

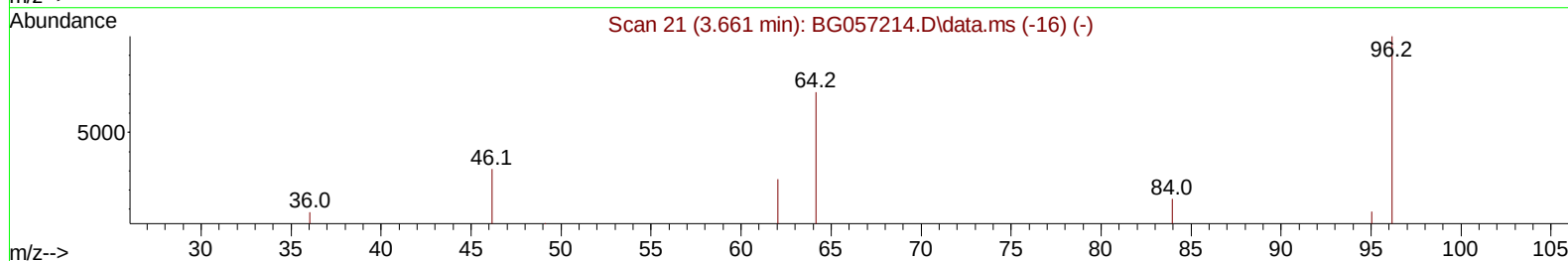
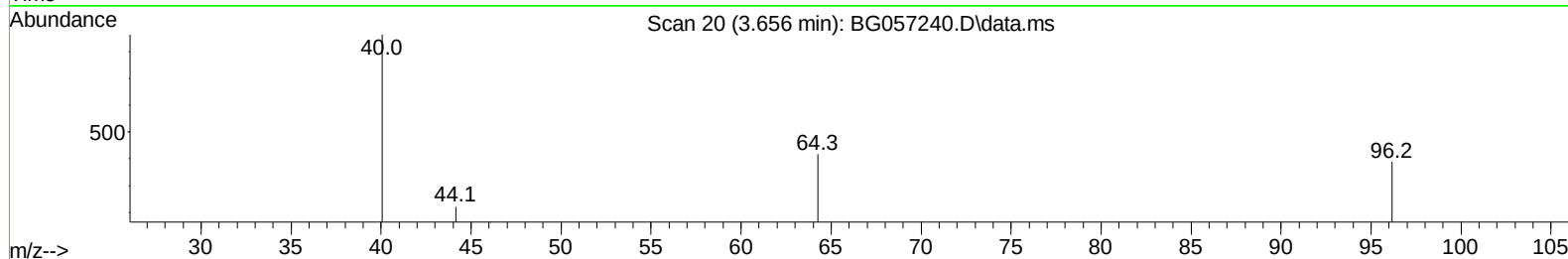
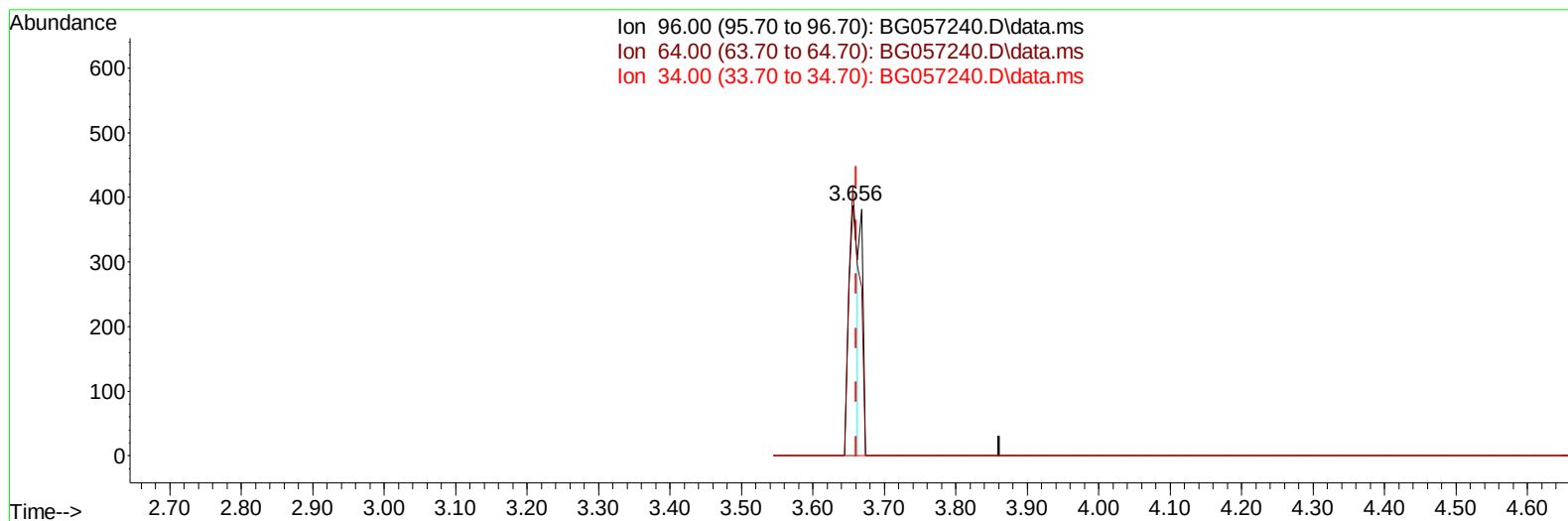
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:29:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.656min (-0.005) 1.16 ng/uL****response 336**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.80	107.47#
34.00	0.00	0.00
0.00	0.00	0.00

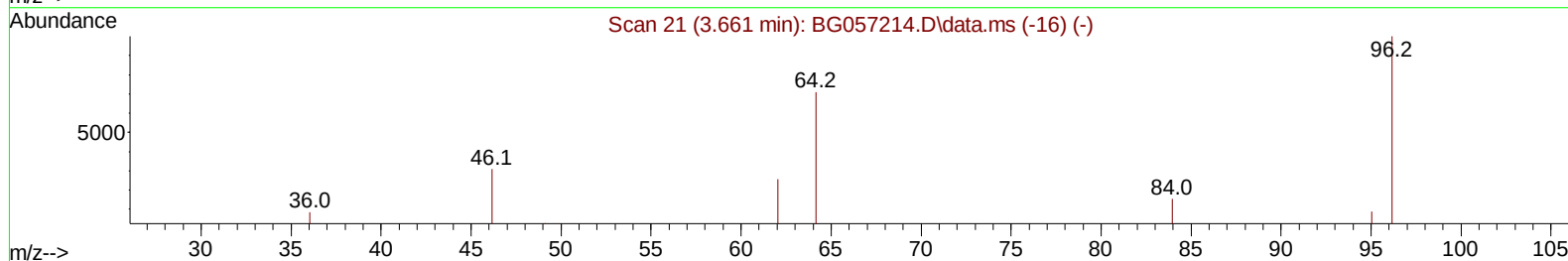
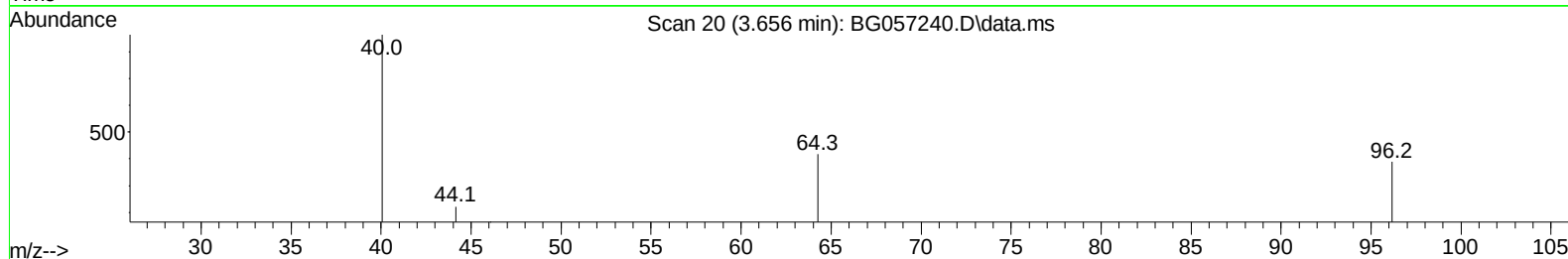
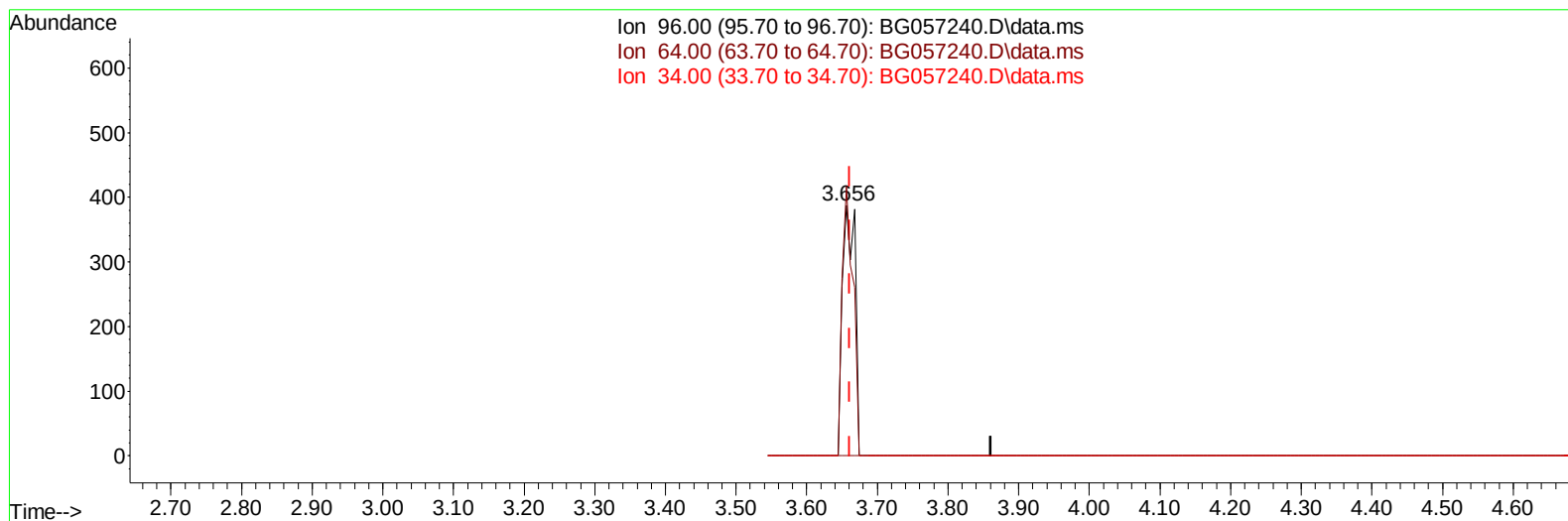
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:29:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

