

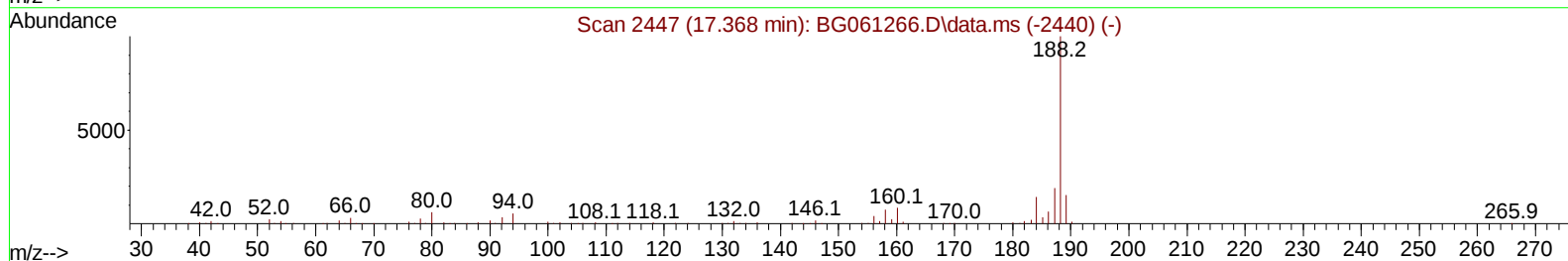
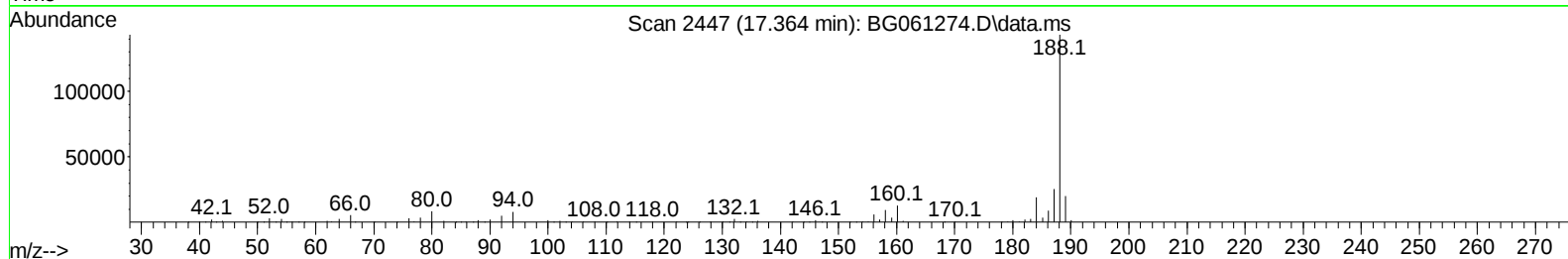
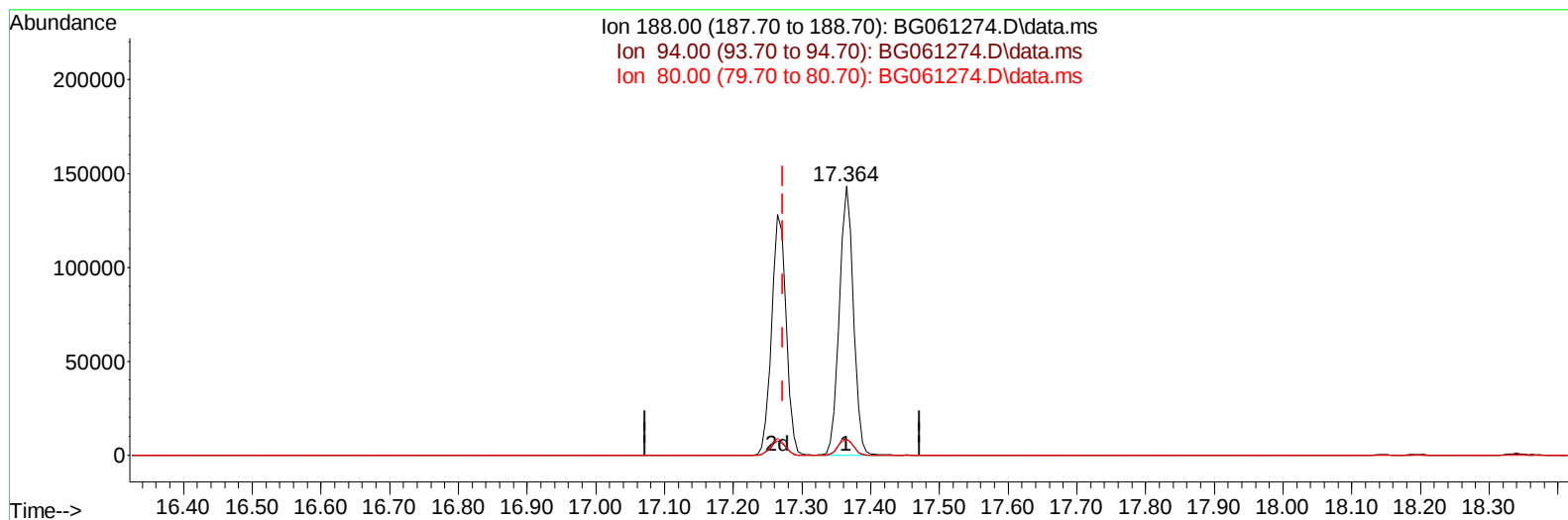
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 00:36:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

(64) Phenanthrene-d10 (I)

17.364min (+ 0.093) 20.00 ng/u1

response 202638

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	4.80	5.69
80.00	6.20	5.94
0.00	0.00	0.00

