

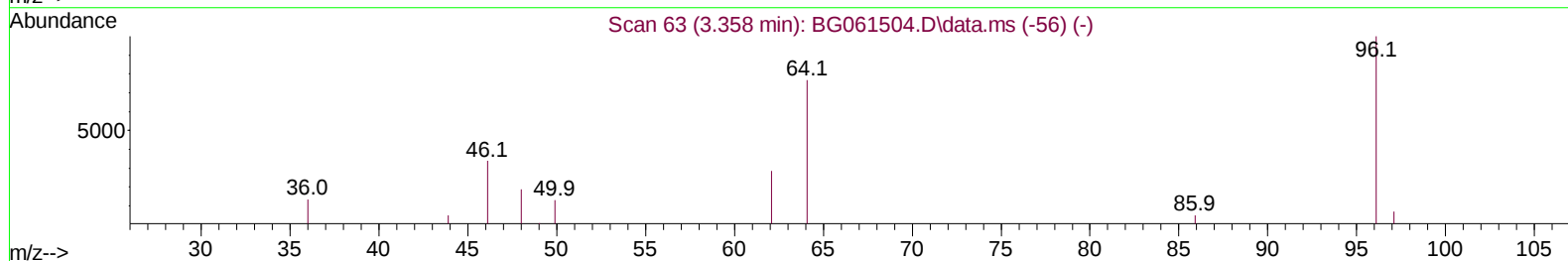
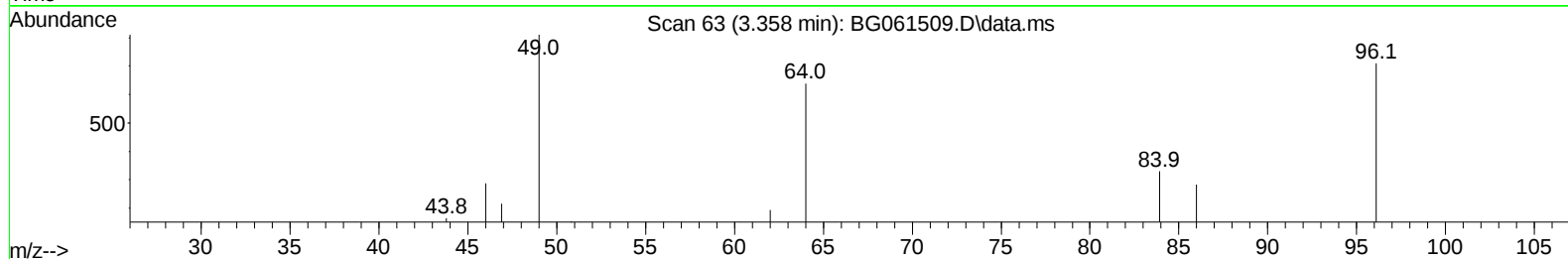
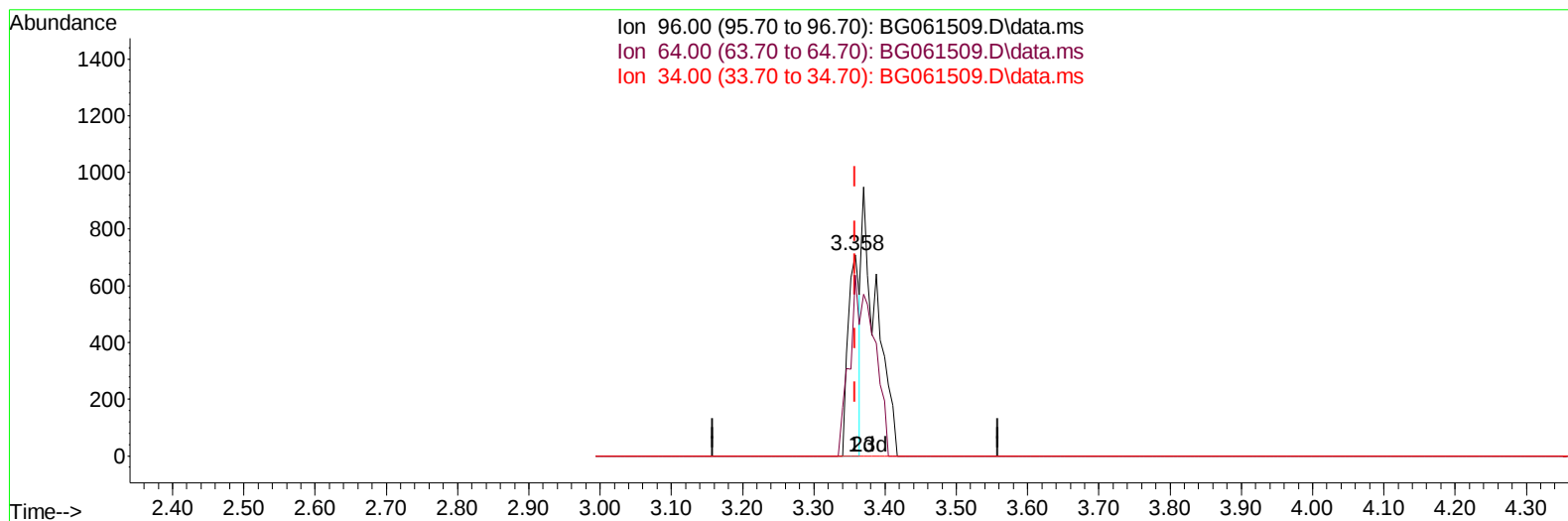
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:05:42 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: BG061509.D\data.ms

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

3.358min (-0.000) 1.39 ng/uL

response 799

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	89.86
34.00	0.00	0.00
0.00	0.00	0.00