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

3.656min (-0.005) 1.62 ng/uL m

response 471

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.80	107.47#
34.00	0.00	0.00
0.00	0.00	0.00

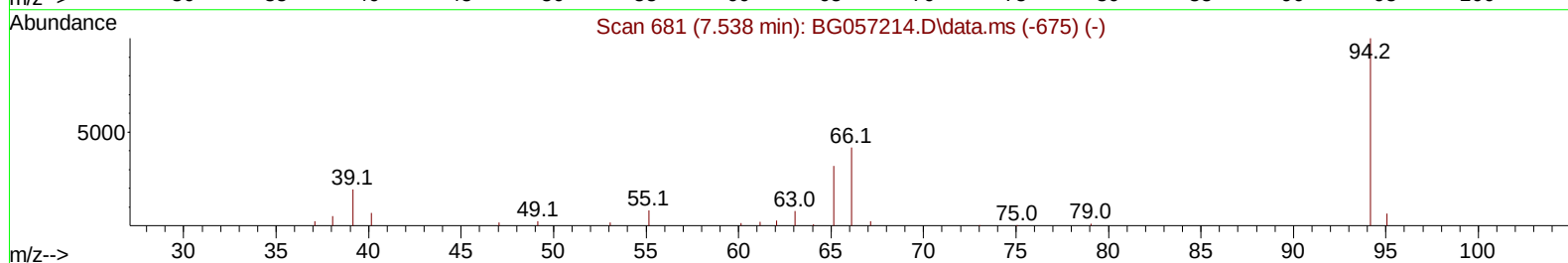
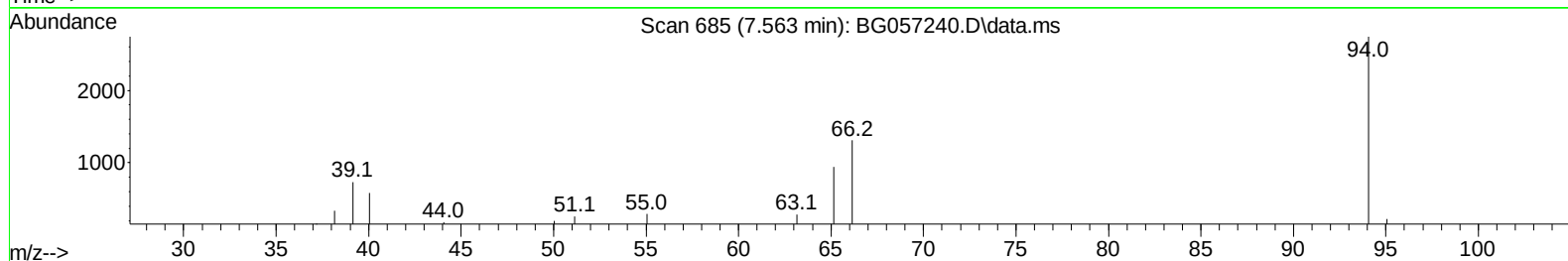
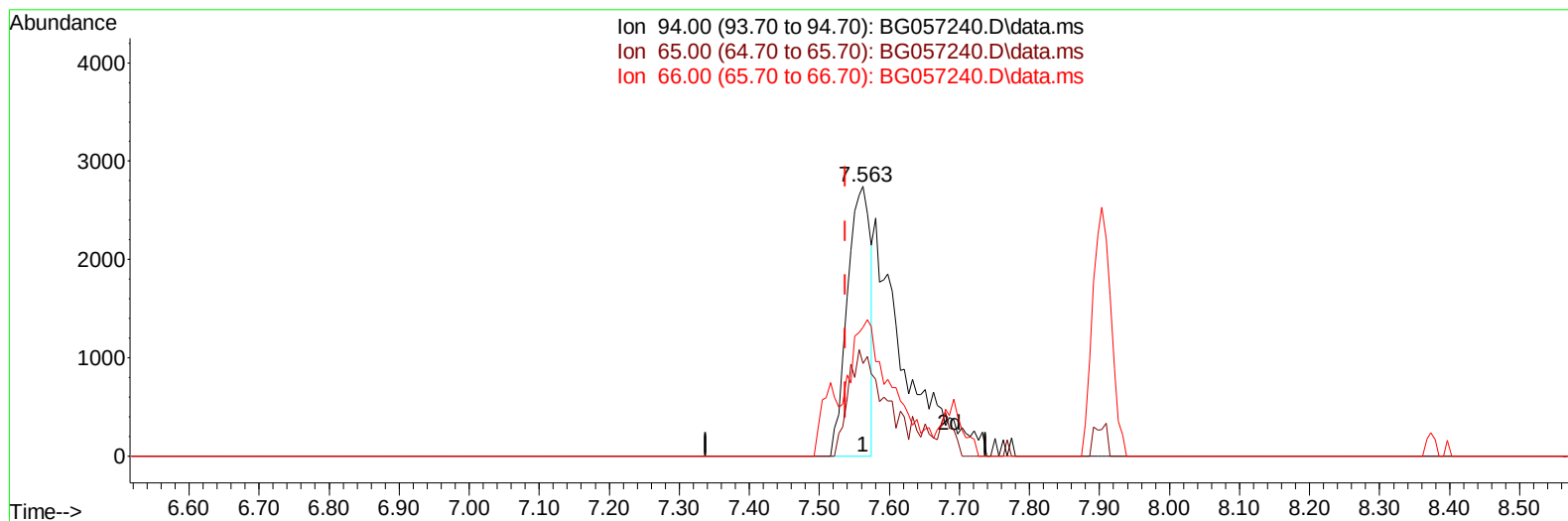
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:36:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(8) Phenol

7.563min (+ 0.025) 5.18 ng/u1

response 6311

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	34.28
66.00	46.10	47.70
0.00	0.00	0.00

