

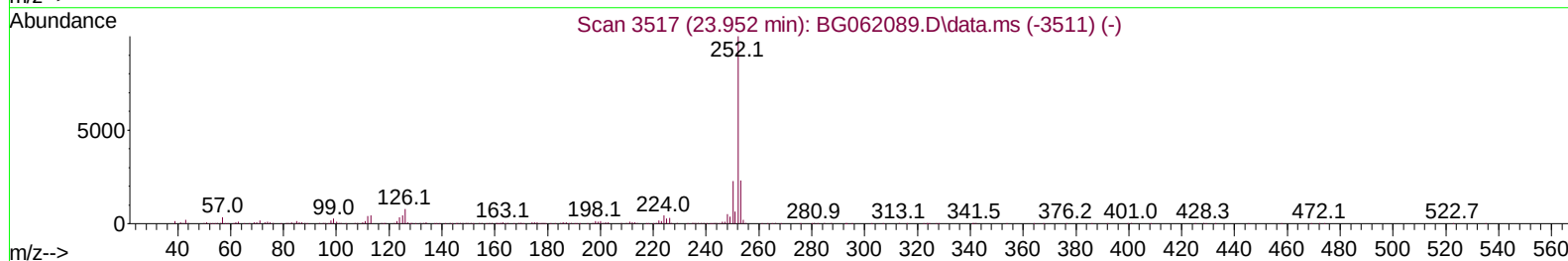
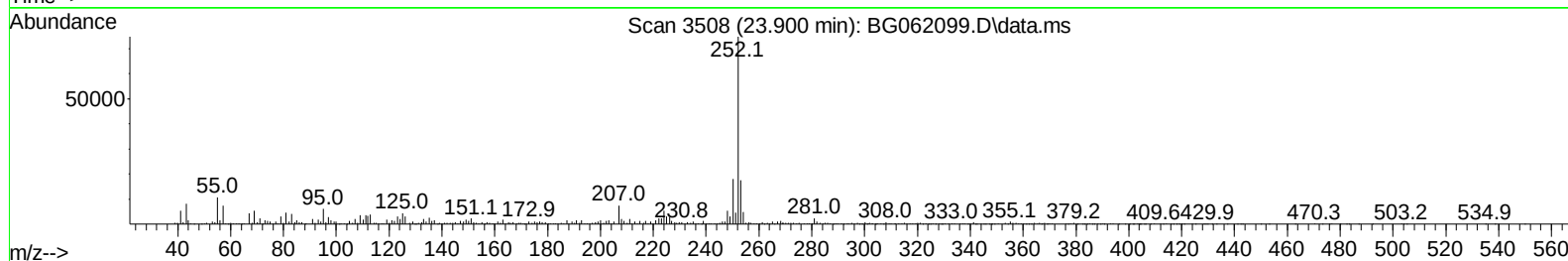
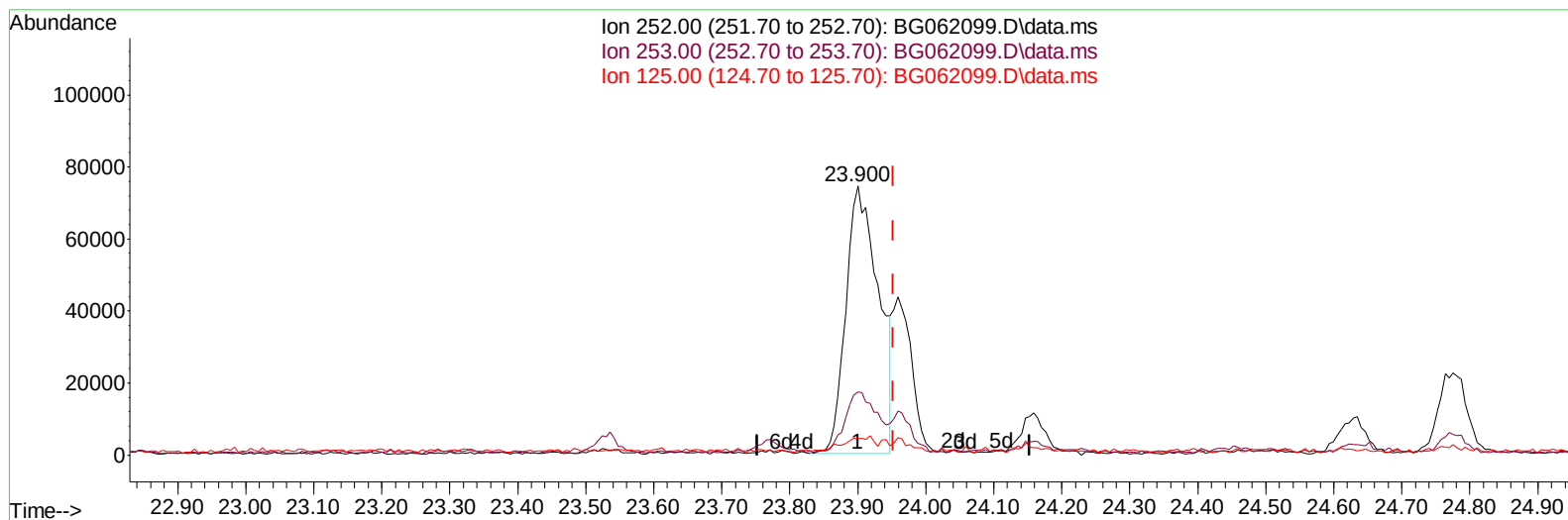
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 00:46:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



TIC: BG062099.D\data.ms

(91) Benzo(k)fluoranthene

23.900min (-0.052) 13.71 ng/u1

response 248055

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.52
125.00	7.90	5.98#
0.00	0.00	0.00

