

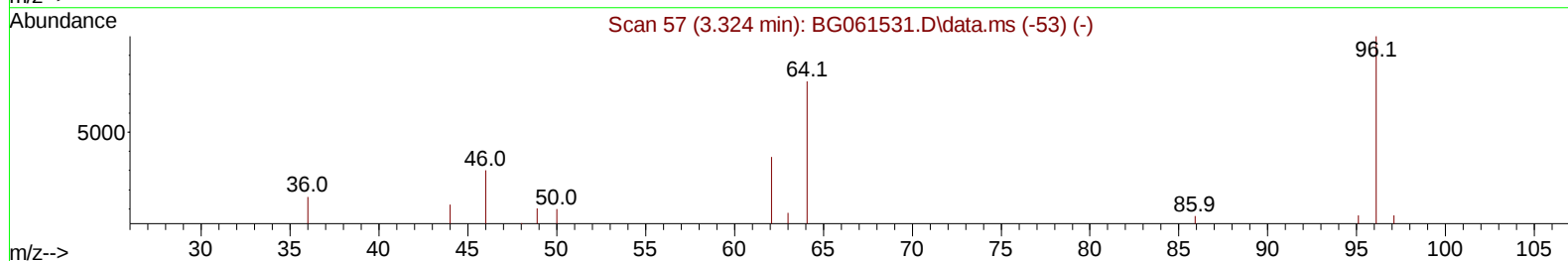
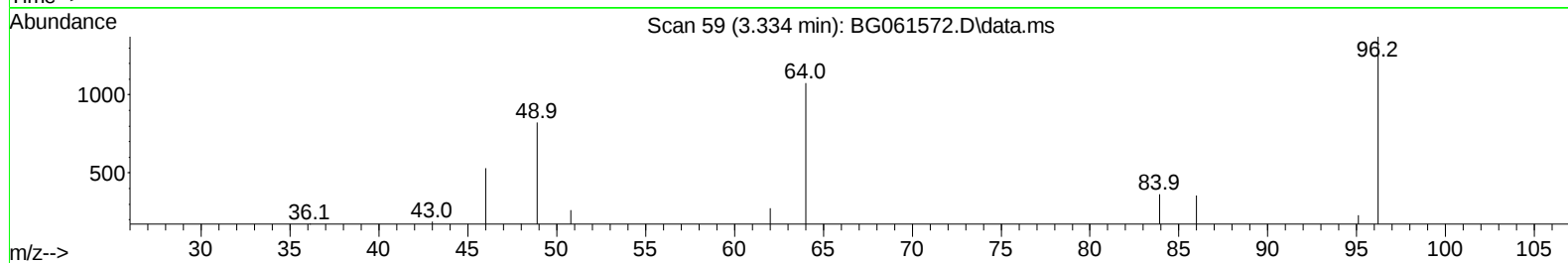
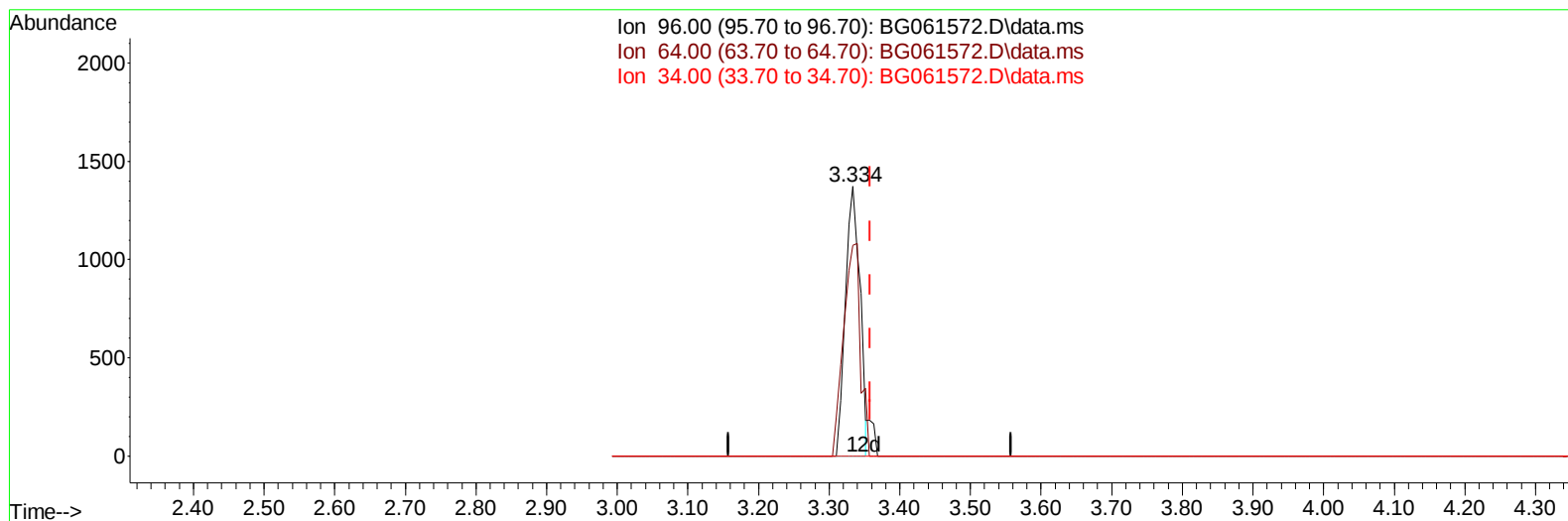
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 09 23:03:00 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



TIC: BG061572.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.334min (-0.024) 3.98 ng/uL

response 1969

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	78.28
34.00	0.00	0.00
0.00	0.00	0.00

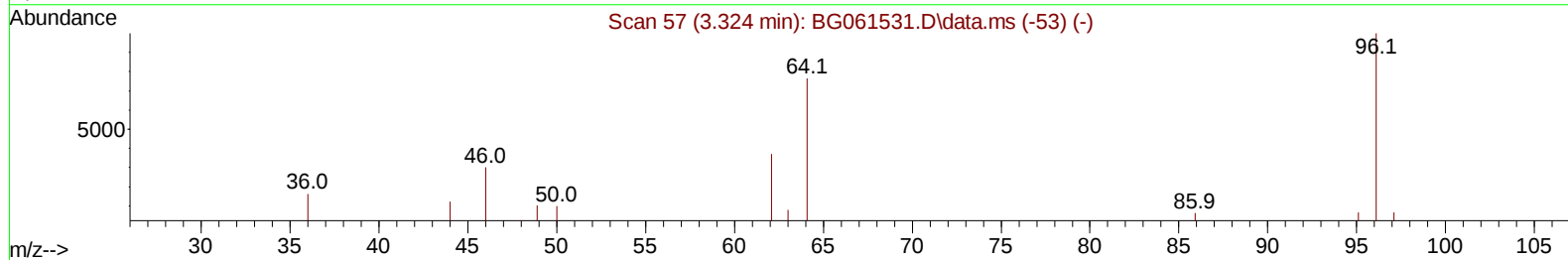
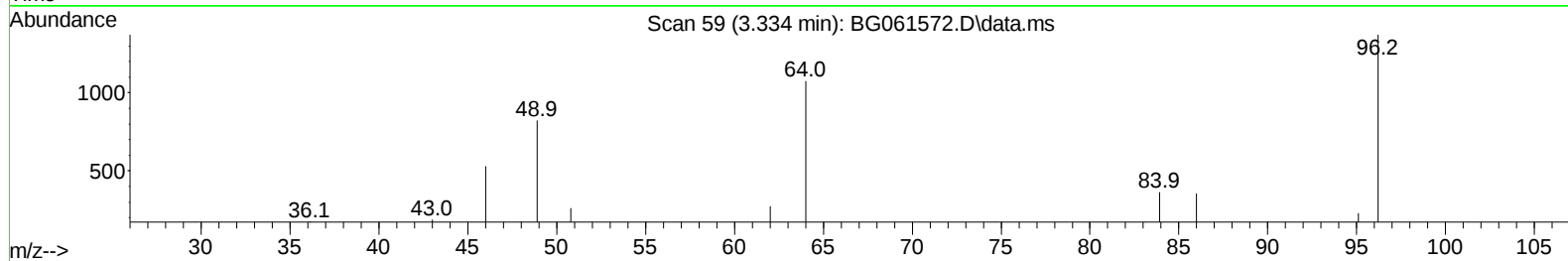
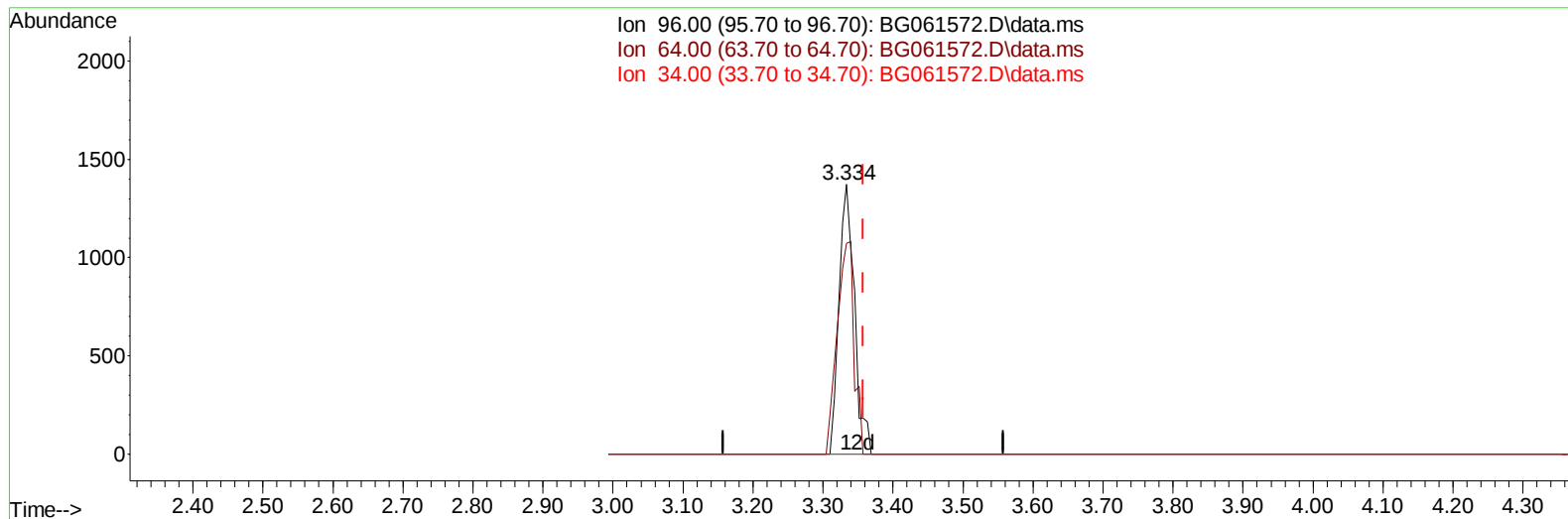
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.334min (-0.024) 4.23 ng/uL m

