

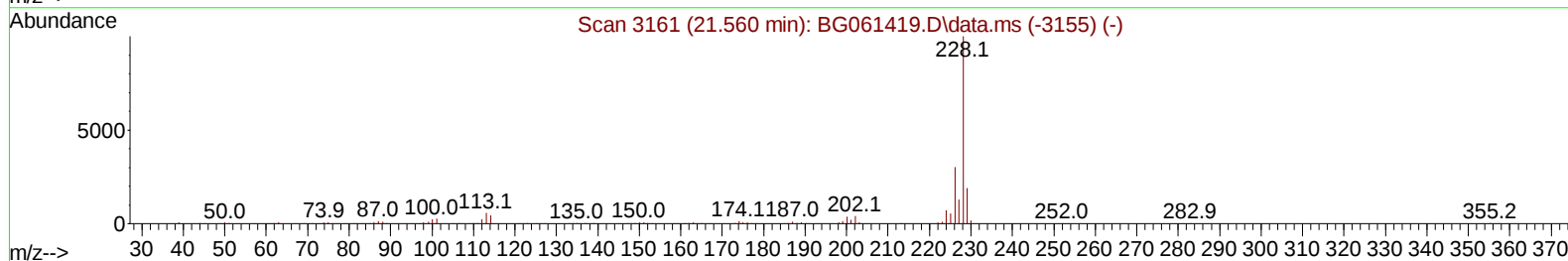
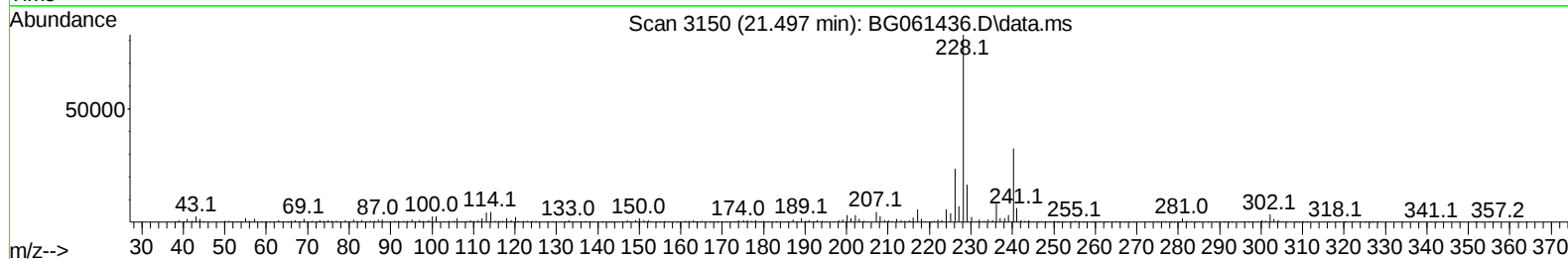
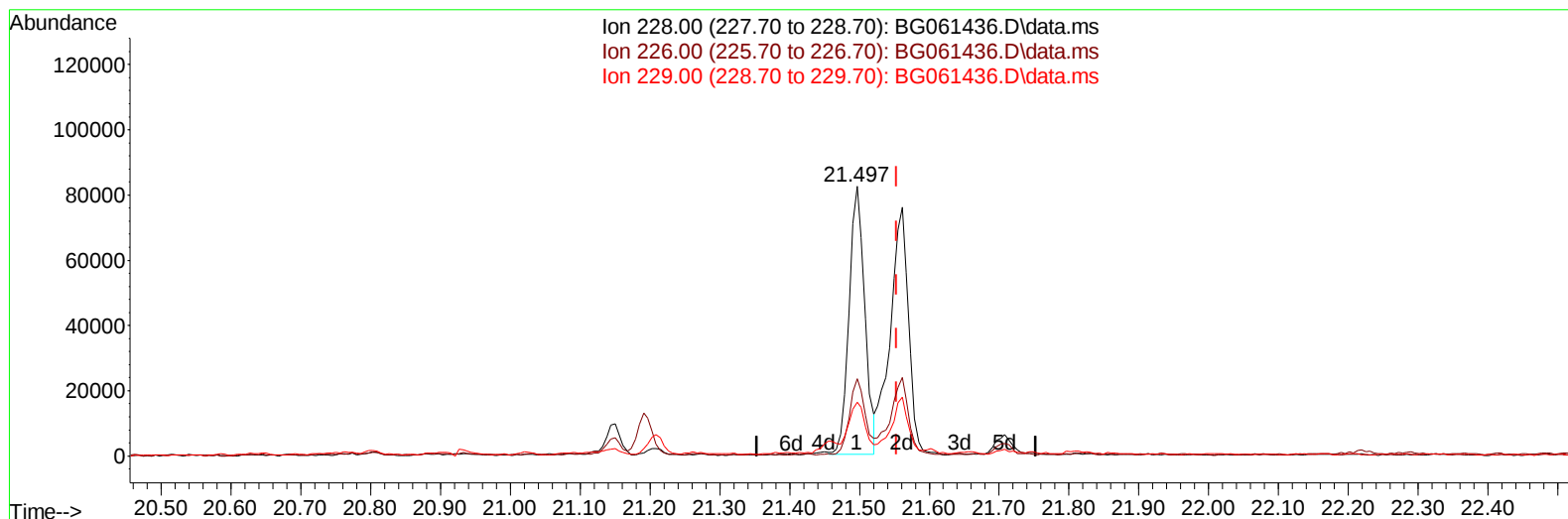
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061436.D
 Acq On : 4 Jun 2024 00:21
 Operator : MA/JU
 Sample : P2589-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:01:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

(87) Chrysene

21.497min (-0.057) 8.50 ng/u1

response 127651

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	28.63
229.00	19.30	20.05
0.00	0.00	0.00