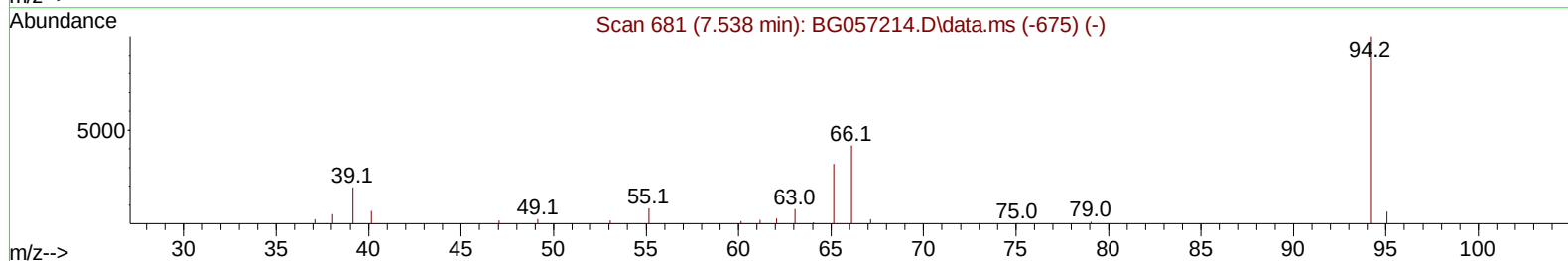
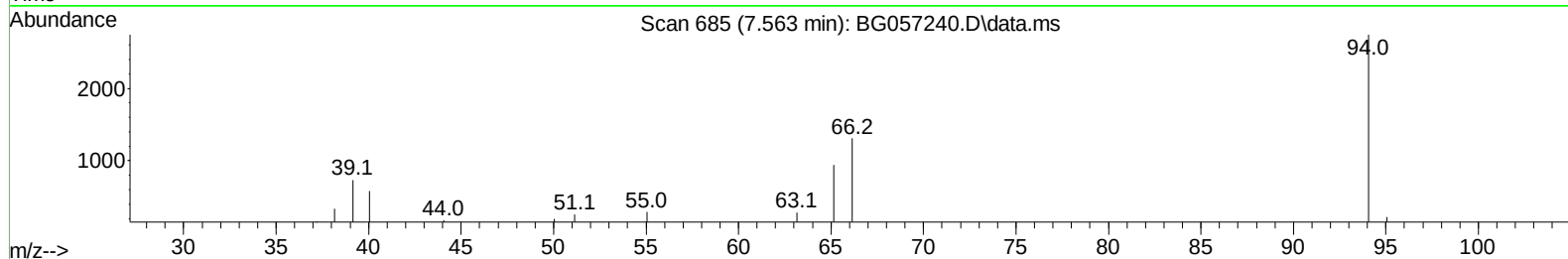
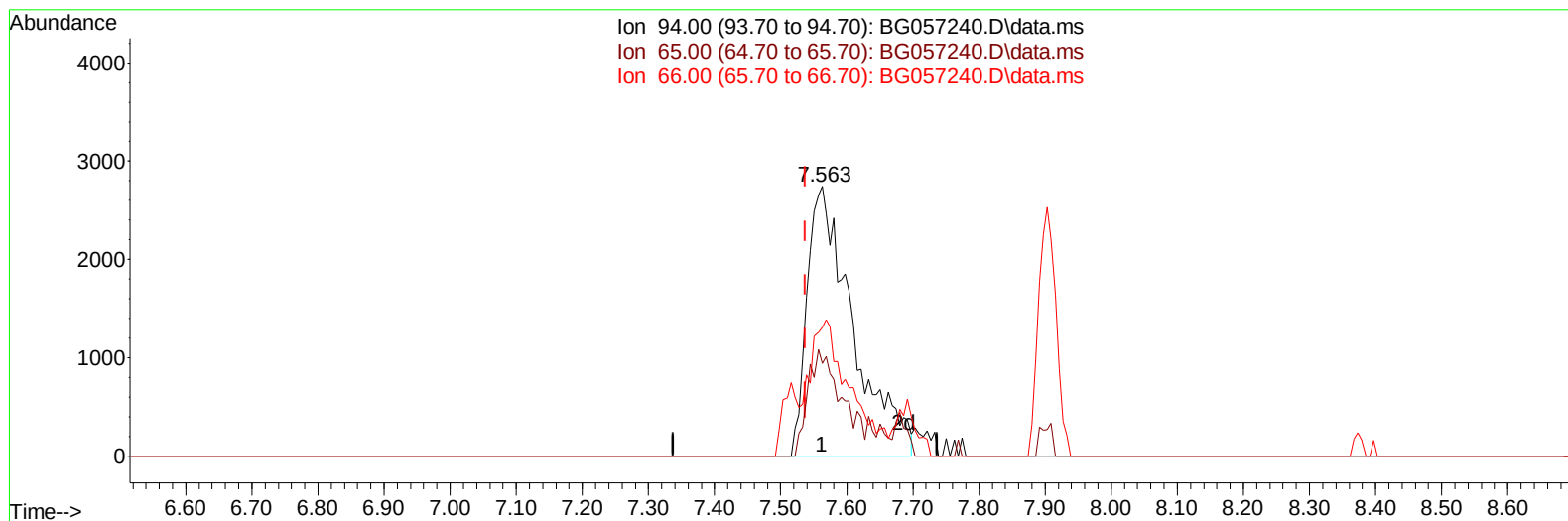
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:36:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(8) Phenol

7.563min (+ 0.025) 10.77 ng/ul m

response 13127

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	34.28
66.00	46.10	47.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_G

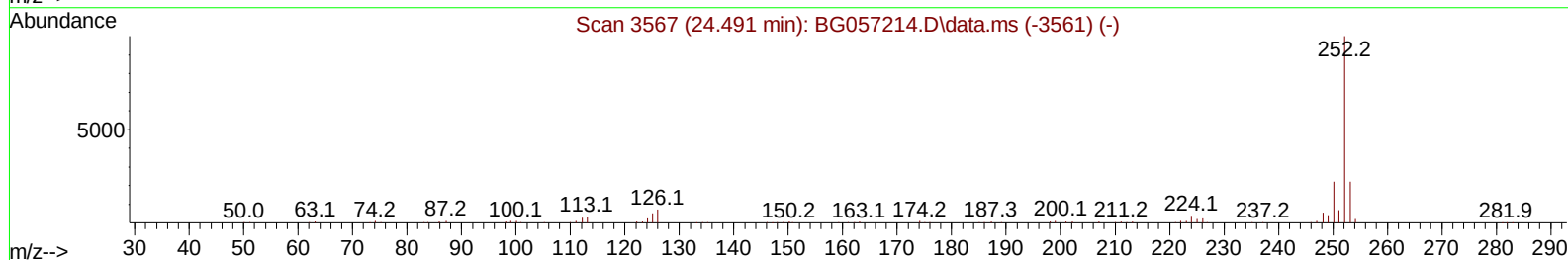
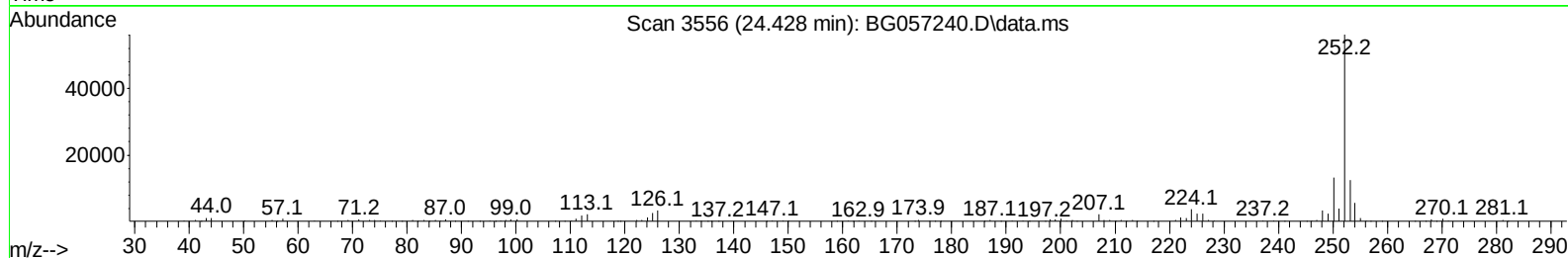
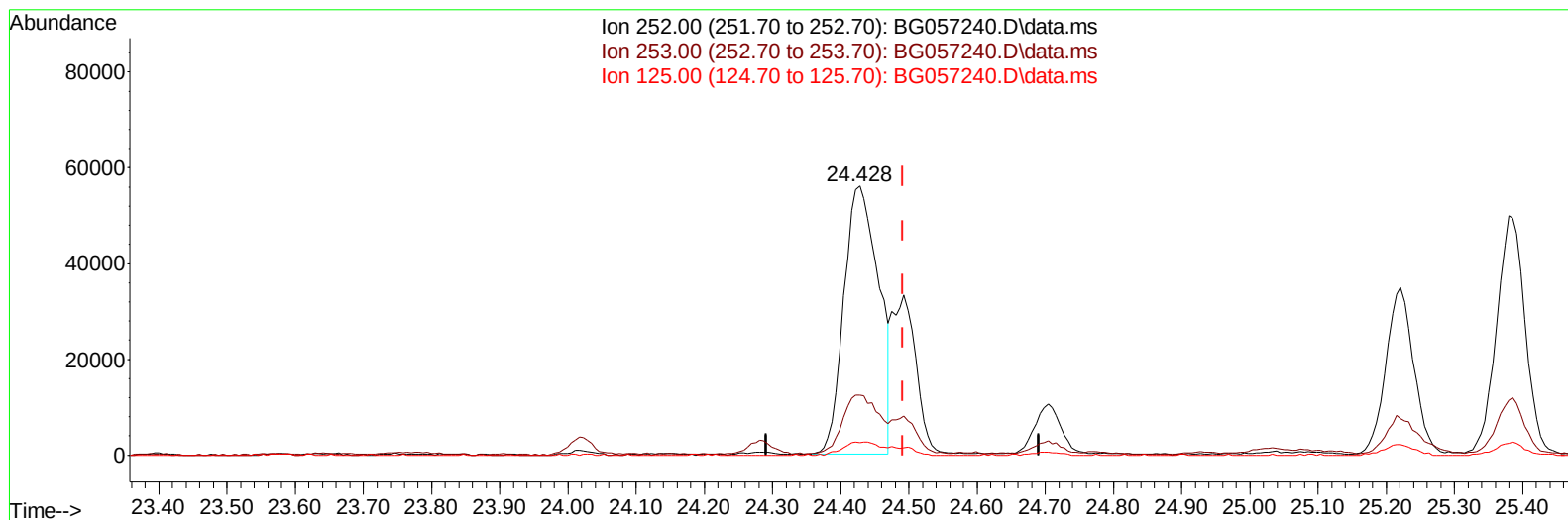
ClientSampleId :

