

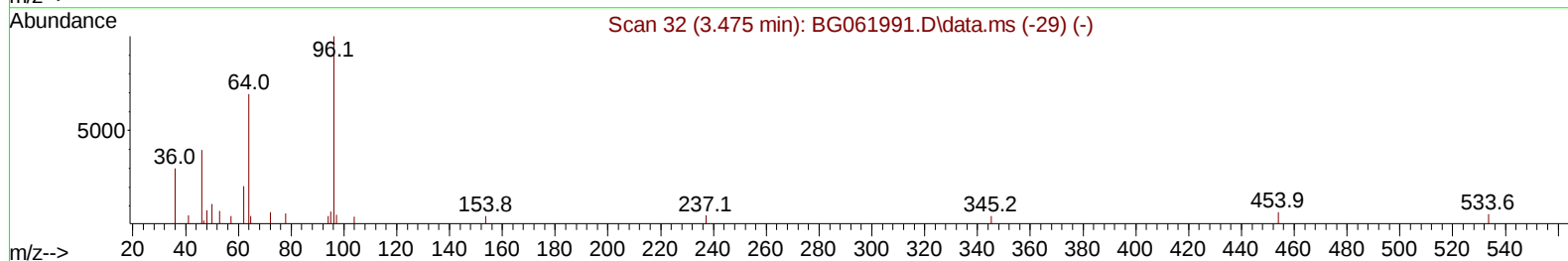
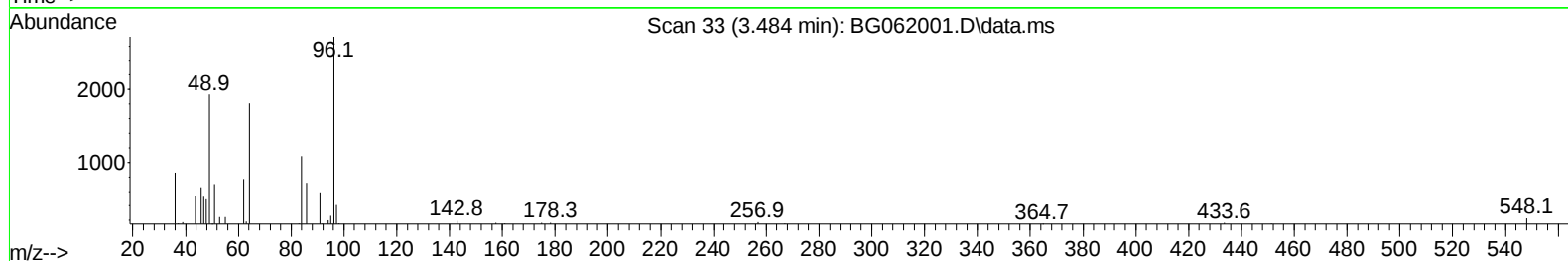
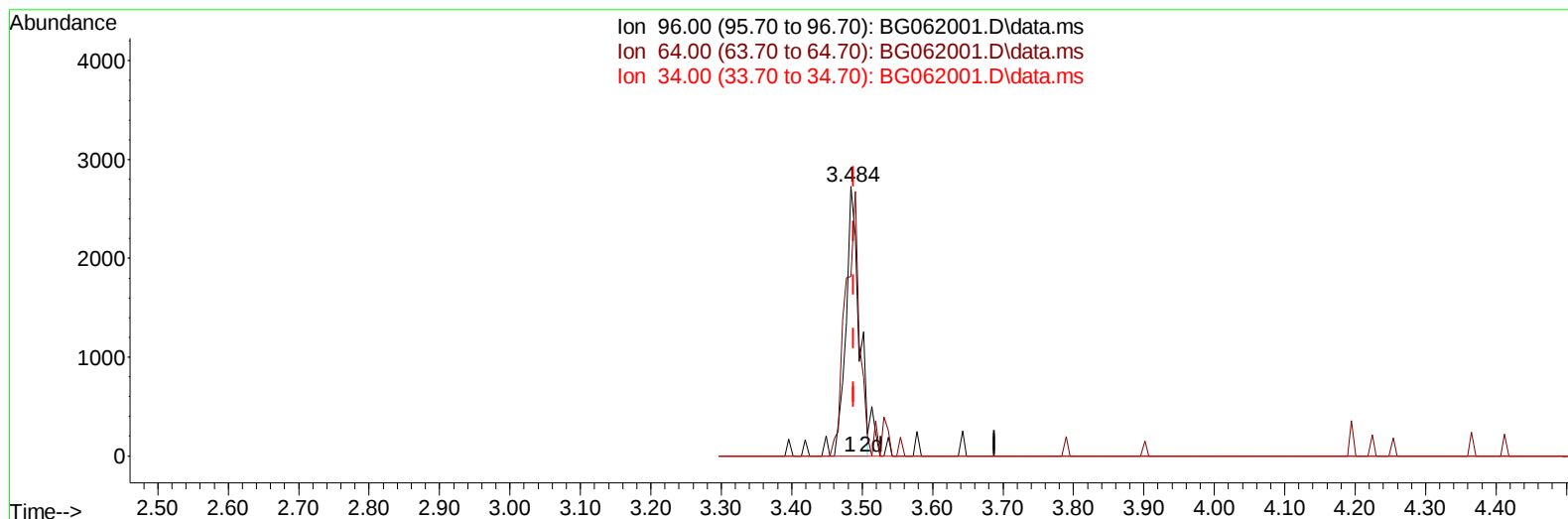
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG062001.D
 Acq On : 10 Jul 2024 16:37
 Operator : MA/JU
 Sample : P3035-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:25:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

