

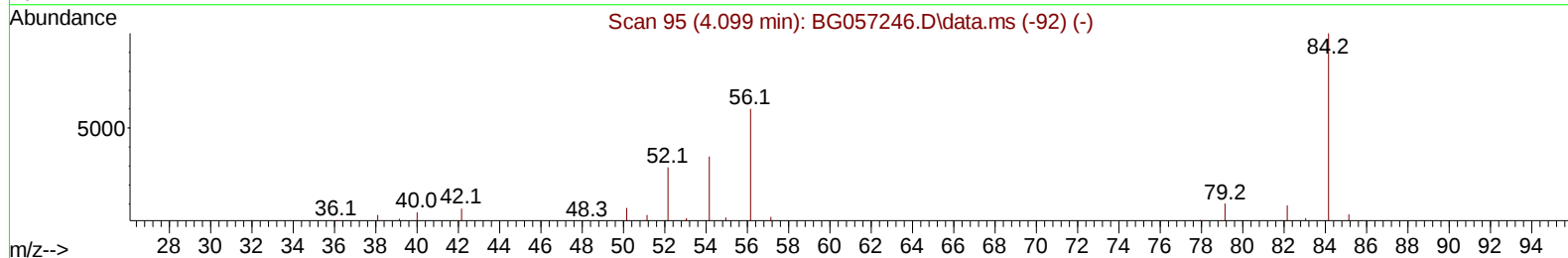
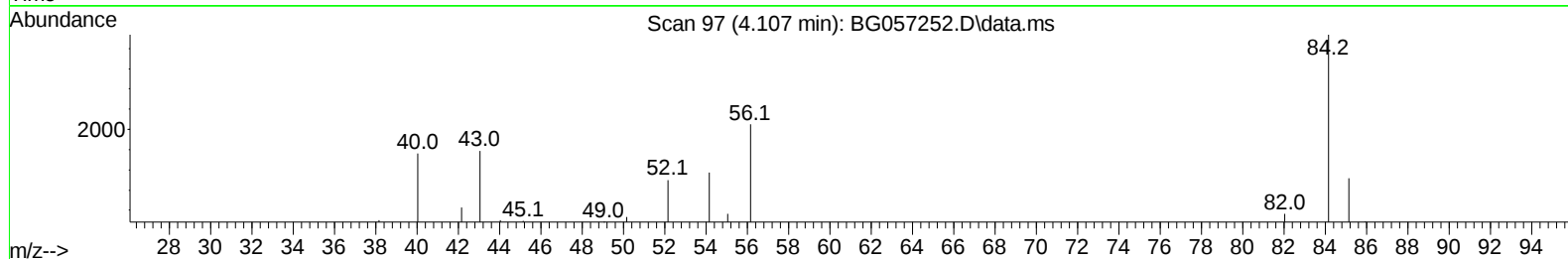
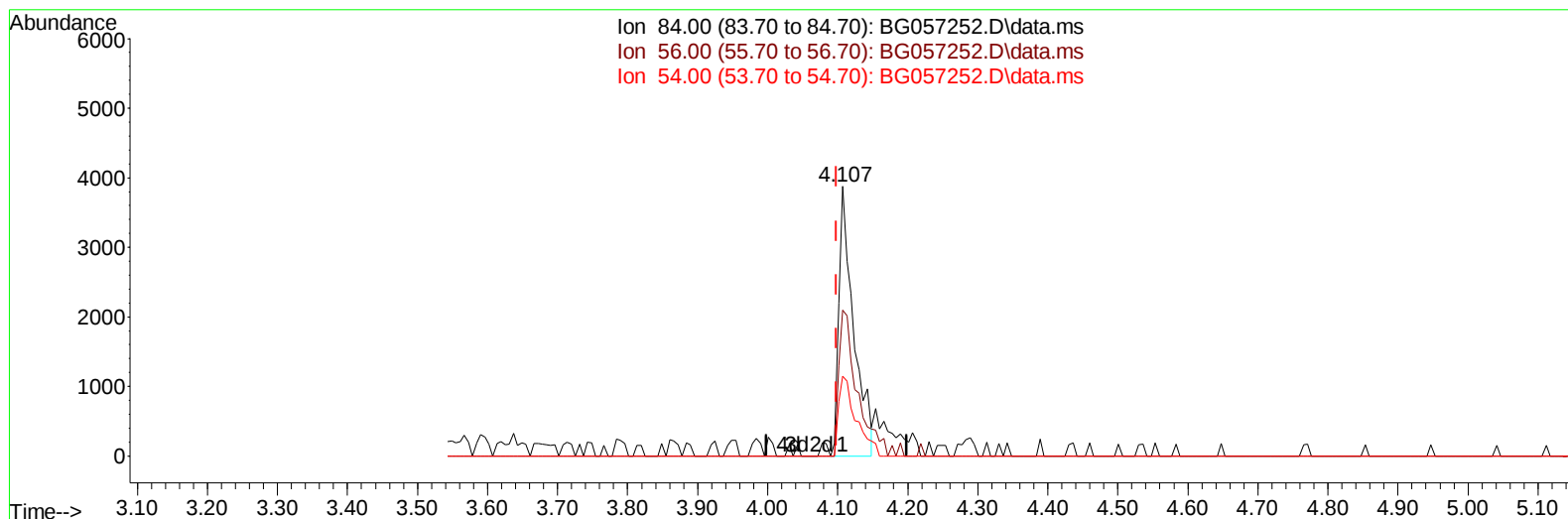
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 22:29:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(4) Pyridine-d5 (S)

4.107min (+ 0.008) 4.99 ng/u1

response 5751

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	54.18
54.00	33.30	29.63
0.00	0.00	0.00

