

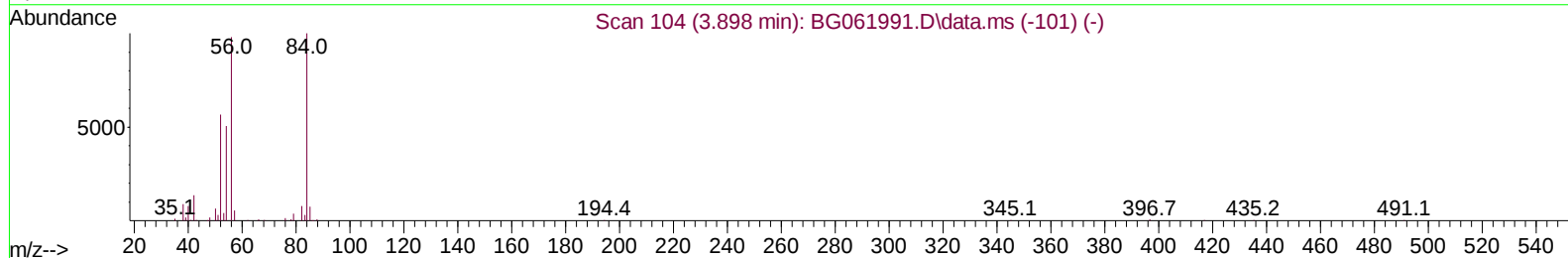
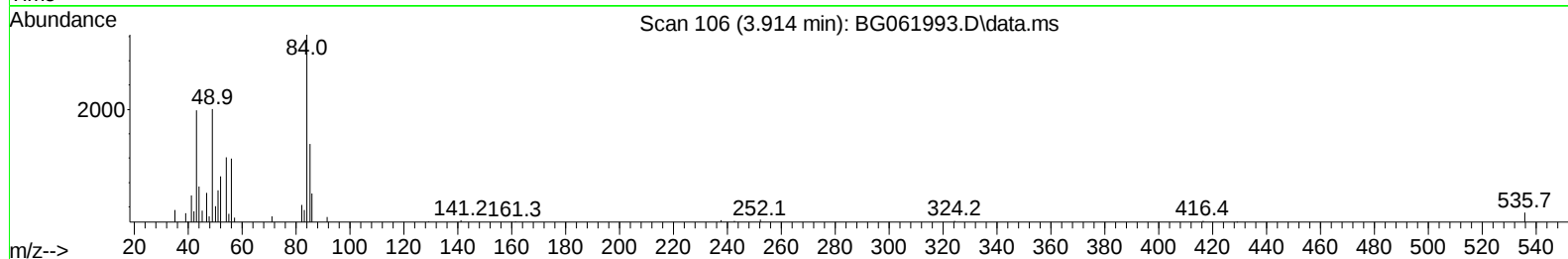
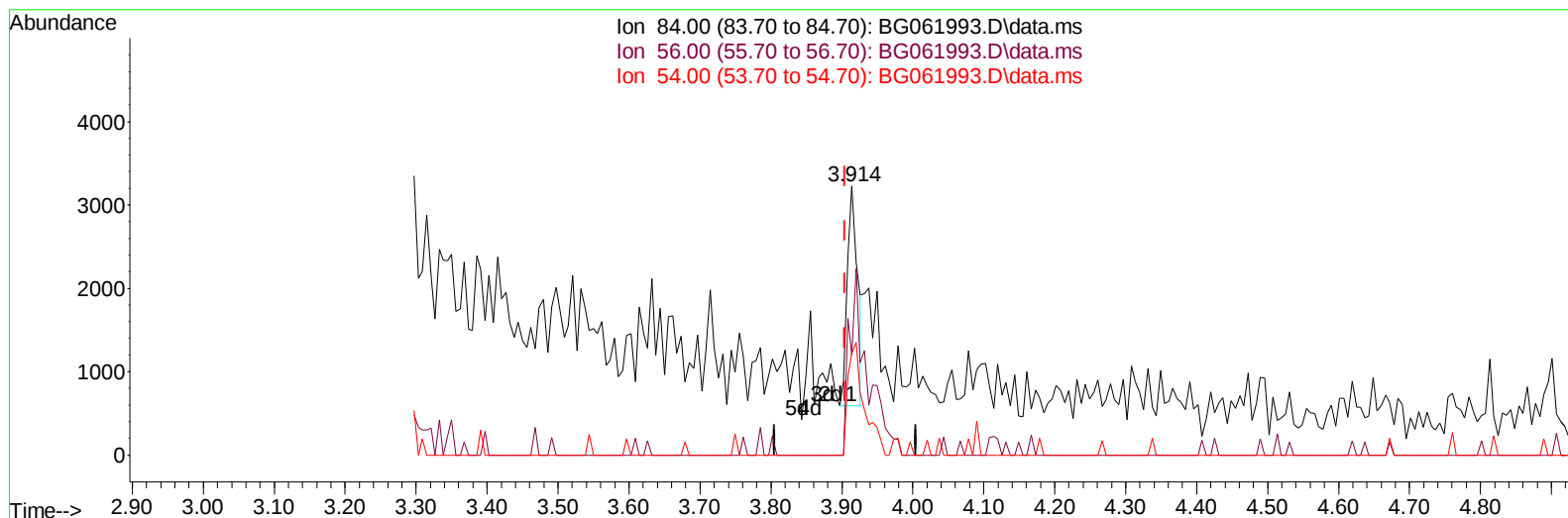
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG061993.D\data.ms

(4) Pyridine-d5 (S)

3.914min (+ 0.009) 0.74 ng/u1

response 2742

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	37.04#
54.00	45.40	37.79
0.00	0.00	0.00

