

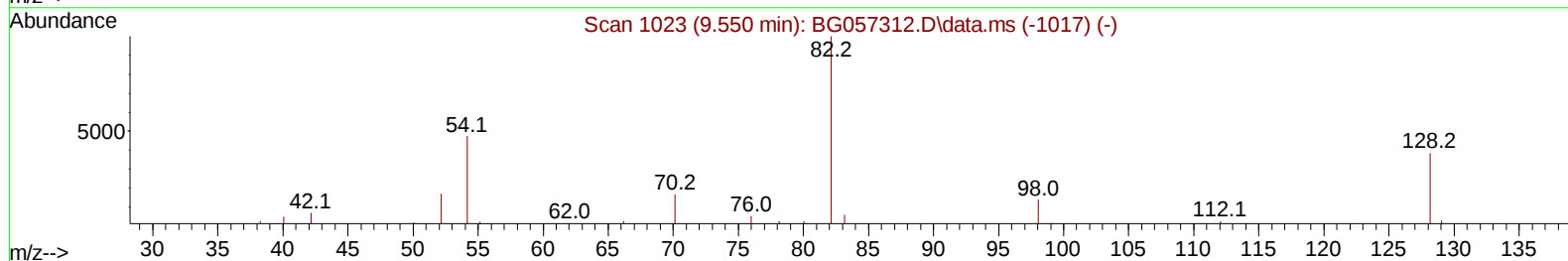
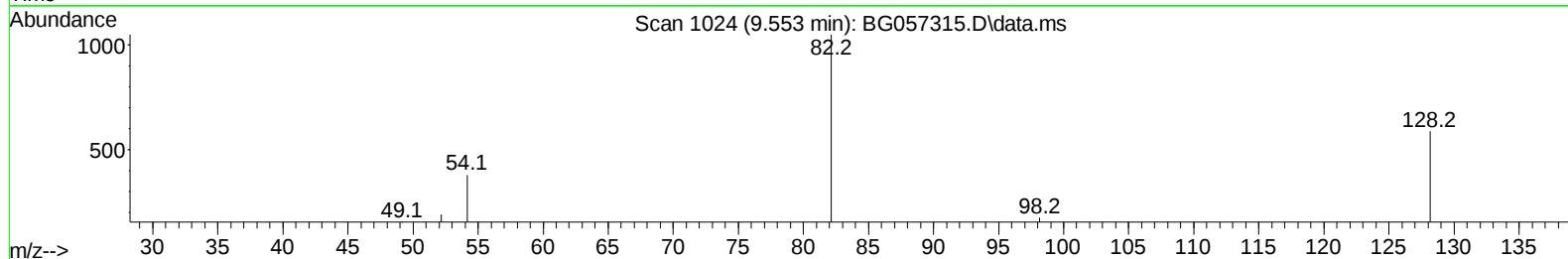
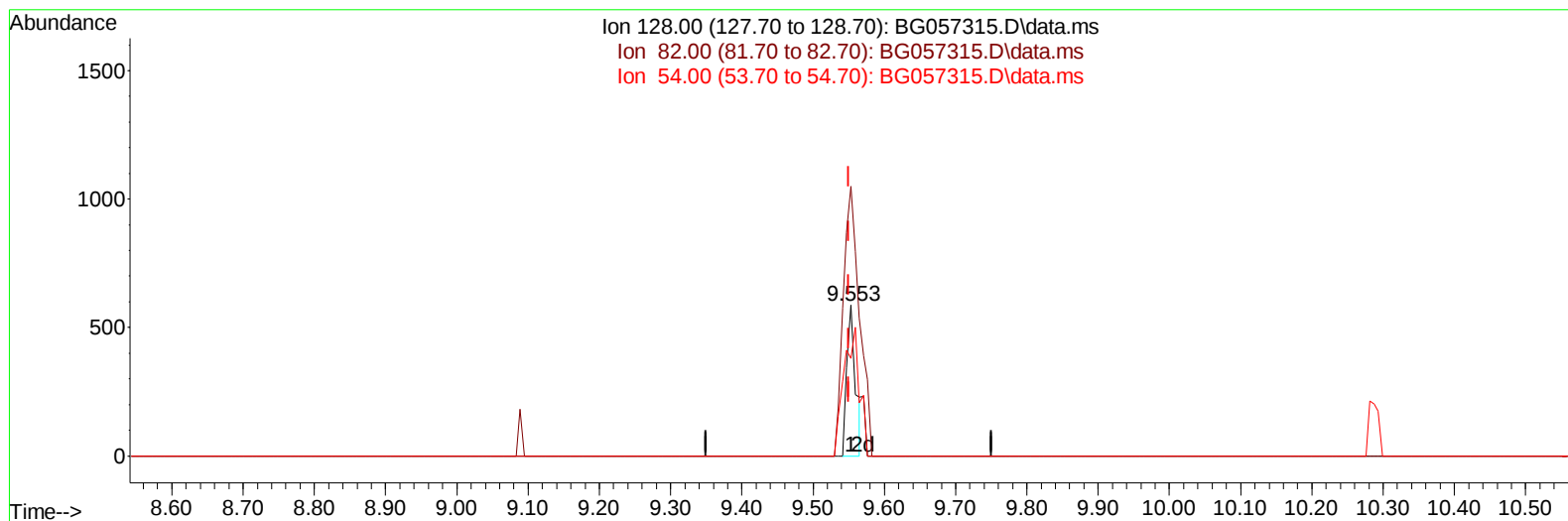
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
 Sample : 02479-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 05 23:54:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration



TIC: BG057315.D\data.ms

(21) Nitrobenzene-d5 (S)

9.553min (+ 0.003) 0.73 ng/u1

response 492

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	259.80	178.71#
54.00	119.00	64.57#
0.00	0.00	0.00

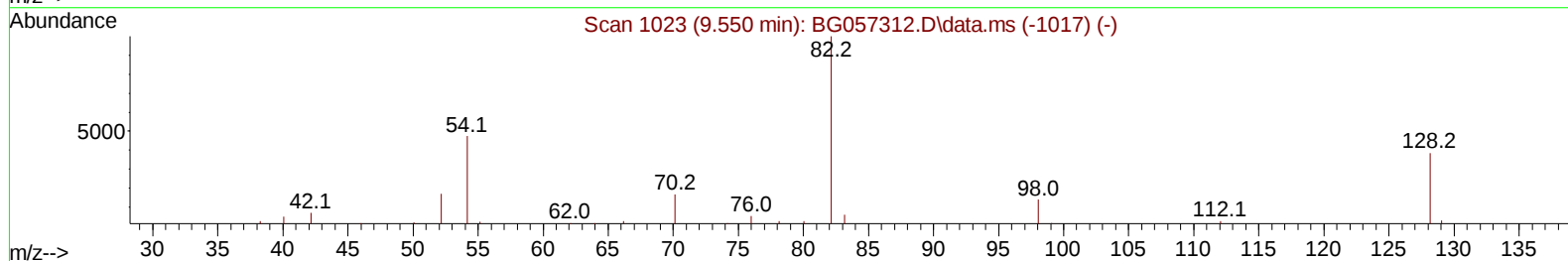
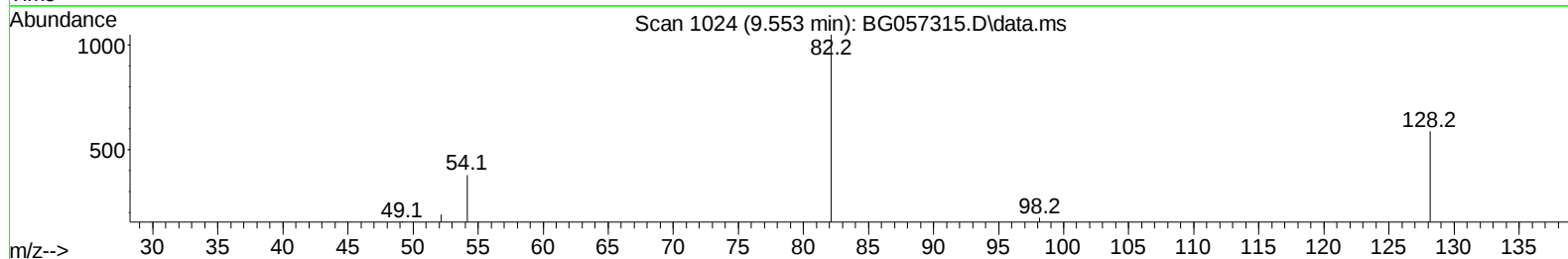
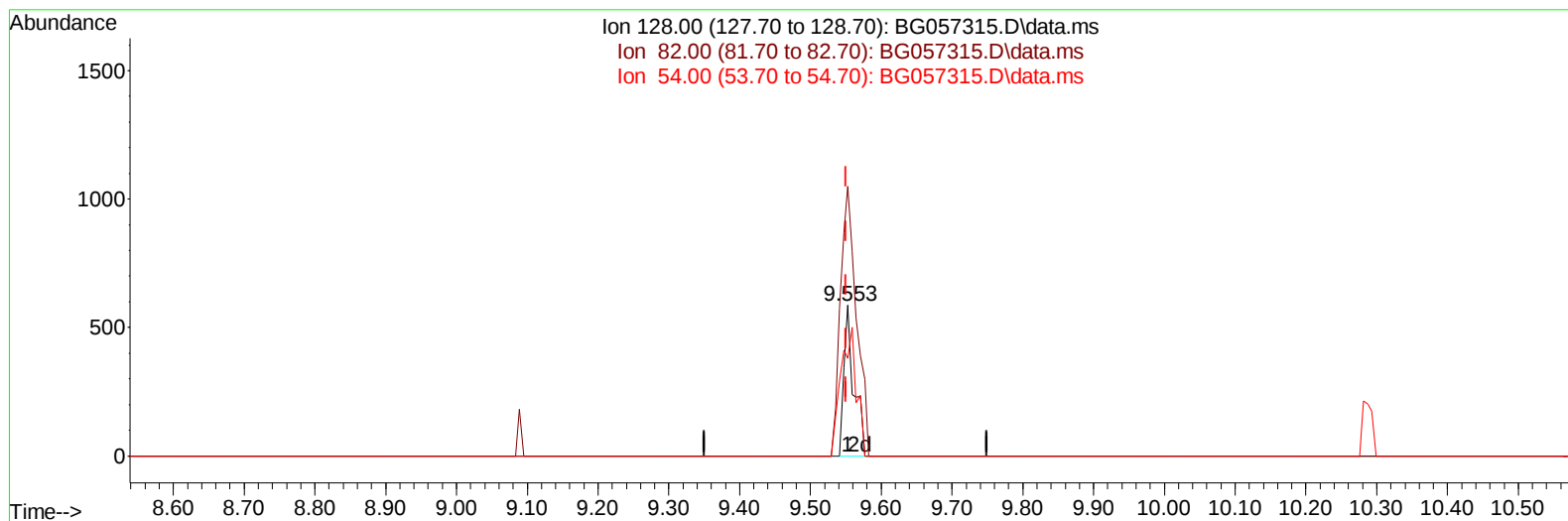
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 05 23:54:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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QLast Update : Fri May 05 11:20:08 2023
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Reviewed By :Christian Giraldo 05/08/2023
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TIC: BG057315.D\data.ms

