

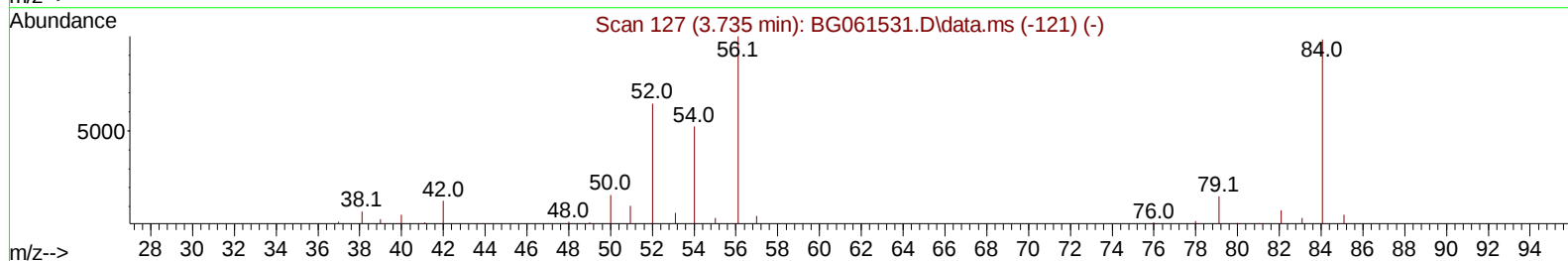
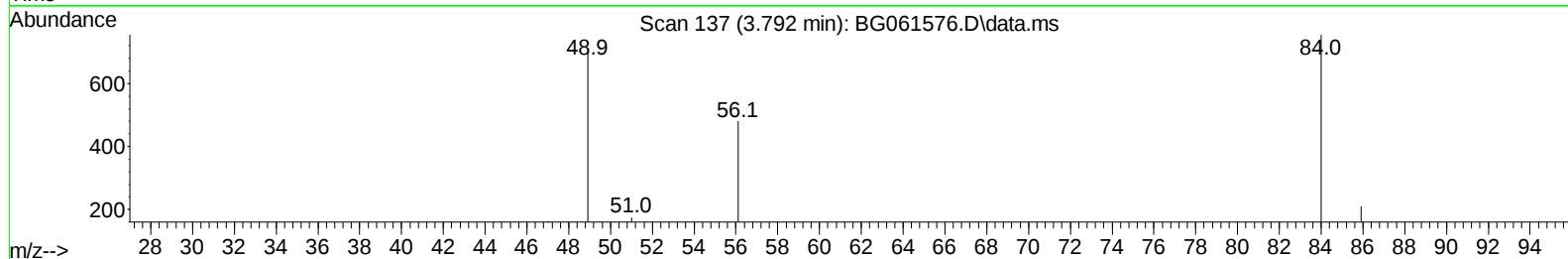
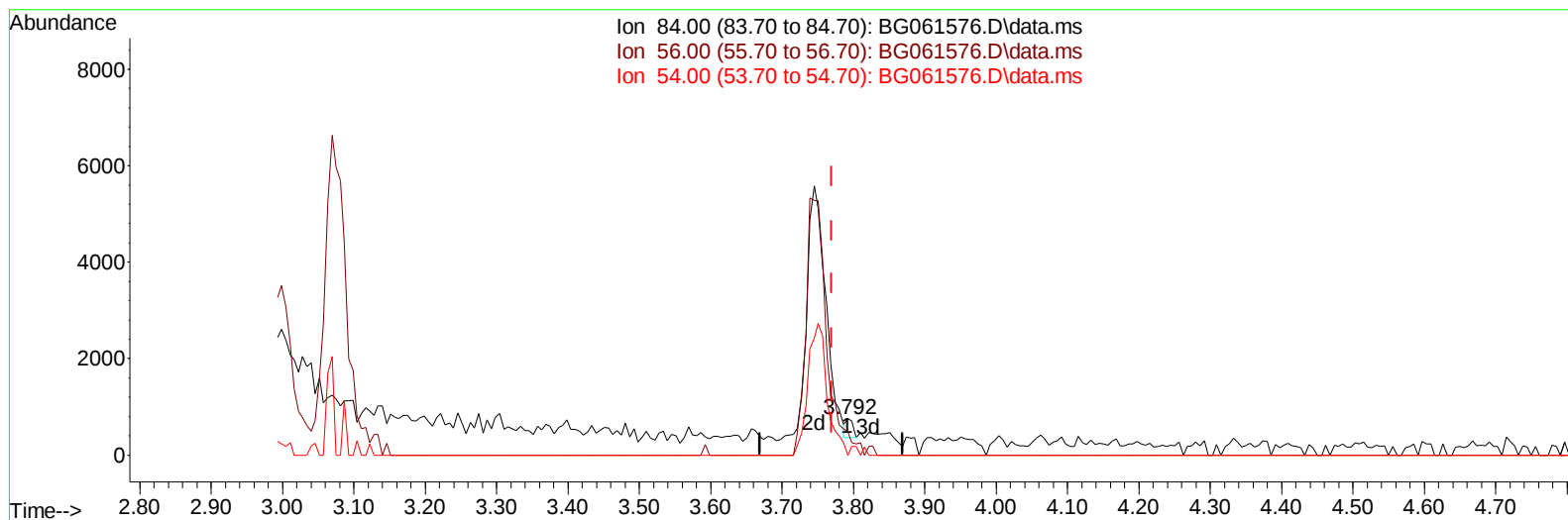
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:53:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(4) Pyridine-d5 (S)

3.792min (+ 0.023) 0.15 ng/u1

response 261

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	63.58#
54.00	57.50	0.00#
0.00	0.00	0.00

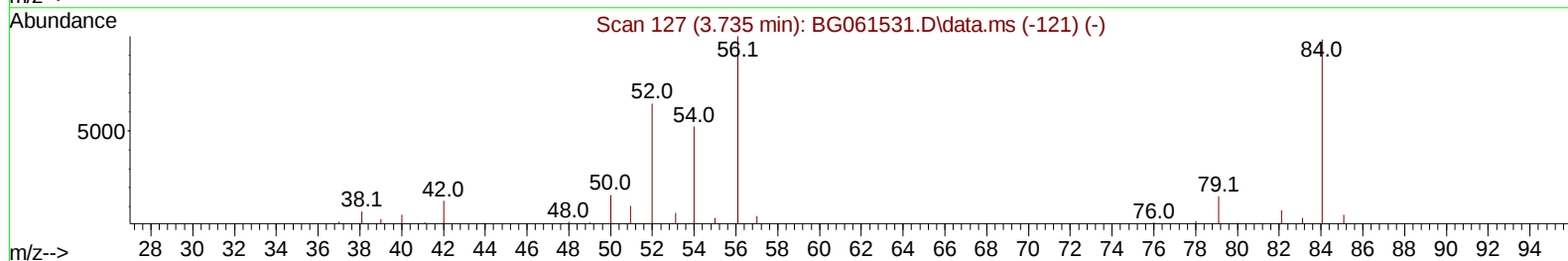
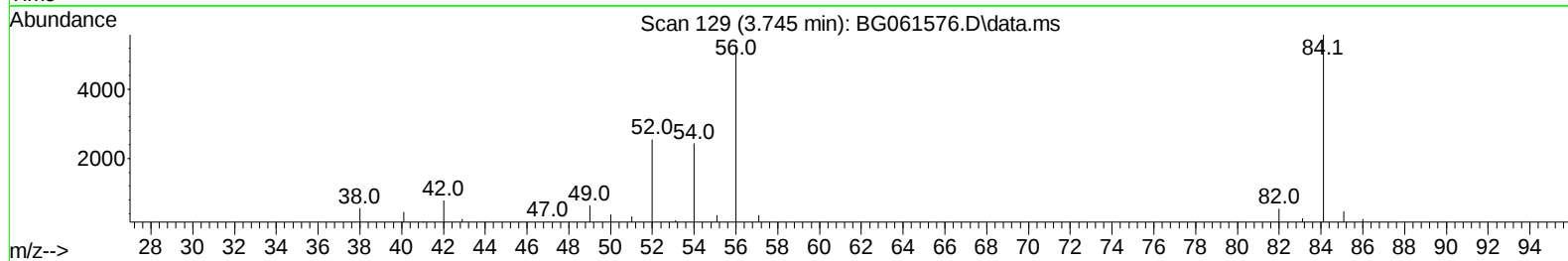
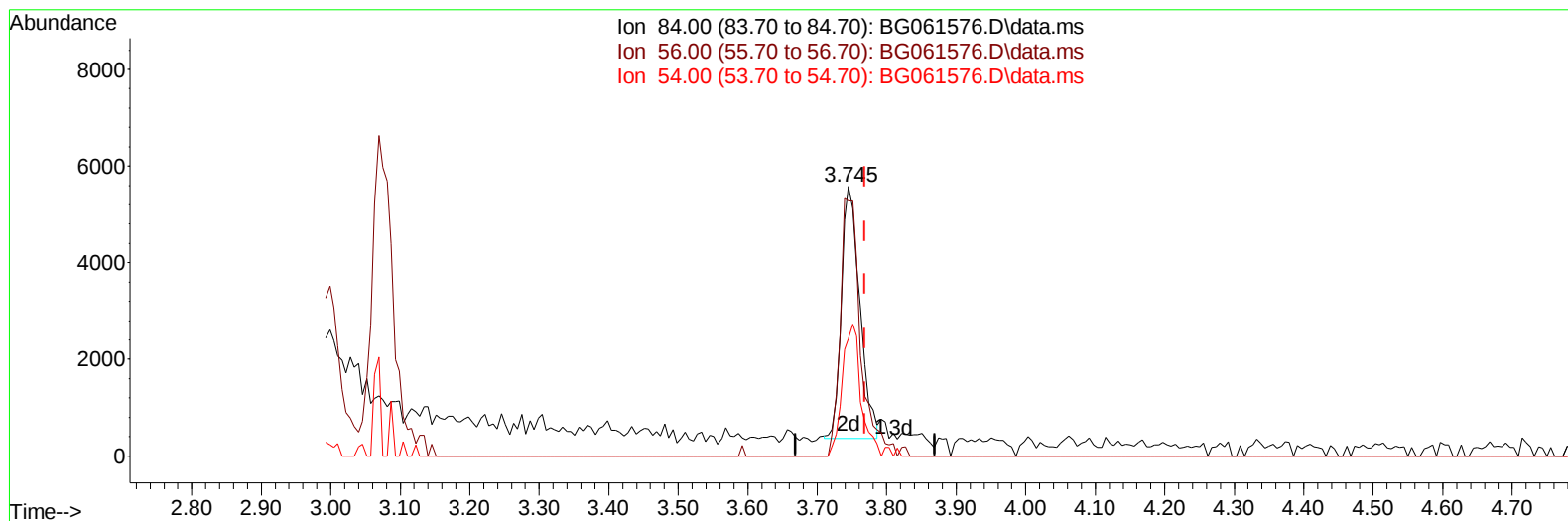
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:53:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(4) Pyridine-d5 (S)