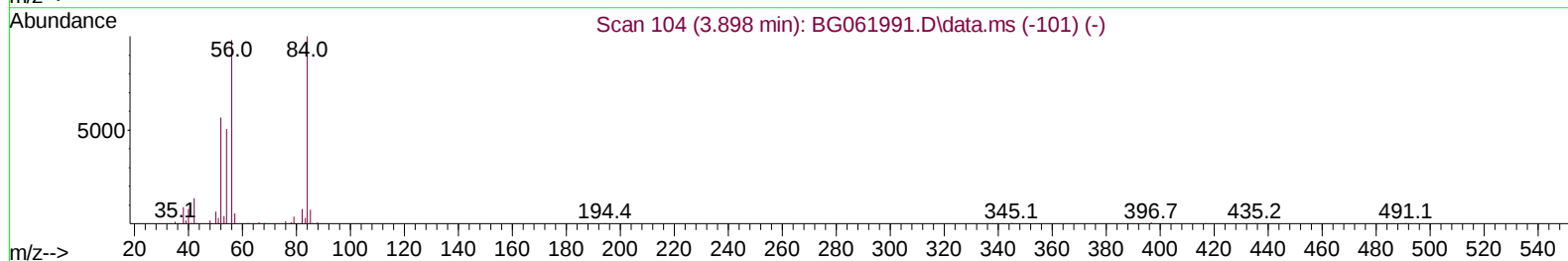
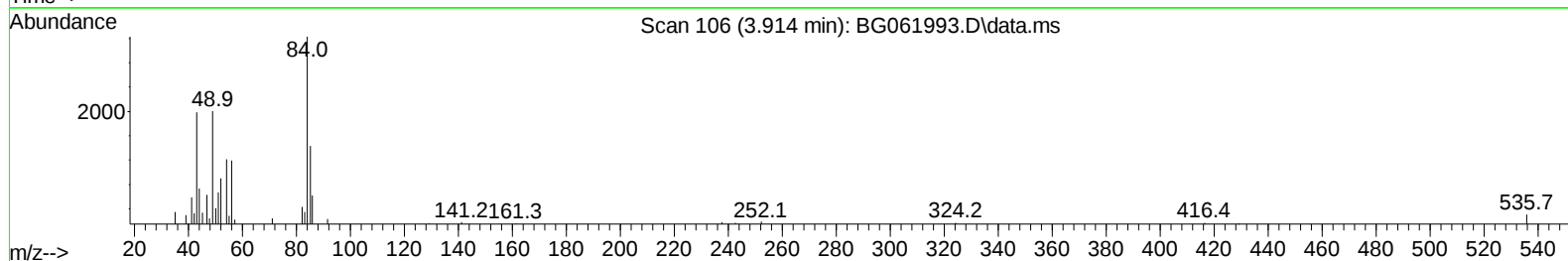
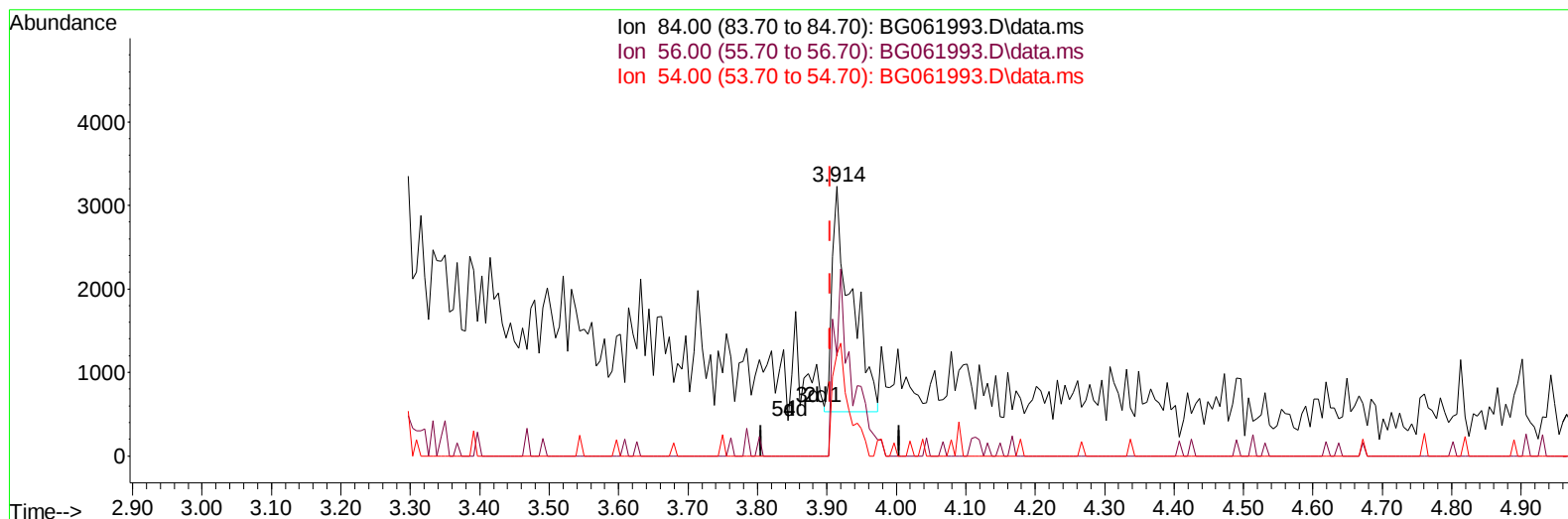
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG061993.D\data.ms

(4) Pyridine-d5 (S)

3.914min (+ 0.009) 1.40 ng/ul m

response 5208

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	37.04#
54.00	45.40	37.79
0.00	0.00	0.00

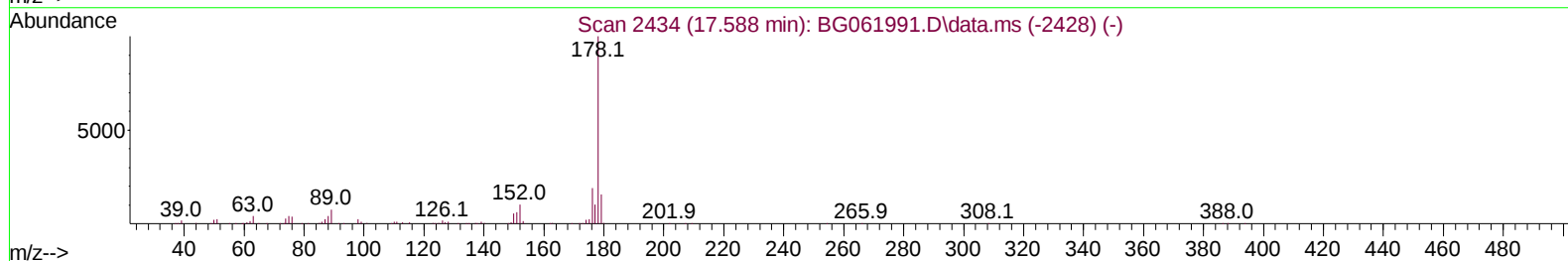
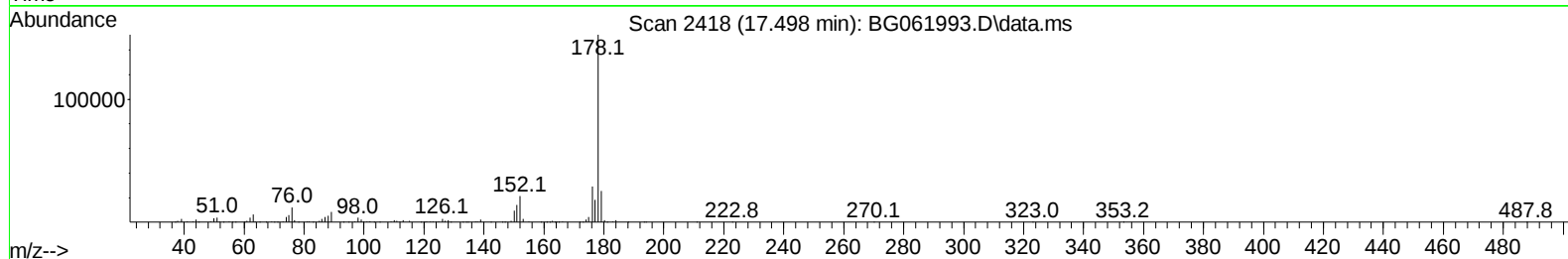
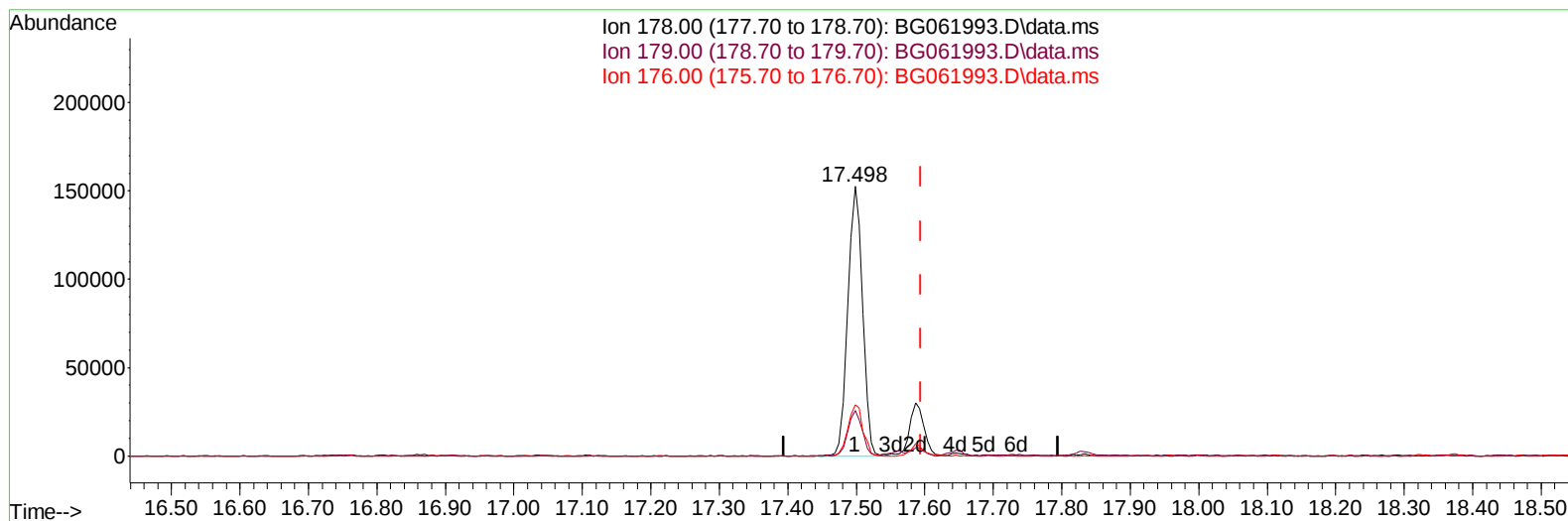
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
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Reviewed By :Yogesh Patel 07/11/2024
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TIC: BG061993.D\data.ms