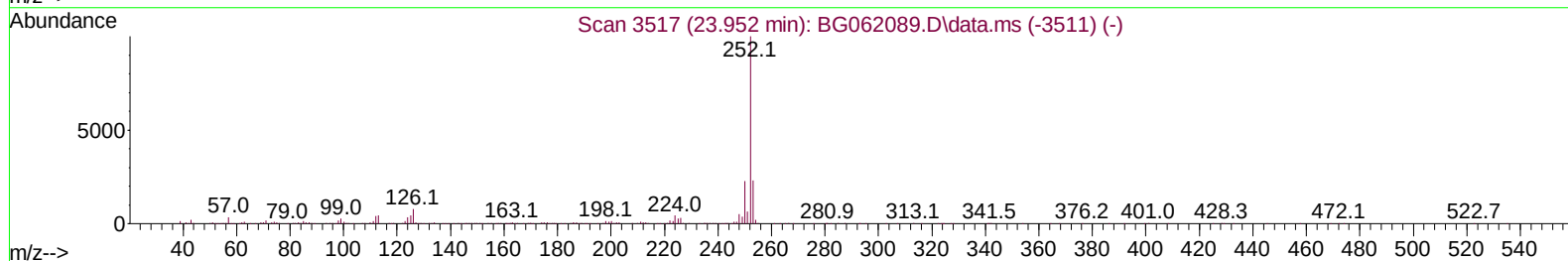
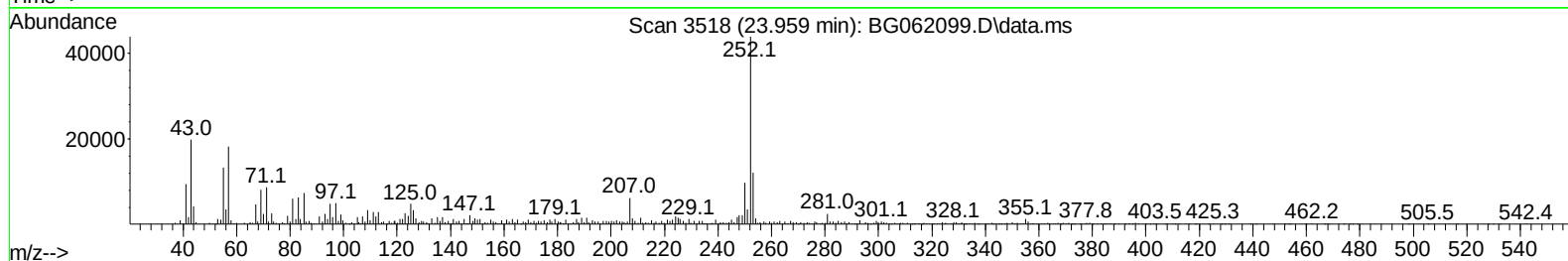
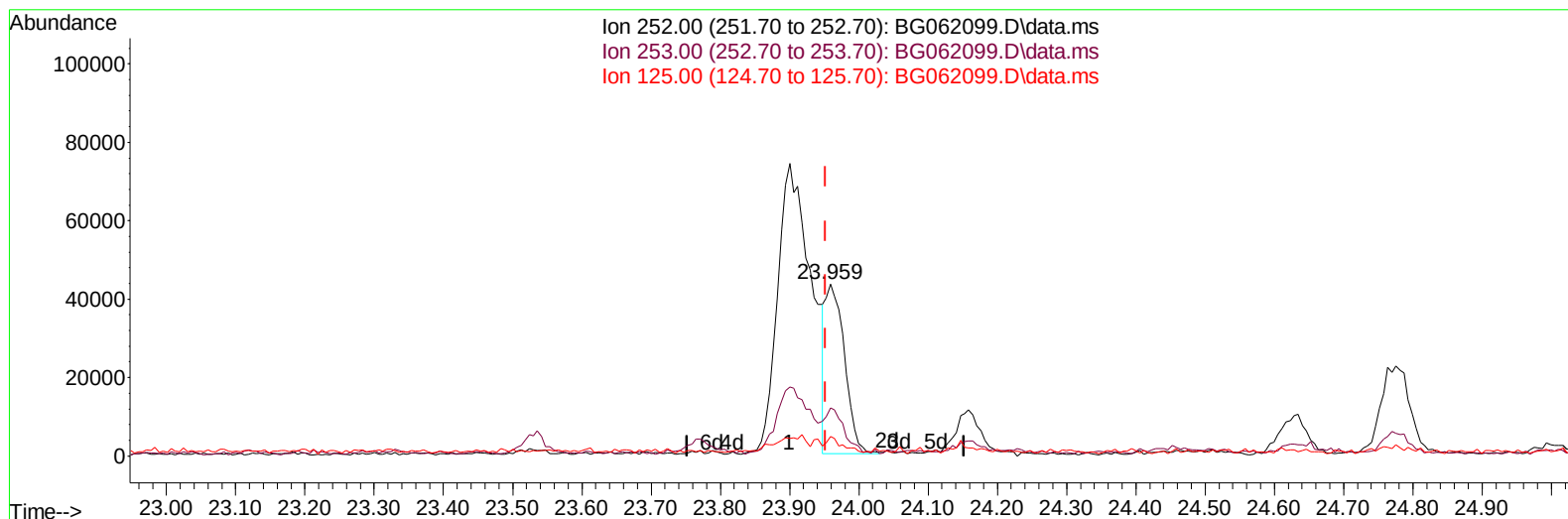
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
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Quant Time: Jul 17 00:46:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



TIC: BG062099.D\data.ms

(91) Benzo(k)fluoranthene

23.959min (+ 0.006) 4.58 ng/u l m

response 82901

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	27.88
125.00	7.90	11.12#
0.00	0.00	0.00

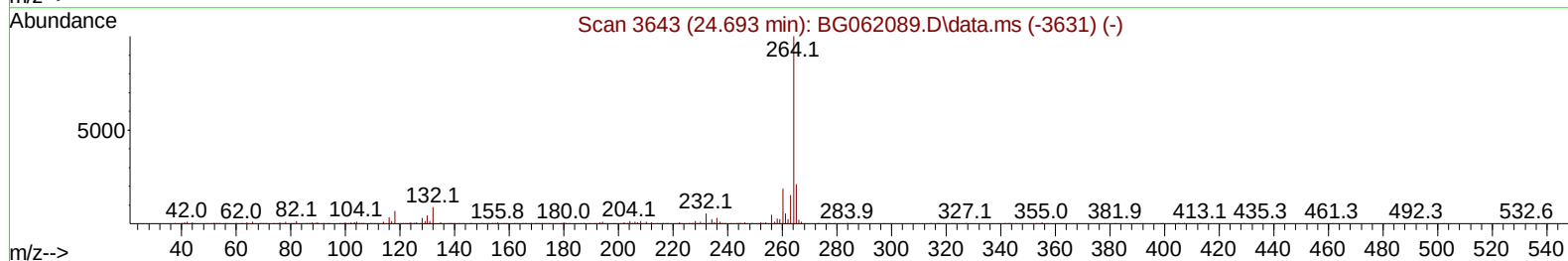
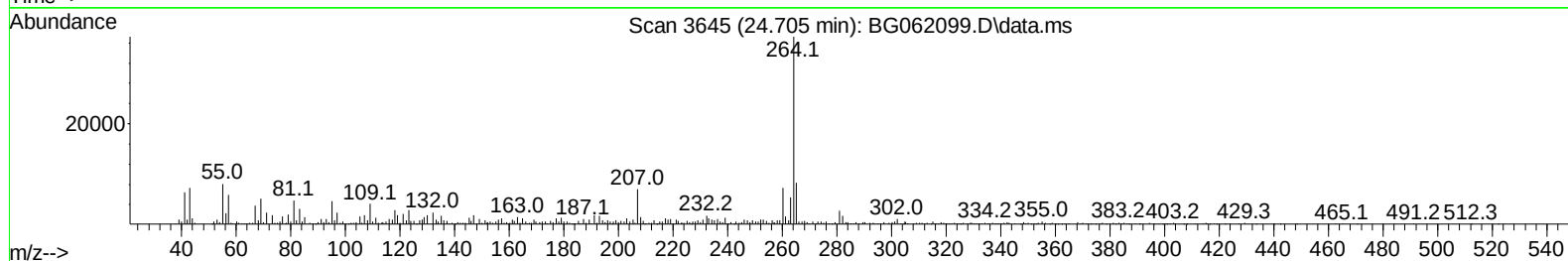
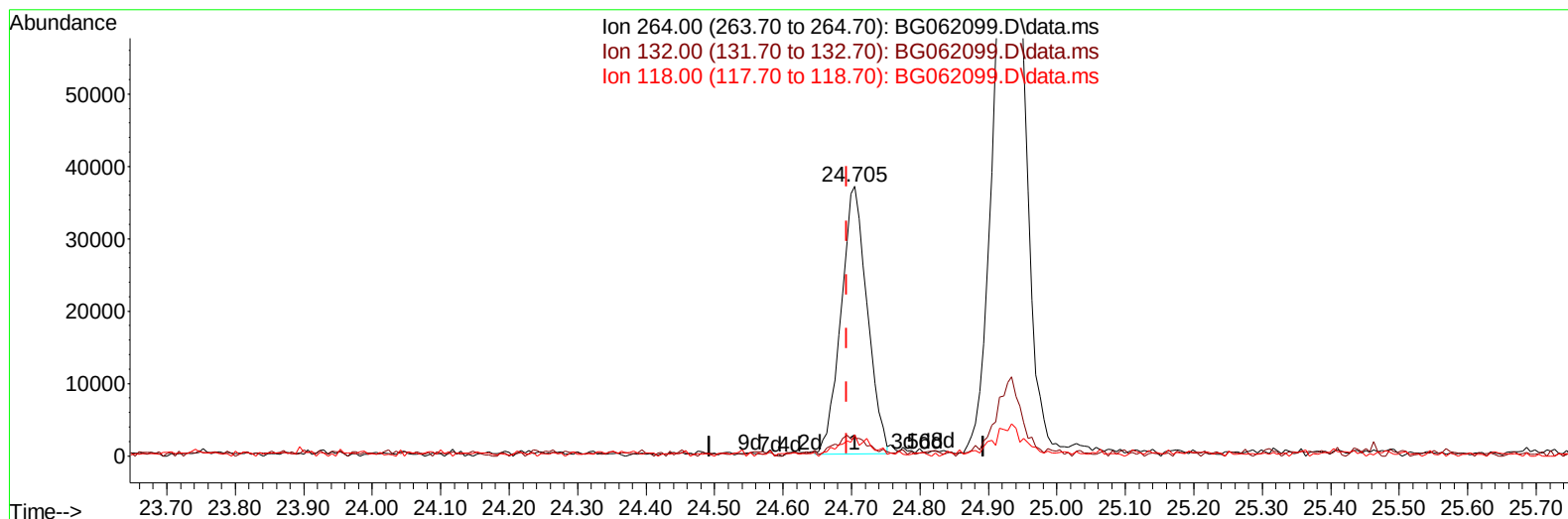
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:57:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.705min (+ 0.012) 6.84 ng/u1