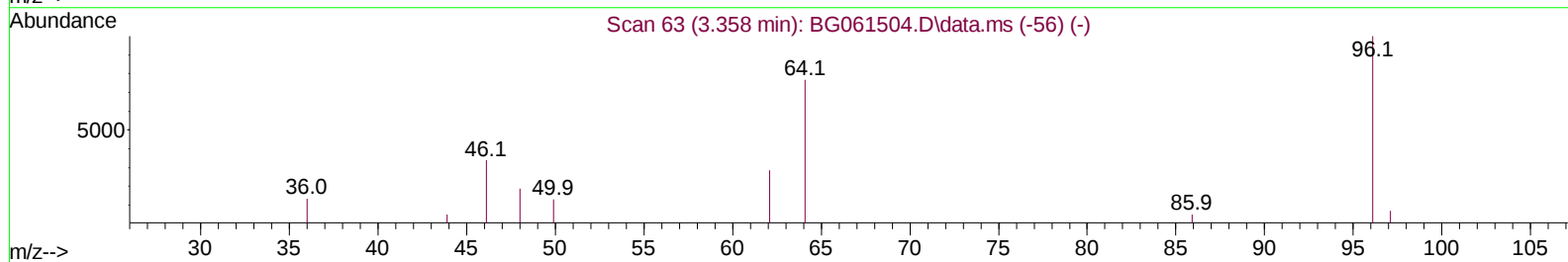
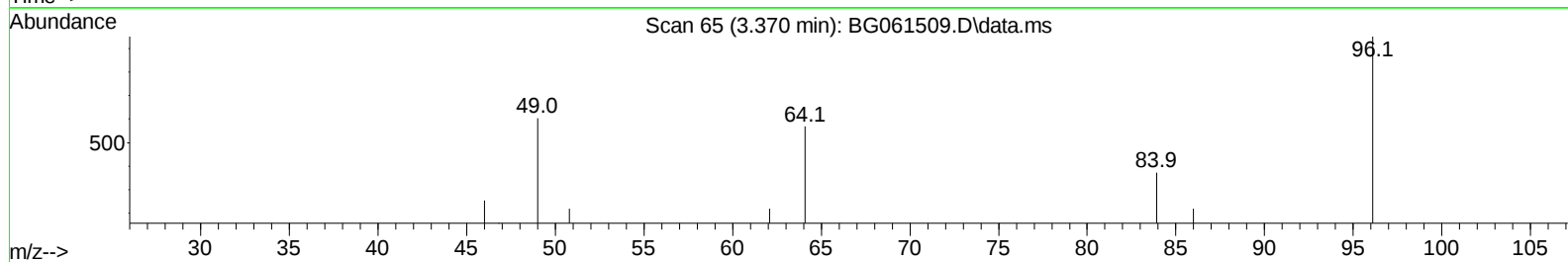
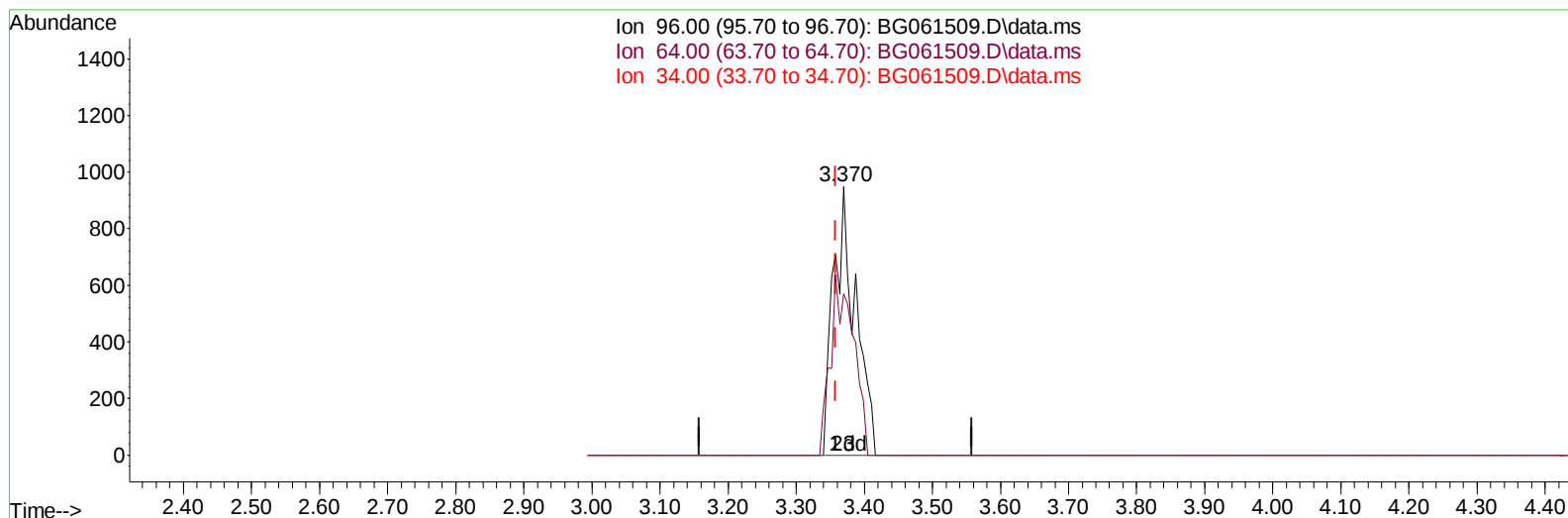
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:05:42 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061509.D\data.ms

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

3.370min (+ 0.012) 3.74 ng/uL m

response 2154

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	60.00#
34.00	0.00	0.00
0.00	0.00	0.00

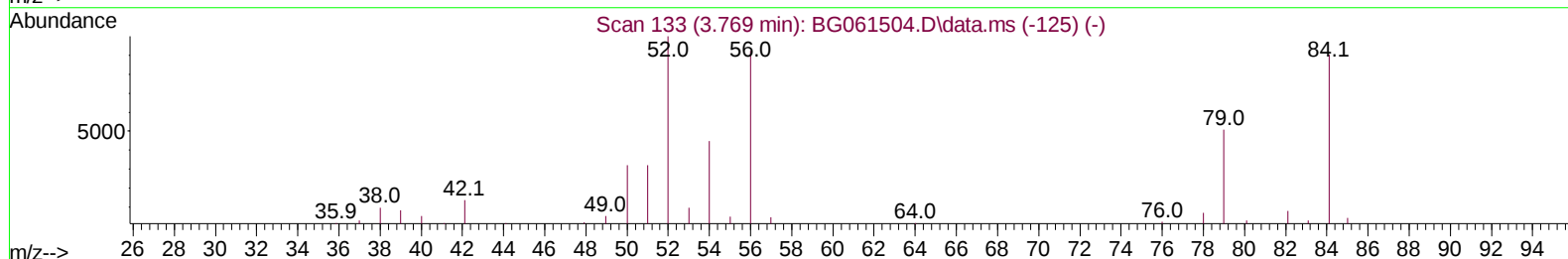
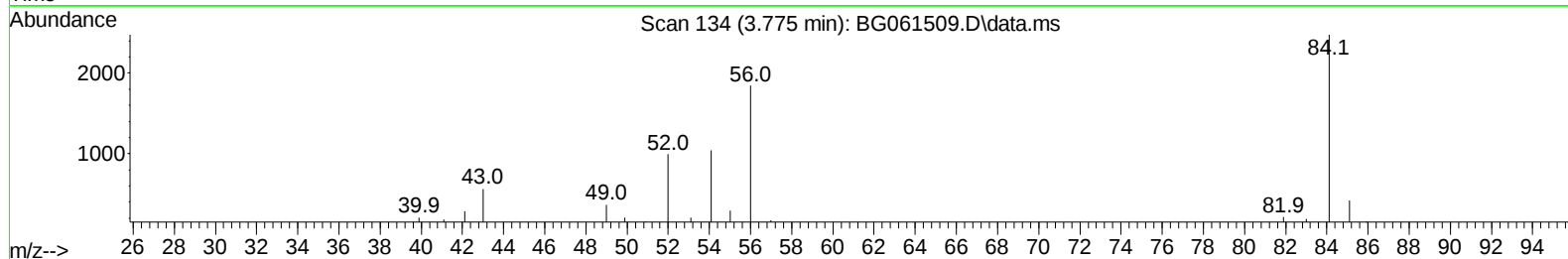
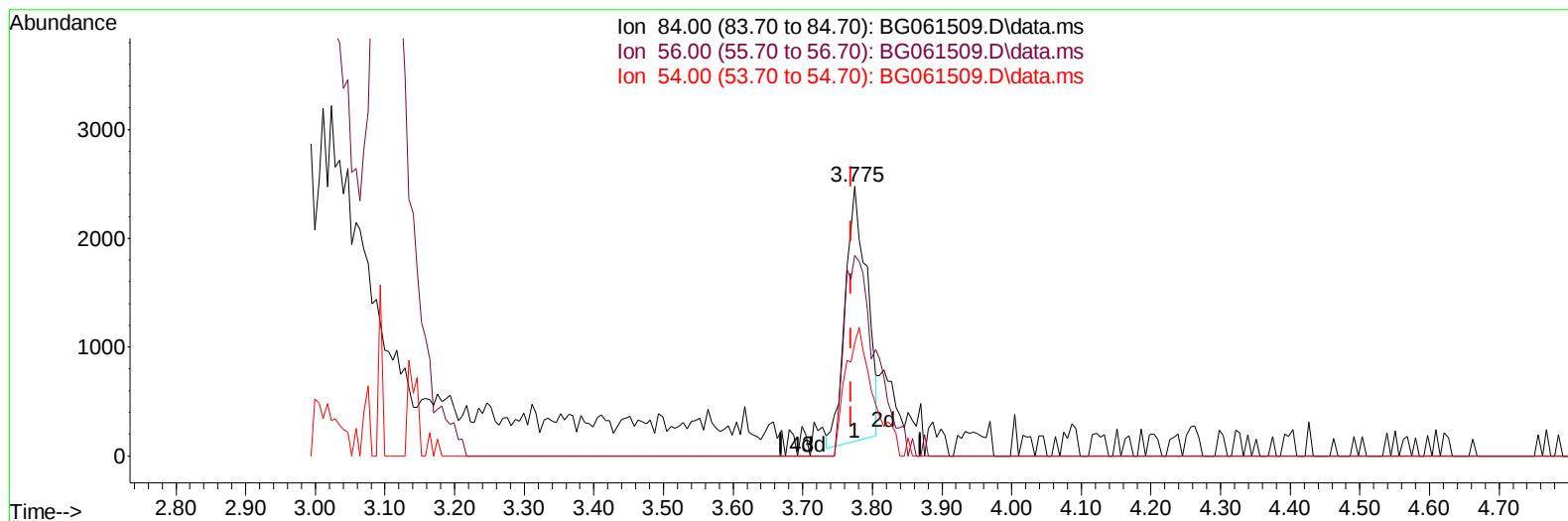
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:05:42 2024
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TIC: BG061509.D\data.ms

