

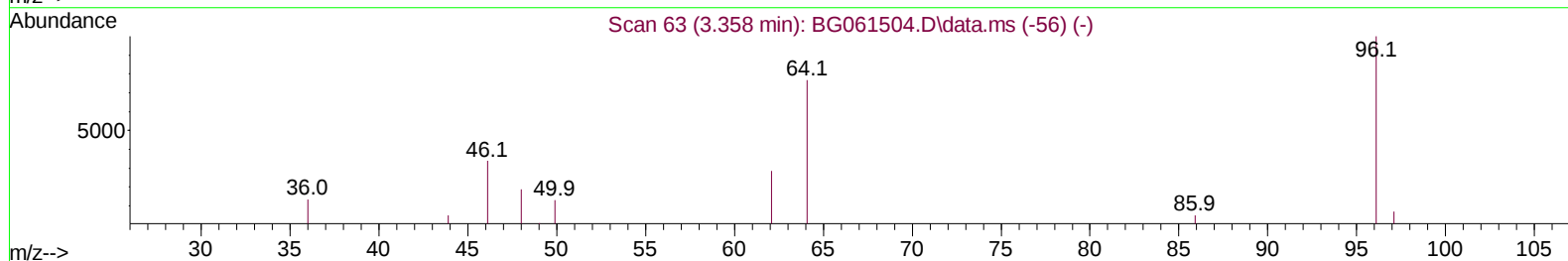
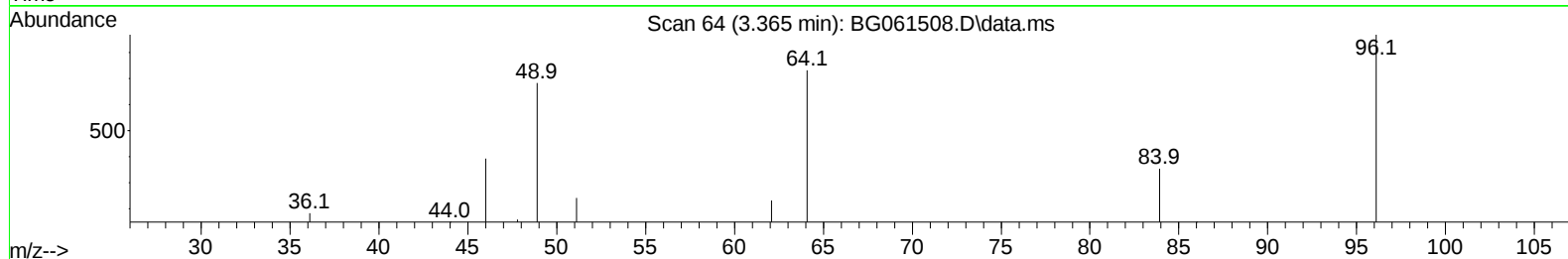
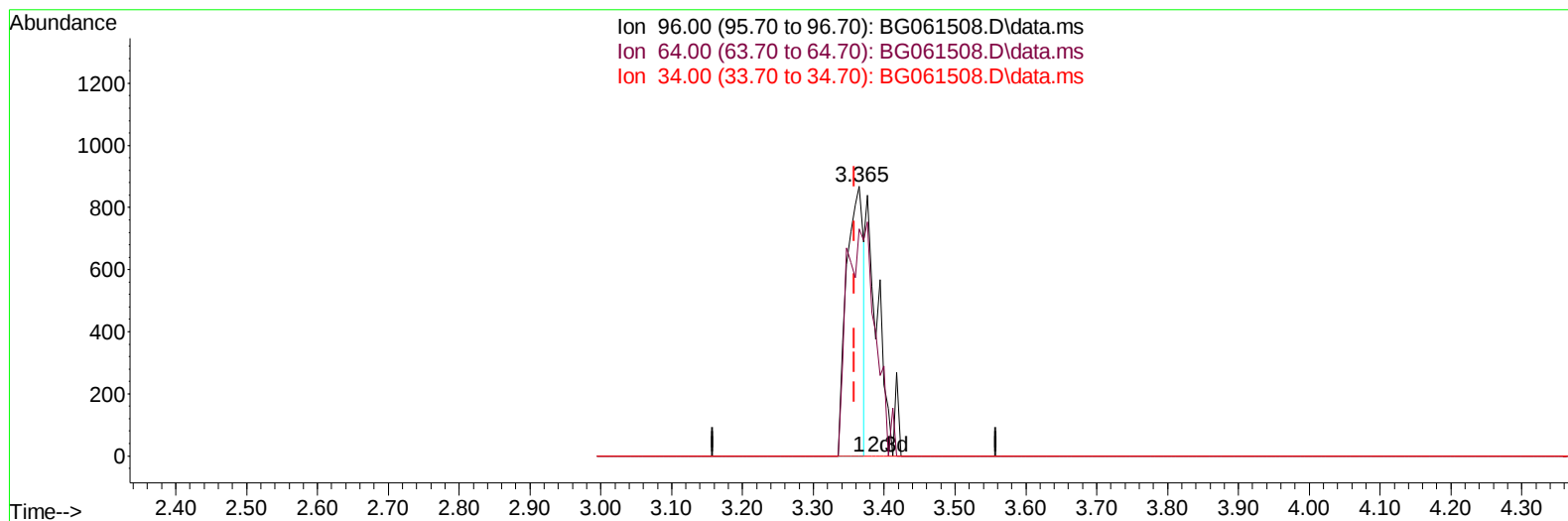
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061508.D
 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

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

3.365min (+ 0.007) 2.53 ng/uL

response 1434

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	84.33
34.00	0.00	0.00
0.00	0.00	0.00

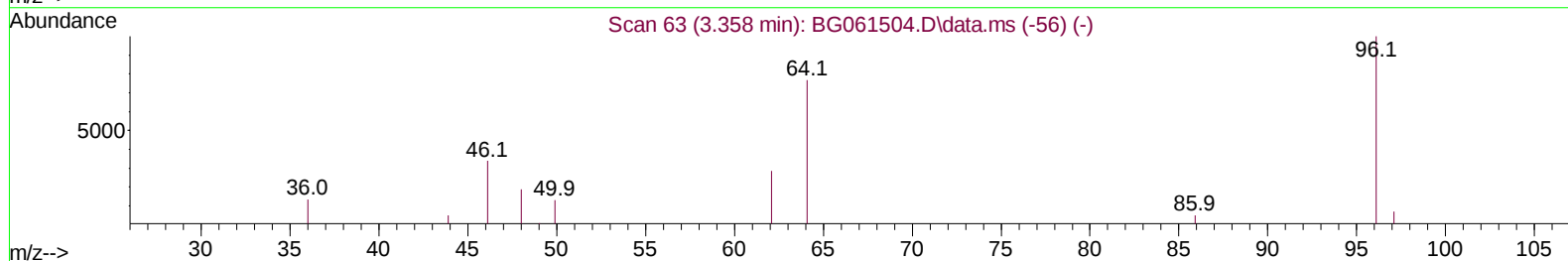
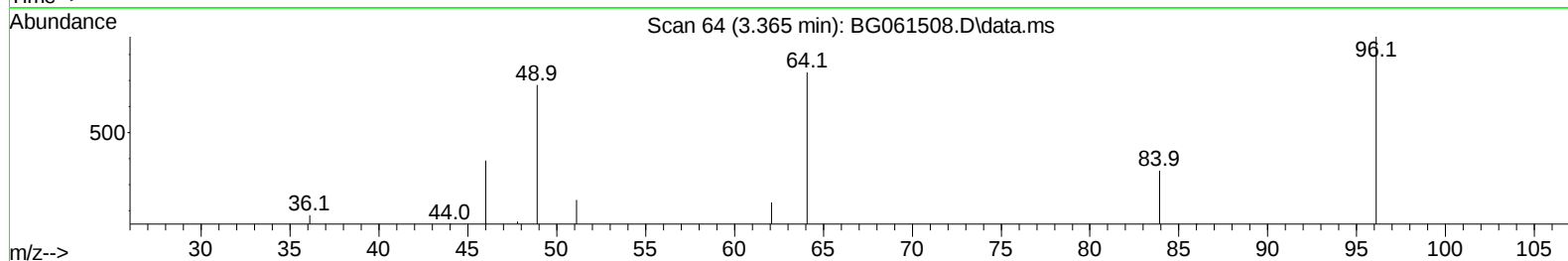
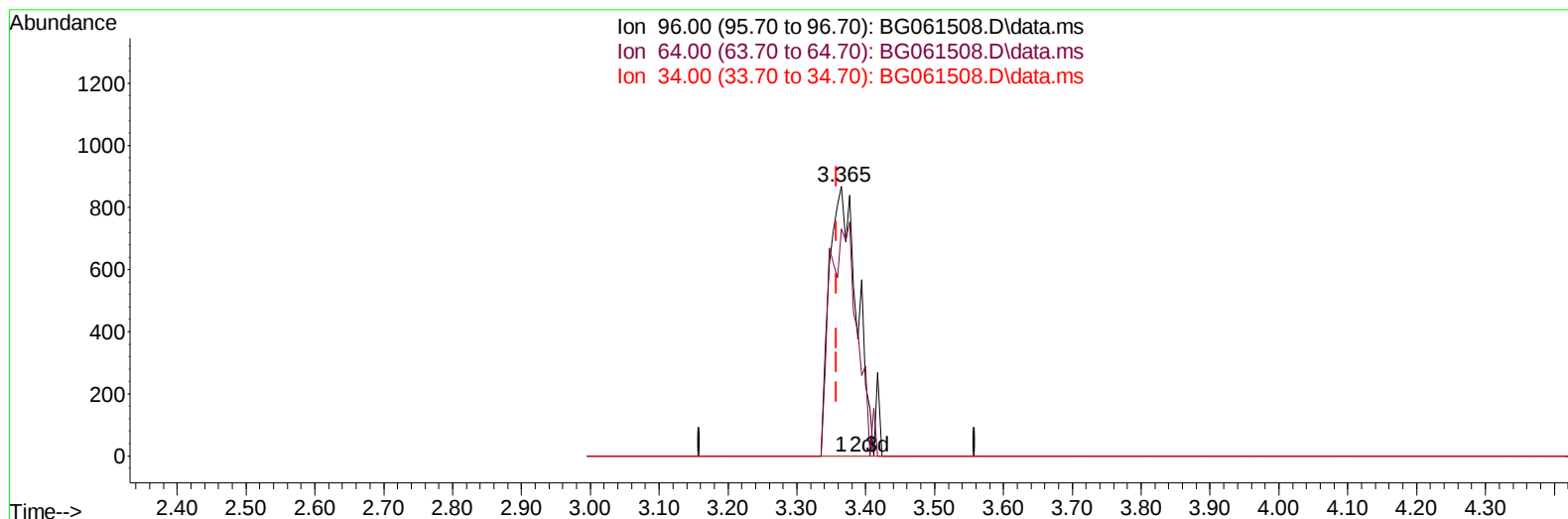
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 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