(21) Nitrobenzene-d5 (S)

9.553min (+ 0.003) 0.85 ng/ul m

response 574

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	259.80	178.71#
54.00	119.00	64.57#
0.00	0.00	0.00

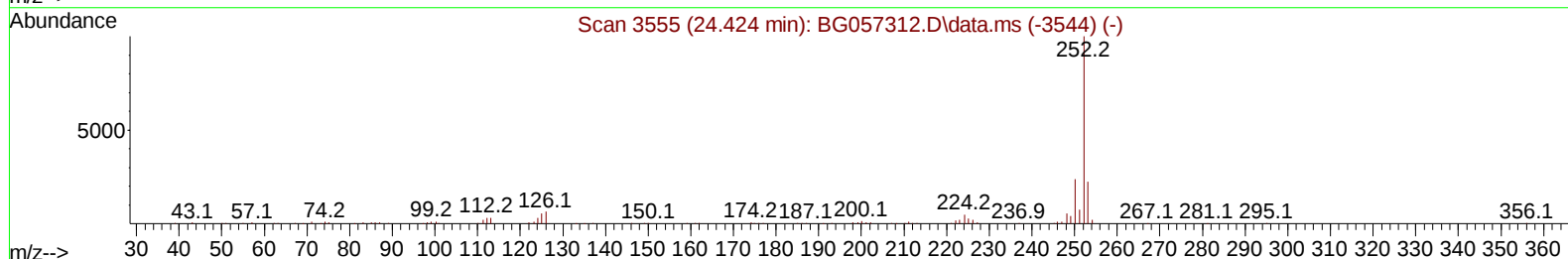
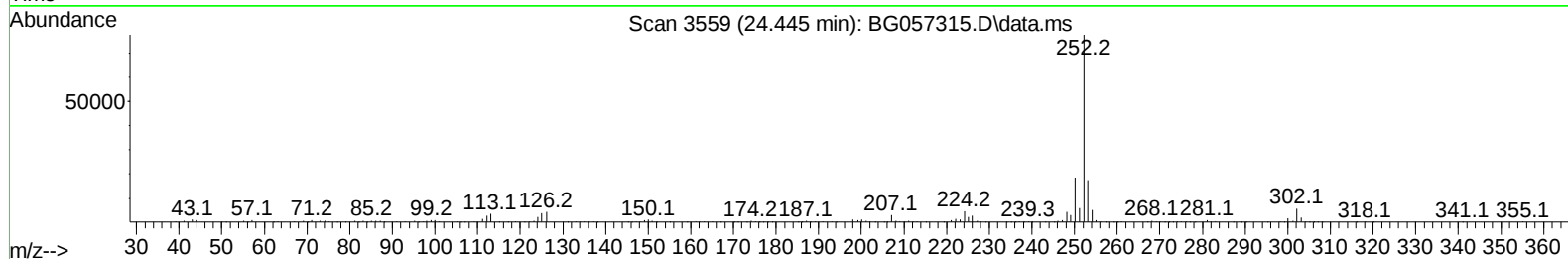
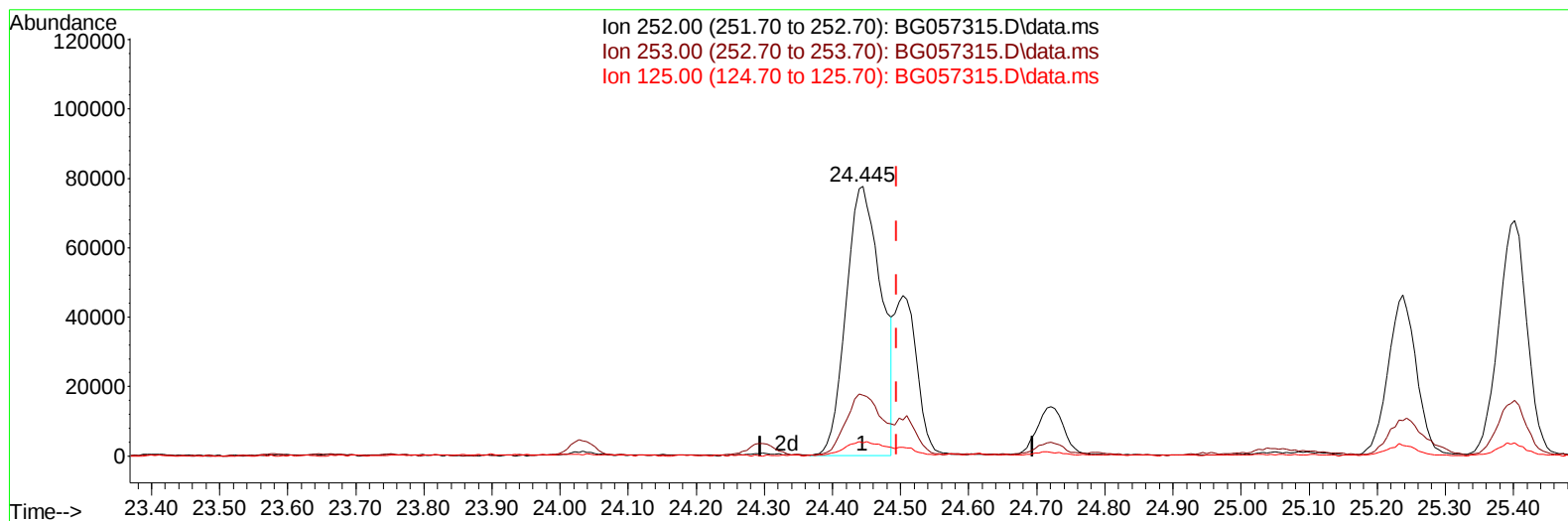
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 00:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

(91) Benzo(k)fluoranthene

24.445min (-0.050) 29.64 ng/u1

response 277350

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.56
125.00	5.60	4.95
0.00	0.00	0.00