(4) Pyridine-d5 (S)

3.775min (+ 0.006) 2.47 ng/u1

response 5051

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	74.47#
54.00	57.50	41.96#
0.00	0.00	0.00

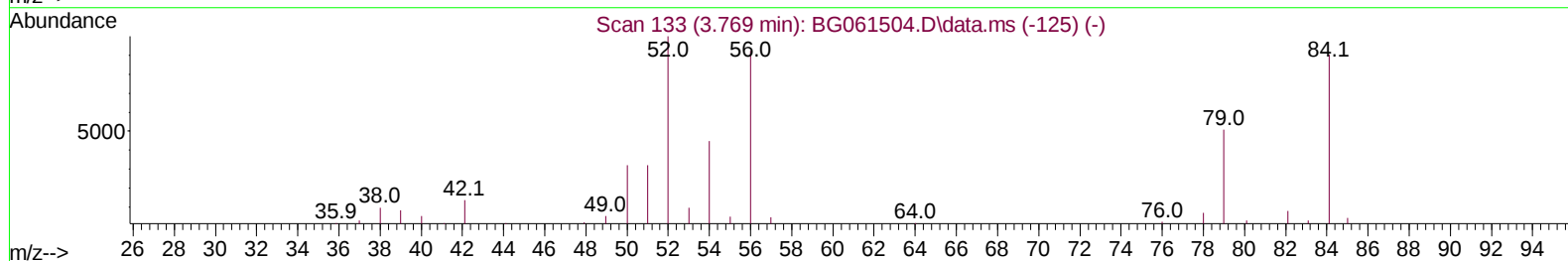
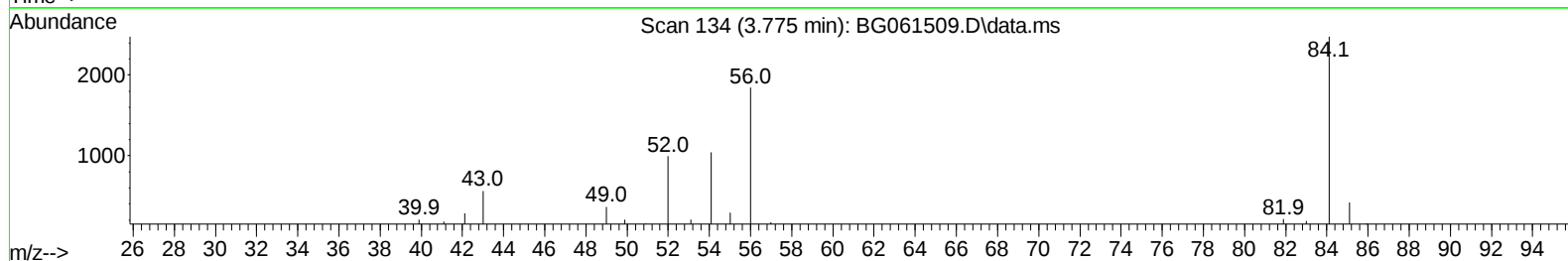
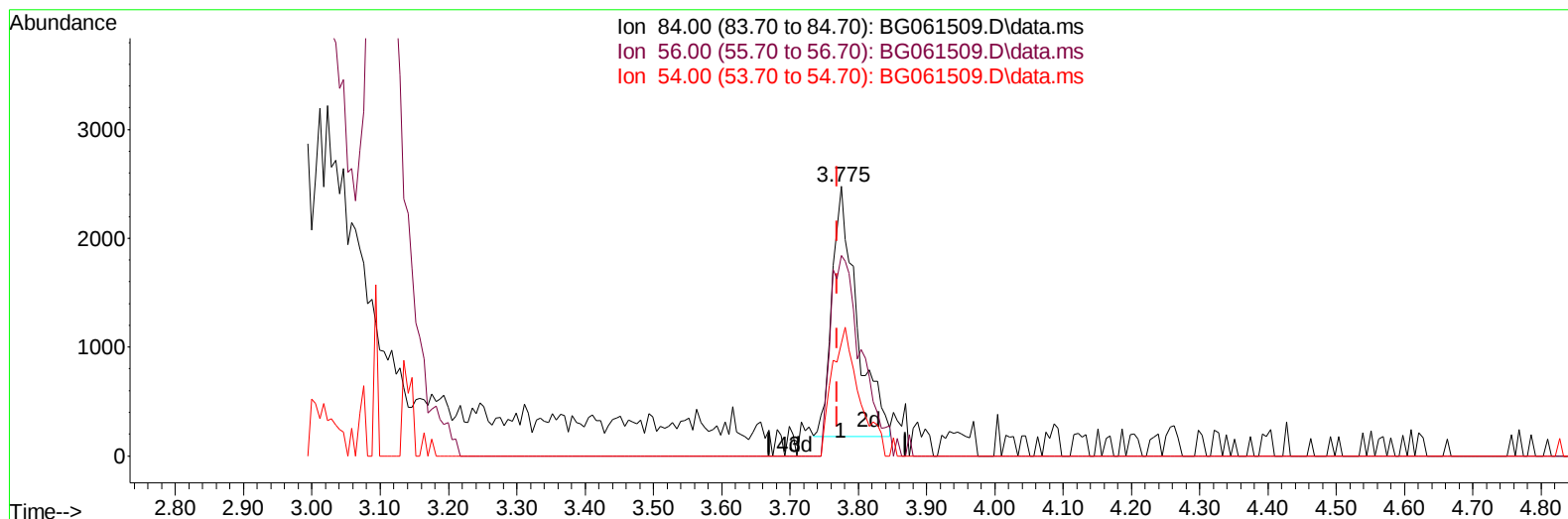
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:05:42 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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Reviewed By :Jagrut Upadhyay 06/07/2024
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TIC: BG061509.D\data.ms