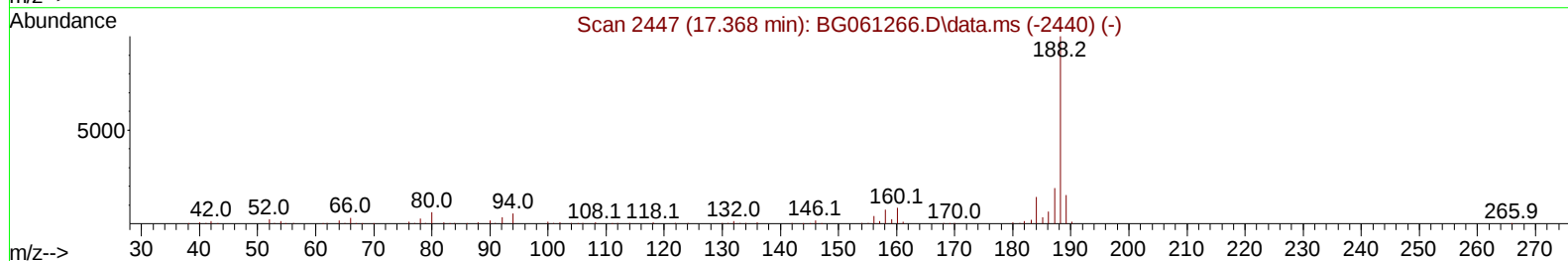
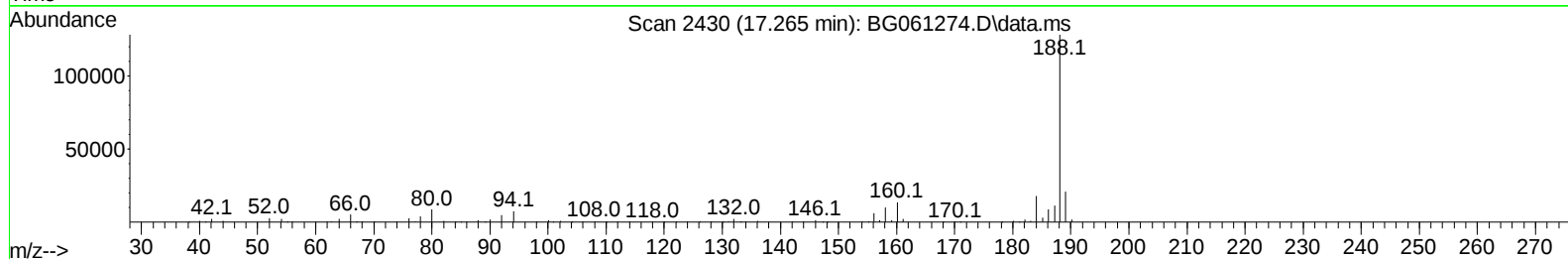
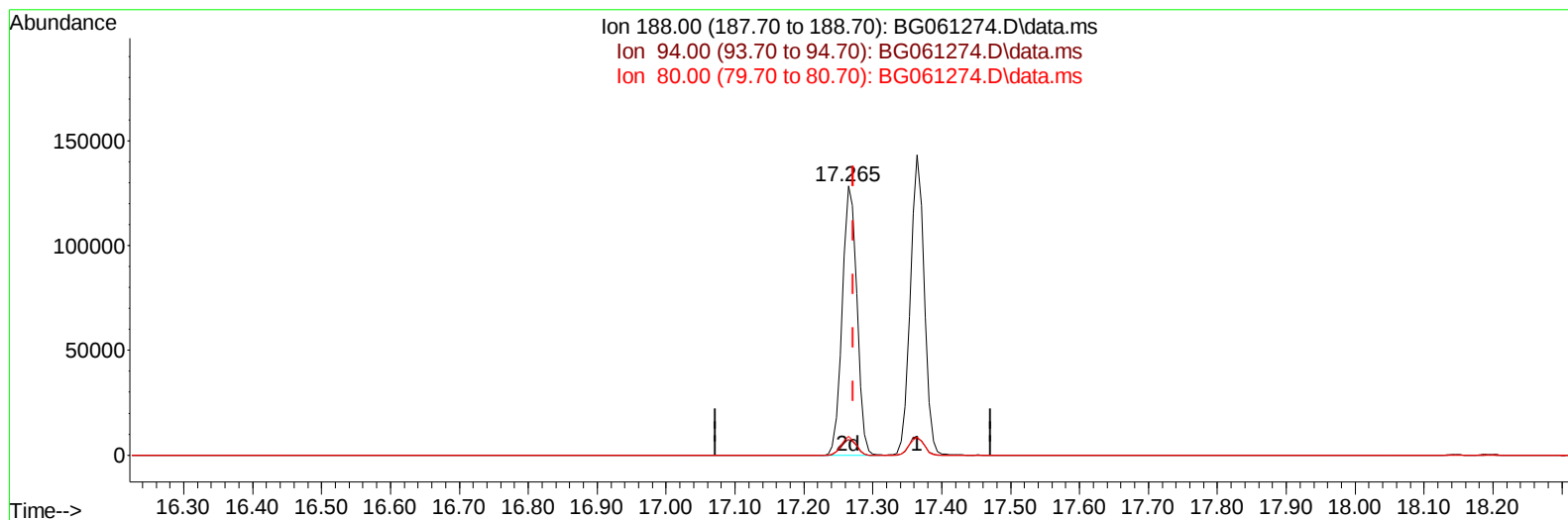
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 00:36:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061274.D\data.ms

(64) Phenanthrene-d10 (I)

17.265min (-0.007) 20.00 ng/u1 m

response 188729

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	4.80	5.88#
80.00	6.20	6.88
0.00	0.00	0.00

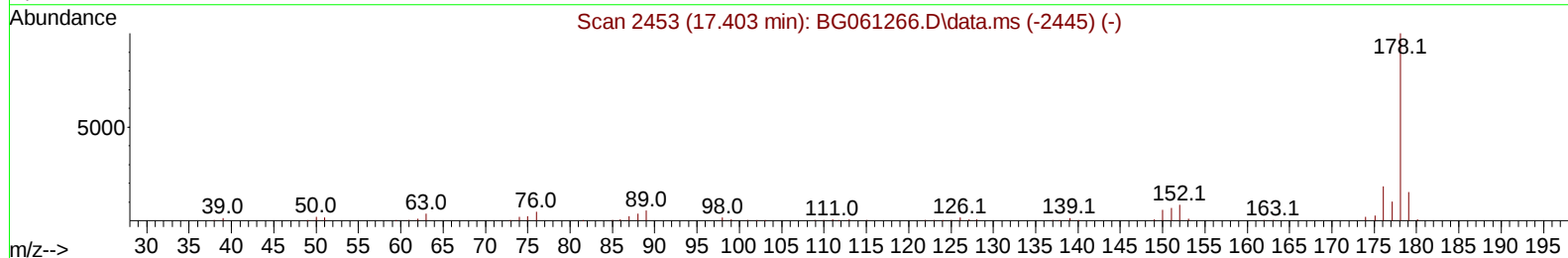
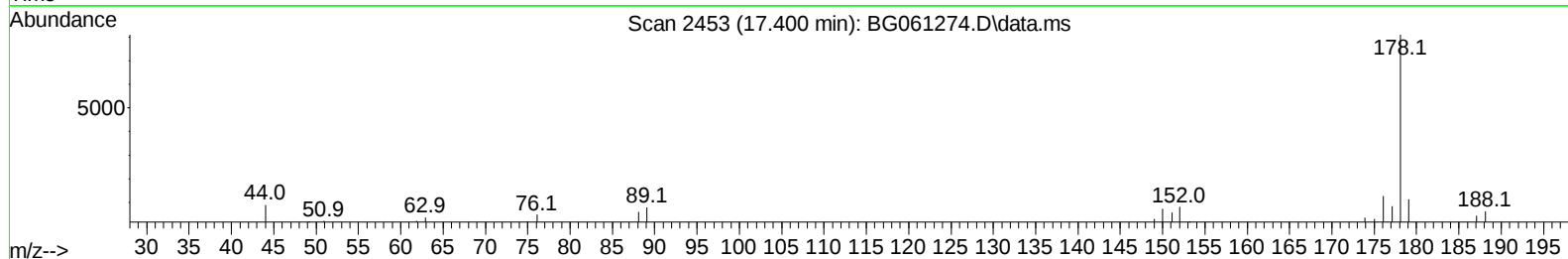
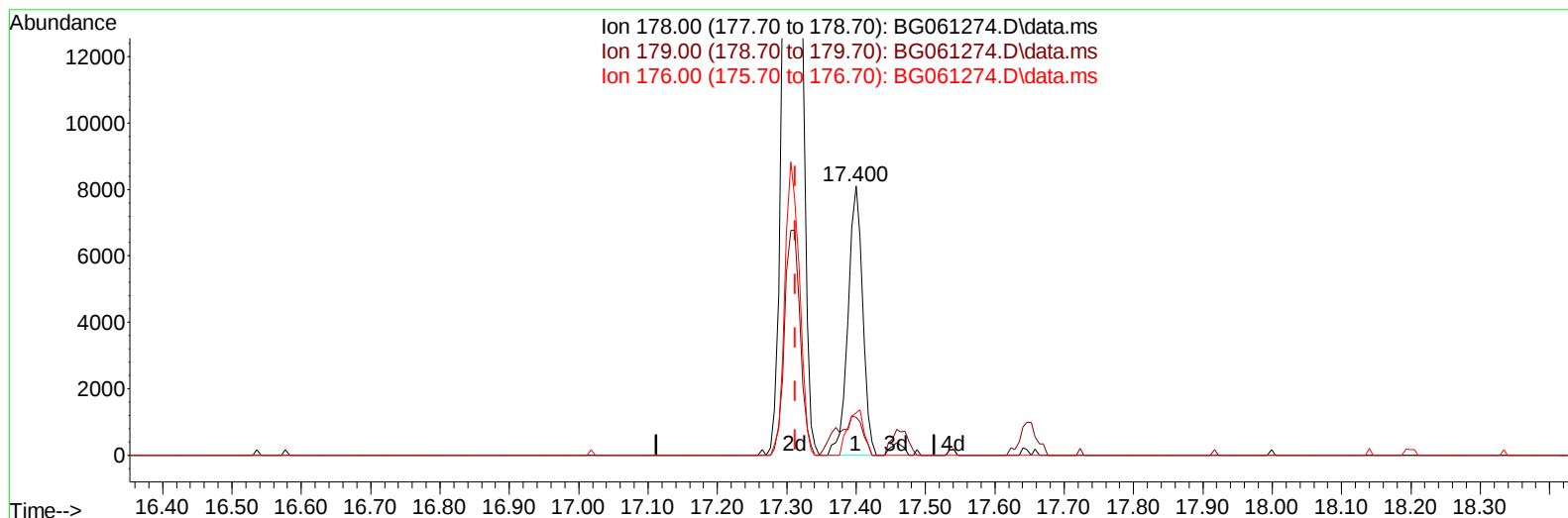
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:18:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