response 97723

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	12.20	6.54#
118.00	8.00	7.92
0.00	0.00	0.00

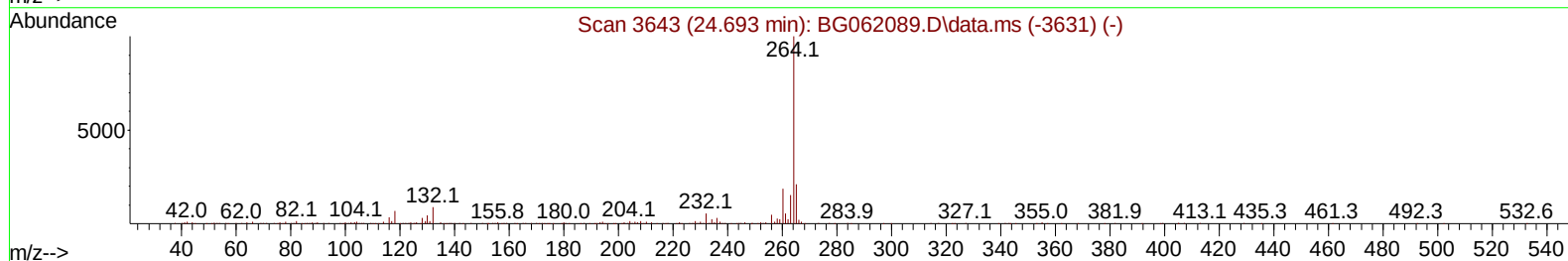
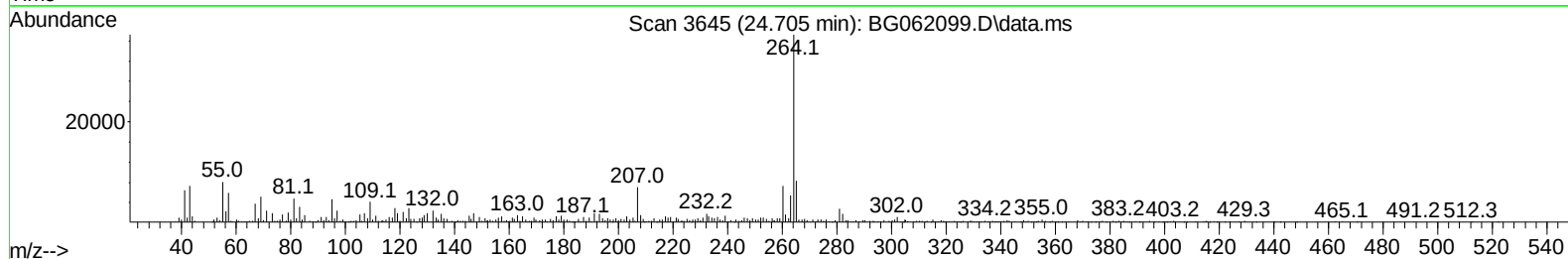
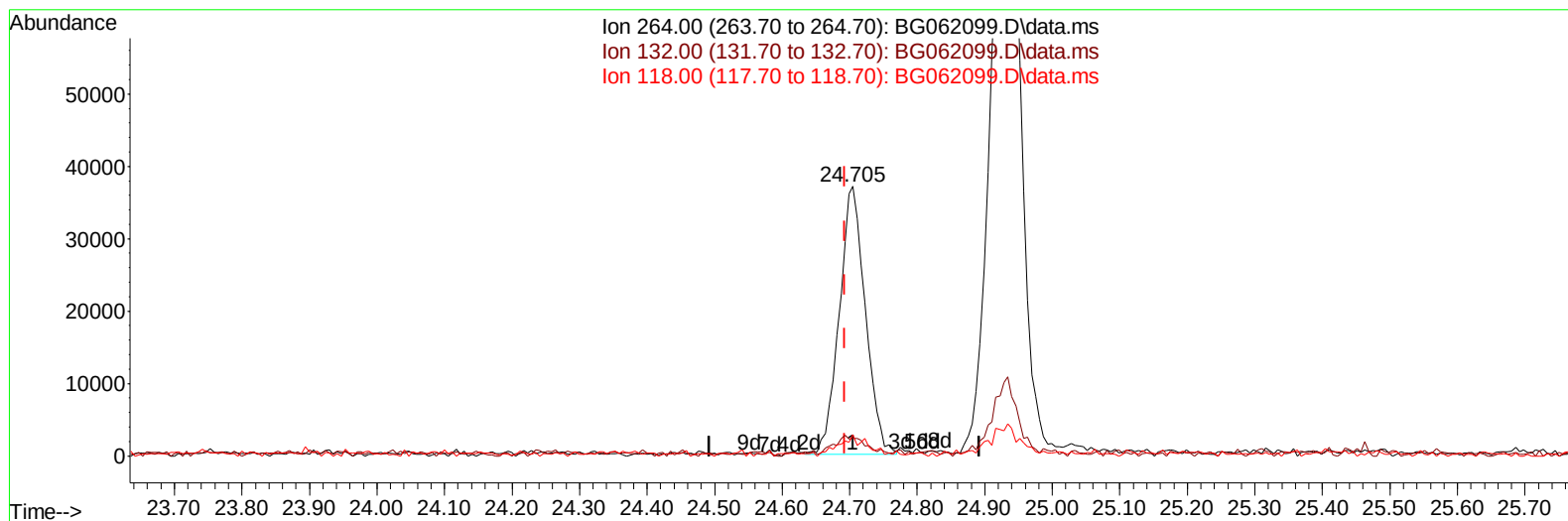
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062099.D
 Acq On : 16 Jul 2024 18:18
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:57:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.705min (+ 0.012) 6.95 ng/ul m

response 99267

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	12.20	6.54#
118.00	8.00	7.92
0.00	0.00	0.00

