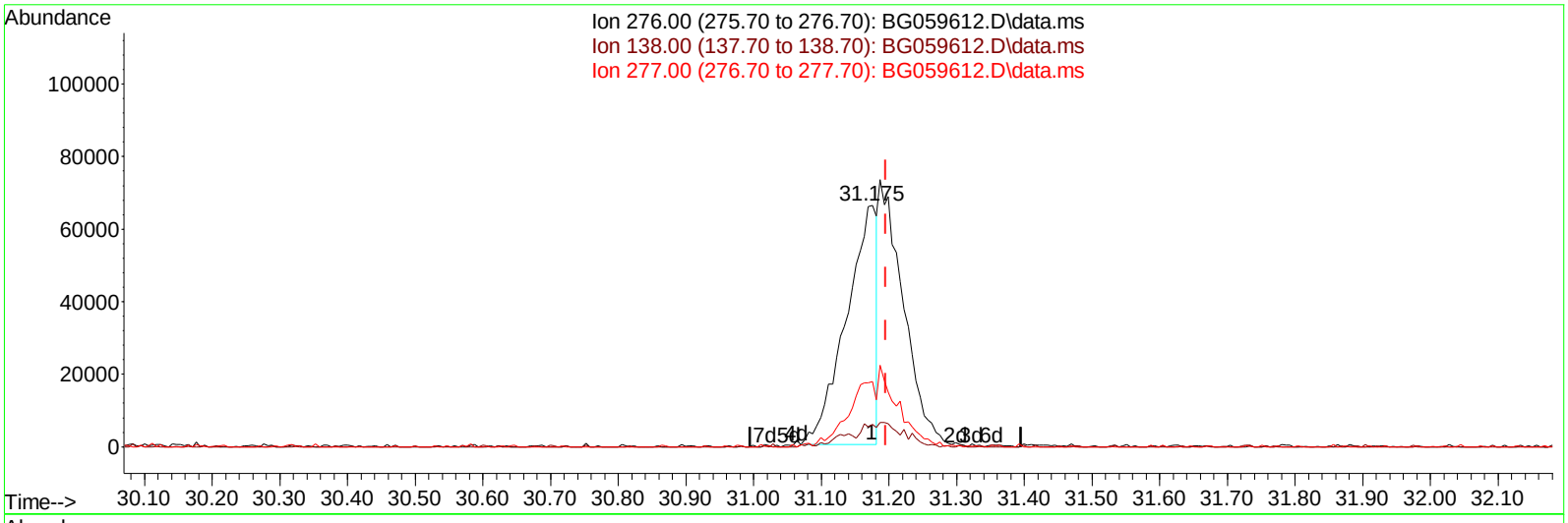

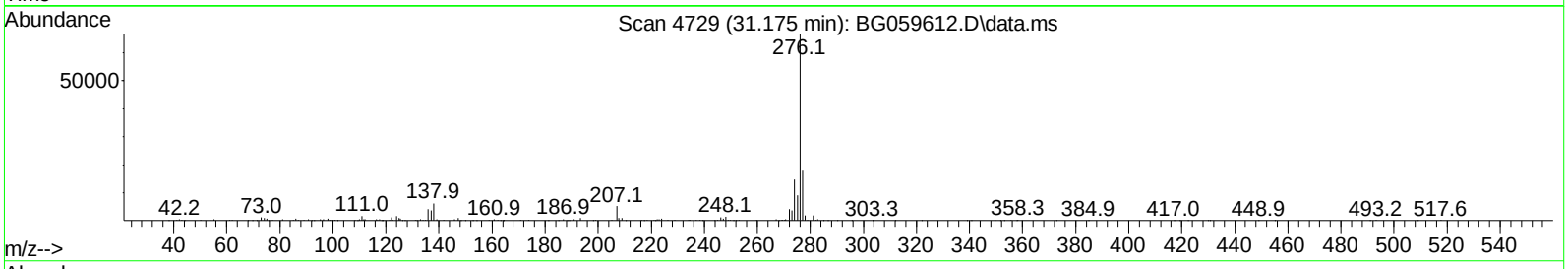

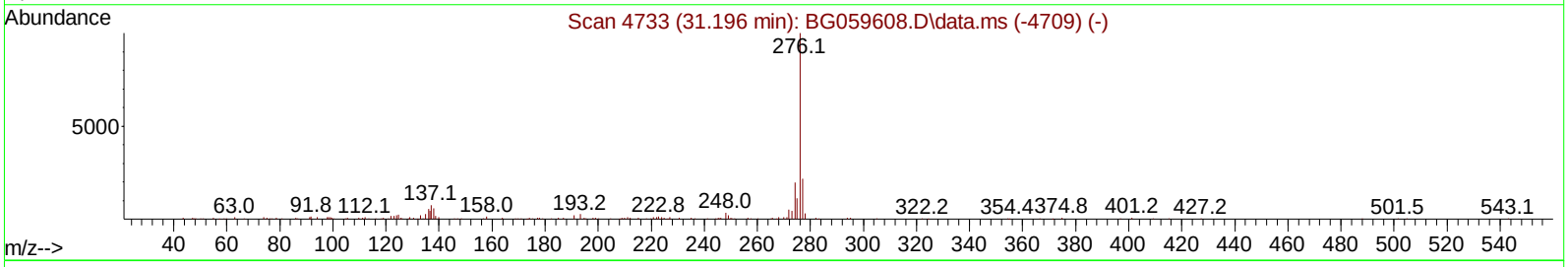

TIC: BG059612.D\data.ms

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

31.175min (-0.020) 14.00 ng/ul

