

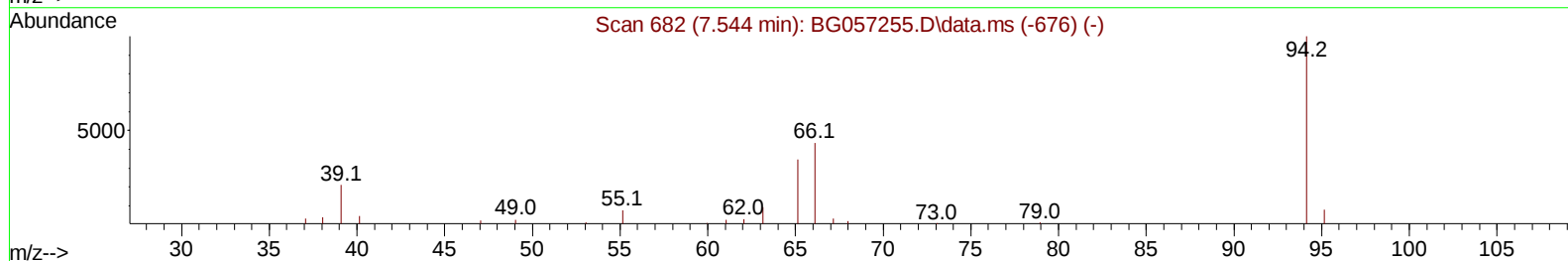
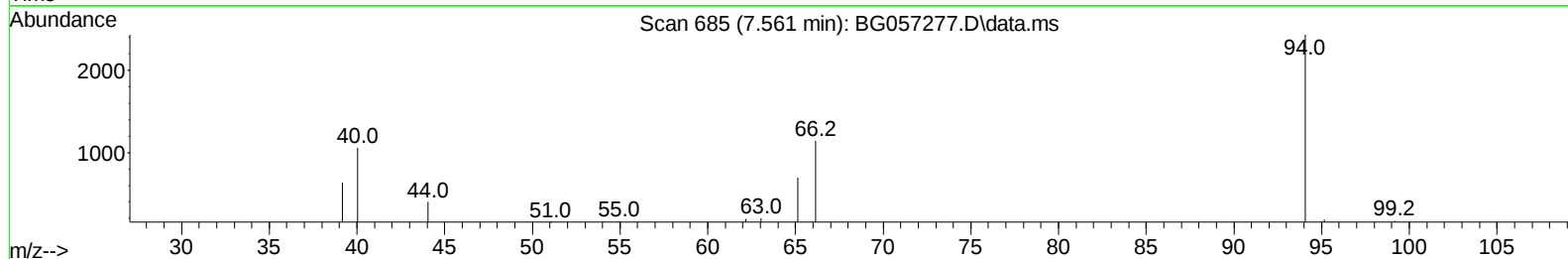
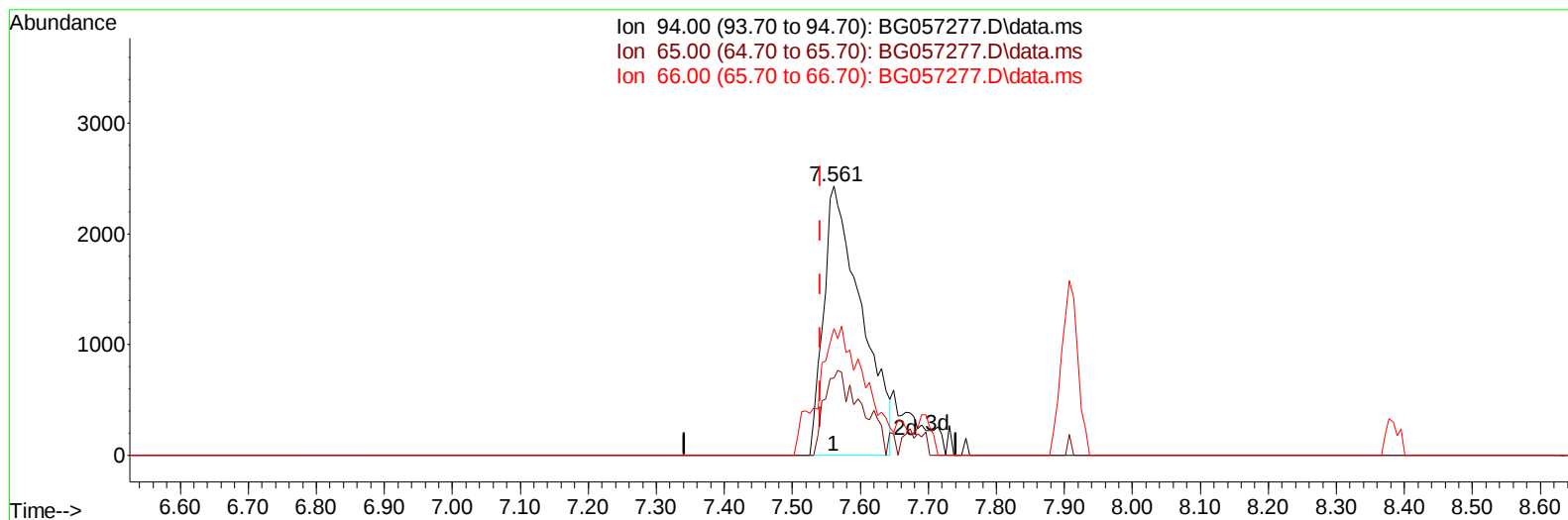
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:22 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(8) Phenol

7.561min (+ 0.020) 5.86 ng/u1

response 9331

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	28.77
66.00	46.10	47.10
0.00	0.00	0.00

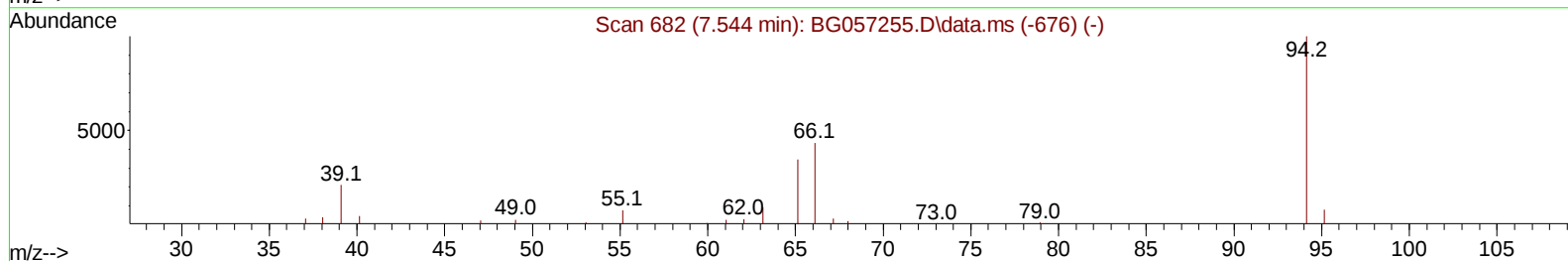
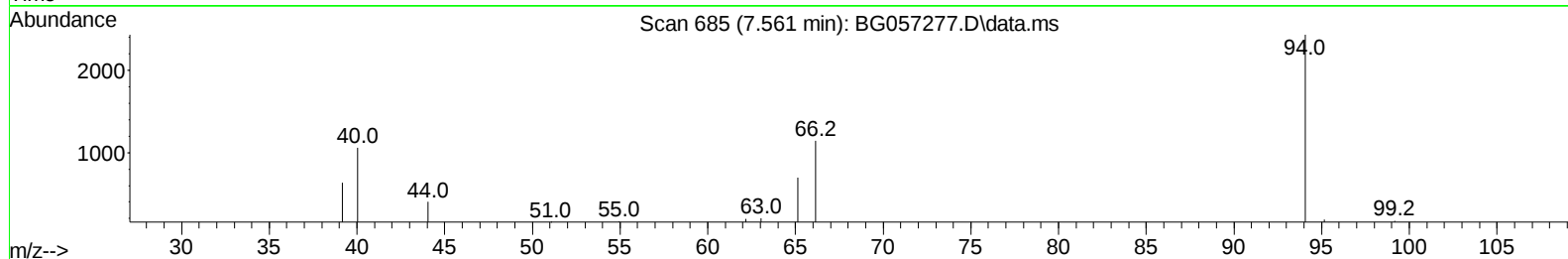
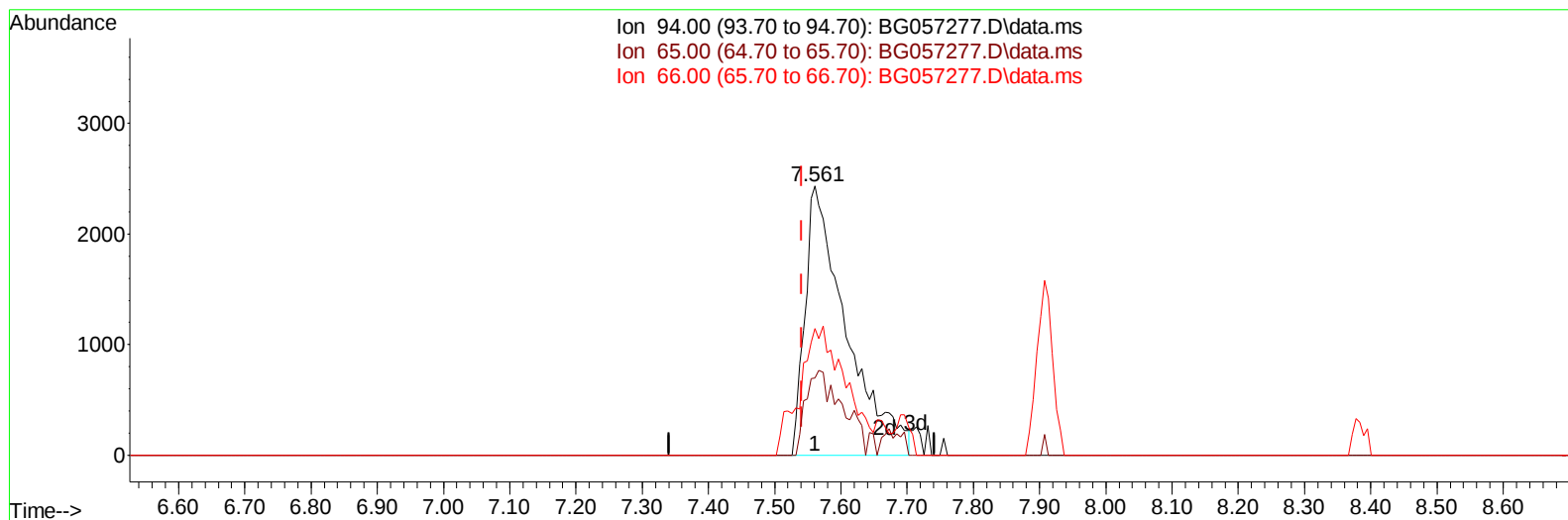
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:22 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(8) Phenol