(4) Pyridine-d5 (S)

3.775min (+ 0.006) 2.83 ng/u1 m

response 5802

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	74.47#
54.00	57.50	41.96#
0.00	0.00	0.00

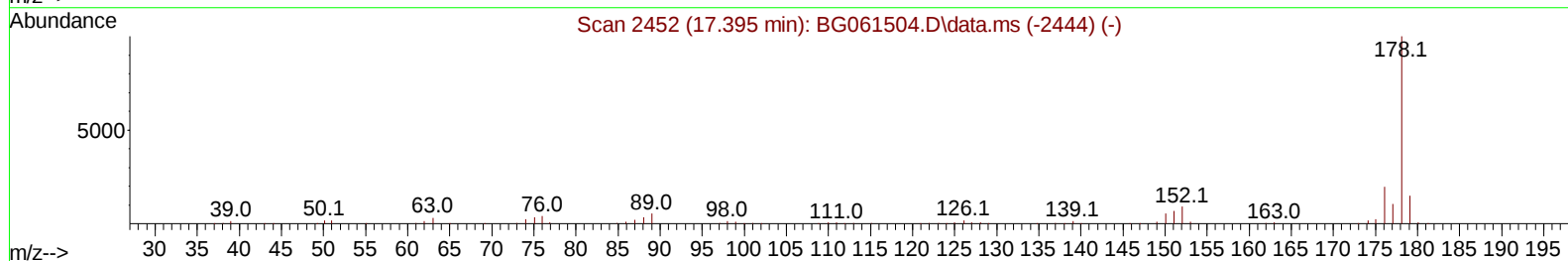
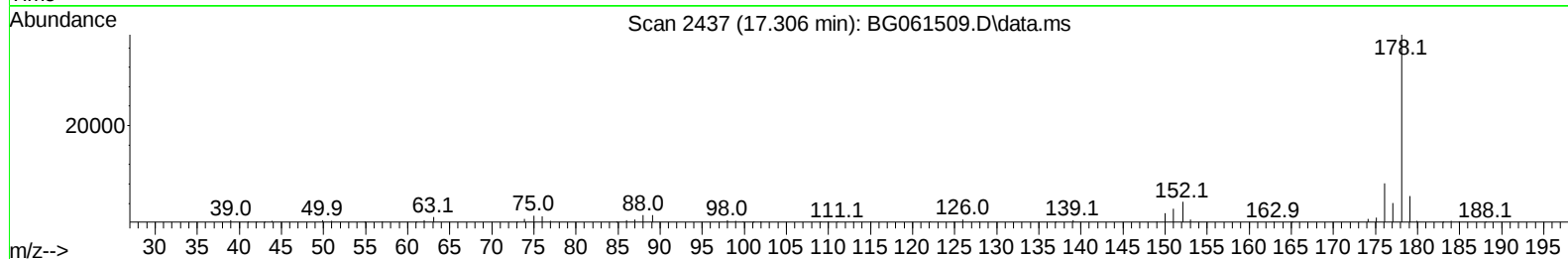
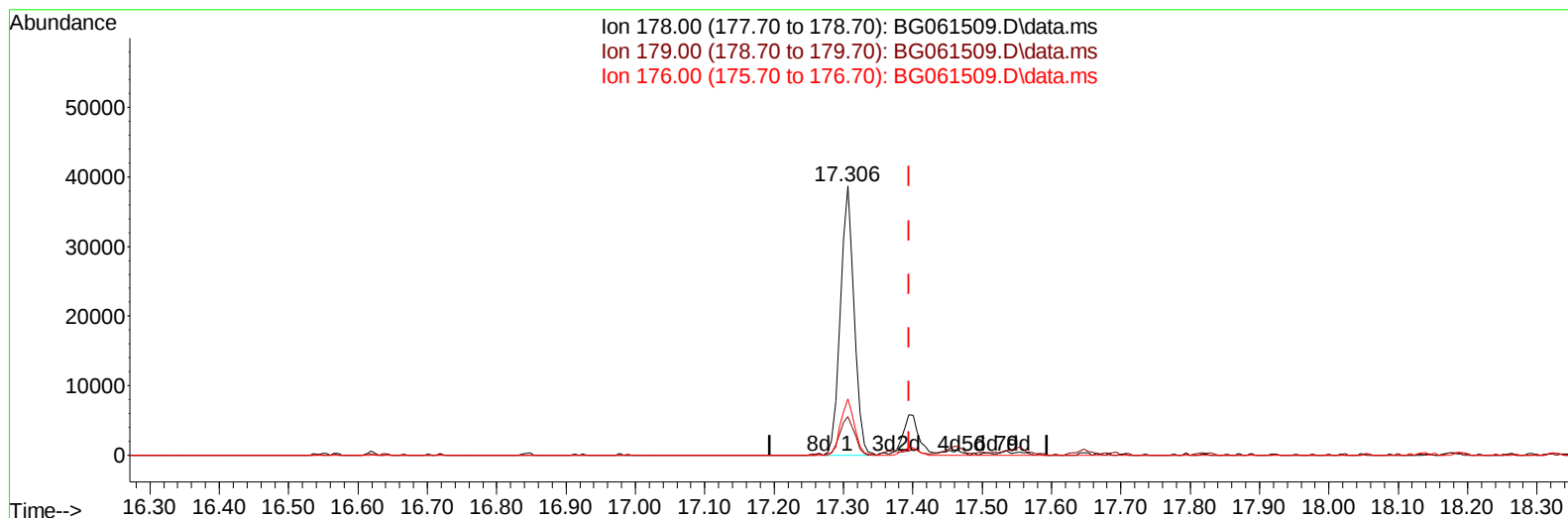
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061509.D
 Acq On : 6 Jun 2024 14:16
 Operator : MA/JU
 Sample : P2635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:08:52 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: BG061509.D\data.ms

(74) Anthracene

17.306min (-0.088) 5.76 ng/u1

response 52975

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	14.21
176.00	18.60	20.94
0.00	0.00	0.00