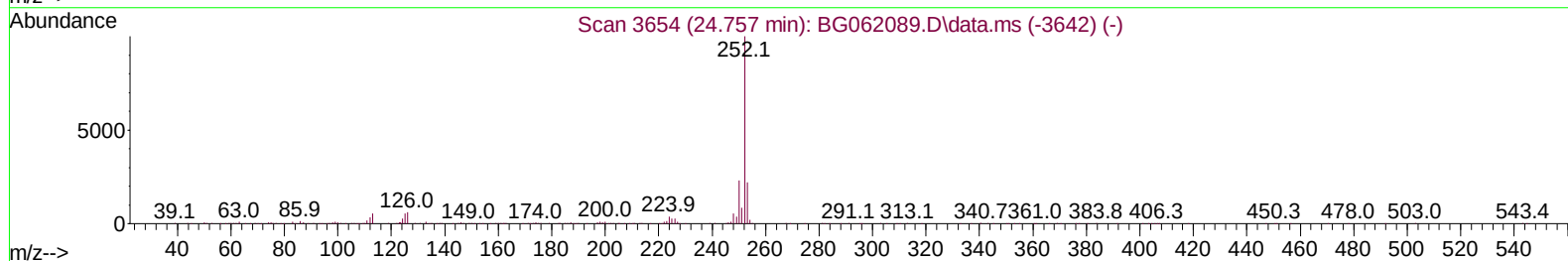
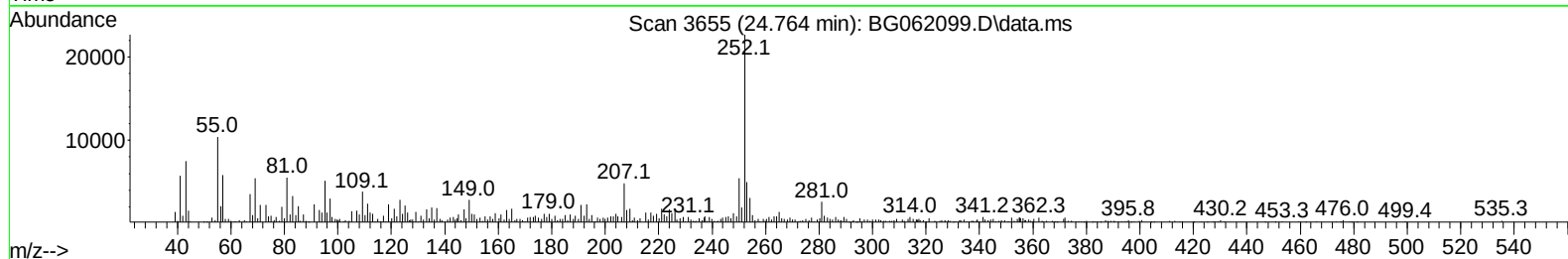
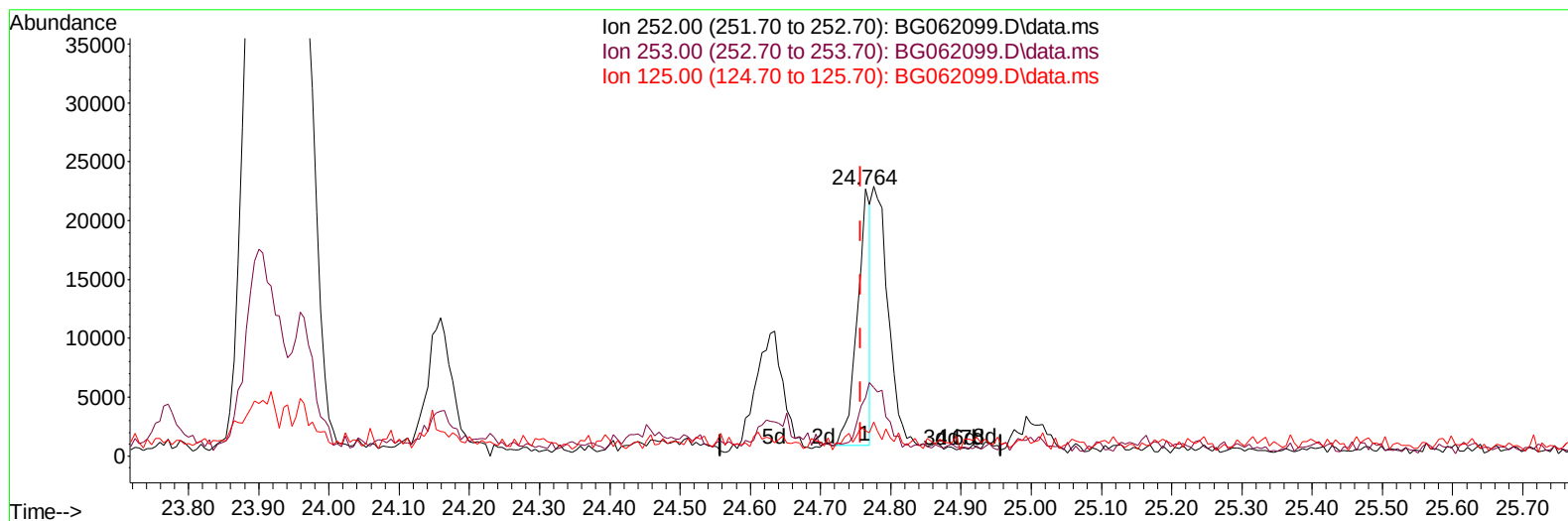
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:46:45 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

(93) Benzo(a)pyrene (C)

24.764min (+ 0.006) 1.66 ng/u1

response 28472

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.81
125.00	9.30	9.44
0.00	0.00	0.00