(72) Phenanthrene

17.400min (+ 0.087) 1.29 ng/u1

response 11804

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	13.96
176.00	19.40	15.60
0.00	0.00	0.00

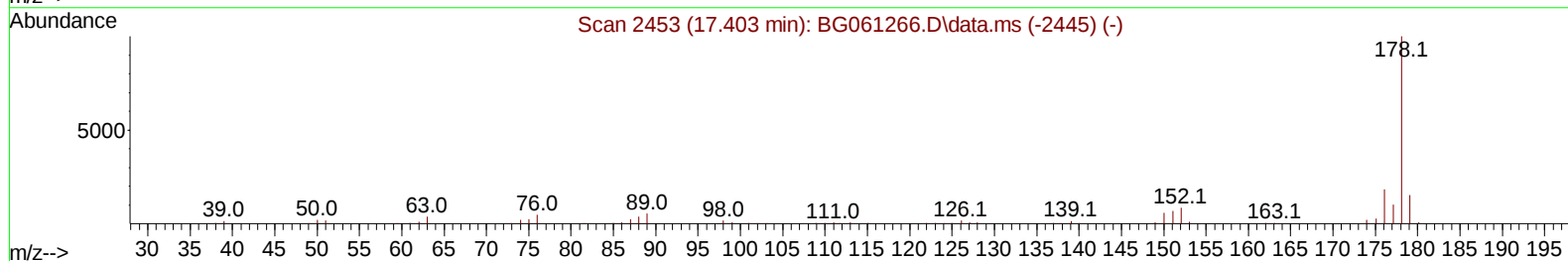
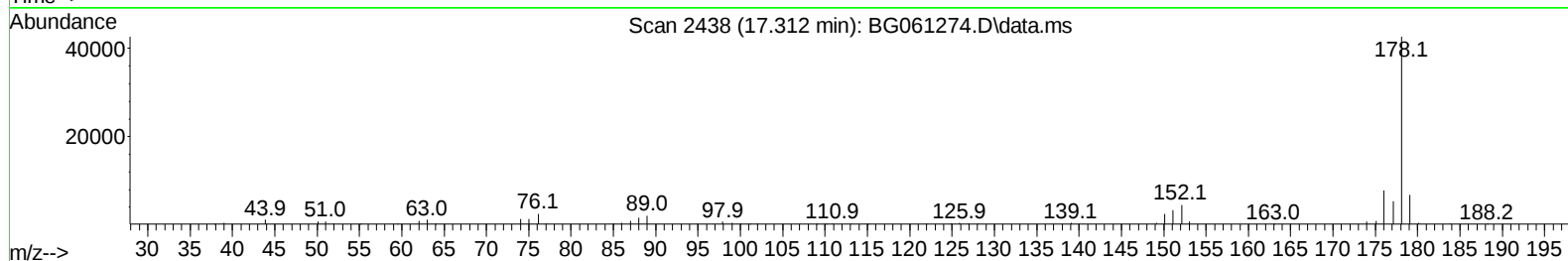
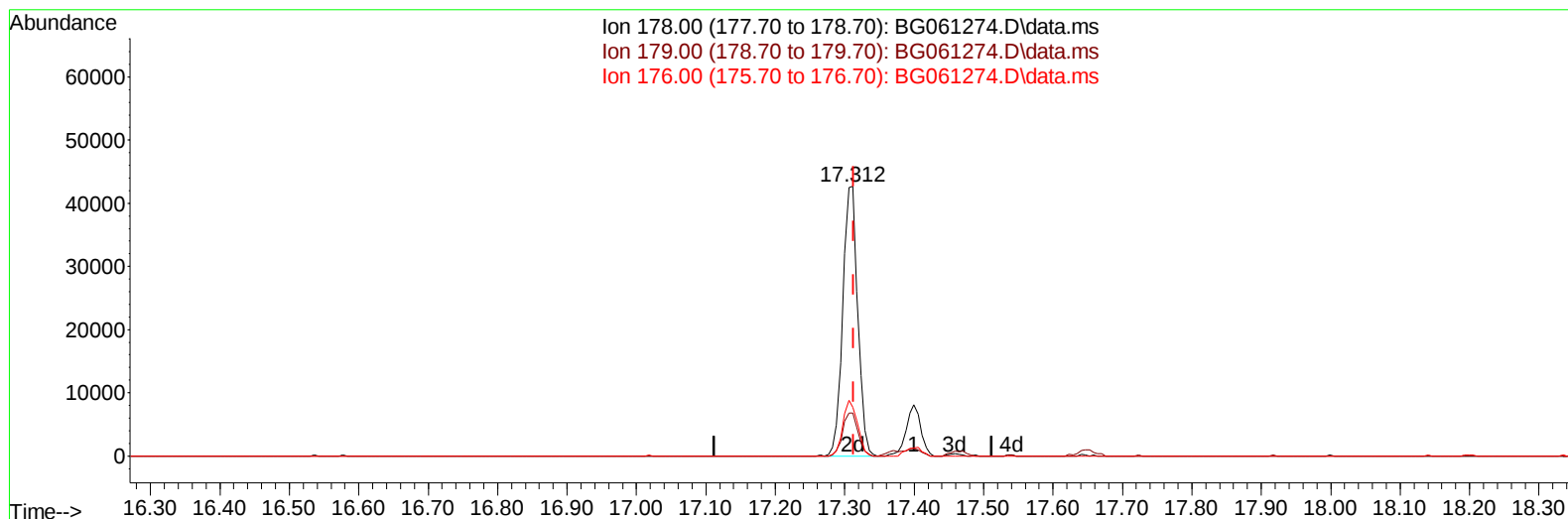
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:18:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