EW8Y2

Manual IntegrationsAPPROVED

Quant Time: May 01 00:36:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057240.D\data.ms

(91) Benzo(k)fluoranthene

24.428min (-0.063) 28.20 ng/u1

response 198311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.27
125.00	5.60	4.73
0.00	0.00	0.00

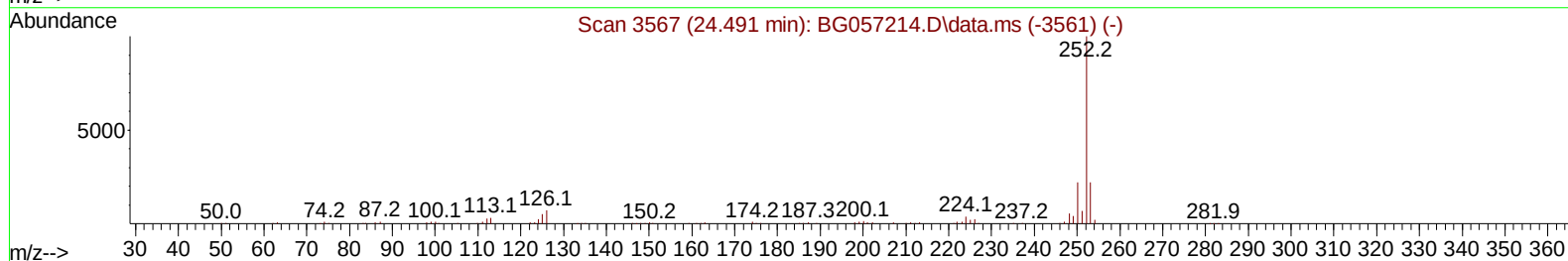
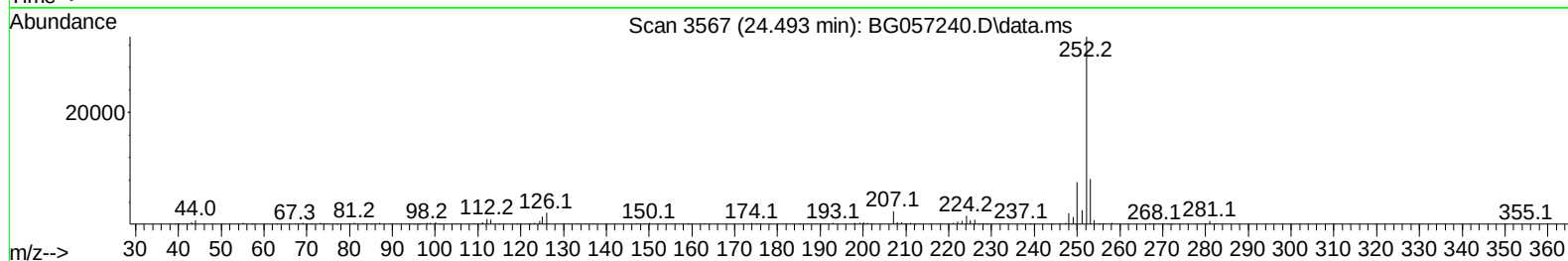
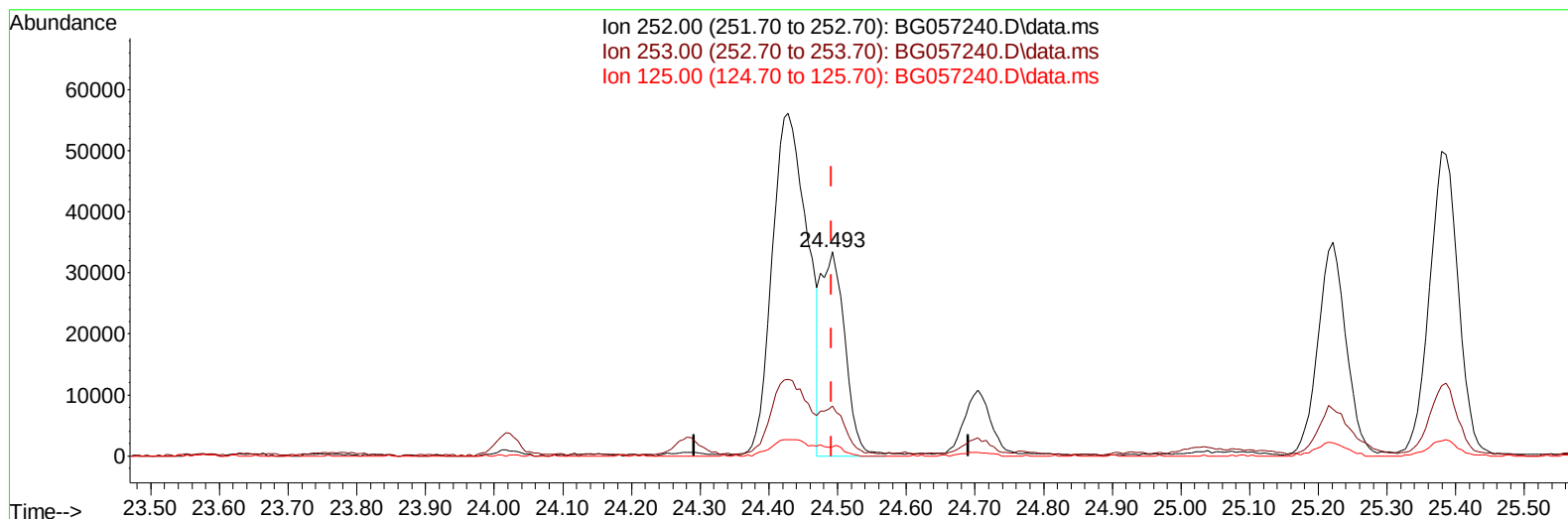
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Quant Time: May 01 00:36:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057240.D\data.ms

(91) Benzo(k)fluoranthene

24.493min (+ 0.001) 11.50 ng/ul m

response 80833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.32
125.00	5.60	4.56
0.00	0.00	0.00