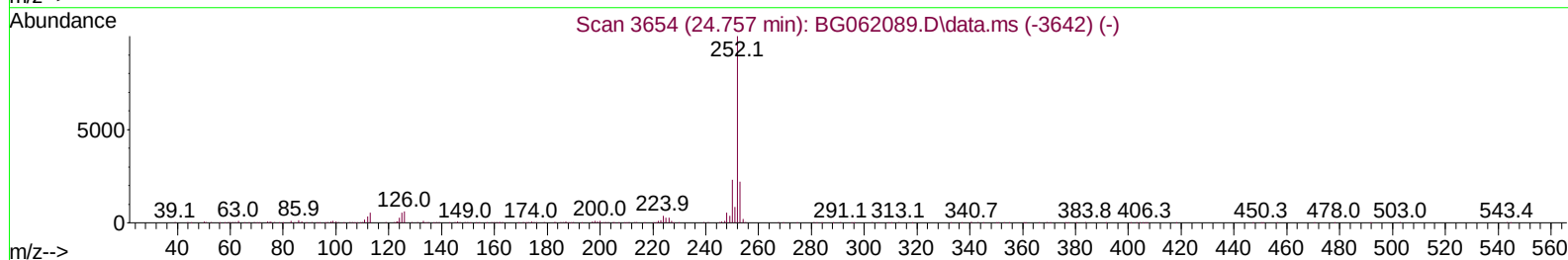
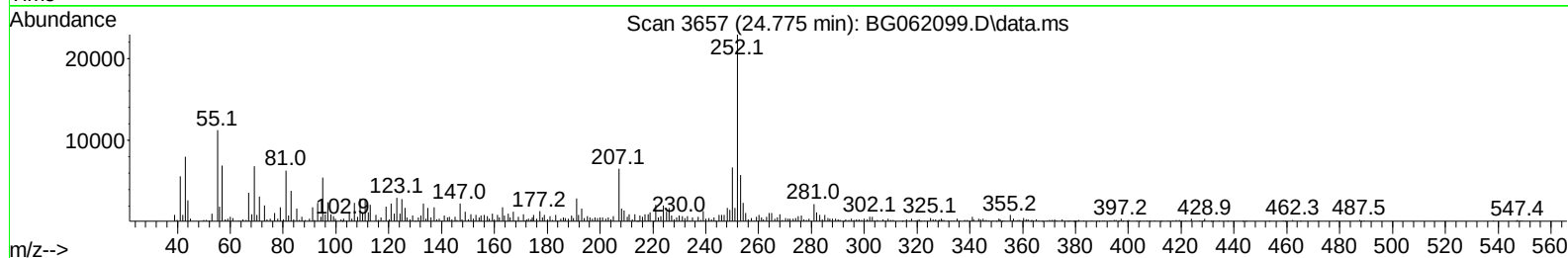
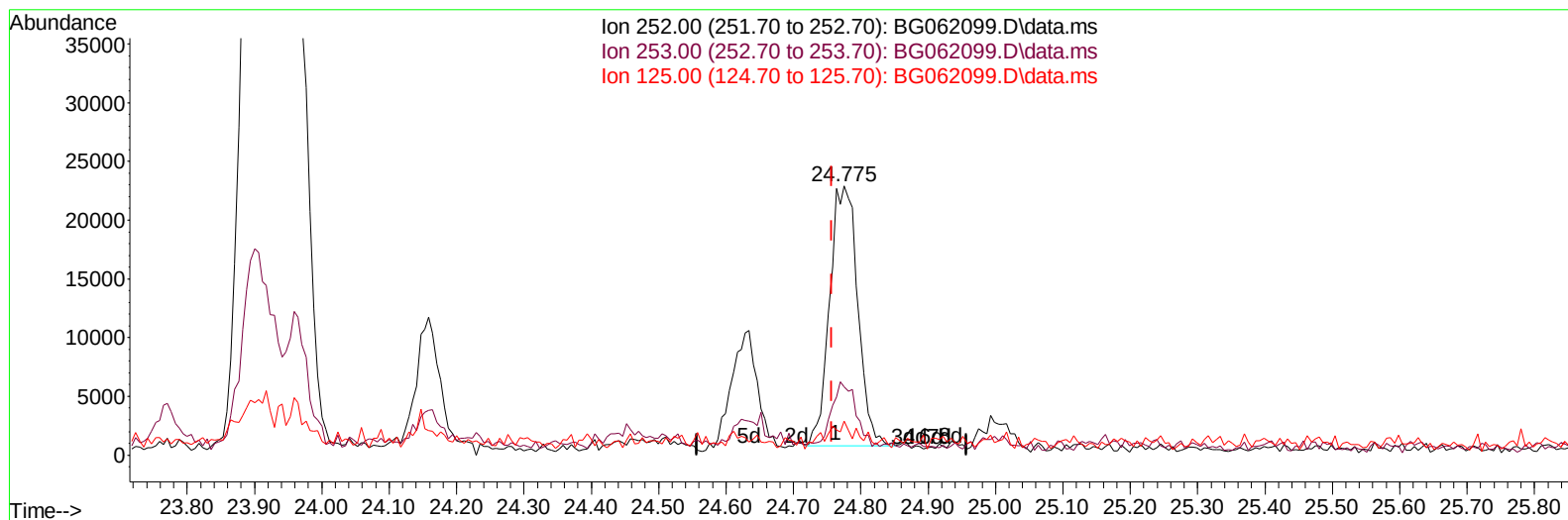
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:46:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
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Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

(93) Benzo(a)pyrene (C)

24.775min (+ 0.018) 3.73 ng/u l m

response 64072

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	25.34#
125.00	9.30	12.53#
0.00	0.00	0.00