response 2092

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	78.28
34.00	0.00	0.00
0.00	0.00	0.00

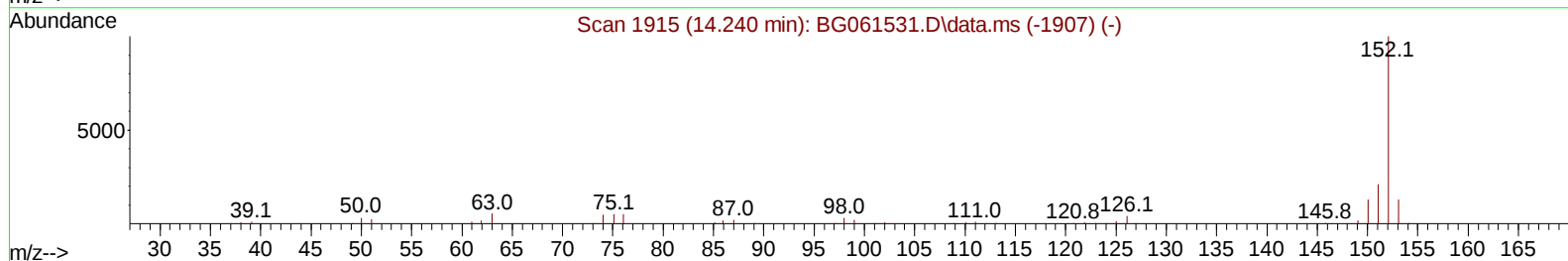
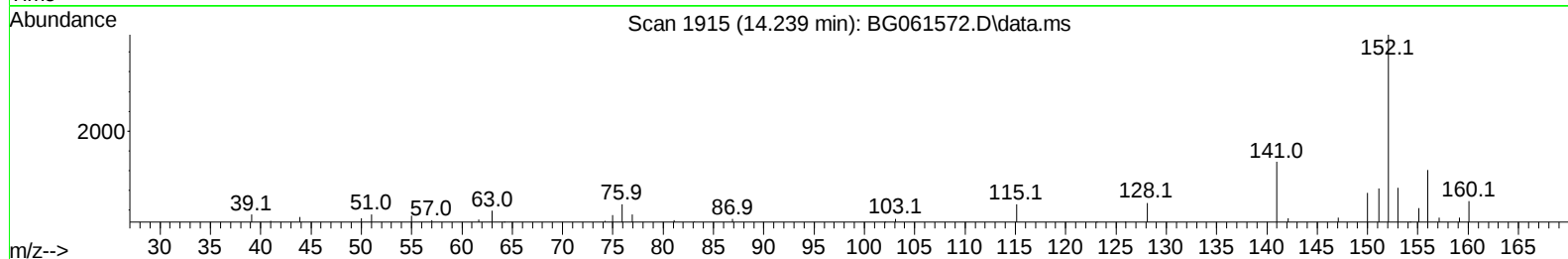
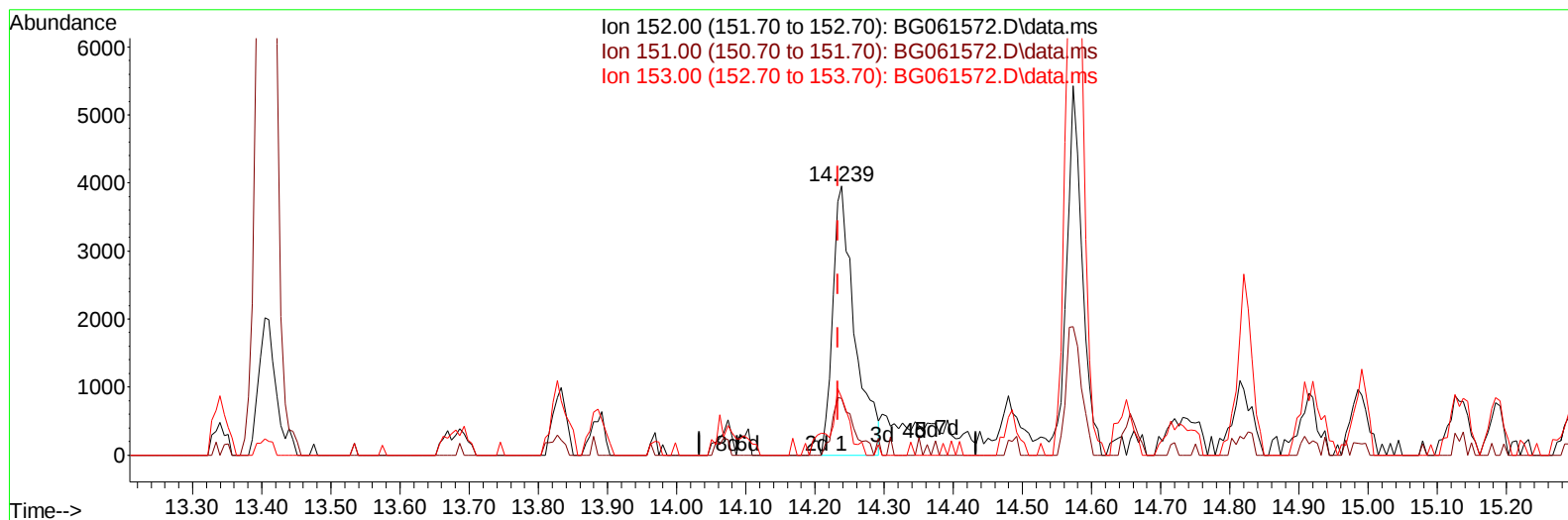
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(50) Acenaphthylene

14.239min (+ 0.005) 1.23 ng/u1

response 8728

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	21.05
153.00	12.80	21.33#
0.00	0.00	0.00