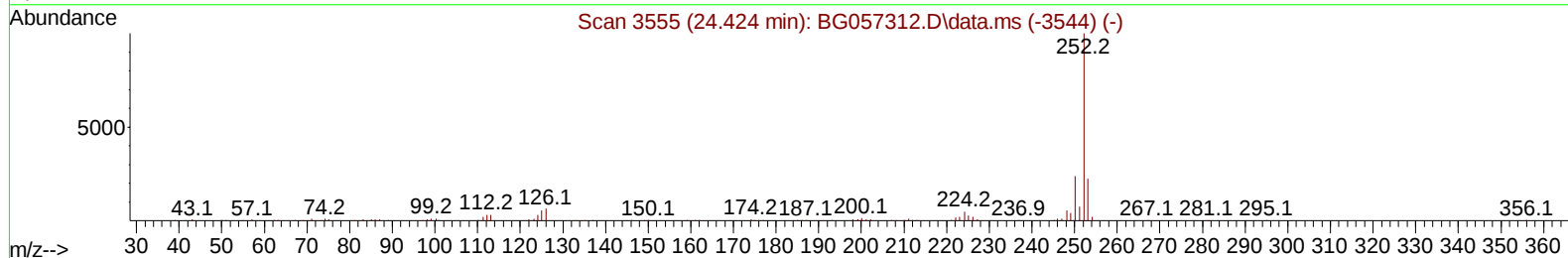
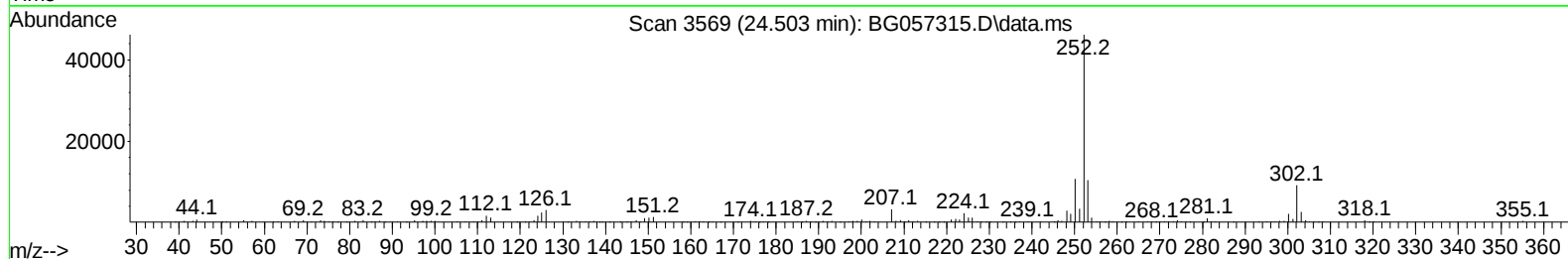
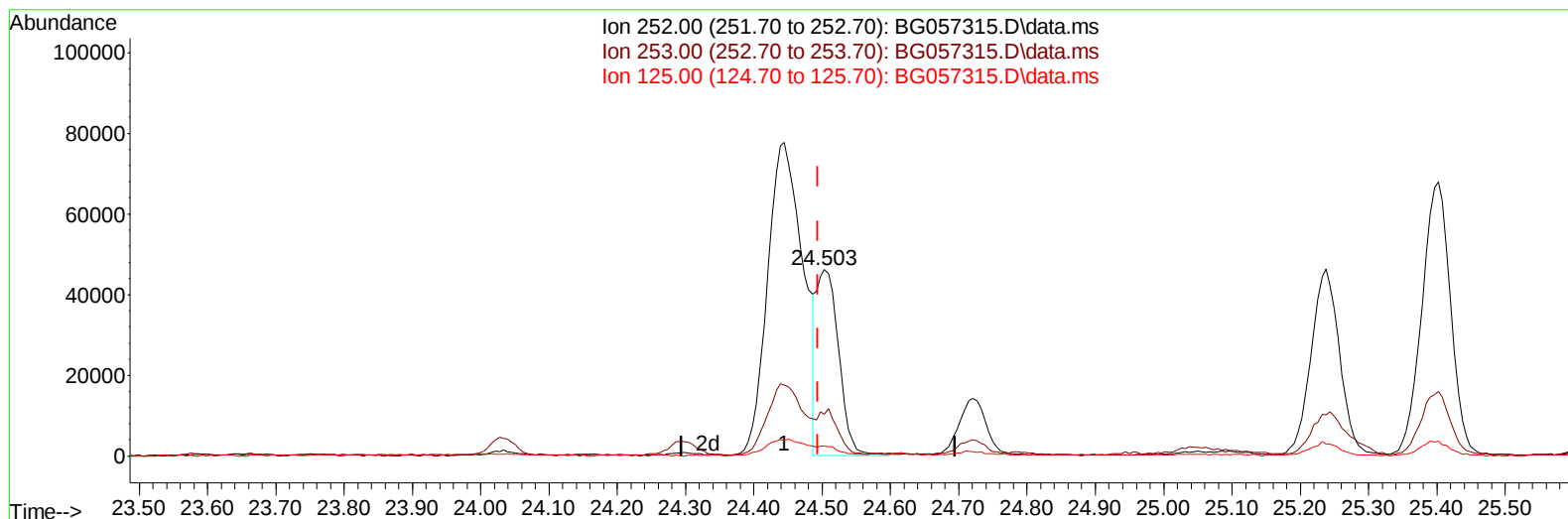
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
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Quant Time: May 06 00:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

(91) Benzo(k)fluoranthene

24.503min (+ 0.009) 11.21 ng/ul m

response 104906

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.51
125.00	5.60	5.44
0.00	0.00	0.00

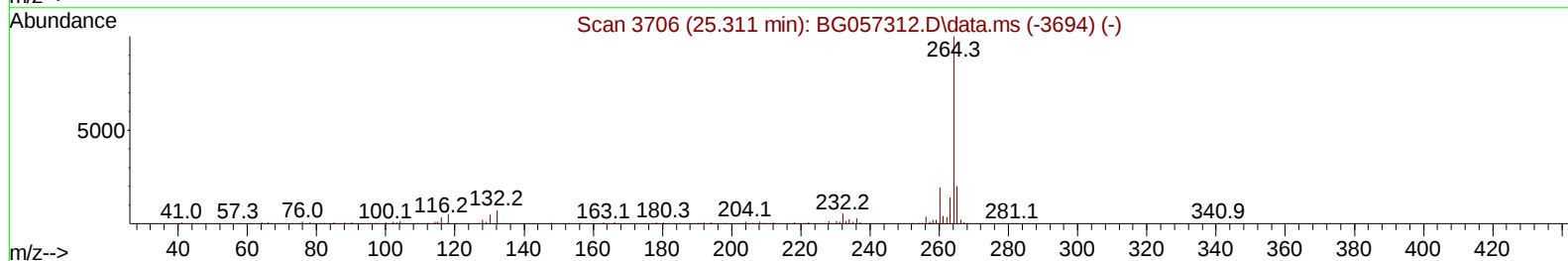
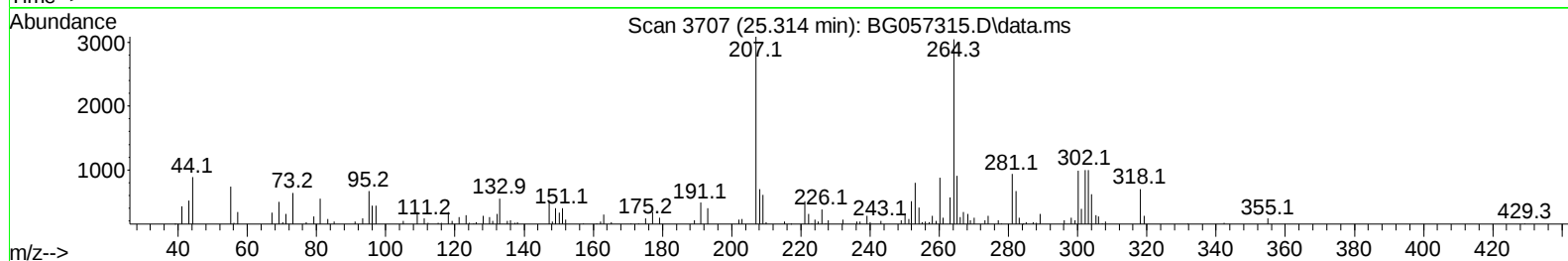
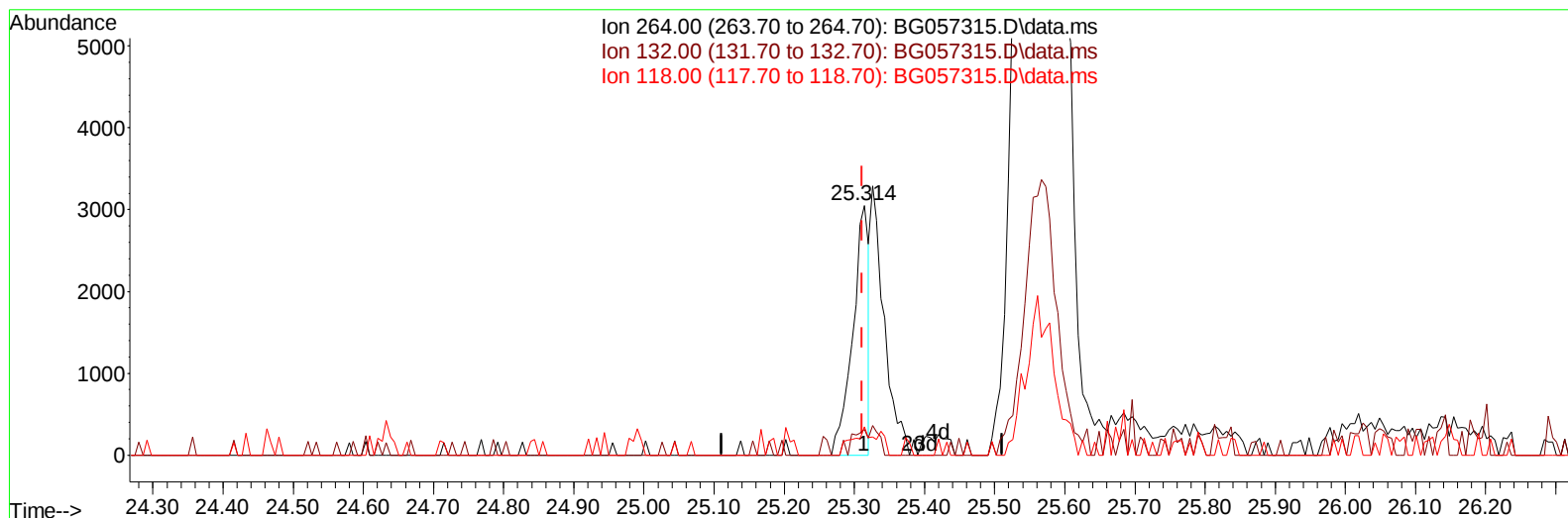
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
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Quant Time: May 06 00:24:03 2023
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QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.314min (+ 0.003) 0.69 ng/u1