7.561min (+ 0.020) 6.61 ng/u1 m

response 10521

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	28.77
66.00	46.10	47.10
0.00	0.00	0.00

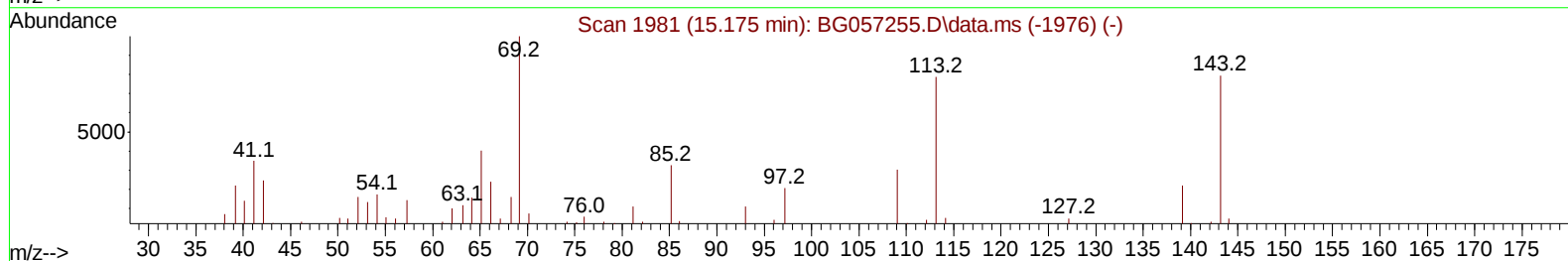
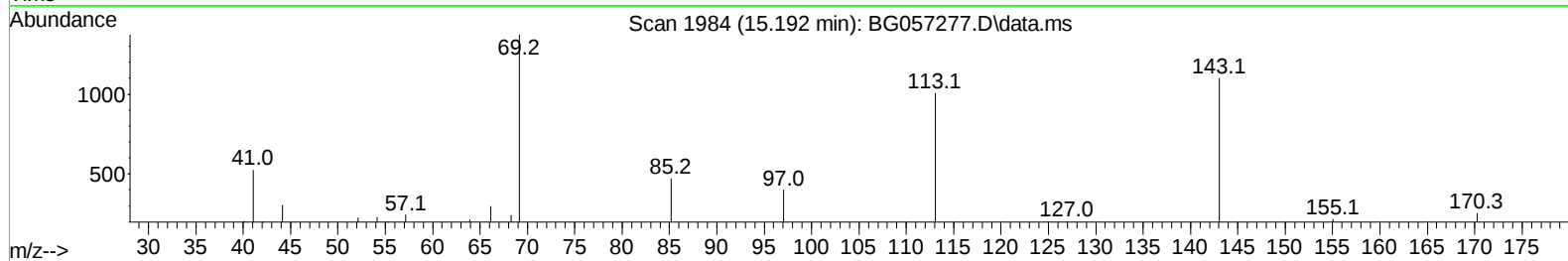
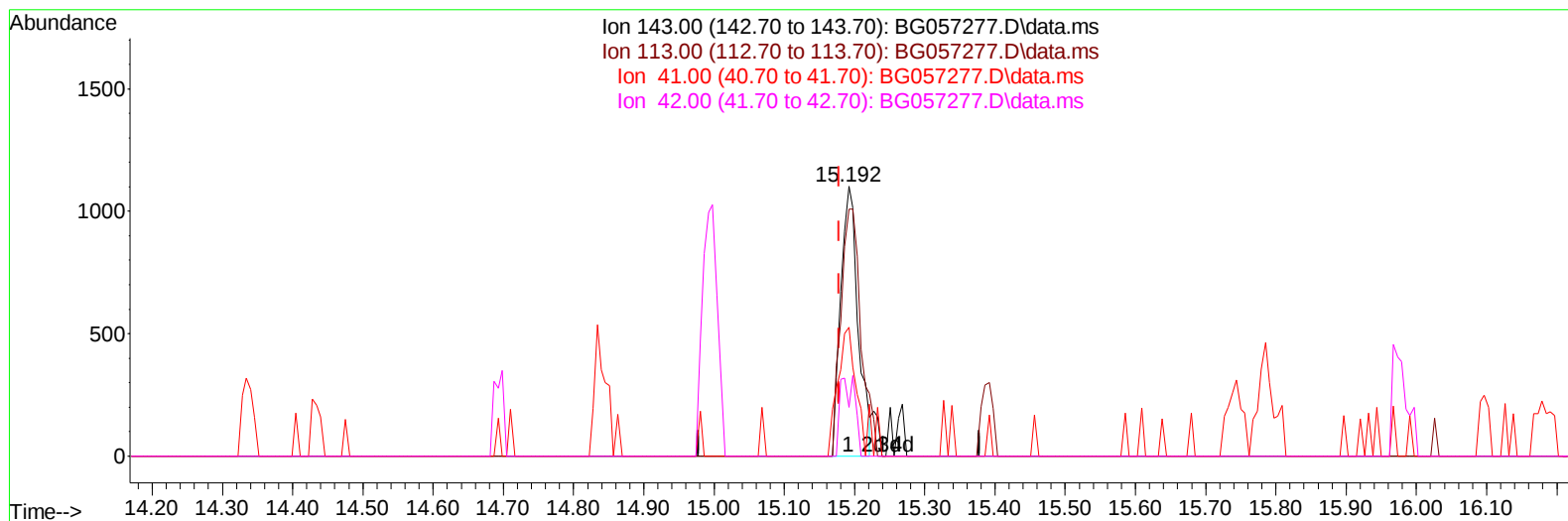
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.192min (+ 0.014) 3.33 ng/u1

response 1892

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	91.55
41.00	44.40	47.87
42.00	28.40	18.07#

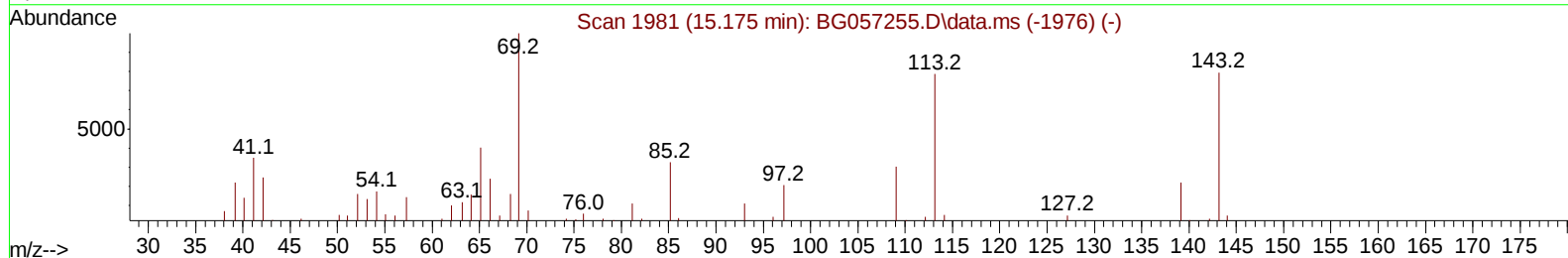
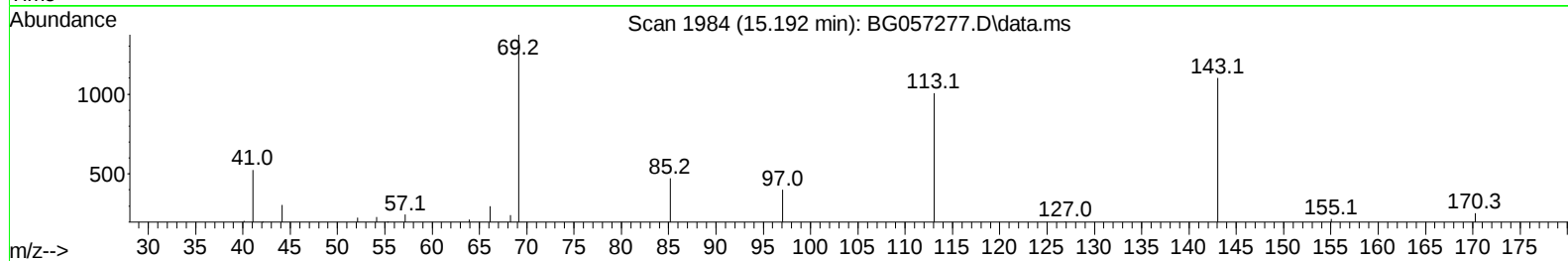
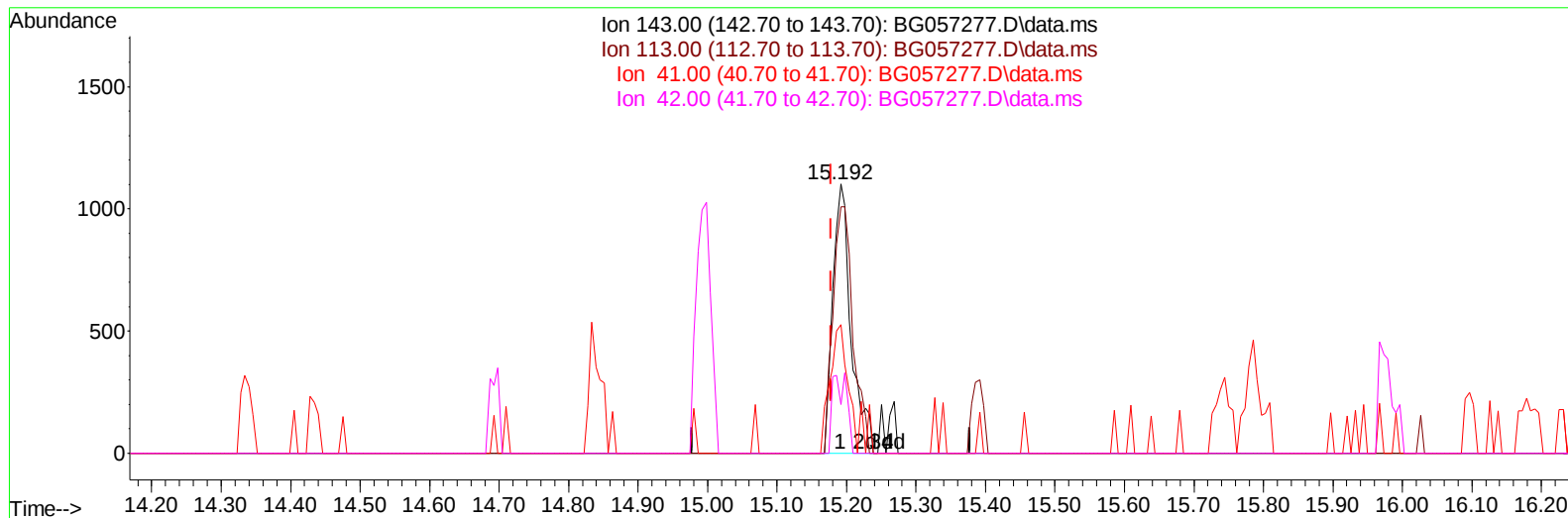
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.192min (+ 0.014) 3.55 ng/ul m