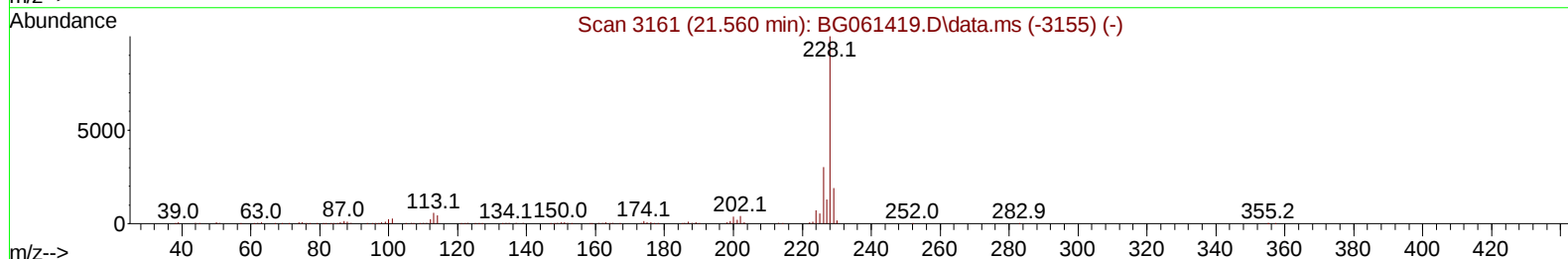
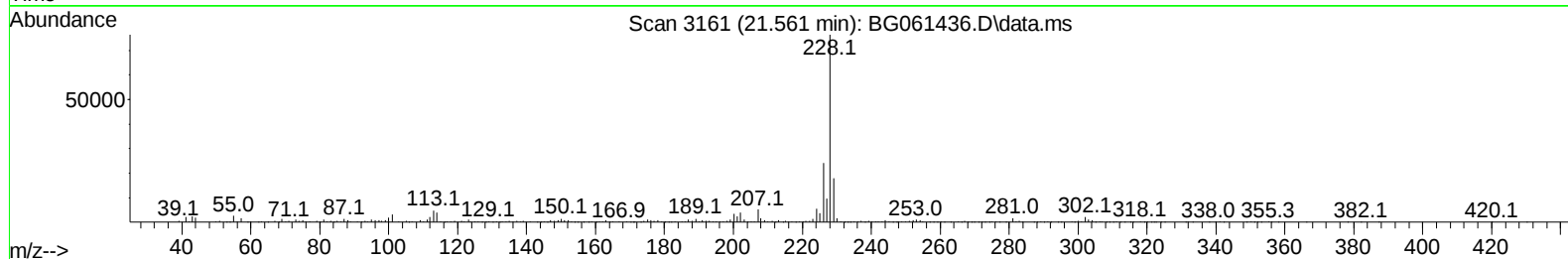
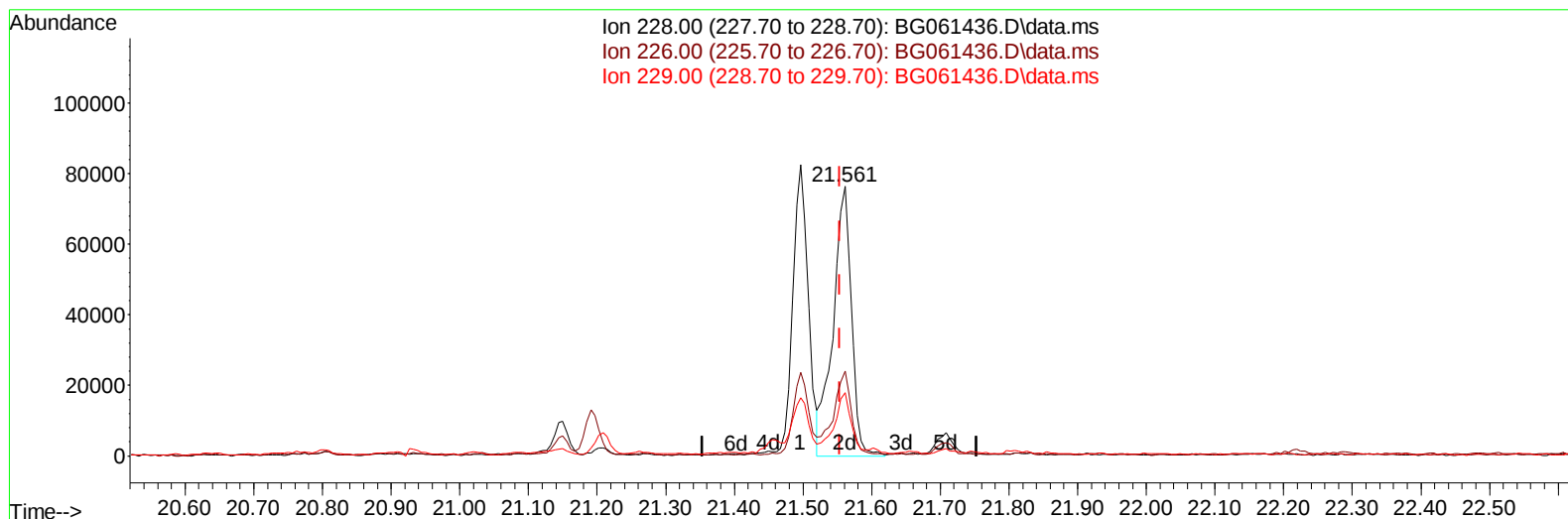
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:01:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

(87) Chrysene

21.561min (+ 0.008) 9.43 ng/ul m

response 141708

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.55
229.00	19.30	23.54#
0.00	0.00	0.00

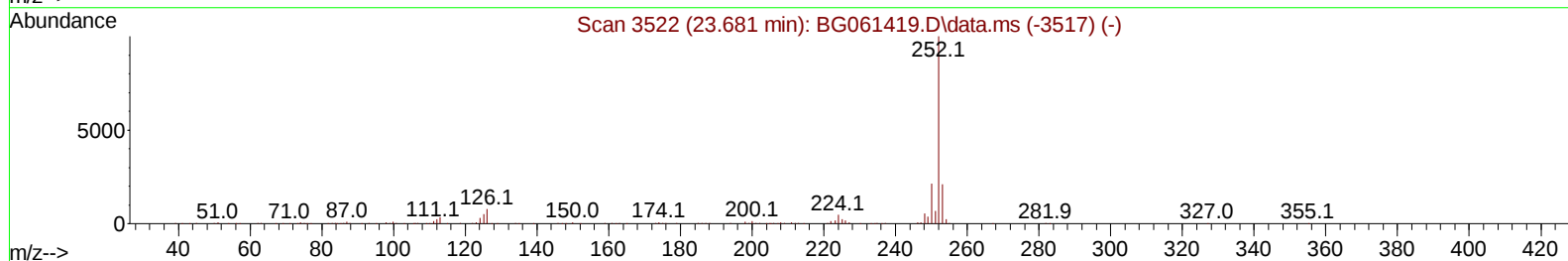
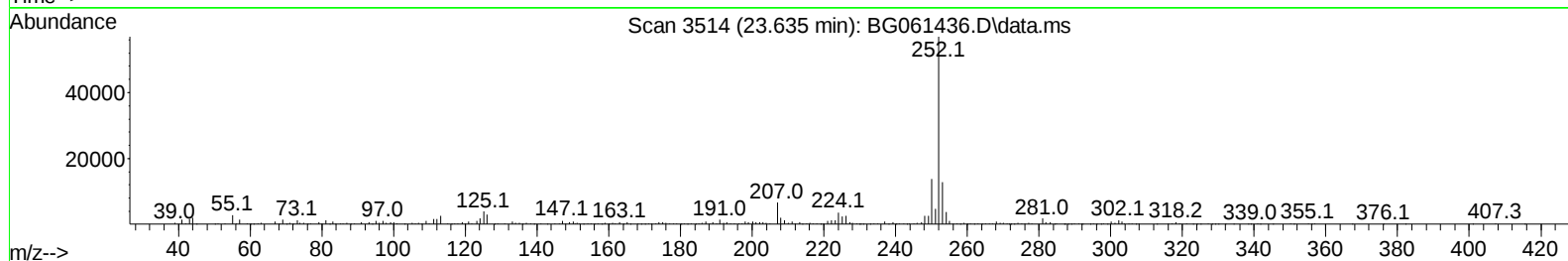
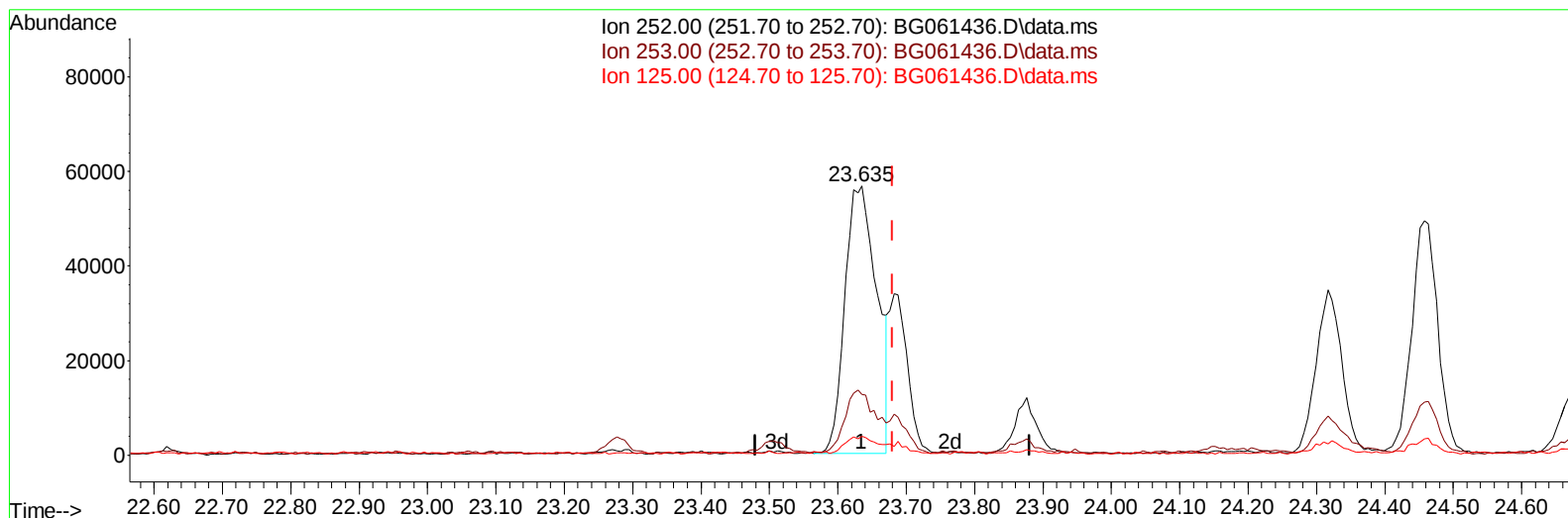
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061436.D\data.ms

