

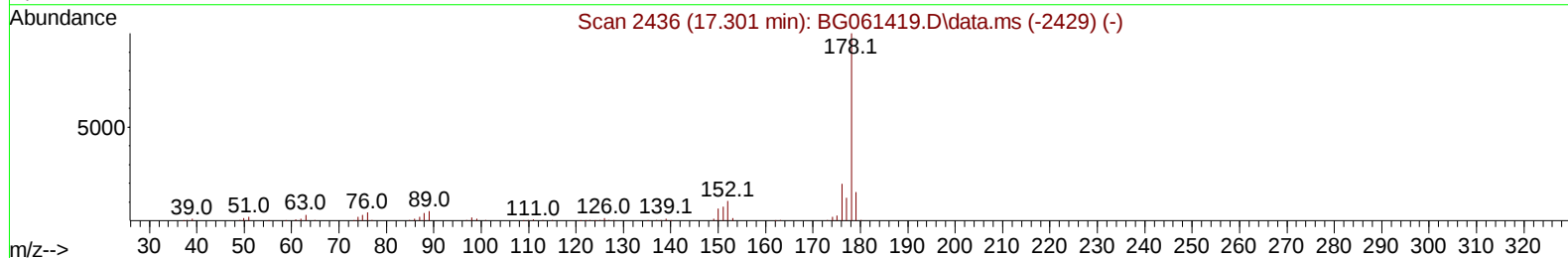
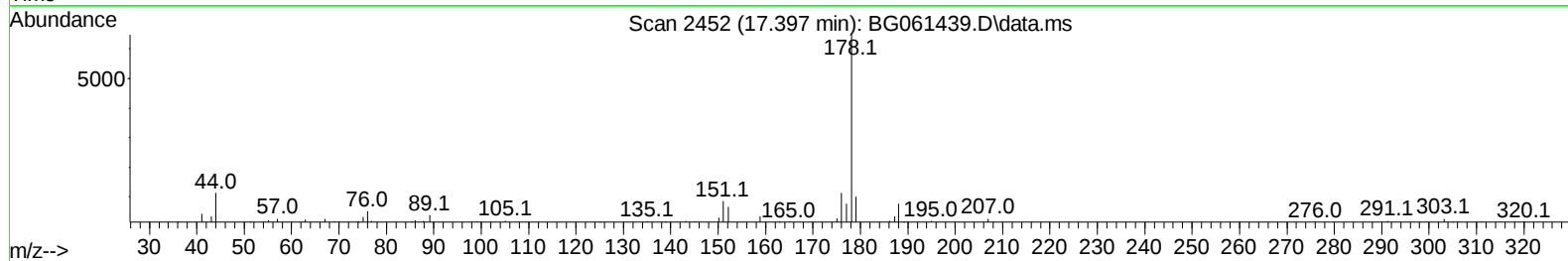
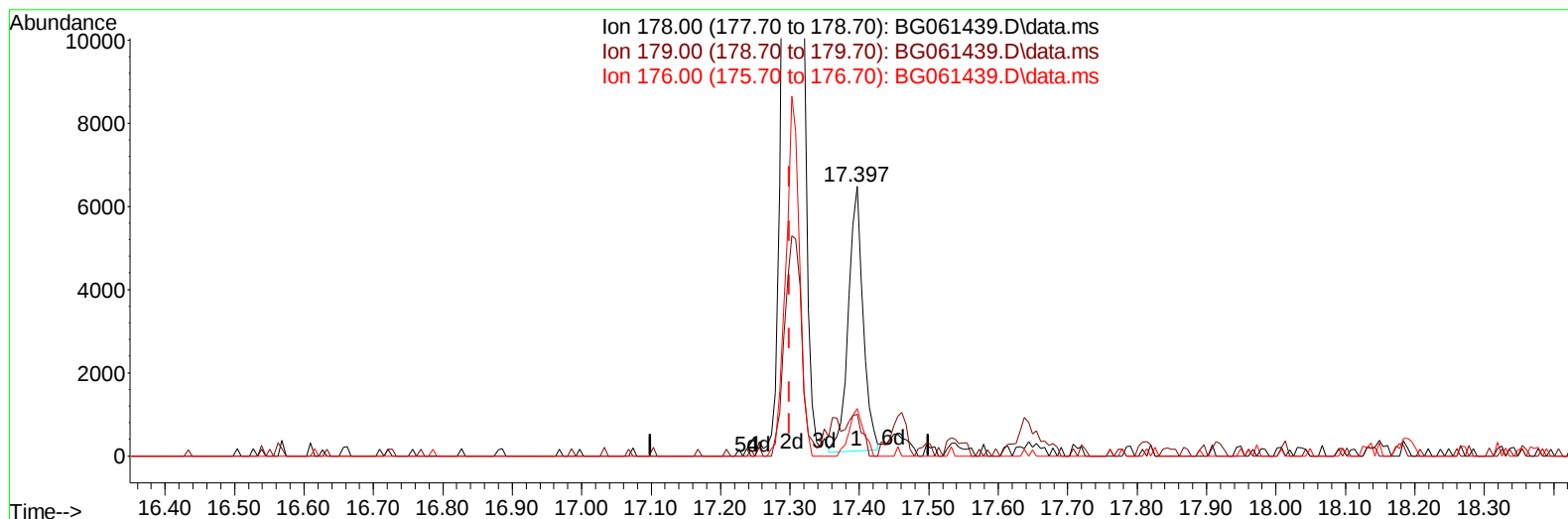
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061439.D
 Acq On : 4 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2577-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH639

Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:57:14 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: BG061439.D\data.ms

(72) Phenanthrene

17.397min (+ 0.097) 0.70 ng/u1

response 9335

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.58
176.00	19.40	17.47
0.00	0.00	0.00