(74) Anthracene

17.498min (-0.096) 10.94 ng/u1

response 227946

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	16.85
176.00	18.40	19.01
0.00	0.00	0.00

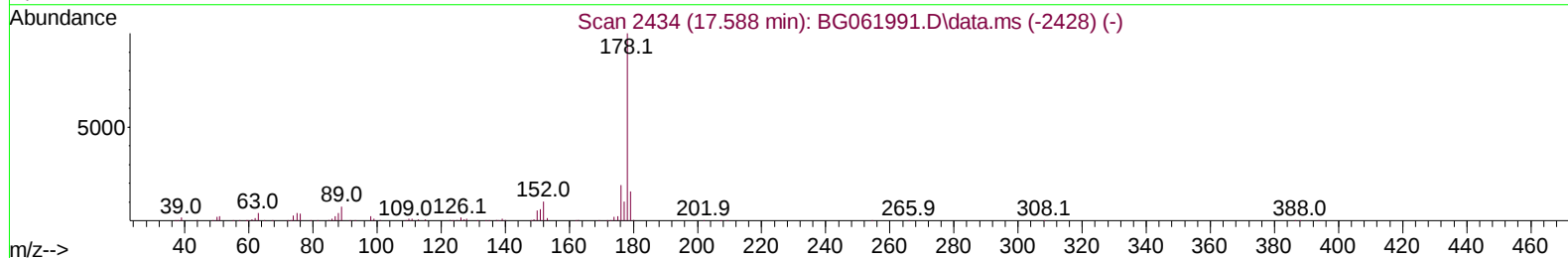
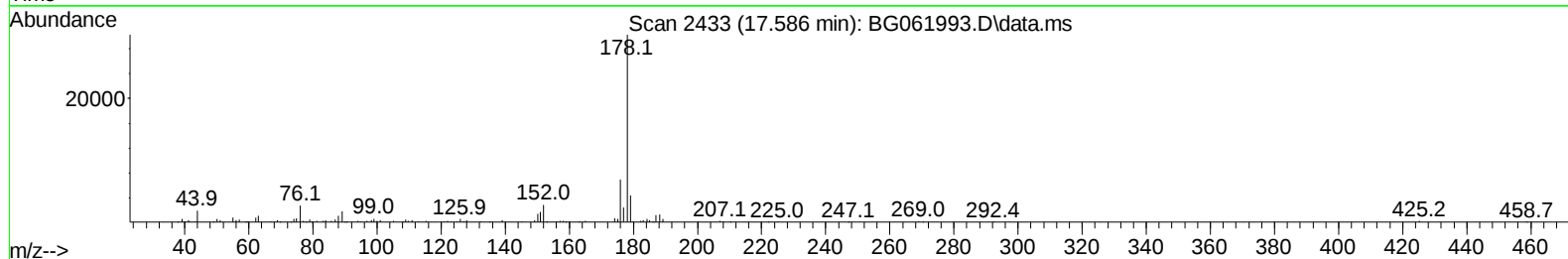
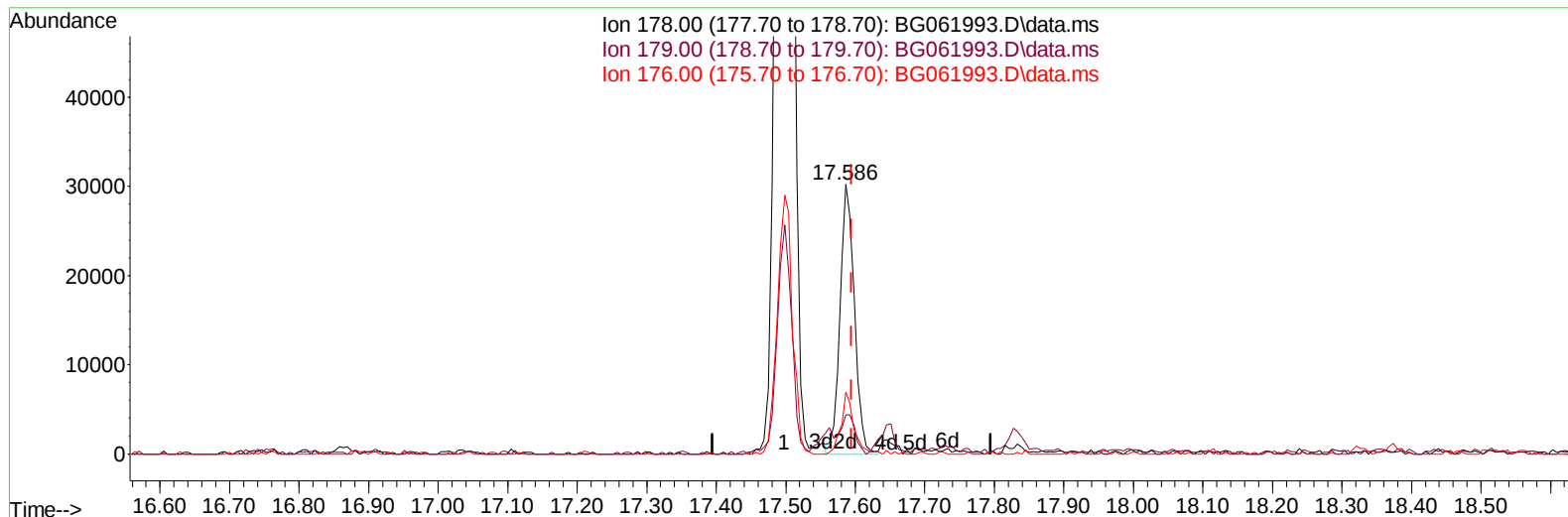
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
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TIC: BG061993.D\data.ms