3.745min (-0.024) 5.35 ng/ul m

response 9567

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	94.73
54.00	57.50	43.54#
0.00	0.00	0.00

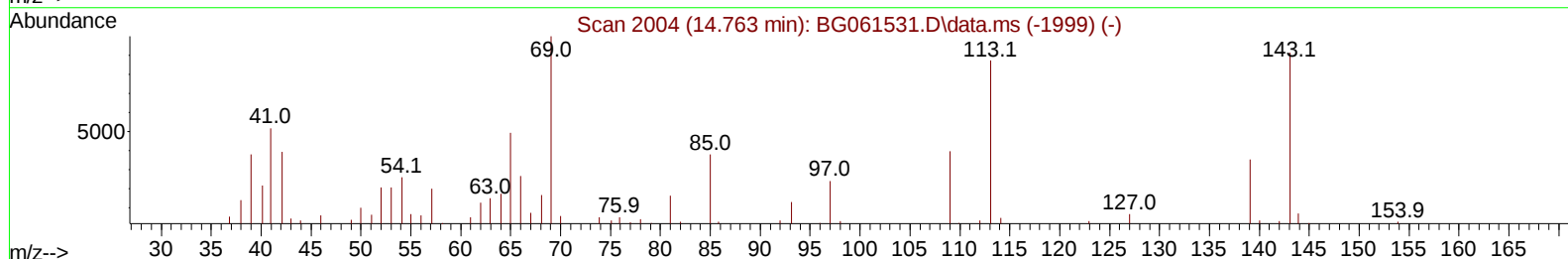
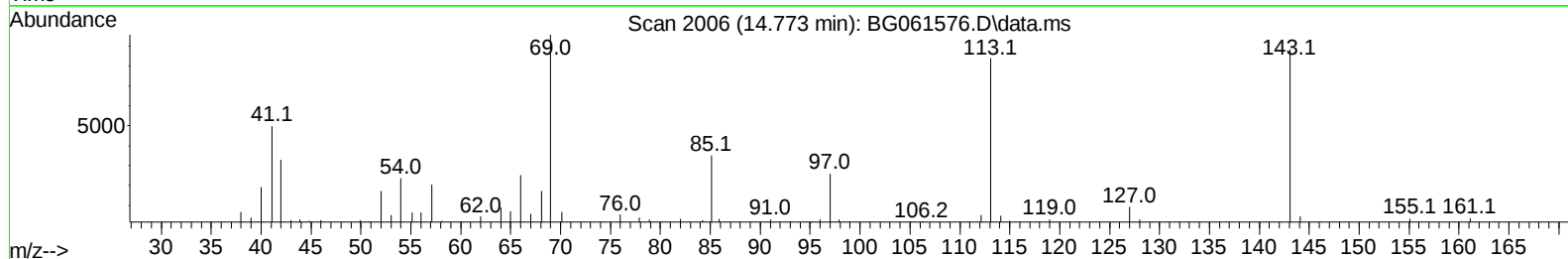
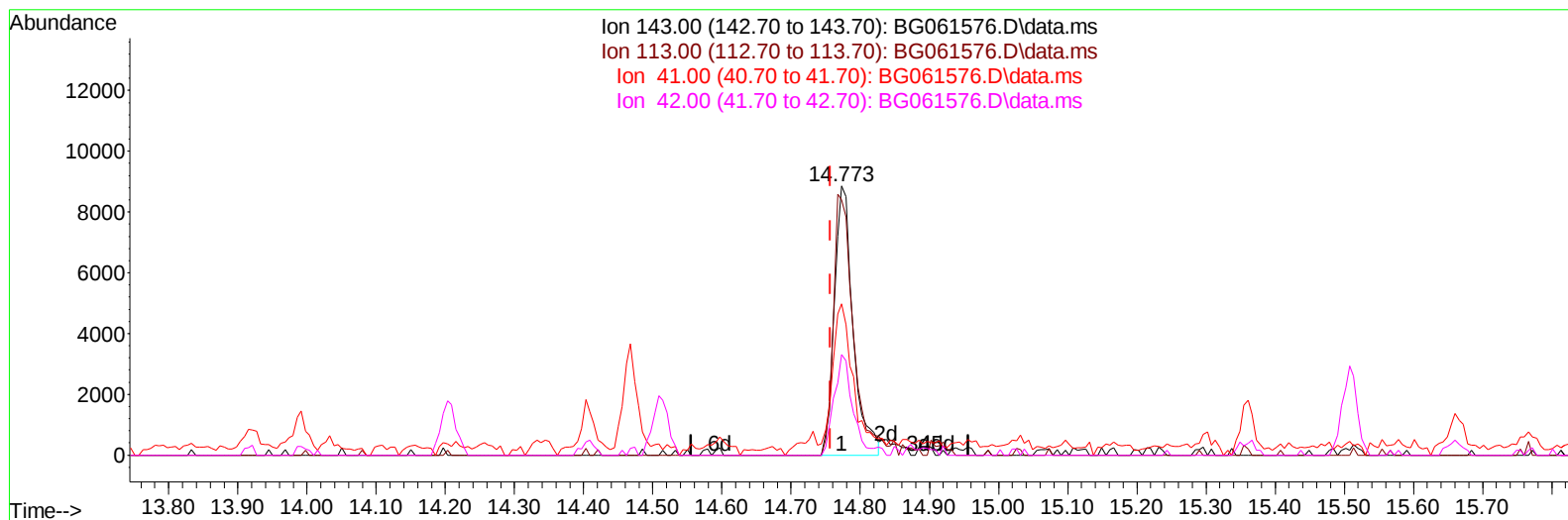
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:53:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.773min (+ 0.017) 21.41 ng/u1

response 16567

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	94.93#
41.00	77.10	56.36#
42.00	49.50	37.31#