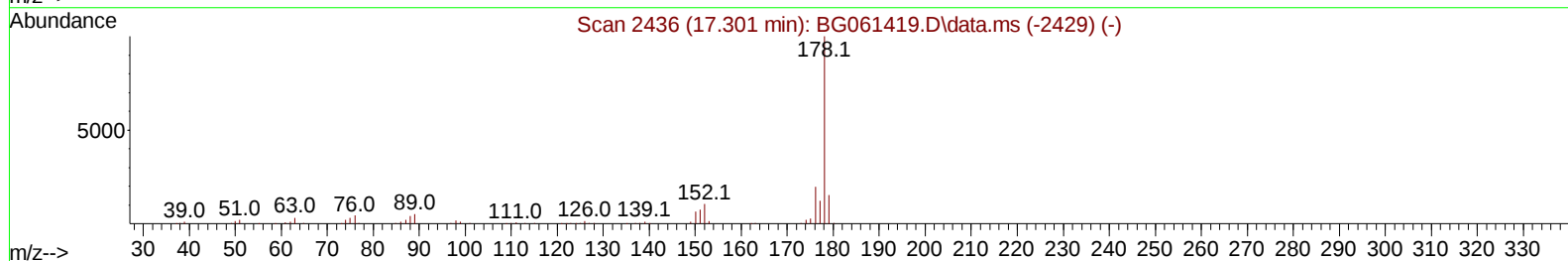
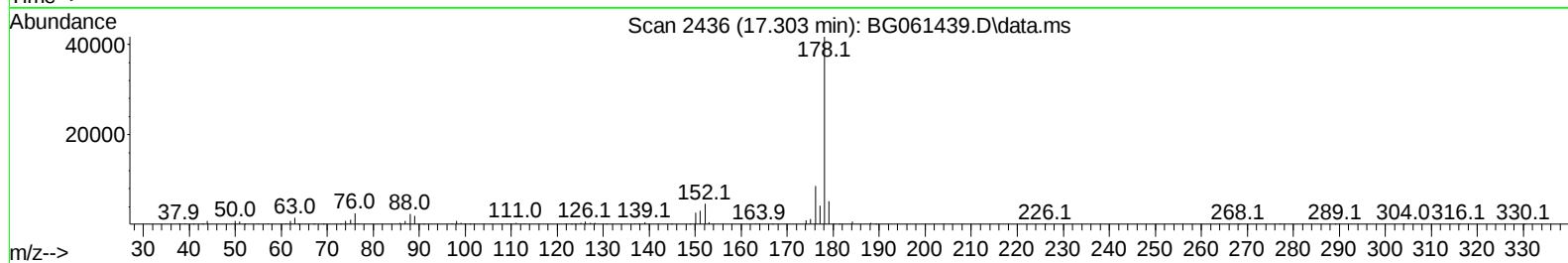
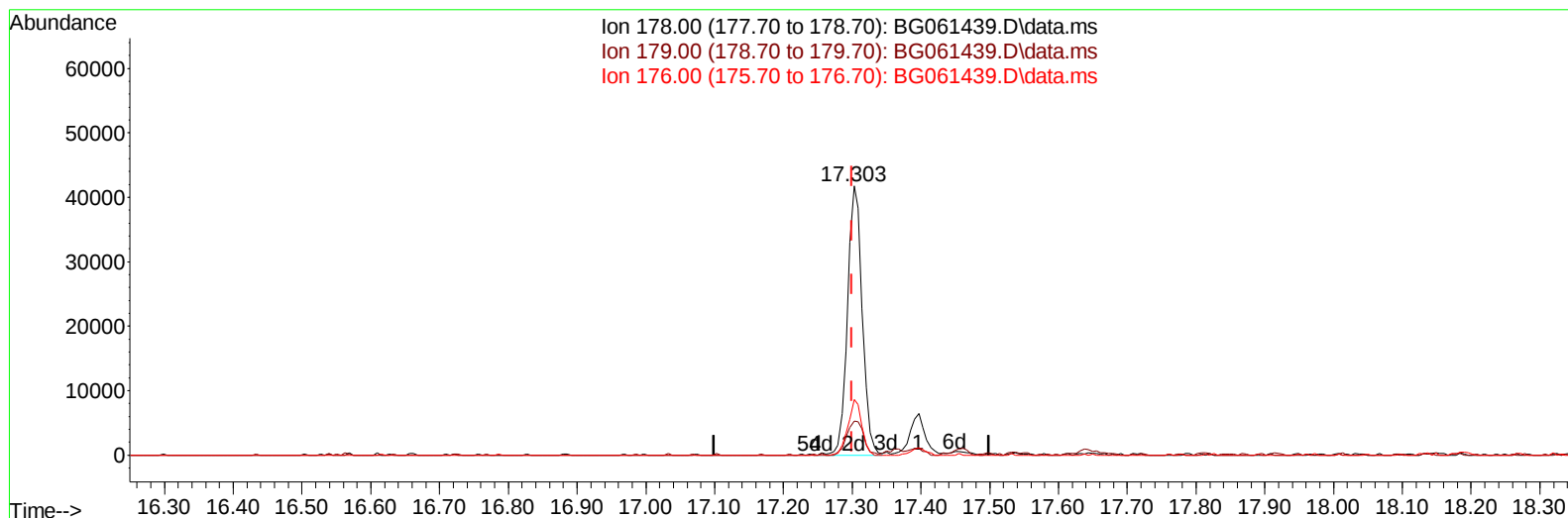
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061439.D
Acq On : 4 Jun 2024 2:24
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:57:14 2024
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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: BG061439.D\data.ms

(72) Phenanthrene

17.303min (+ 0.003) 4.66 ng/u1 m

response 62405

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	12.69#
176.00	19.40	20.73
0.00	0.00	0.00

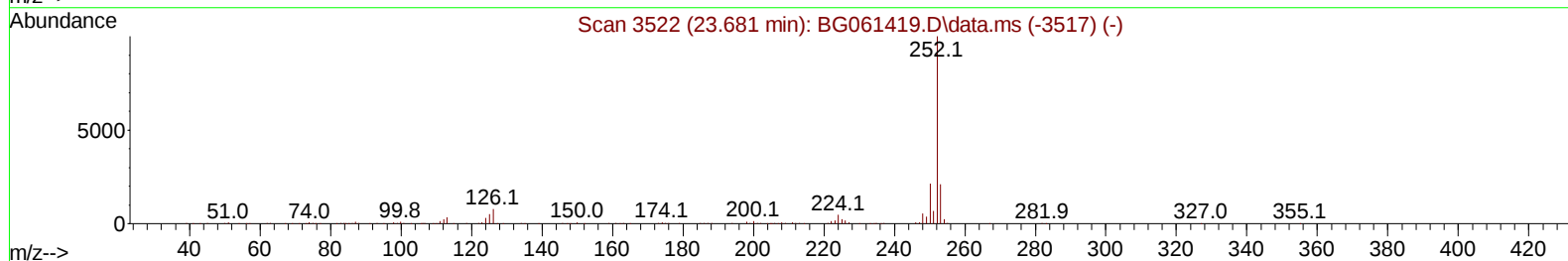
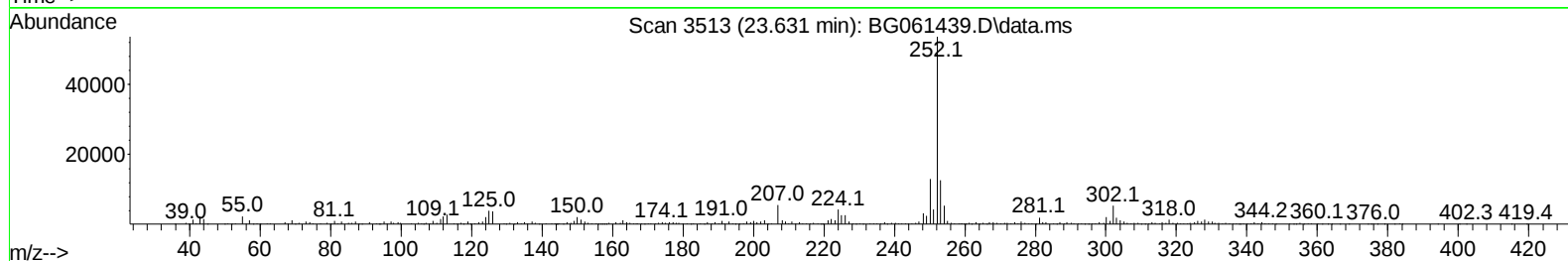
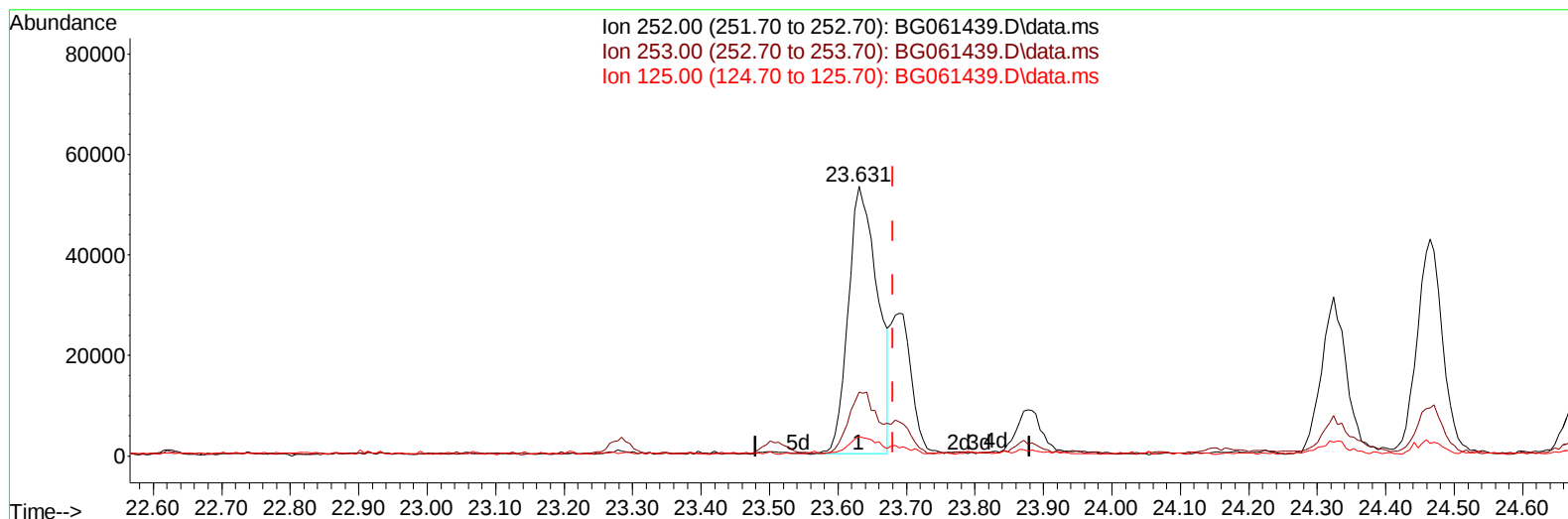
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061439.D
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 Operator : MA/JU
 Sample : P2577-01
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TIC: BG061439.D\data.ms