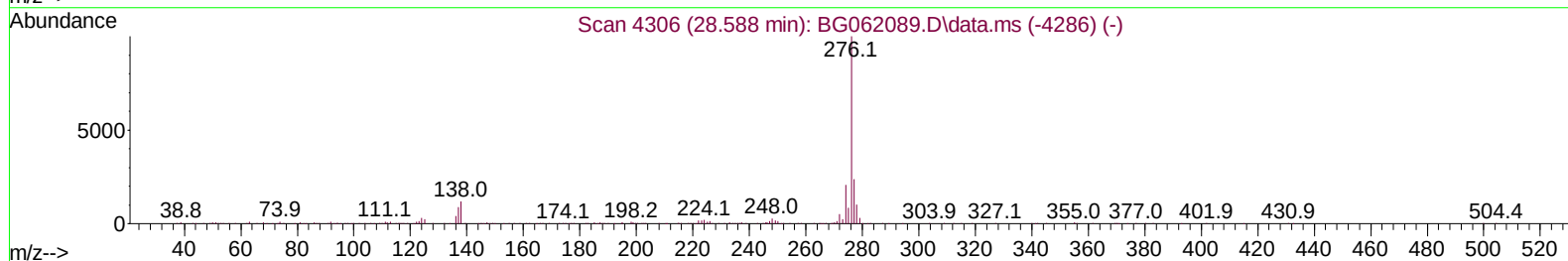
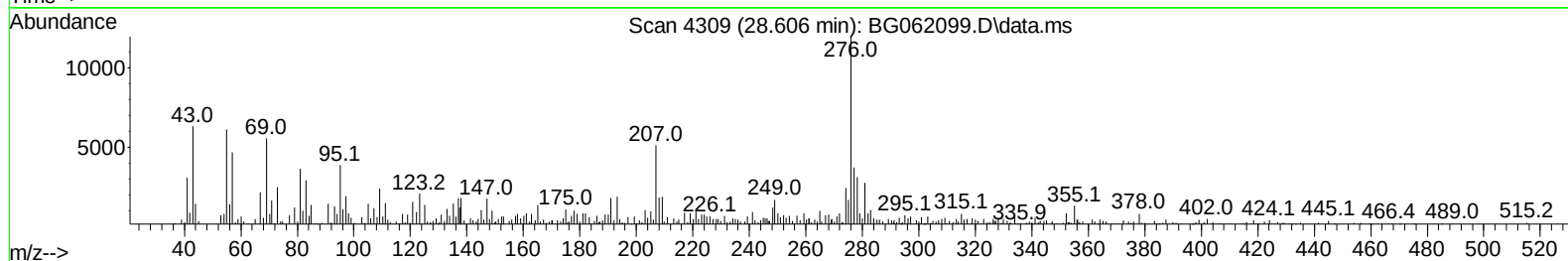
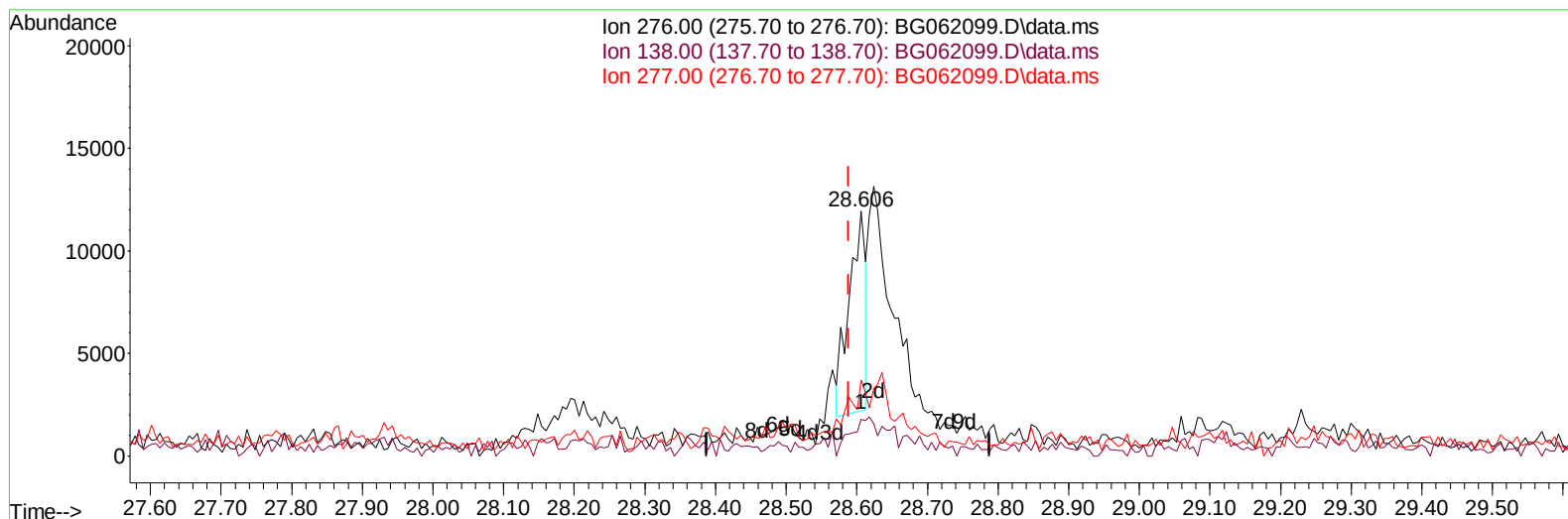
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

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

28.606min (+ 0.018) 0.72 ng/u1

response 15804

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	14.97
277.00	24.10	31.11#
0.00	0.00	0.00

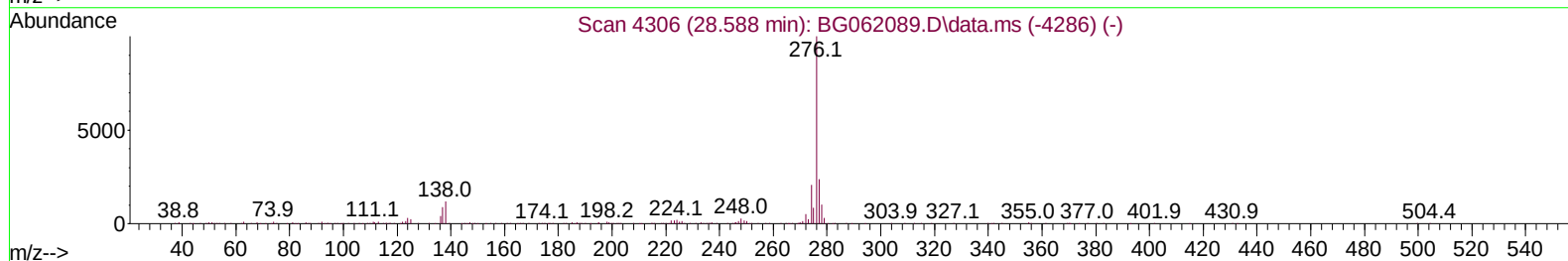
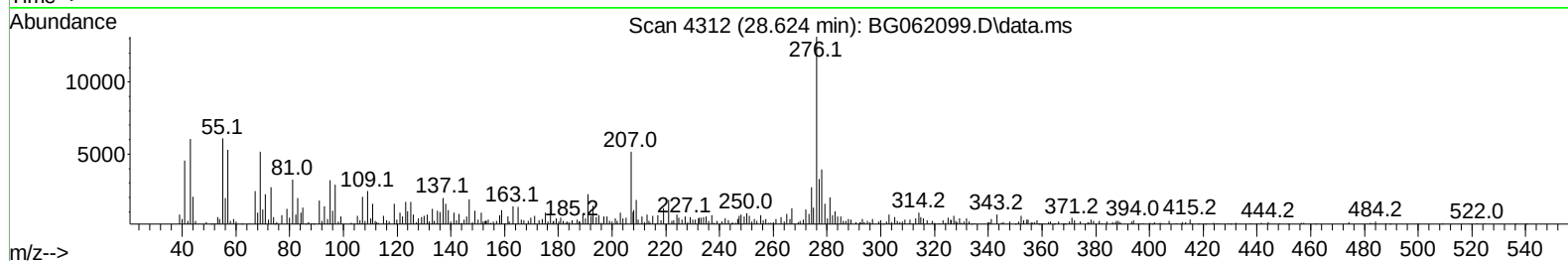
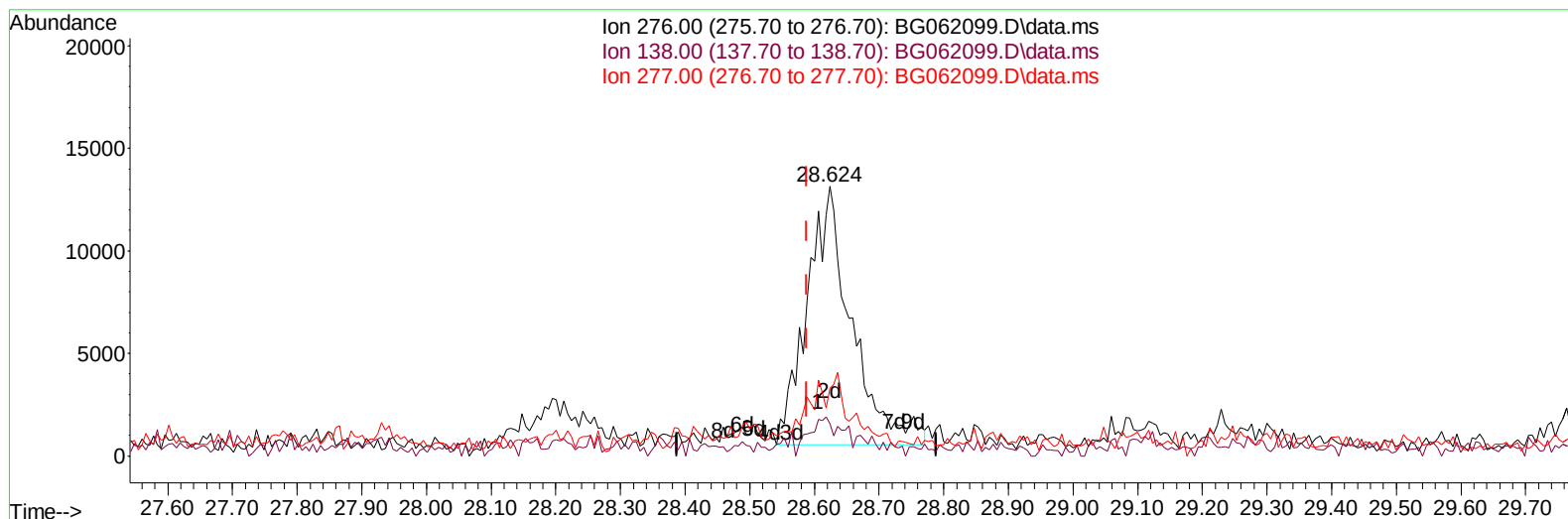
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