response 2013

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	91.55
41.00	44.40	47.87
42.00	28.40	18.07#

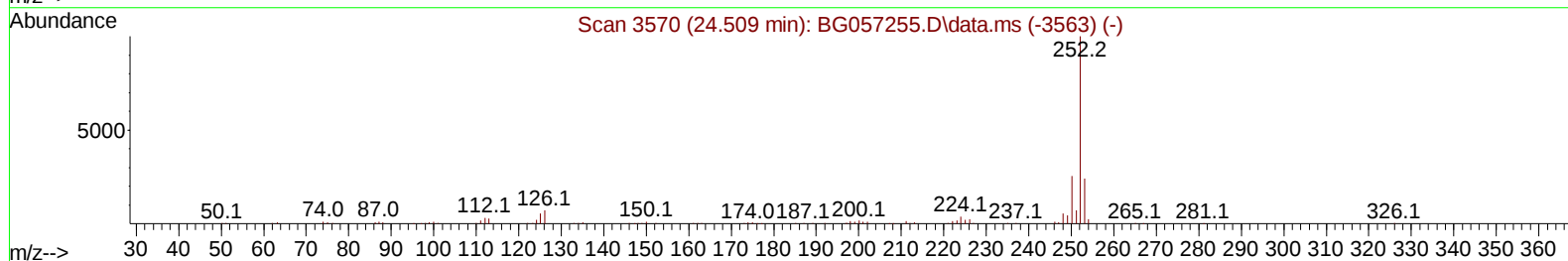
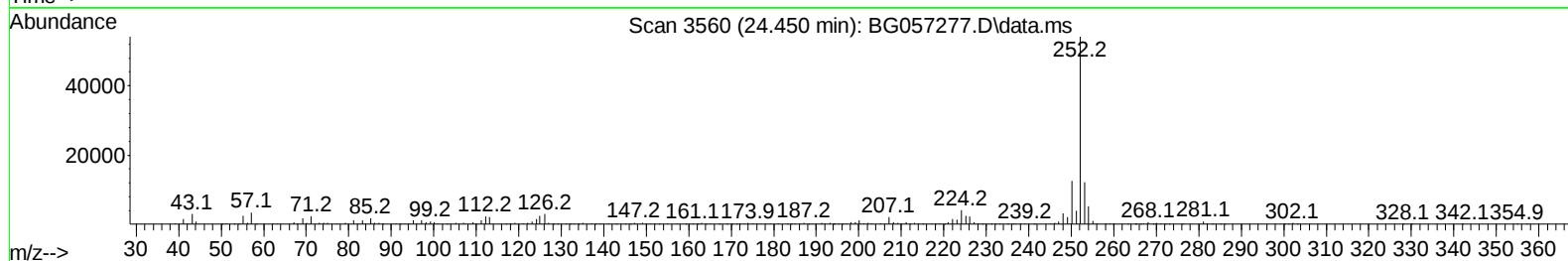
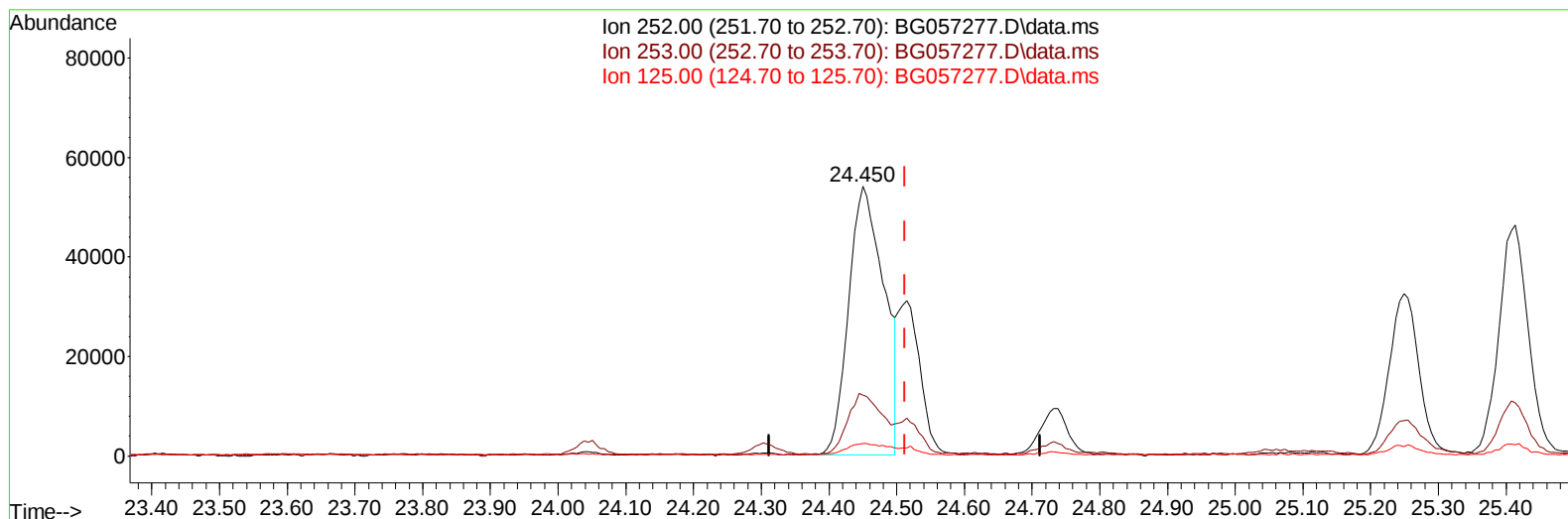
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
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Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

(91) Benzo(k)fluoranthene

24.450min (-0.062) 31.56 ng/u1

response 195470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.54
125.00	5.60	4.73
0.00	0.00	0.00