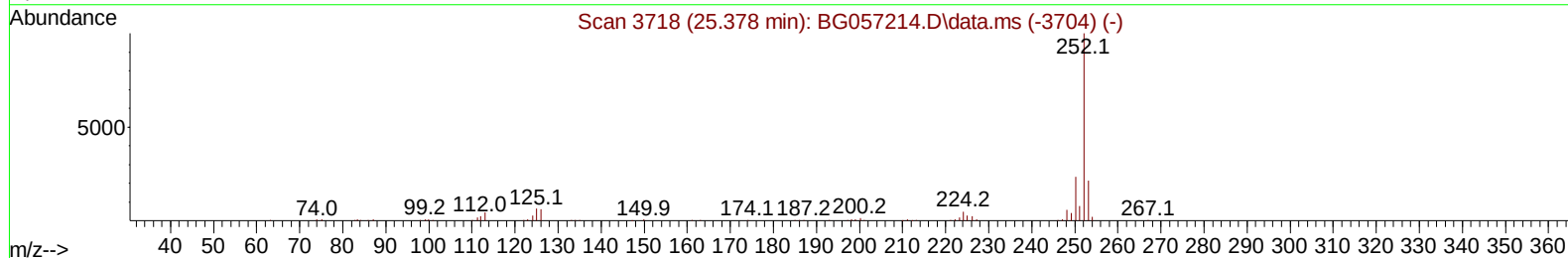
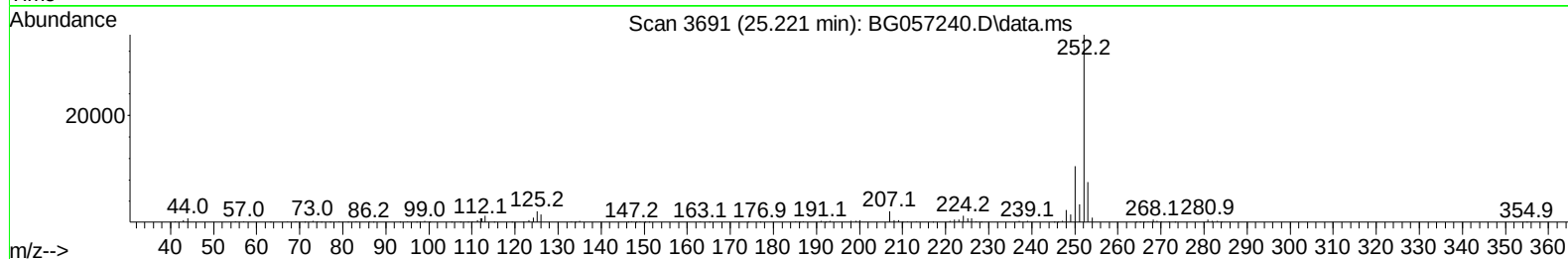
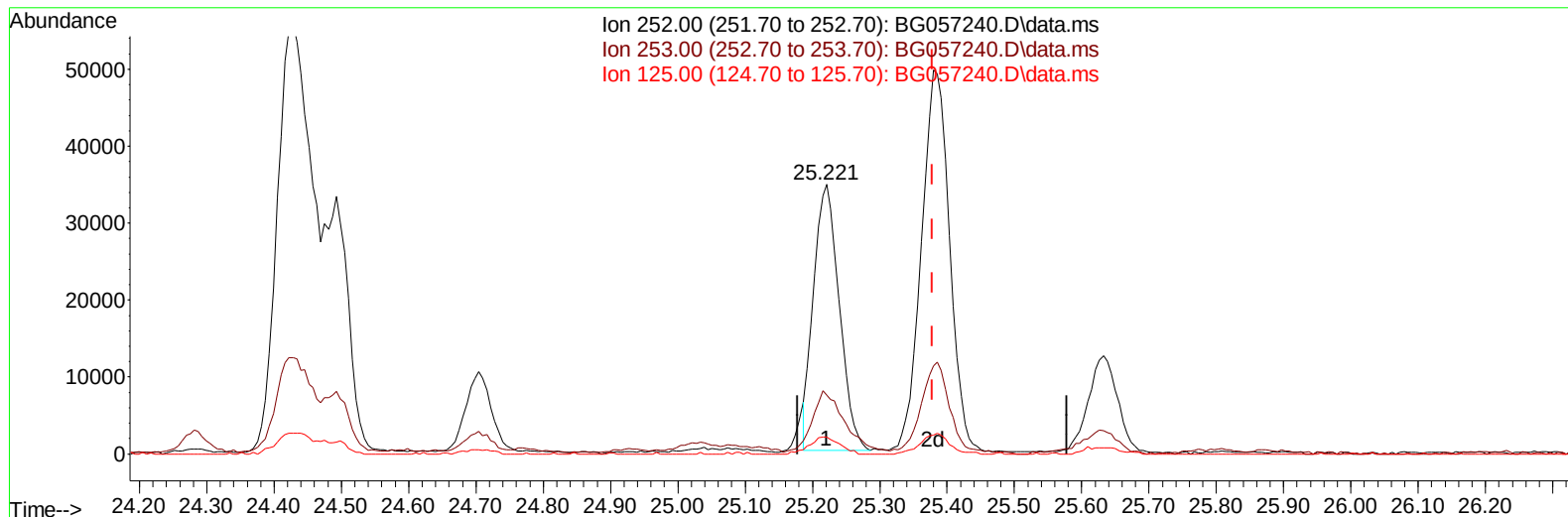
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:36:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(93) Benzo(a)pyrene (C)

25.221min (-0.157) 14.67 ng/u1

response 91527

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.87
125.00	6.40	6.19
0.00	0.00	0.00

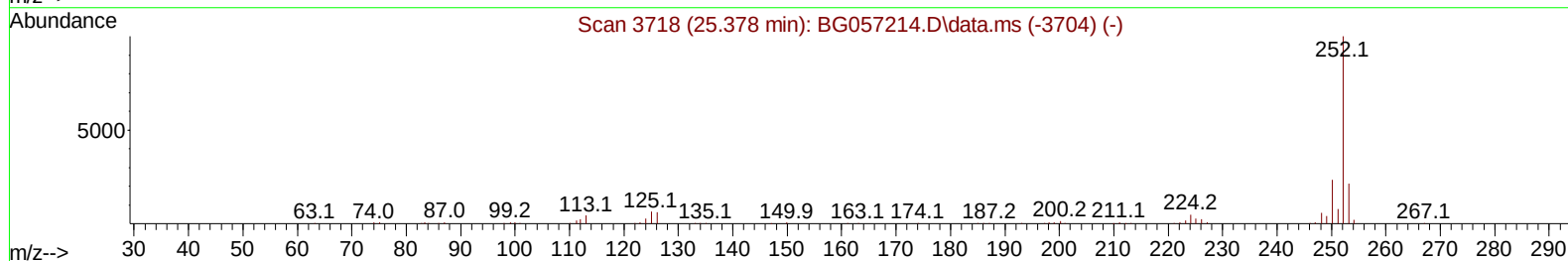
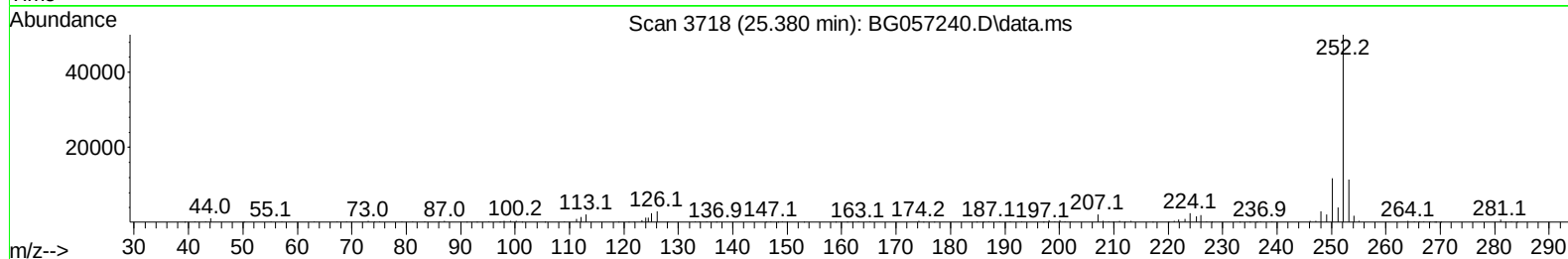
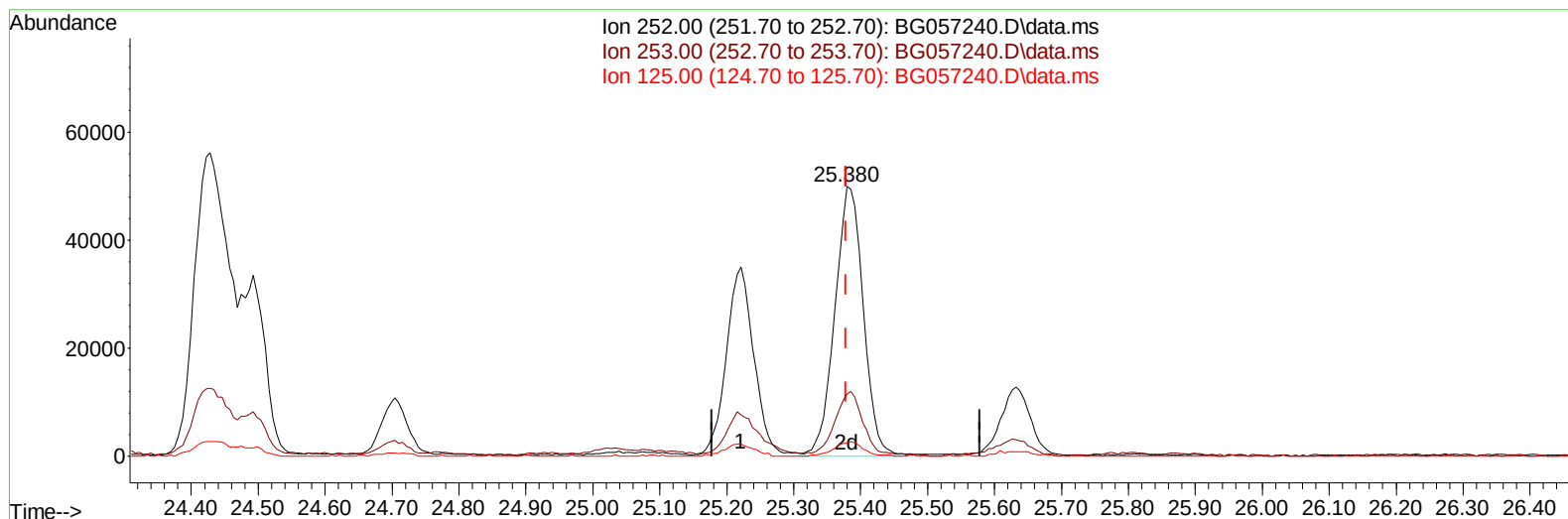
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Quant Time: May 01 00:36:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057240.D\data.ms