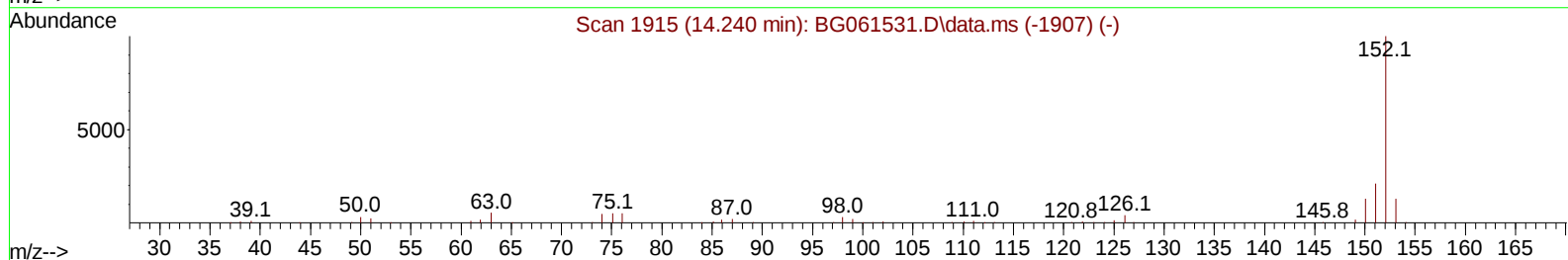
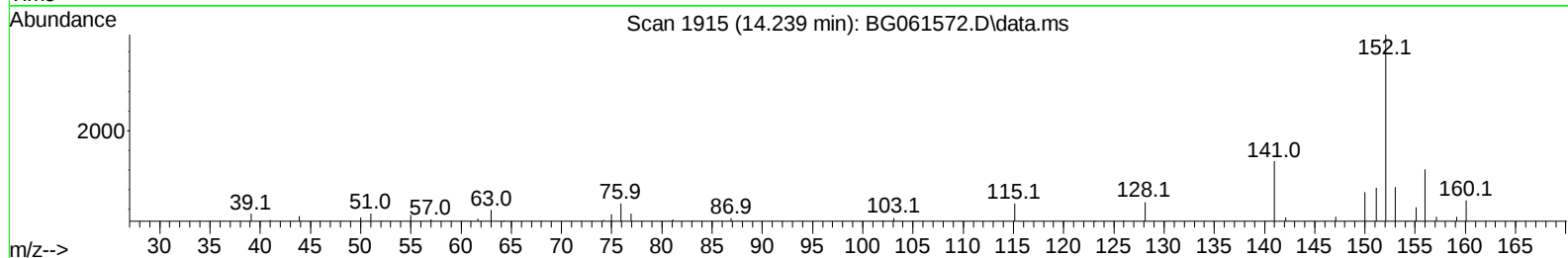
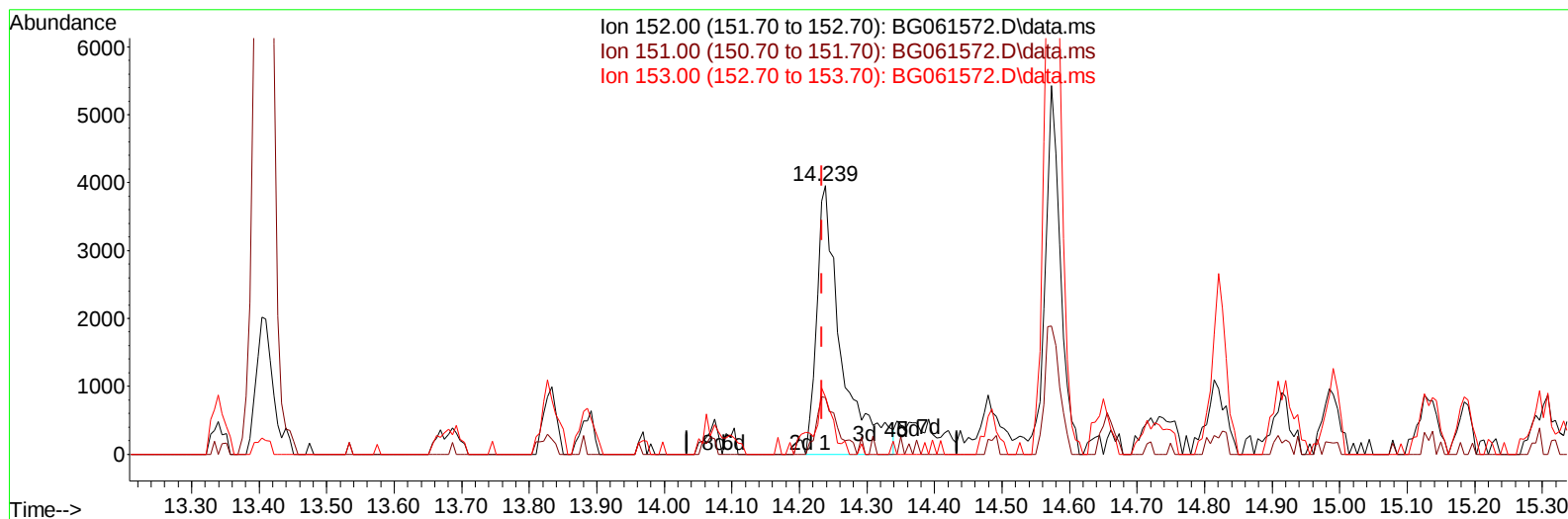
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(50) Acenaphthylene

14.239min (+ 0.005) 1.42 ng/ul m

response 10027

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	21.05
153.00	12.80	21.33#
0.00	0.00	0.00

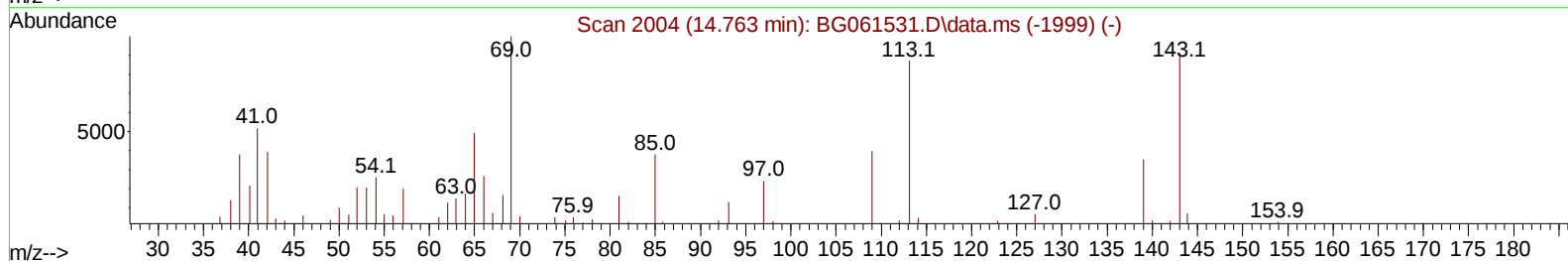
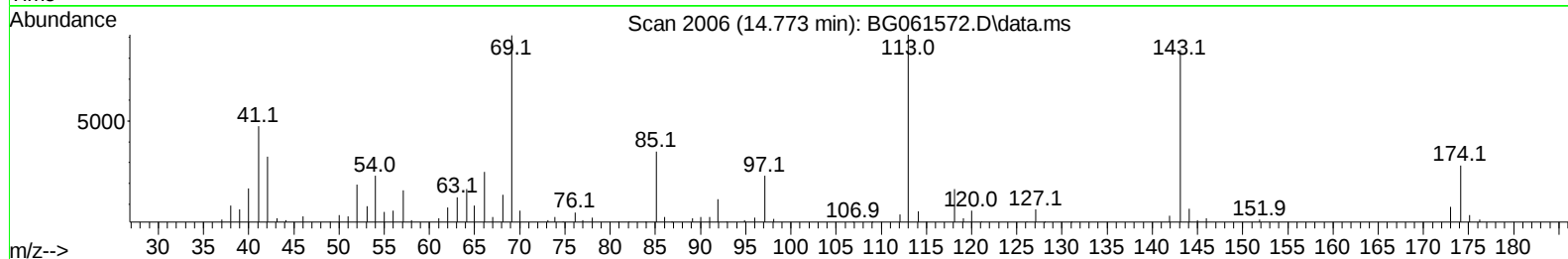
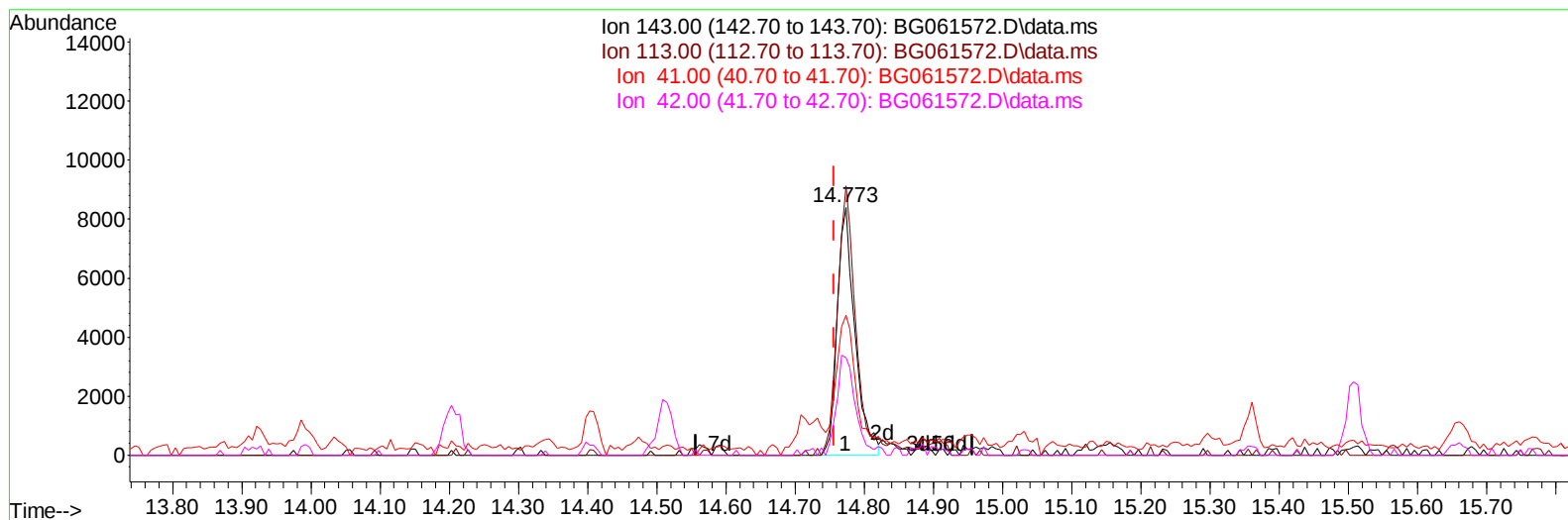
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061572.D
 Acq On : 8 Jun 2024 19:38
 Operator : MA/JU
 Sample : P2647-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.773min (+ 0.017) 19.63 ng/ul