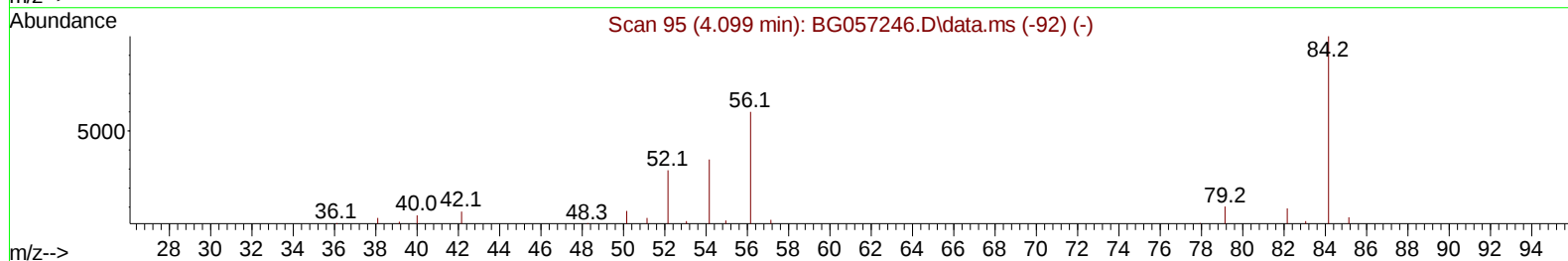
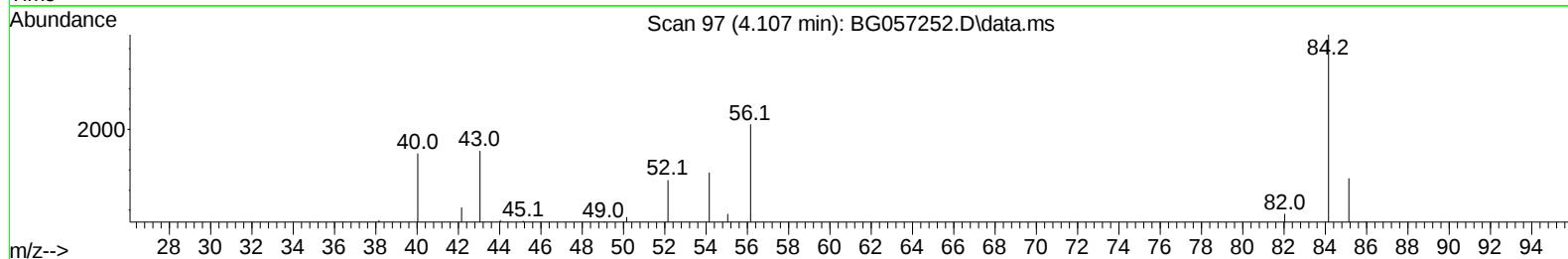
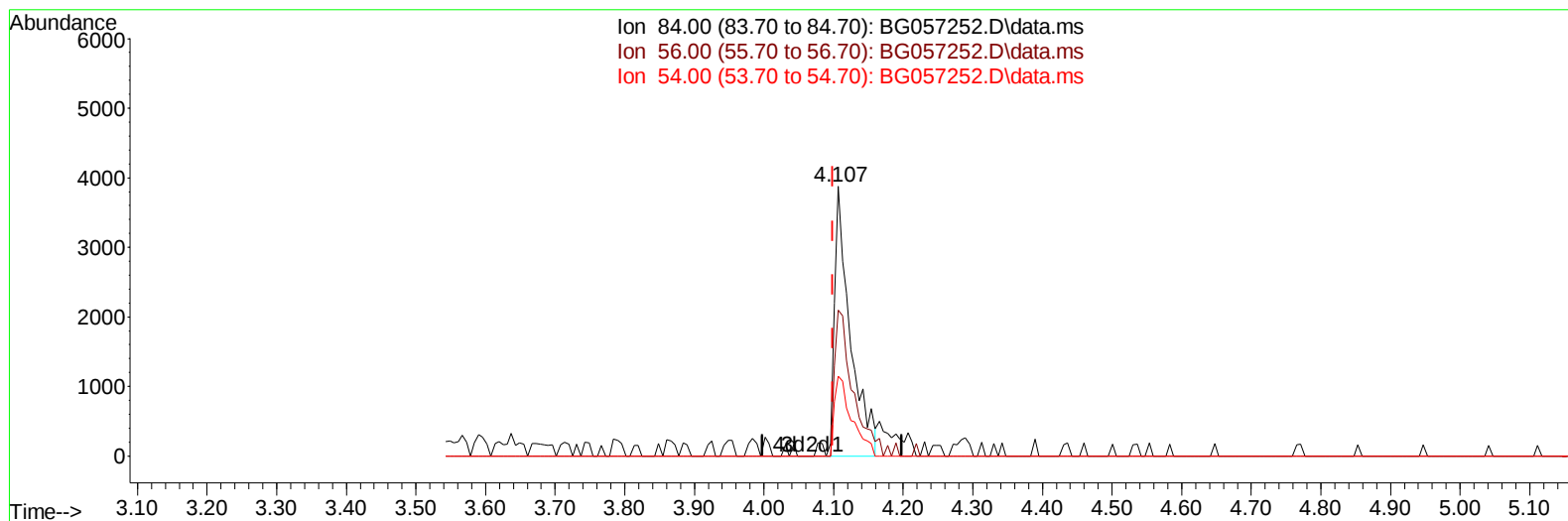
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 22:29:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(4) Pyridine-d5 (S)

4.107min (+ 0.008) 5.32 ng/u1 m

response 6129

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	54.18
54.00	33.30	29.63
0.00	0.00	0.00

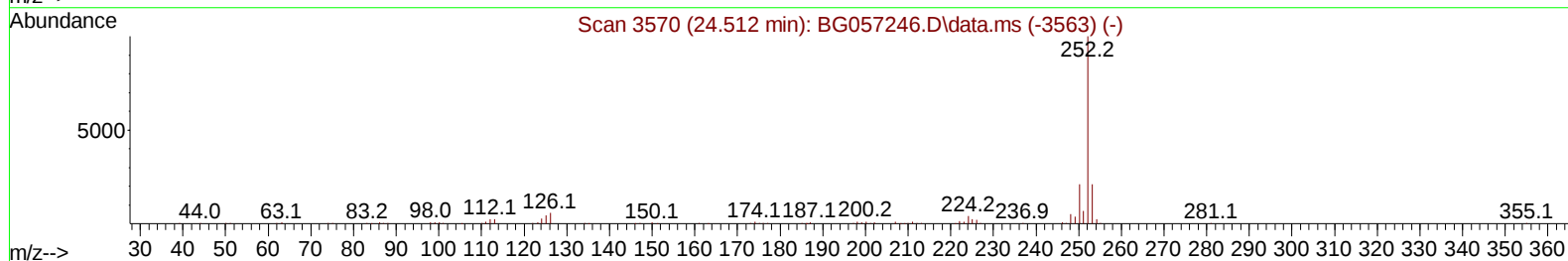
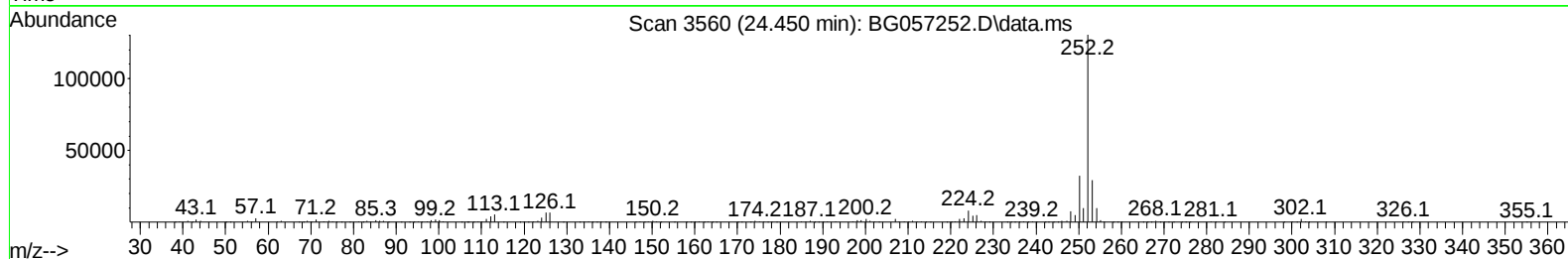
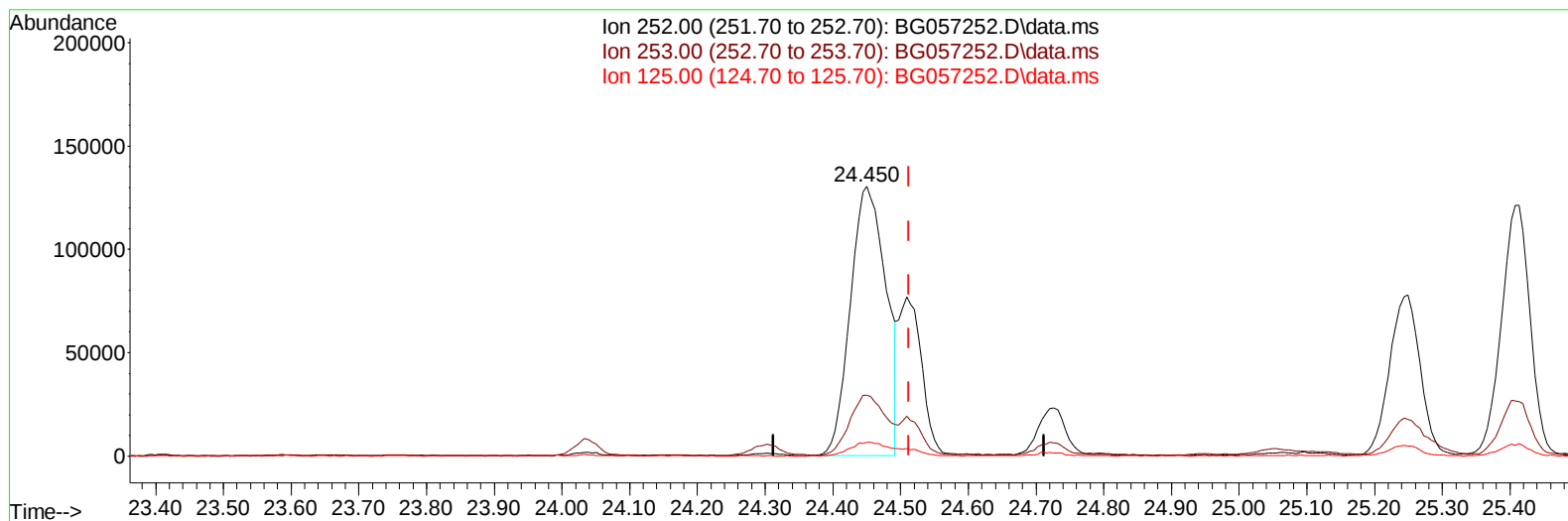
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057252.D
Acq On : 1 May 2023 15:25
Operator : CG/JU
Sample : 02418-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 01 23:14:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057252.D\data.ms