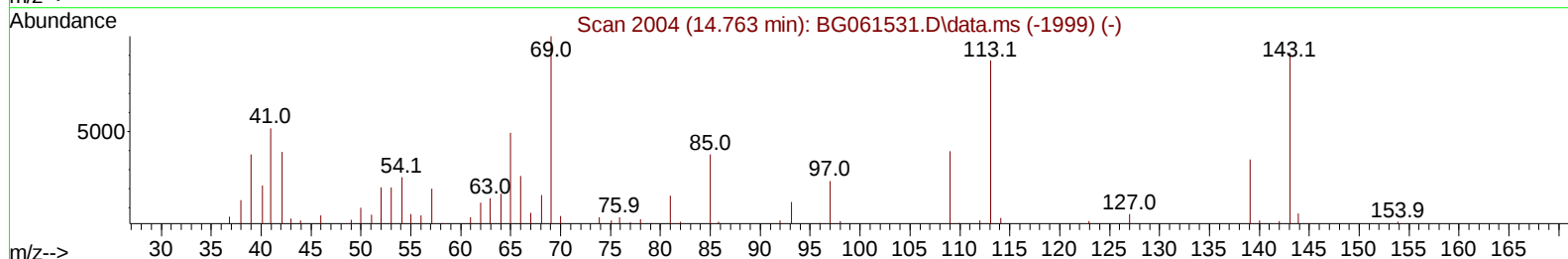
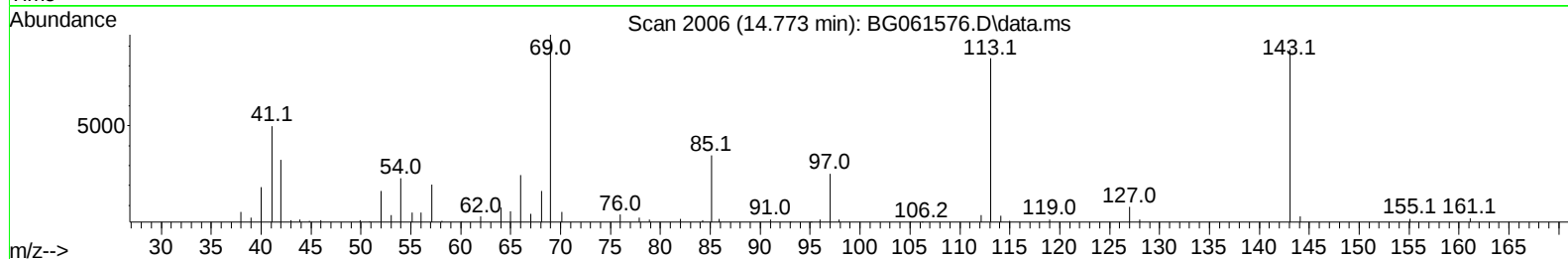
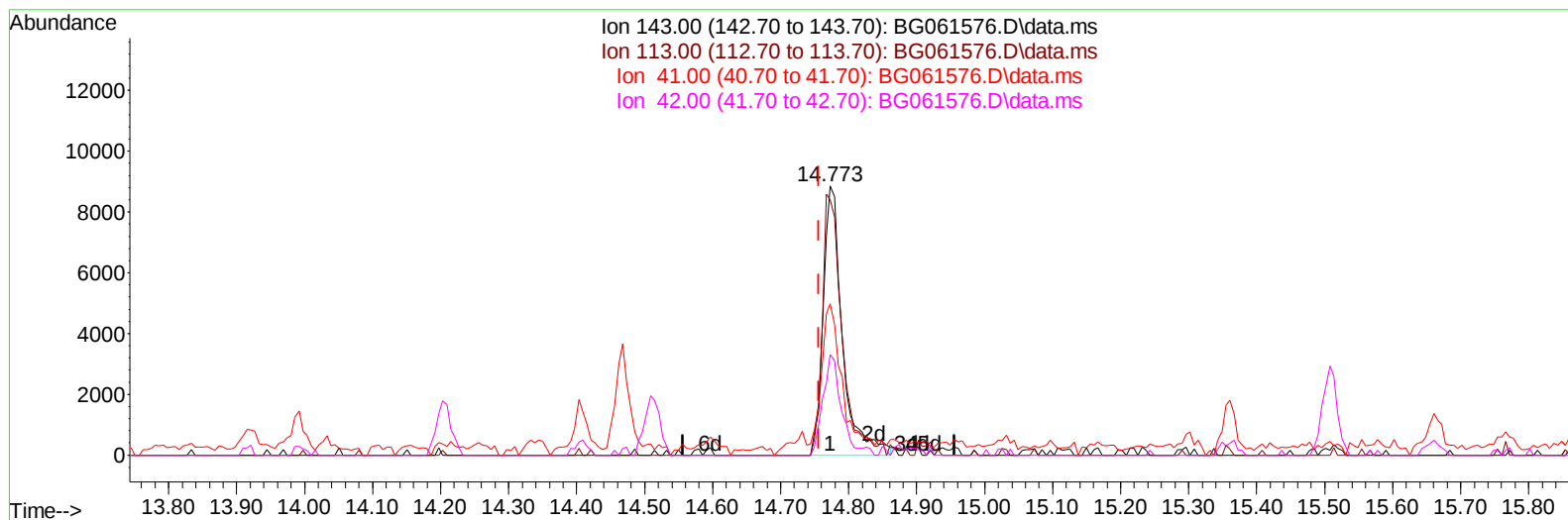
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:53:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.773min (+ 0.017) 22.46 ng/ul m

response 17376

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	94.93#
41.00	77.10	56.36#
42.00	49.50	37.31#

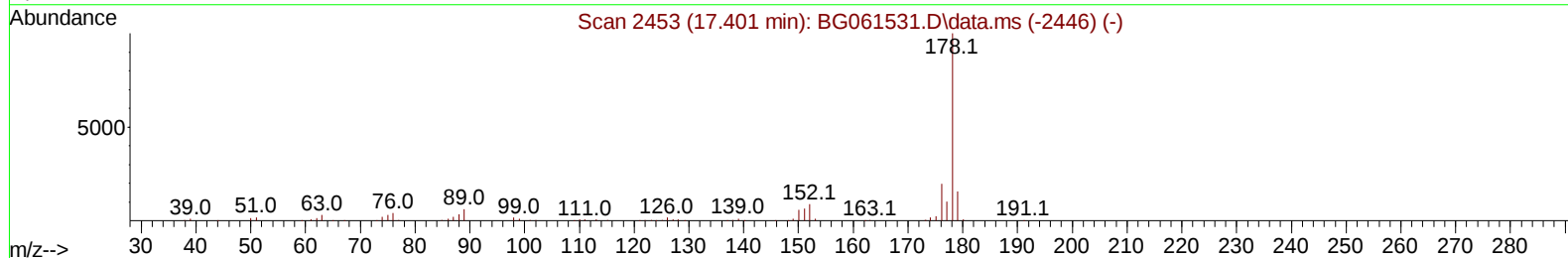
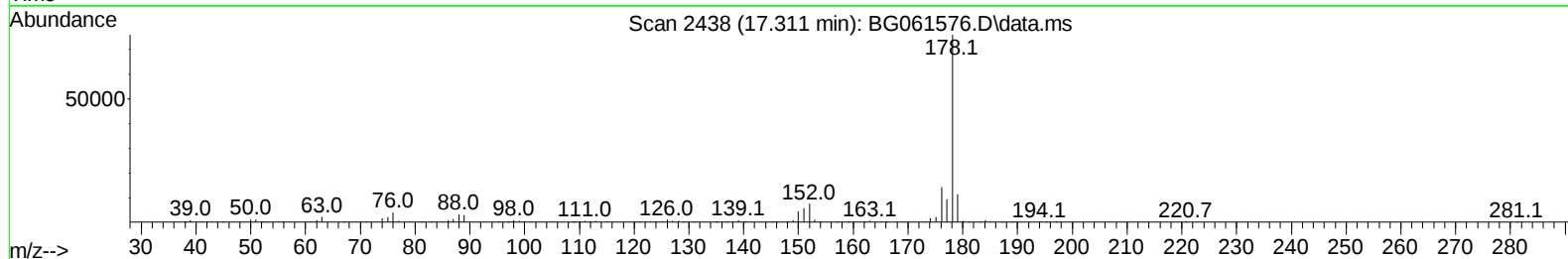
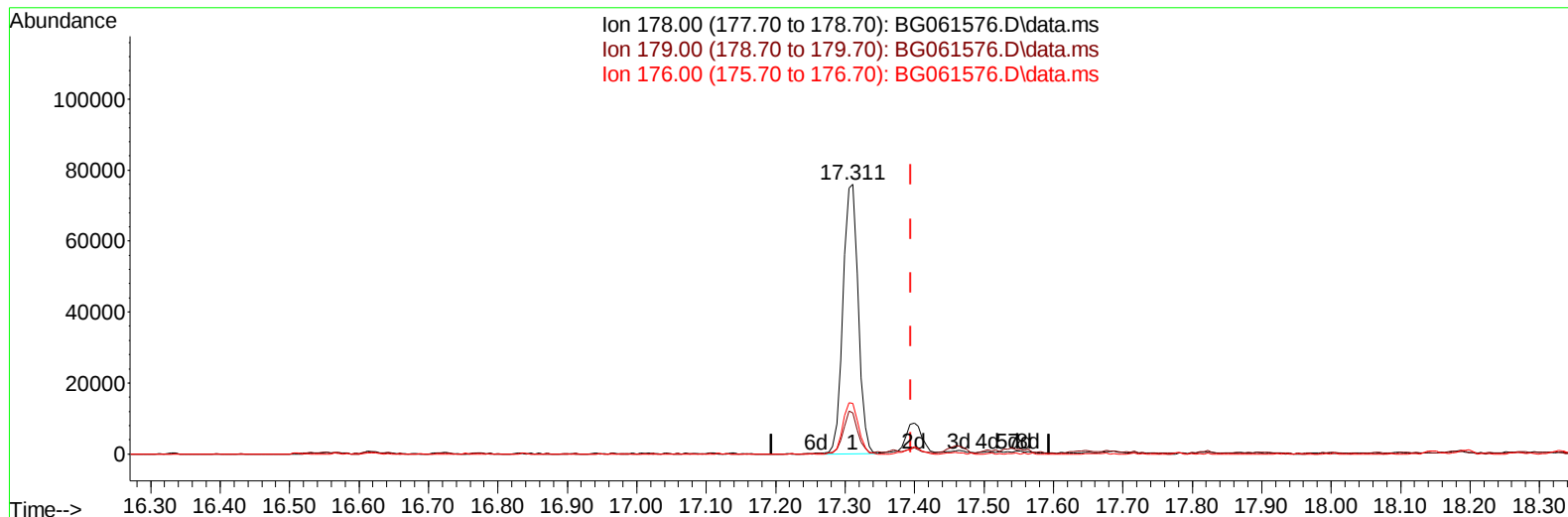
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(74) Anthracene