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

3.484min (-0.004) 2.60 ng/uL

response 3450

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	66.52#
34.00	0.00	0.00
0.00	0.00	0.00

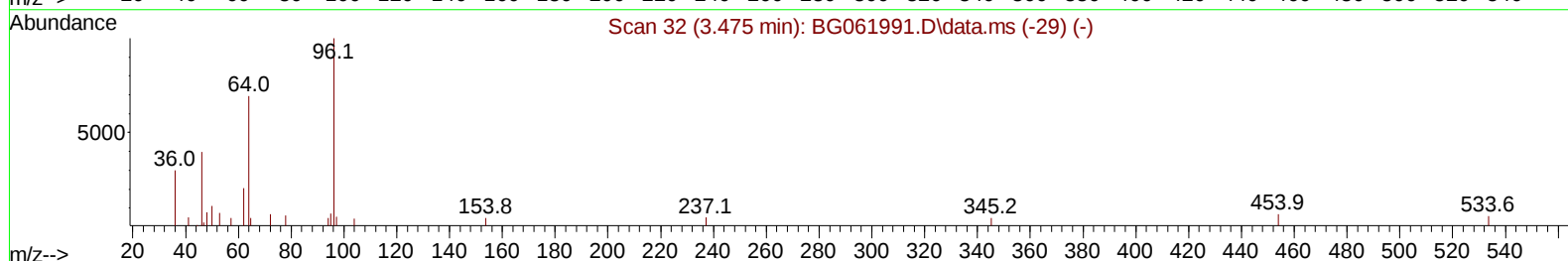
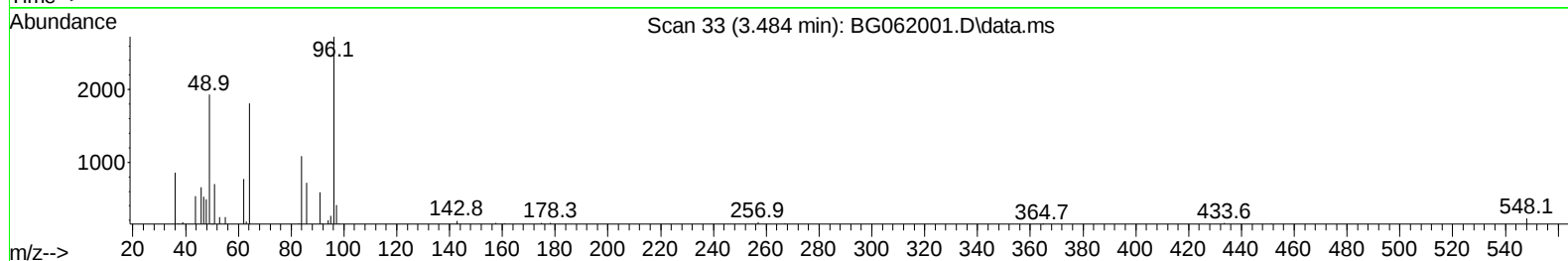