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

28.624min (+ 0.036) 2.74 ng/u l m

response 60068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.85#
277.00	24.10	25.05
0.00	0.00	0.00

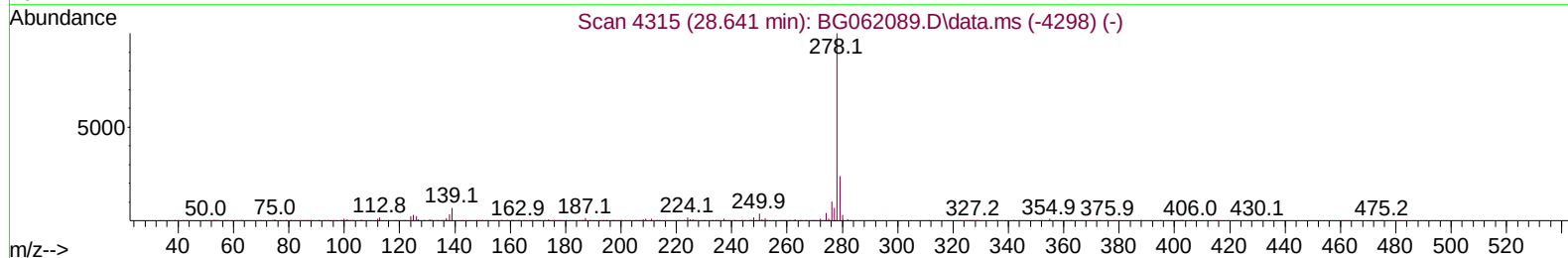
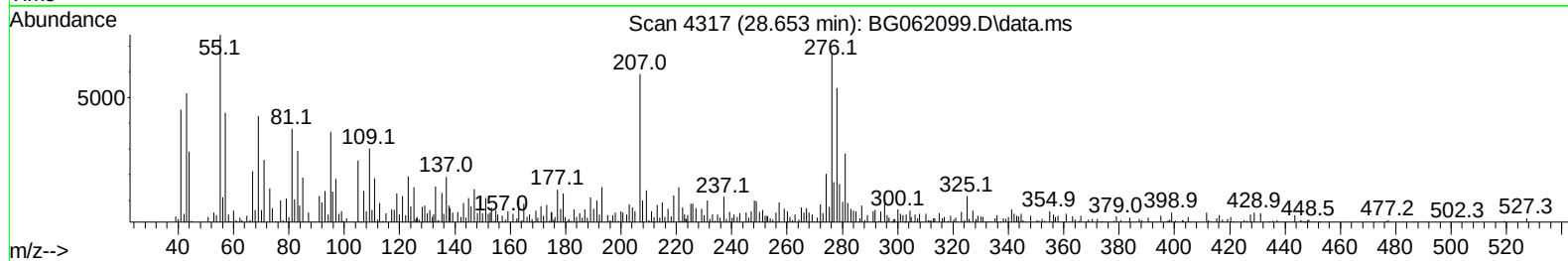
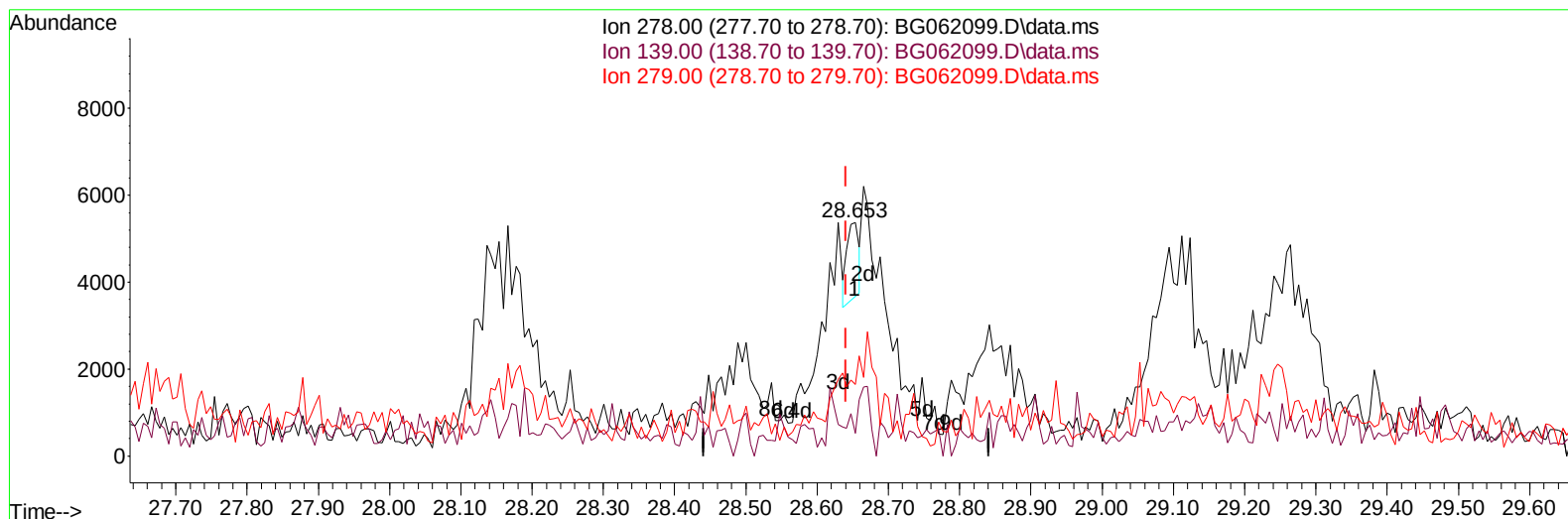
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
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Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:29 2024
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TIC: BG062099.D\data.ms

(95) Dibenzo(a,h)anthracene

28.653min (+ 0.012) 0.11 ng/u1

response 2085

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.71
279.00	23.50	30.50#
0.00	0.00	0.00