17.311min (-0.083) 11.98 ng/u1

response 114935

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	15.11
176.00	18.60	18.69
0.00	0.00	0.00

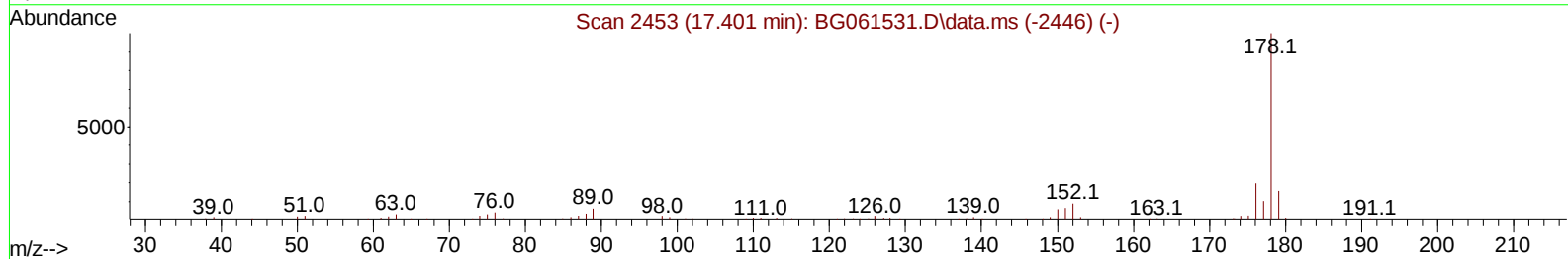
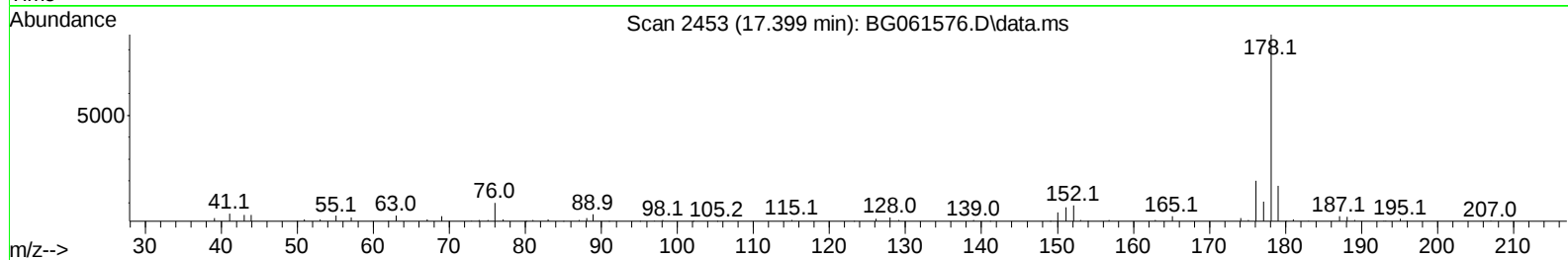
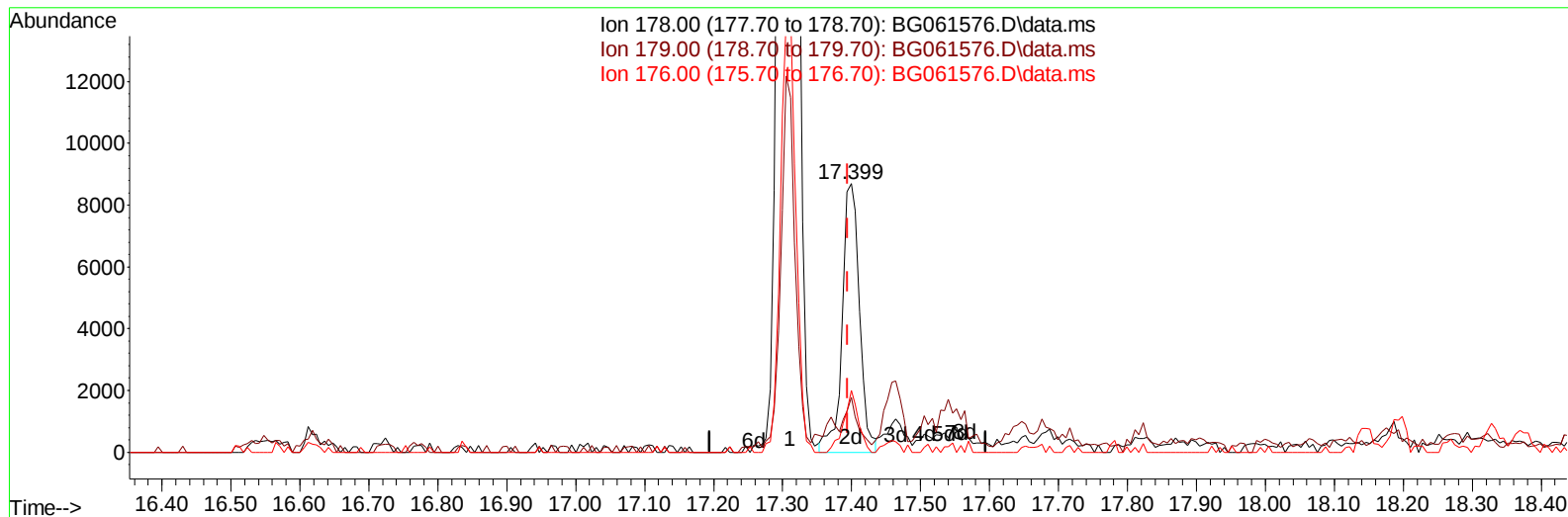
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(74) Anthracene

17.399min (+ 0.005) 1.58 ng/u1 m

response 15154

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	20.34#
176.00	18.60	23.01#
0.00	0.00	0.00