(91) Benzo(k)fluoranthene

23.631min (-0.050) 7.62 ng/u1

response 158215

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.61
125.00	5.40	7.26#
0.00	0.00	0.00

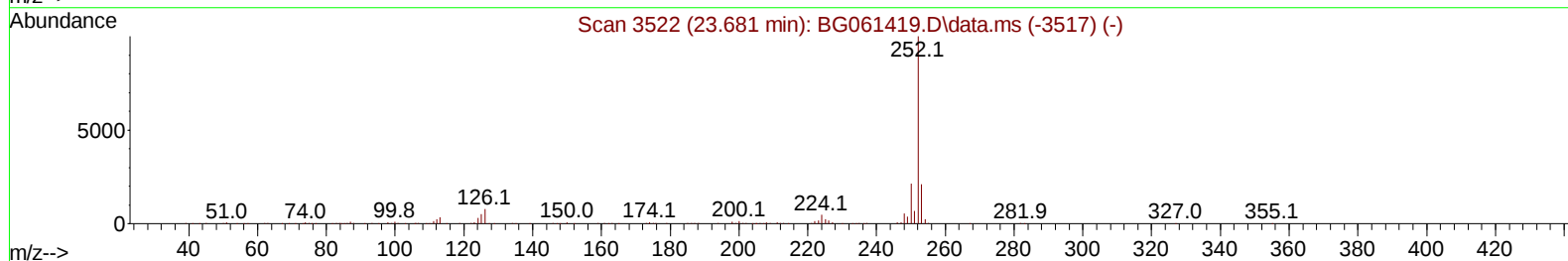
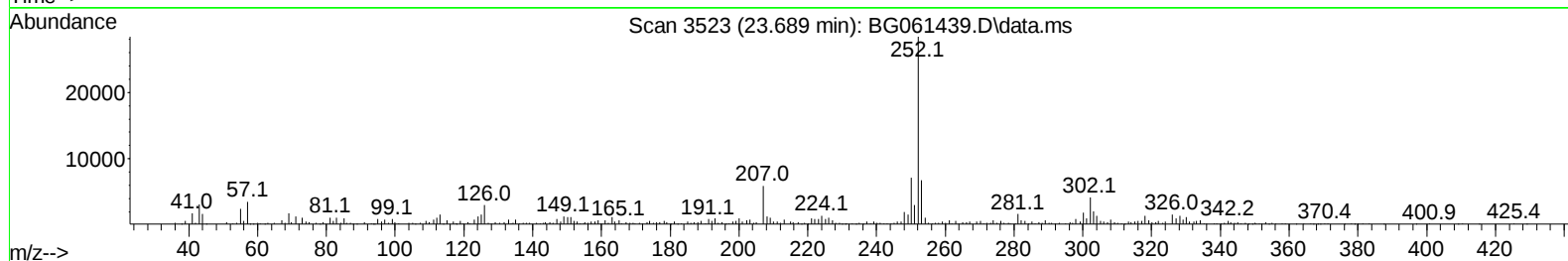
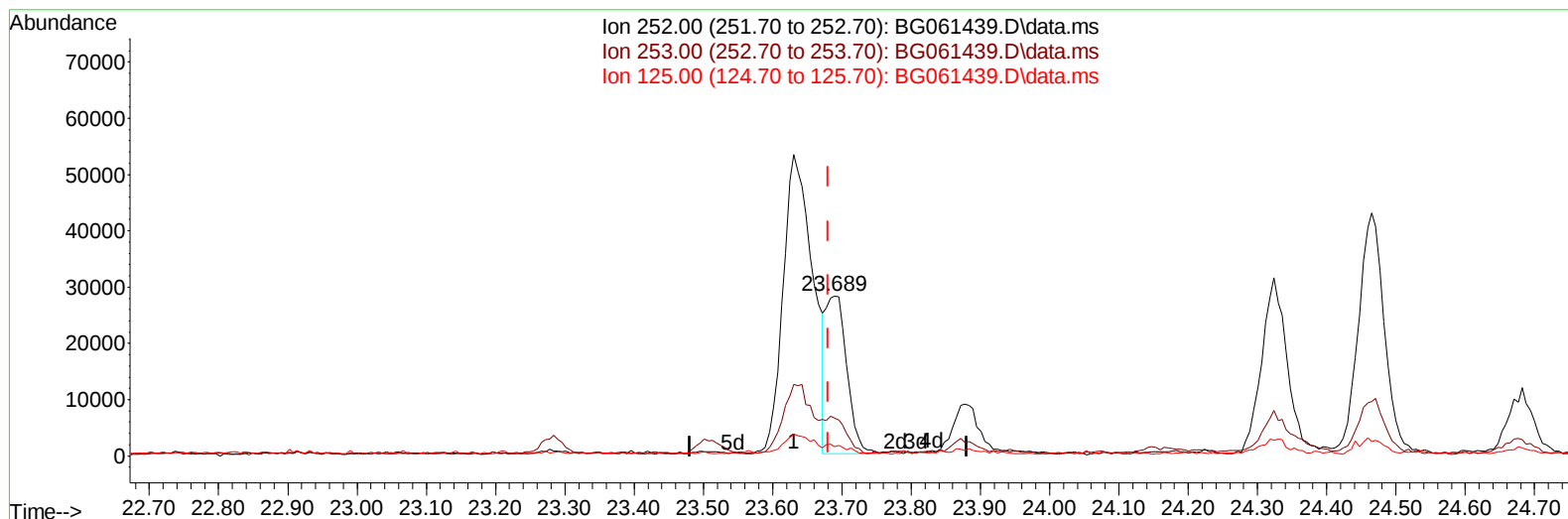
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061439.D
Acq On : 4 Jun 2024 2:24
Operator : MA/JU
Sample : P2577-01
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TIC: BG061439.D\data.ms