response 14912

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	108.56
41.00	77.10	56.40#
42.00	49.50	39.21#

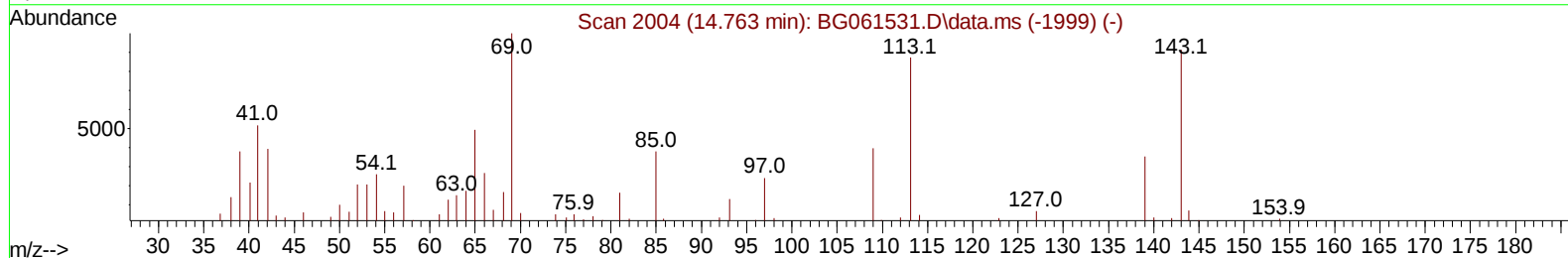
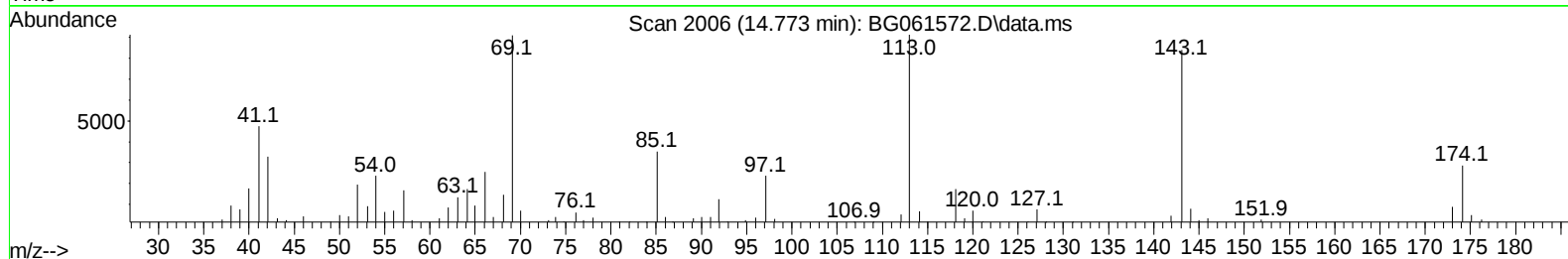
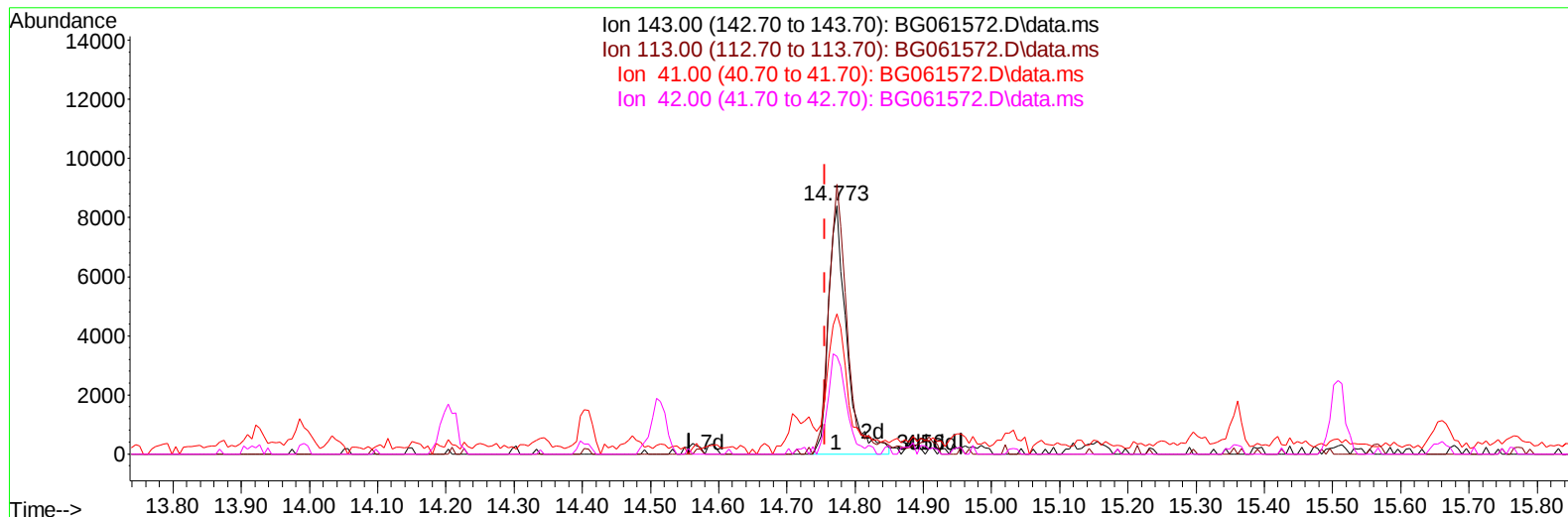
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.773min (+ 0.017) 20.50 ng/ul m

response 15573

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	108.56
41.00	77.10	56.40#
42.00	49.50	39.21#