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

3.365min (+ 0.007) 4.39 ng/uL m

response 2484

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	84.33
34.00	0.00	0.00
0.00	0.00	0.00

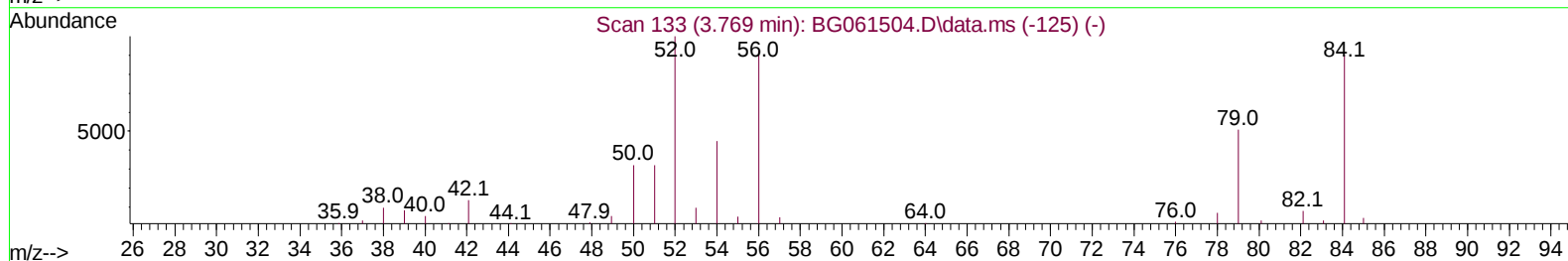
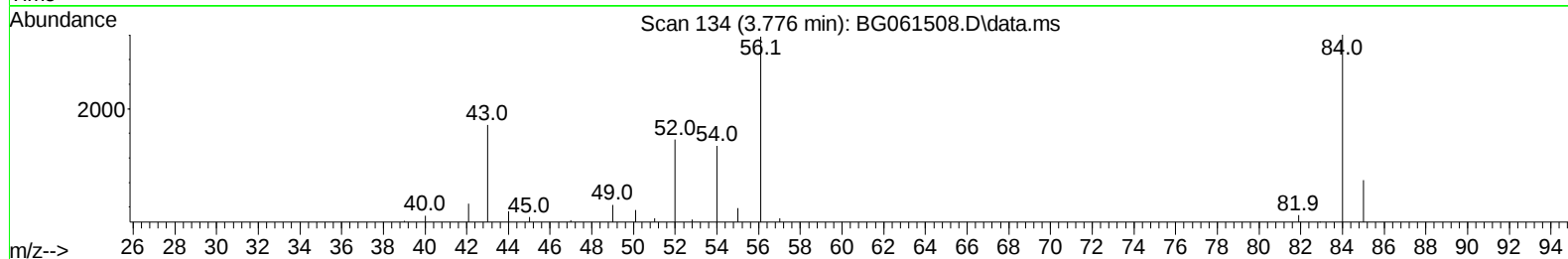
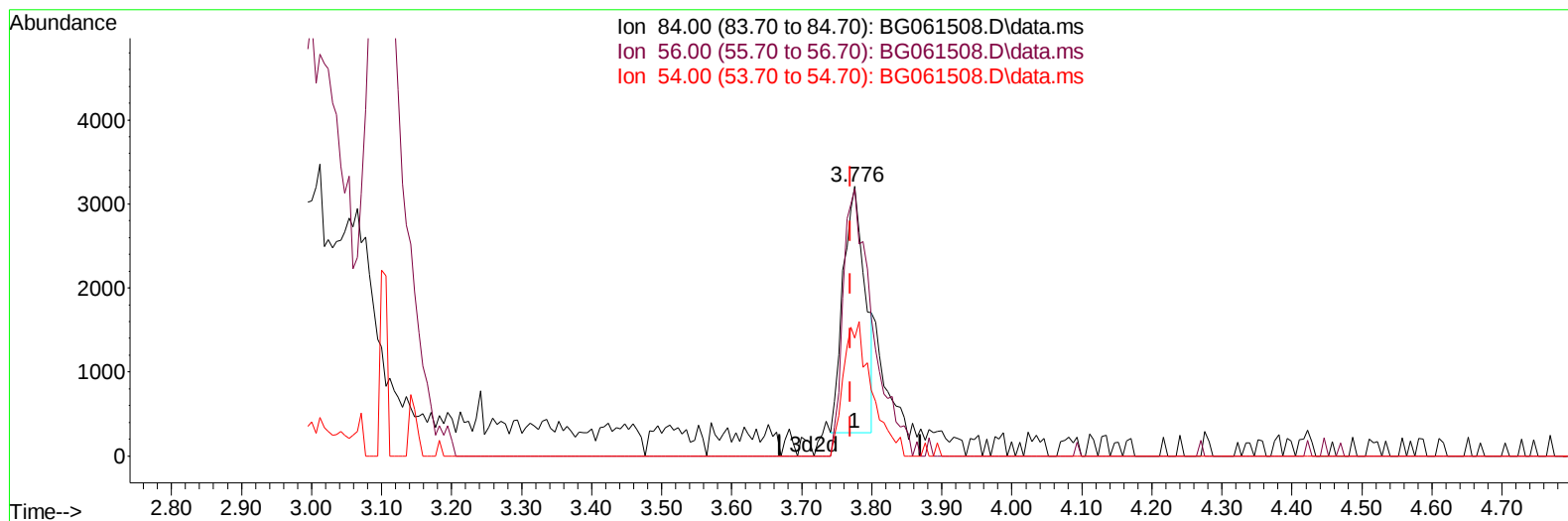
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(4) Pyridine-d5 (S)

3.776min (+ 0.007) 3.18 ng/u1

response 6405

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	99.19
54.00	57.50	43.67#
0.00	0.00	0.00