(91) Benzo(k)fluoranthene

24.450min (-0.062) 65.92 ng/u1

response 474326

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.59
125.00	5.60	5.10
0.00	0.00	0.00

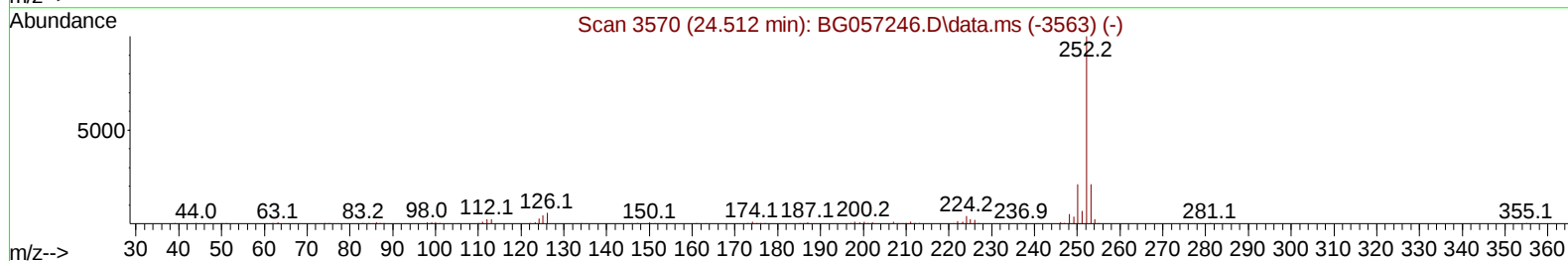
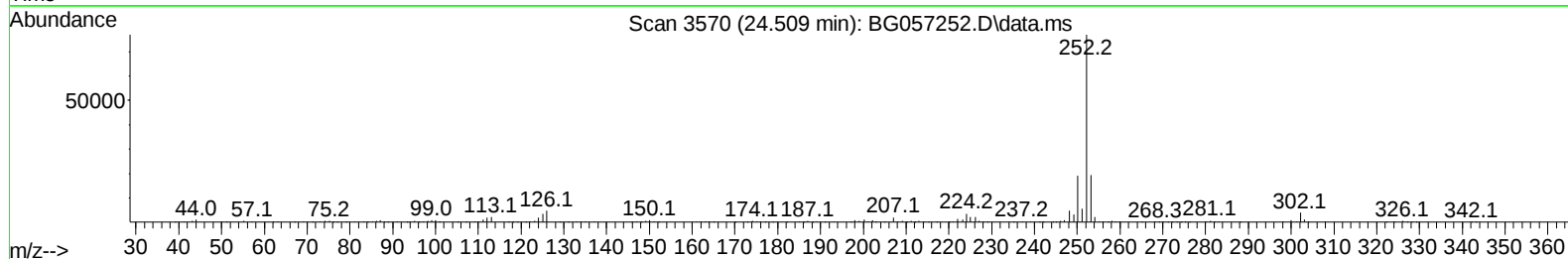
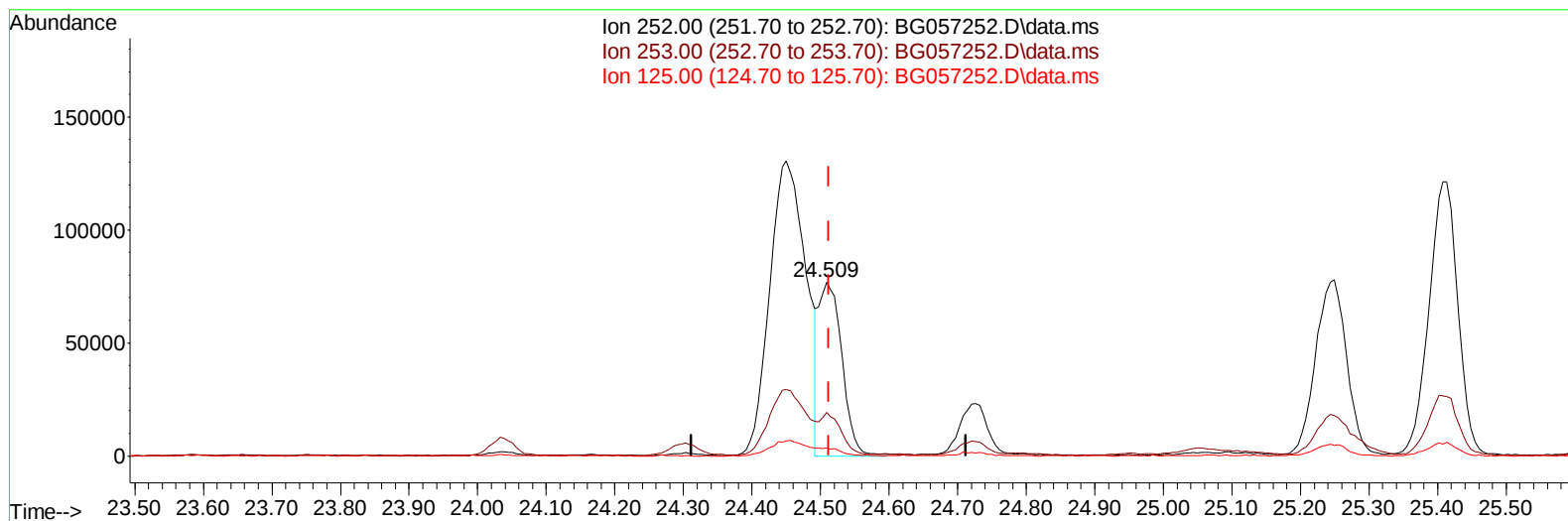
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:14:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(91) Benzo(k)fluoranthene