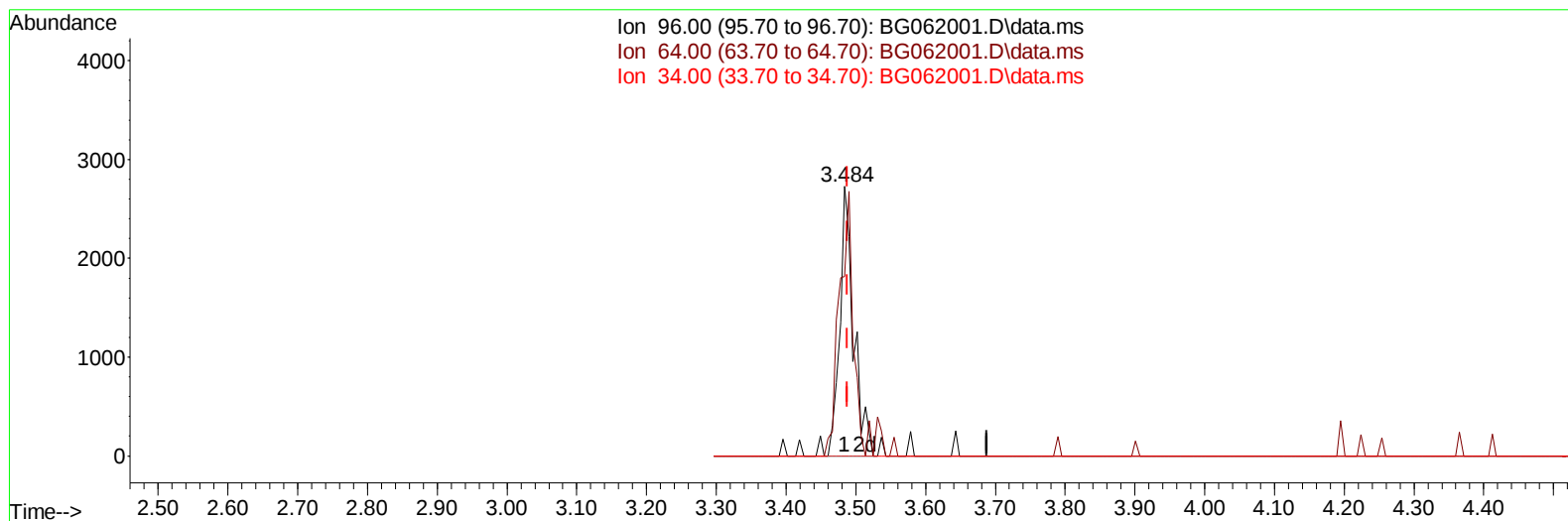
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

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

3.484min (-0.004) 2.79 ng/uL m

response 3706

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	66.52#
34.00	0.00	0.00
0.00	0.00	0.00