(72) Phenanthrene

17.312min (-0.001) 7.02 ng/u1 m

response 64327

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.86
176.00	19.40	18.12
0.00	0.00	0.00

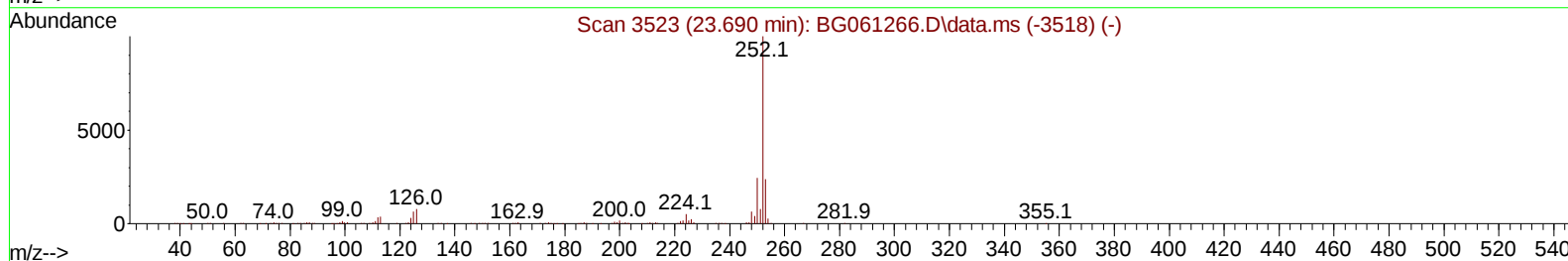
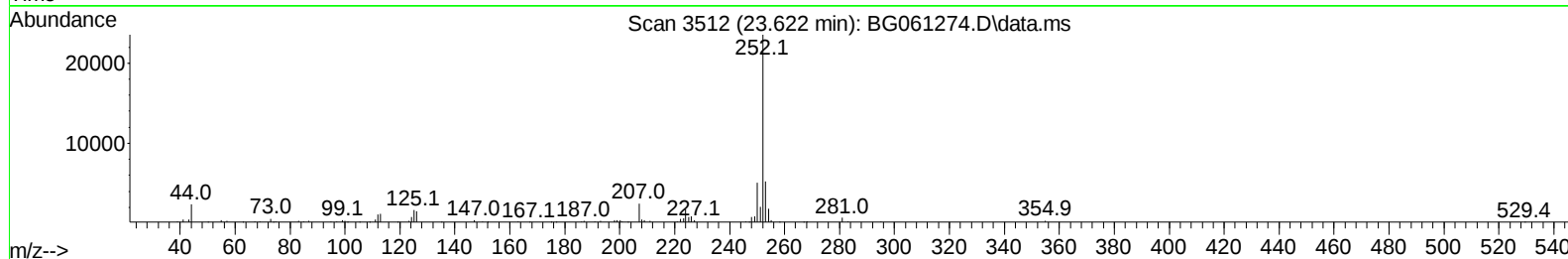
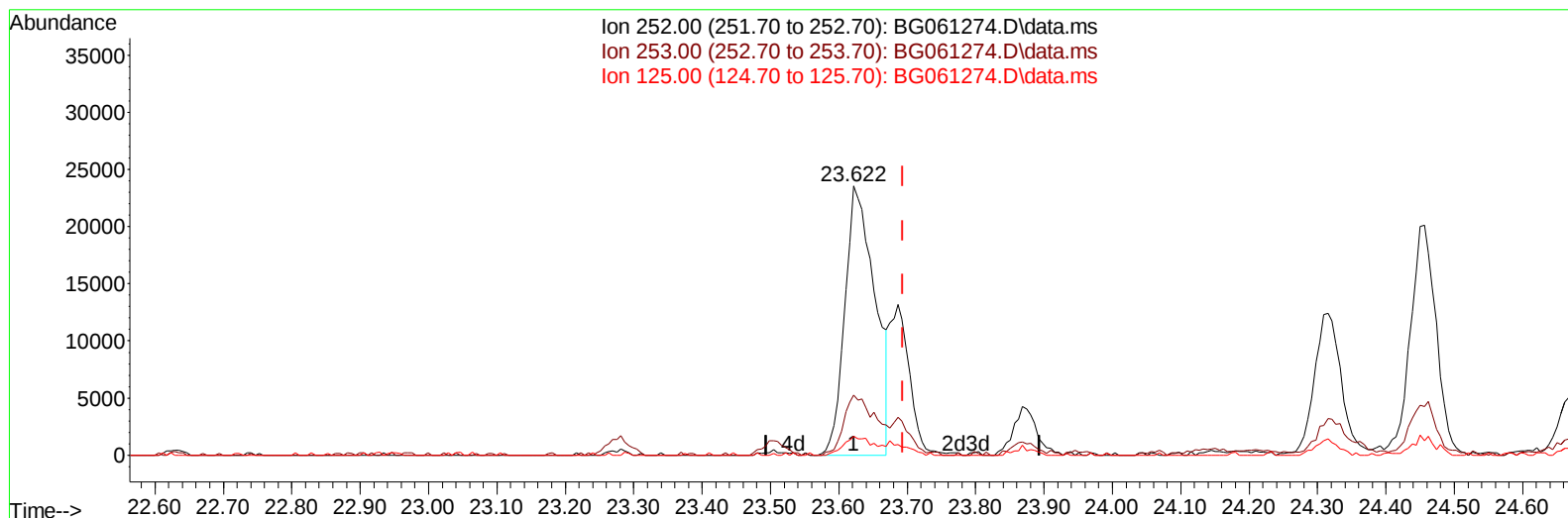
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:18:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

(91) Benzo(k)fluoranthene

23.622min (-0.072) 5.61 ng/u1

response 71920

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.20
125.00	5.40	6.97#
0.00	0.00	0.00