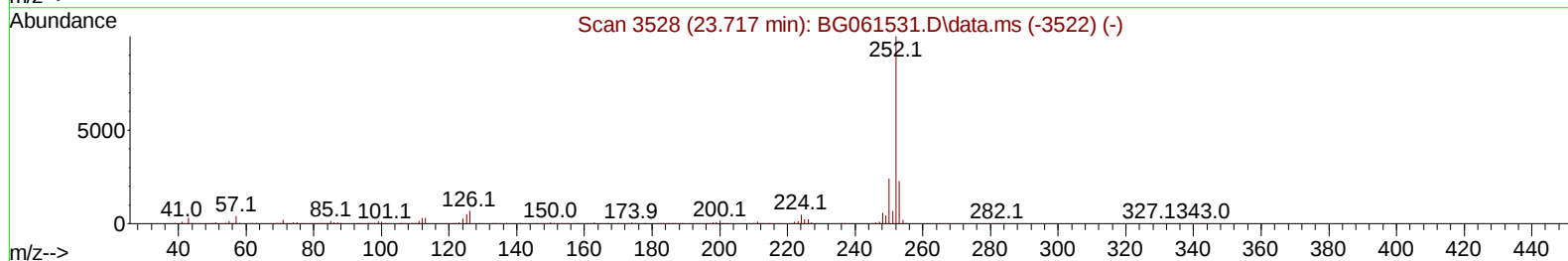
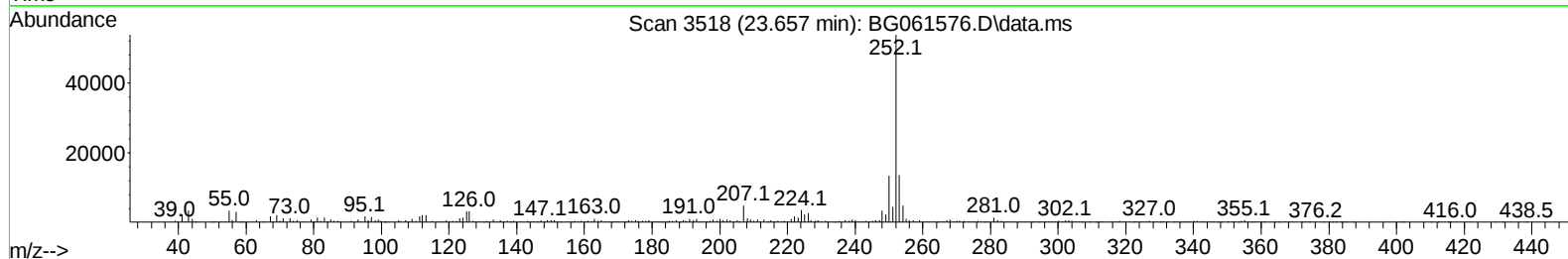
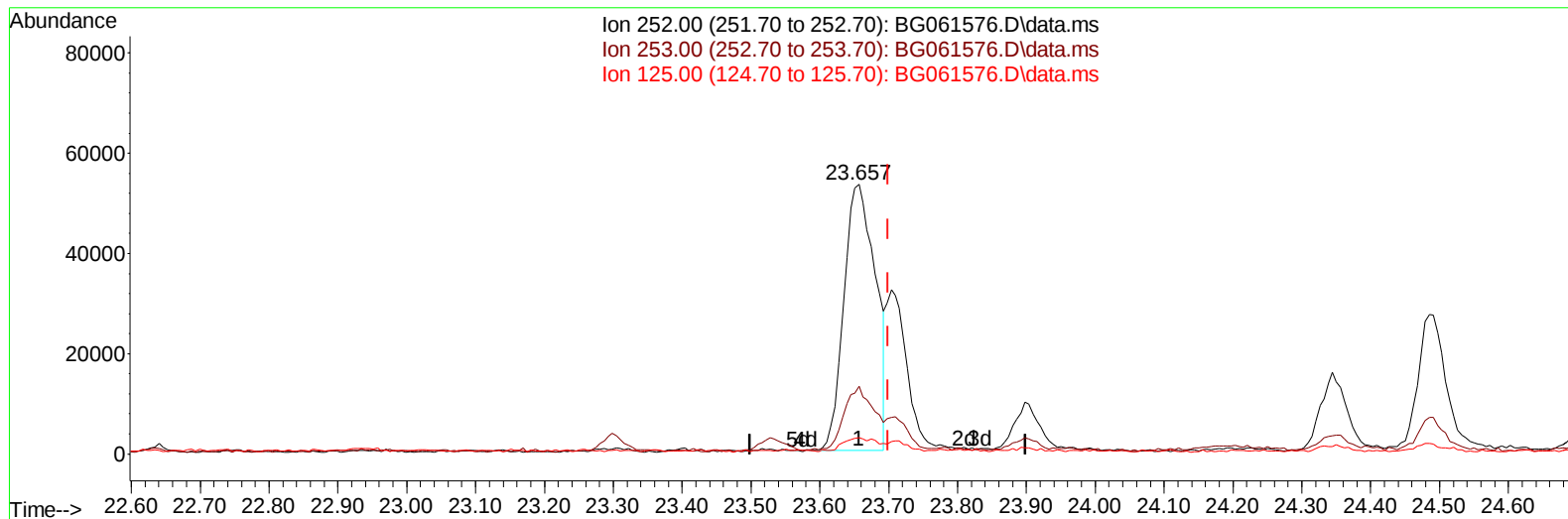
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061576.D
 Acq On : 8 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2647-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:54:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(91) Benzo(k)fluoranthene

23.657min (-0.042) 12.61 ng/u1

response 169817

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	25.15#
125.00	5.40	6.06
0.00	0.00	0.00

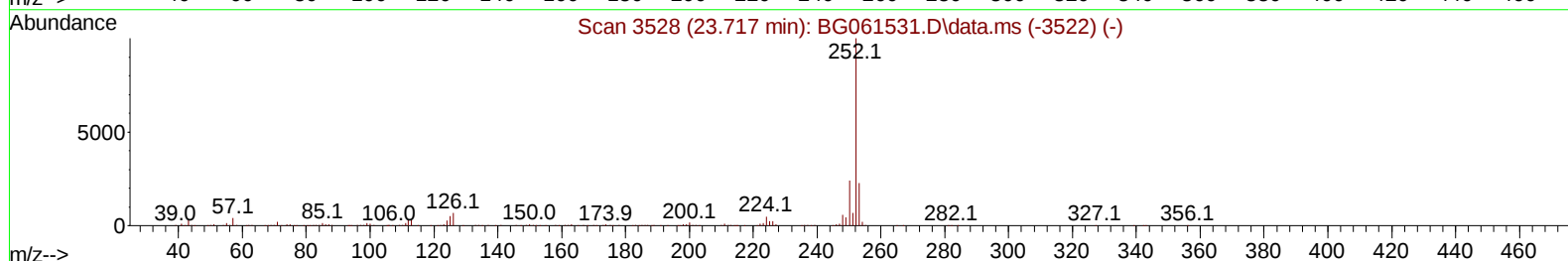
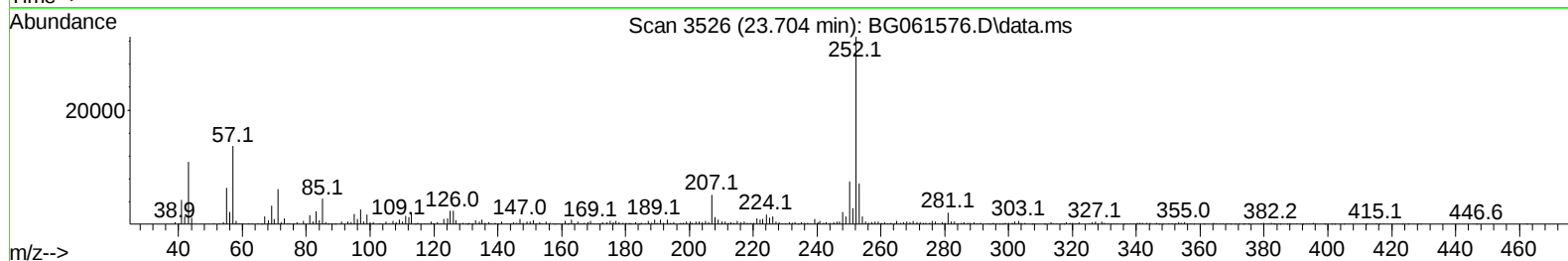
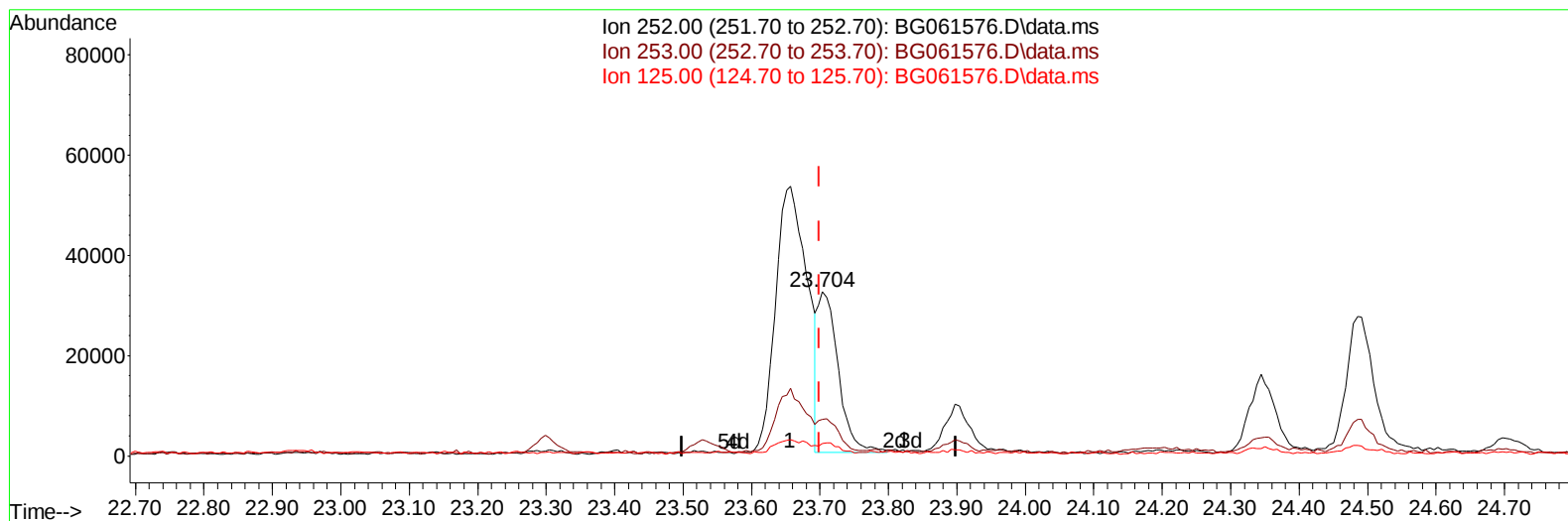
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(91) Benzo(k)fluoranthene