(91) Benzo(k)fluoranthene

23.635min (-0.045) 11.03 ng/u1

response 183666

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.62
125.00	5.40	7.01#
0.00	0.00	0.00

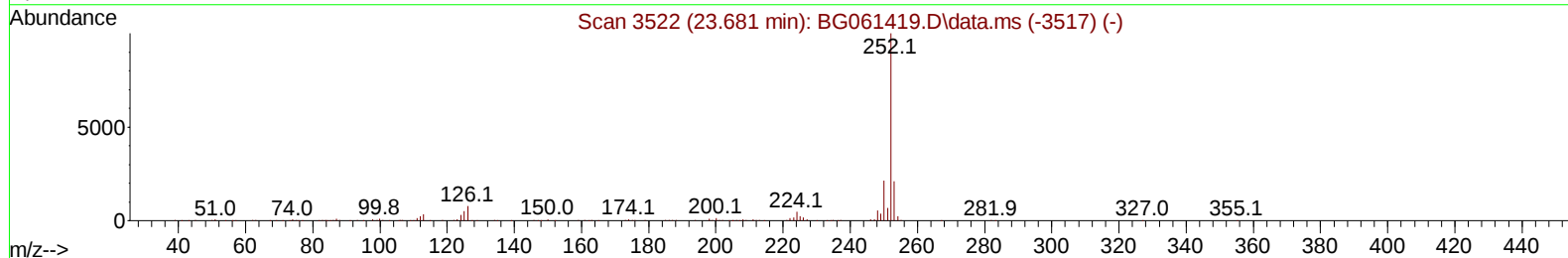
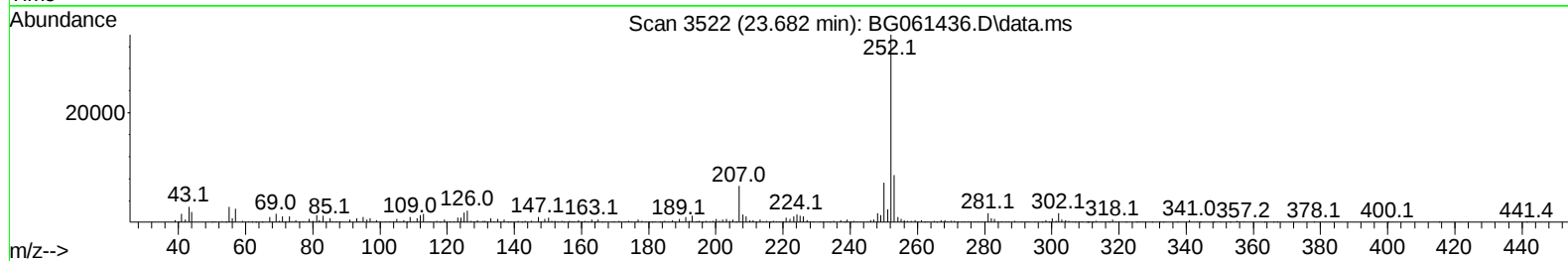
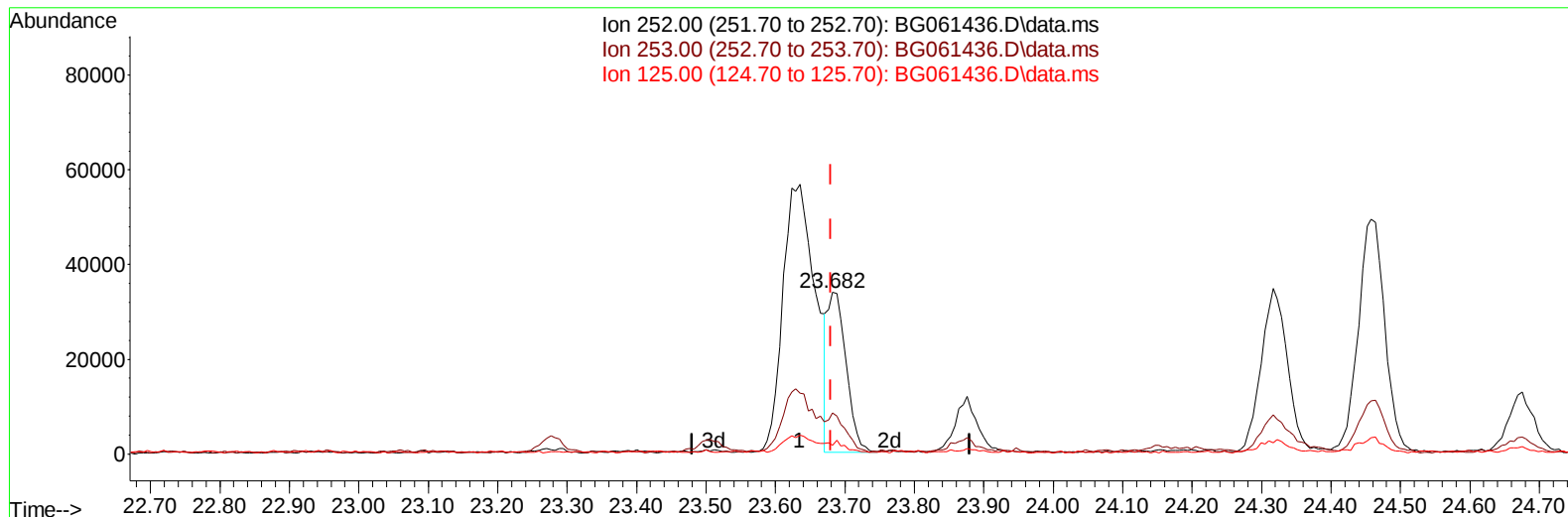
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:01:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