(74) Anthracene

17.586min (-0.008) 2.09 ng/u1 m

response 43645

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	14.55
176.00	18.40	22.95#
0.00	0.00	0.00

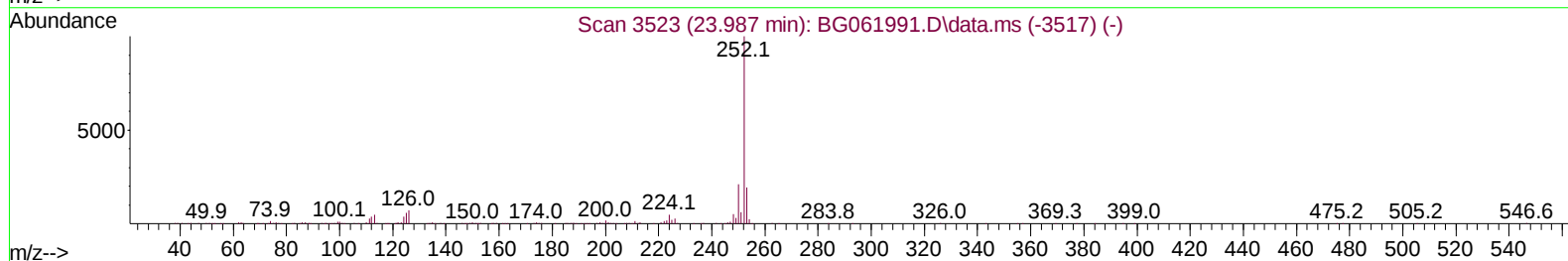
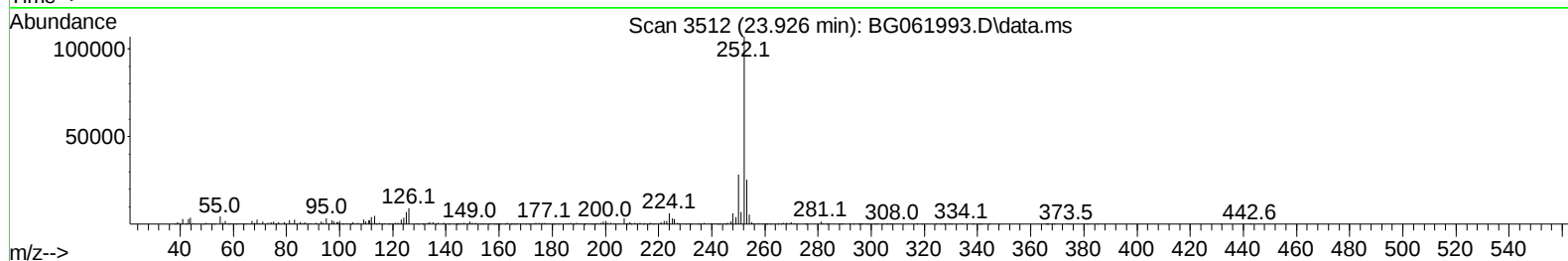
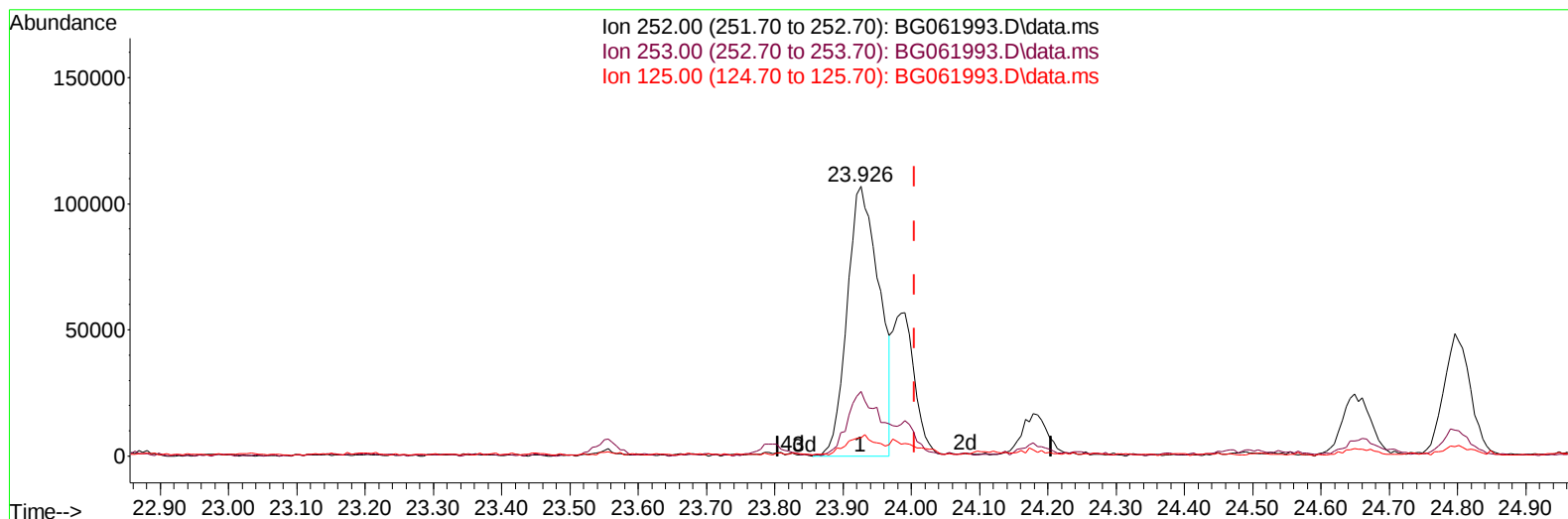
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
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Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061993.D\data.ms

(91) Benzo(k)fluoranthene

23.926min (-0.079) 13.50 ng/u1

response 348784

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.99
125.00	7.90	6.76
0.00	0.00	0.00