23.704min (+ 0.005) 4.93 ng/u1 m

response 66408

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.17
125.00	5.40	7.42#
0.00	0.00	0.00

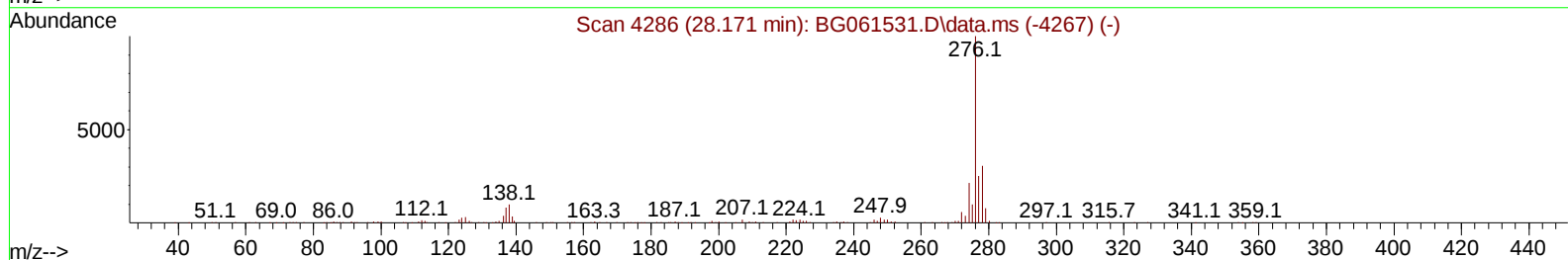
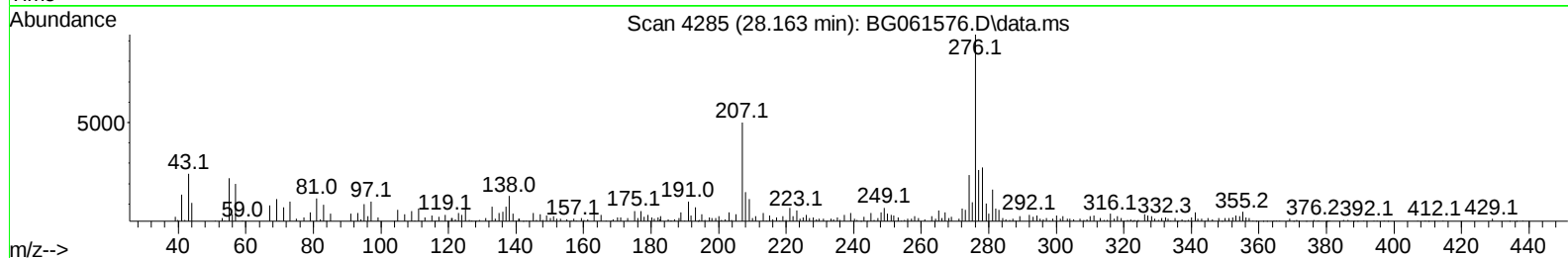
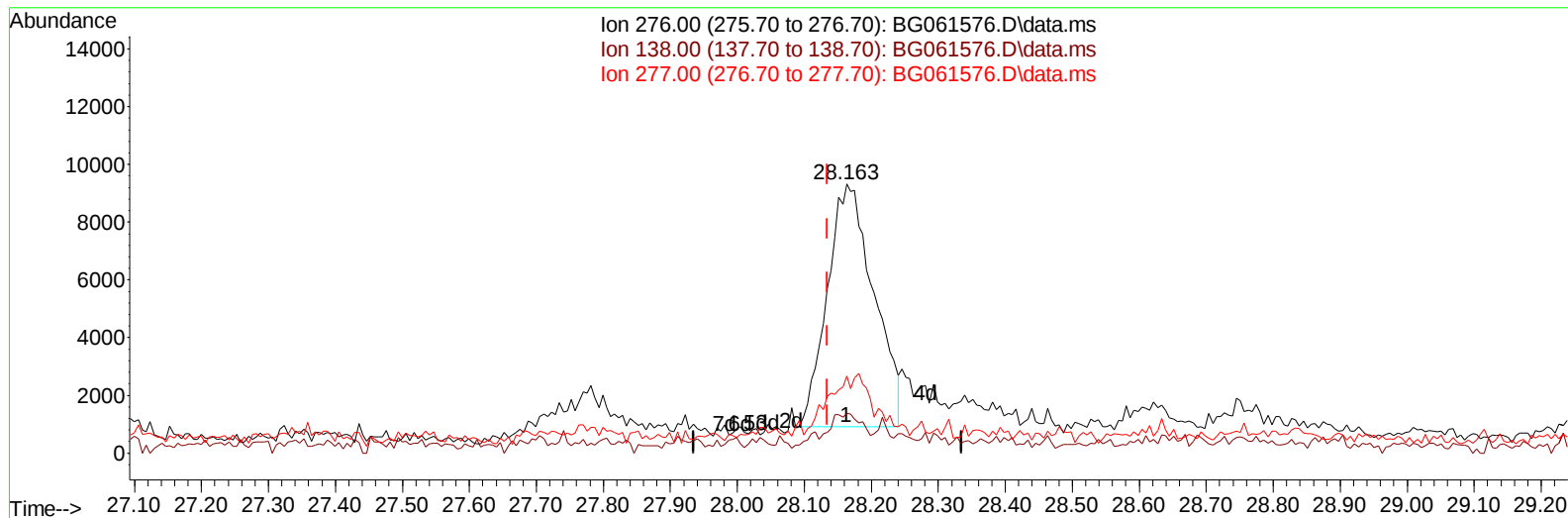
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:55:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

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

28.163min (+ 0.028) 2.66 ng/u1

response 40445

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.81#
277.00	24.60	28.75
0.00	0.00	0.00