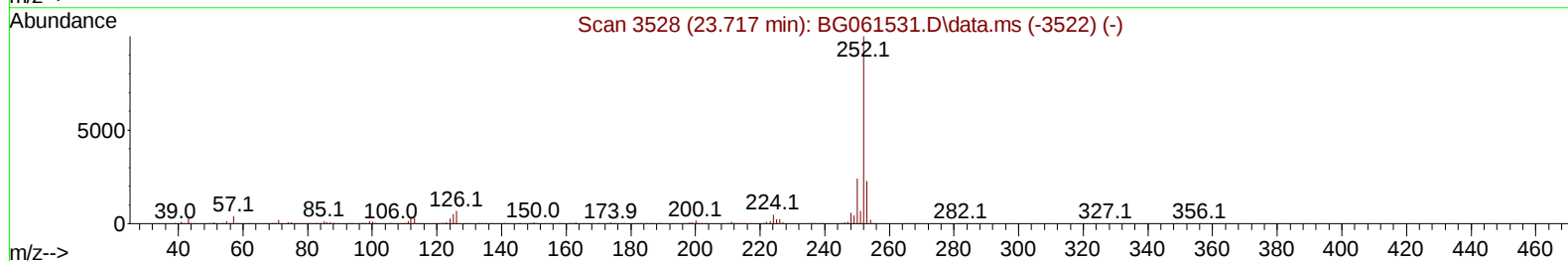
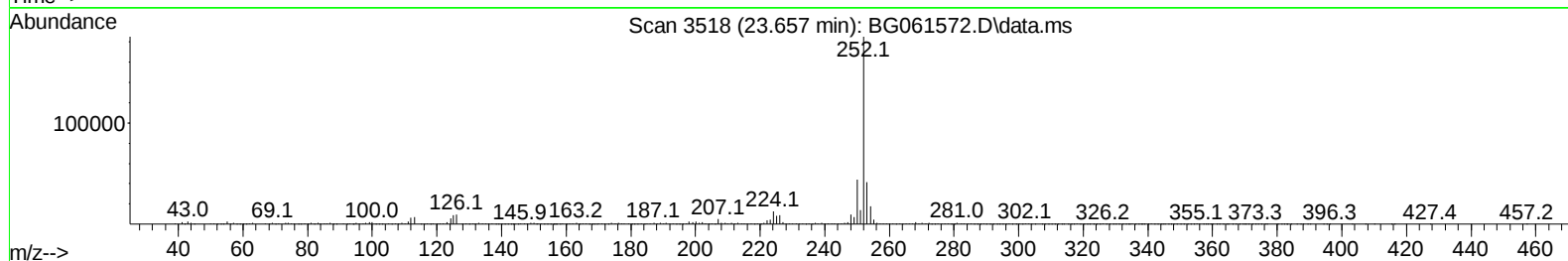
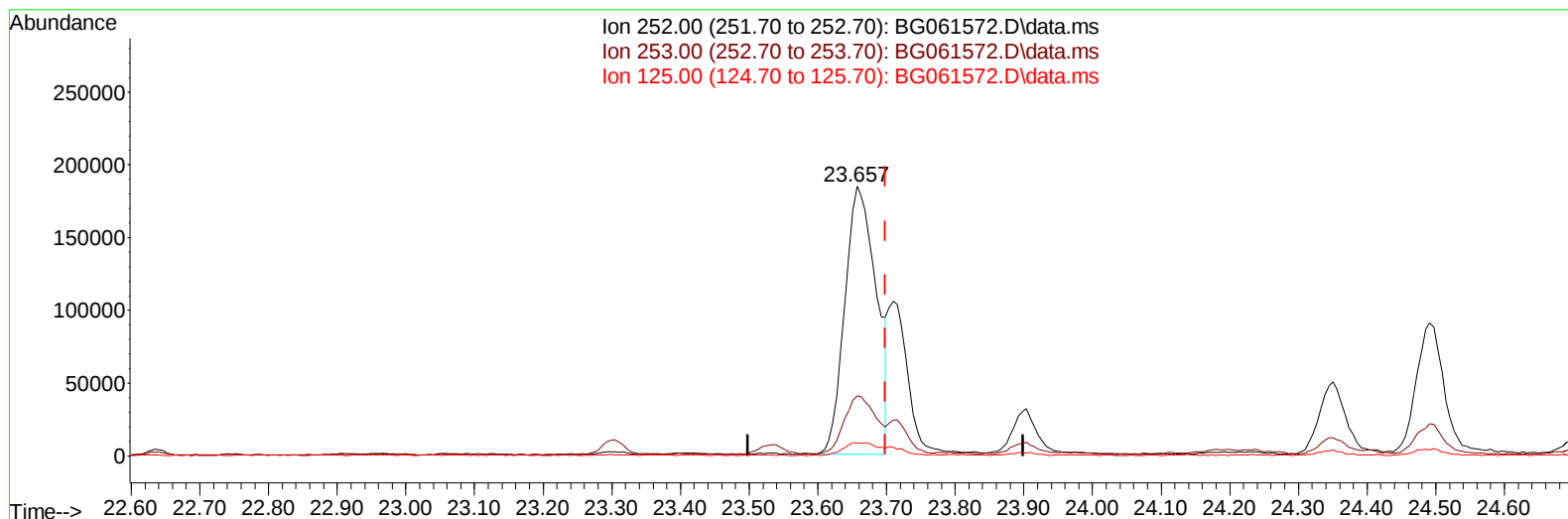
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(91) Benzo(k)fluoranthene

23.657min (-0.042) 44.56 ng/u1

response 586391

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.38
125.00	5.40	4.89
0.00	0.00	0.00

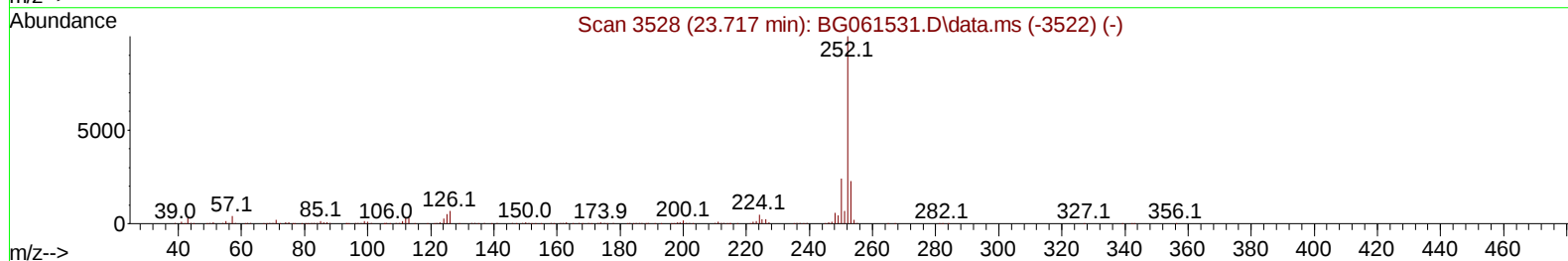
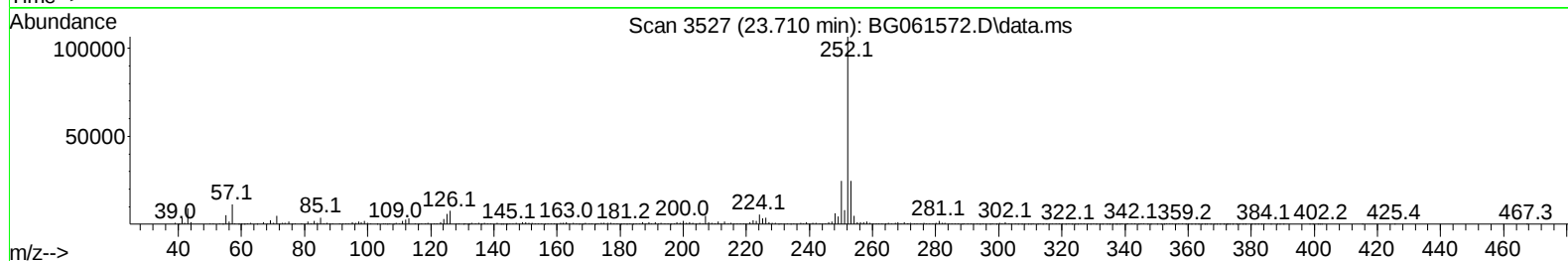
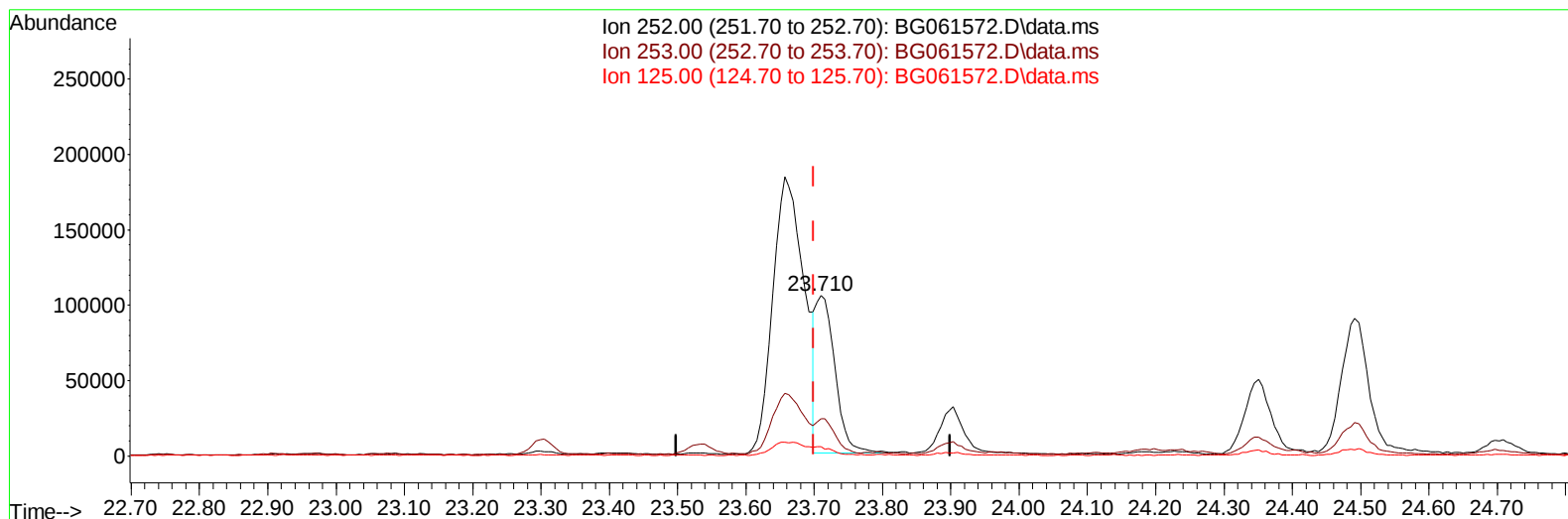
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:00 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: BG061572.D\data.ms