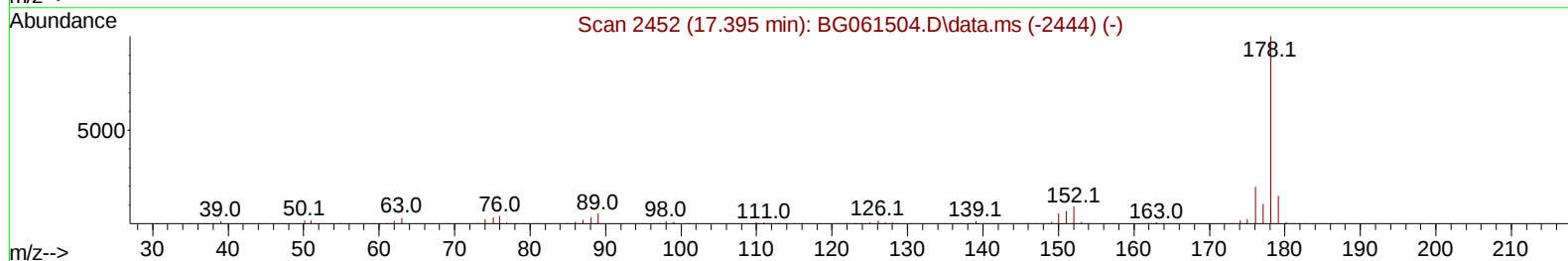
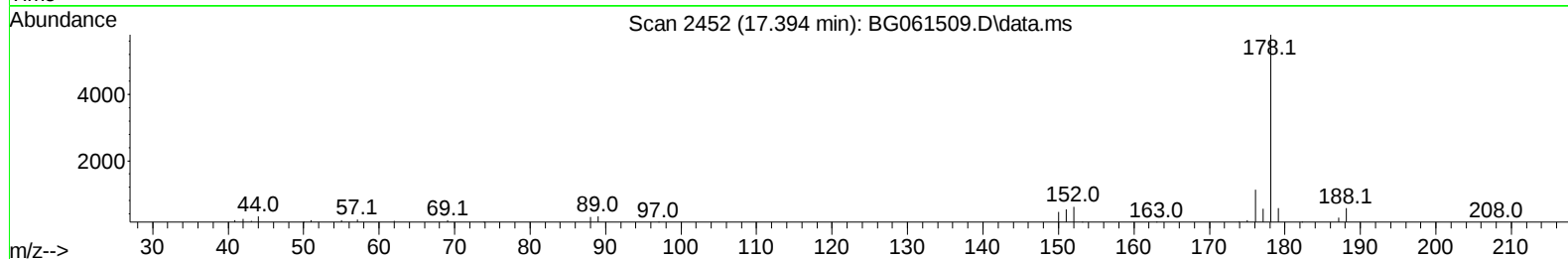
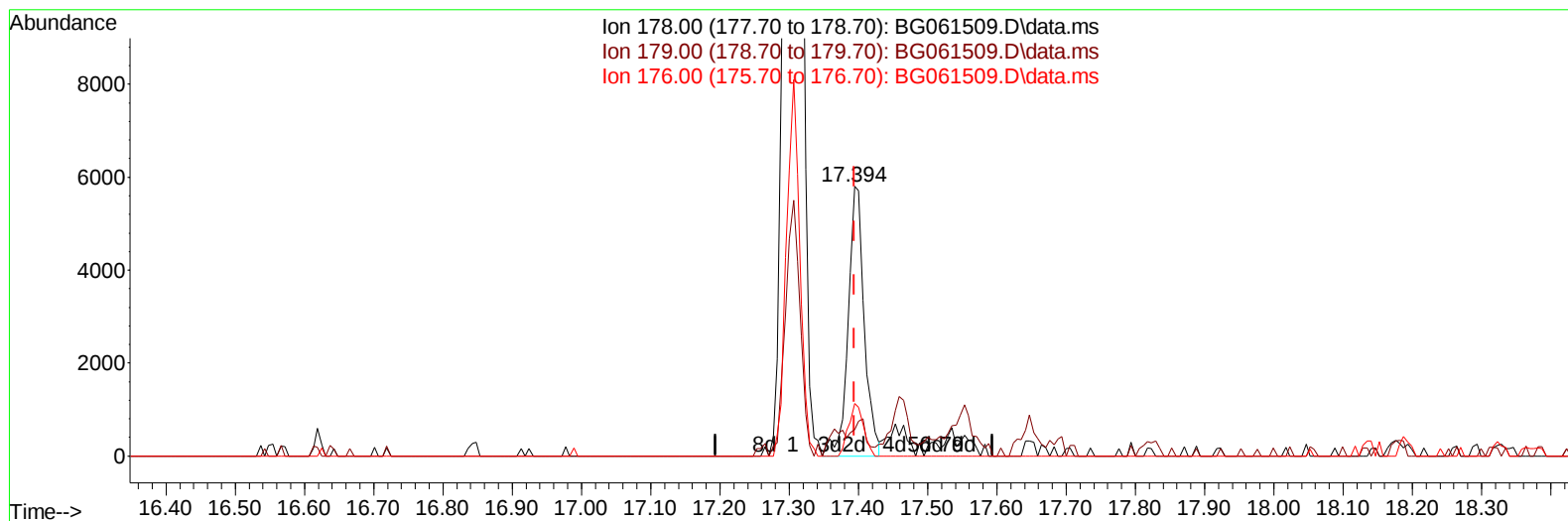
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061509.D
 Acq On : 6 Jun 2024 14:16
 Operator : MA/JU
 Sample : P2635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:08:52 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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Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061509.D\data.ms

(74) Anthracene

17.394min (-0.000) 1.02 ng/ul m

response 9377

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	9.86#
176.00	18.60	19.38
0.00	0.00	0.00