(93) Benzo(a)pyrene (C)

25.380min (+ 0.001) 23.62 ng/ul m

response 147361

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.99
125.00	6.40	4.97#
0.00	0.00	0.00

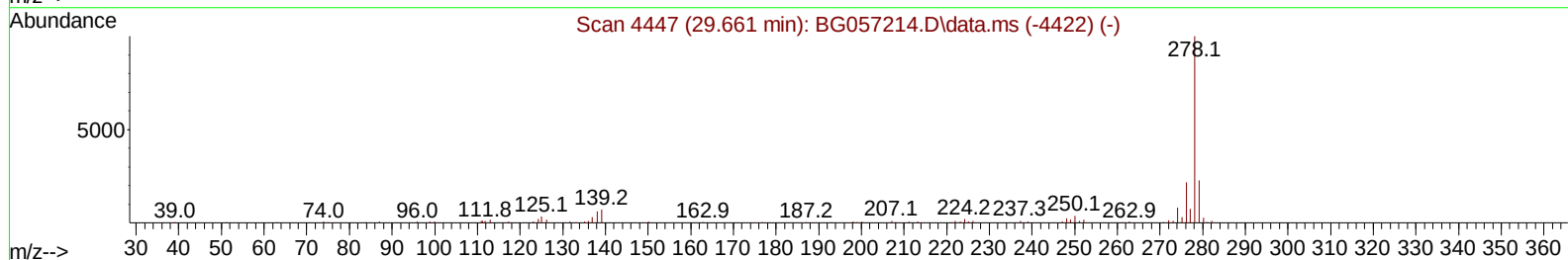
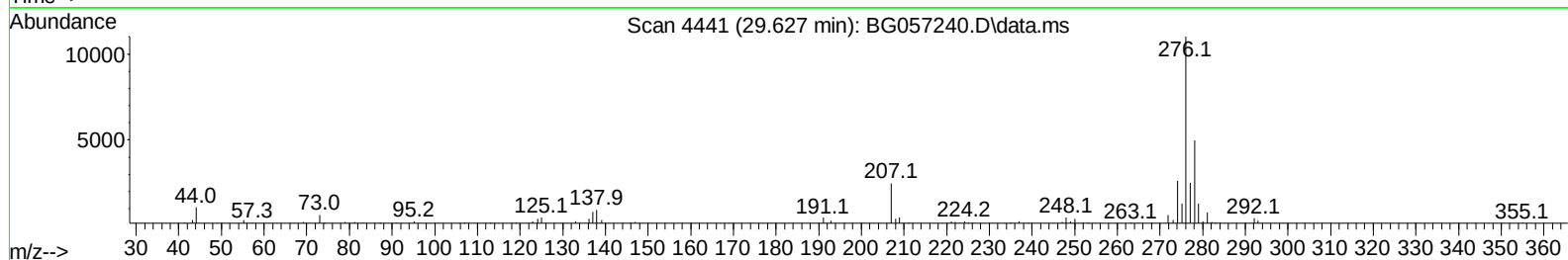
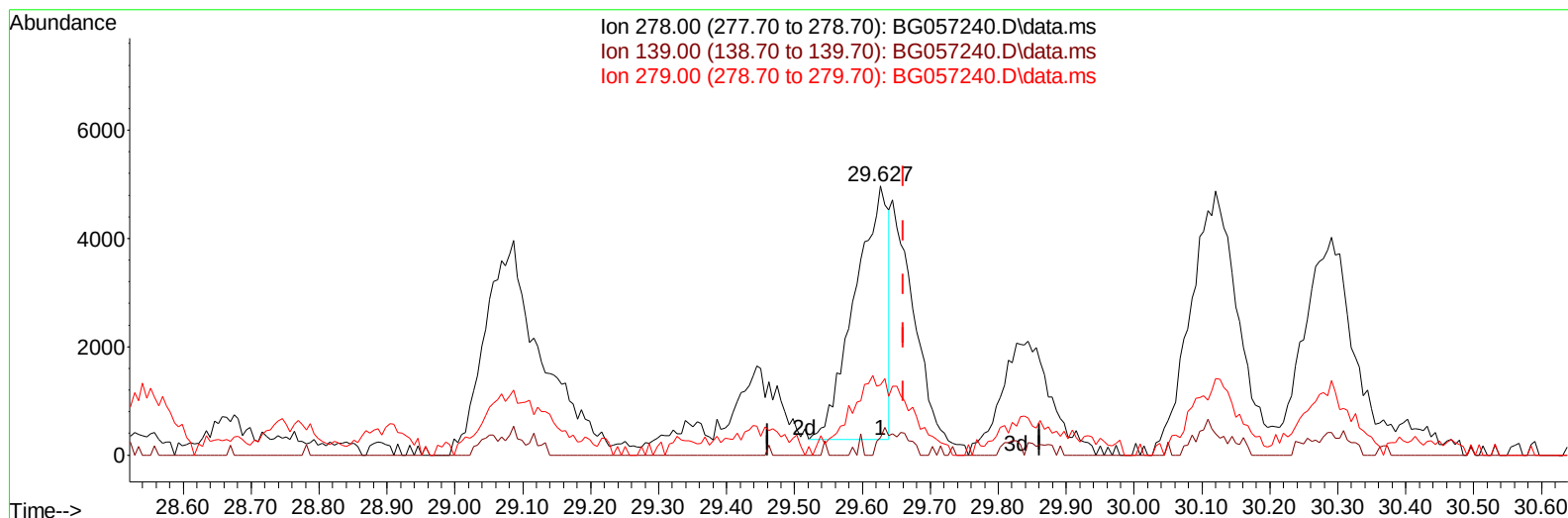
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:38:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(95) Dibenzo(a,h)anthracene

29.627min (-0.034) 2.49 ng/u1

response 16079

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	6.56
279.00	22.90	26.03
0.00	0.00	0.00