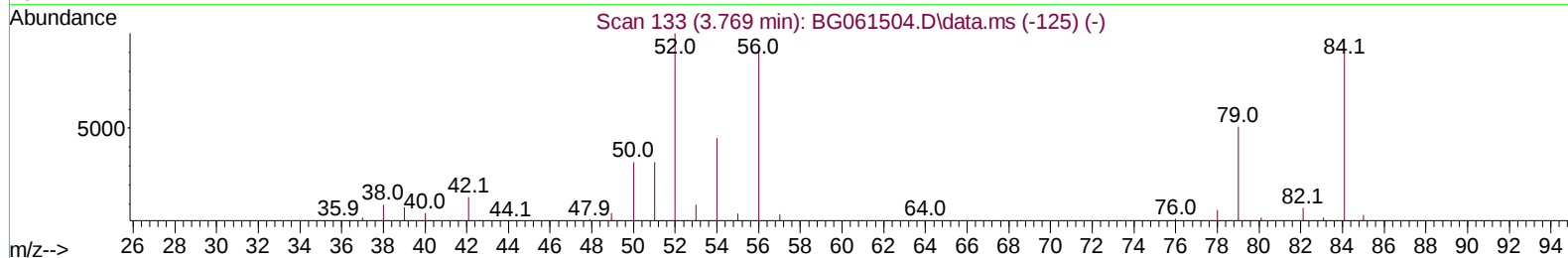
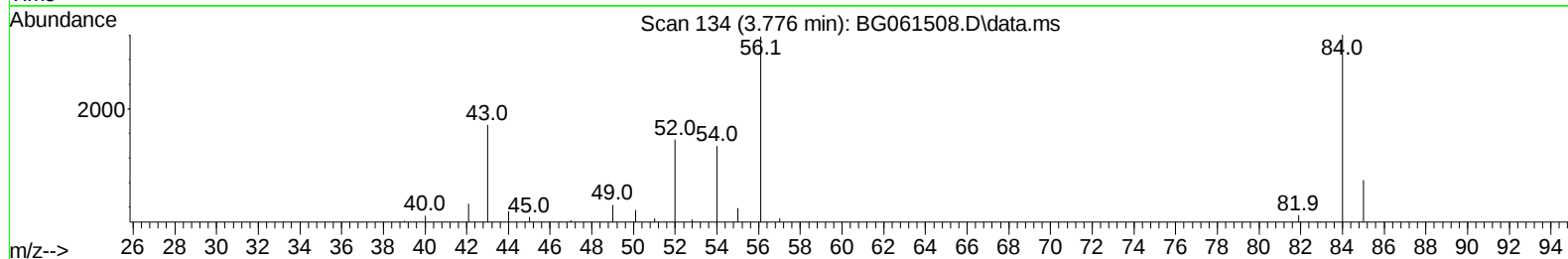
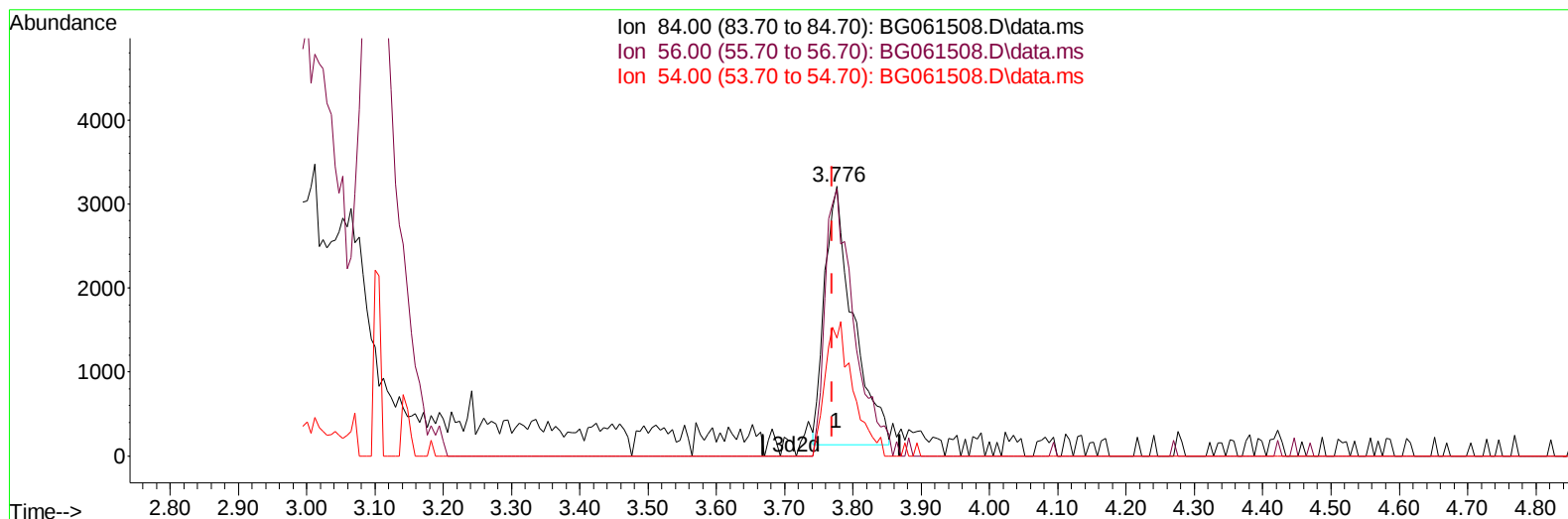
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(4) Pyridine-d5 (S)

3.776min (+ 0.007) 4.42 ng/ul m

response 8913

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	99.19
54.00	57.50	43.67#
0.00	0.00	0.00

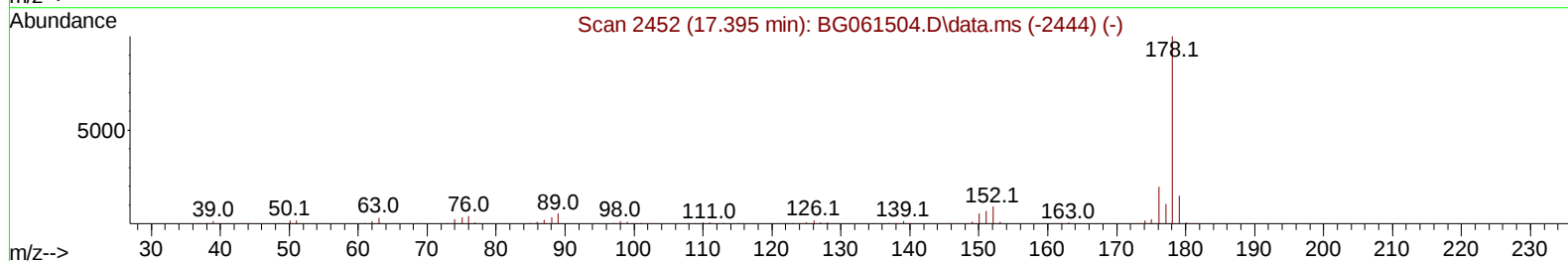
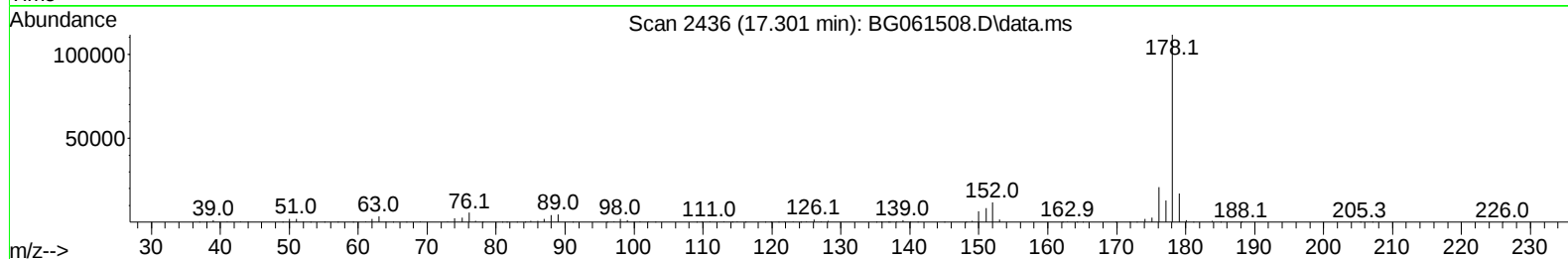
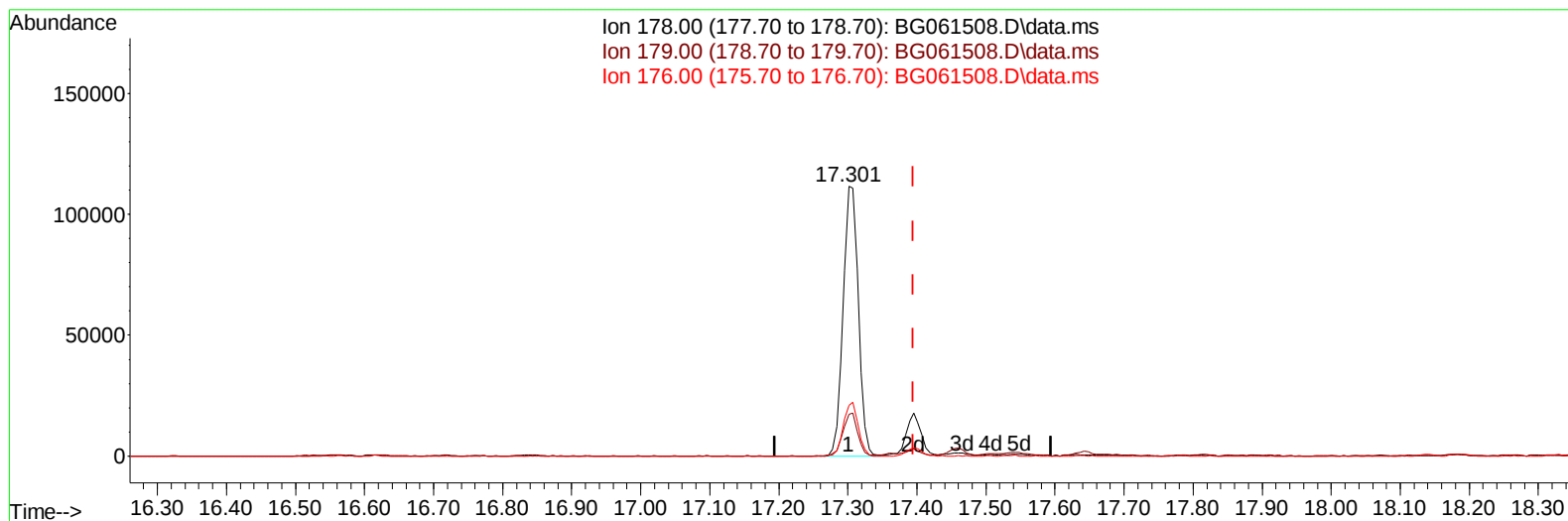
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:33:02 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(74) Anthracene