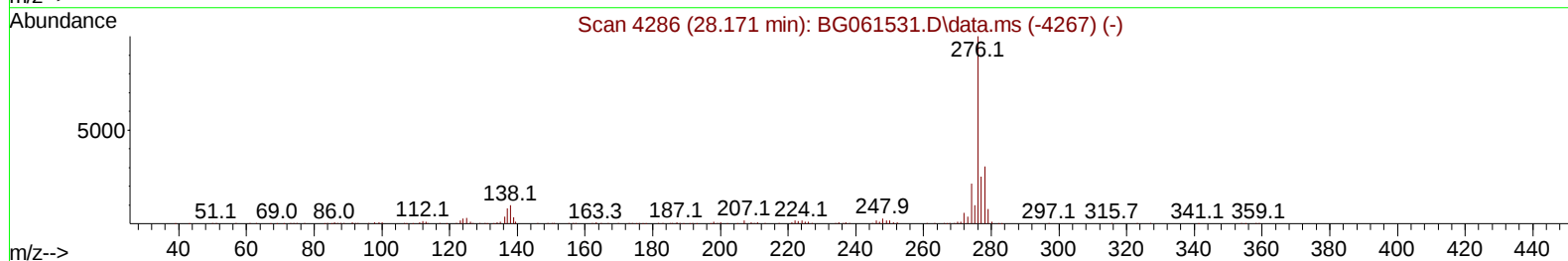
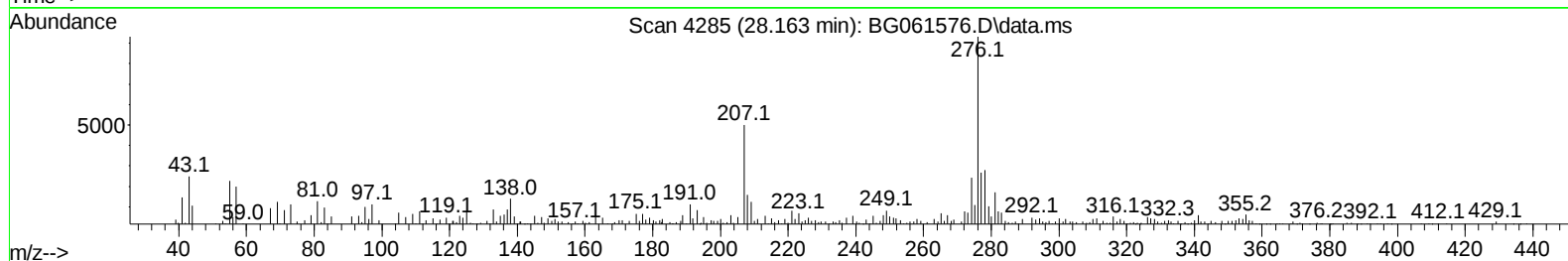
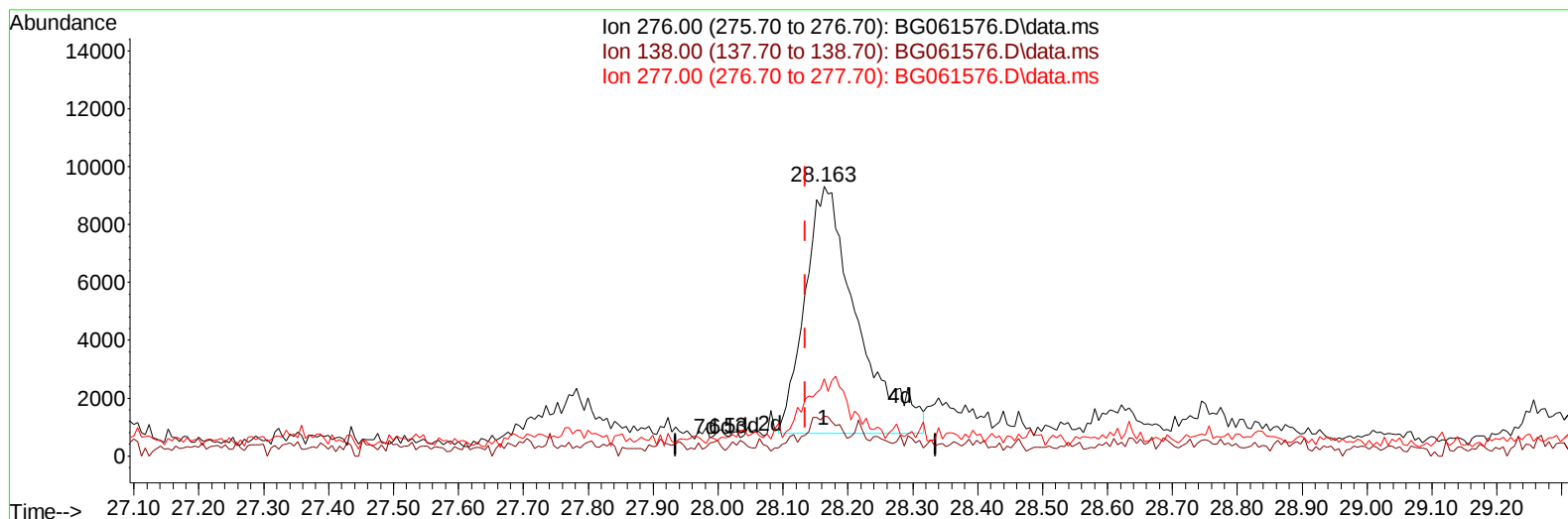
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:55:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

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

28.163min (+ 0.028) 3.14 ng/u1 m

response 47830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.81#
277.00	24.60	28.75
0.00	0.00	0.00

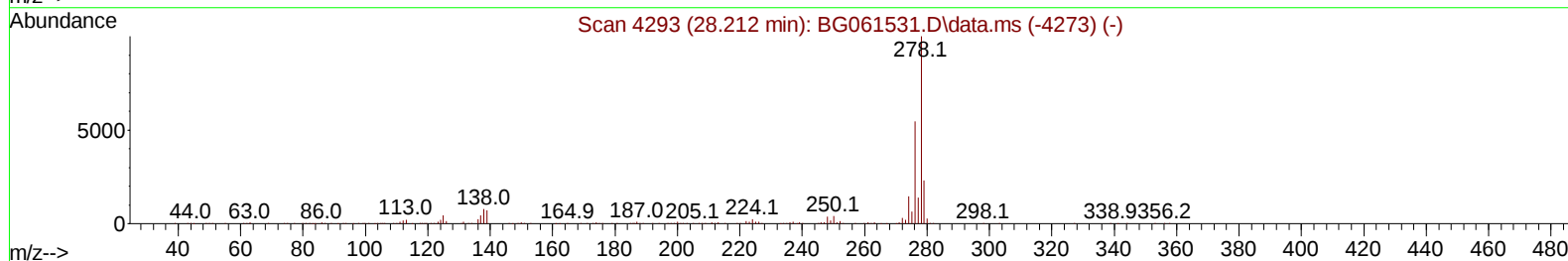
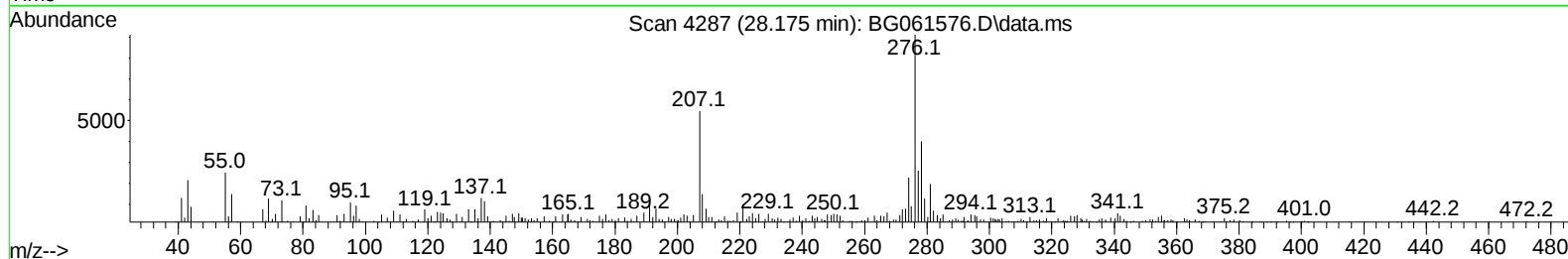
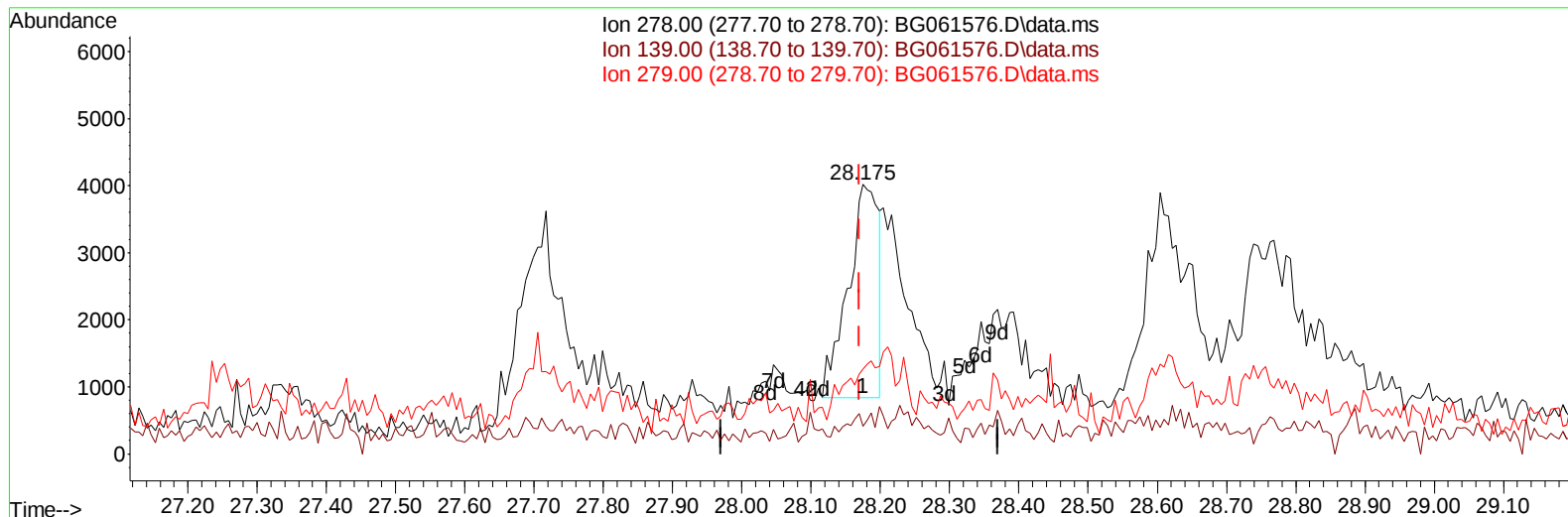
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(95) Dibenzo(a,h)anthracene