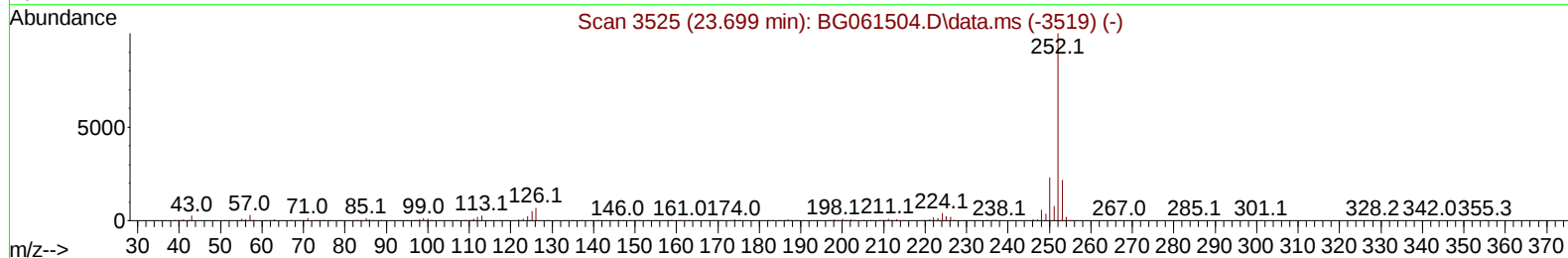
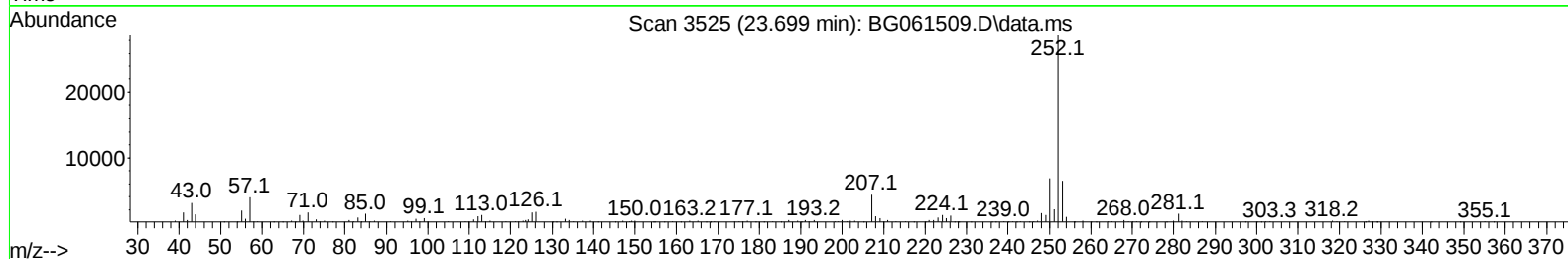
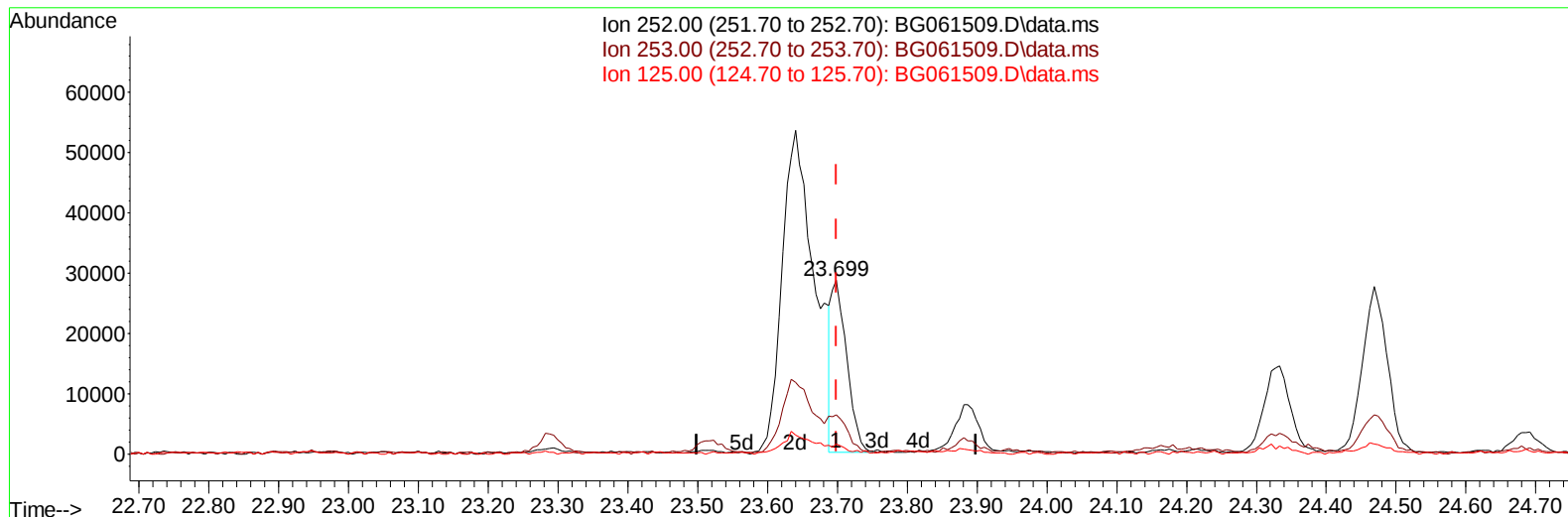
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:08:52 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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TIC: BG061509.D\data.ms

(91) Benzo(k)fluoranthene

23.699min (-0.000) 3.20 ng/u1

response 44140

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.50
125.00	5.40	5.54
0.00	0.00	0.00

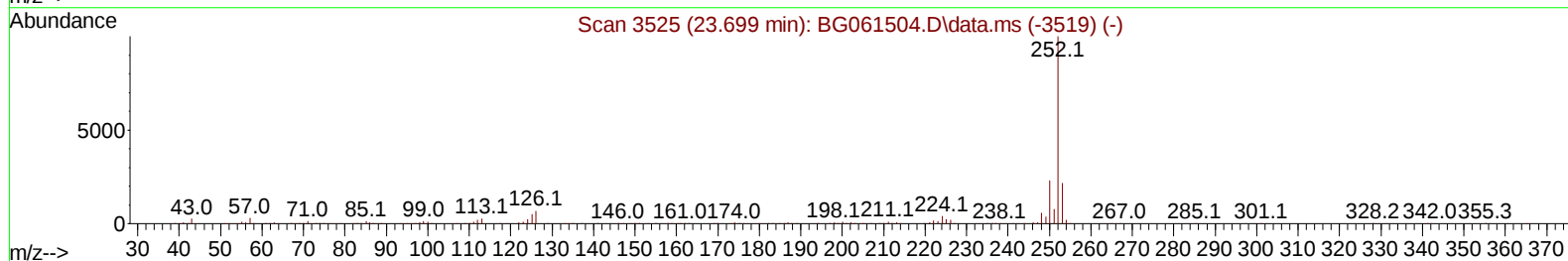
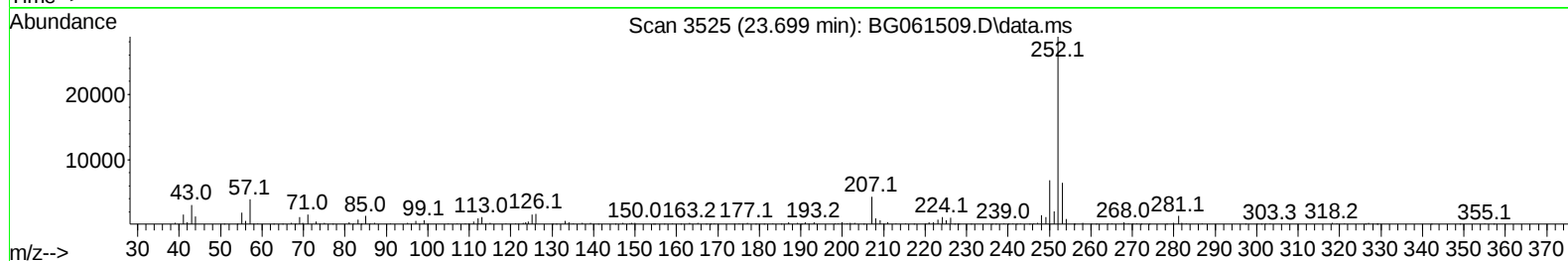
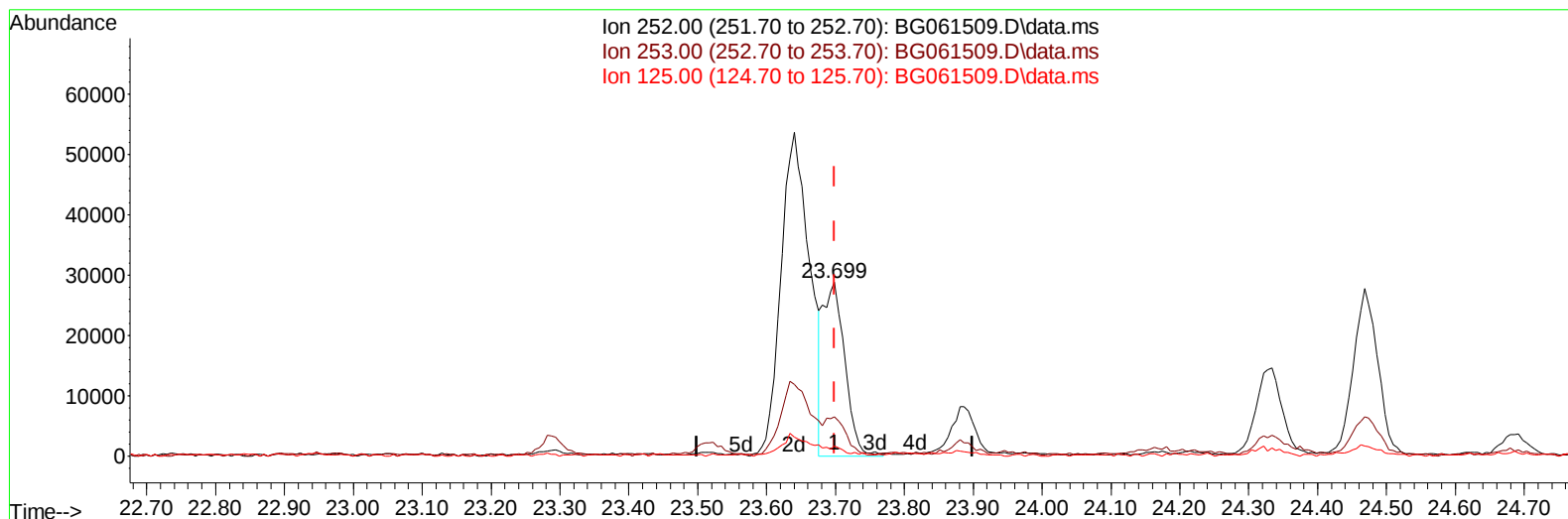
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:08:52 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
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TIC: BG061509.D\data.ms