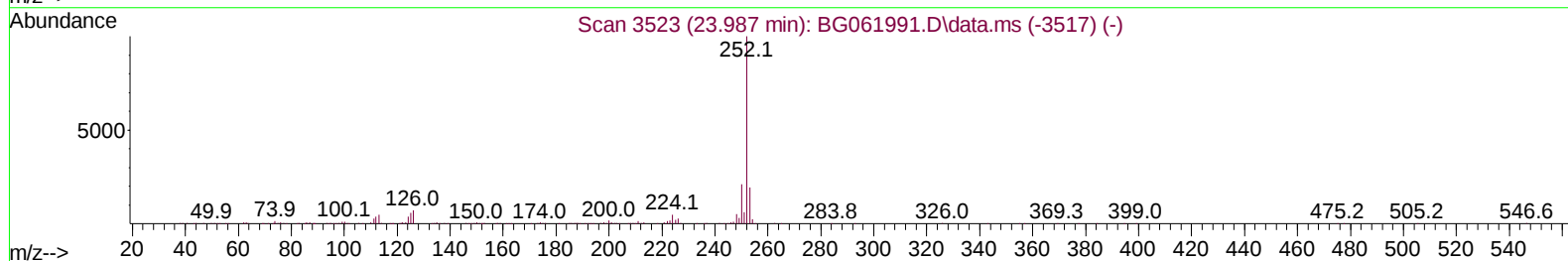
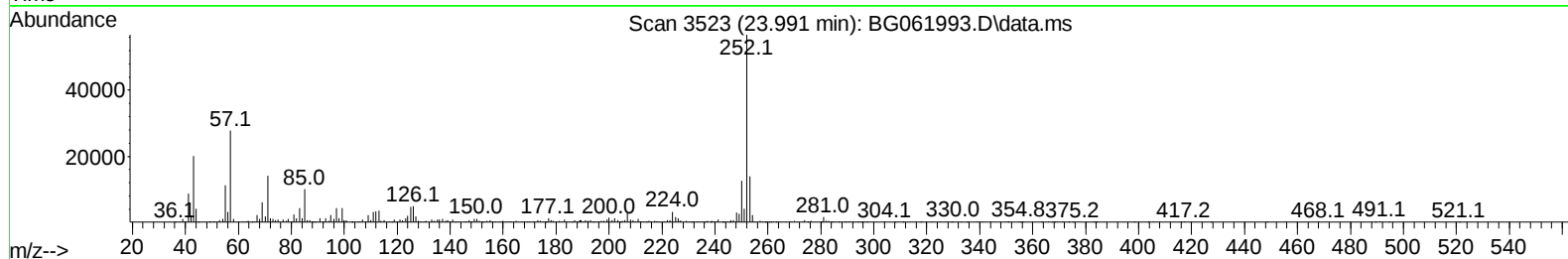
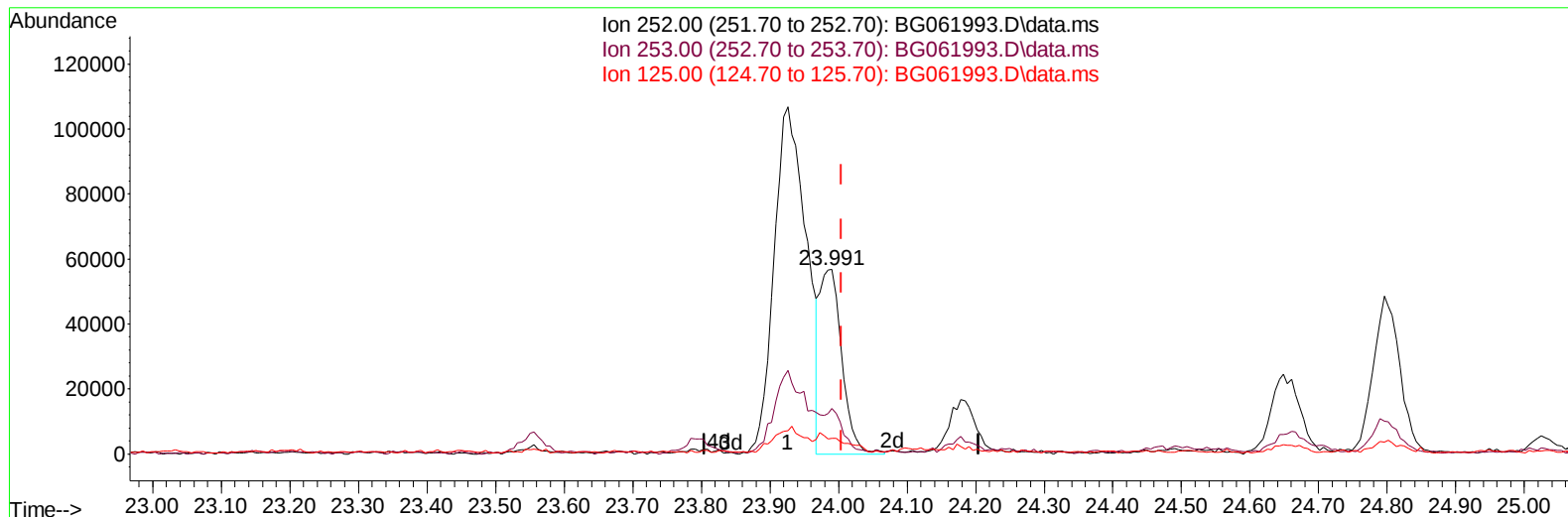
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG061993.D\data.ms

(91) Benzo(k)fluoranthene

23.991min (-0.014) 4.90 ng/u1 m

response 126674

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	24.62
125.00	7.90	8.52
0.00	0.00	0.00

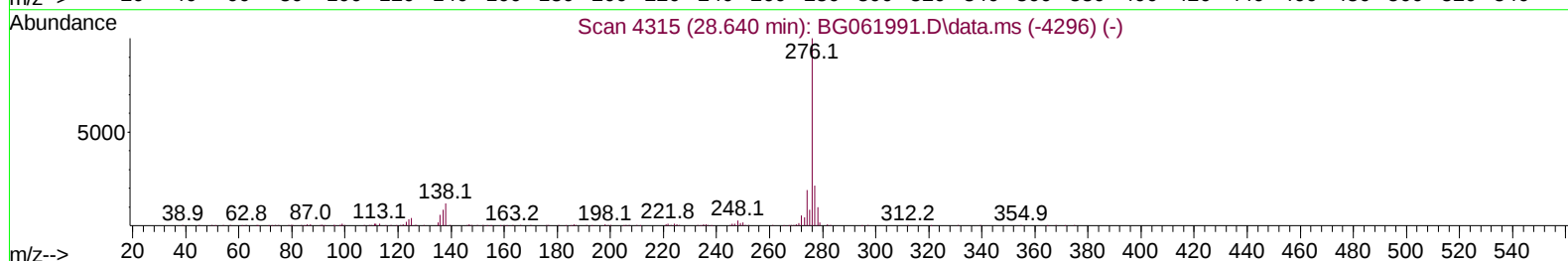
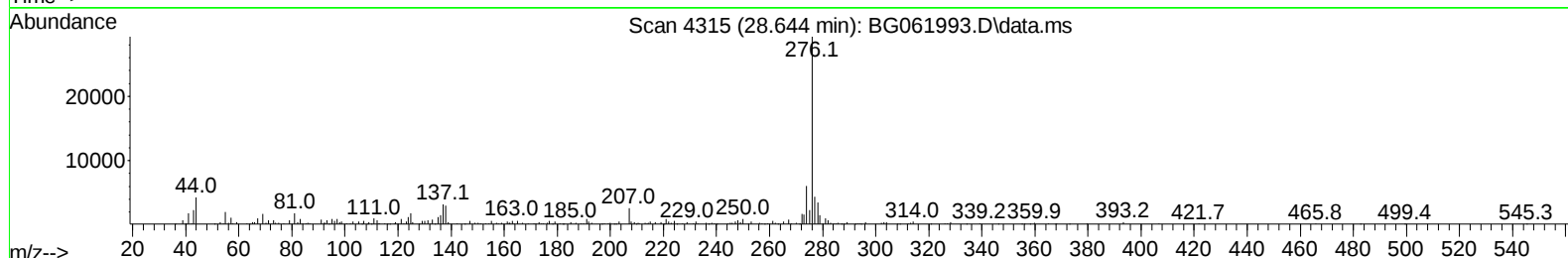
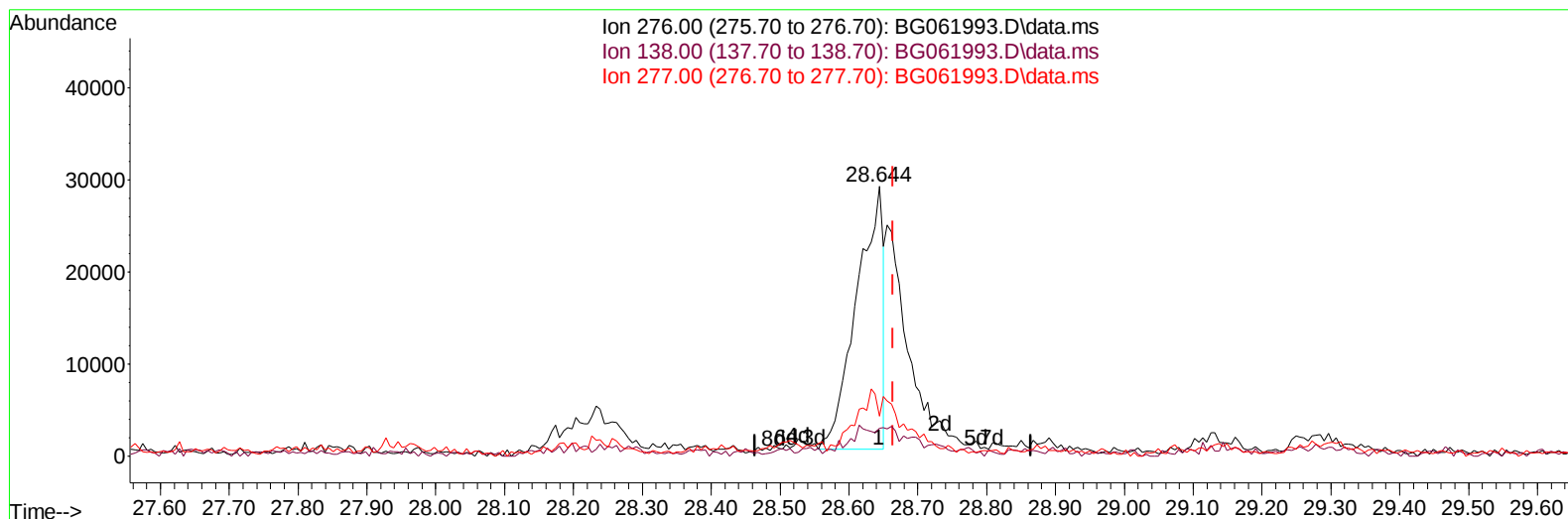
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Reviewed By :Yogesh Patel 07/11/2024
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TIC: BG061993.D\data.ms