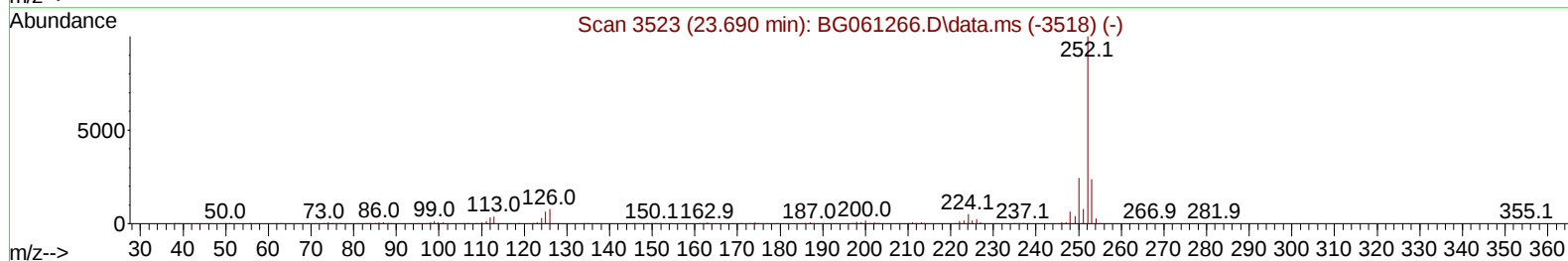
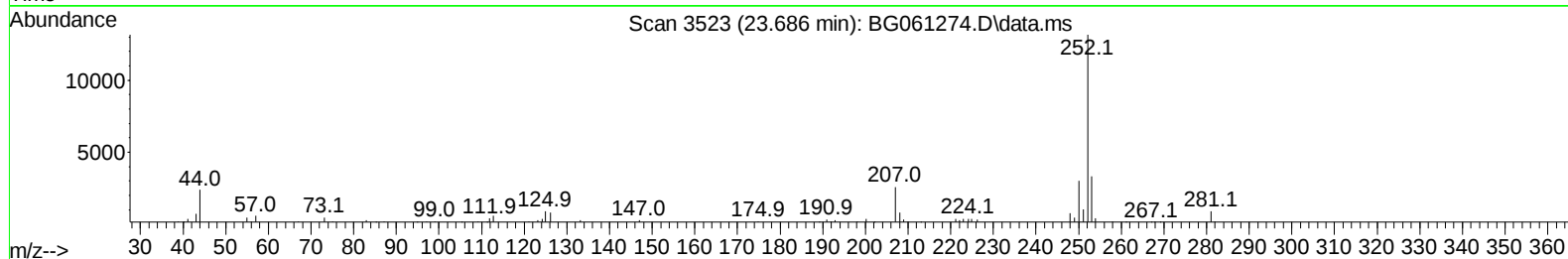
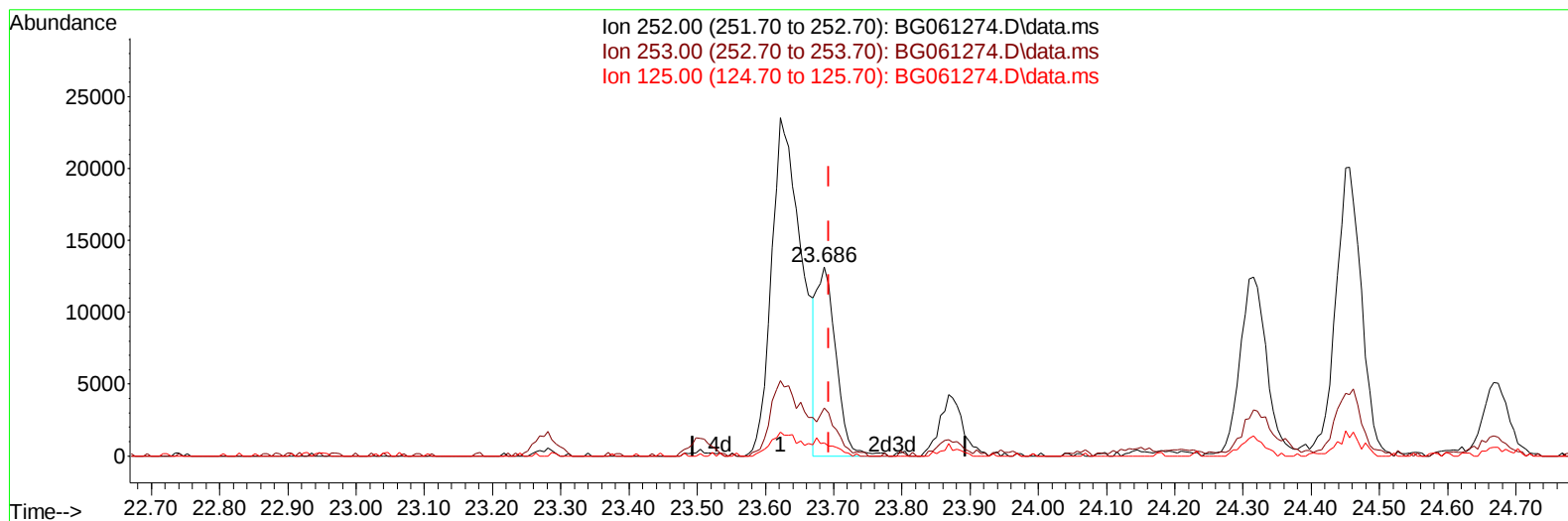
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:18:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration



TIC: BG061274.D\data.ms

(91) Benzo(k)fluoranthene

23.686min (-0.007) 2.06 ng/u1 m

response 26439

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	25.33#
125.00	5.40	6.80#
0.00	0.00	0.00