(91) Benzo(k)fluoranthene

23.699min (-0.000) 4.58 ng/u1 m

response 63155

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.50
125.00	5.40	5.54
0.00	0.00	0.00

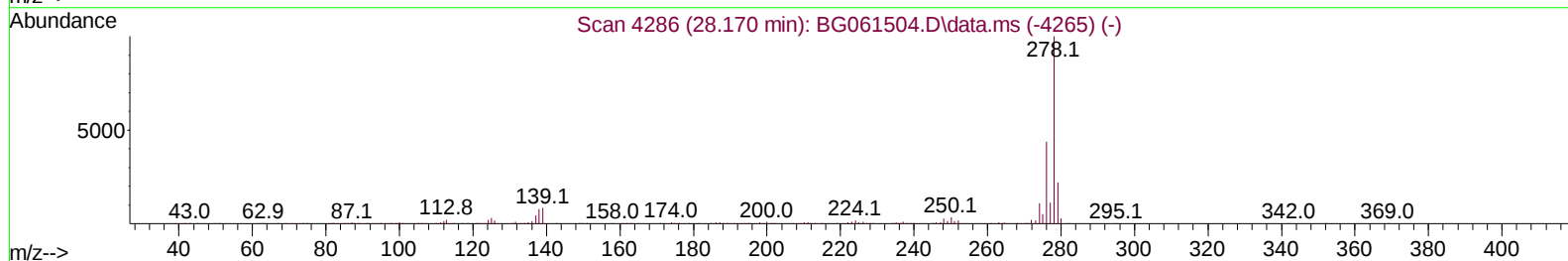
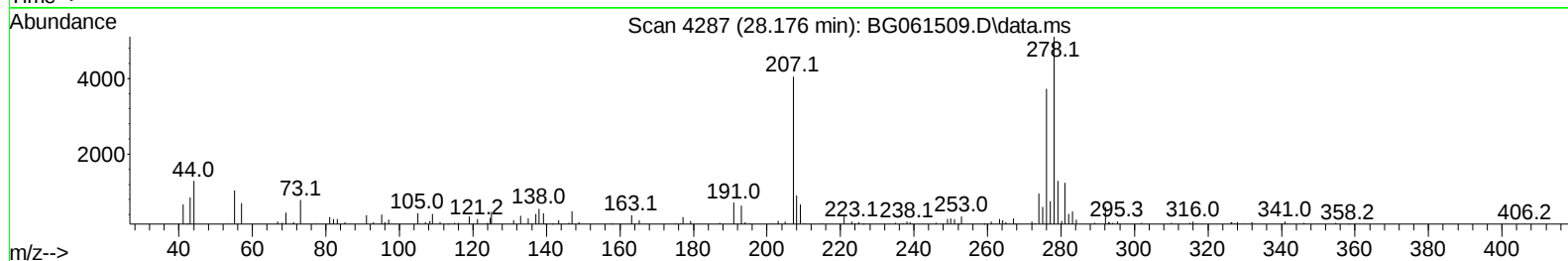
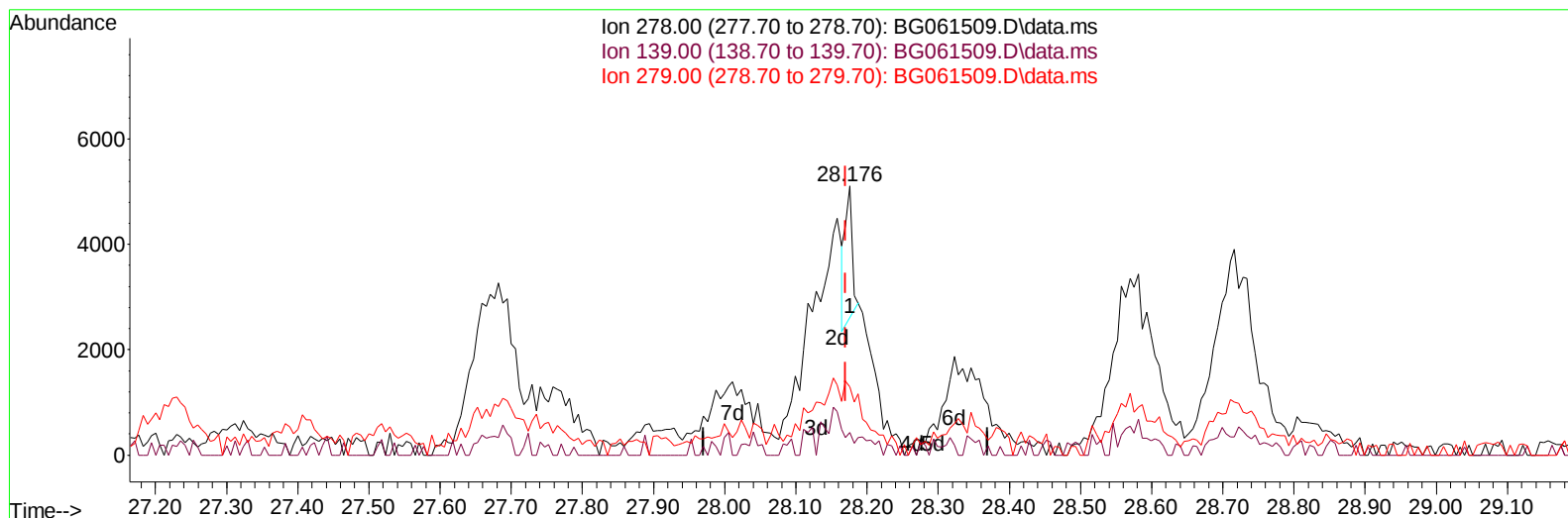
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061509.D
 Acq On : 6 Jun 2024 14:16
 Operator : MA/JU
 Sample : P2635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 15:06:45 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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TIC: BG061509.D\data.ms

(95) Dibenzo(a,h)anthracene

28.176min (+ 0.006) 0.13 ng/u1

response 1734

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.48#
279.00	24.90	25.42
0.00	0.00	0.00