response 206269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	9.41#
277.00	21.90	26.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:59:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

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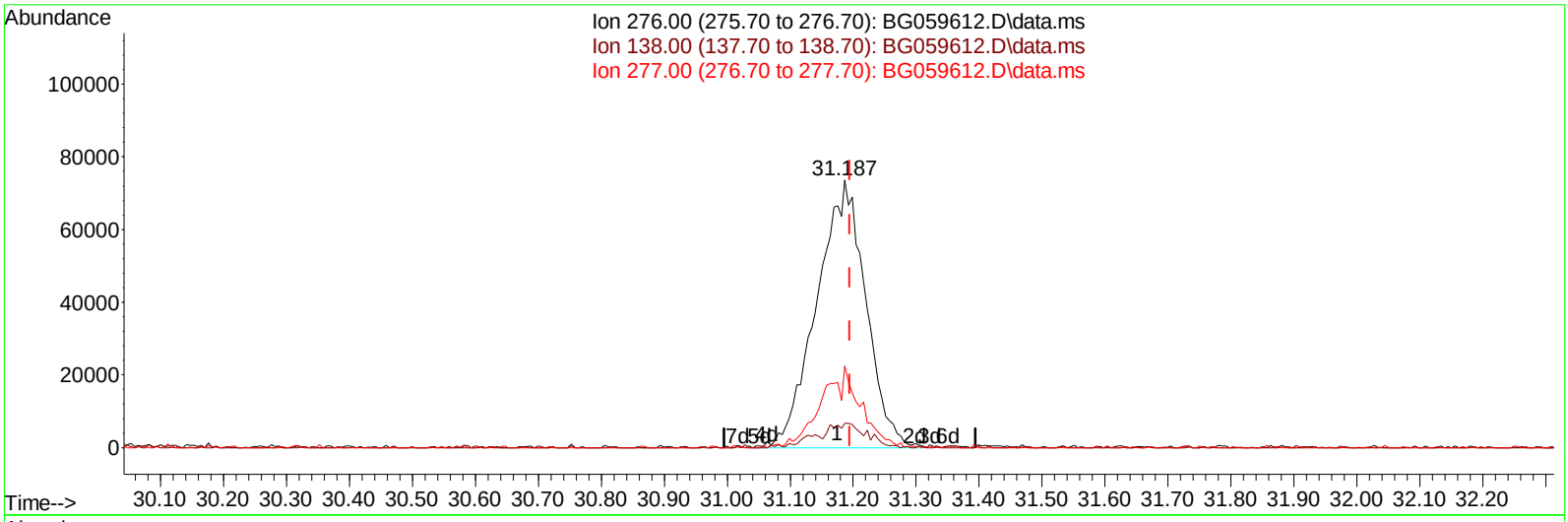