(91) Benzo(k)fluoranthene

23.682min (+ 0.002) 3.73 ng/u1 m

response 62106

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	25.43#
125.00	5.40	5.52
0.00	0.00	0.00

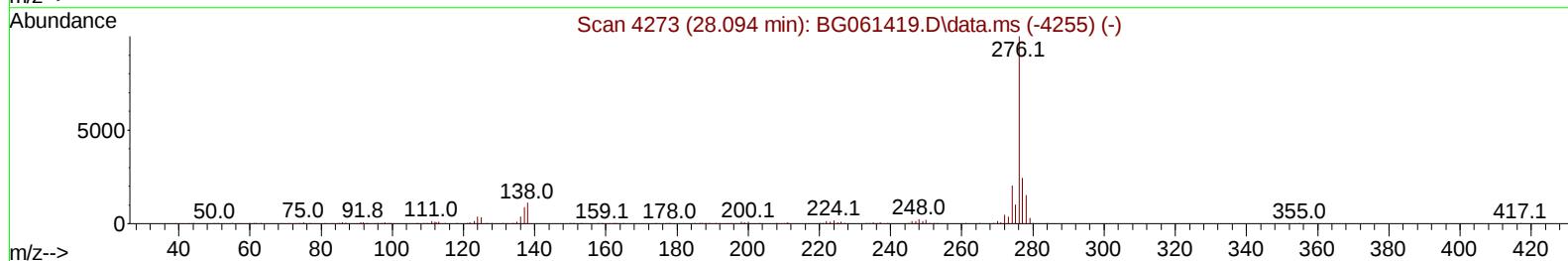
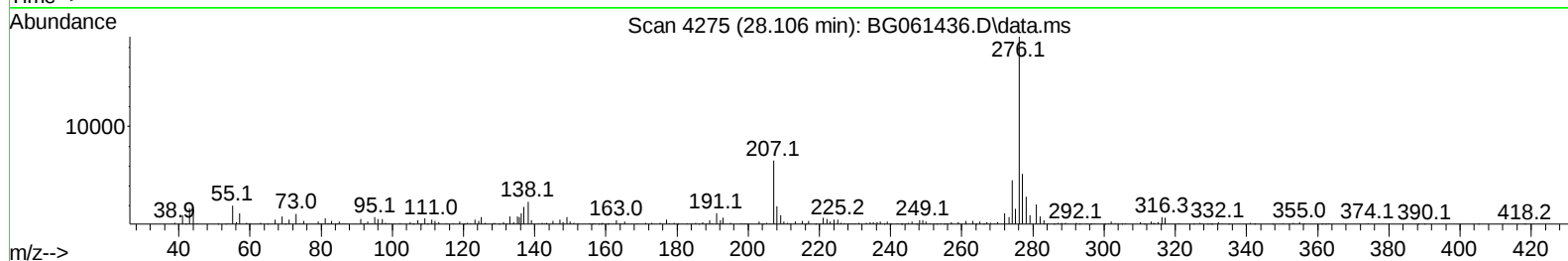
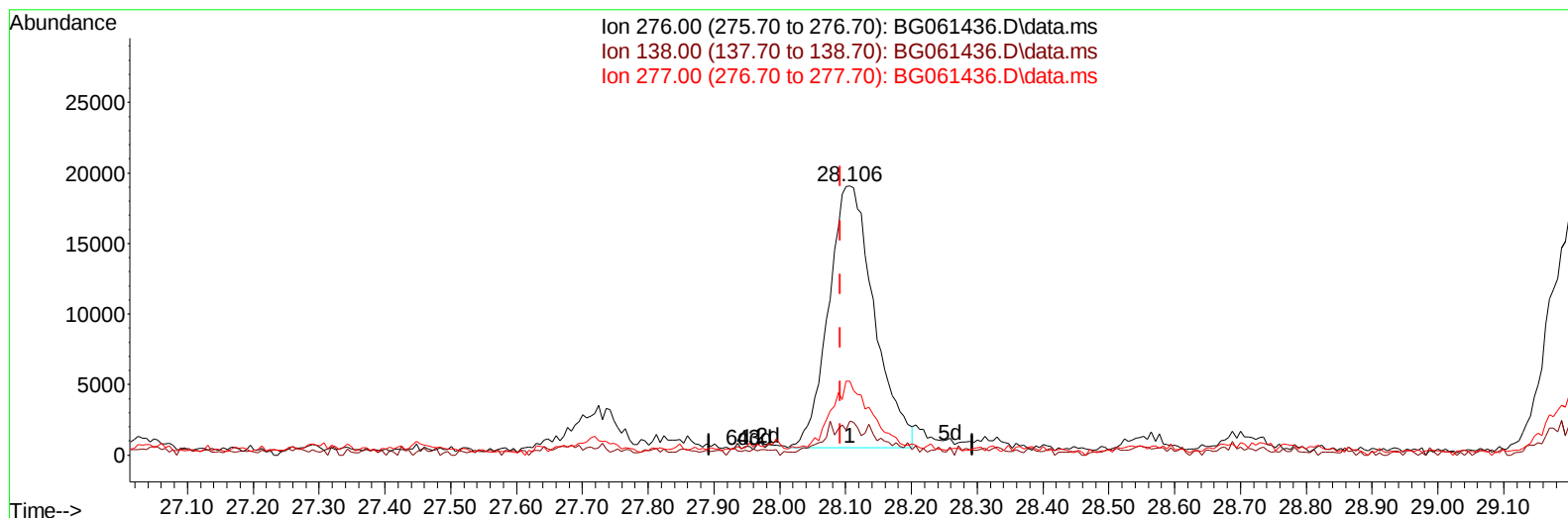
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/04/2024
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TIC: BG061436.D\data.ms

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

28.106min (+ 0.014) 4.72 ng/u1

response 88934

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.69
277.00	24.60	27.52
0.00	0.00	0.00