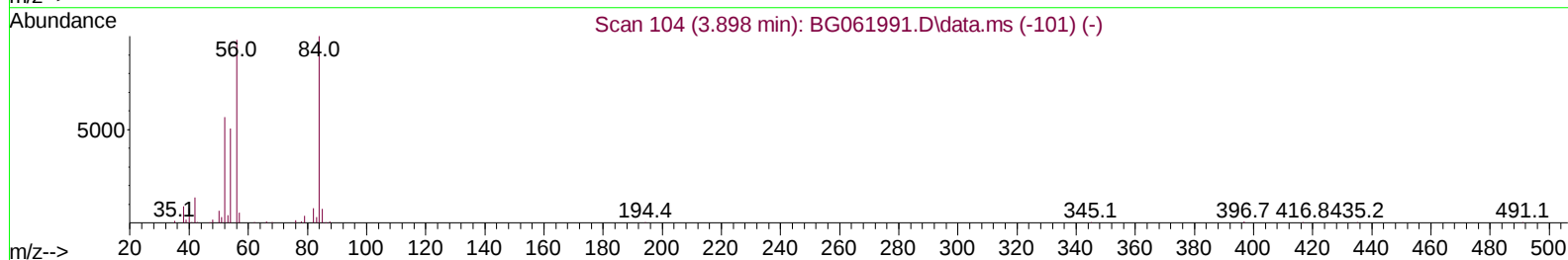
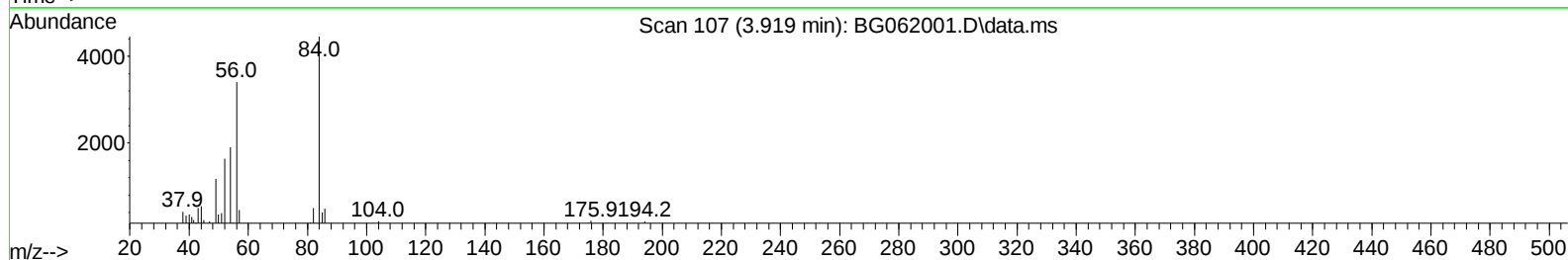
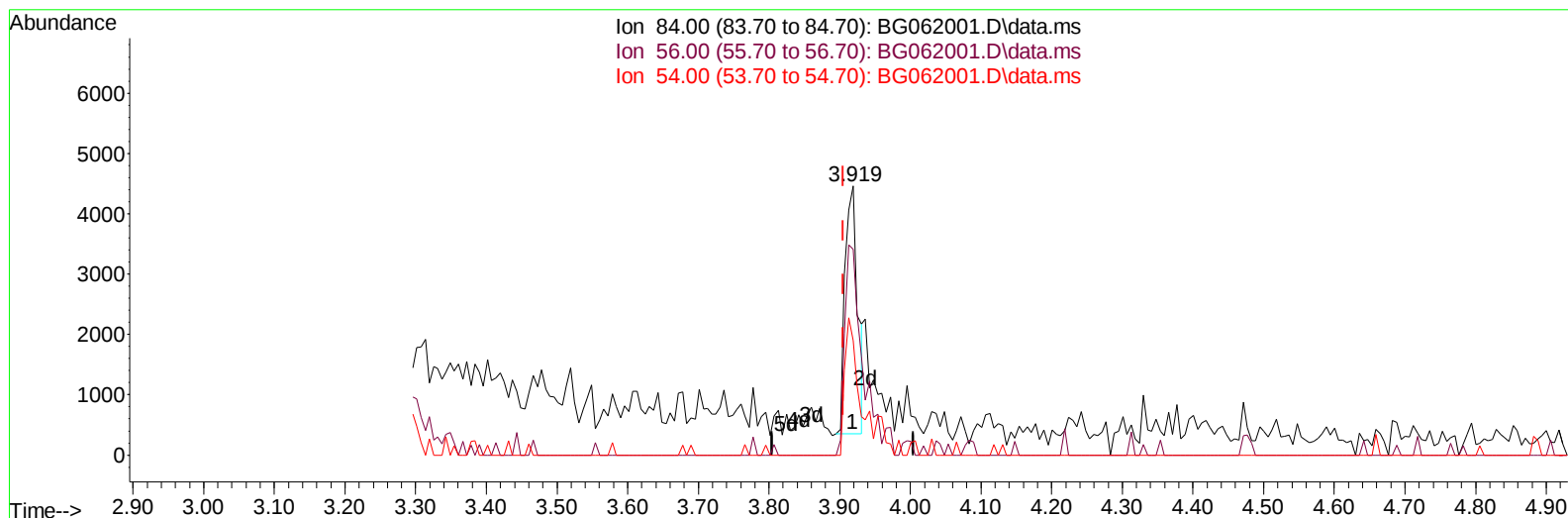
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