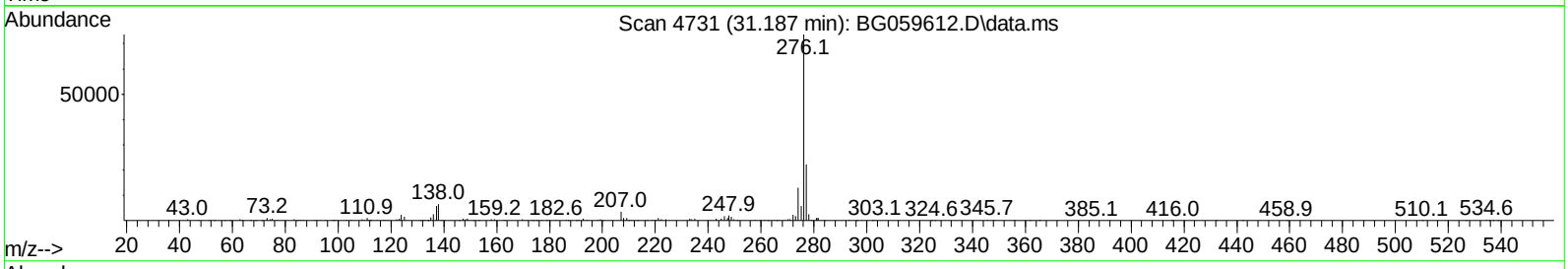

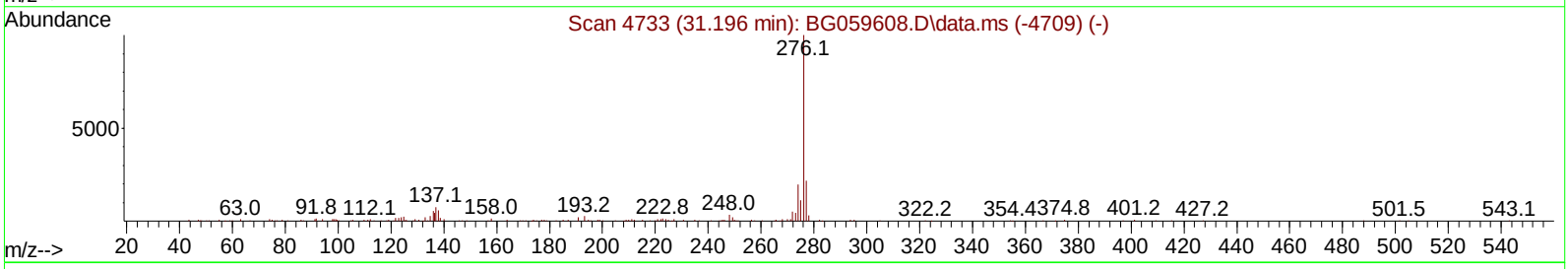

TIC: BG059612.D\data.ms

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

31.187min (-0.009) 27.01 ng/ul m

response 397906

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	9.05#
277.00	21.90	30.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:59:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
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Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	35039	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.199	136	156165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.982	164	103457	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.732	188	234367	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.068	240	198331	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	222836	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	6542	6.998	ng/uL	0.00
4) Pyridine-d5	4.083	84	50131	18.235	ng/ul	0.00
7) Phenol-d5	7.462	99	65797	18.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	32104	16.761	ng/ul	0.00
11) 2-Chlorophenol-d4	7.861	132	46604	19.155	ng/ul	0.00
15) 4-Methylphenol-d8	9.036	113	51008	17.398	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	25366	22.211	ng/ul	0.00
24) 2-Nitrophenol-d4	10.264	143	27473	19.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.799	165	52310	21.363	ng/ul	0.00
31) 4-Chloroaniline-d4	11.340	131	76419	19.832	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	171893	20.703	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	198416	20.040	ng/ul	0.00
54) 4-Nitrophenol-d4	15.153	143	28774	19.628	ng/ul	0.00
60) Fluorene-d10	15.969	176	153452	19.631	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	28498	19.211	ng/ul	0.00
73) Anthracene-d10	17.832	188	246371	20.085	ng/ul	0.00
81) Pyrene-d10	20.106	212	264717	20.857	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.423	264	258260	19.798	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.684	88	6397m	5.989	ng/uL	
5) Pyridine	4.101	79	52239	17.993	ng/ul#	95
6) Benzaldehyde	7.497	77	45598	20.133	ng/ul#	78
8) Phenol	7.491	94	67922	19.042	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.767	93	42784	17.361	ng/ul	97
12) 2-Chlorophenol	7.897	128	47274	18.626	ng/ul#	85
13) 2-Methylphenol	8.772	108	52436	17.769	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.860	45	19268	17.481	ng/ul	97
16) Acetophenone	9.195	105	88620	17.038	ng/ul#	72
17) N-Nitroso-di-n-propyla...	9.154	70	46108	16.778	ng/ul#	88
18) 4-Methylphenol	9.101	108	54811	17.349	ng/ul	88
19) Hexachloroethane	9.436	117	21262	19.109	ng/ul#	85
22) Nitrobenzene	9.595	77	73023	21.512	ng/ul#	88
23) Isophorone	10.100	82	145284	18.585	ng/ul#	93
25) 2-Nitrophenol	10.300	139	27498	18.534	ng/ul#	78
26) 2,4-Dimethylphenol	10.329	107	72735	19.337	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.588	93	62405	18.505	ng/ul#	97
29) 2,4-Dichlorophenol	10.823	162	49889	21.078	ng/ul#	84
30) Naphthalene	11.251	128	180065	19.694	ng/ul	97
32) 4-Chloroaniline	11.369	127	73261	19.985	ng/ul	98
33) Hexachlorobutadiene	11.486	225	32288	19.395	ng/ul	94
34) Caprolactam	12.145	113	15693m	19.010	ng/ul	
35) 4-Chloro-3-methylphenol	12.432	107	61166	19.081	ng/ul	89