24.509min (-0.003) 25.28 ng/ul m

response 181902

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	25.18
125.00	5.60	4.62
0.00	0.00	0.00

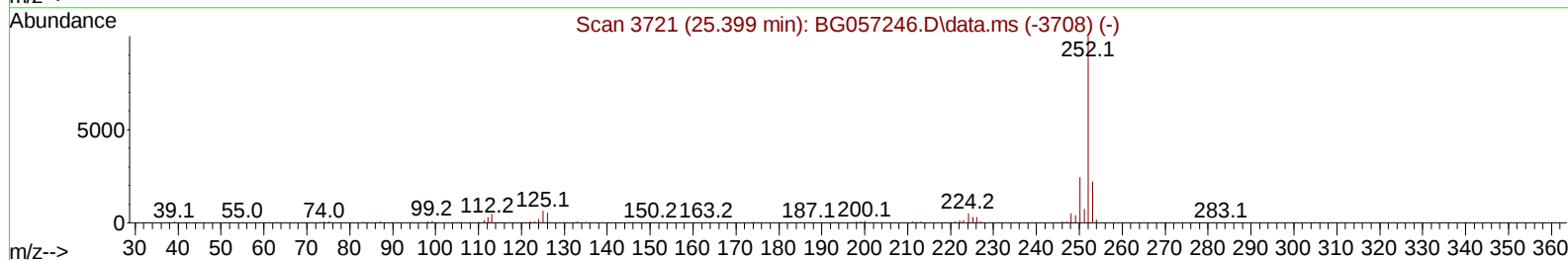
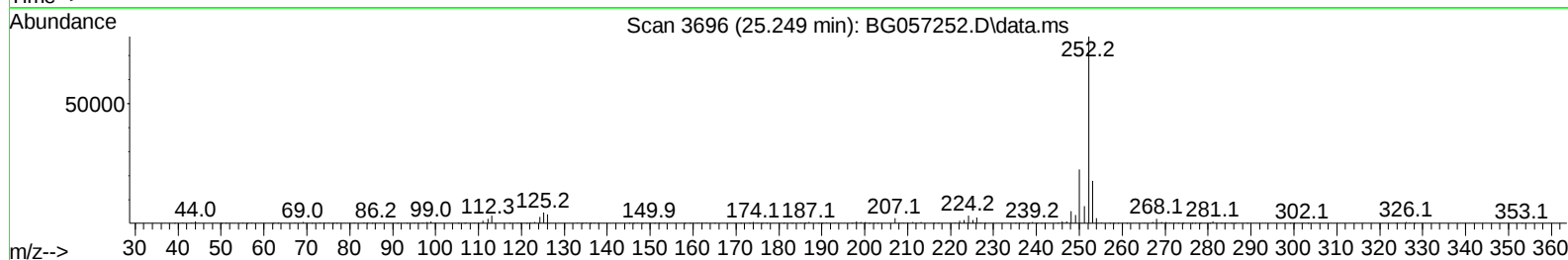
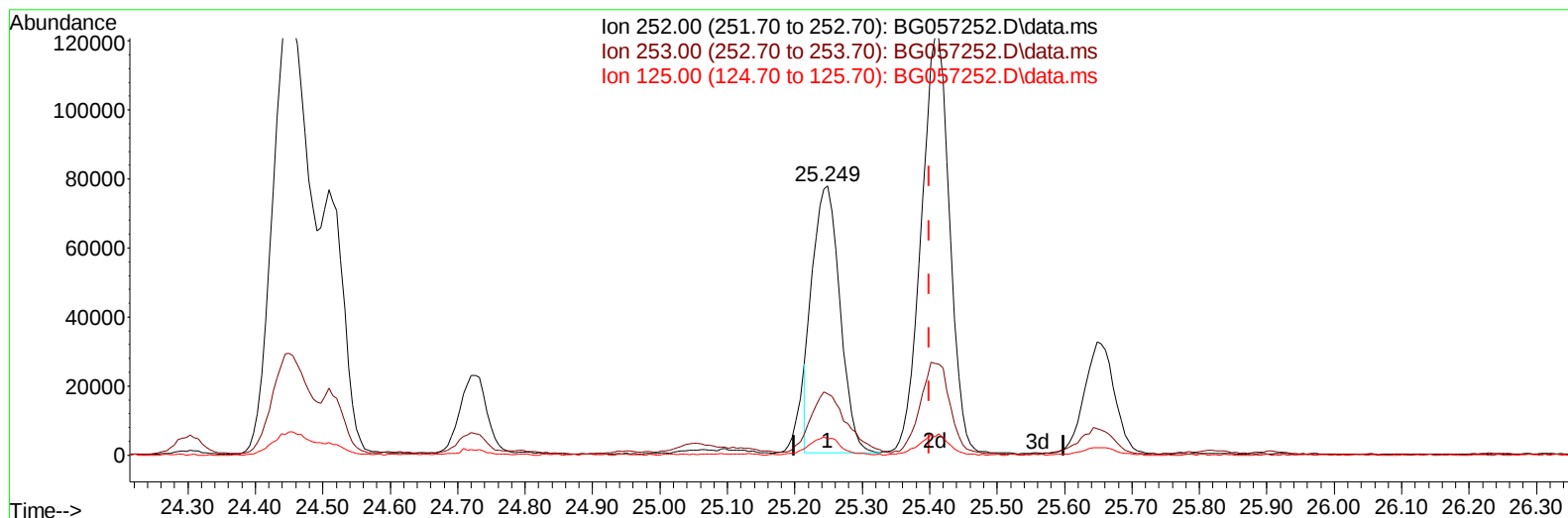
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057252.D
Acq On : 1 May 2023 15:25
Operator : CG/JU
Sample : 02418-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:14:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(93) Benzo(a)pyrene (C)

25.249min (-0.150) 34.43 ng/u1

response 219886

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.88
125.00	6.40	5.98
0.00	0.00	0.00