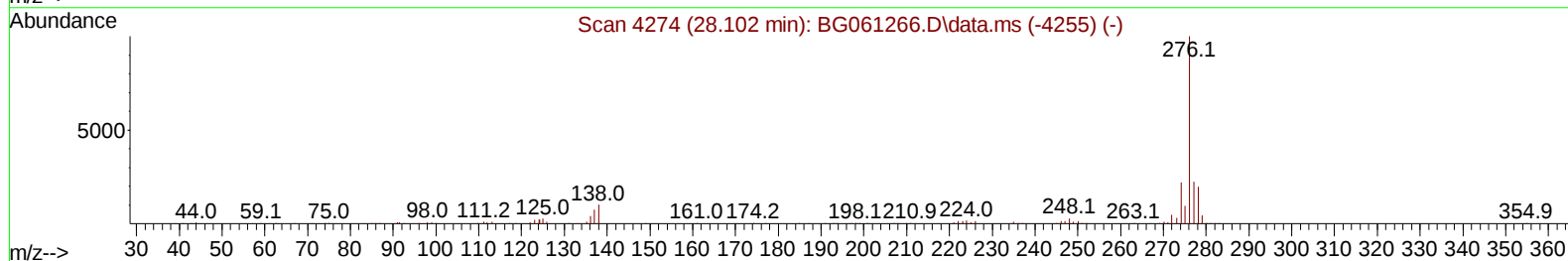
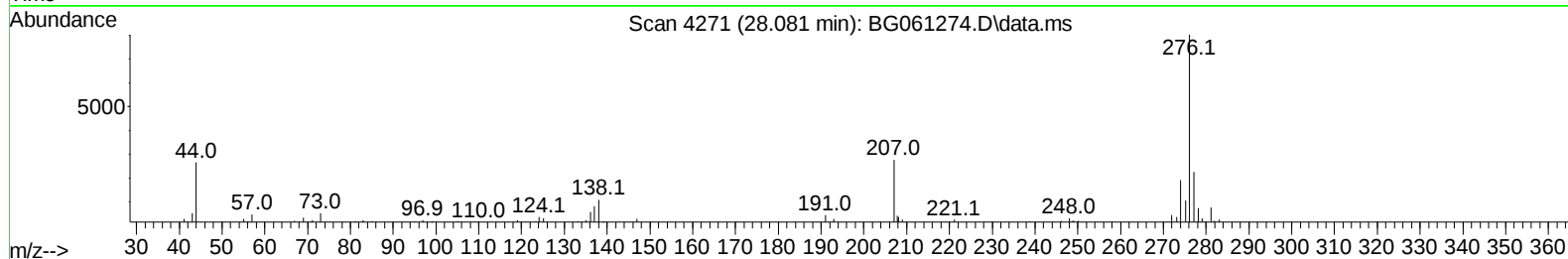
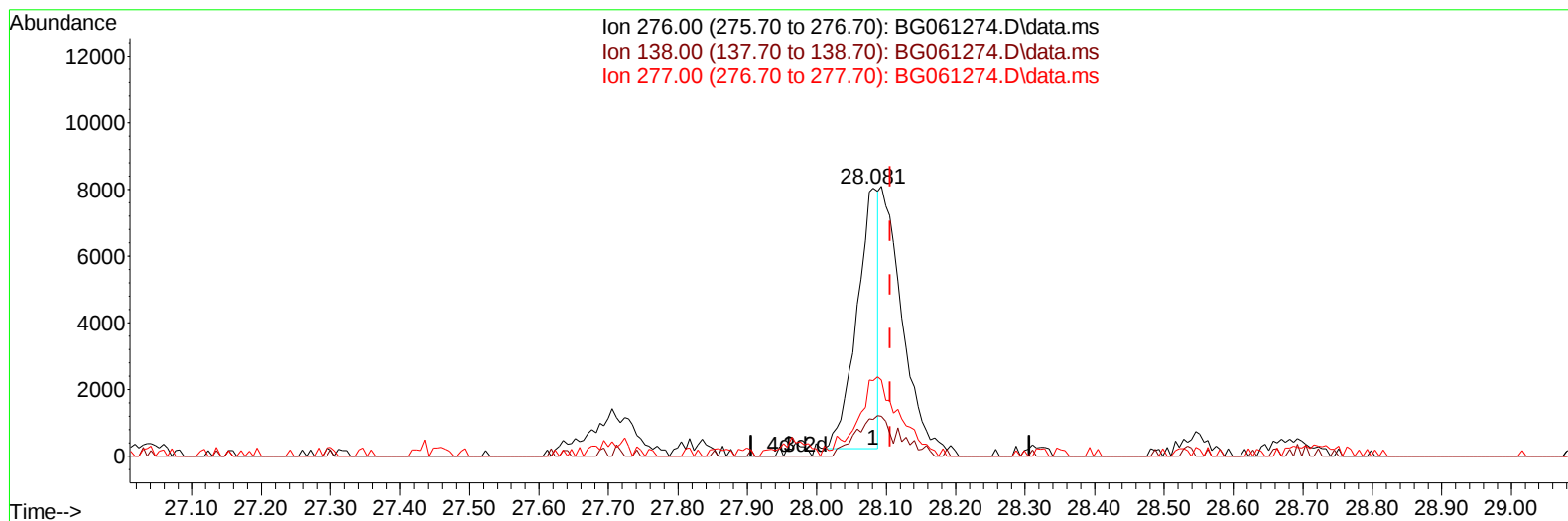
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:18:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

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

28.081min (-0.025) 1.16 ng/u1

response 16813

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.64#
277.00	24.60	28.11
0.00	0.00	0.00

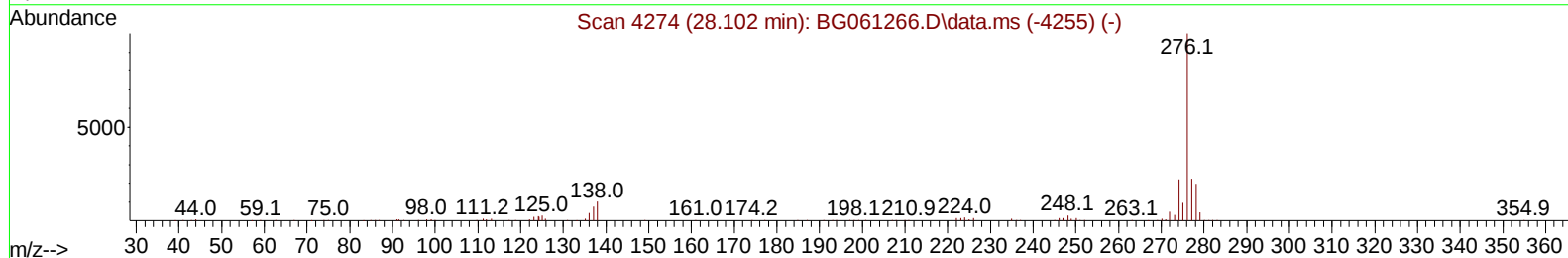
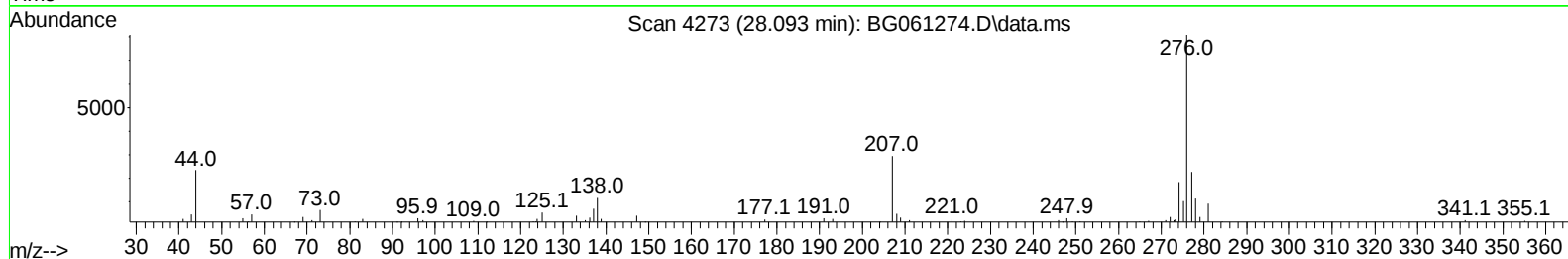
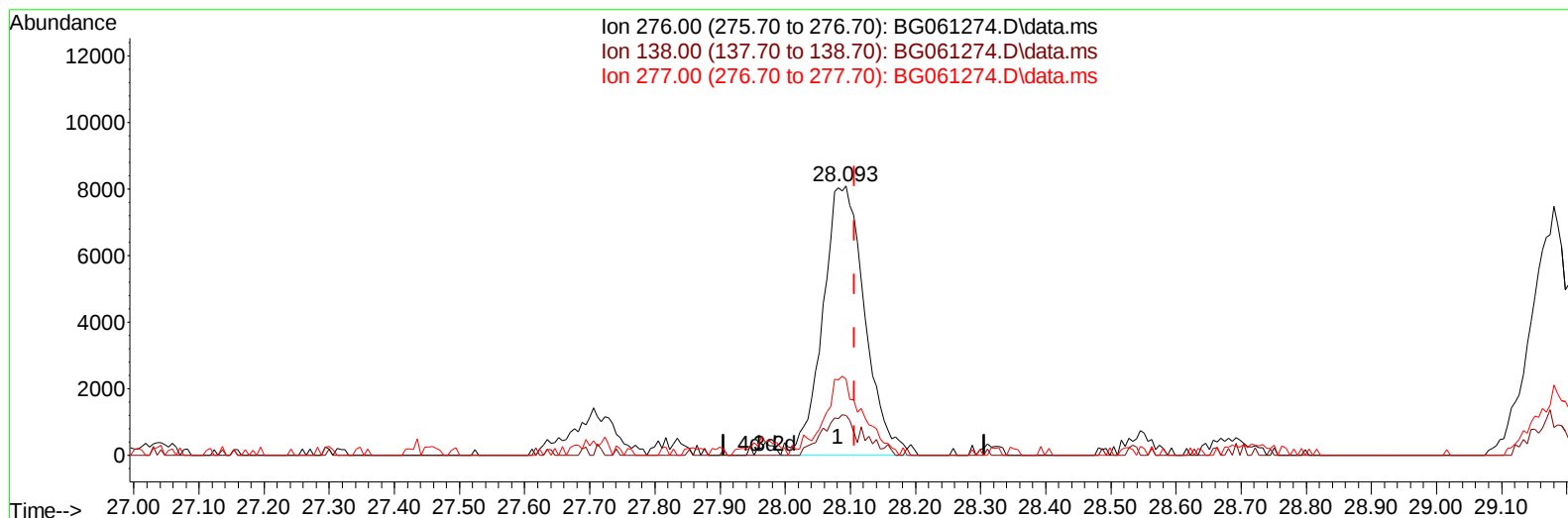
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:18:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061274.D\data.ms