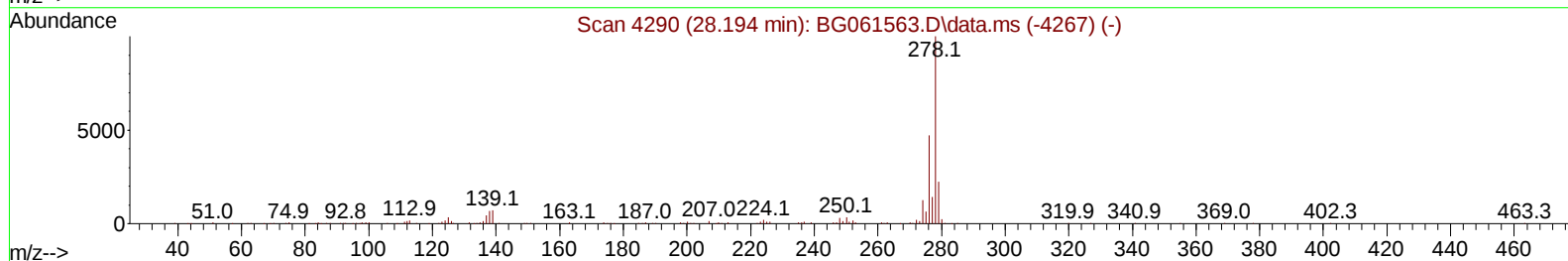
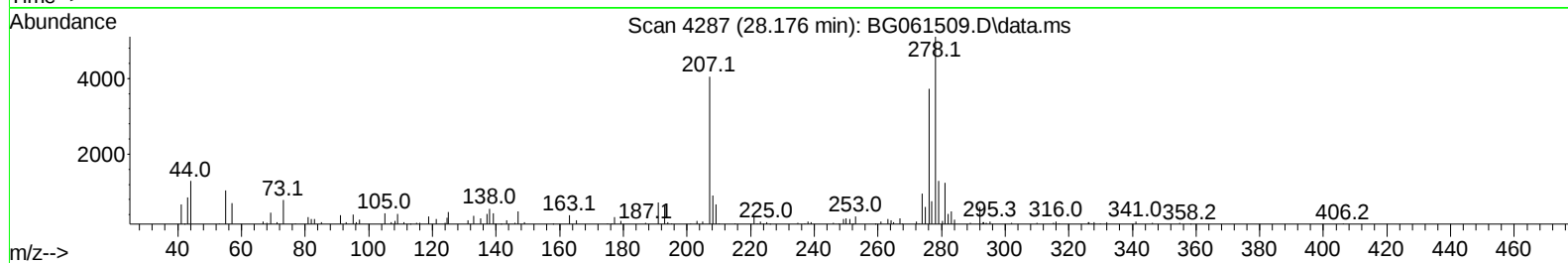
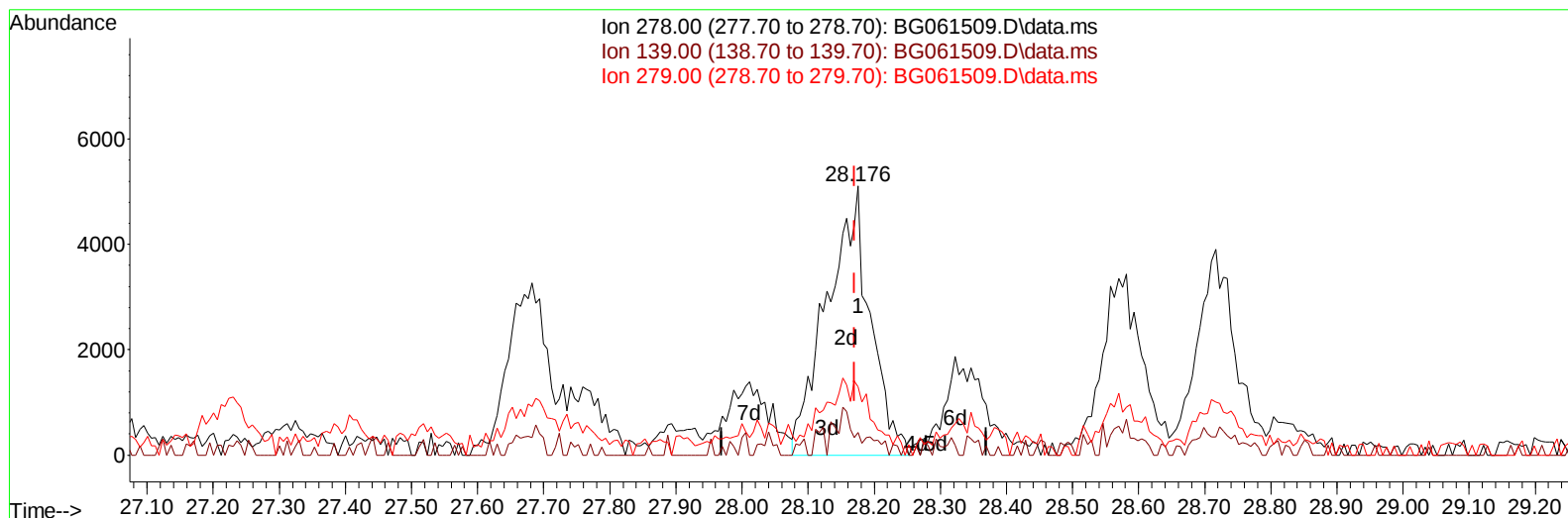
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061509.D
 Acq On : 6 Jun 2024 14:16
 Operator : MA/JU
 Sample : P2635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV9

Manual IntegrationsAPPROVED

Quant Time: Jun 06 23:19:02 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
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Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061509.D\data.ms

(95) Dibenzo(a,h)anthracene

28.176min (+ 0.006) 1.80 ng/ul m

response 23104

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.40
279.00	24.90	25.42
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	32201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.673	136	115028	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	80391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	183166	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	197087	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	227909	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	2154m	3.743	ng/uL	0.01
4) Pyridine-d5	3.775	84	5802m	2.834	ng/ul	0.00
7) Phenol-d5	7.071	99	41920	15.853	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	29971	18.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	39103	19.981	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	32450	14.391	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	19779	22.333	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	22766	21.964	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	43303	21.430	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	34418	13.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	137463	22.047	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	148676	22.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	13430	17.423	ng/ul	0.00
60) Fluorene-d10	15.508	176	117266	21.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	14292	12.901	ng/ul	0.00
73) Anthracene-d10	17.365	188	185293	22.946	ng/ul	0.00
81) Pyrene-d10	19.656	212	212405	20.990	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264	191222	17.452	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.705	105	5306	1.379	ng/ul#	84
72) Phenanthrene	17.306	178	52975	5.959	ng/ul	96
74) Anthracene	17.394	178	9377m	1.020	ng/ul	
80) Fluoranthene	19.321	202	182029	14.995	ng/ul	99
82) Pyrene	19.686	202	146302	11.610	ng/ul	98
85) Benzo(a)anthracene	21.501	228	98468	7.241	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	11255	1.757	ng/ul#	88
87) Chrysene	21.566	228	114582	9.151	ng/ul	96
90) Benzo(b)fluoranthene	23.640	252	155116	11.431	ng/ul	100
91) Benzo(k)fluoranthene	23.699	252	63155m	4.585	ng/ul	
93) Benzo(a)pyrene	24.468	252	67977	5.276	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.123	276	64856	4.162	ng/ul	94
95) Dibenzo(a,h)anthracene	28.176	278	23104m	1.798	ng/ul	

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

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Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

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