(91) Benzo(k)fluoranthene

23.710min (+ 0.011) 15.65 ng/ul m

response 205917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.06
125.00	5.40	5.64
0.00	0.00	0.00

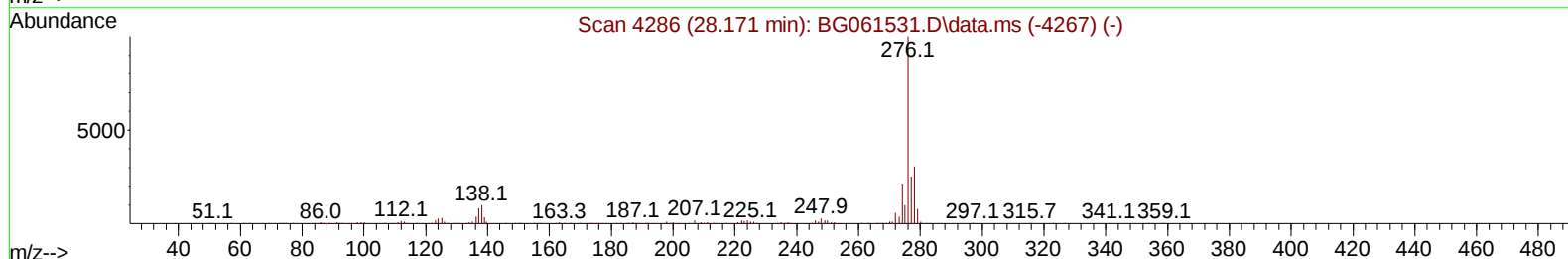
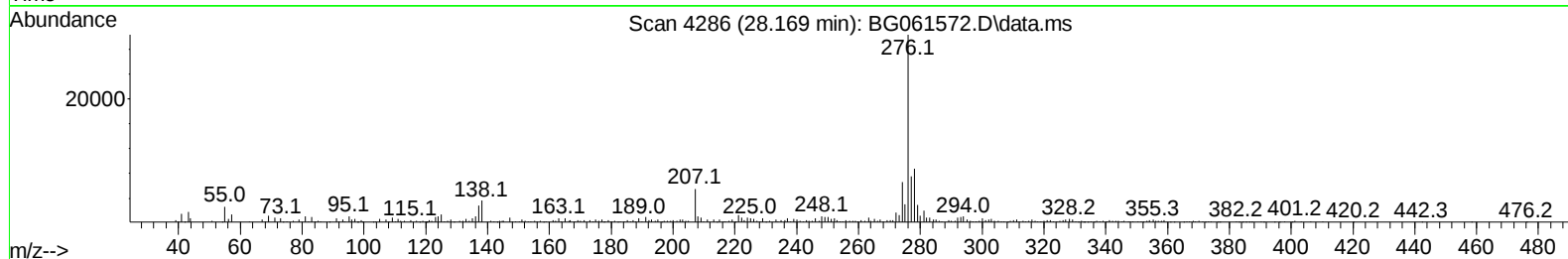
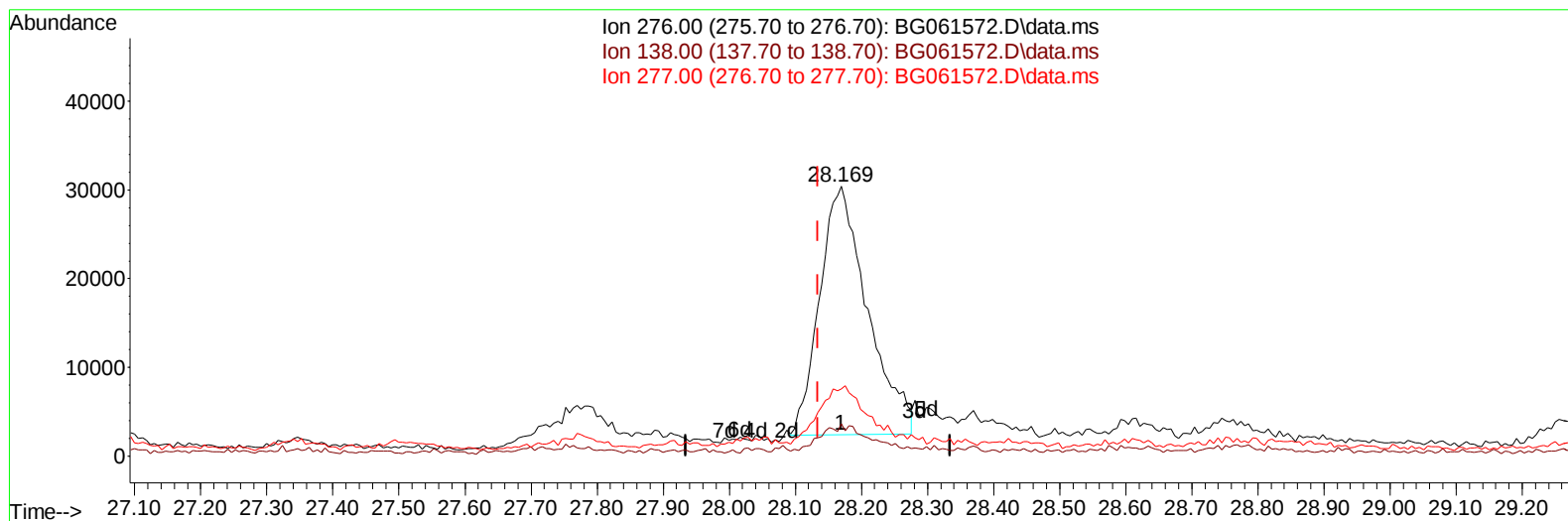
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:20:39 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: BG061572.D\data.ms

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

28.169min (+ 0.034) 9.47 ng/u1

response 140933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	11.89
277.00	24.60	24.88
0.00	0.00	0.00