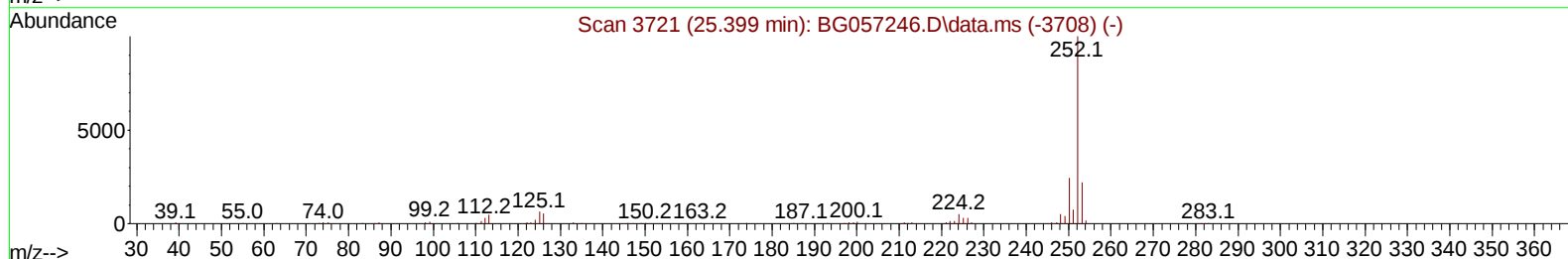
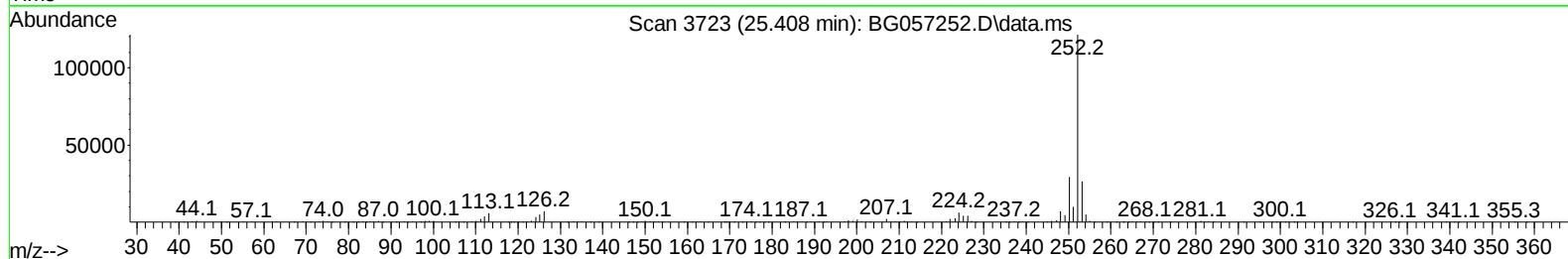
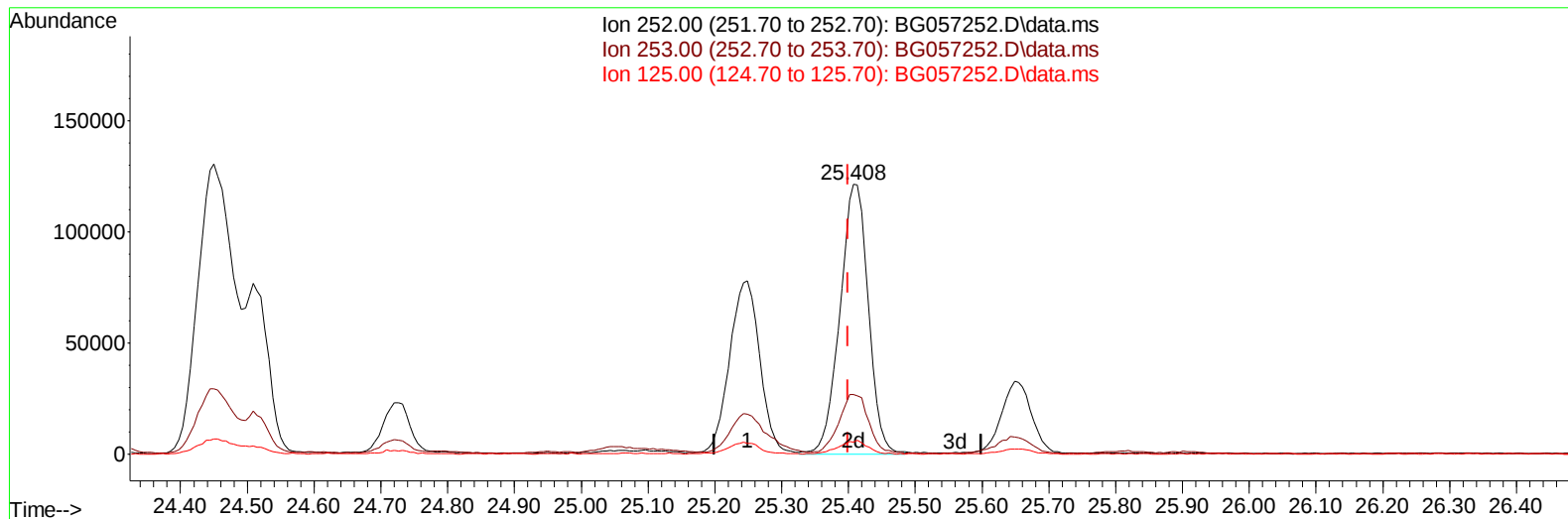
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057252.D
Acq On : 1 May 2023 15:25
Operator : CG/JU
Sample : 02418-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:14:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(93) Benzo(a)pyrene (C)

25.408min (+ 0.008) 56.16 ng/ul m

response 358648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.95
125.00	6.40	4.29#
0.00	0.00	0.00

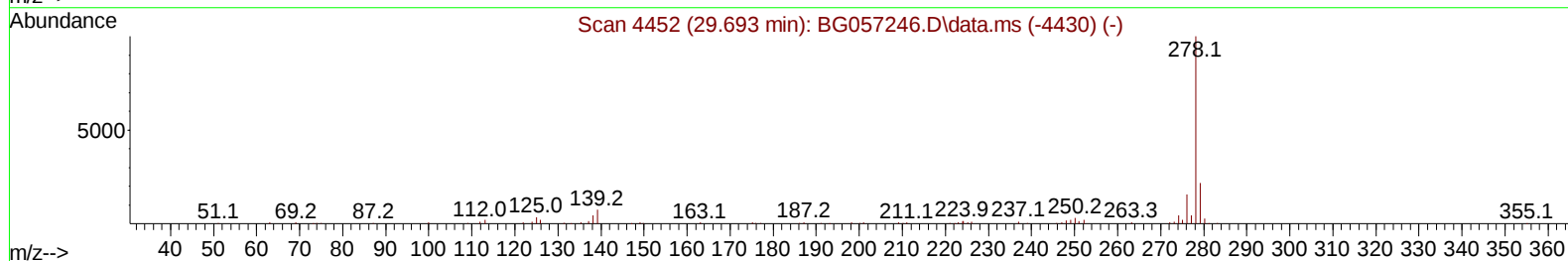
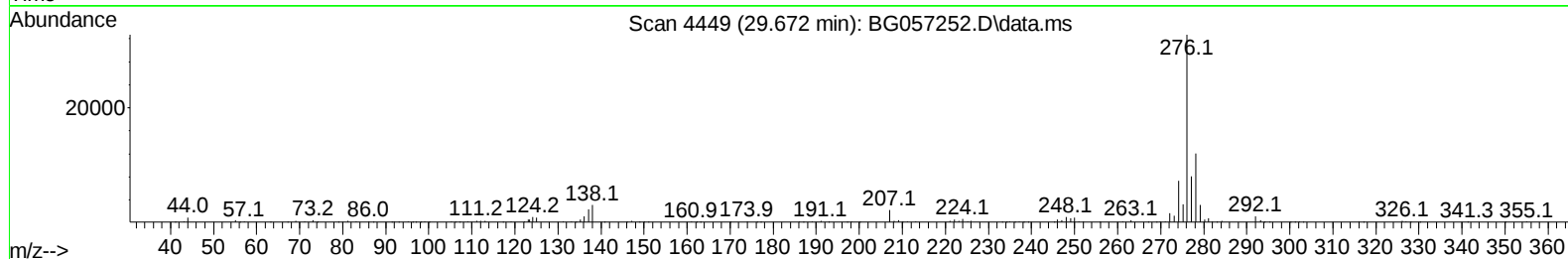
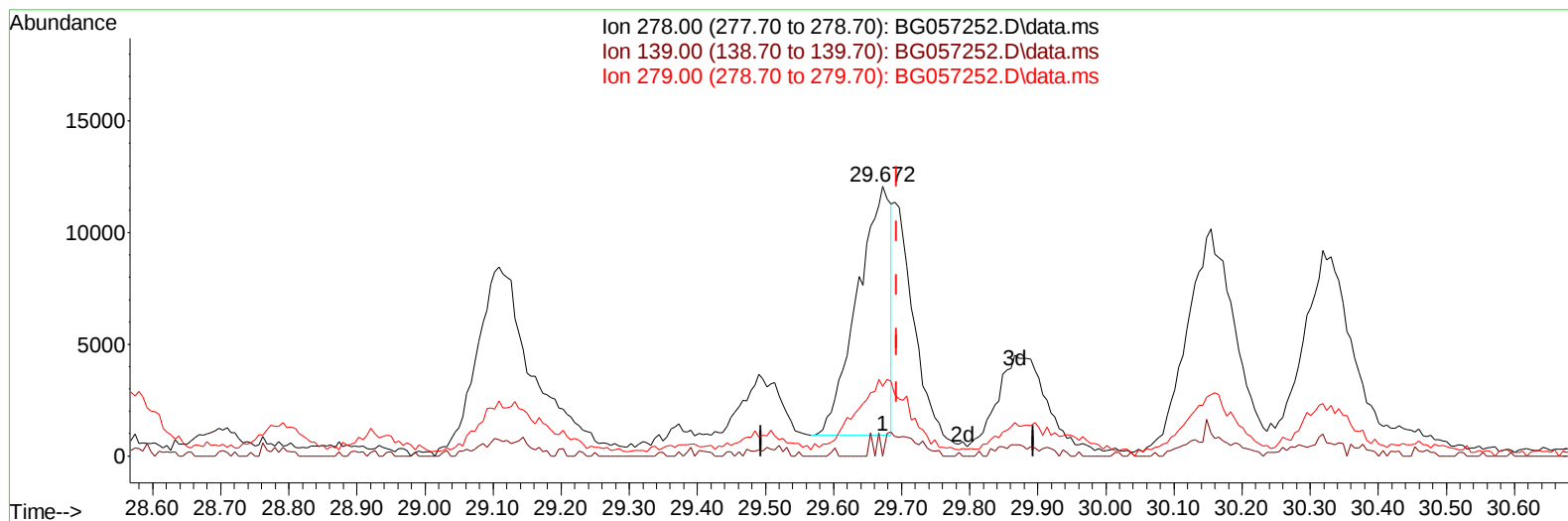
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057252.D
Acq On : 1 May 2023 15:25
Operator : CG/JU
Sample : 02418-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:14:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(95) Dibenzo(a,h)anthracene