17.301min (-0.093) 18.78 ng/u1

response 170143

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	15.39
176.00	18.60	18.80
0.00	0.00	0.00

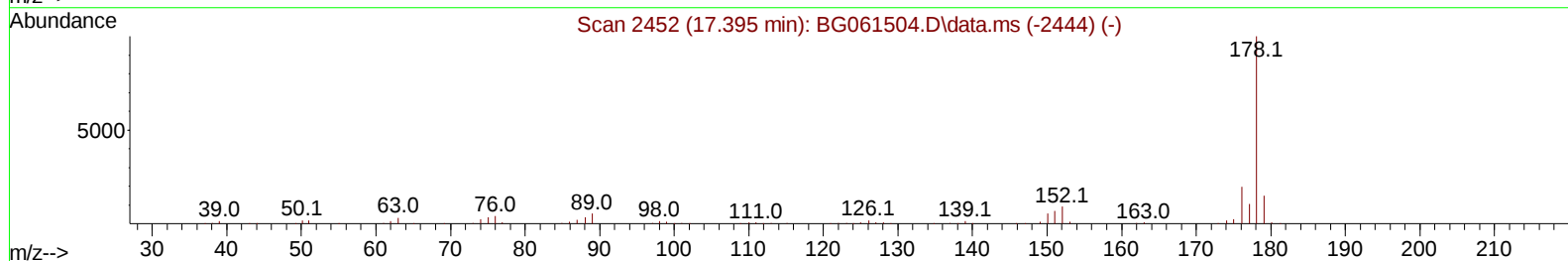
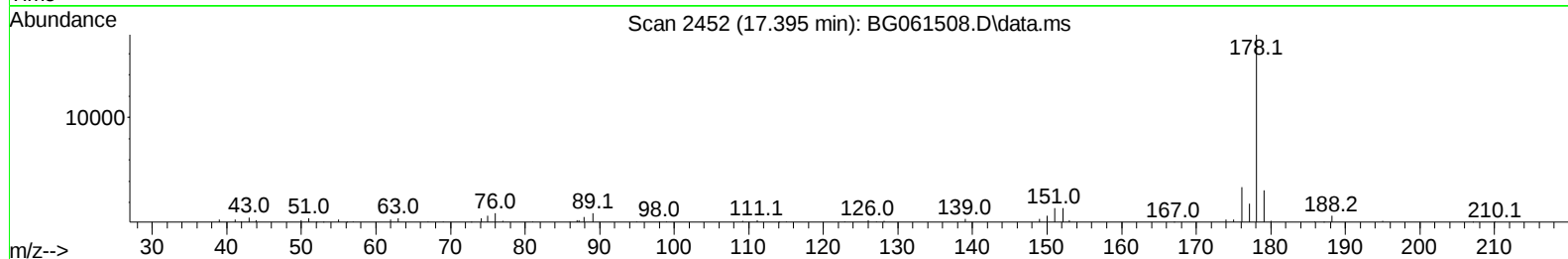
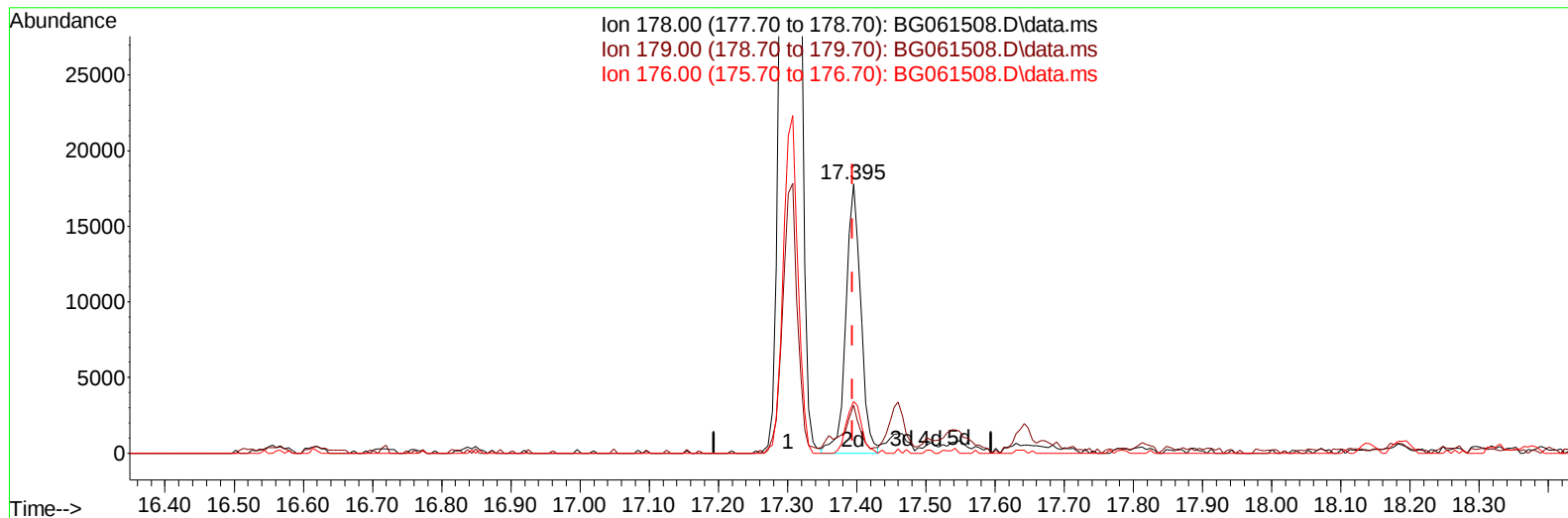
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:33:02 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(74) Anthracene

17.395min (+ 0.001) 2.93 ng/u1 m

response 26510

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	17.74#
176.00	18.60	19.33
0.00	0.00	0.00