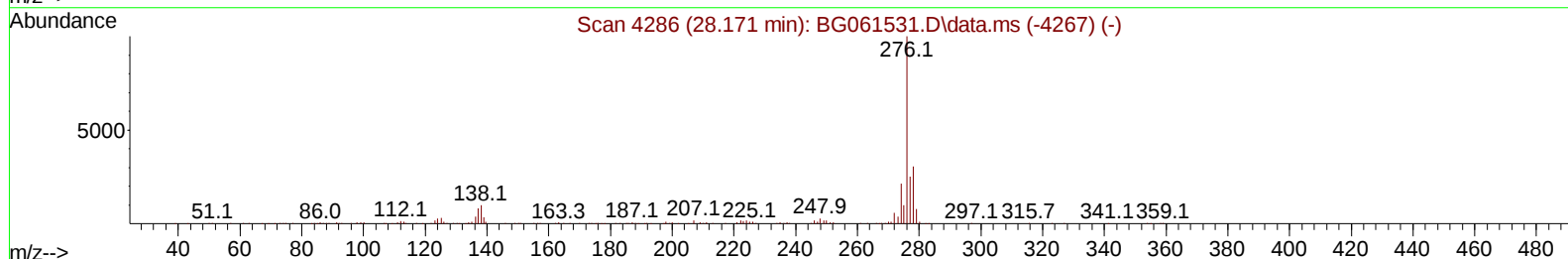
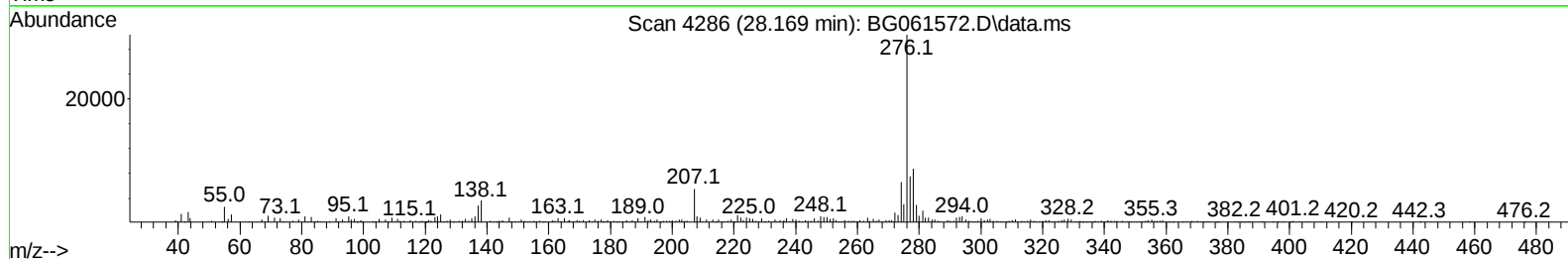
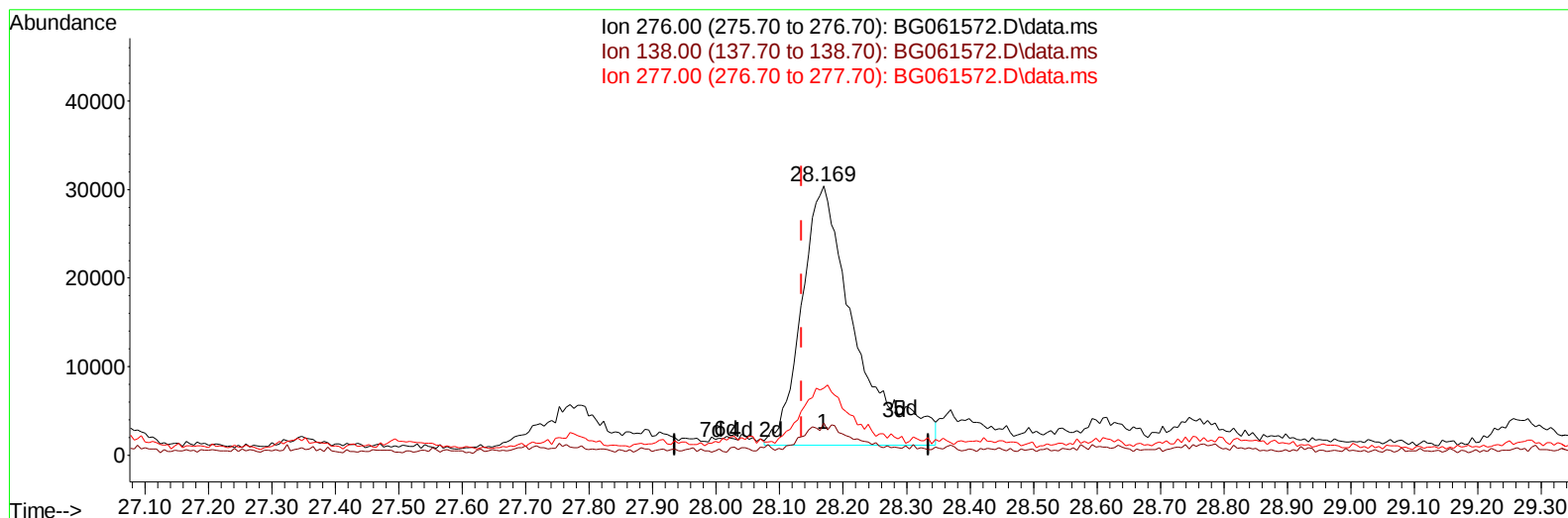
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061572.D
 Acq On : 8 Jun 2024 19:38
 Operator : MA/JU
 Sample : P2647-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:20:39 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: BG061572.D\data.ms

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

28.169min (+ 0.034) 11.51 ng/ul m

response 171410

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	11.89
277.00	24.60	24.88
0.00	0.00	0.00

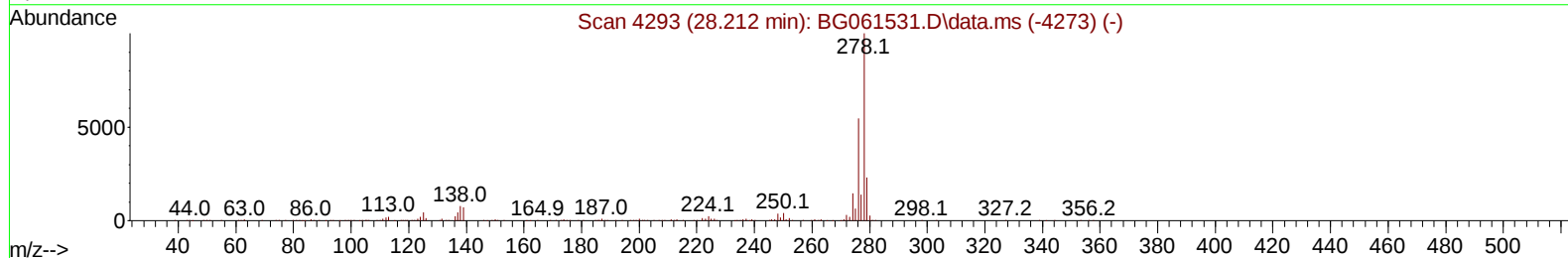
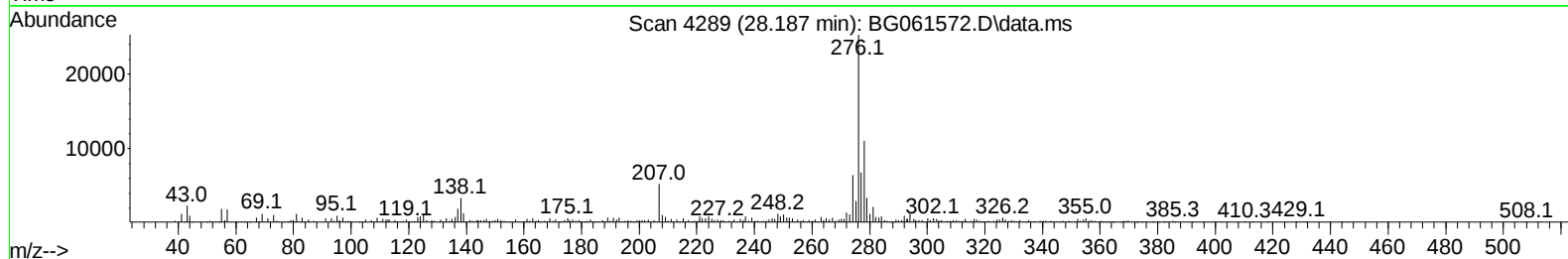
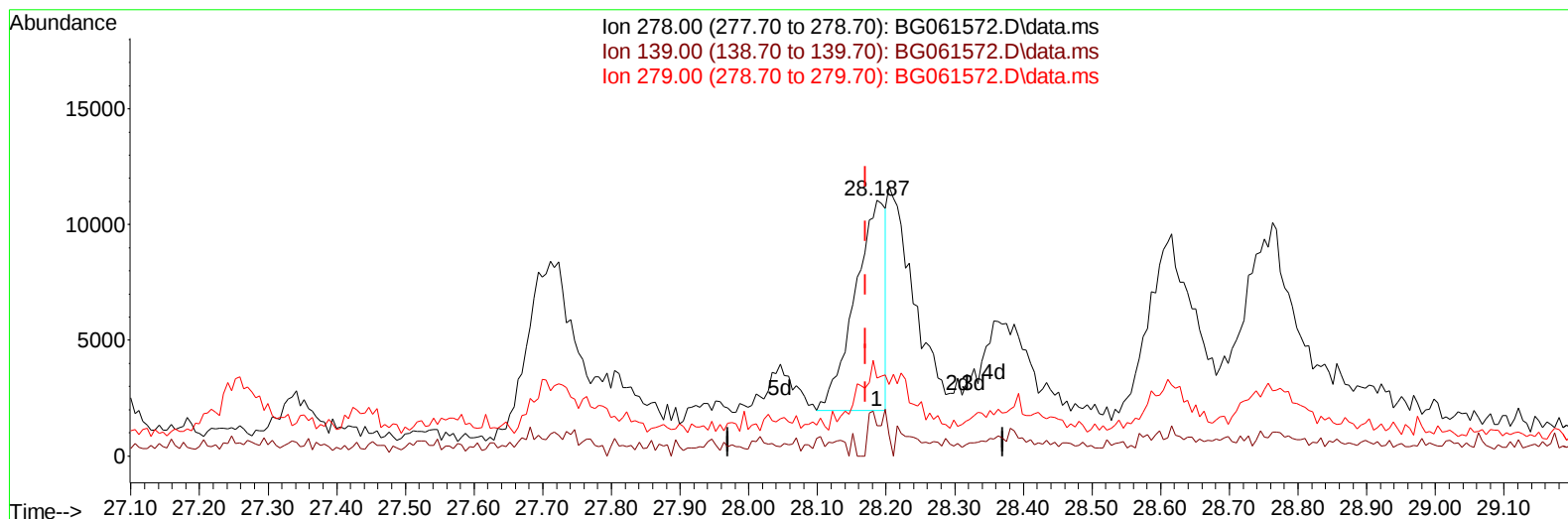
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:21:11 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: BG061572.D\data.ms