29.672min (-0.021) 5.72 ng/u1

response 37853

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	0.00#
279.00	22.90	25.86
0.00	0.00	0.00

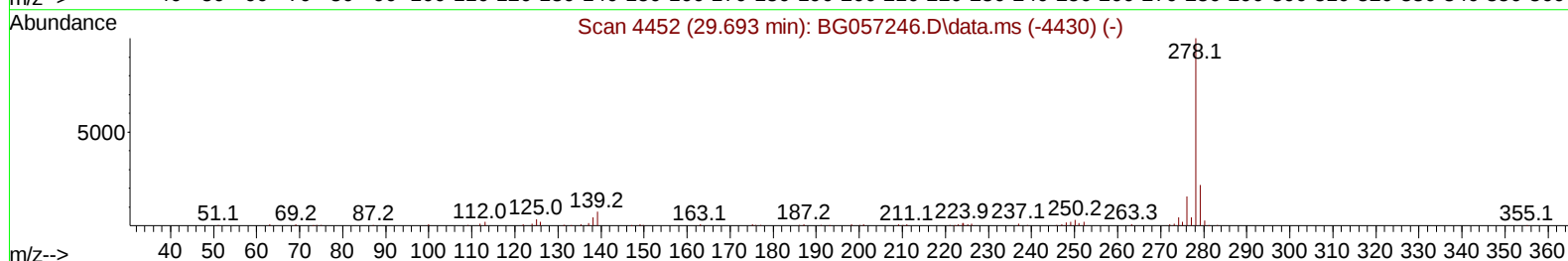
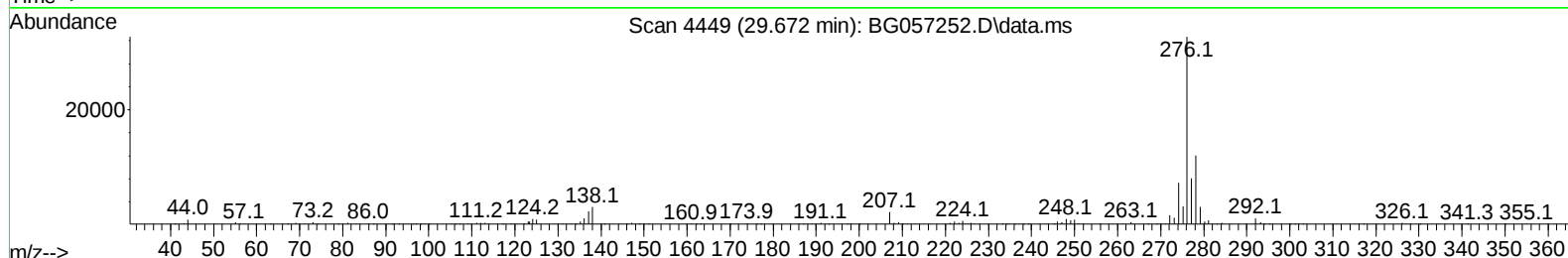
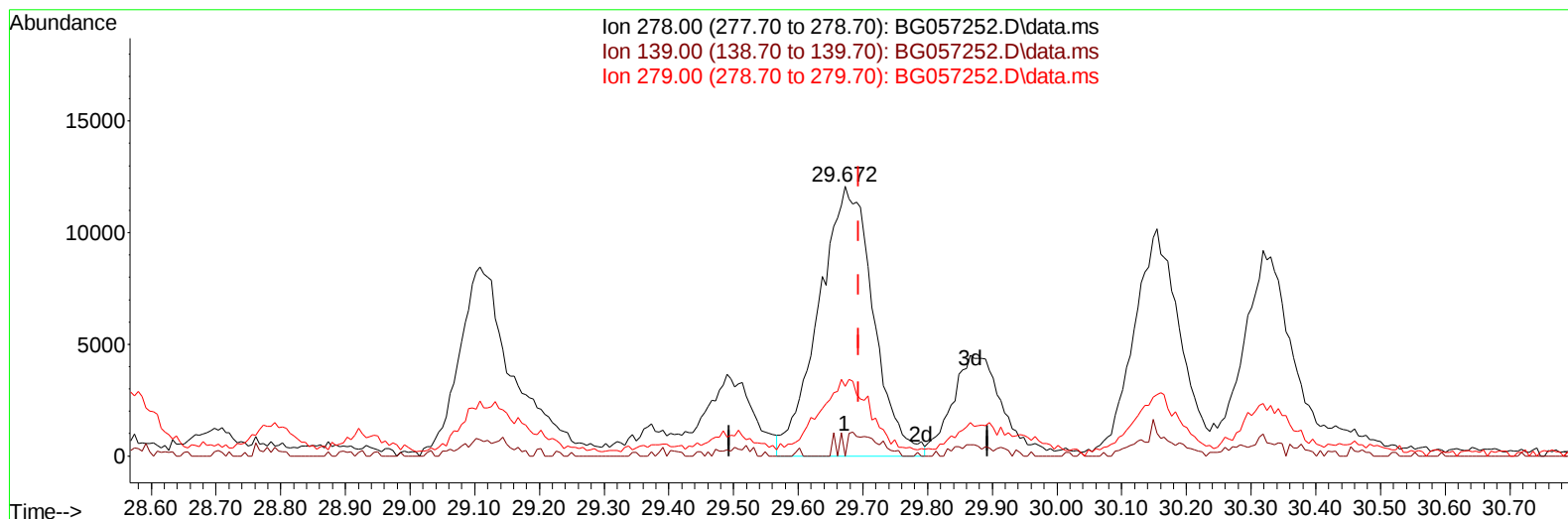
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:14:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