(91) Benzo(k)fluoranthene

23.689min (+ 0.009) 2.84 ng/u1 m

response 58927

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.68
125.00	5.40	5.75
0.00	0.00	0.00

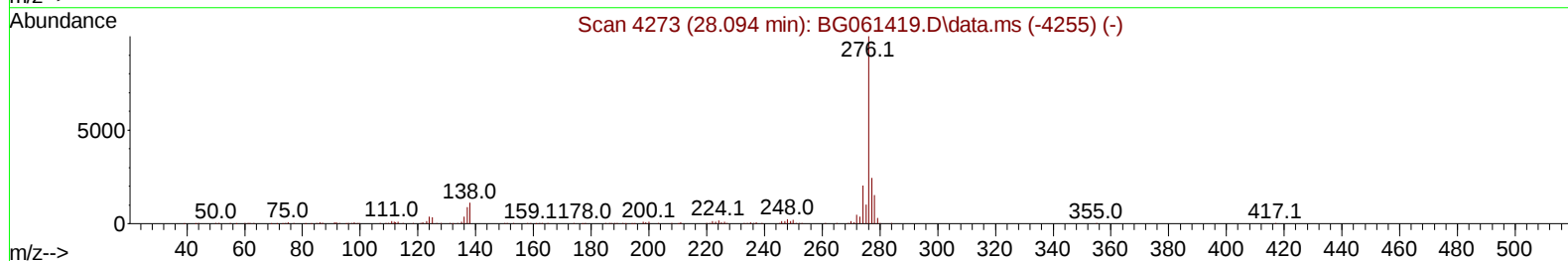
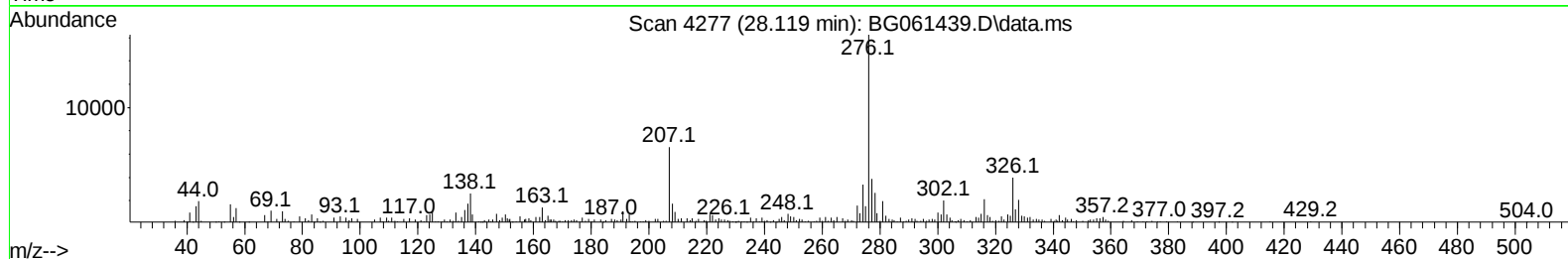
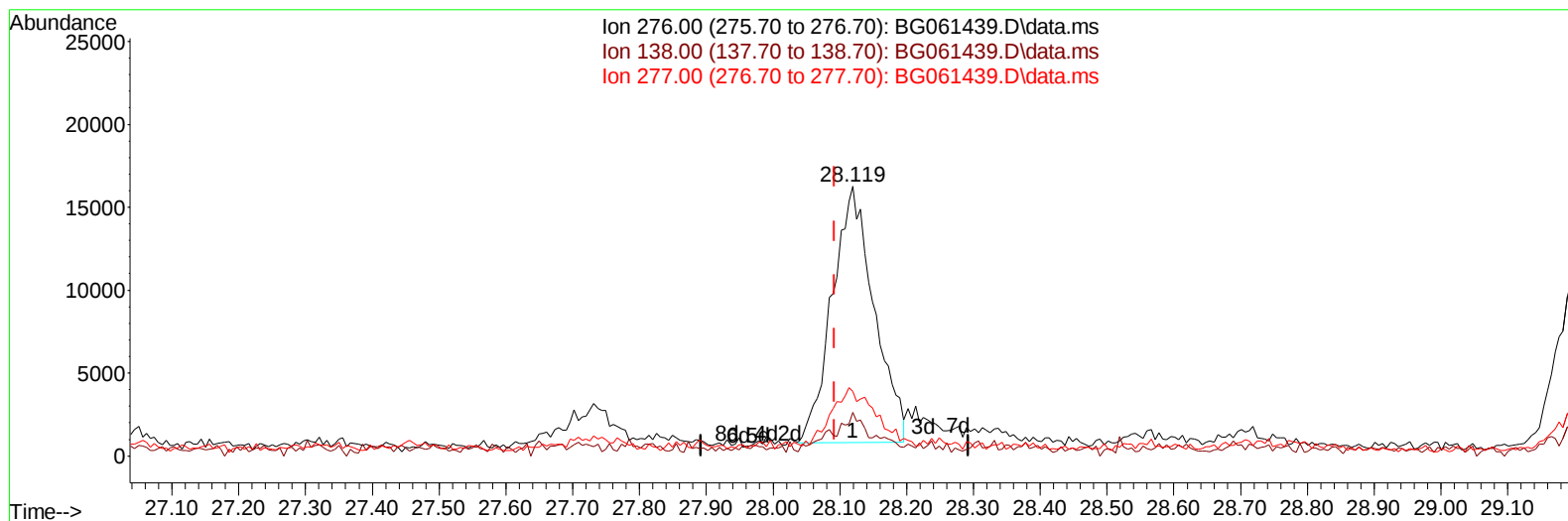
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Data File : BG061439.D
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Operator : MA/JU
Sample : P2577-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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TIC: BG061439.D\data.ms

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

28.119min (+ 0.027) 2.88 ng/u1

response 67509

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	16.17#
277.00	24.60	23.86
0.00	0.00	0.00