28.175min (+ 0.005) 0.77 ng/u1

response 9616

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.23#
279.00	24.90	31.39#
0.00	0.00	0.00

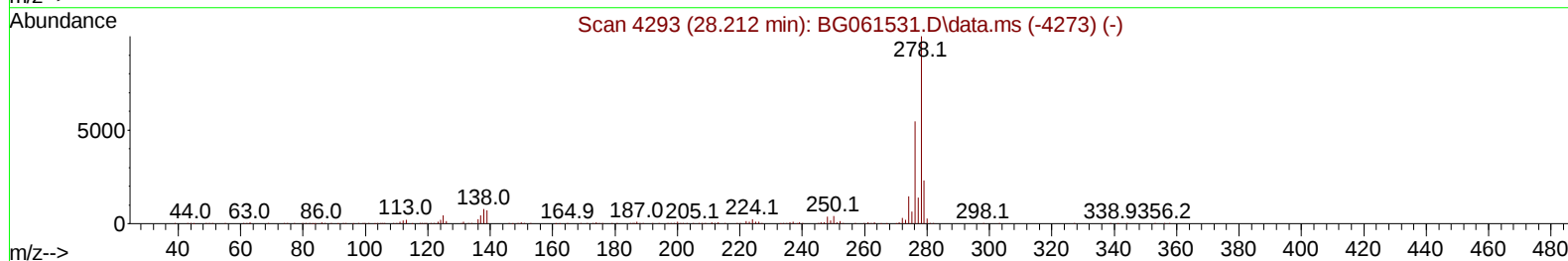
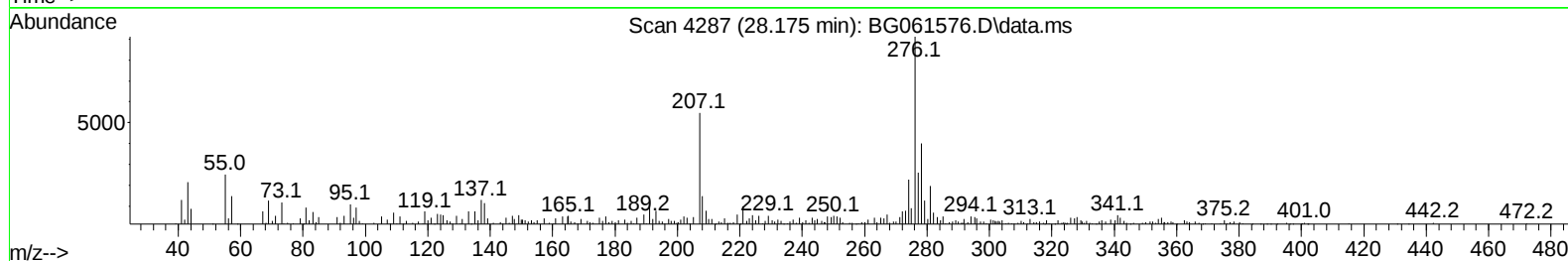
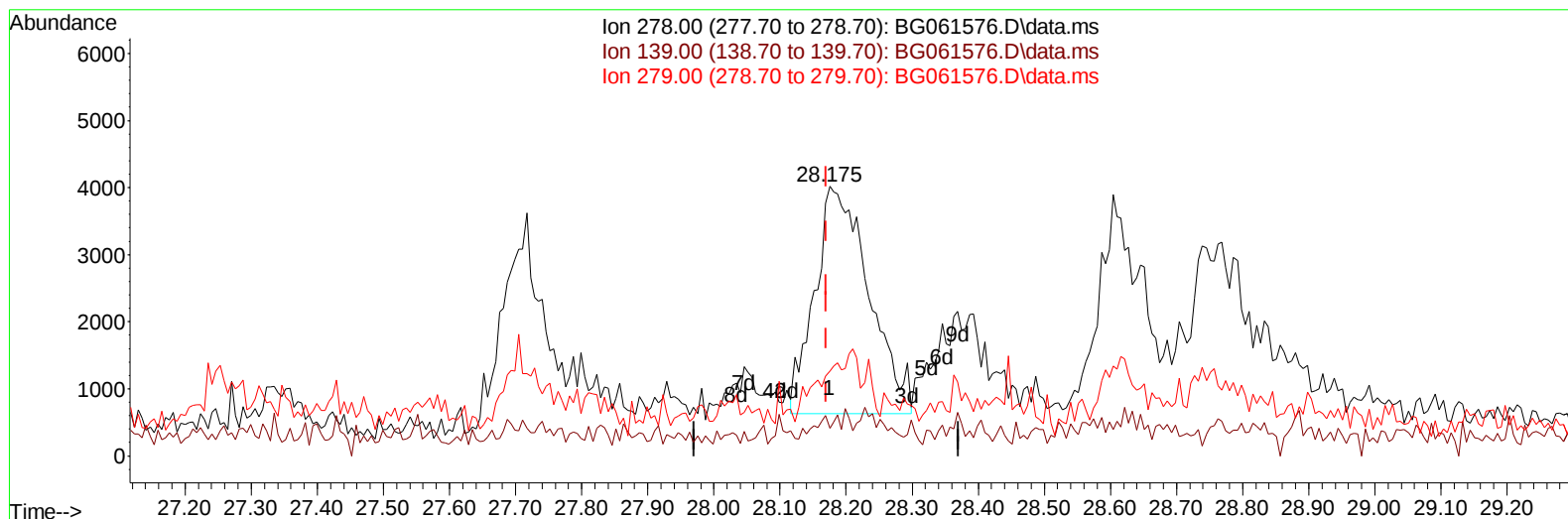
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061576.D\data.ms

(95) Dibenzo(a,h)anthracene

28.175min (+ 0.005) 1.54 ng/ul m

response 19333

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.23#
279.00	24.90	31.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061576.D
 Acq On : 8 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2647-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:56:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	28132	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	110088	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	80685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	191181	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	209815	20.000	ng/ul	0.01
88) Perylene-d12	24.632	264	222777	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1822	3.624	ng/uL	-0.02
4) Pyridine-d5	3.745	84	9567m	5.350	ng/ul	-0.02
7) Phenol-d5	7.070	99	50393	21.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	29821	20.537	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.417	132	41142	24.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	42328	21.487	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	21280	25.106	ng/ul	0.00
24) 2-Nitrophenol-d4	9.755	143	25004	25.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	52968	27.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	28023	11.076	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	171008	27.327	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	182210	28.007	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	17376m	22.459	ng/ul	0.02
60) Fluorene-d10	15.508	176	146478	27.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	16317	14.111	ng/ul	0.01
73) Anthracene-d10	17.364	188	243234	28.858	ng/ul	0.00
81) Pyrene-d10	19.662	212	277057	25.718	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	232006	21.662	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	5817	1.001	ng/ul	98
36) 2-Methylnaphthalene	12.329	142	6964	1.653	ng/ul	93
37) 1-Methylnaphthalene	12.546	142	7738	1.789	ng/ul	89
72) Phenanthrene	17.311	178	114908	12.383	ng/ul	98
74) Anthracene	17.399	178	15154m	1.579	ng/ul	
80) Fluoranthene	19.327	202	195697	15.143	ng/ul	99
82) Pyrene	19.691	202	185112	13.799	ng/ul	98
85) Benzo(a)anthracene	21.512	228	140222	9.686	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.412	149	40714	5.969	ng/ul#	97
87) Chrysene	21.571	228	143582	10.771	ng/ul	93
90) Benzo(b)fluoranthene	23.657	252	169817	12.803	ng/ul	95
91) Benzo(k)fluoranthene	23.704	252	66408m	4.932	ng/ul	
93) Benzo(a)pyrene	24.485	252	74385	5.906	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.163	276	47830m	3.140	ng/ul	
95) Dibenzo(a,h)anthracene	28.175	278	19333m	1.539	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061576.D
 Acq On : 8 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2647-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:56:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