response 4852

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	7.70	10.22#
118.00	6.30	11.20#
0.00	0.00	0.00

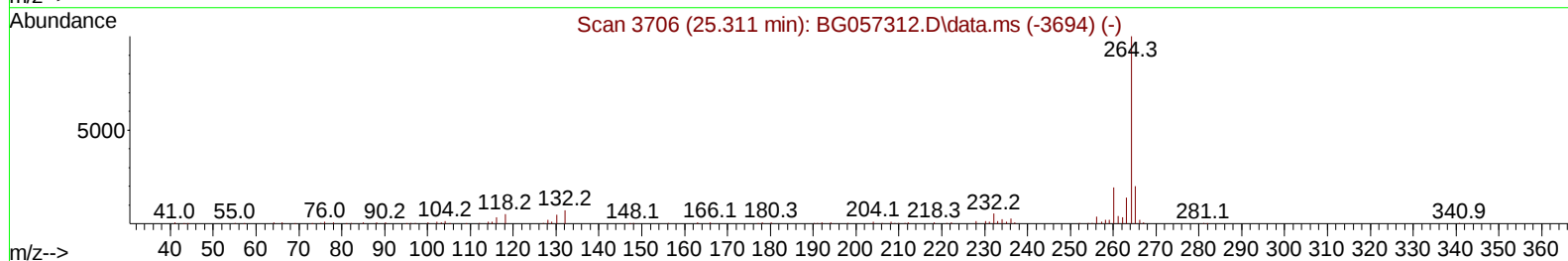
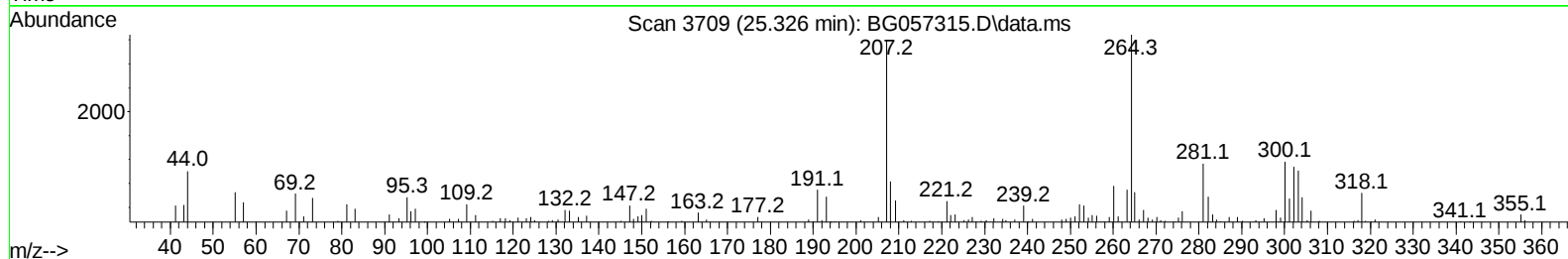
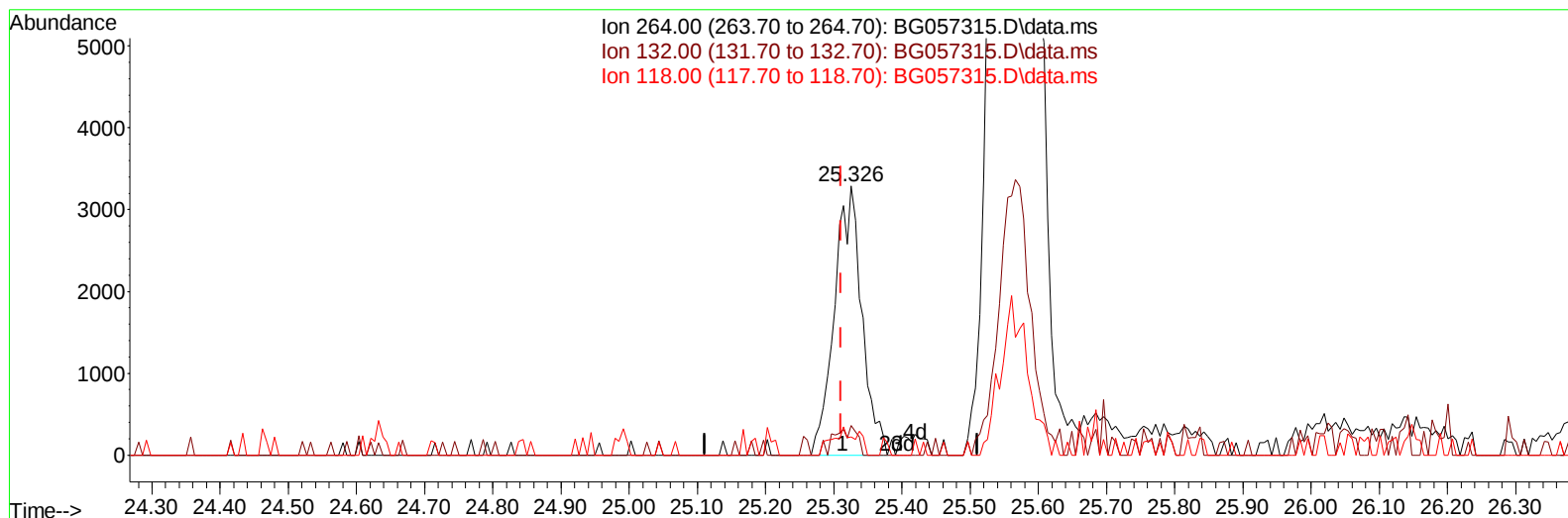
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 00:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.326min (+ 0.015) 1.30 ng/ul m

response 9185

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	7.70	10.92#
118.00	6.30	6.72
0.00	0.00	0.00