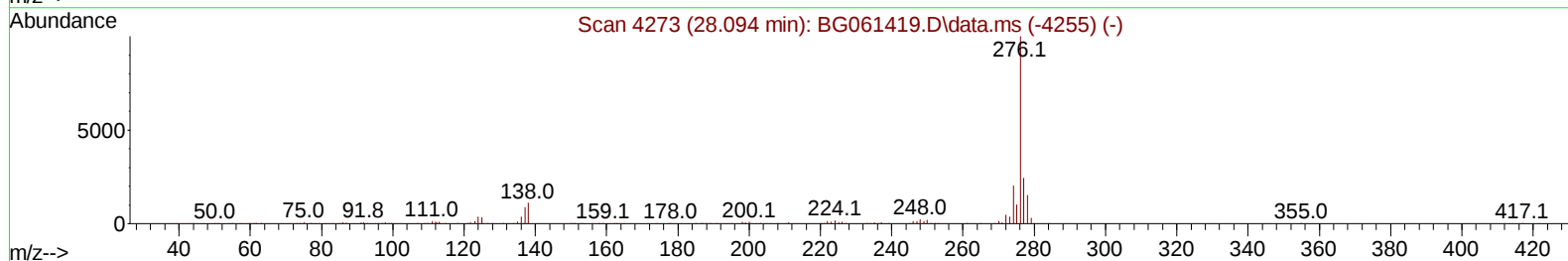
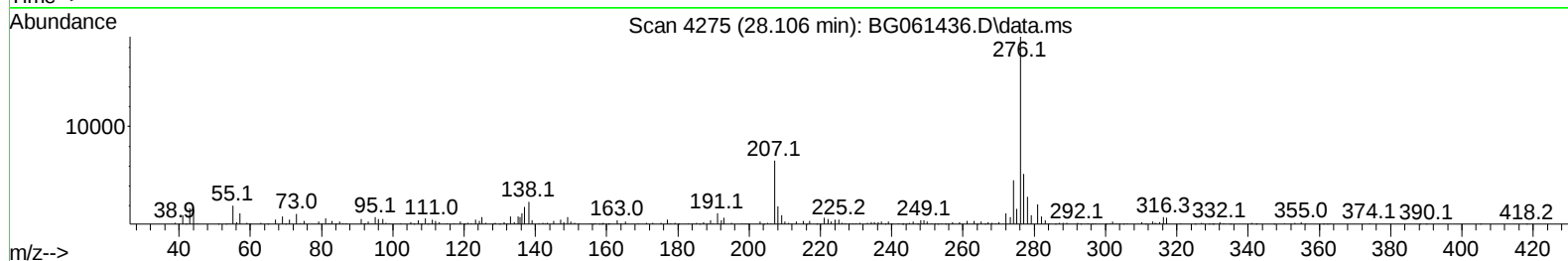
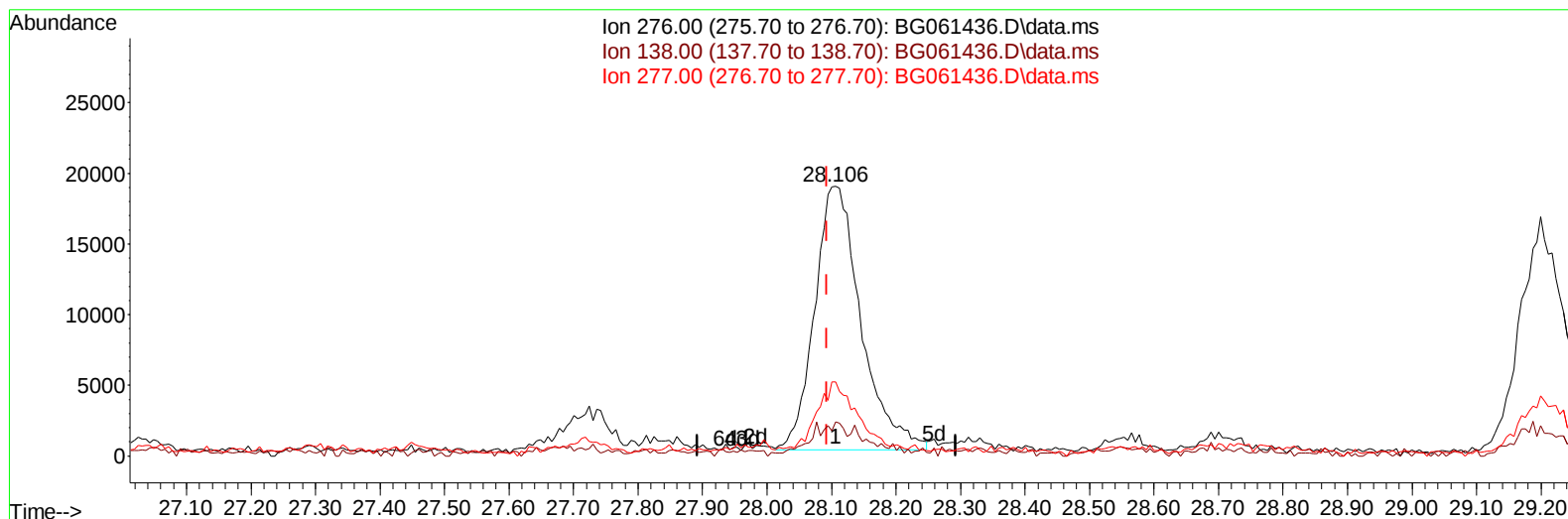
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

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

28.106min (+ 0.014) 4.93 ng/u1 m

response 92979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.69
277.00	24.60	27.52
0.00	0.00	0.00