(95) Dibenzo(a,h)anthracene

29.672min (-0.021) 10.64 ng/ul m

response 70425

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	0.00#
279.00	22.90	25.86
0.00	0.00	0.00

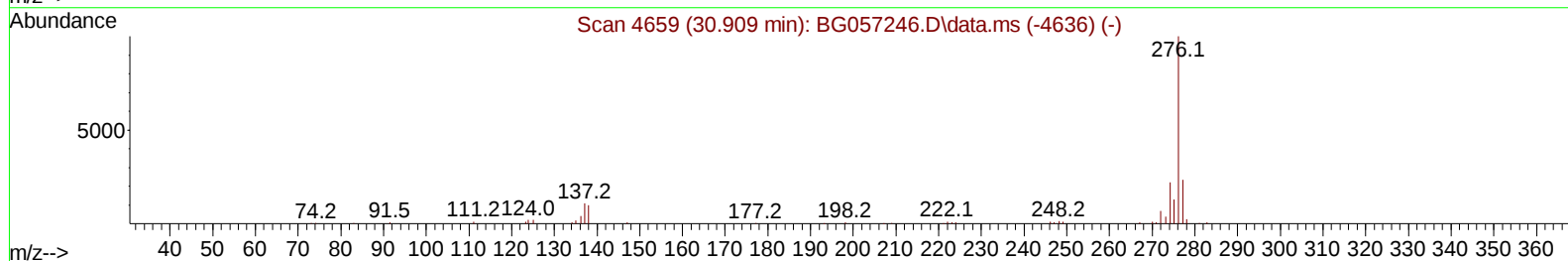
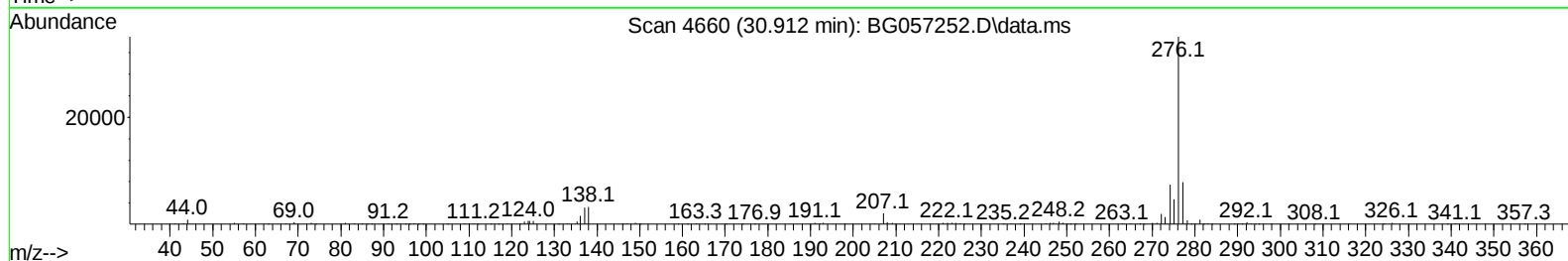
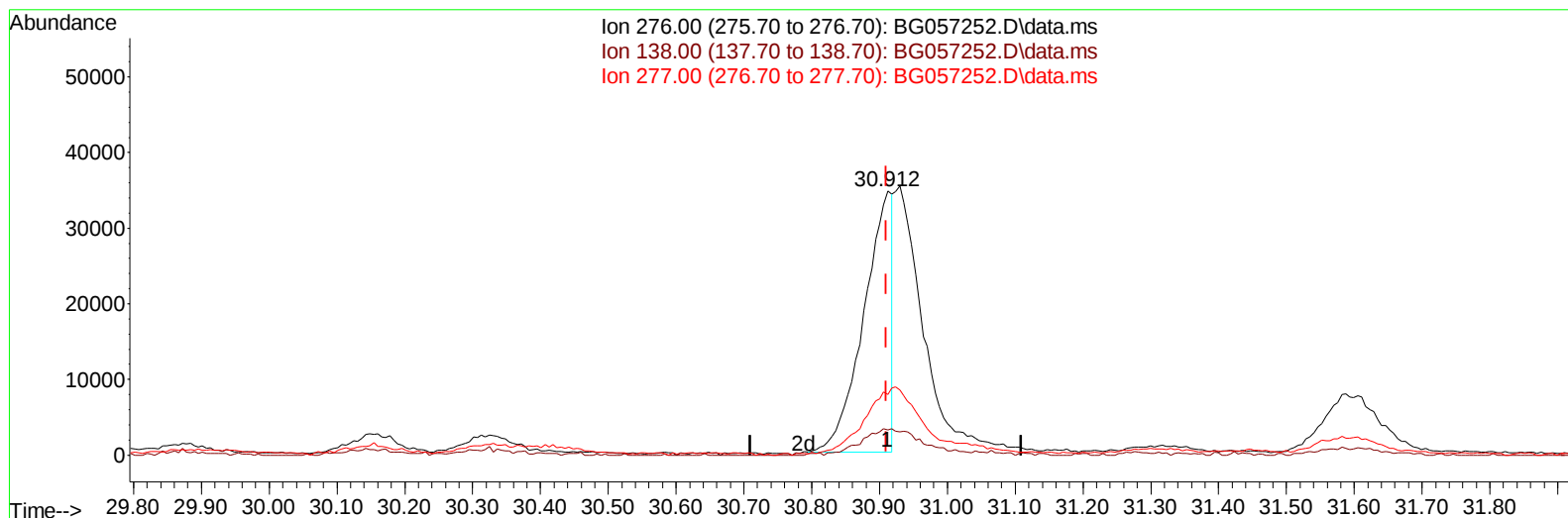
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:15:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

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

30.912min (+ 0.002) 15.58 ng/u1

response 100641

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.59
277.00	23.00	22.88
0.00	0.00	0.00