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

28.093min (-0.013) 2.51 ng/u1 m

response 36429

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.66#
277.00	24.60	28.22
0.00	0.00	0.00

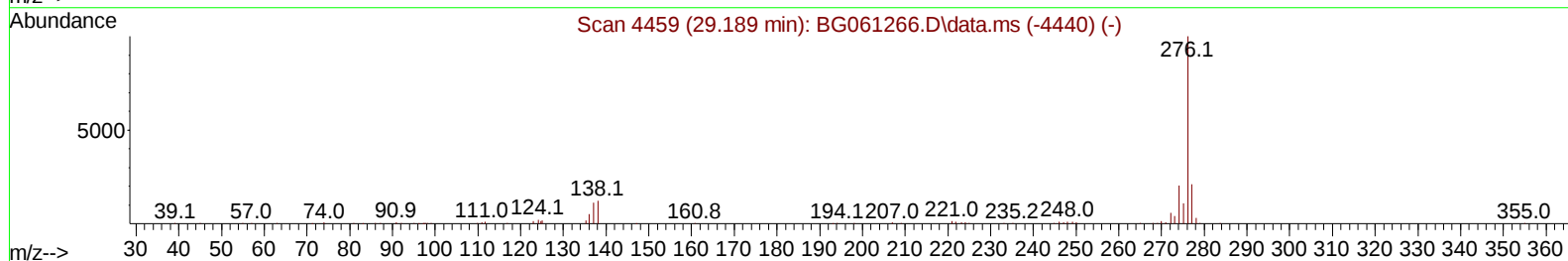
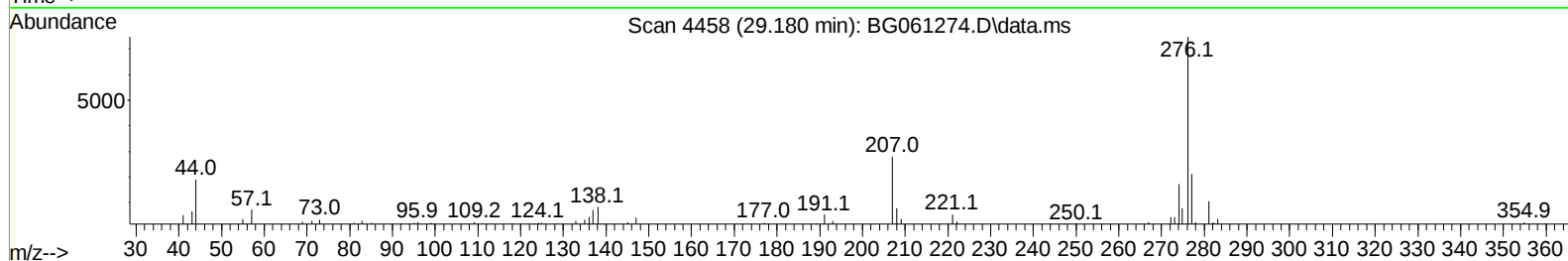
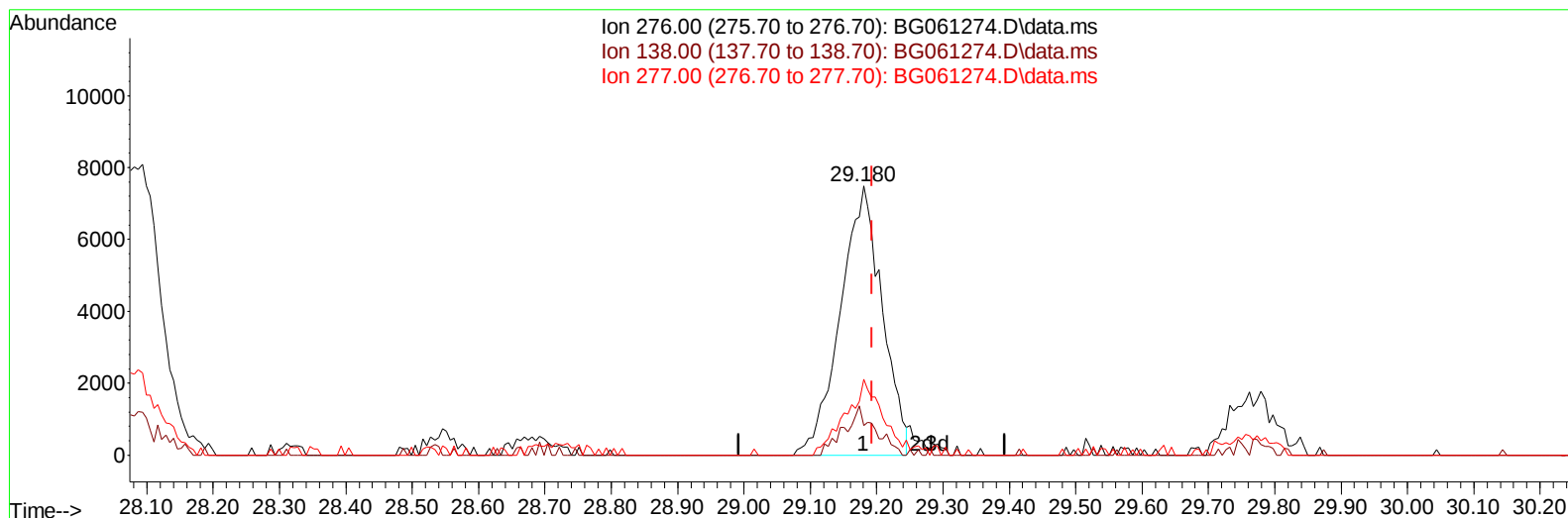
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:19:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061274.D\data.ms

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

29.180min (-0.013) 2.83 ng/u1

response 32643

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.02
277.00	22.70	28.21#
0.00	0.00	0.00