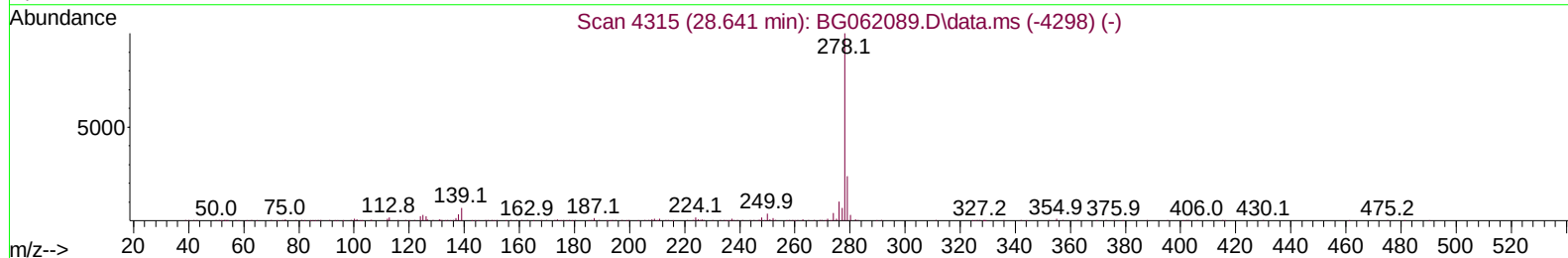
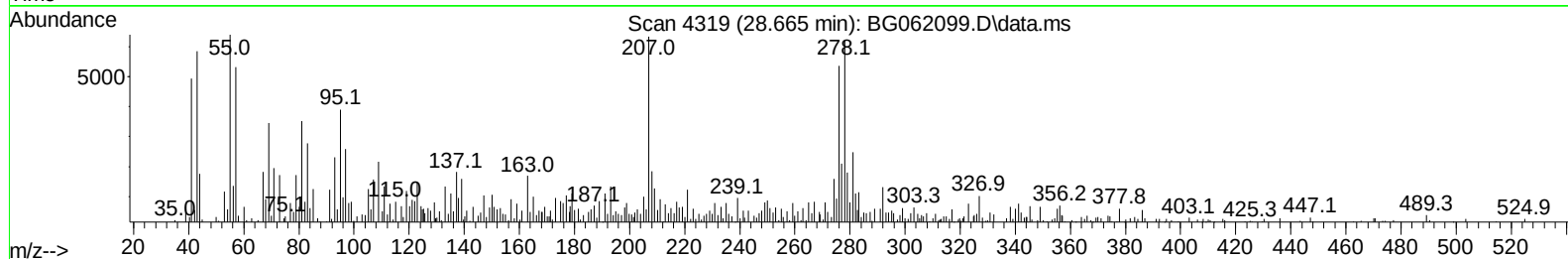
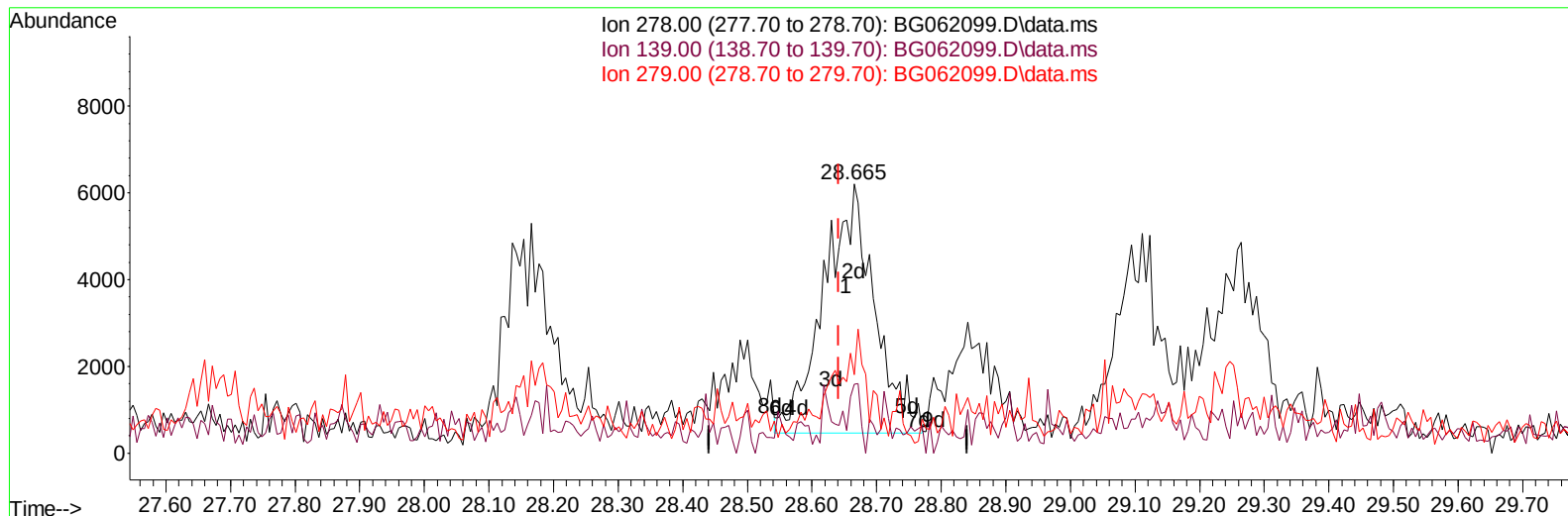
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062099.D\data.ms

(95) Dibenzo(a,h)anthracene

28.665min (+ 0.024) 1.72 ng/ul m

response 31201

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	25.53#
279.00	23.50	29.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062099.D
 Acq On : 16 Jul 2024 18:18
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:48:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	35809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	162717	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	122935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	271475	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.697	240	234345	20.000	ng/ul	# 0.00
88) Perylene-d12	24.928	264	287953	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	1490	1.564	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.225	99	55792	14.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	30880	12.443	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	38825	14.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.771	113	43041	13.950	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	20719	16.742	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	27457	19.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	48241	17.698	ng/ul	0.01
31) 4-Chloroaniline-d4	11.009	131	25208	6.370	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	149404	14.782	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	160200	15.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	18888	11.702	ng/ul	0.00
60) Fluorene-d10	15.674	176	116537	13.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	13963	9.794	ng/ul	0.00
73) Anthracene-d10	17.531	188	195314	15.410	ng/ul	0.00
81) Pyrene-d10	19.811	212	155824	11.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.705	264	99267m	6.951	ng/ul	0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.746	153	12217	1.525	ng/ul	93
61) Fluorene	15.733	166	15062	1.565	ng/ul#	83
72) Phenanthrene	17.478	178	279697	19.540	ng/ul	98
74) Anthracene	17.566	178	61481	4.156	ng/ul	97
77) Carbazole	17.837	167	21085	1.694	ng/ul#	94
80) Fluoranthene	19.482	202	440872	27.027	ng/ul#	91
82) Pyrene	19.846	202	221832	13.165	ng/ul#	90
85) Benzo(a)anthracene	21.679	228	185208	10.916	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.562	149	50440	4.971	ng/ul#	99
87) Chrysene	21.744	228	185727	11.693	ng/ul	99
90) Benzo(b)fluoranthene	23.900	252	248055	13.673	ng/ul#	96
91) Benzo(k)fluoranthene	23.959	252	82901m	4.582	ng/ul	
93) Benzo(a)pyrene	24.775	252	64072m	3.730	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.624	276	60068m	2.736	ng/ul	
95) Dibenzo(a,h)anthracene	28.665	278	31201m	1.721	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
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 Acq On : 16 Jul 2024 18:18
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:48:13 2024
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