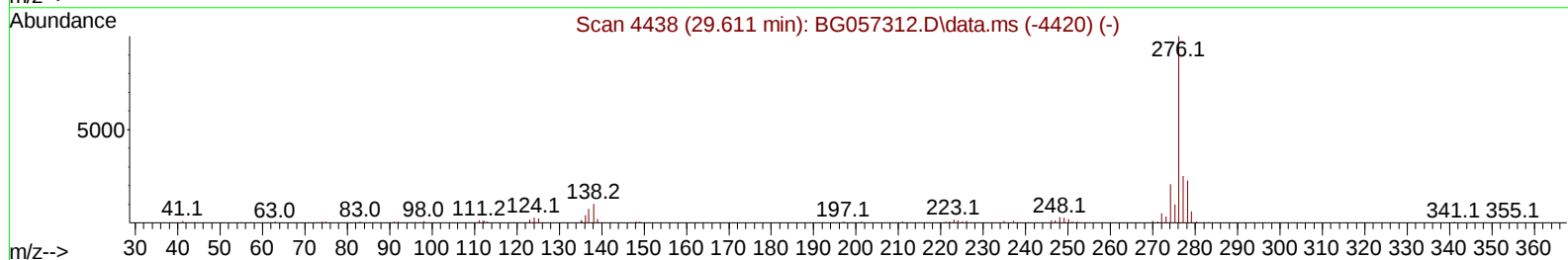
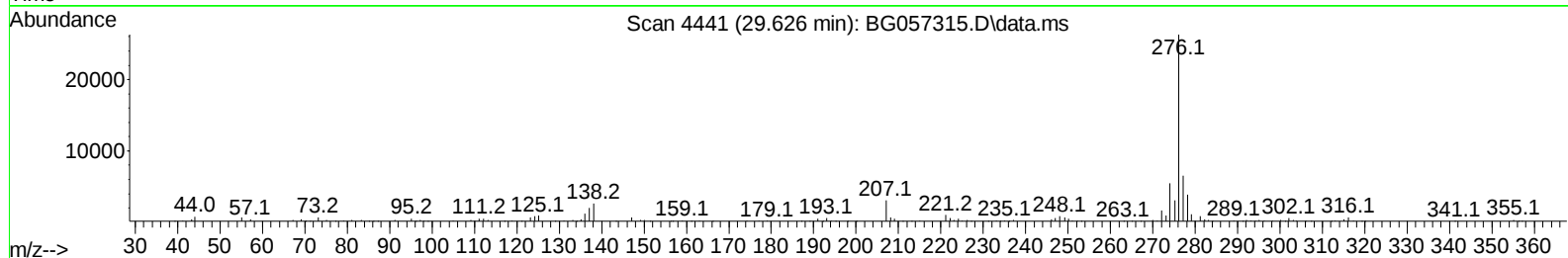
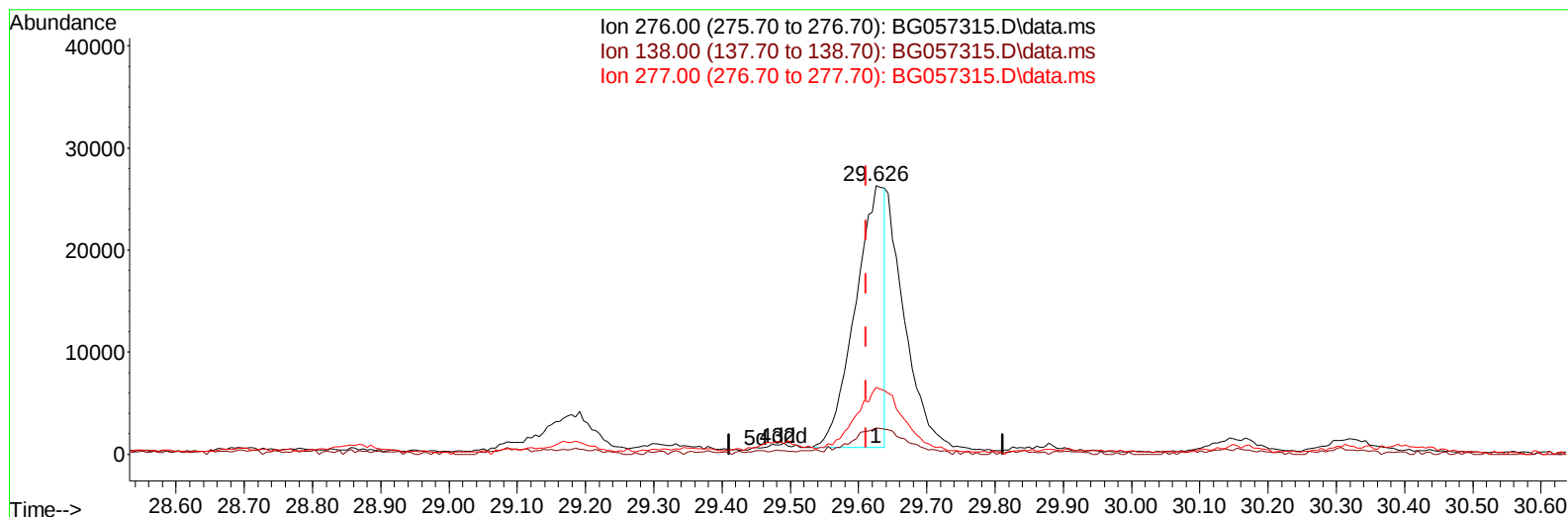
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 00:25:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

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

29.626min (+ 0.015) 7.39 ng/u1

response 76714

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.89
277.00	23.30	24.97
0.00	0.00	0.00

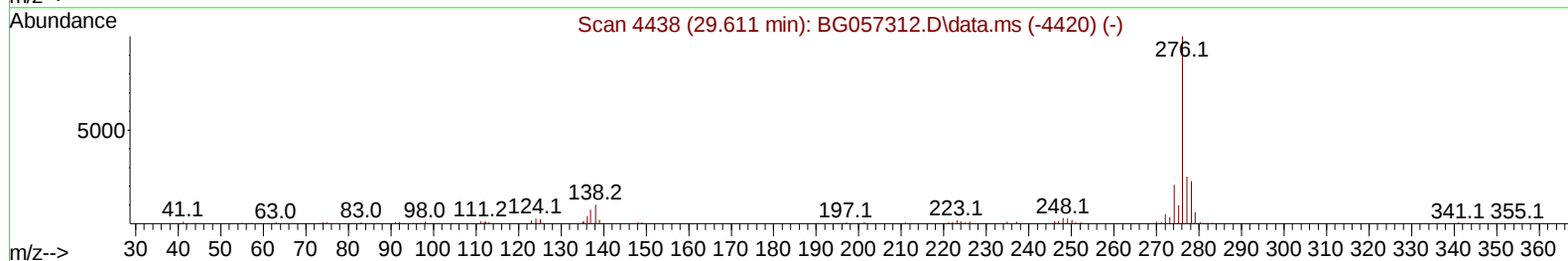
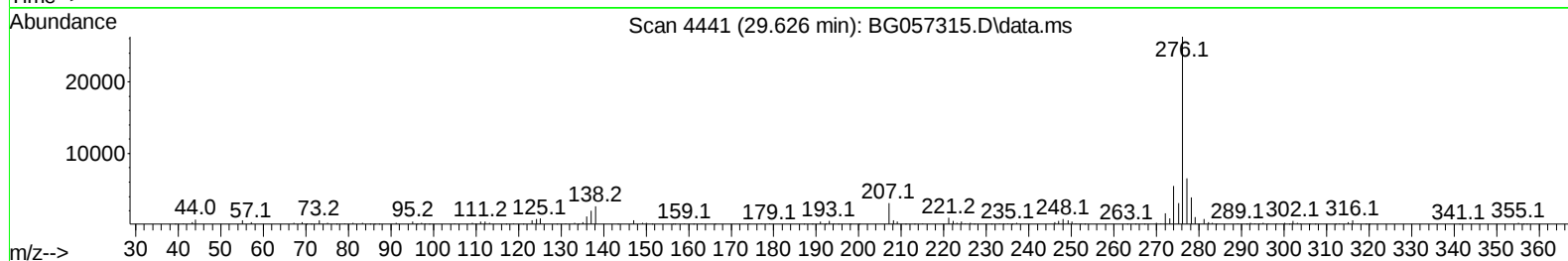
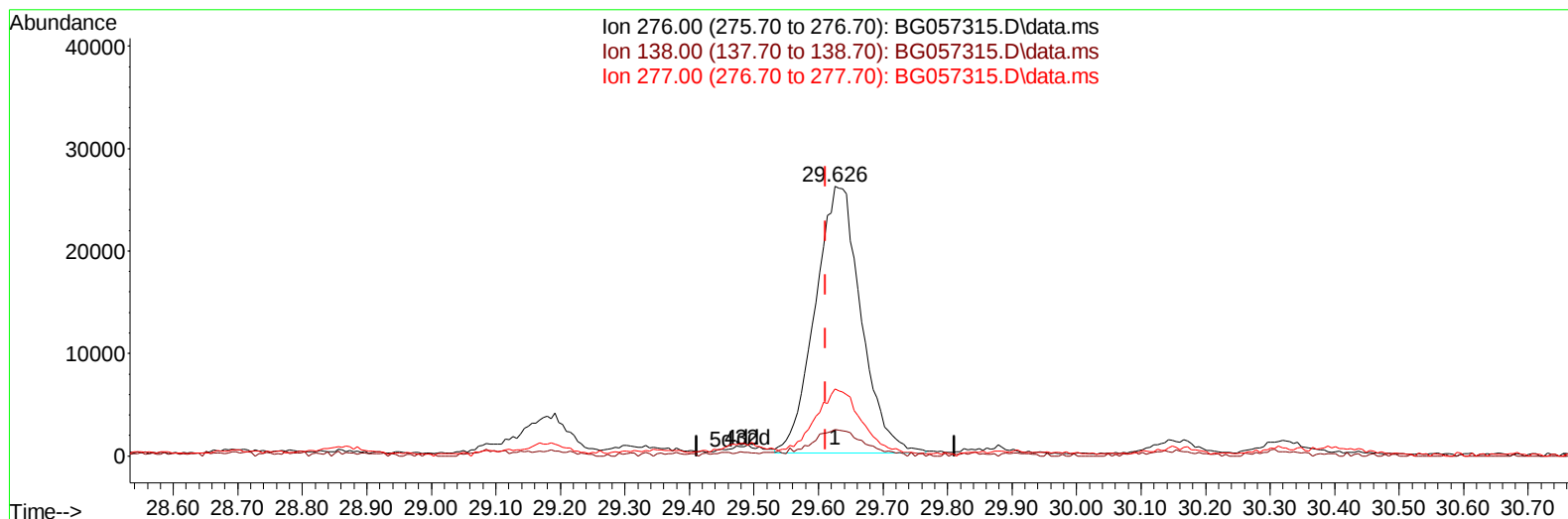
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
 Sample : 02479-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