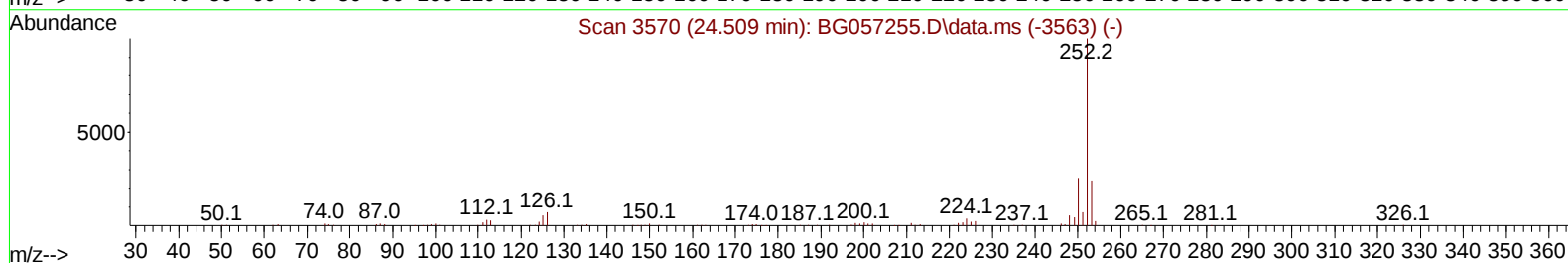
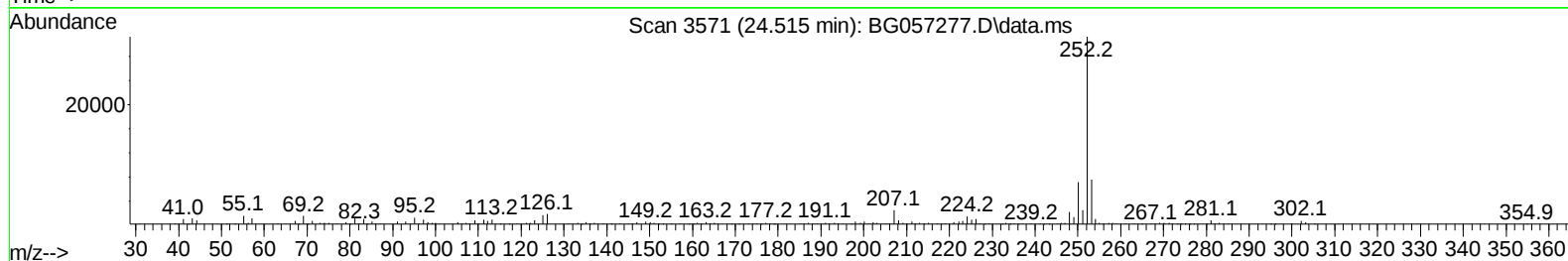
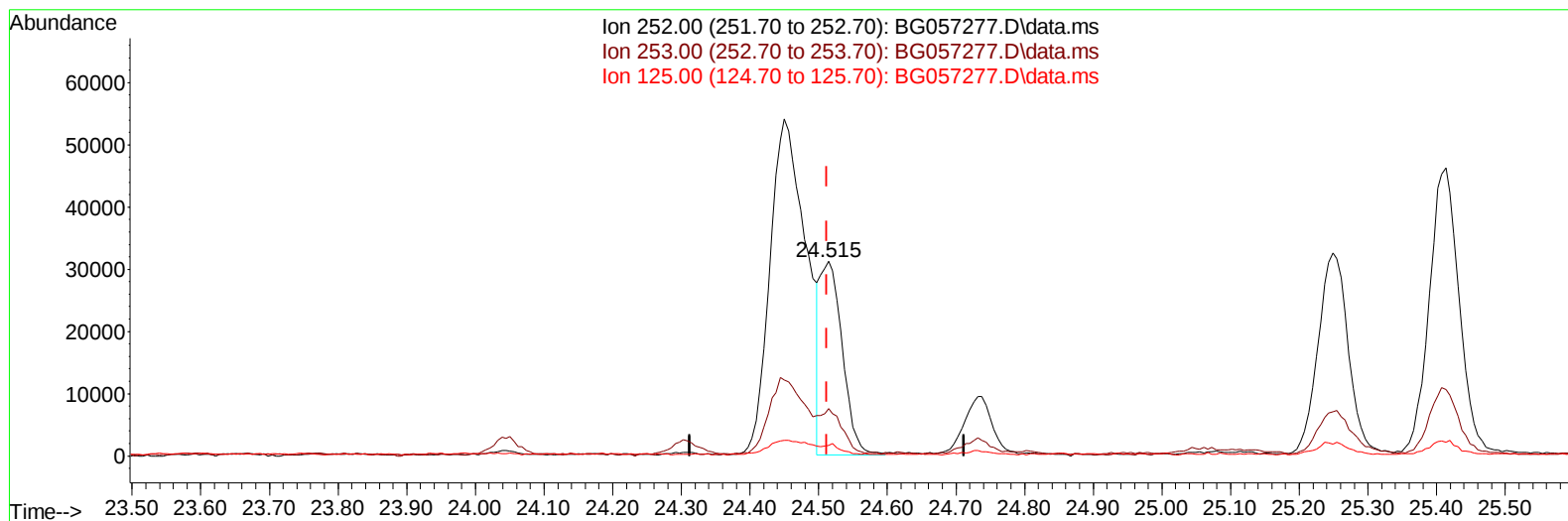
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Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

(91) Benzo(k)fluoranthene

24.515min (+ 0.002) 11.28 ng/ul m

response 69844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.22
125.00	5.60	5.34
0.00	0.00	0.00

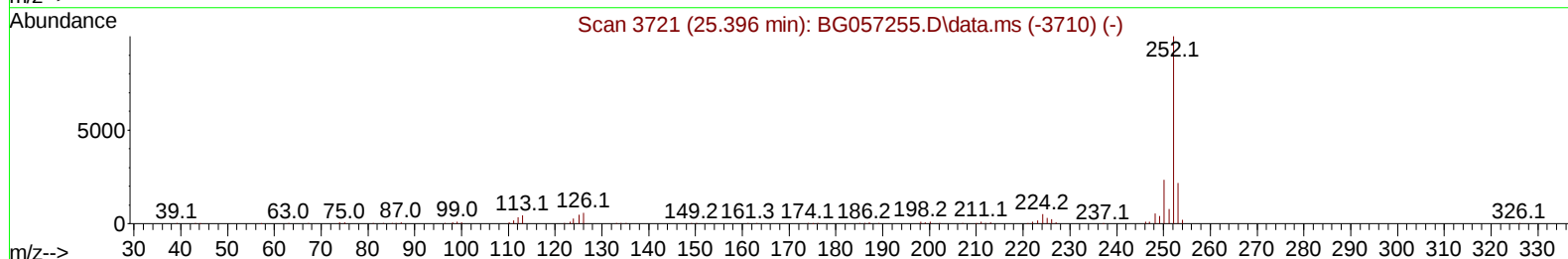
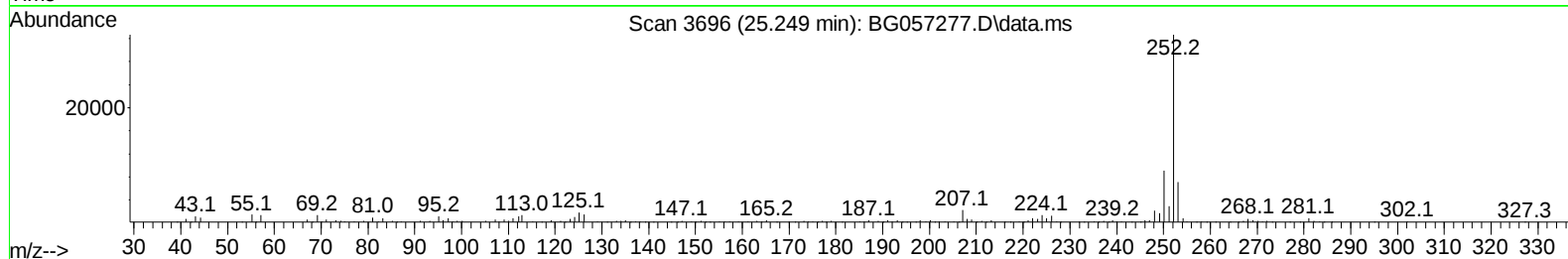
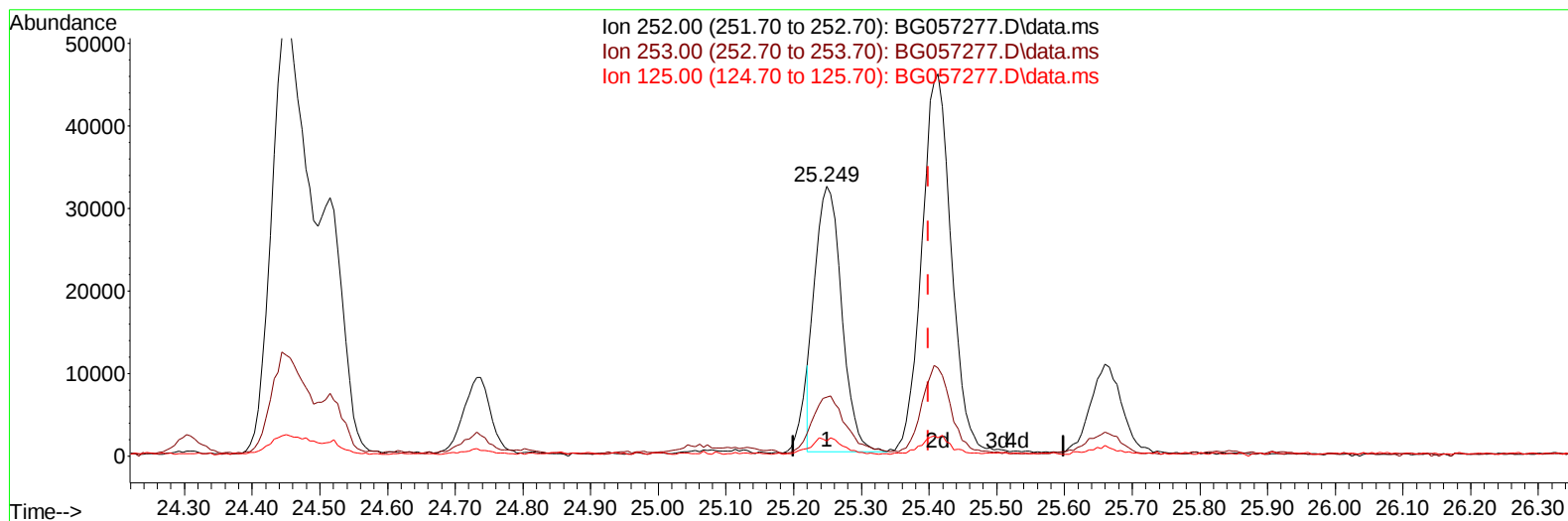
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

(93) Benzo(a)pyrene (C)

25.249min (-0.150) 16.08 ng/u1

response 88392

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.75
125.00	6.40	5.67
0.00	0.00	0.00