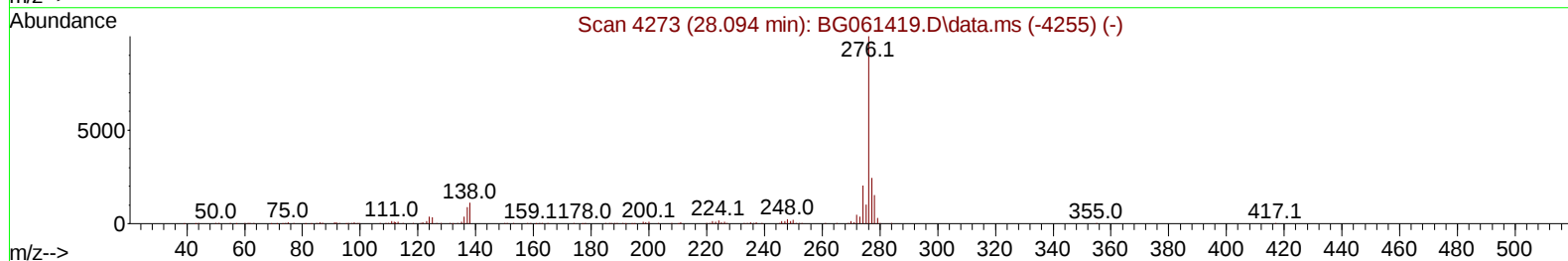
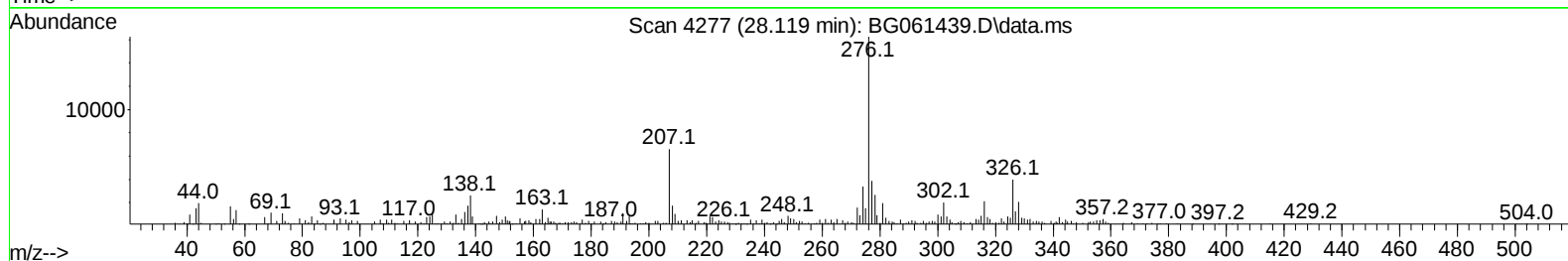
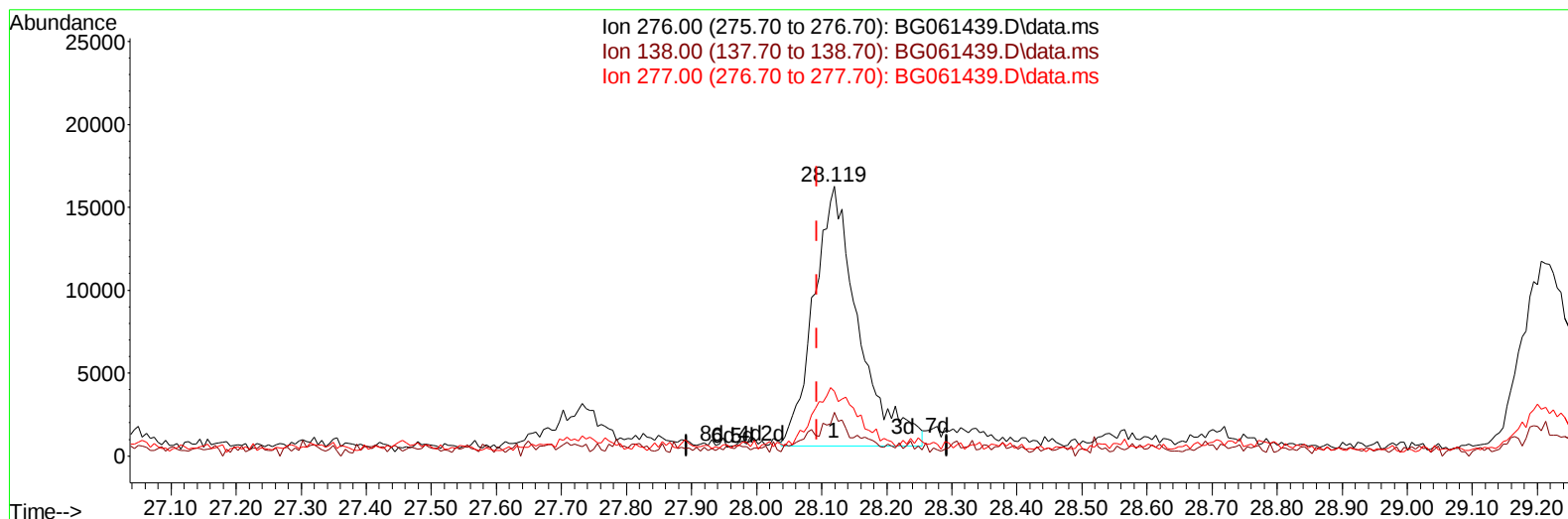
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061439.D
 Acq On : 4 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2577-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH639

Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:57:14 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: BG061439.D\data.ms

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

28.119min (+ 0.027) 3.20 ng/ul m

response 75205

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	16.17#
277.00	24.60	23.86
0.00	0.00	0.00