Quant Time: May 06 00:25:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



TIC: BG057315.D\data.ms

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

29.626min (+ 0.015) 12.35 ng/ul m

response 128167

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.89
277.00	23.30	24.97
0.00	0.00	0.00

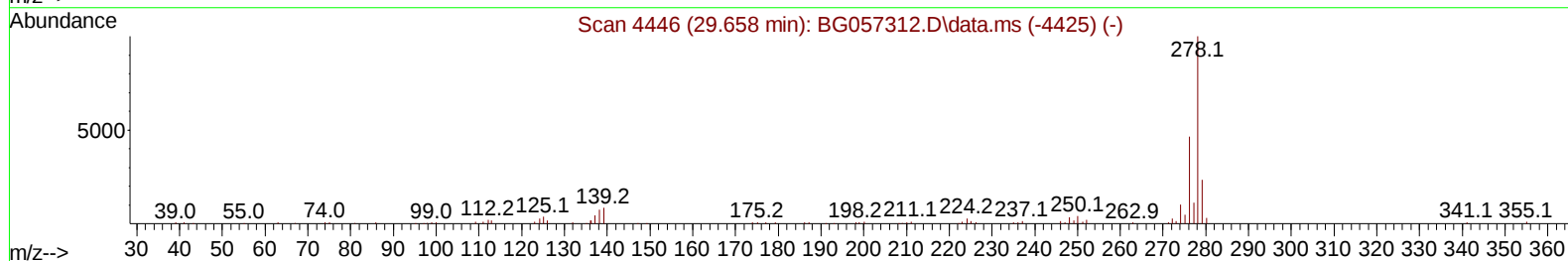
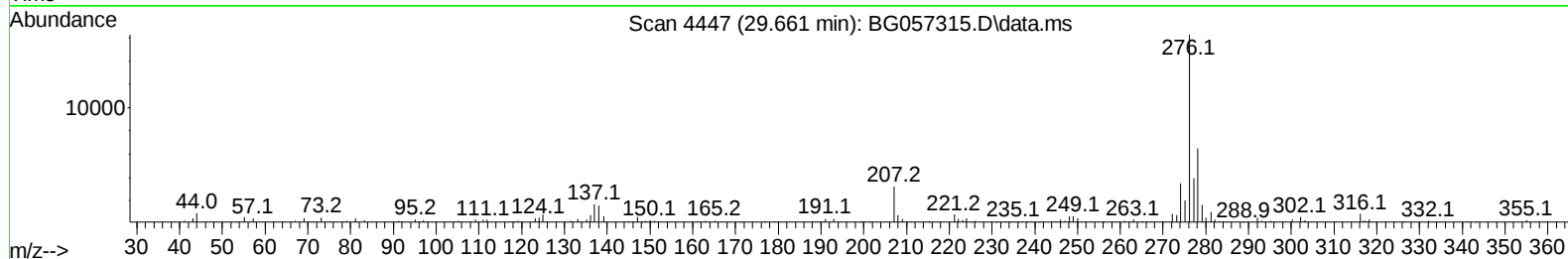
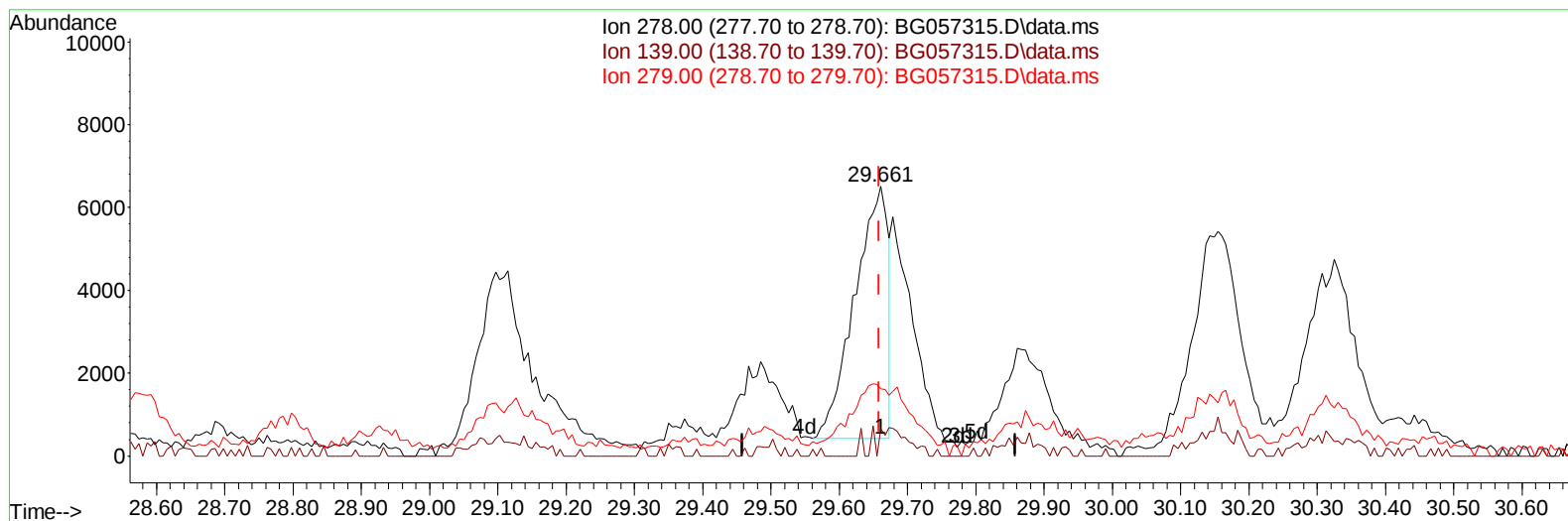
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 00:26:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



TIC: BG057315.D\data.ms

(95) Dibenzo(a,h)anthracene**29.661min (+ 0.003) 2.39 ng/u1****response 20563**

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	10.14#
279.00	22.90	24.99
0.00	0.00	0.00