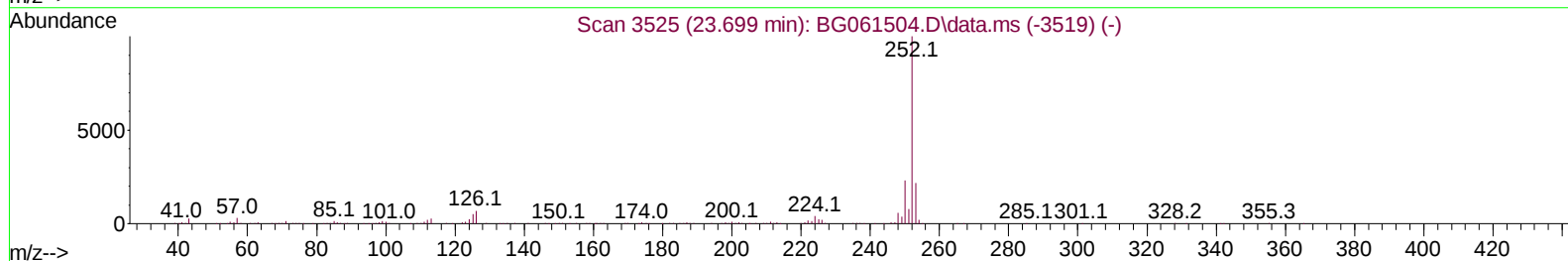
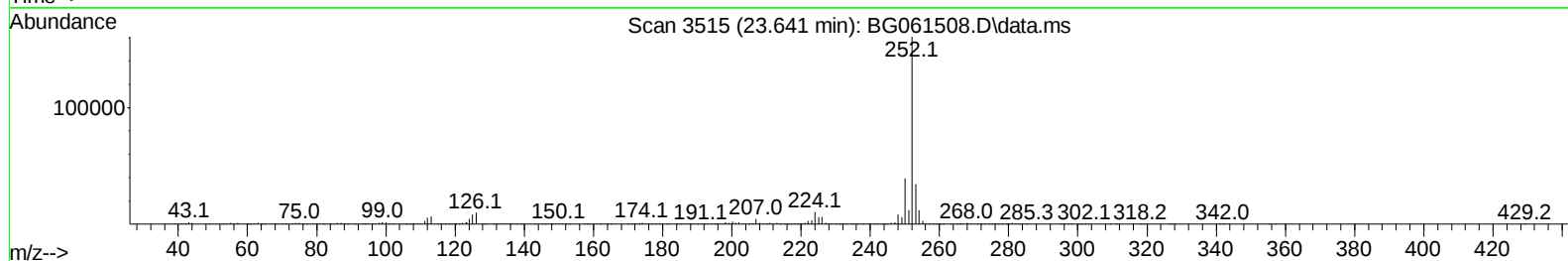
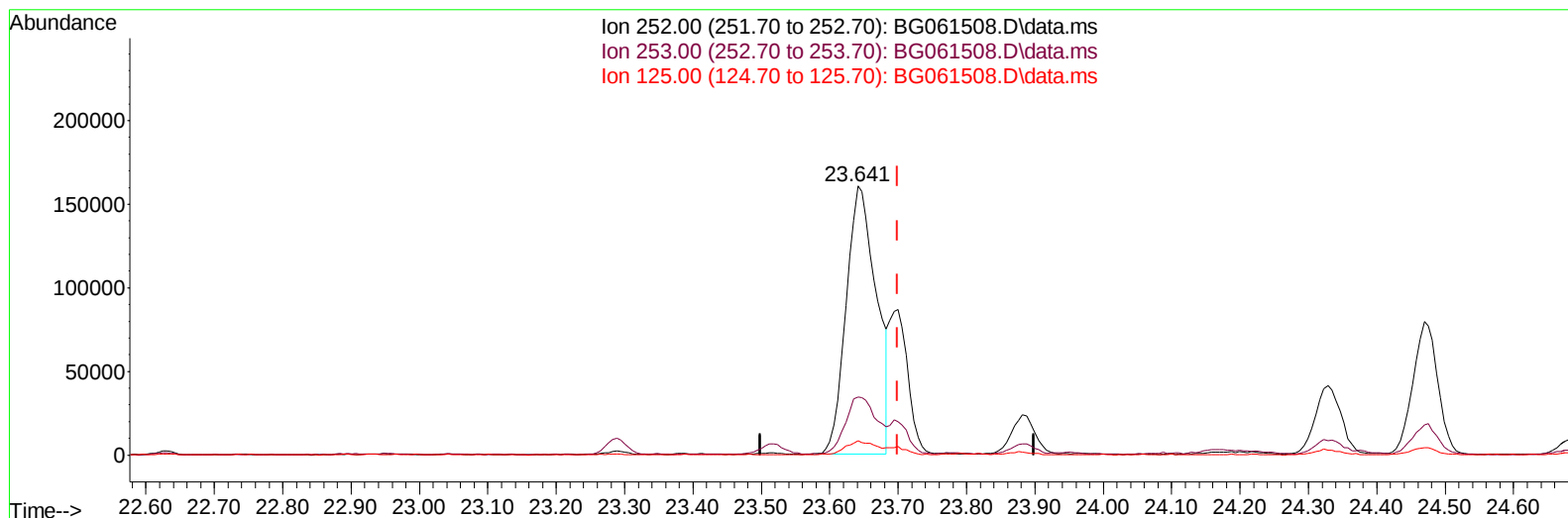
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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

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Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(91) Benzo(k)fluoranthene

23.641min (-0.058) 36.43 ng/u1

response 492663

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.59
125.00	5.40	5.27
0.00	0.00	0.00

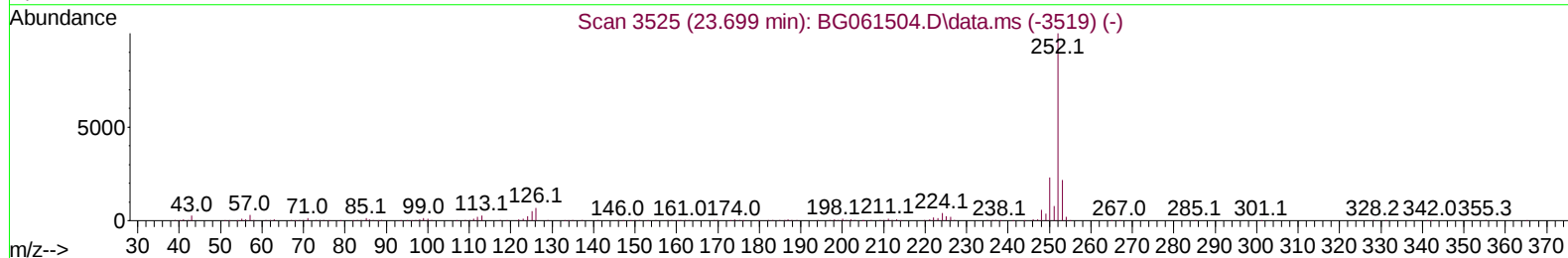
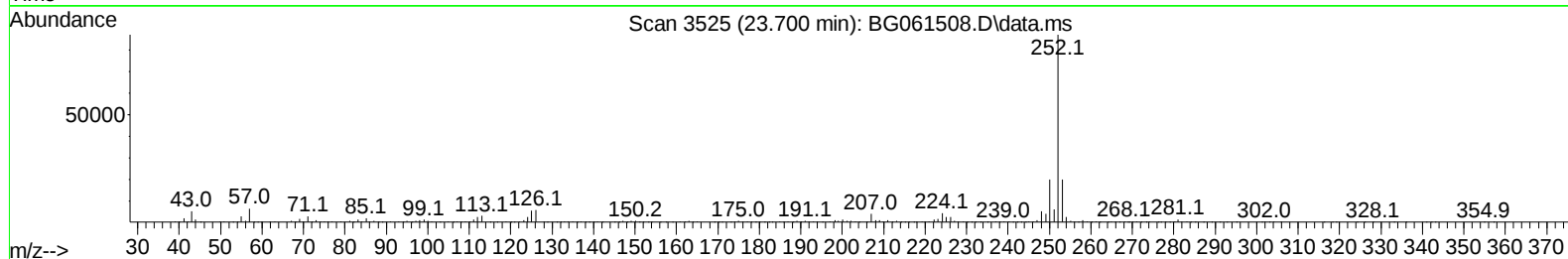
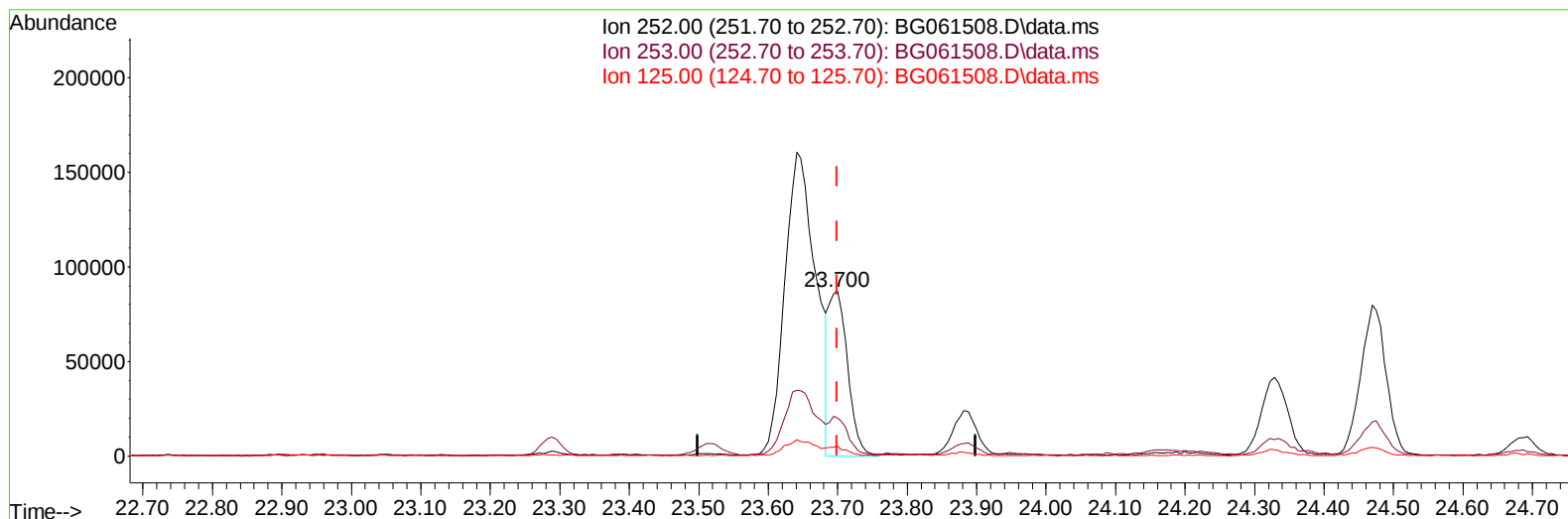
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHY8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(91) Benzo(k)fluoranthene