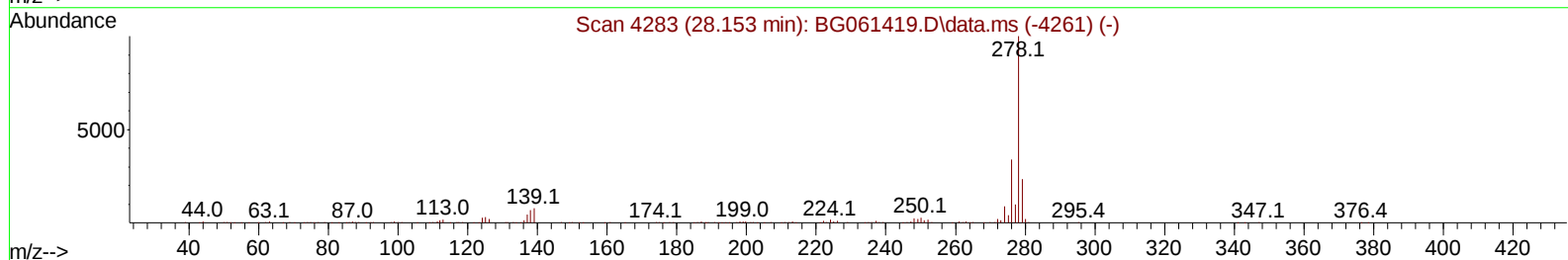
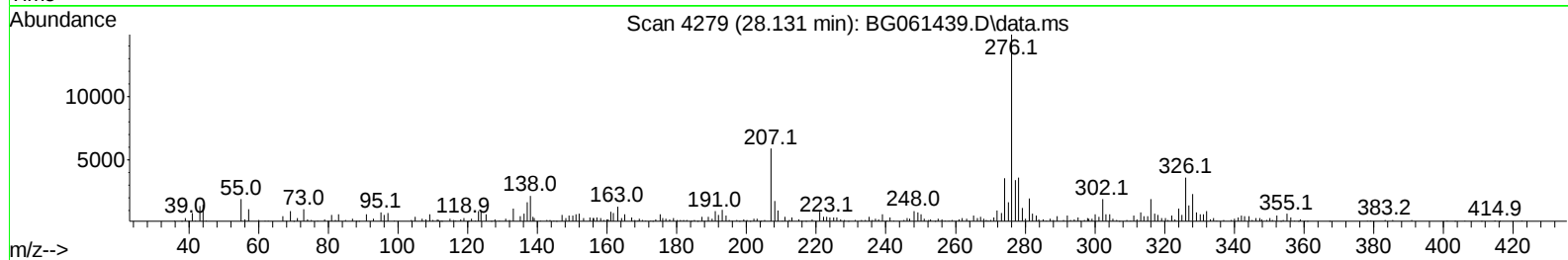
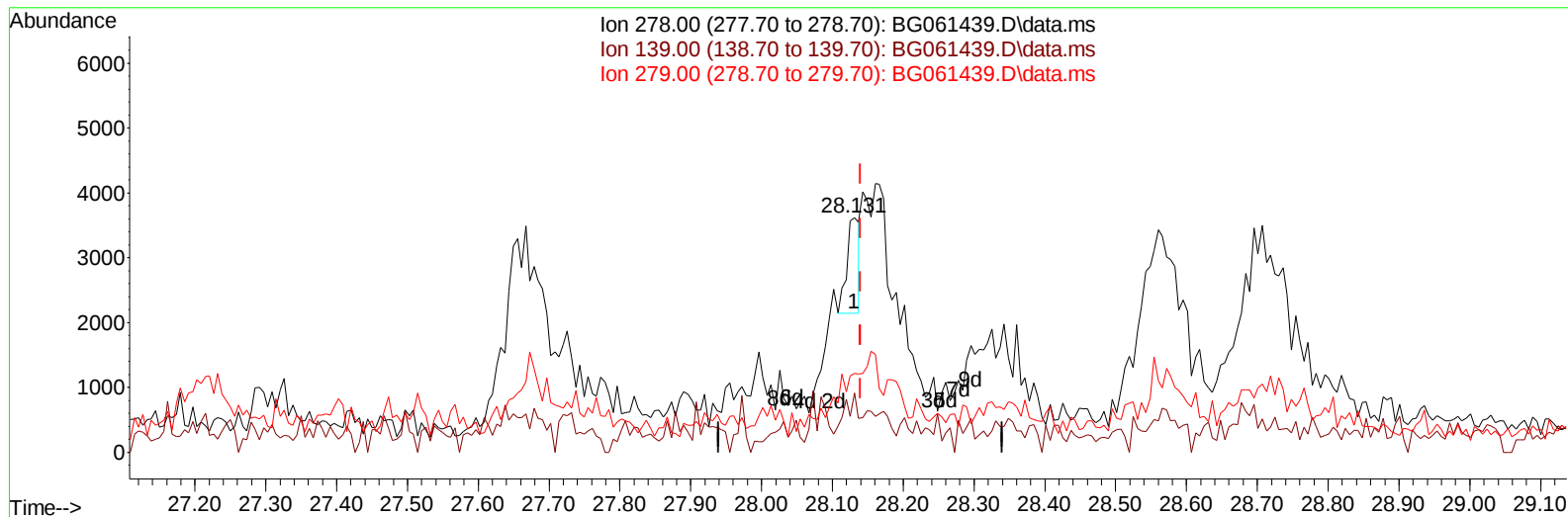
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061439.D
Acq On : 4 Jun 2024 2:24
Operator : MA/JU
Sample : P2577-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH639

Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:59:04 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: BG061439.D\data.ms

(95) Dibenzo(a,h)anthracene

28.131min (-0.008) 0.10 ng/u1

response 1842

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	25.11#
279.00	24.90	33.54#
0.00	0.00	0.00

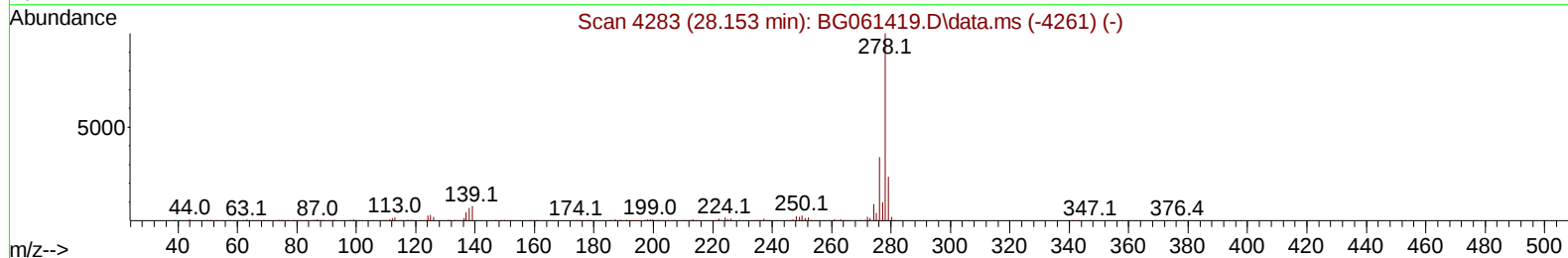
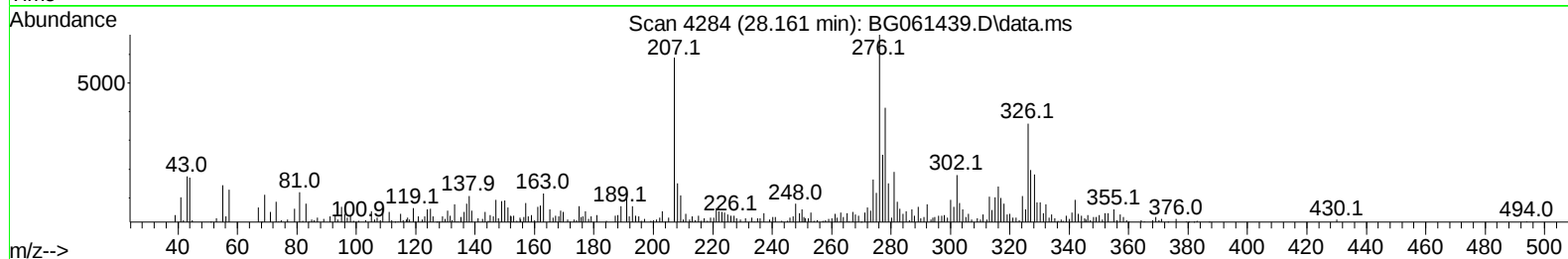
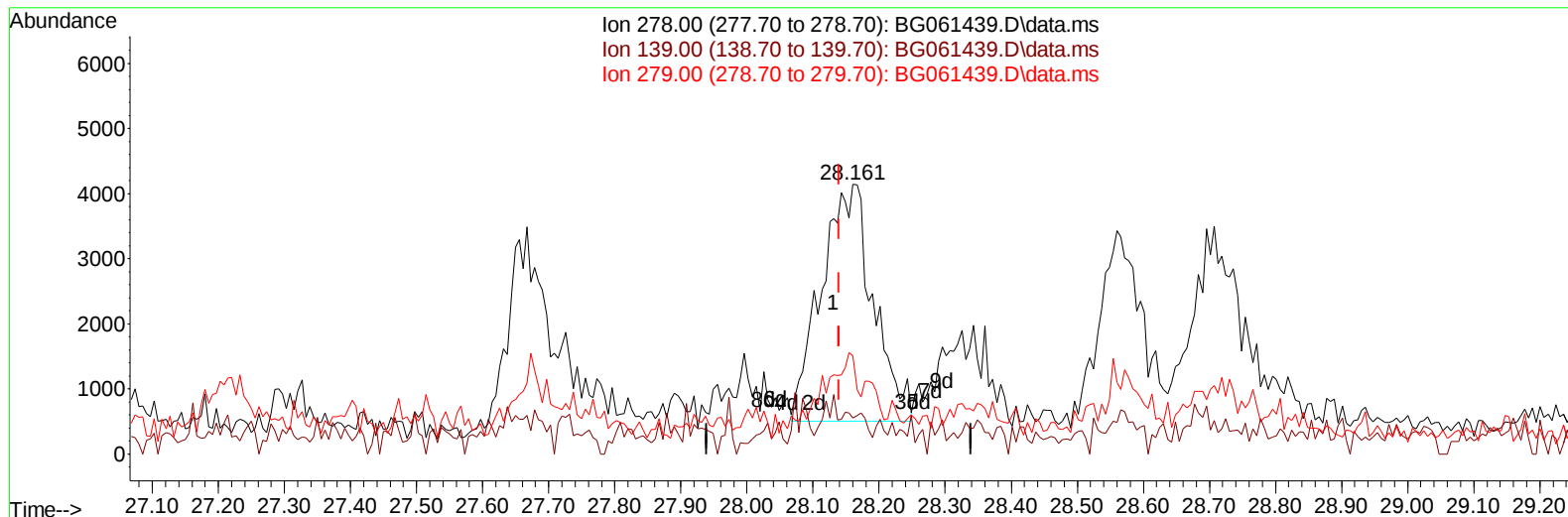
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061439.D
Acq On : 4 Jun 2024 2:24
Operator : MA/JU
Sample : P2577-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH639

Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061439.D\data.ms

(95) Dibenzo(a,h)anthracene

28.161min (+ 0.021) 1.02 ng/ul m

response 19809

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.26#
279.00	24.90	36.49#
0.00	0.00	0.00

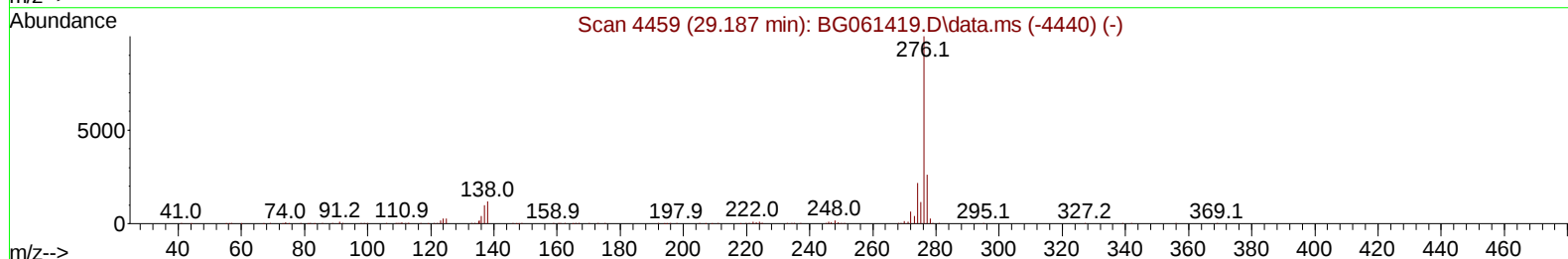
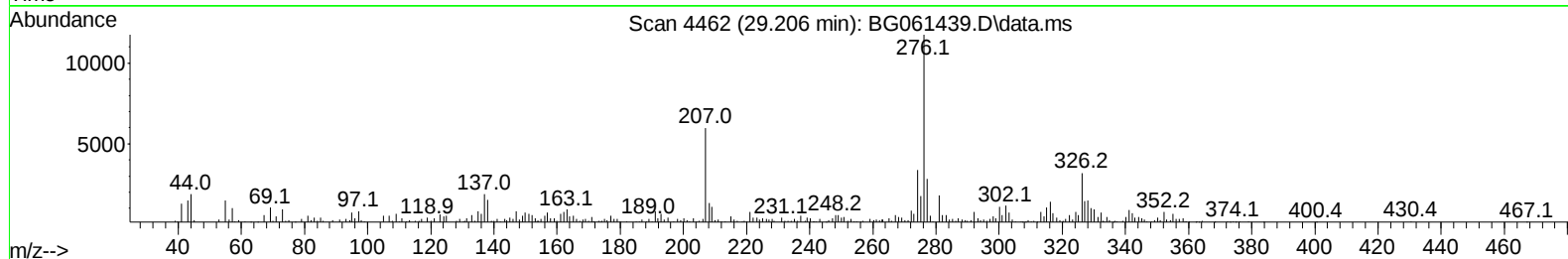
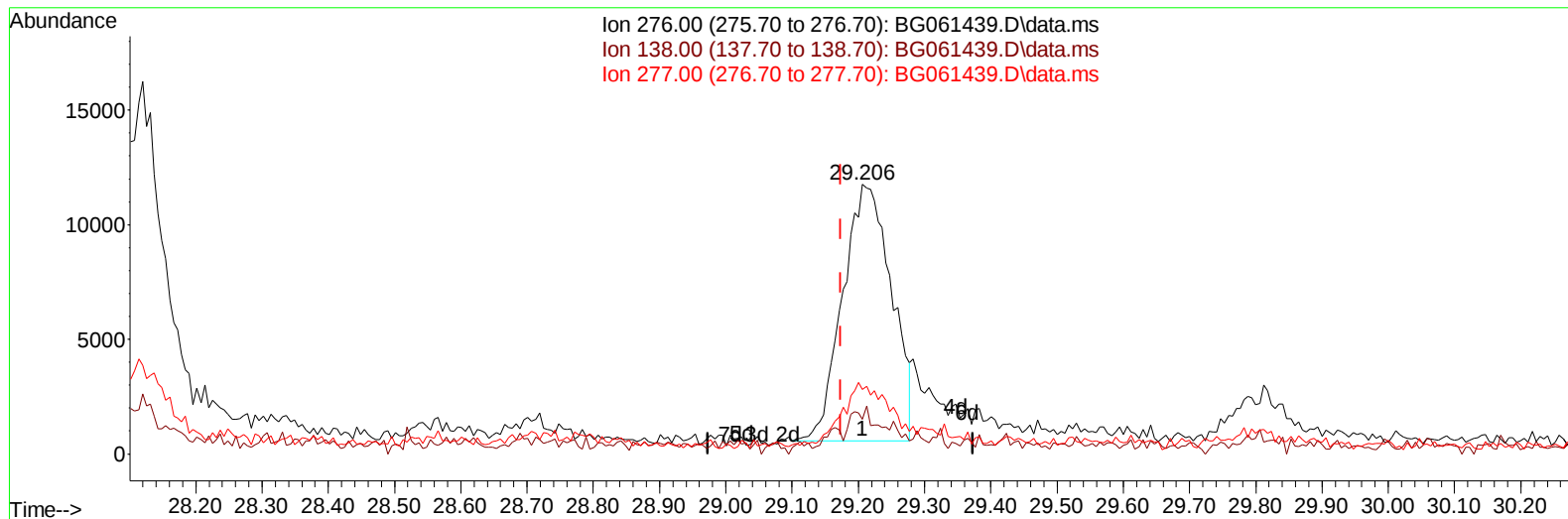
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Sample : P2577-01
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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TIC: BG061439.D\data.ms

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

29.206min (+ 0.033) 3.06 ng/u1

response 57201

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.93
277.00	22.70	24.03
0.00	0.00	0.00