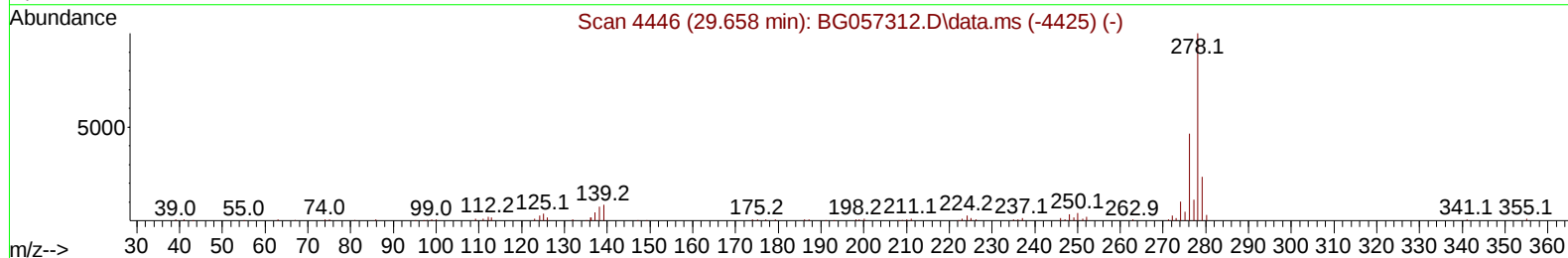
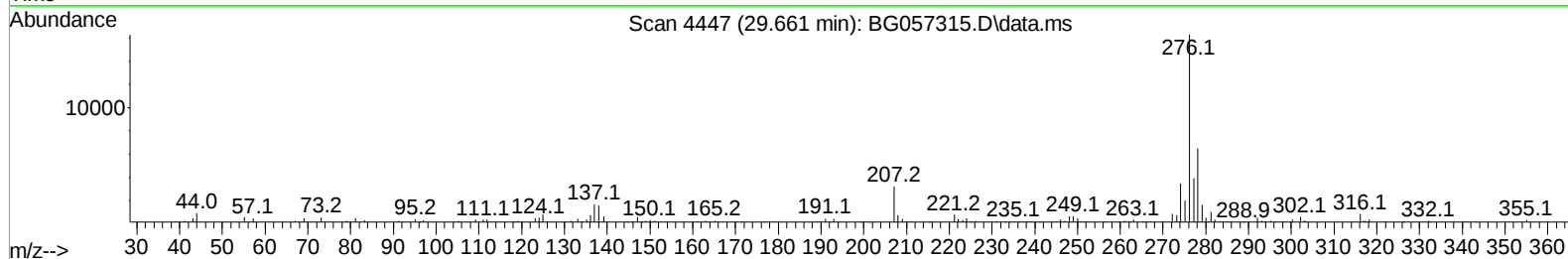
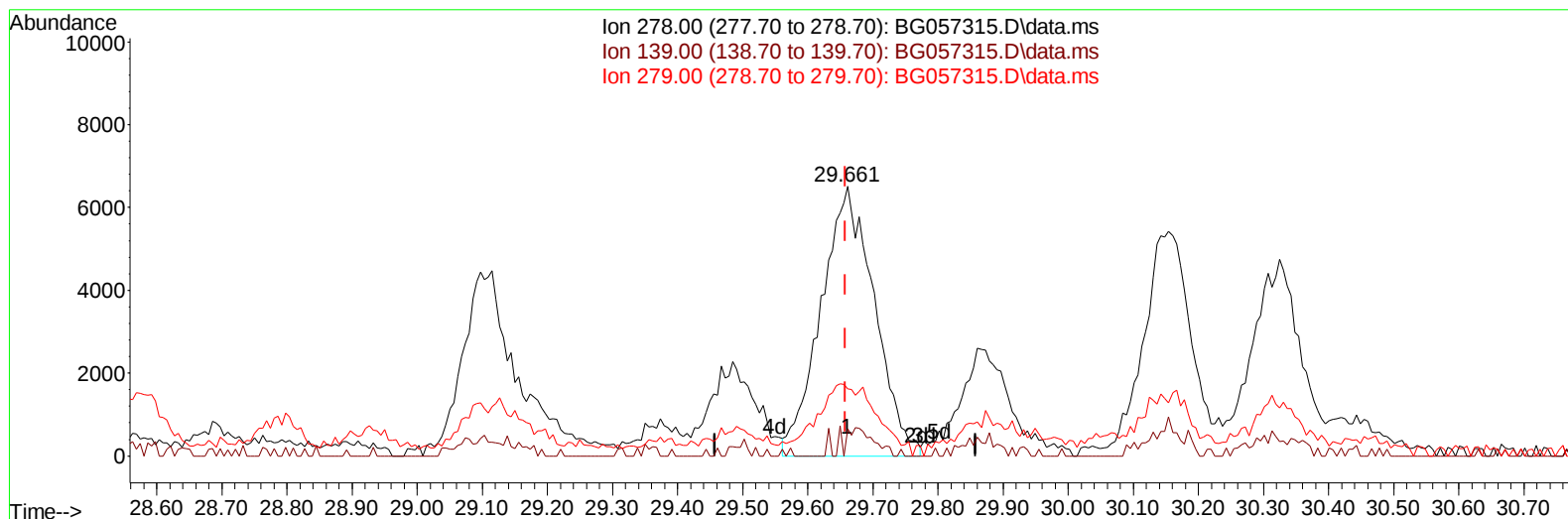
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
 Sample : 02479-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

Quant Time: May 06 00:26:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/08/2023
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TIC: BG057315.D\data.ms

(95) Dibenzo(a,h)anthracene

29.661min (+ 0.003) 4.31 ng/ul m

response 37099

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	10.14#
279.00	22.90	24.99
0.00	0.00	0.00

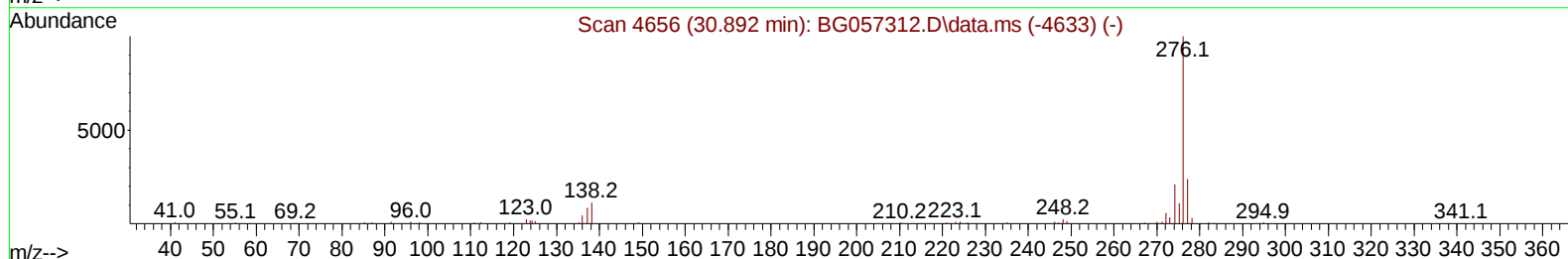
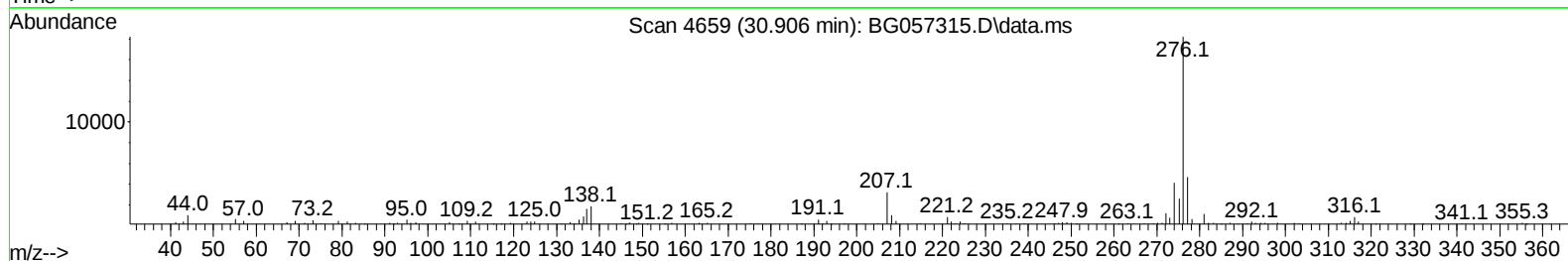
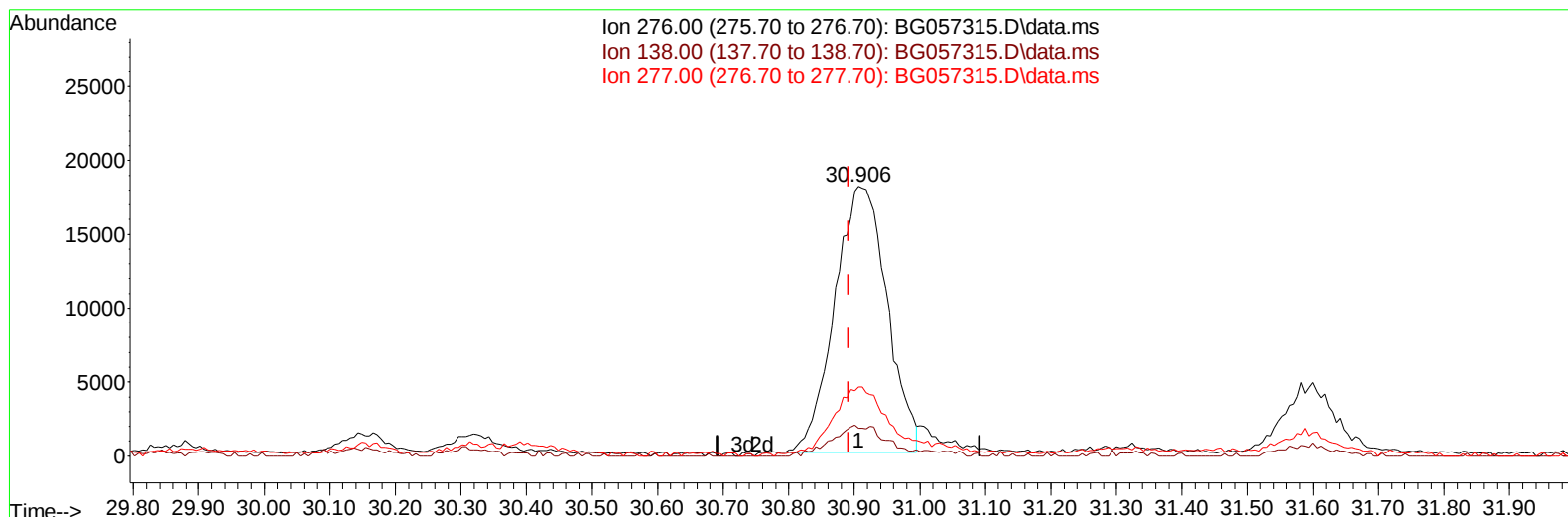
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