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

28.644min (-0.020) 2.43 ng/u1

response 76330

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.34#
277.00	24.10	14.87#
0.00	0.00	0.00

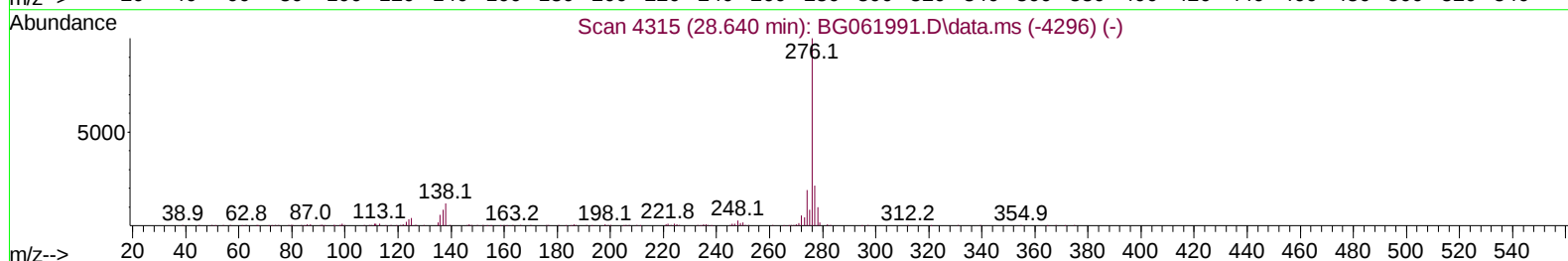
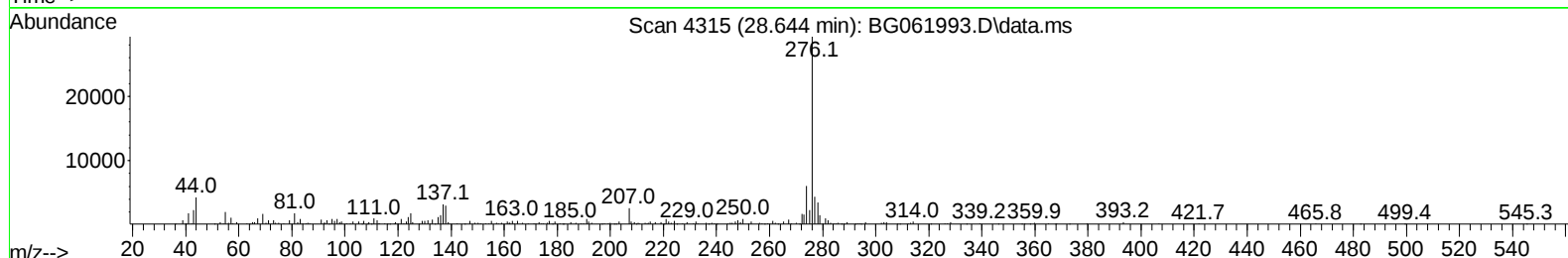
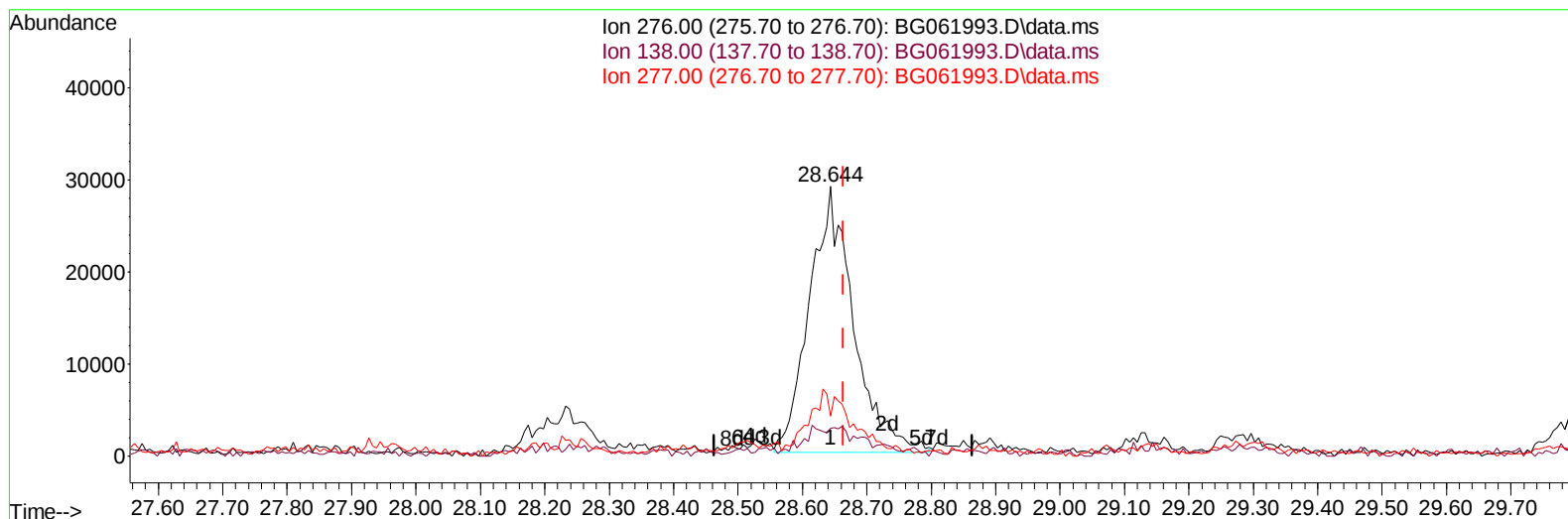
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG061993.D\data.ms