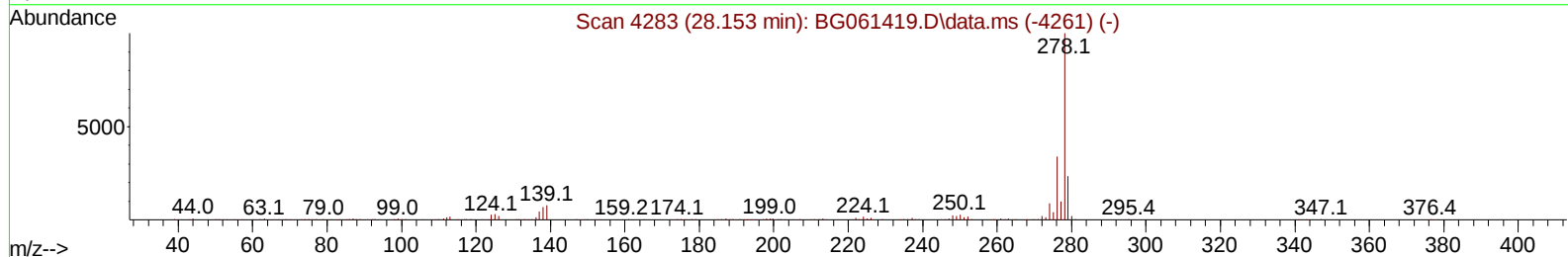
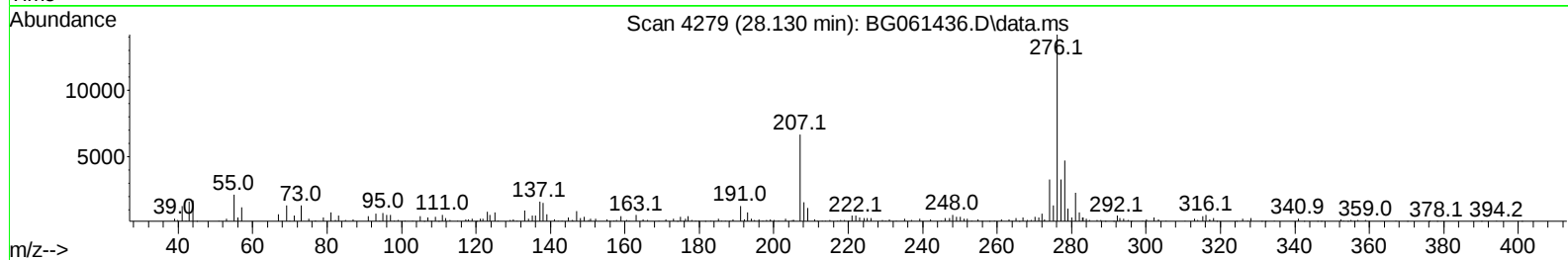
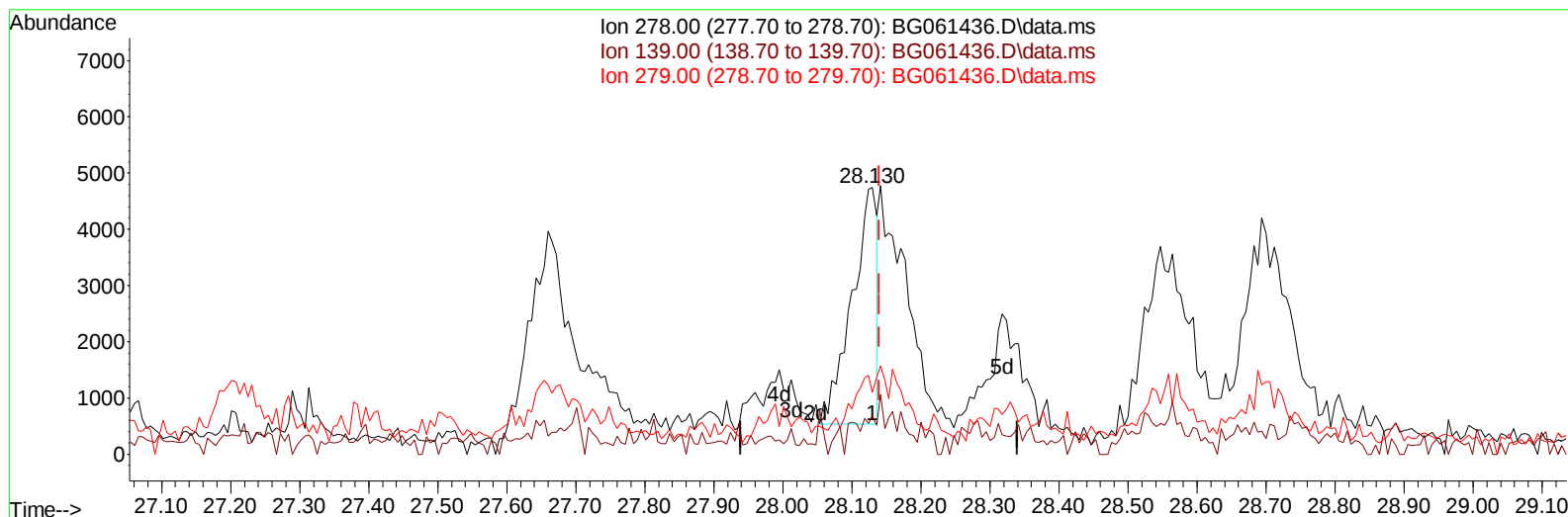
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061436.D
 Acq On : 4 Jun 2024 00:21
 Operator : MA/JU
 Sample : P2589-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:02:50 2024
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 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

(95) Dibenzo(a,h)anthracene

28.130min (-0.010) 0.68 ng/u1

response 10558

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	14.48#
279.00	24.90	23.26
0.00	0.00	0.00

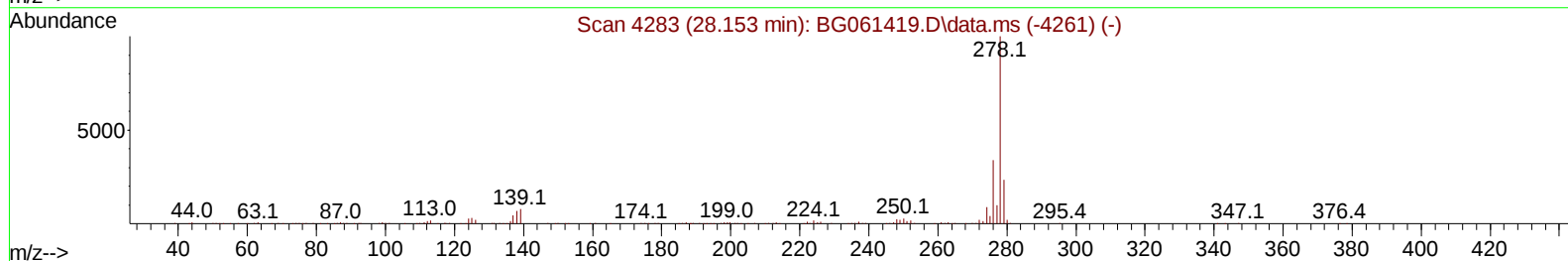
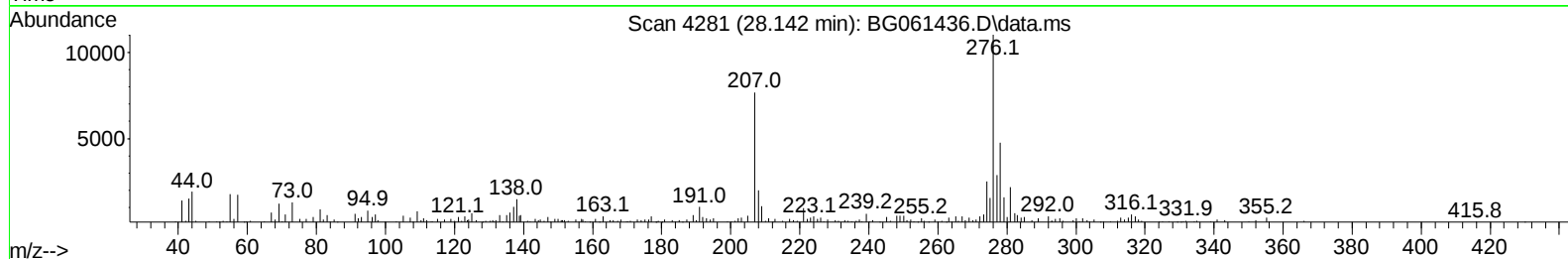
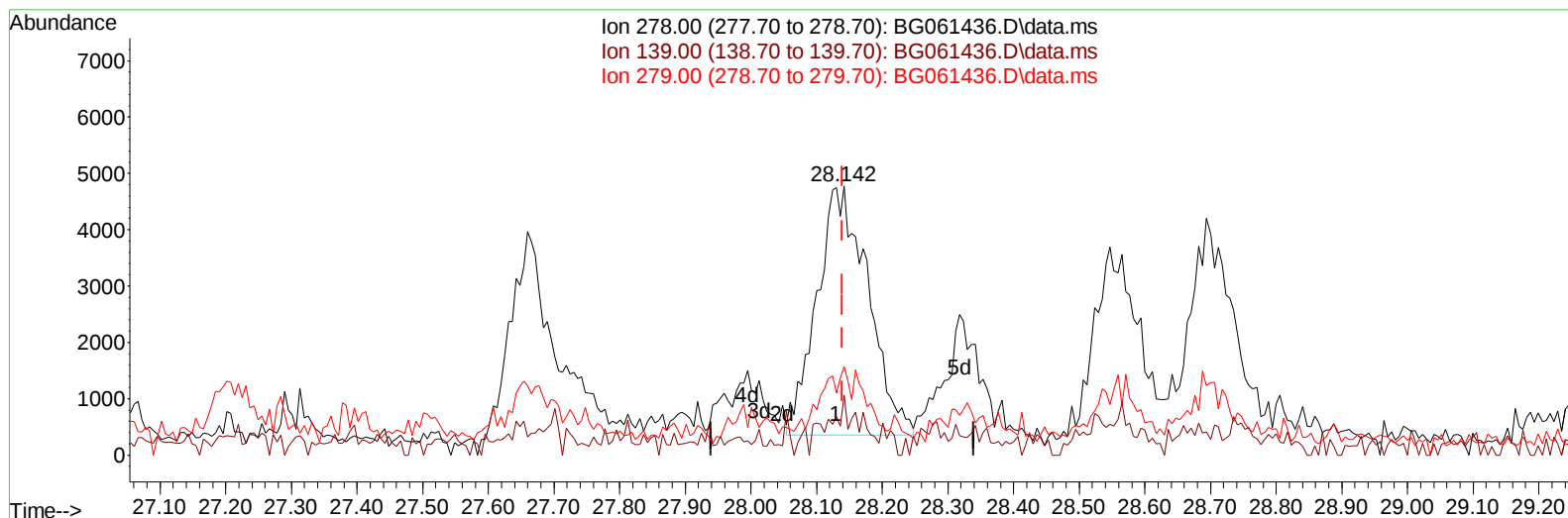
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061436.D
Acq On : 4 Jun 2024 00:21
Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061436.D\data.ms