(95) Dibenzo(a,h)anthracene

28.187min (+ 0.017) 2.29 ng/u1

response 28098

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.85#
279.00	24.90	30.46#
0.00	0.00	0.00

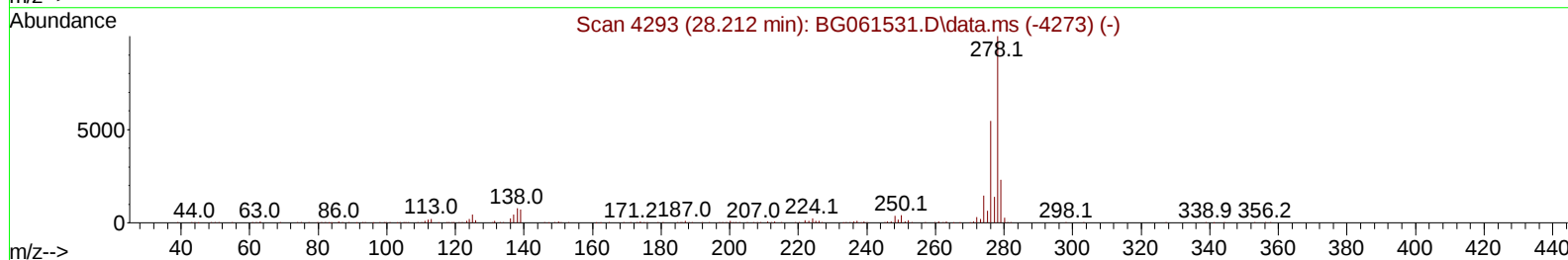
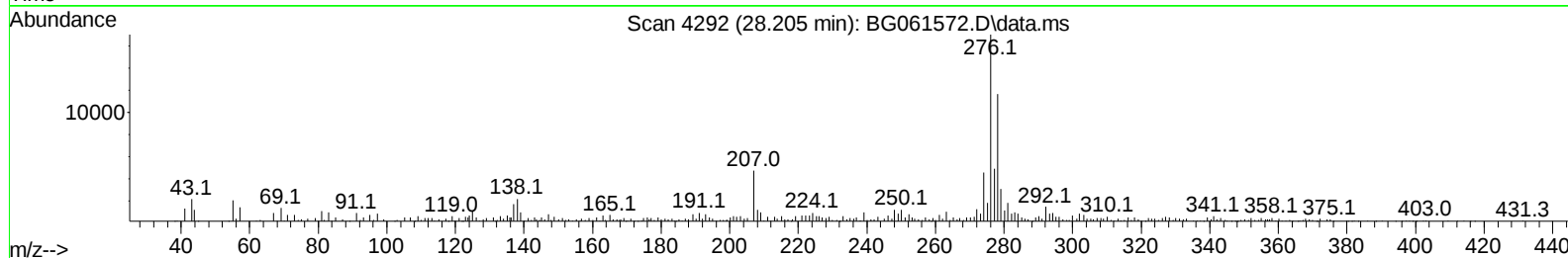
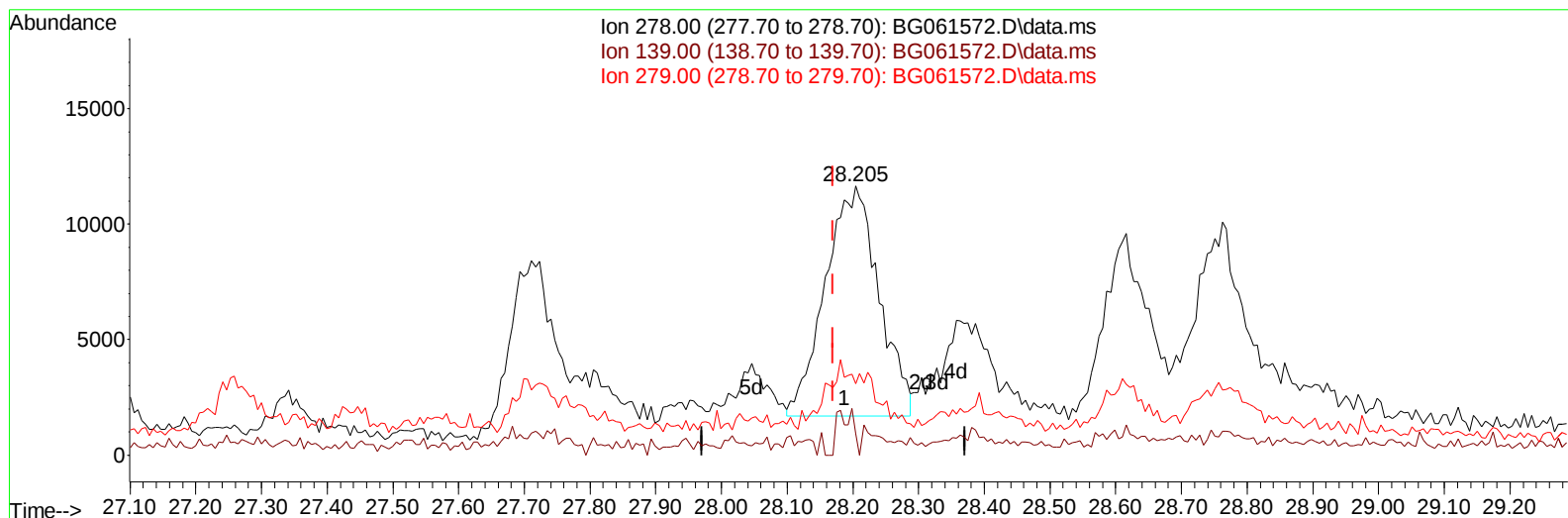
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:21:11 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: BG061572.D\data.ms

(95) Dibenzo(a,h)anthracene

28.205min (+ 0.034) 4.59 ng/ul m

response 56356

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.96
279.00	24.90	26.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061572.D
 Acq On : 8 Jun 2024 19:38
 Operator : MA/JU
 Sample : P2647-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:21:56 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	7.870	152	27692	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	105994	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	79223	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	184744	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	196622	20.000	ng/ul	0.01
88) Perylene-d12	24.638	264	217727	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2092m	4.228	ng/uL	-0.02
4) Pyridine-d5	3.745	84	10966	6.229	ng/ul	-0.02
7) Phenol-d5	7.070	99	50279	22.110	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	29366	20.545	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.417	132	40745	24.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	36828	18.992	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	21645	26.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	25331	26.522	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	52757	28.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	15852	6.507	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	162806	26.497	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	174698	27.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	15573m	20.500	ng/ul	0.02
60) Fluorene-d10	15.508	176	142007	26.770	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	15358	13.745	ng/ul	0.01
73) Anthracene-d10	17.364	188	232575	28.555	ng/ul	0.00
81) Pyrene-d10	19.662	212	258372	25.592	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	218715	20.895	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.713	128	14411	2.576	ng/ul	97
36) 2-Methylnaphthalene	12.329	142	8402	2.071	ng/ul	96
37) 1-Methylnaphthalene	12.552	142	8581	2.061	ng/ul	92
50) Acenaphthylene	14.239	152	10027m	1.416	ng/ul	
52) Acenaphthene	14.573	153	16245	3.496	ng/ul	94
56) Dibenzofuran	14.914	168	10760	1.620	ng/ul	98
61) Fluorene	15.561	166	14820	2.578	ng/ul#	94
72) Phenanthrene	17.311	178	406379	45.321	ng/ul	98
74) Anthracene	17.400	178	52851	5.701	ng/ul	99
77) Carbazole	17.670	167	25571	3.391	ng/ul	95
78) Di-n-butylphthalate	18.228	149	12395	1.312	ng/ul#	93
80) Fluoranthene	19.333	202	759250	62.691	ng/ul	97
82) Pyrene	19.691	202	673713	53.591	ng/ul	98
83) Butylbenzylphthalate	20.578	149	9203	2.131	ng/ul	95
85) Benzo(a)anthracene	21.512	228	452298	33.338	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.412	149	150659	23.568	ng/ul#	96
87) Chrysene	21.577	228	480927	38.498	ng/ul	96
90) Benzo(b)fluoranthene	23.657	252	586391	45.235	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	205917m	15.647	ng/ul	
93) Benzo(a)pyrene	24.491	252	243719	19.799	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.169	276	171410m	11.515	ng/ul	
95) Dibenzo(a,h)anthracene	28.205	278	56356m	4.591	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061572.D
Acq On : 8 Jun 2024 19:38
Operator : MA/JU
Sample : P2647-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 10 00:21:56 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
----------	------	---	-----	----------	------	-------	-----	-------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061572.D
 Acq On : 8 Jun 2024 19:38
 Operator : MA/JU
 Sample : P2647-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS7

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:21:56 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