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

28.644min (-0.020) 4.38 ng/ul m

response 137353

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.34#
277.00	24.10	14.87#
0.00	0.00	0.00

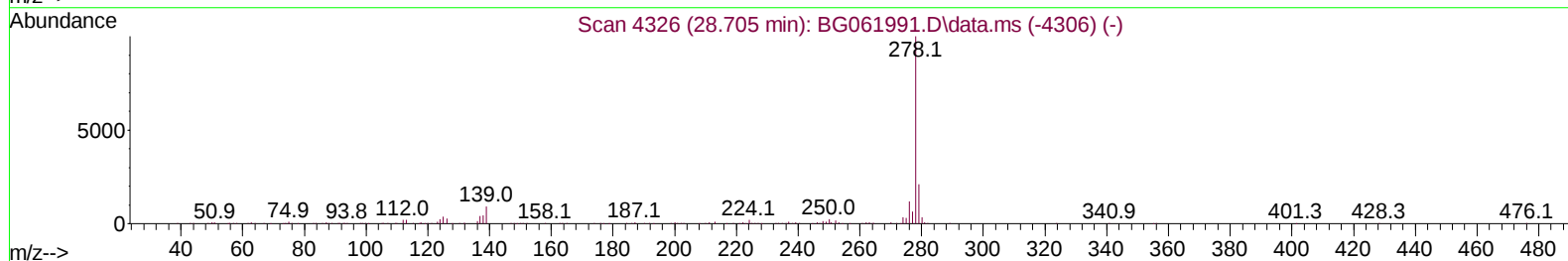
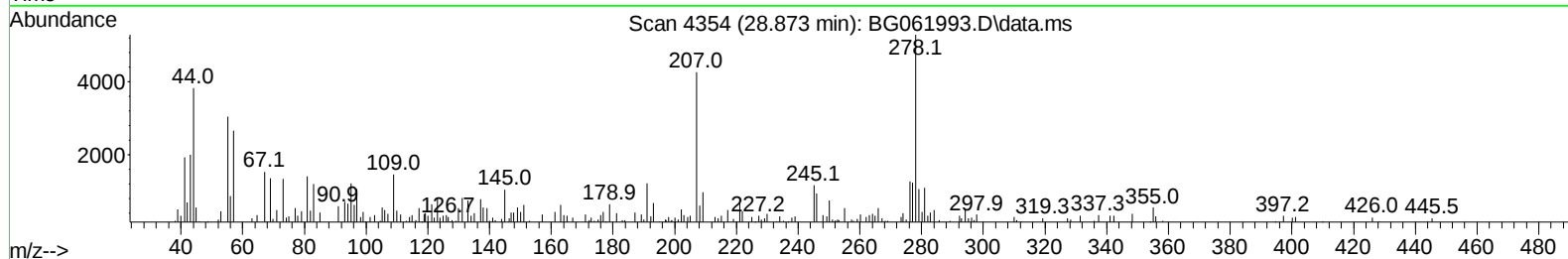
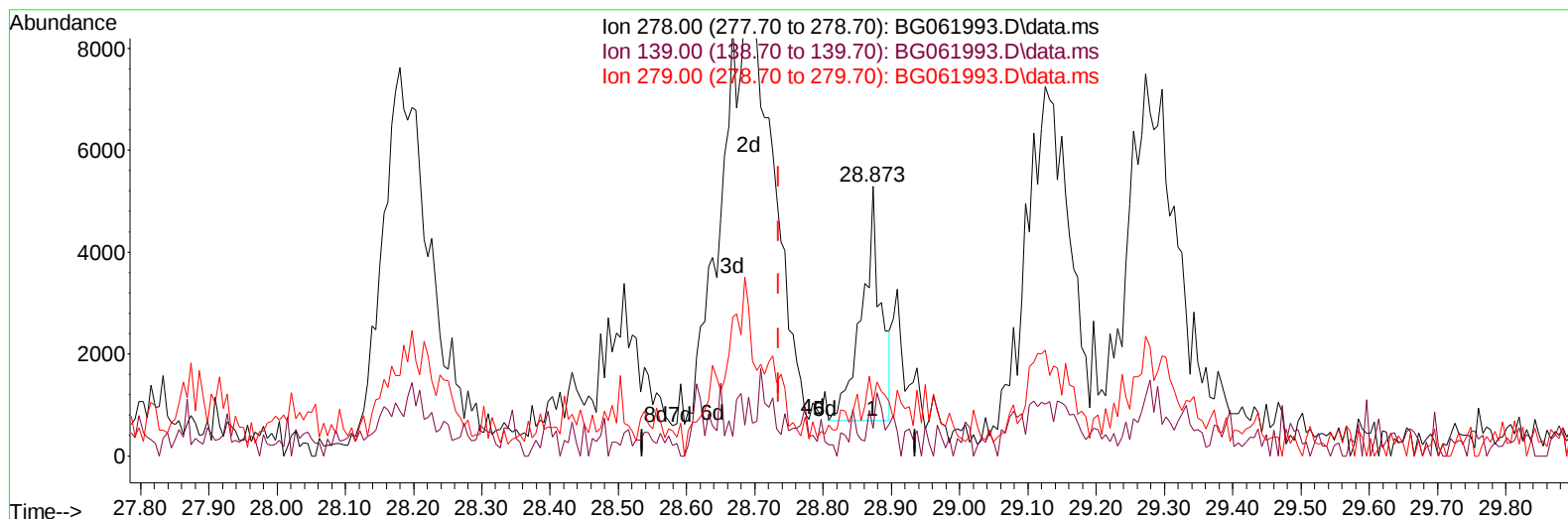
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061993.D
Acq On : 10 Jul 2024 11:08
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:13:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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TIC: BG061993.D\data.ms

(95) Dibenzo(a,h)anthracene

28.873min (+ 0.139) 0.34 ng/u1

response 8766

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.19
279.00	23.50	19.93
0.00	0.00	0.00