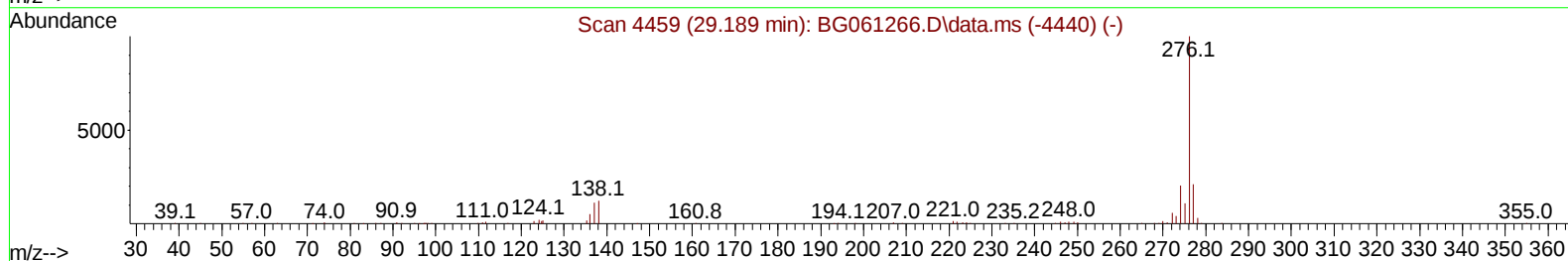
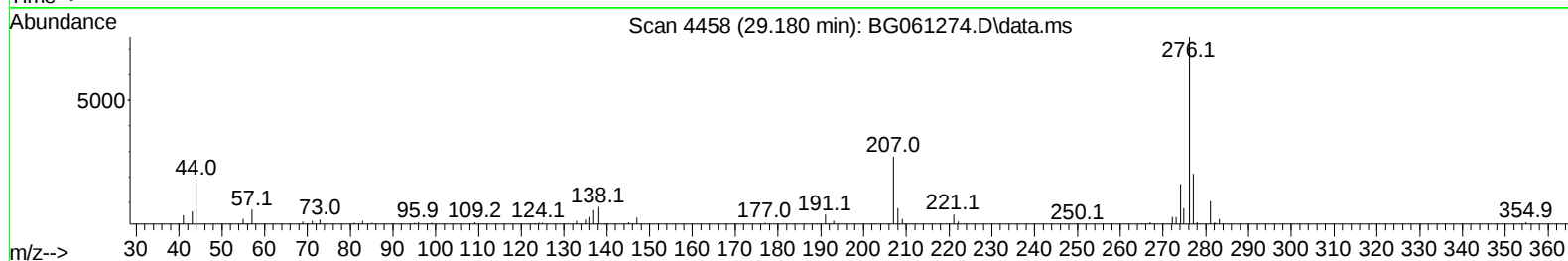
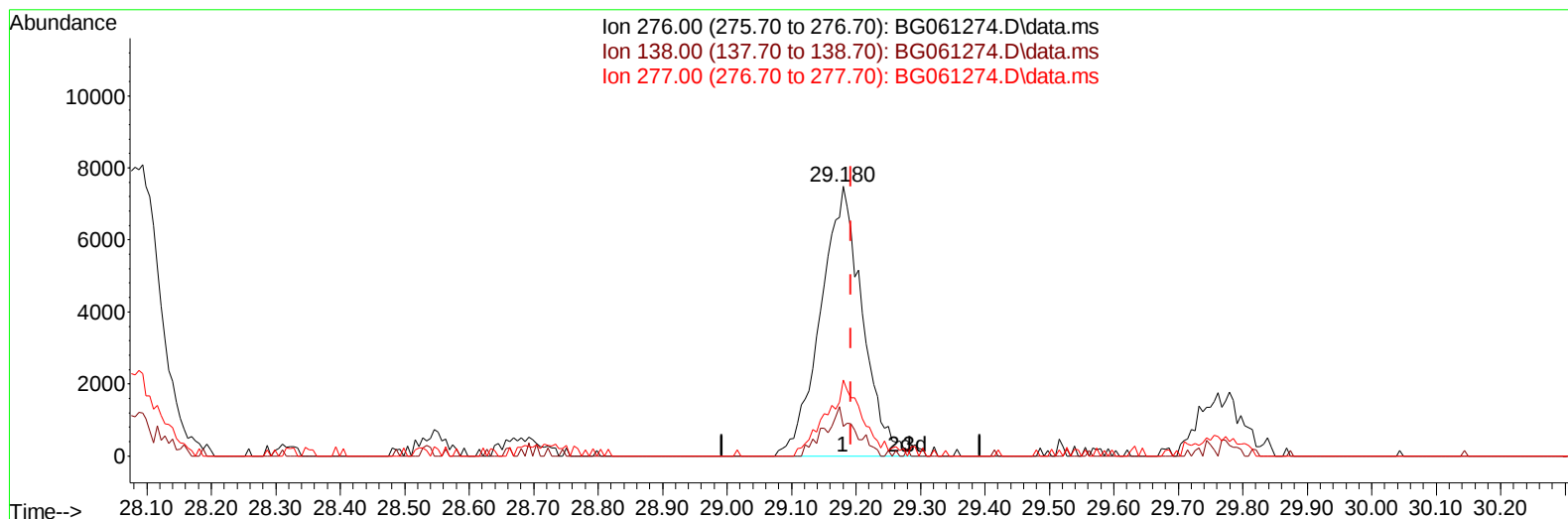
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:19:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BG061274.D\data.ms

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

29.180min (-0.013) 2.94 ng/ul m

response 33839

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.02
277.00	22.70	28.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:19:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	19077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	82159	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.521	164	73283	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	188729m	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	195303	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	211928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1411	4.139	ng/uL	0.00
4) Pyridine-d5	3.745	84	20346	16.777	ng/ul	0.00
7) Phenol-d5	7.065	99	29641	18.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	20370	20.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	23253	20.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	26399	19.762	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	12635	19.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	14869	20.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	29779	20.633	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	39305	20.816	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	123765	21.776	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	128741	21.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	14532	20.681	ng/ul	0.00
60) Fluorene-d10	15.514	176	112724	22.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	19371	16.970	ng/ul	0.00
73) Anthracene-d10	17.364	188	201993	24.277	ng/ul	0.00
81) Pyrene-d10	19.656	212	247690	24.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	249412	24.479	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.312	178	64327m	7.023	ng/ul	
74) Anthracene	17.400	178	11804	1.246	ng/ul	95
80) Fluoranthene	19.321	202	124236	10.327	ng/ul	99
82) Pyrene	19.685	202	107087	8.576	ng/ul	100
85) Benzo(a)anthracene	21.495	228	59930	4.447	ng/ul	96
87) Chrysene	21.560	228	56414	4.546	ng/ul	95
90) Benzo(b)fluoranthene	23.622	252	71920	5.700	ng/ul#	99
91) Benzo(k)fluoranthene	23.686	252	26439m	2.064	ng/ul	
93) Benzo(a)pyrene	24.456	252	52679	4.397	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	36429m	2.514	ng/ul	
96) Benzo(g,h,i)perylene	29.180	276	33839m	2.936	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual IntegrationsAPPROVED

Quant Time: May 24 01:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