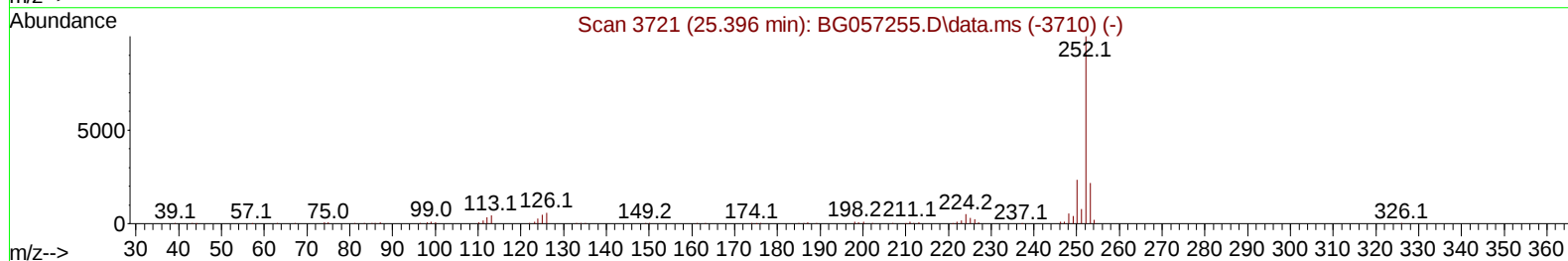
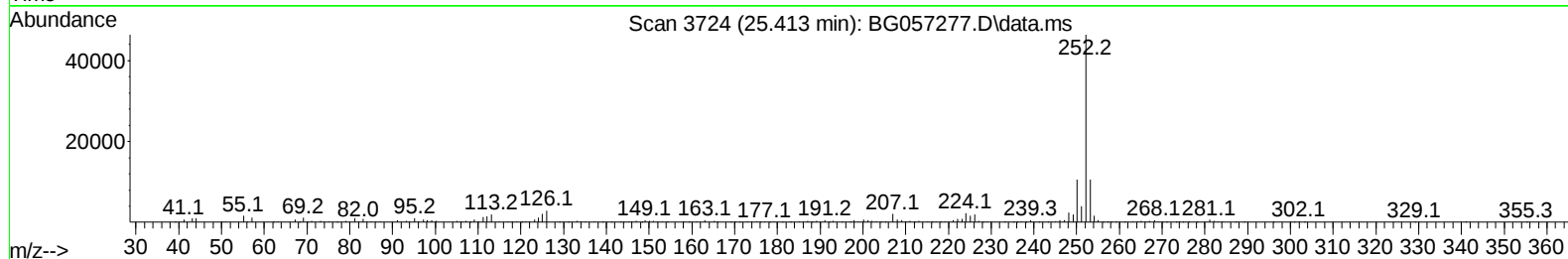
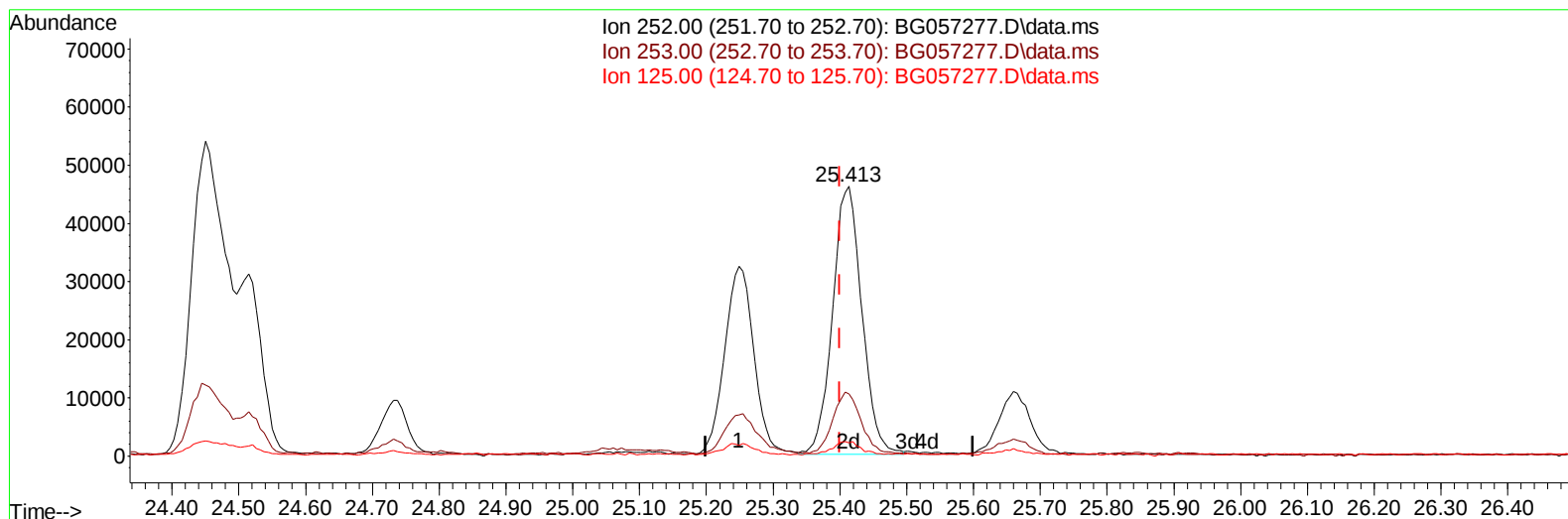
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(93) Benzo(a)pyrene (C)

25.413min (+ 0.014) 25.51 ng/ul m

response 140208

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.07
125.00	6.40	4.74#
0.00	0.00	0.00

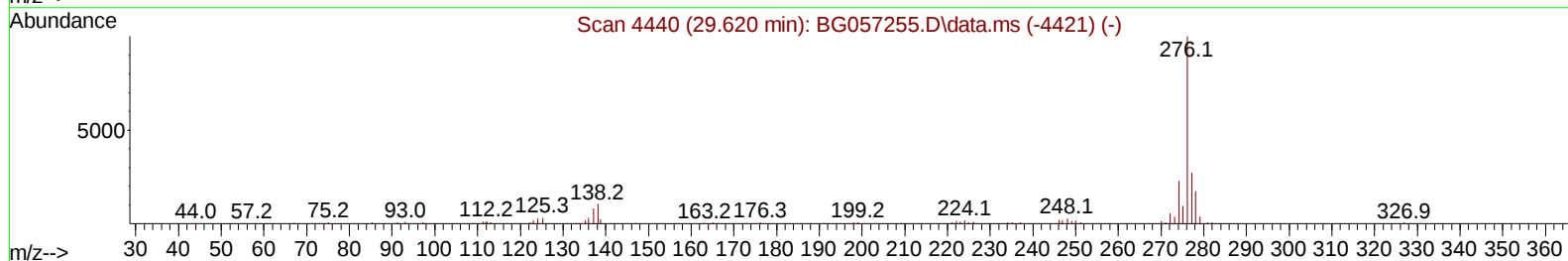
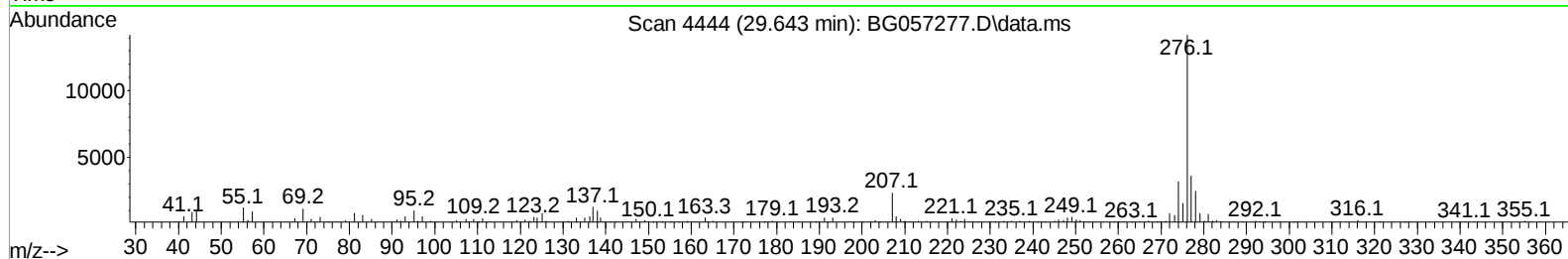
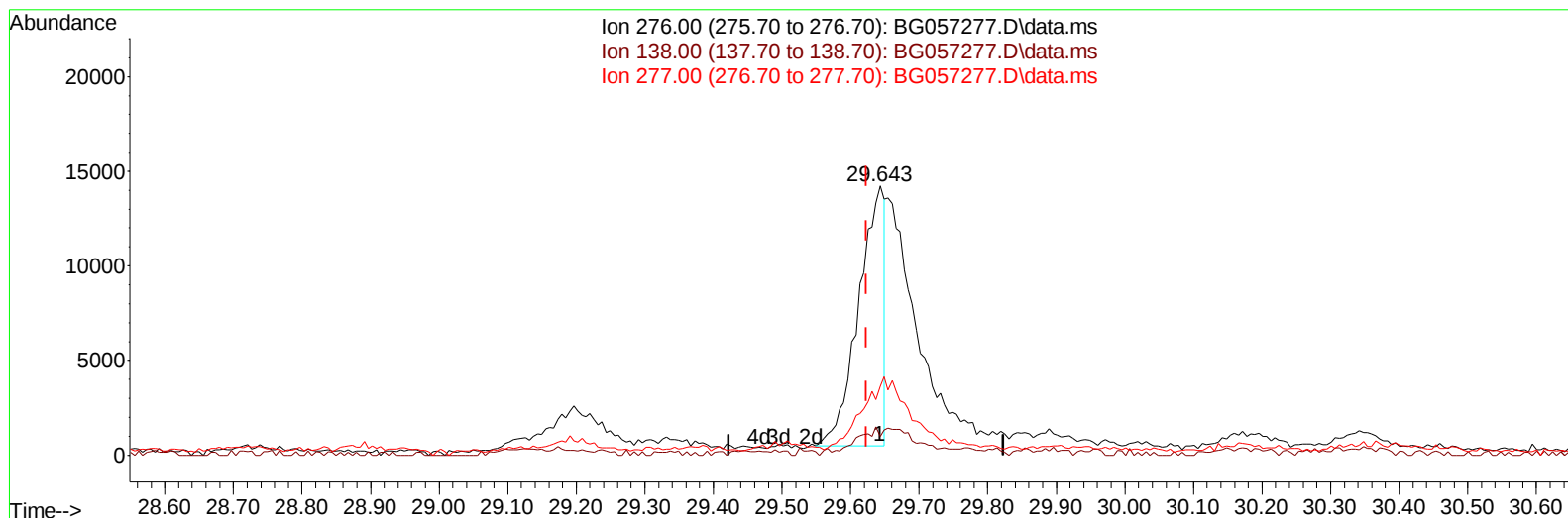
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

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

29.643min (+ 0.020) 5.26 ng/u1

response 36111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	7.00#
277.00	23.30	25.53
0.00	0.00	0.00