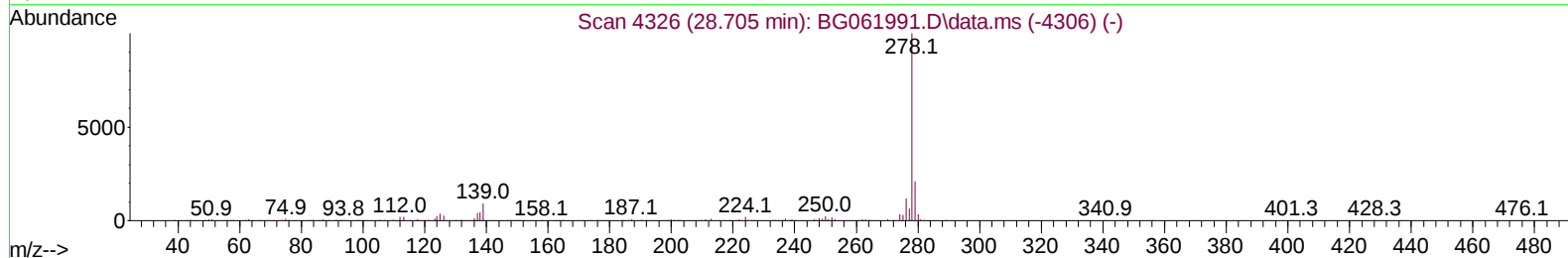
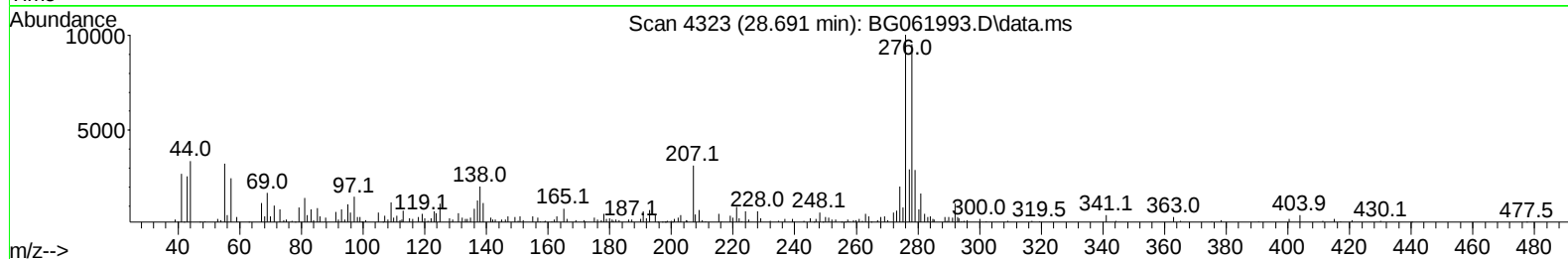
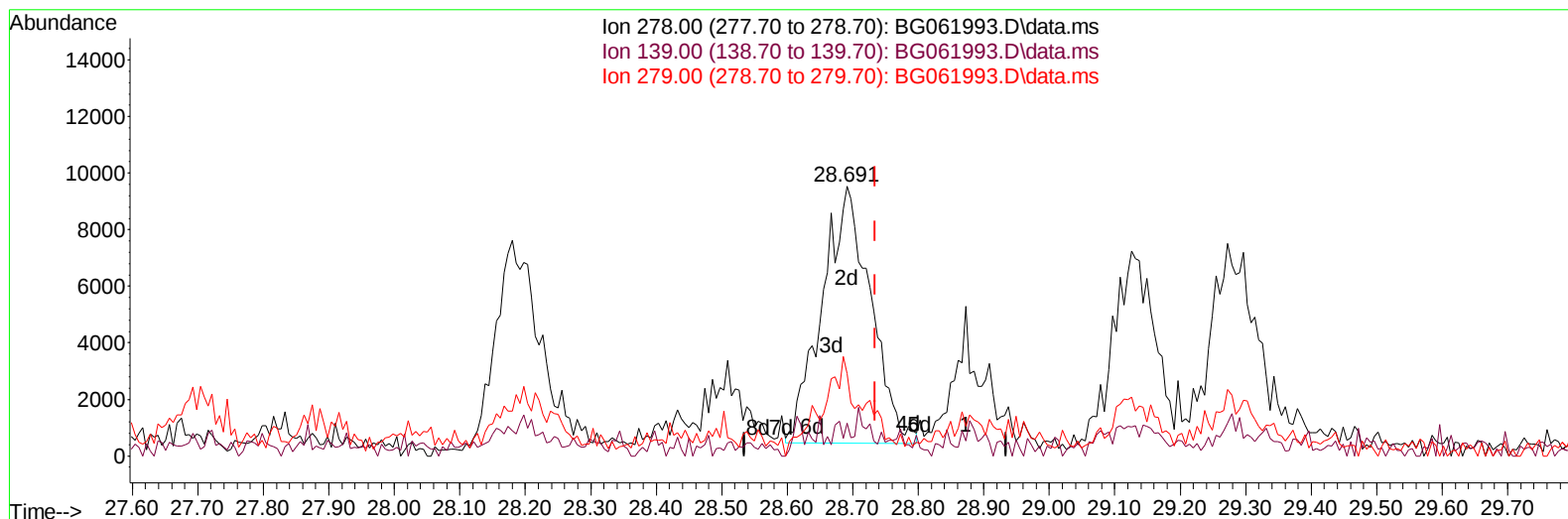
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG061993.D
 Acq On : 10 Jul 2024 11:08
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:13:02 2024
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 Supervised By :mohammad ahmed 07/11/2024



TIC: BG061993.D\data.ms

(95) Dibenzo(a,h)anthracene

28.691min (-0.044) 1.80 ng/ul m

response 46550

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	12.17#
279.00	23.50	30.50#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 10 12:13:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	45529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.906	136	241111	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.713	164	168239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	382518	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.717	240	334750	20.000	ng/ul	0.00
88) Perylene-d12	24.954	264	411349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.479	96	4177	3.448	ng/uL	0.00
4) Pyridine-d5	3.914	84	5208m	1.398	ng/ul	0.00
7) Phenol-d5	7.246	99	136263	27.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	77411	24.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	92302	27.007	ng/ul	-0.01
15) 4-Methylphenol-d8	8.791	113	103881	26.480	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	49833	27.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.978	143	59884	28.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.518	165	118548	29.350	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.041	131	38192	6.513	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	381180	27.559	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	421935	29.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	54117	24.500	ng/ul	0.00
60) Fluorene-d10	15.706	176	331162	28.441	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.818	200	58888	29.313	ng/ul	0.00
73) Anthracene-d10	17.557	188	484960	27.155	ng/ul	0.00
81) Pyrene-d10	19.837	212	483231	24.542	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.731	264	391201	19.176	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.498	178	227946	11.302	ng/ul	97
74) Anthracene	17.586	178	43645m	2.094	ng/ul	
77) Carbazole	17.857	167	22376	1.276	ng/ul#	87
80) Fluoranthene	19.502	202	459845	19.734	ng/ul#	94
82) Pyrene	19.860	202	332937	13.832	ng/ul	96
85) Benzo(a)anthracene	21.693	228	220648	9.104	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.593	149	118657	8.186	ng/ul#	98
87) Chrysene	21.758	228	243140	10.716	ng/ul	94
90) Benzo(b)fluoranthene	23.926	252	348784	13.458	ng/ul	95
91) Benzo(k)fluoranthene	23.991	252	126674m	4.902	ng/ul	
93) Benzo(a)pyrene	24.796	252	128737	5.246	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.644	276	137353m	4.380	ng/ul	
95) Dibenzo(a,h)anthracene	28.691	278	46550m	1.797	ng/ul	

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

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Misc :
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Manual IntegrationsAPPROVED

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