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:59:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.832	142	132868	19.943	ng/ul	92
37) 1-Methylnaphthalene	13.044	142	130654	19.201	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.173	216	58597	20.274	ng/ul#	90
40) Hexachlorocyclopentadiene	13.132	237	38890	18.688	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.414	196	39967	21.275	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.478	196	45282	21.827	ng/ul#	82
43) 1,1'-Biphenyl	13.819	154	176155	19.918	ng/ul	98
44) 2-Chloronaphthalene	13.872	162	131778	20.002	ng/ul#	91
45) 2-Nitroaniline	14.083	65	37000	22.408	ng/ul	91
47) Dimethylphthalate	14.424	163	172181	20.374	ng/ul	98
48) 2,6-Dinitrotoluene	14.565	165	31800	20.881	ng/ul#	76
50) Acenaphthylene	14.712	152	226184	20.248	ng/ul	100
51) 3-Nitroaniline	14.900	138	34787	20.758	ng/ul#	84
52) Acenaphthene	15.047	153	143136	19.435	ng/ul	97
53) 2,4-Dinitrophenol	15.094	184	19700	18.374	ng/ul#	81
55) 4-Nitrophenol	15.170	109	51870	19.903	ng/ul	89
56) Dibenzofuran	15.382	168	200424	20.053	ng/ul	96
57) 2,4-Dinitrotoluene	15.341	165	47745	20.977	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.582	232	36426	20.285	ng/ul#	84
59) Diethylphthalate	15.770	149	181576	20.426	ng/ul	99
61) Fluorene	16.028	166	169398	19.746	ng/ul#	92
62) 4-Chlorophenyl-phenyle...	16.011	204	85694	20.531	ng/ul	98
63) 4-Nitroaniline	16.058	138	37718	23.278	ng/ul	80
66) 4,6-Dinitro-2-methylph...	16.087	198	28206	19.592	ng/ul#	96
67) N-Nitrosodiphenylamine	16.228	169	152335	19.826	ng/ul	99
68) 4-Bromophenyl-phenylether	16.910	248	53176	21.466	ng/ul	92
69) Hexachlorobenzene	16.998	284	50810	21.906	ng/ul#	82
70) Atrazine	17.162	200	56851	21.605	ng/ul	93
71) Pentachlorophenol	17.350	266	34512	21.330	ng/ul	95
72) Phenanthrene	17.779	178	291436	21.228	ng/ul	95
74) Anthracene	17.867	178	286530	19.756	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.778	216	58299	20.342	ng/uL	91
76) Pentachlorobenzene	15.276	250	58177	20.080	ng/uL	98
77) Carbazole	18.143	167	264855	21.218	ng/ul	94
78) Di-n-butylphthalate	18.655	149	316213	22.379	ng/ul	98
80) Fluoranthene	19.771	202	328028	21.078	ng/ul#	94
82) Pyrene	20.135	202	331878	21.190	ng/ul#	96
83) Butylbenzylphthalate	20.999	149	134084	22.840	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.957	252	116933	23.844	ng/ul#	85
85) Benzo(a)anthracene	22.045	228	324175	20.850	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.886	149	189309	21.596	ng/ul#	95
87) Chrysene	22.121	228	293759	20.810	ng/ul	97
89) Di-n-octyl phthalate	23.232	149	320640	26.093	ng/ul	100
90) Benzo(b)fluoranthene	24.507	252	321832	21.207	ng/ul	95
91) Benzo(k)fluoranthene	24.583	252	317046	20.482	ng/ul#	99
93) Benzo(a)pyrene	25.499	252	290831	19.822	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.853	276	493907m	26.325	ng/ul	
95) Dibenzo(a,h)anthracene	29.941	278	401953	25.820	ng/ul#	94
96) Benzo(g,h,i)perylene	31.187	276	397906m	27.014	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SICV447

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059612.D
Acq On : 3 Nov 2023 23:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 02:59:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV447

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