23.700min (+ 0.001) 12.22 ng/ul m

response 165202

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.94
125.00	5.40	6.11
0.00	0.00	0.00

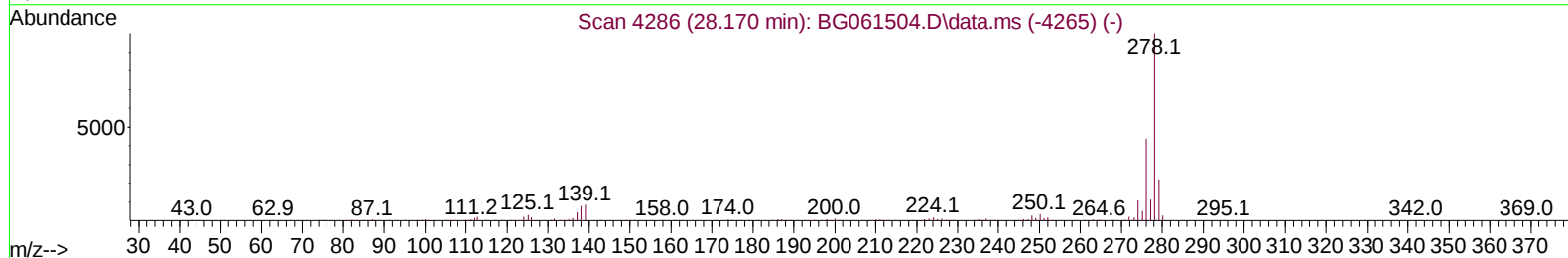
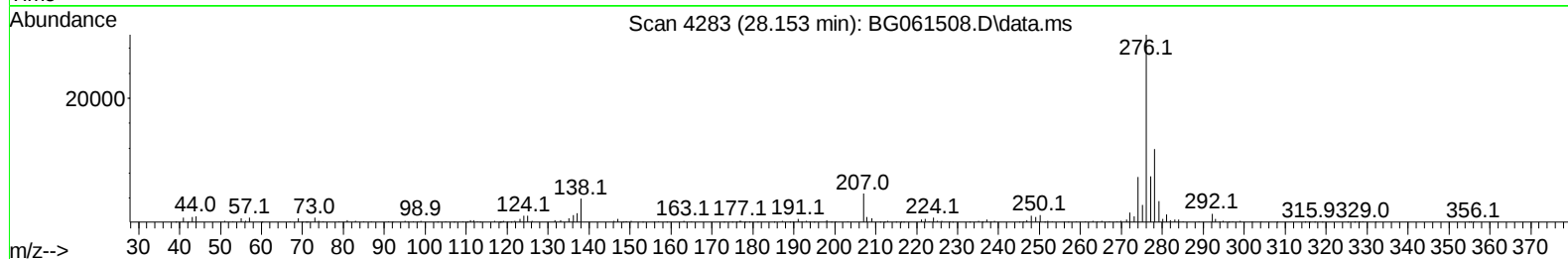
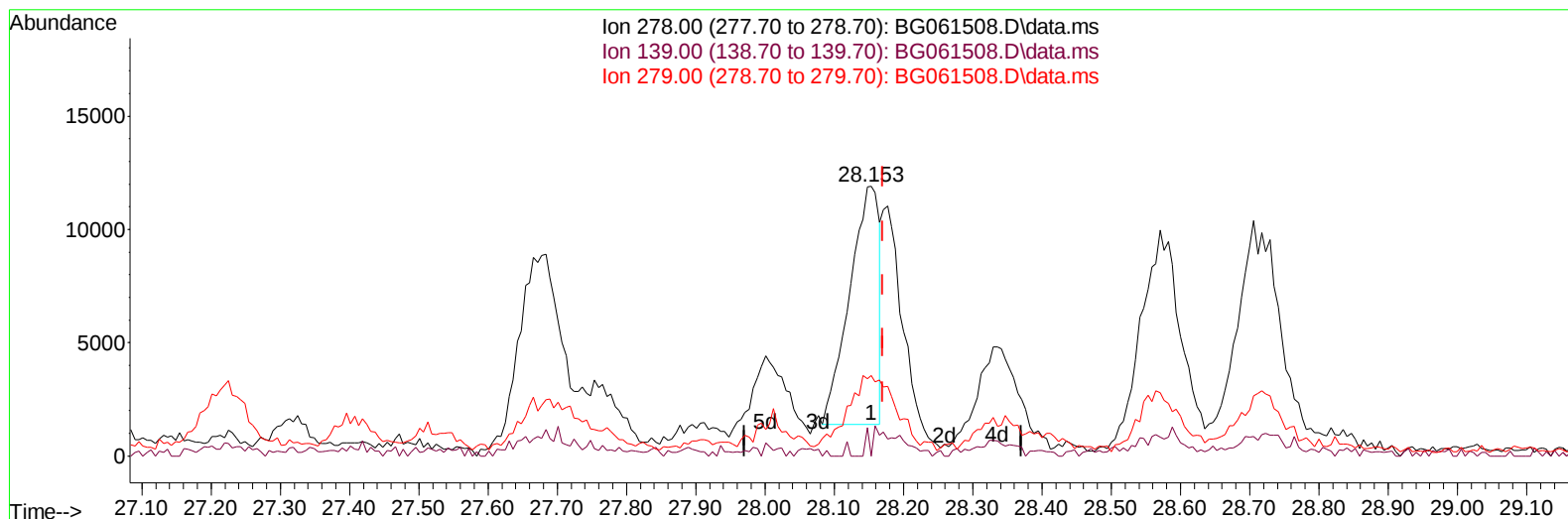
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061508.D
 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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
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 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(95) Dibenzo(a,h)anthracene