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Quant Time: May 06 00:26:03 2023
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TIC: BG057315.D\data.ms

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

30.906min (+ 0.015) 11.92 ng/u1

response 100082

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.25
277.00	23.00	25.61
0.00	0.00	0.00

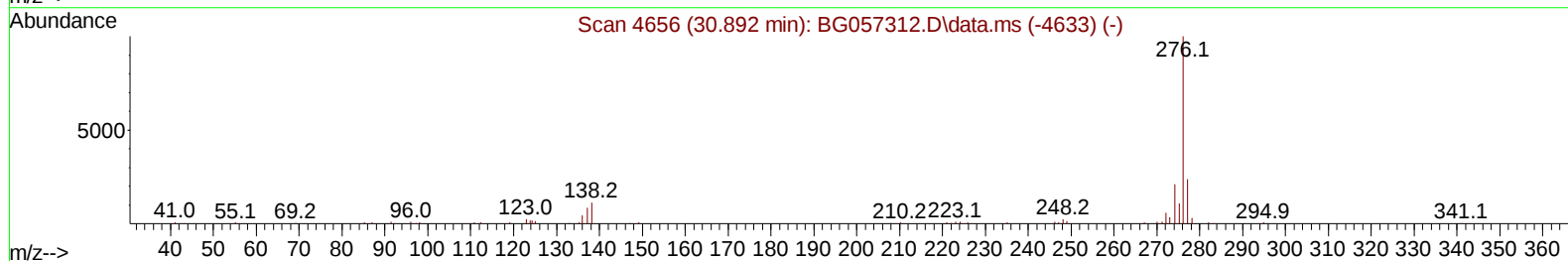
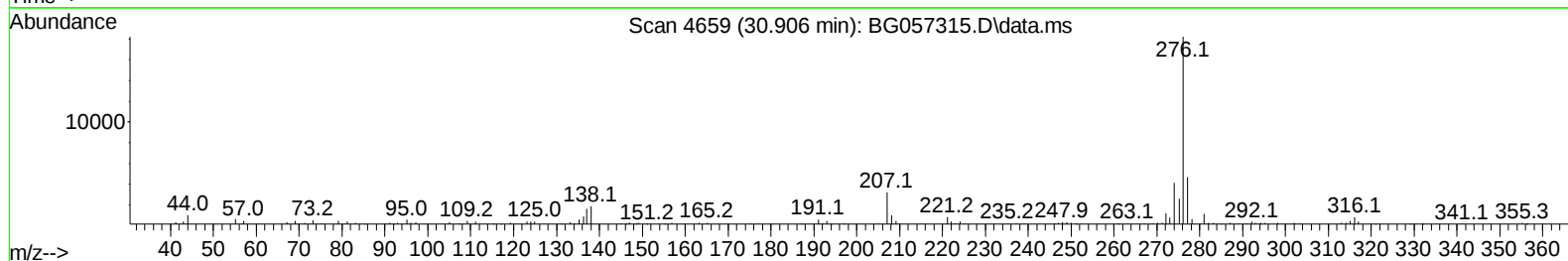
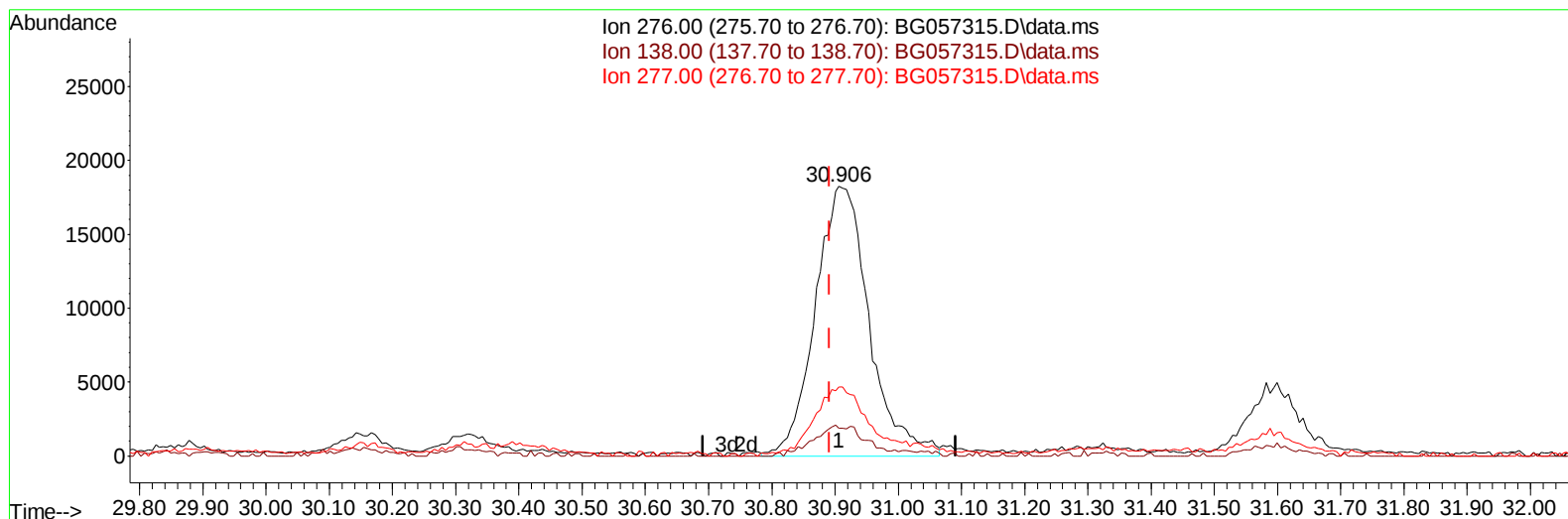
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
 Sample : 02479-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

Quant Time: May 06 00:26:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
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Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



TIC: BG057315.D\data.ms

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

30.906min (+ 0.015) 12.88 ng/ul m

response 108181

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.25
277.00	23.00	25.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057315.D
 Acq On : 5 May 2023 12:14
 Operator : CG/JU
 Sample : 02479-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW942

Manual IntegrationsAPPROVED

Quant Time: May 06 00:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	19172	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	84652	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.987	164	68881	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	157986	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	131382	20.000	ng/ul	0.00
88) Perylene-d12	25.567	264	138877	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.515	99	1537	0.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	771	0.723	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	1139	0.953	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	1440	1.045	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	574m	0.851	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	777	0.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	1465	0.965	ng/ul	0.01
31) 4-Chloroaniline-d4	11.351	131	413	0.205	ng/ul	0.01
46) Dimethylphthalate-d6	14.370	166	6025	1.104	ng/ul	0.00
49) Acenaphthylene-d8	14.681	160	6896	1.124	ng/ul	0.00
54) 4-Nitrophenol-d4	15.204	143	115	0.145	ng/ul	0.03
60) Fluorene-d10	15.968	176	5815	1.144	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.824	188	9392	1.302	ng/ul	0.00
81) Pyrene-d10	20.092	212	10049	1.289	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.326	264	9185m	1.298	ng/ul	0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	15.051	153	15011	3.380	ng/ul	99
56) Dibenzofuran	15.380	168	12394	1.932	ng/ul	96
61) Fluorene	16.027	166	20044	3.696	ng/ul	92
72) Phenanthrene	17.771	178	309734	37.648	ng/ul	98
74) Anthracene	17.859	178	77032	9.321	ng/ul	99
77) Carbazole	18.124	167	30864	4.469	ng/ul	97
80) Fluoranthene	19.763	202	554616	59.870	ng/ul	97
82) Pyrene	20.127	202	443216	47.262	ng/ul	98
85) Benzo(a)anthracene	22.024	228	247684	26.656	ng/ul	98
87) Chrysene	22.095	228	222873	25.423	ng/ul	96
90) Benzo(b)fluoranthene	24.445	252	277350	28.839	ng/ul	97
91) Benzo(k)fluoranthene	24.503	252	104906m	11.212	ng/ul	
93) Benzo(a)pyrene	25.402	252	197128	23.743	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.626	276	128167m	12.349	ng/ul	
95) Dibenzo(a,h)anthracene	29.661	278	37099m	4.311	ng/ul	
96) Benzo(g,h,i)perylene	30.906	276	108181m	12.879	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Manual IntegrationsAPPROVED

Quant Time: May 06 00:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