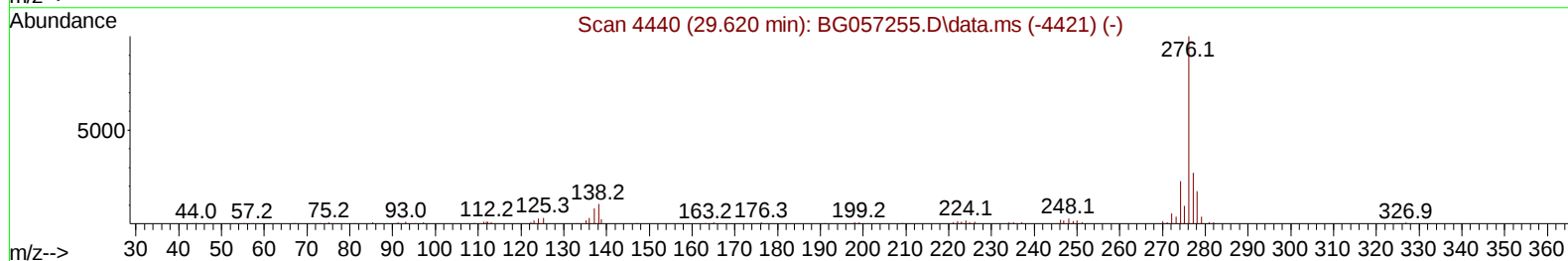
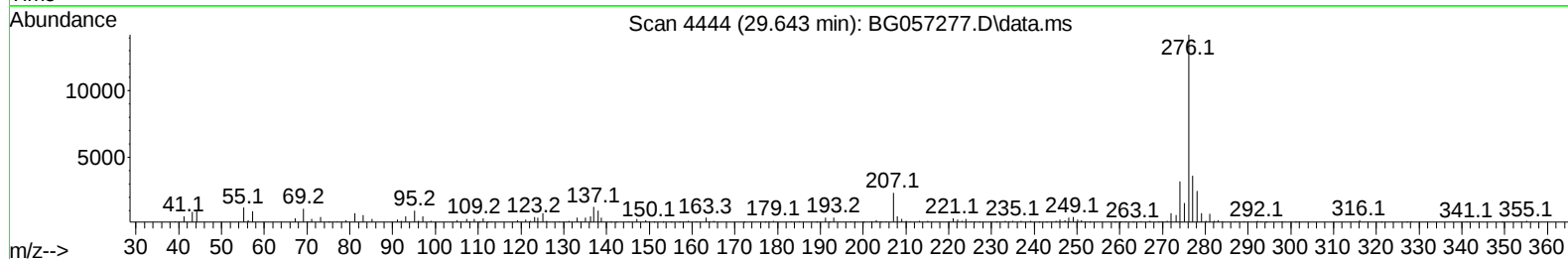
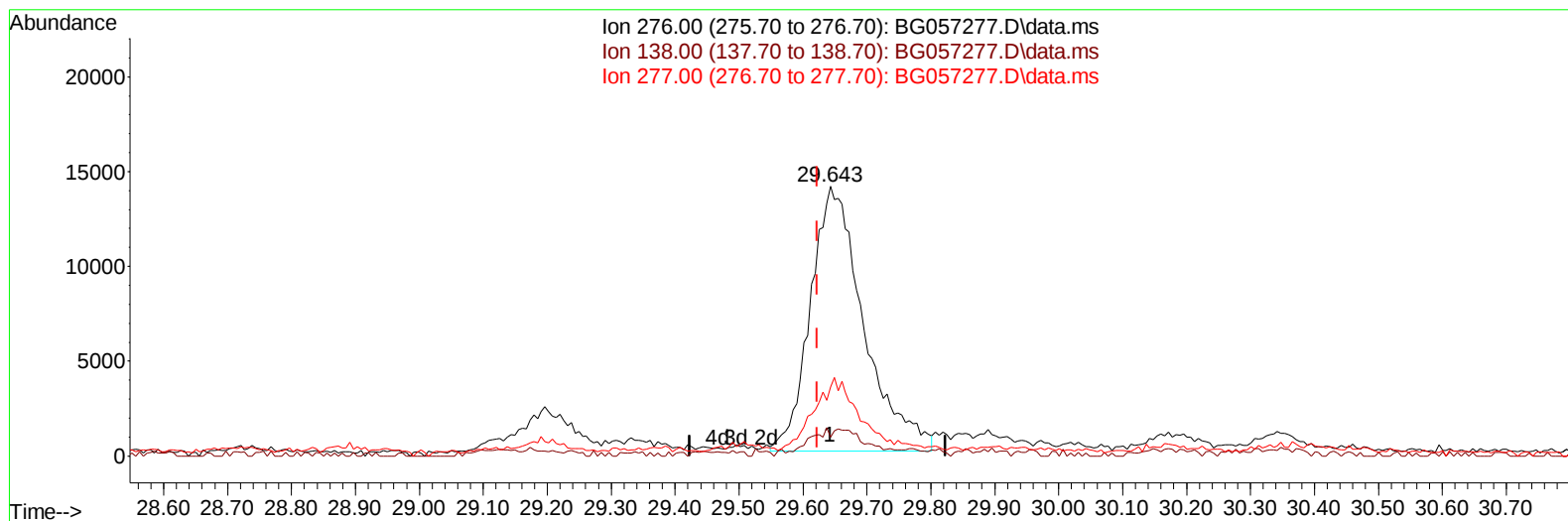
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

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

29.643min (+ 0.020) 11.78 ng/ul m

response 80895

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	7.00#
277.00	23.30	25.53
0.00	0.00	0.00

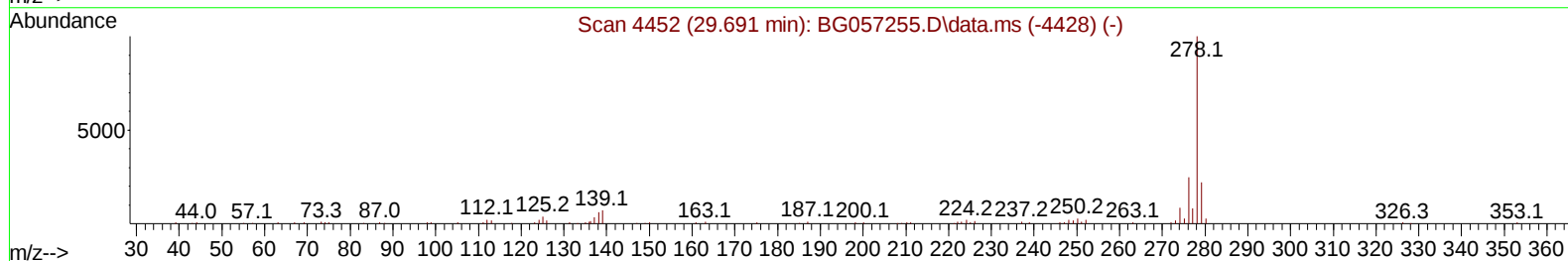
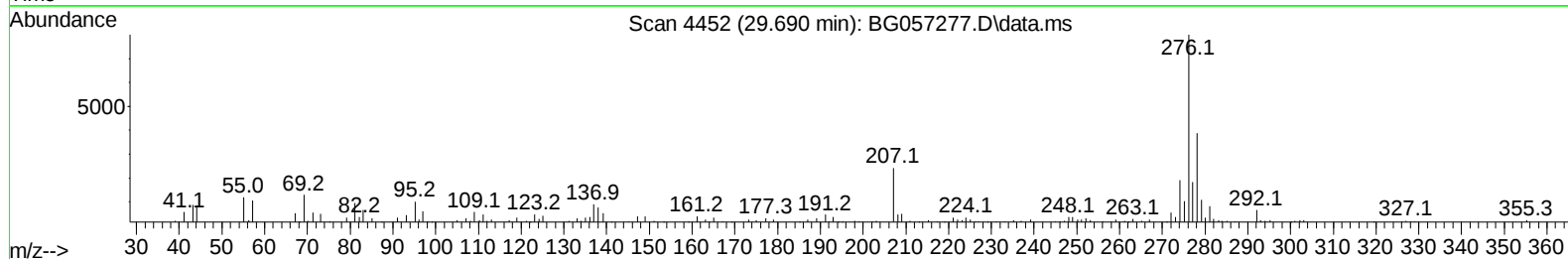
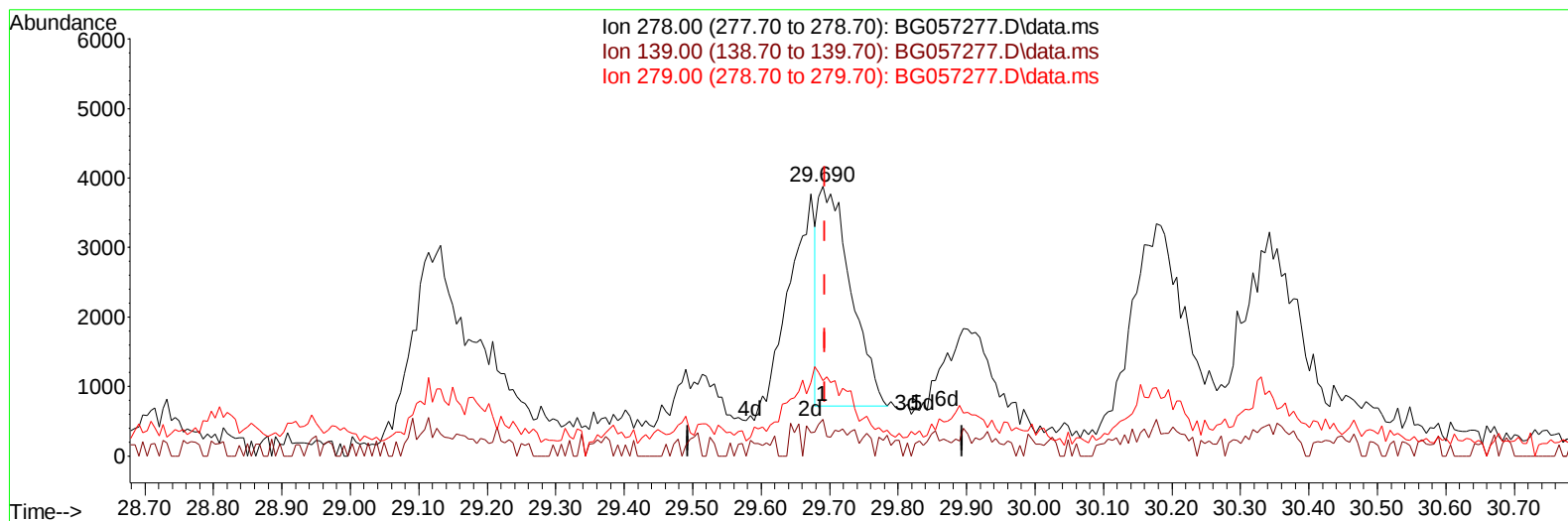
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(95) Dibenzo(a,h)anthracene