28.153min (-0.017) 2.45 ng/u1

response 30936

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	29.75
0.00	0.00	0.00

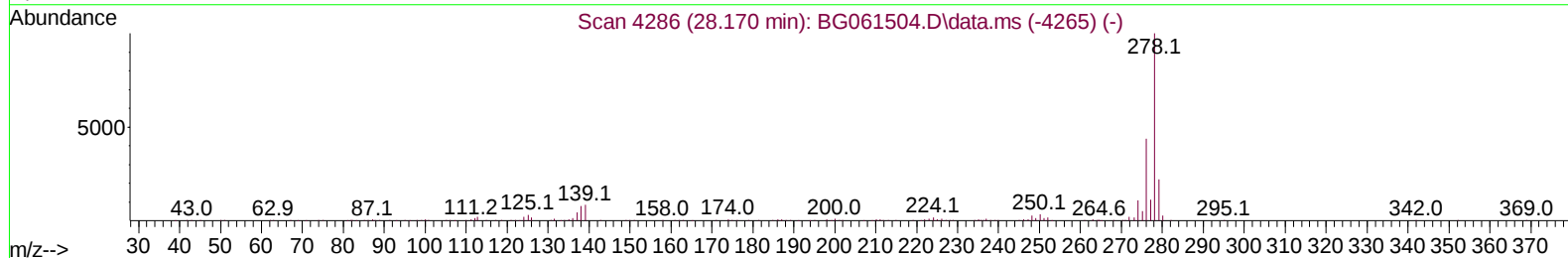
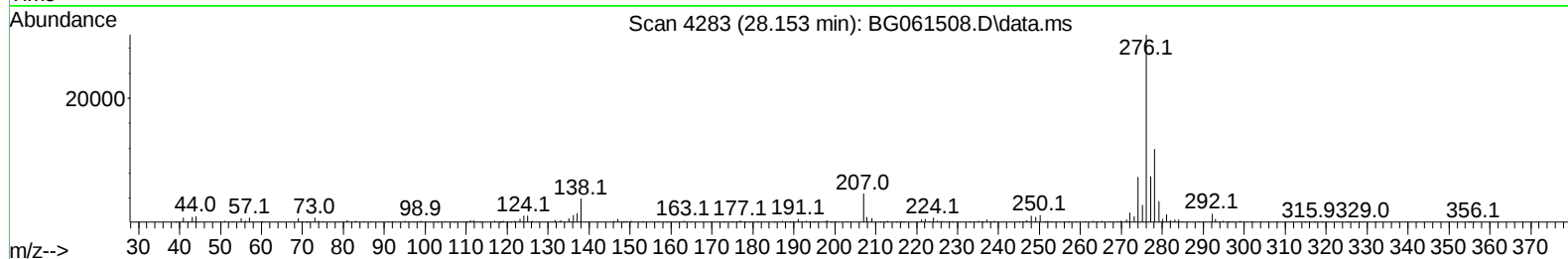
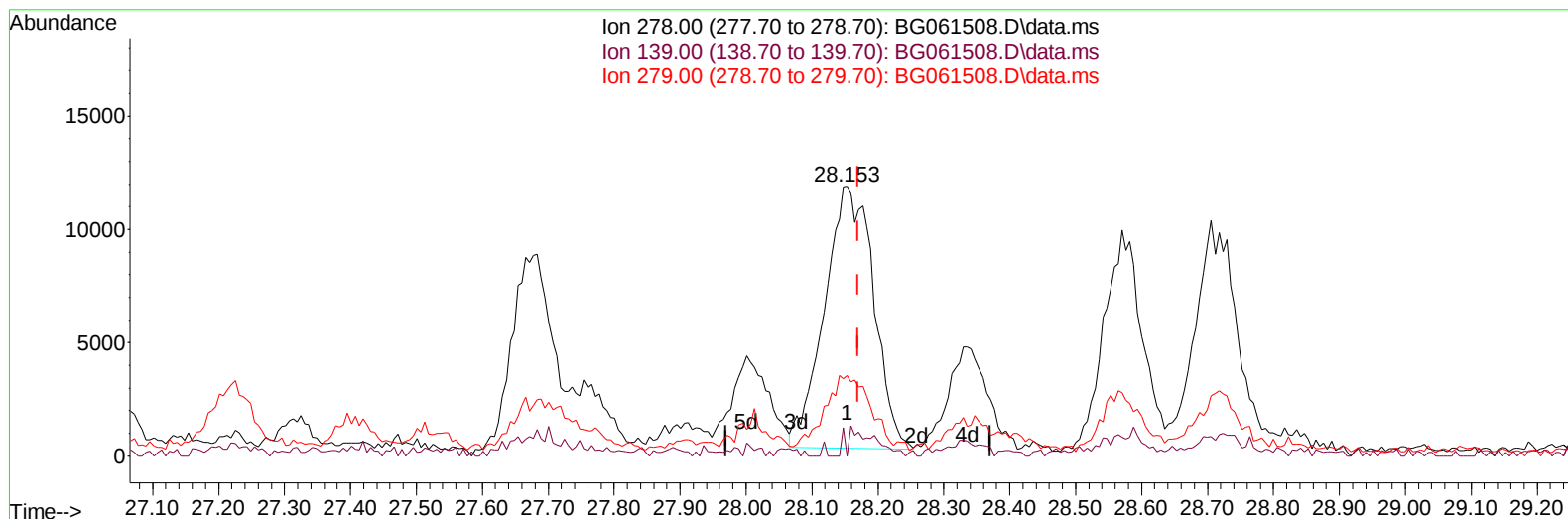
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

(95) Dibenzo(a,h)anthracene

28.153min (-0.017) 4.74 ng/u1 m

response 59838

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	29.75
0.00	0.00	0.00

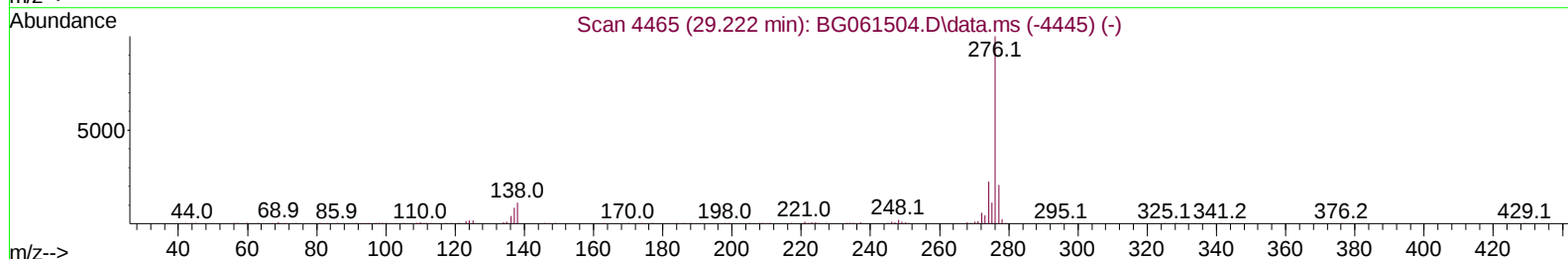
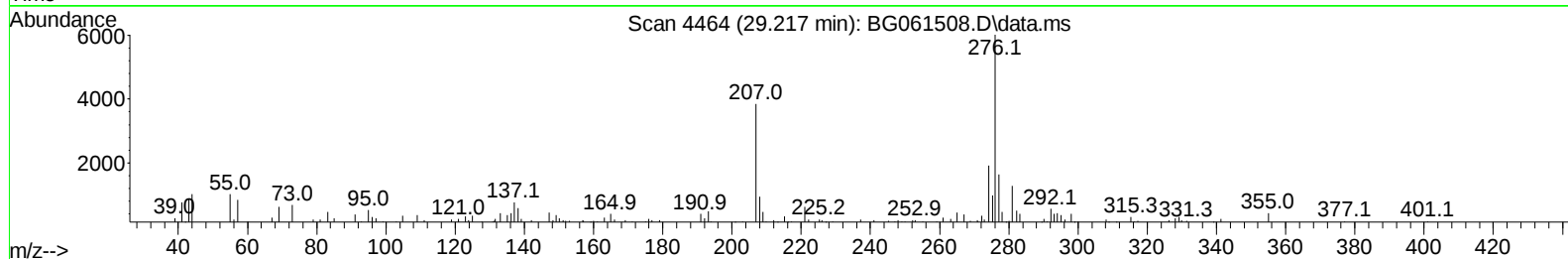
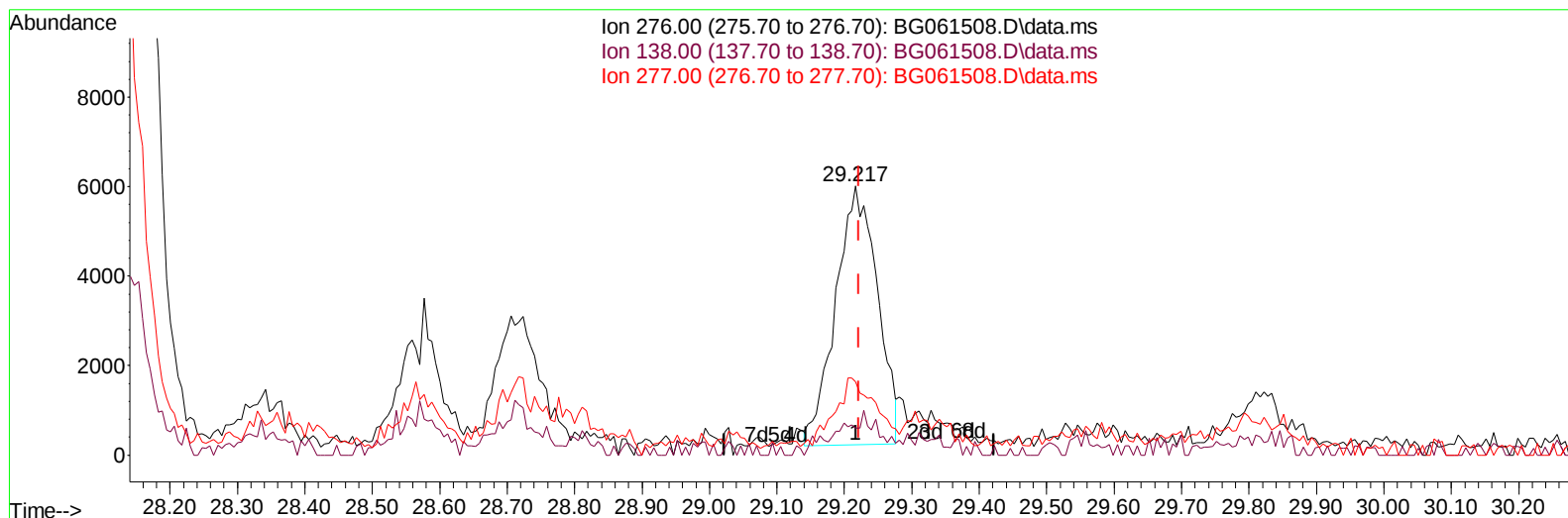
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