(95) Dibenzo(a,h)anthracene

28.142min (+ 0.002) 1.54 ng/ul m

response 23856

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.31#
279.00	24.90	32.91#
0.00	0.00	0.00

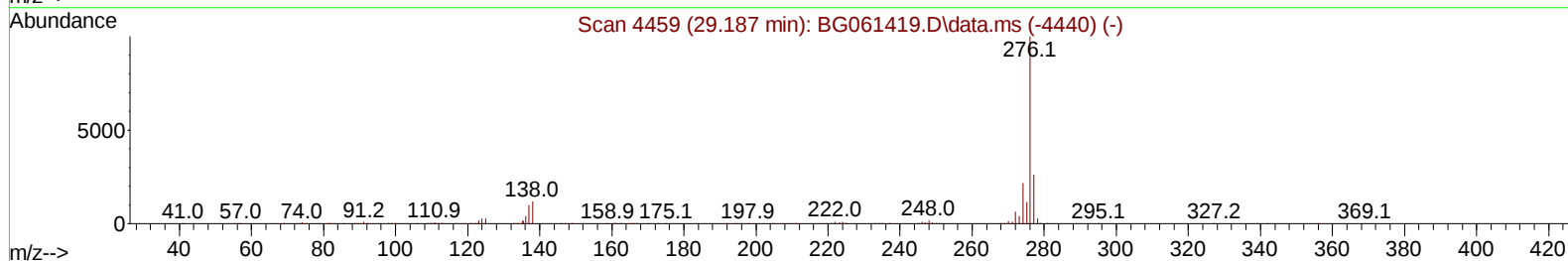
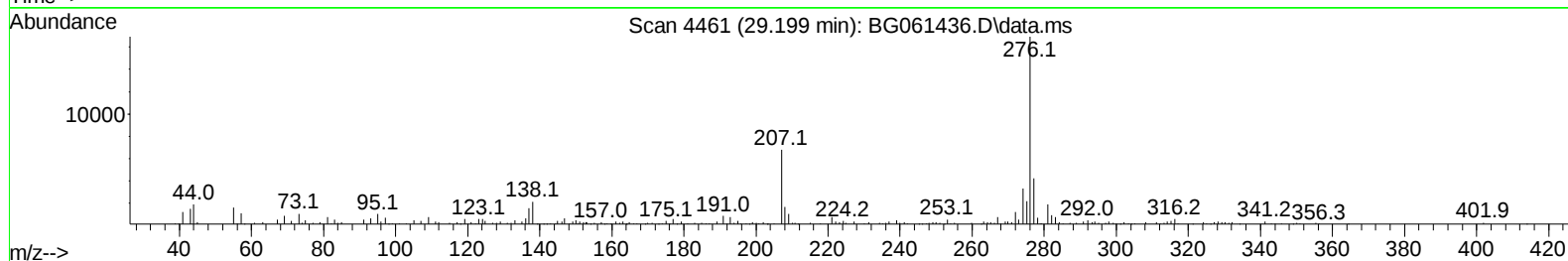
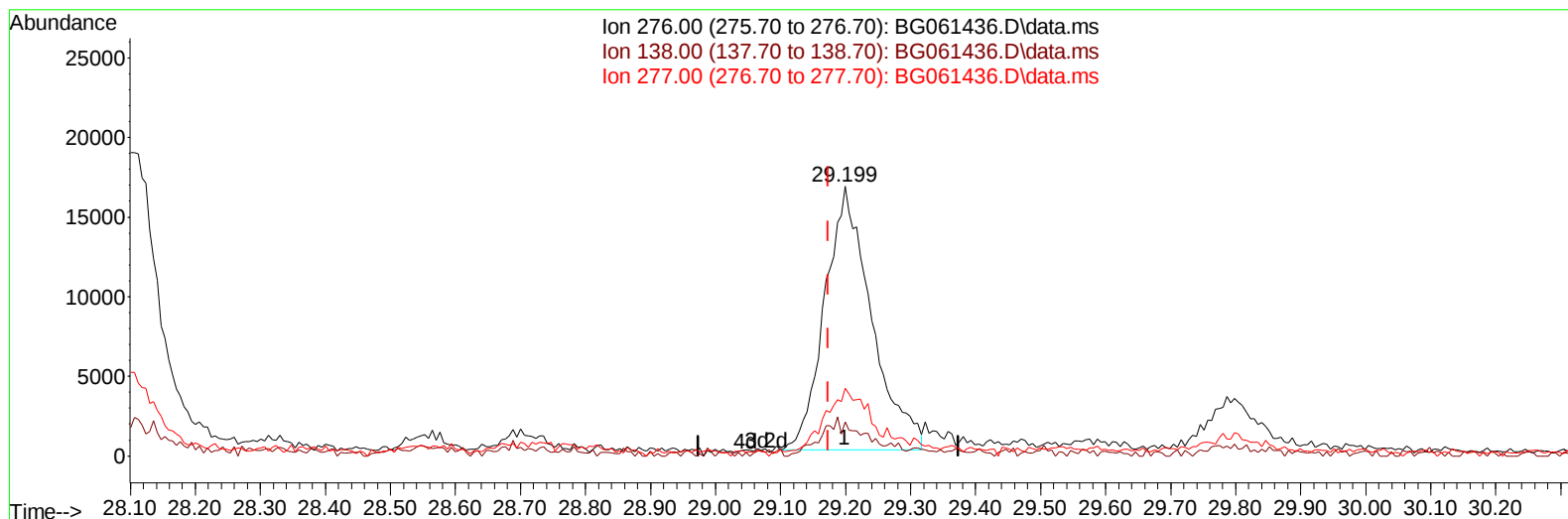
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Operator : MA/JU
Sample : P2589-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

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TIC: BG061436.D\data.ms

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

29.199min (+ 0.026) 5.51 ng/u1

response 82527

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.73
277.00	22.70	25.14
0.00	0.00	0.00