29.690min (-0.004) 1.83 ng/u1

response 10434

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	13.54#
279.00	22.90	27.90#
0.00	0.00	0.00

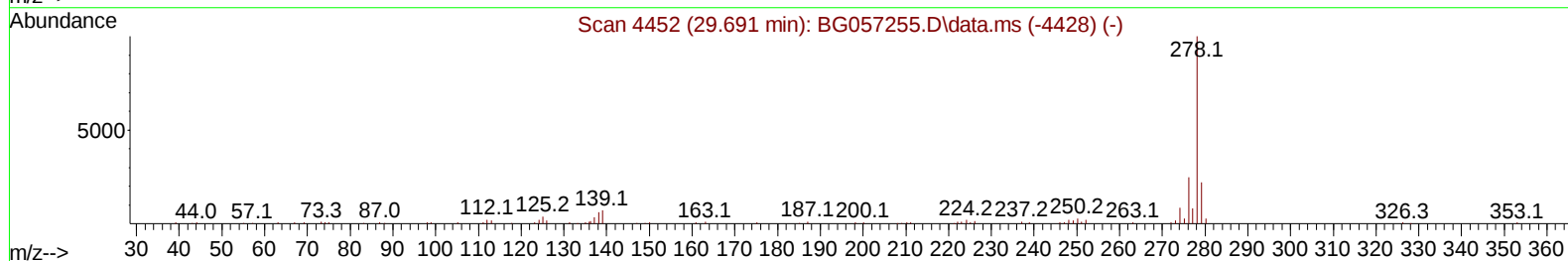
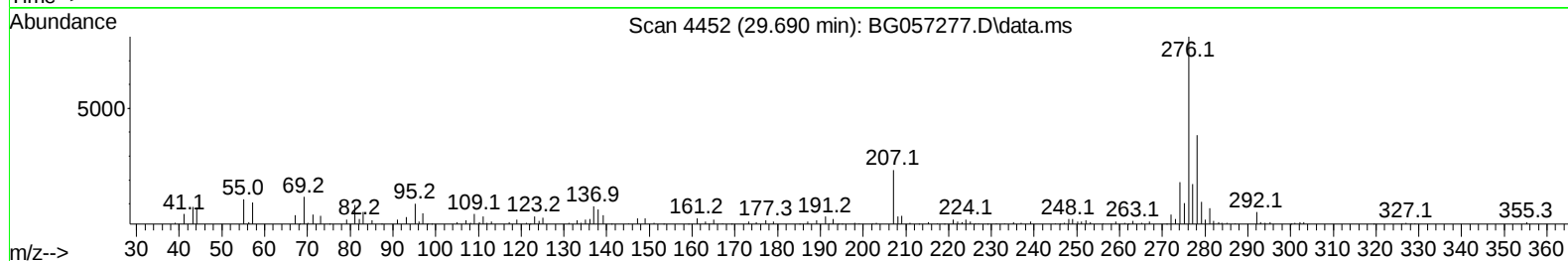
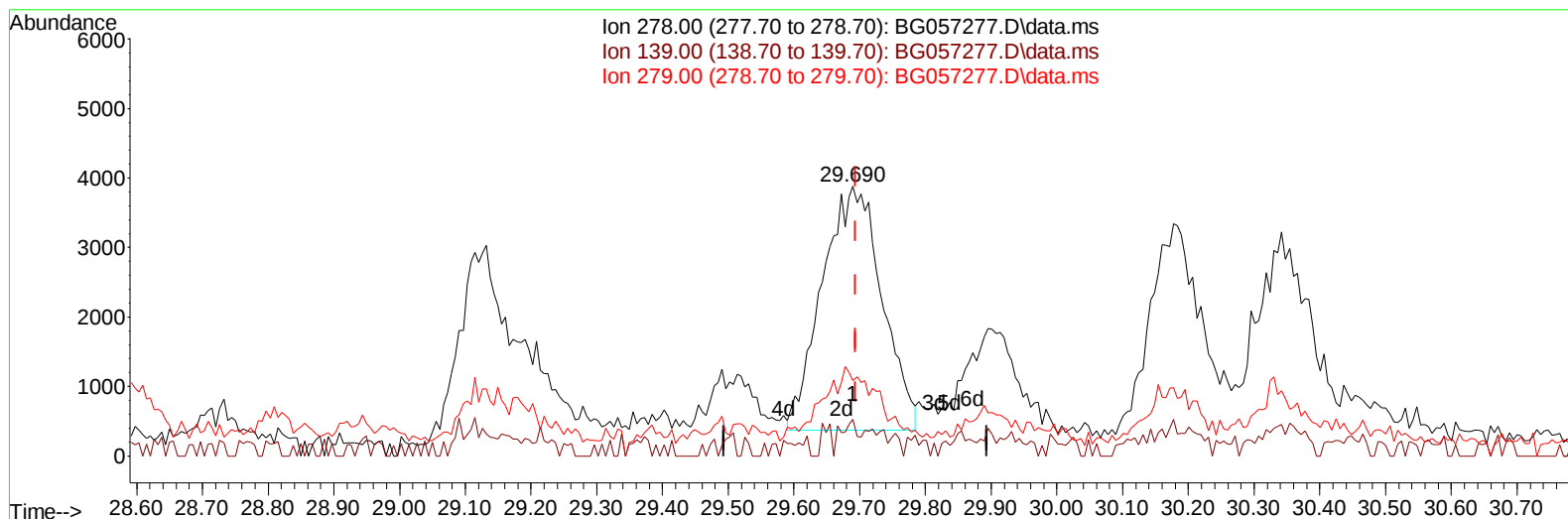
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

(95) Dibenzo(a,h)anthracene

29.690min (-0.004) 3.88 ng/ul m

response 22112

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	13.54#
279.00	22.90	27.90#
0.00	0.00	0.00

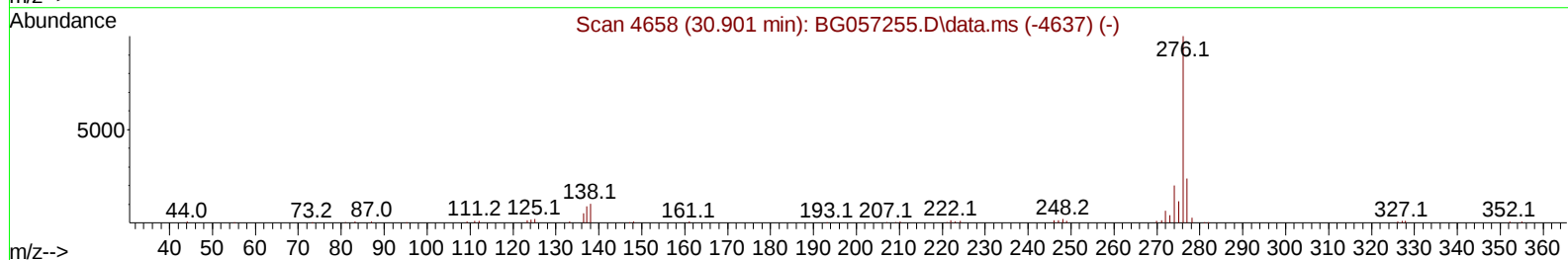
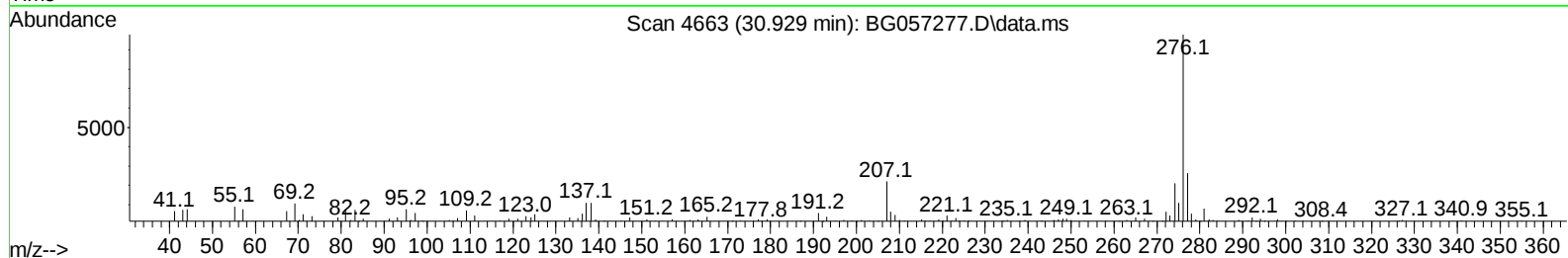
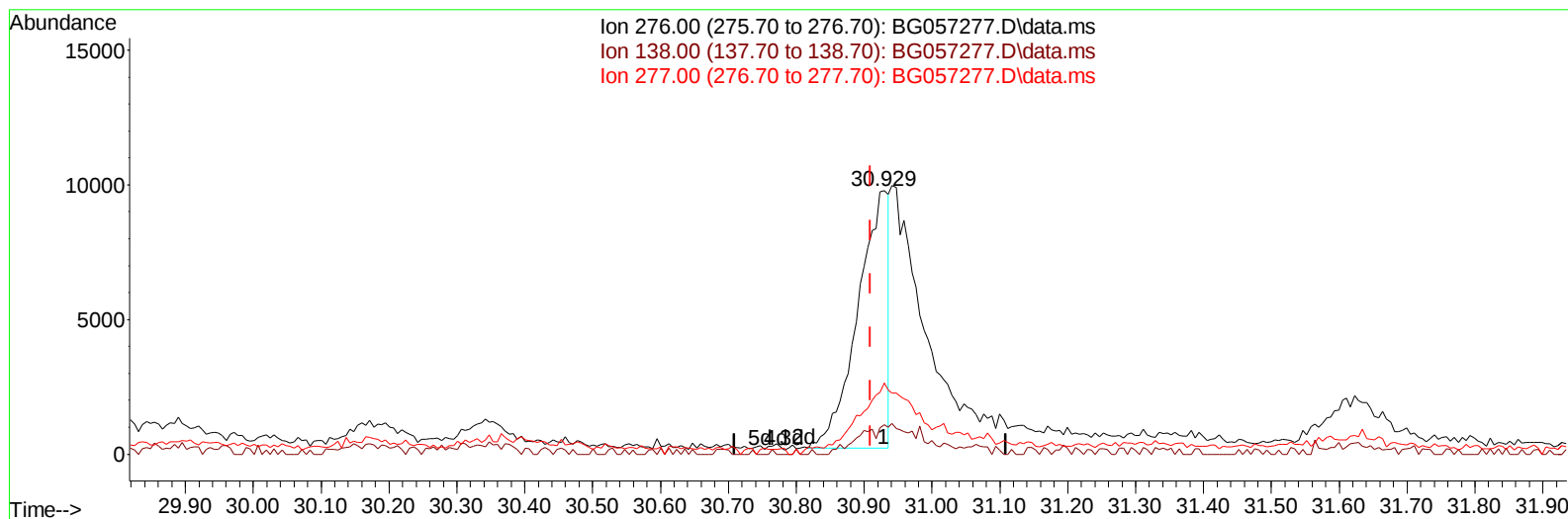
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057277.D
Acq On : 2 May 2023 13:43
Operator : CG/JU
Sample : 02417-15DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:02:05 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: BG057277.D\data.ms