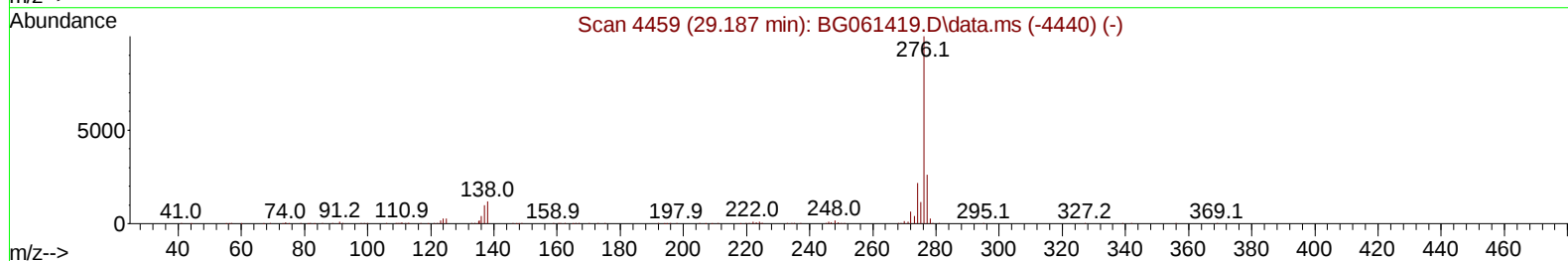
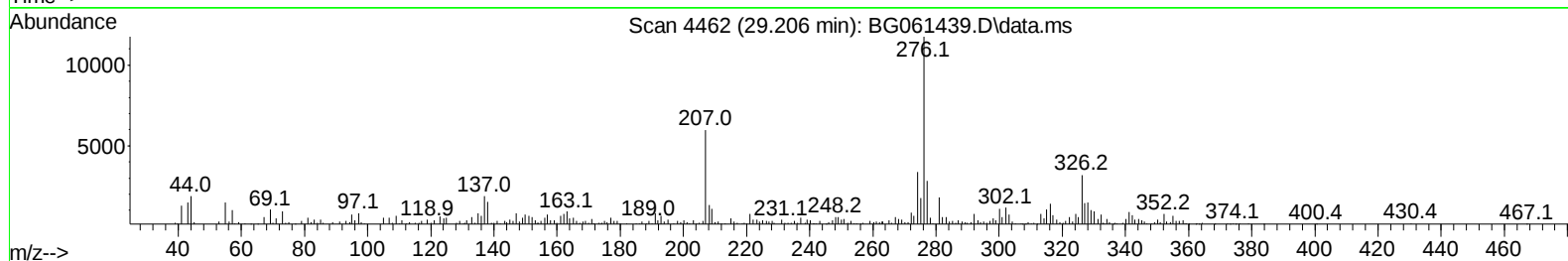
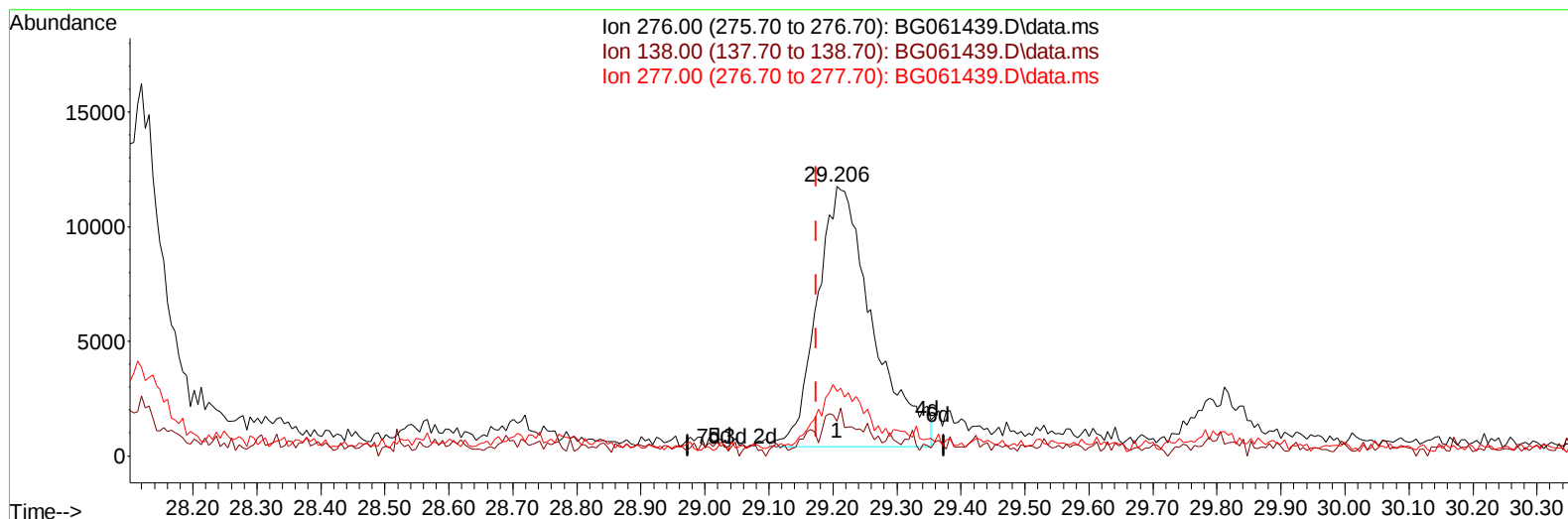
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 02:59:04 2024
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TIC: BG061439.D\data.ms

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

29.206min (+ 0.033) 3.68 ng/u1 m

response 68669

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.93
277.00	22.70	24.03
0.00	0.00	0.00

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Instrument :
 BNA_G
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 BH639

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:00:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	41936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	164137	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	120214	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	275957	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240	295852	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	343357	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	3004	4.009	ng/uL	0.00
4) Pyridine-d5	3.748	84	42446	15.922	ng/ul	0.00
7) Phenol-d5	7.062	99	77409	22.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	49233	22.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	64344	25.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	65103	22.170	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	33952	26.866	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	40416	27.326	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	79513	27.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	72131	19.122	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	254637	27.311	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	276737	28.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	26546	23.030	ng/ul	0.02
60) Fluorene-d10	15.505	176	220992	27.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	32821	19.665	ng/ul	0.02
73) Anthracene-d10	17.361	188	358997	29.508	ng/ul	0.00
81) Pyrene-d10	19.659	212	434217	28.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.400	264	485084	29.386	ng/ul	0.02
Target Compounds						
						Qvalue
72) Phenanthrene	17.303	178	62405m	4.659	ng/ul	
80) Fluoranthene	19.324	202	196017	10.756	ng/ul	98
82) Pyrene	19.682	202	184393	9.748	ng/ul	100
83) Butylbenzylphthalate	20.569	149	14212	2.187	ng/ul	96
85) Benzo(a)anthracene	21.498	228	117138	5.738	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	37819	3.932	ng/ul#	95
87) Chrysene	21.562	228	116061	6.174	ng/ul	98
90) Benzo(b)fluoranthene	23.631	252	158215	7.739	ng/ul#	97
91) Benzo(k)fluoranthene	23.689	252	58927m	2.839	ng/ul	
93) Benzo(a)pyrene	24.465	252	109018	5.616	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.119	276	75205m	3.204	ng/ul	
95) Dibenzo(a,h)anthracene	28.161	278	19809m	1.023	ng/ul	
96) Benzo(g,h,i)perylene	29.206	276	68669m	3.677	ng/ul	

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

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 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:00:07 2024
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