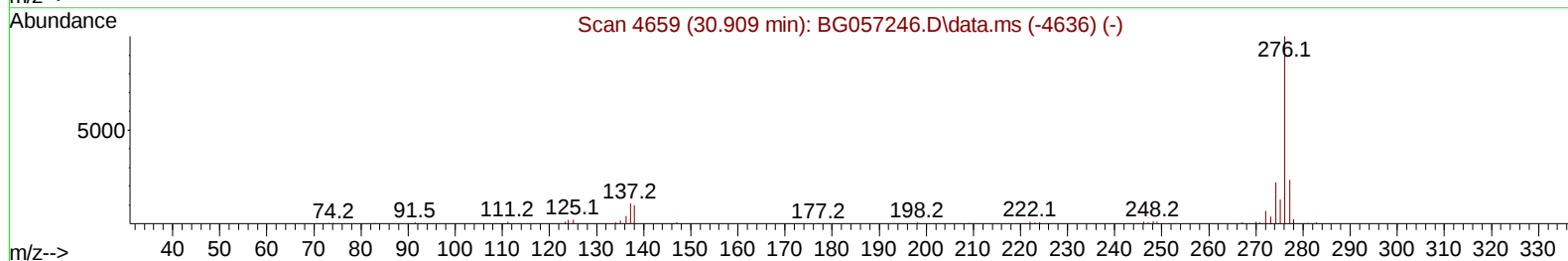
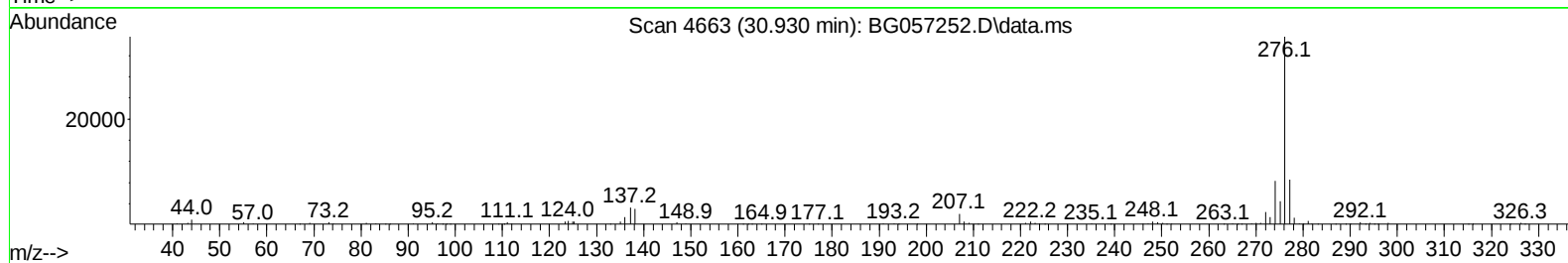
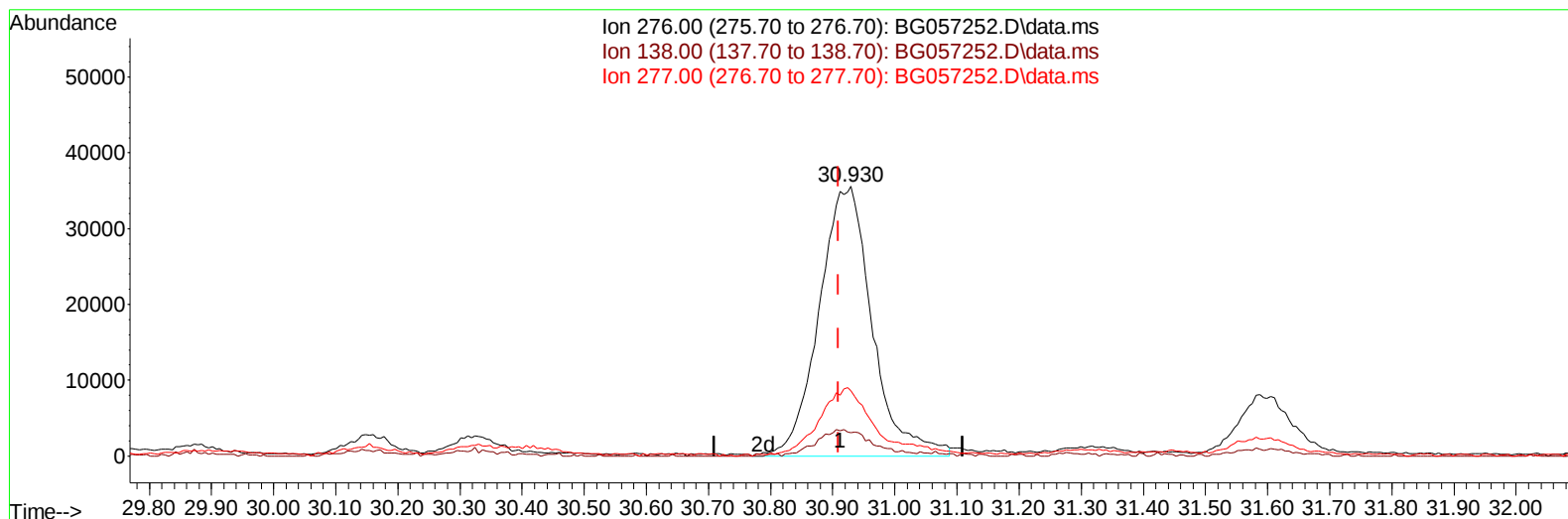
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:15:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057252.D\data.ms

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

30.930min (+ 0.020) 32.65 ng/ul m

response 210946

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	8.65#
277.00	23.00	24.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057252.D
 Acq On : 1 May 2023 15:25
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:15:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.378	152		16091	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136		67122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164		50477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188		114882	20.000	ng/ul	0.00
79) Chrysene-d12	22.047	240		97504	20.000	ng/ul	0.00
88) Perylene-d12	25.572	264		106811	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.661	96		967	2.645	ng/uL	0.00
4) Pyridine-d5	4.107	84		6129m	5.317	ng/ul	0.00
7) Phenol-d5	7.514	99		29387	19.311	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67		17367	19.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132		21320	21.260	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113		18263	15.791	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128		11863	22.193	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143		12975	20.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165		26533	22.046	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131		14693	9.211	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166		91820	22.957	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160		103275	22.974	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143		8223	14.124	ng/ul	0.00
60) Fluorene-d10	15.979	176		83441	22.394	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.097	200		9707	14.261	ng/ul	0.00
73) Anthracene-d10	17.830	188		127738	24.360	ng/ul	0.00
81) Pyrene-d10	20.097	212		146534	25.319	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.331	264		135218	24.848	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	9.212	105		7212	3.624	ng/ul	94
30) Naphthalene	11.268	128		5286	1.434	ng/ul#	92
52) Acenaphthene	15.057	153		12023	3.694	ng/ul	96
56) Dibenzofuran	15.386	168		8913	1.896	ng/ul	97
61) Fluorene	16.032	166		13858	3.487	ng/ul	95
72) Phenanthrene	17.777	178		289214	48.343	ng/ul	99
74) Anthracene	17.865	178		64996	10.816	ng/ul	99
77) Carbazole	18.129	167		20623	4.106	ng/ul	100
78) Di-n-butylphthalate	18.646	149		7041	1.226	ng/ul#	78
80) Fluoranthene	19.768	202		708346	103.033	ng/ul#	96
82) Pyrene	20.132	202		626655	90.040	ng/ul	98
85) Benzo(a)anthracene	22.030	228		375769	54.491	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.871	149		40348	12.447	ng/ul	95
87) Chrysene	22.100	228		362386	55.699	ng/ul	97
90) Benzo(b)fluoranthene	24.450	252		474326	64.128	ng/ul	97
91) Benzo(k)fluoranthene	24.509	252		181902m	25.278	ng/ul	
93) Benzo(a)pyrene	25.408	252		358648m	56.165	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.643	276		246588	30.892	ng/ul	98
95) Dibenzo(a,h)anthracene	29.672	278		70425m	10.640	ng/ul	
96) Benzo(g,h,i)perylene	30.930	276		210946m	32.653	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

EW8Y8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057252.D
Acq On : 1 May 2023 15:25
Operator : CG/JU
Sample : 02418-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y8

Manual IntegrationsAPPROVED

Quant Time: May 01 23:15:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