(96) Benzo(g,h,i)perylene**30.929min (+ 0.020) 5.40 ng/u1****response 30040**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.17
277.00	23.00	27.00
0.00	0.00	0.00

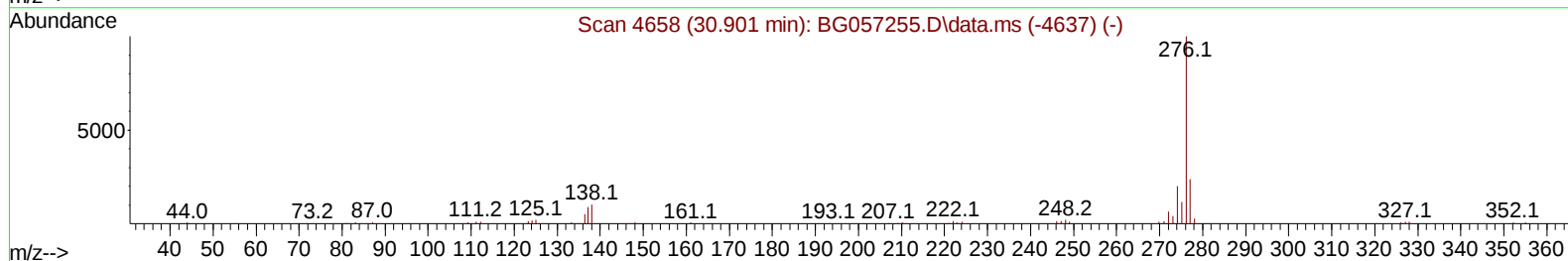
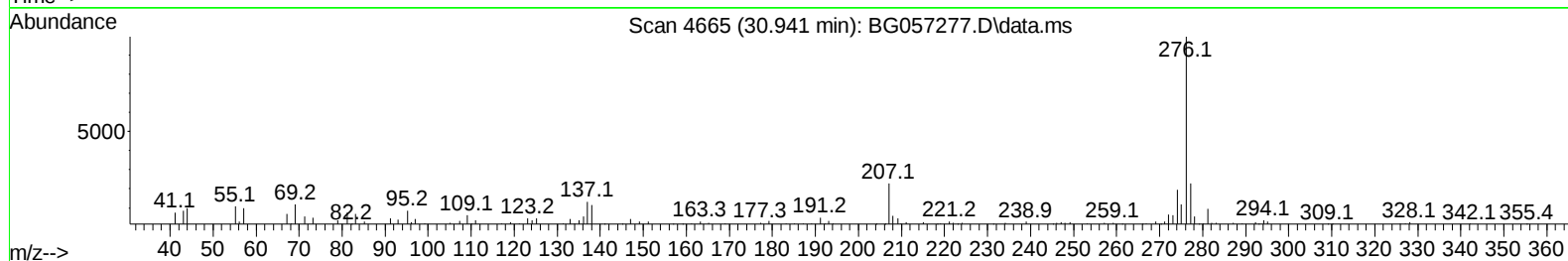
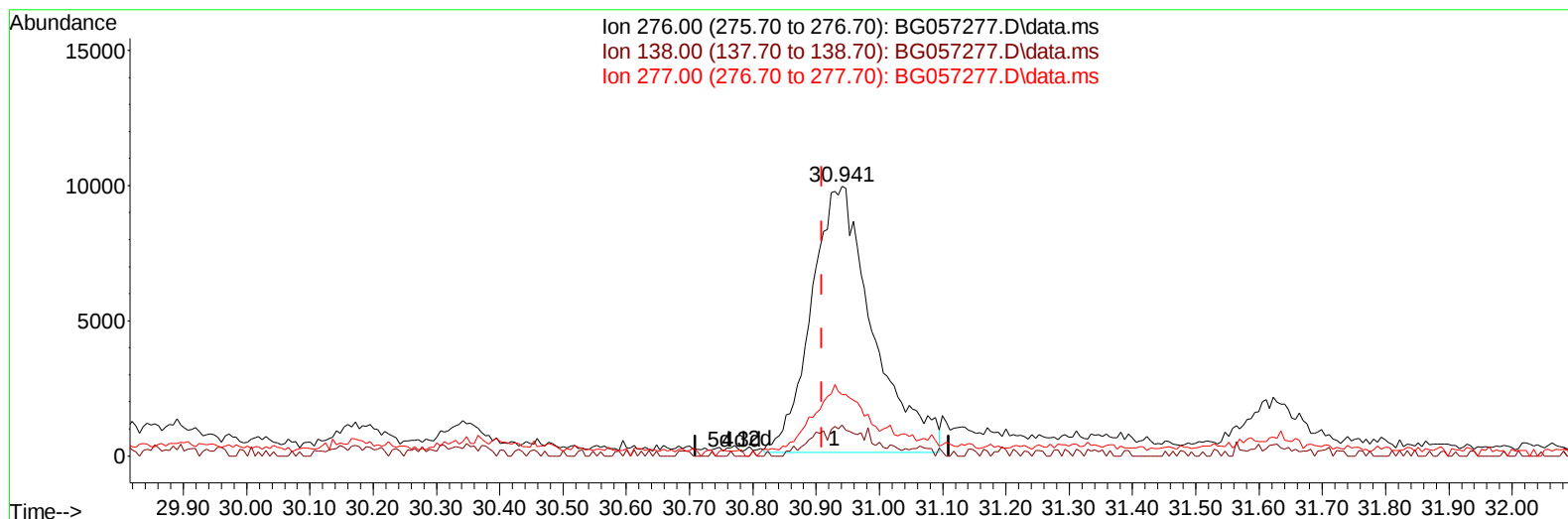
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057277.D
 Acq On : 2 May 2023 13:43
 Operator : CG/JU
 Sample : 02417-15DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:02:05 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057277.D\data.ms

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

30.941min (+ 0.032) 12.02 ng/ul m

response 66811

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.46
277.00	23.00	22.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.383	152		16707	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136		69884	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164		49211	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188		103624	20.000	ng/ul	0.00
79) Chrysene-d12	22.053	240		86333	20.000	ng/ul	# 0.00
88) Perylene-d12	25.578	264		91919	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.660	96		238	0.627	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.526	99		10848	6.866	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.684	67		6747	7.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132		7949	7.634	ng/ul	0.00
15) 4-Methylphenol-d8	9.082	113		6323	5.265	ng/ul	0.00
21) Nitrobenzene-d5	9.558	128		4362	7.838	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143		4755	7.321	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165		9553	7.624	ng/ul	0.00
31) 4-Chloroaniline-d4	11.356	131		2099	1.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166		31090	7.973	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160		36996	8.442	ng/ul	0.00
54) 4-Nitrophenol-d4	15.192	143		2013m	3.547	ng/ul	0.01
60) Fluorene-d10	15.979	176		28631	7.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.102	200		1264	2.059	ng/ul	0.00
73) Anthracene-d10	17.835	188		41766	8.830	ng/ul	0.00
81) Pyrene-d10	20.097	212		46398	9.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.331	264		41730	8.911	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	7.561	94		10521m	6.607	ng/ul	
16) Acetophenone	9.212	105		3200	1.549	ng/ul#	90
37) 1-Methylnaphthalene	13.065	142		2993	1.058	ng/ul#	99
52) Acenaphthene	15.057	153		5485	1.729	ng/ul	98
56) Dibenzofuran	15.392	168		5348	1.167	ng/ul	98
61) Fluorene	16.032	166		8797	2.270	ng/ul	97
72) Phenanthrene	17.777	178		170156	31.532	ng/ul	97
74) Anthracene	17.871	178		33729	6.222	ng/ul	98
77) Carbazole	18.129	167		11503	2.539	ng/ul#	92
80) Fluoranthene	19.768	202		320968	52.728	ng/ul	97
82) Pyrene	20.132	202		295580	47.965	ng/ul#	96
85) Benzo(a)anthracene	22.030	228		161897	26.515	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.871	149		5433	1.893	ng/ul#	99
87) Chrysene	22.100	228		151267	26.258	ng/ul	95
90) Benzo(b)fluoranthene	24.450	252		195470	30.709	ng/ul#	96
91) Benzo(k)fluoranthene	24.515	252		69844m	11.278	ng/ul	
93) Benzo(a)pyrene	25.413	252		140208m	25.514	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.643	276		80895m	11.776	ng/ul	
95) Dibenzo(a,h)anthracene	29.690	278		22112m	3.882	ng/ul	
96) Benzo(g,h,i)perylene	30.941	276		66811m	12.018	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

EW8Y1DL

Manual IntegrationsAPPROVED

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