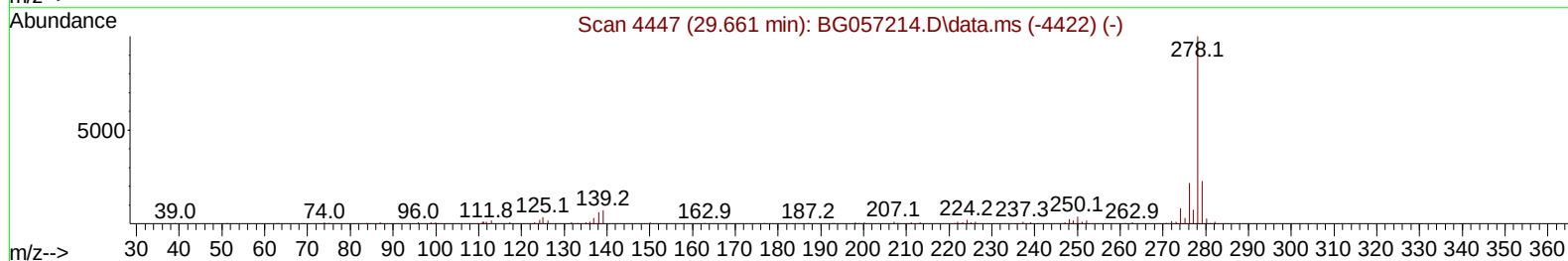
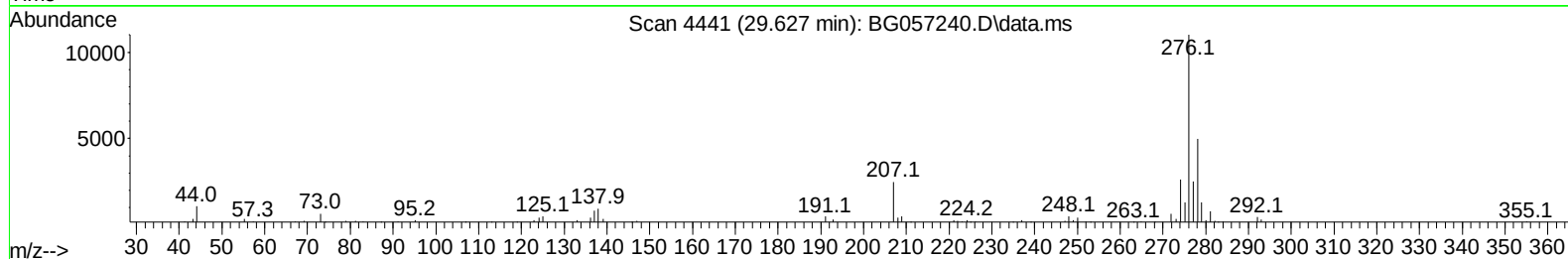
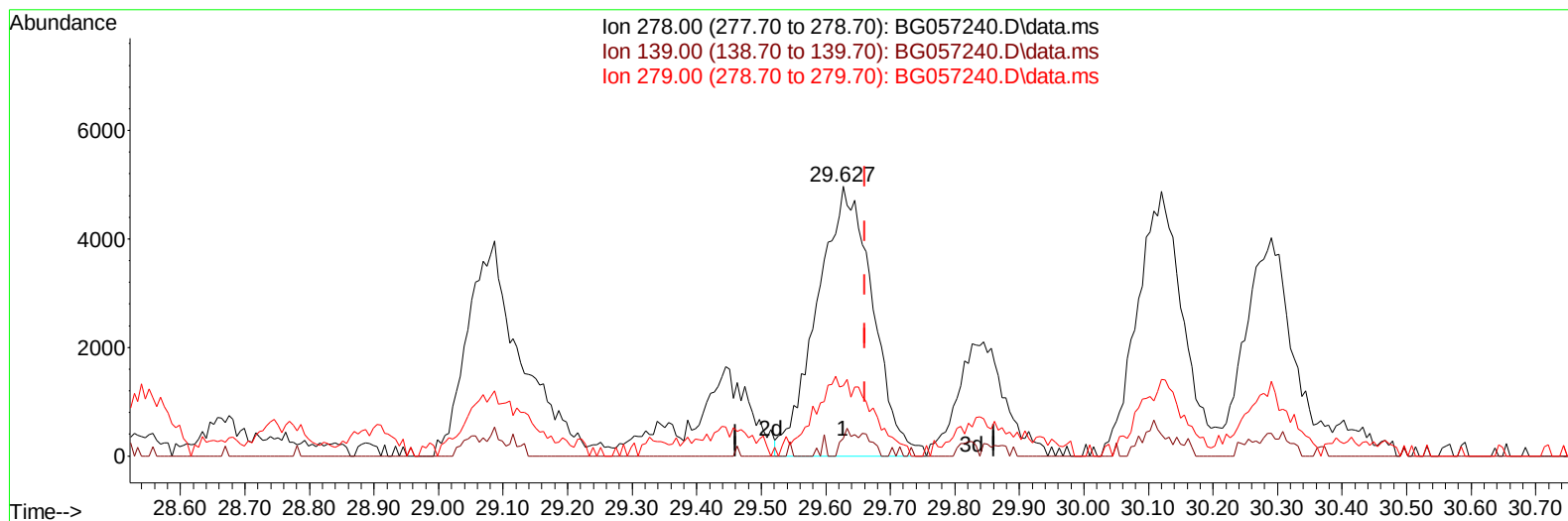
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:38:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(95) Dibenzo(a,h)anthracene

29.627min (-0.034) 4.59 ng/ul m

response 29694

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	6.56
279.00	22.90	26.03
0.00	0.00	0.00

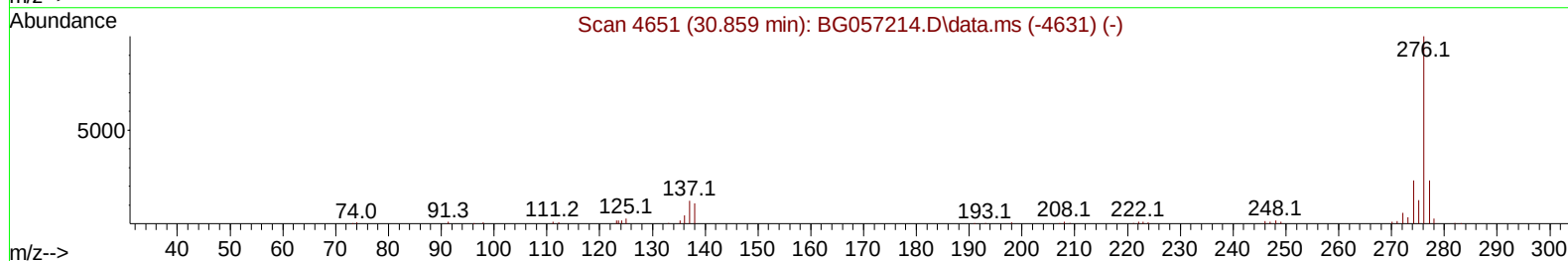
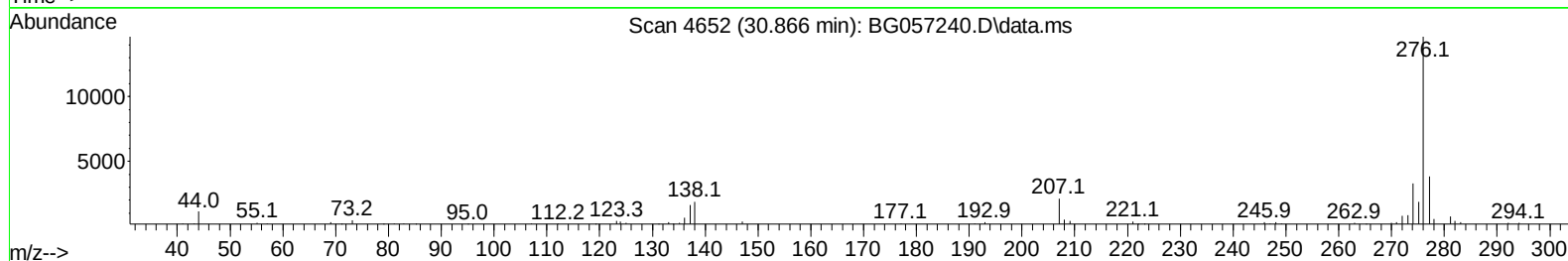
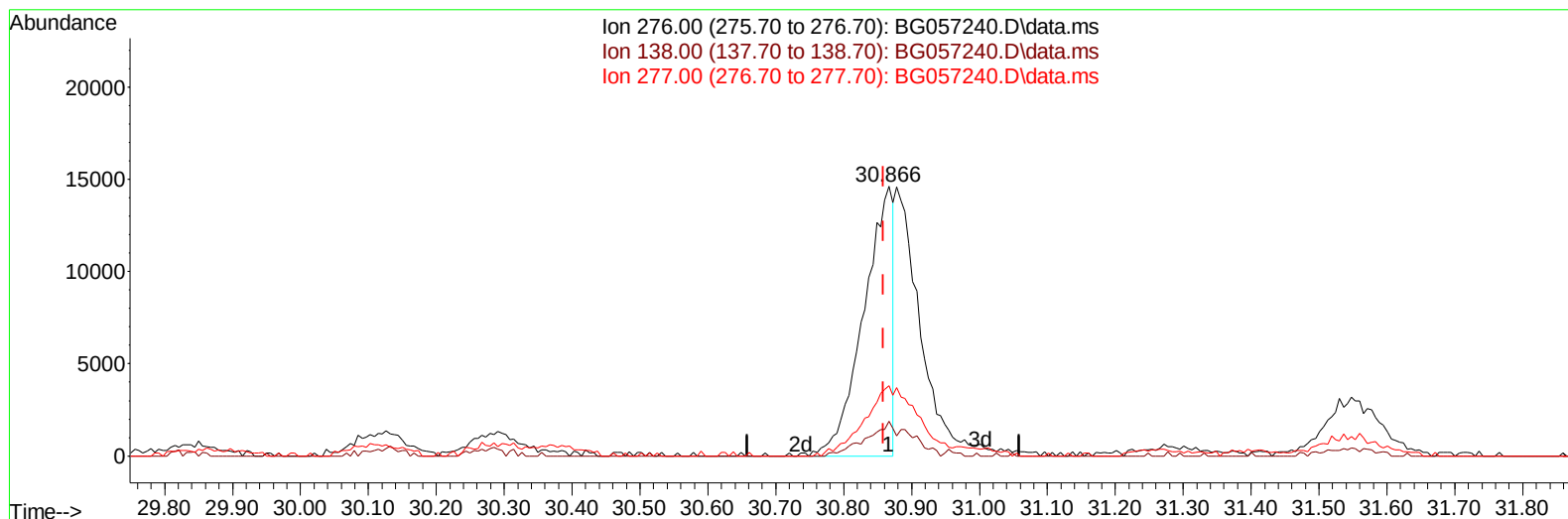
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:38:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration