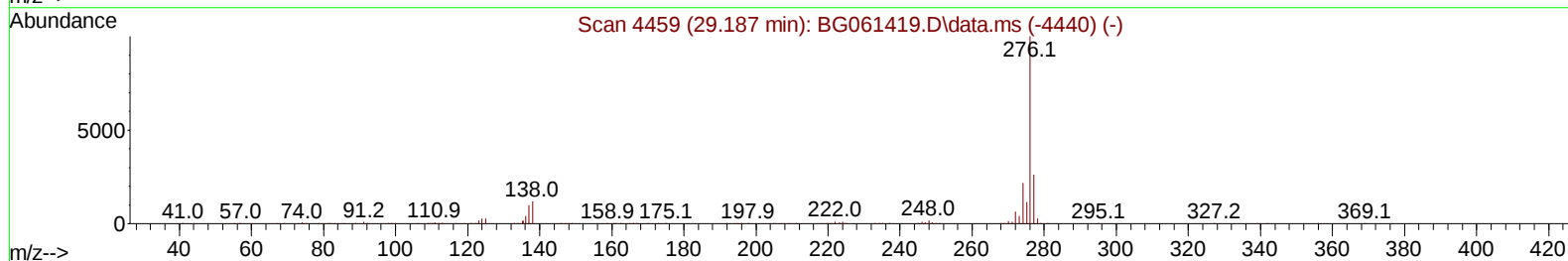
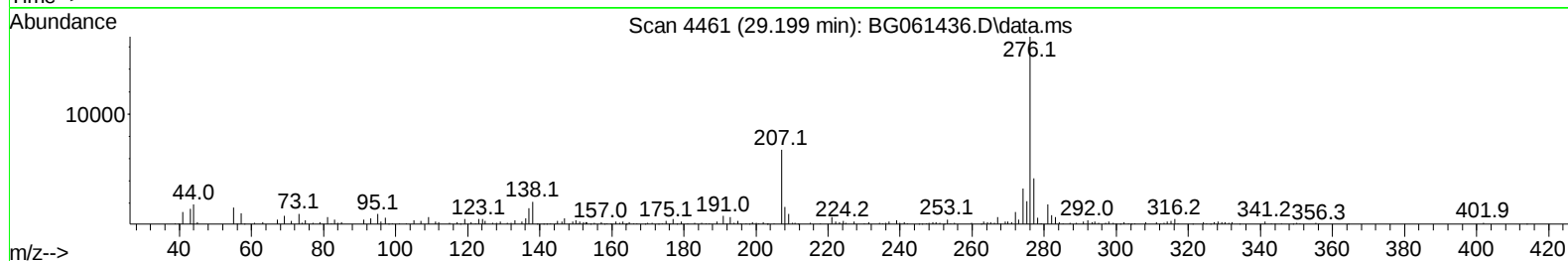
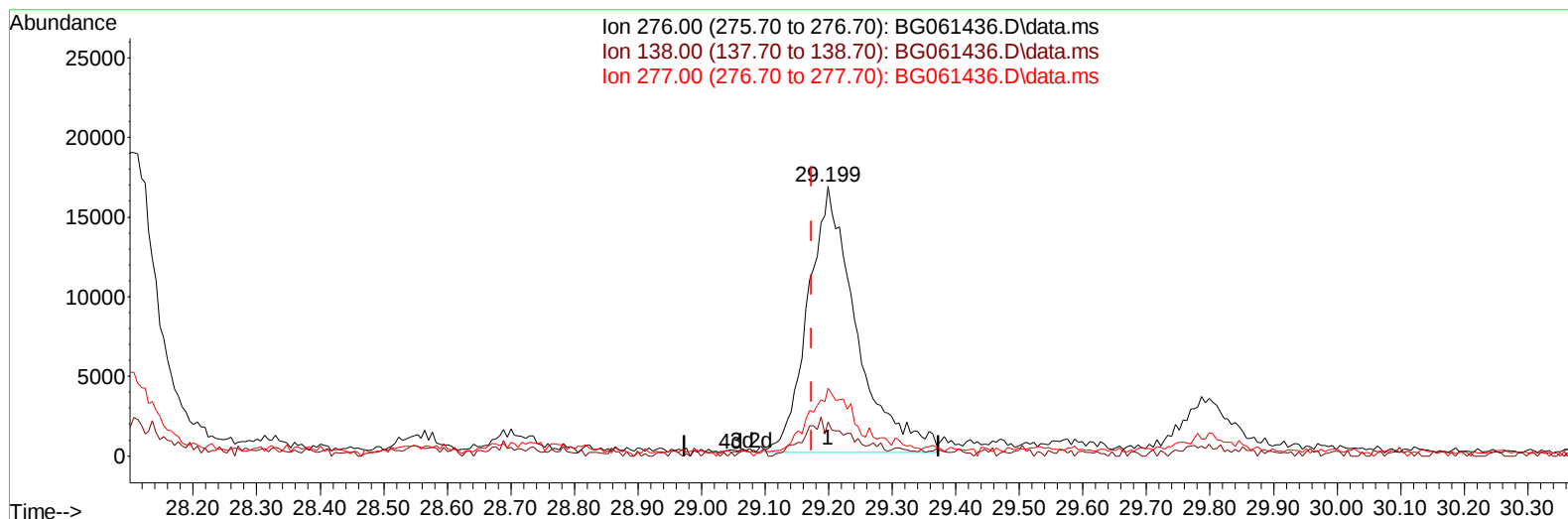
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061436.D\data.ms

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

29.199min (+ 0.026) 5.91 ng/u1 m

response 88550

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.73
277.00	22.70	25.14
0.00	0.00	0.00

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Instrument :
 BNA_G
 ClientSampleId :
 BH5W4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 01:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	30929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	128155	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.511	164	97995	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	222154	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	236474	20.000	ng/ul	0.00
88) Perylene-d12	24.605	264	275573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2522	4.563	ng/uL	0.00
4) Pyridine-d5	3.747	84	40200	20.446	ng/ul	0.00
7) Phenol-d5	7.060	99	62711	24.690	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	38255	23.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	51744	27.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	51757	23.898	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	26499	26.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	30178	26.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	63319	28.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	55774	18.937	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	199191	26.208	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	225342	28.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	18091	19.253	ng/ul	0.02
60) Fluorene-d10	15.504	176	176576	26.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	27048	20.131	ng/ul	0.01
73) Anthracene-d10	17.360	188	296634	30.287	ng/ul	0.00
81) Pyrene-d10	19.652	212	350667	28.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	385306	29.083	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	91943	8.527	ng/ul	99
74) Anthracene	17.395	178	11758	1.055	ng/ul	95
80) Fluoranthene	19.317	202	238203	16.354	ng/ul	98
82) Pyrene	19.681	202	222538	14.719	ng/ul	100
85) Benzo(a)anthracene	21.497	228	128196	7.857	ng/ul	97
87) Chrysene	21.561	228	141708m	9.432	ng/ul	
90) Benzo(b)fluoranthene	23.635	252	183666	11.194	ng/ul#	99
91) Benzo(k)fluoranthene	23.682	252	62106m	3.729	ng/ul	
93) Benzo(a)pyrene	24.458	252	130975	8.407	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.106	276	92979m	4.935	ng/ul	
95) Dibenzo(a,h)anthracene	28.142	278	23856m	1.536	ng/ul	
96) Benzo(g,h,i)perylene	29.199	276	88550m	5.908	ng/ul	

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

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Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 01:03:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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