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

29.217min (-0.005) 2.04 ng/u1

response 24792

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.93
277.00	22.70	27.17
0.00	0.00	0.00

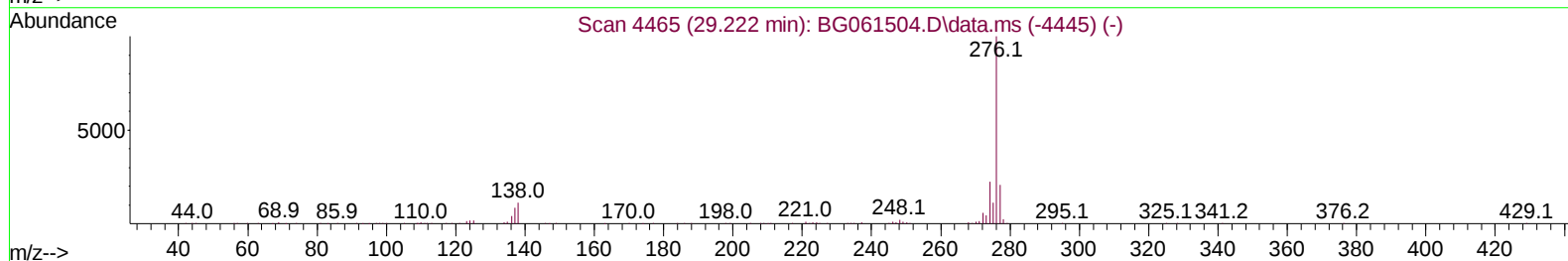
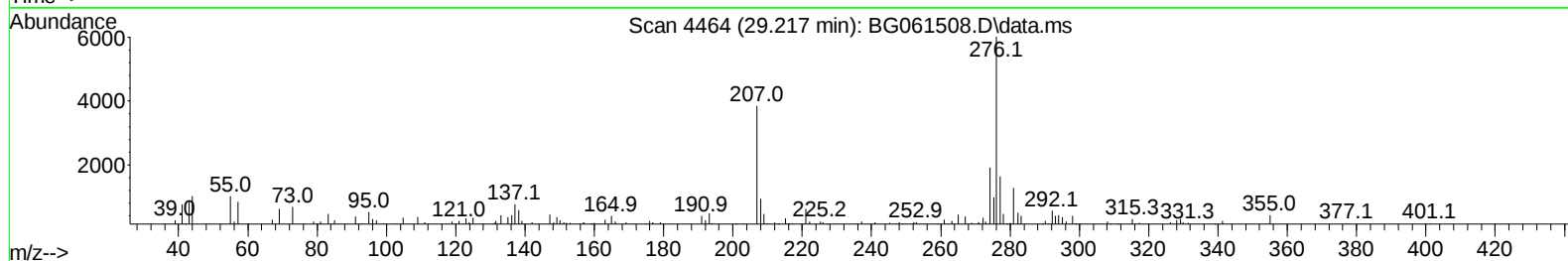
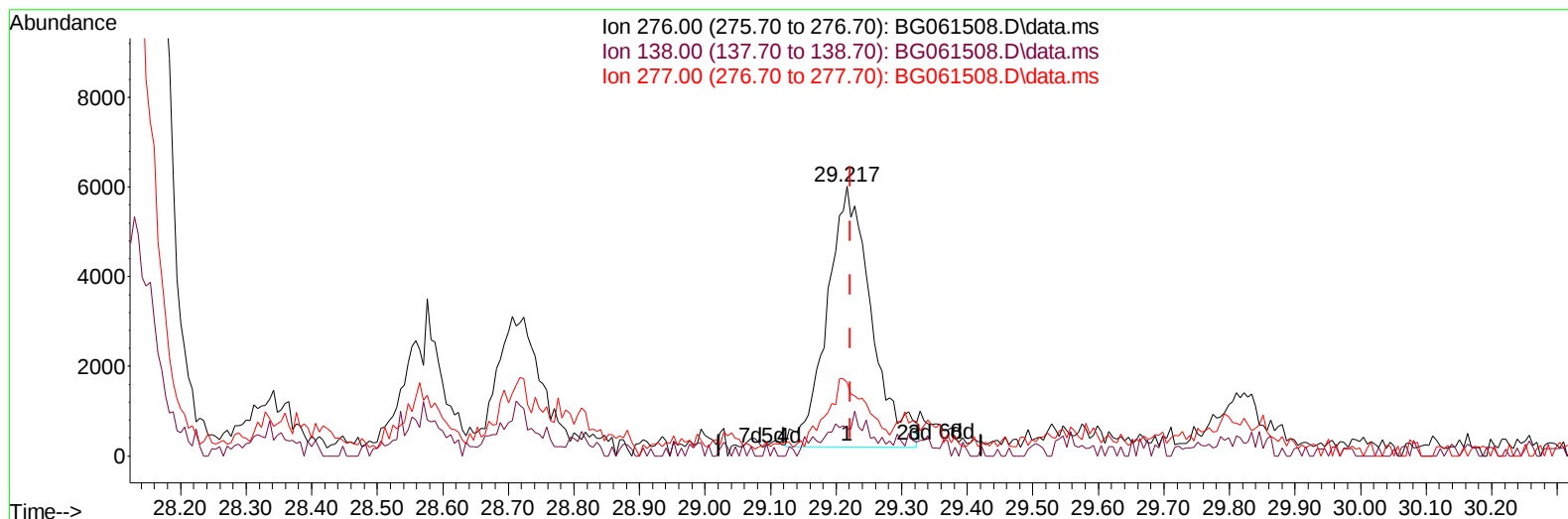
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 14:29:24 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061508.D\data.ms

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

29.217min (-0.005) 2.26 ng/ul m

response 27496

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.93
277.00	22.70	27.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061508.D
 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBYS

Manual IntegrationsAPPROVED

Quant Time: Jun 06 23:13:49 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	31695	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	115443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	79519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	180536	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	197267	20.000	ng/ul	0.00
88) Perylene-d12	24.616	264	223715	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	2484m	4.386	ng/uL	0.00
4) Pyridine-d5	3.776	84	8913m	4.424	ng/ul	0.00
7) Phenol-d5	7.072	99	55453	21.305	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	36075	22.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	46520	24.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	41185	18.557	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	23873	26.859	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	28494	27.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	52543	25.909	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	22253	8.387	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	159782	25.908	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	173029	26.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	16629	21.809	ng/ul	0.00
60) Fluorene-d10	15.503	176	136760	25.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	19537	17.892	ng/ul	0.00
73) Anthracene-d10	17.360	188	221671	27.851	ng/ul	0.00
81) Pyrene-d10	19.657	212	241025	23.796	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	206142	19.167	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.694	105	8180	2.160	ng/ul#	87
30) Naphthalene	10.715	128	6468	1.061	ng/ul	97
50) Acenaphthylene	14.234	152	8519	1.198	ng/ul#	94
52) Acenaphthene	14.575	153	6184	1.326	ng/ul	97
72) Phenanthrene	17.301	178	170143	19.417	ng/ul	99
74) Anthracene	17.395	178	26510m	2.926	ng/ul	
77) Carbazole	17.672	167	15282	2.074	ng/ul	96
80) Fluoranthene	19.323	202	596492	49.091	ng/ul	99
82) Pyrene	19.687	202	460931	36.545	ng/ul	98
83) Butylbenzylphthalate	20.574	149	9899	2.285	ng/ul	96
85) Benzo(a)anthracene	21.502	228	311431	22.880	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	37614	5.865	ng/ul	97
87) Chrysene	21.567	228	348545	27.810	ng/ul	97
90) Benzo(b)fluoranthene	23.641	252	492663	36.987	ng/ul	99
91) Benzo(k)fluoranthene	23.700	252	165202m	12.217	ng/ul	
93) Benzo(a)pyrene	24.469	252	200764	15.873	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.124	276	192361	12.576	ng/ul	98
95) Dibenzo(a,h)anthracene	28.153	278	59838m	4.745	ng/ul	
96) Benzo(g,h,i)perylene	29.217	276	27496m	2.260	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061508.D
 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBY8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 23:13:49 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