TIC: BG057240.D\data.ms

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

30.866min (+ 0.007) 7.00 ng/u1

response 44167

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.79
277.00	23.00	26.15
0.00	0.00	0.00

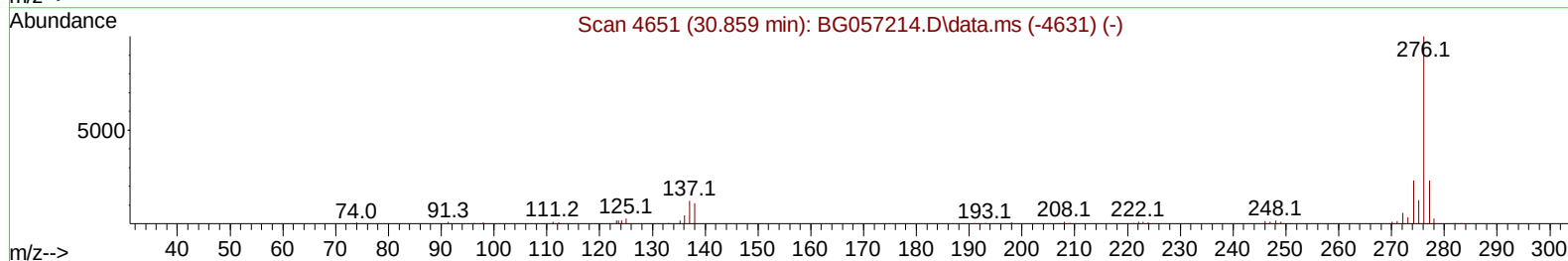
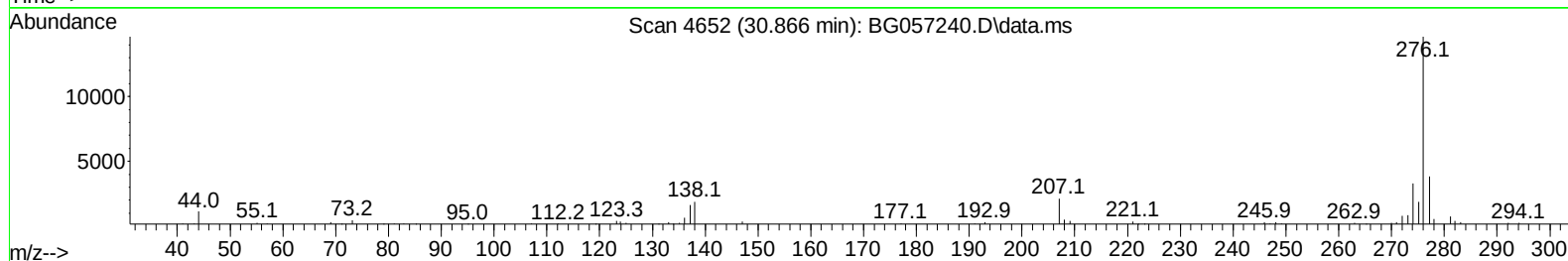
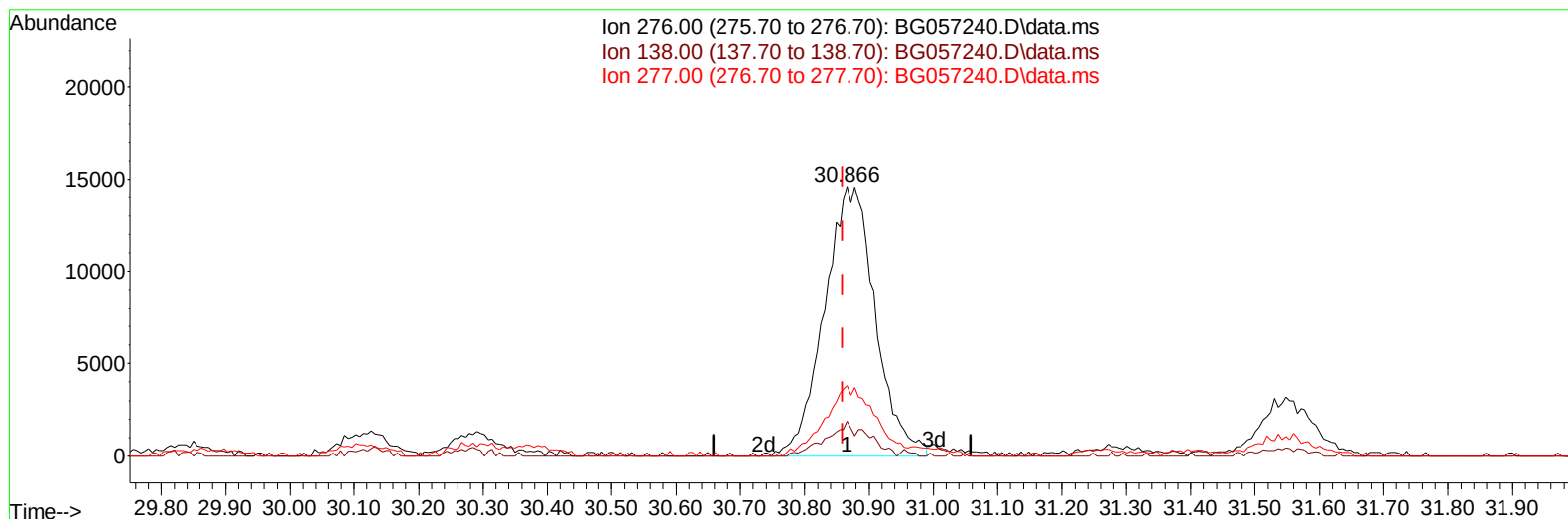
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:38:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057240.D\data.ms

(96) Benzo(g,h,i)perylene**30.866min (+ 0.007) 12.77 ng/ul m****response 80615**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.79
277.00	23.00	26.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Quant Time: May 01 00:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	12790	20.000	ng/ul	0.00
20) Naphthalene-d8	11.217	136	54527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	43476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.725	188	104804	20.000	ng/ul	0.00
79) Chrysene-d12	22.037	240	98919	20.000	ng/ul	# 0.00
88) Perylene-d12	25.544	264	104364	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	471m	1.621	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.516	99	18224	15.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	10945	15.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.903	132	12734	15.976	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	11898	12.942	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	6935	15.971	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	7722	15.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.829	165	15737	16.096	ng/ul	0.00
31) 4-Chloroaniline-d4	11.340	131	10122	7.811	ng/ul	0.00
46) Dimethylphthalate-d6	14.371	166	57411	16.665	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	64304	16.608	ng/ul	0.00
54) 4-Nitrophenol-d4	15.176	143	6055	12.075	ng/ul	0.00
60) Fluorene-d10	15.975	176	54236	16.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	8789	14.154	ng/ul	0.00
73) Anthracene-d10	17.825	188	88412	18.482	ng/ul	0.00
81) Pyrene-d10	20.093	212	108289	18.443	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	100436	18.889	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.563	94	13127m	10.768	ng/ul	
16) Acetophenone	9.207	105	10115	6.394	ng/ul	98
30) Naphthalene	11.263	128	4411	1.473	ng/ul#	93
36) 2-Methylnaphthalene	12.844	142	3170	1.444	ng/ul	95
37) 1-Methylnaphthalene	13.055	142	2612	1.183	ng/ul#	91
52) Acenaphthene	15.052	153	5768	2.058	ng/ul#	92
56) Dibenzofuran	15.381	168	7791	1.925	ng/ul	95
61) Fluorene	16.028	166	12466	3.642	ng/ul	93
72) Phenanthrene	17.772	178	214690	39.337	ng/ul	99
74) Anthracene	17.860	178	42811	7.809	ng/ul	99
77) Carbazole	18.125	167	16863	3.681	ng/ul	99
80) Fluoranthene	19.758	202	349248	50.074	ng/ul	98
82) Pyrene	20.122	202	297436	42.125	ng/ul	97
85) Benzo(a)anthracene	22.014	228	178517	25.517	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.867	149	5436	1.653	ng/ul#	98
87) Chrysene	22.084	228	163863	24.826	ng/ul	96
90) Benzo(b)fluoranthene	24.428	252	198311	27.440	ng/ul#	97
91) Benzo(k)fluoranthene	24.493	252	80833m	11.496	ng/ul	
93) Benzo(a)pyrene	25.380	252	147361m	23.618	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.603	276	91656	11.752	ng/ul	98
95) Dibenzo(a,h)anthracene	29.627	278	29694m	4.591	ng/ul	
96) Benzo(g,h,i)perylene	30.866	276	80615m	12.771	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
----------	------	---	-----	----------	------	-------	-----	-------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057240.D
 Acq On : 29 Apr 2023 7:13
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