(4) Pyridine-d5 (S)

3.919min (+ 0.014) 1.23 ng/u1

response 5040

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	76.58
54.00	45.40	42.66
0.00	0.00	0.00

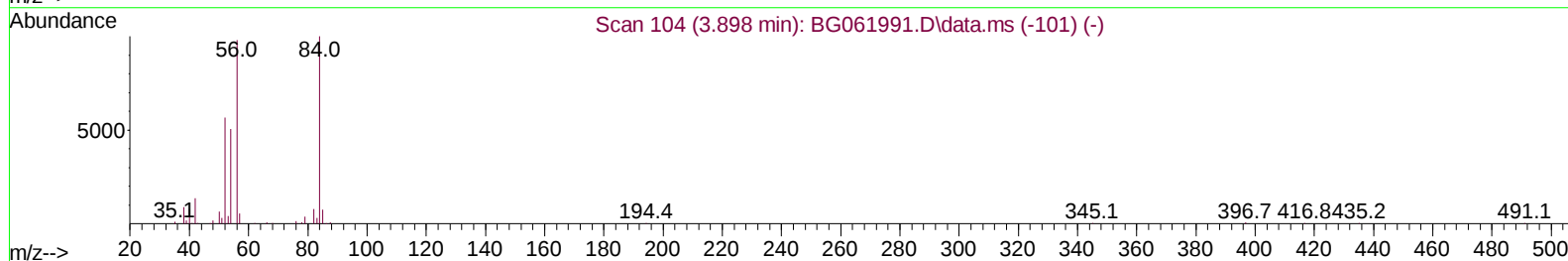
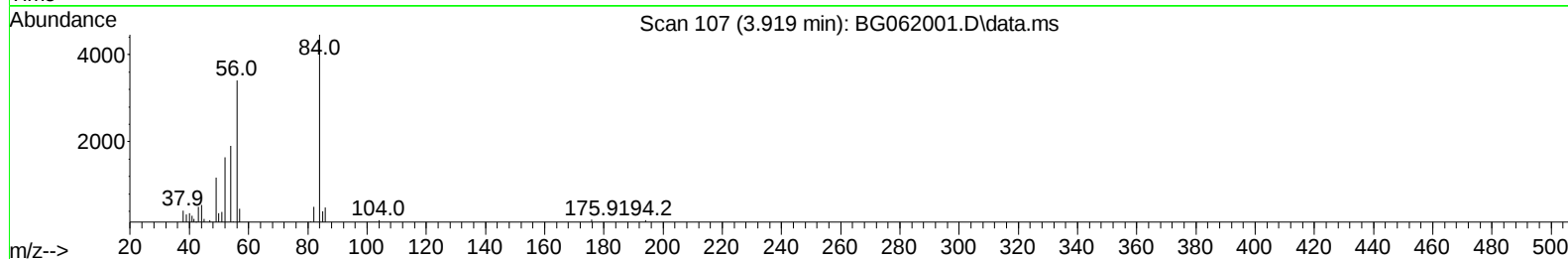
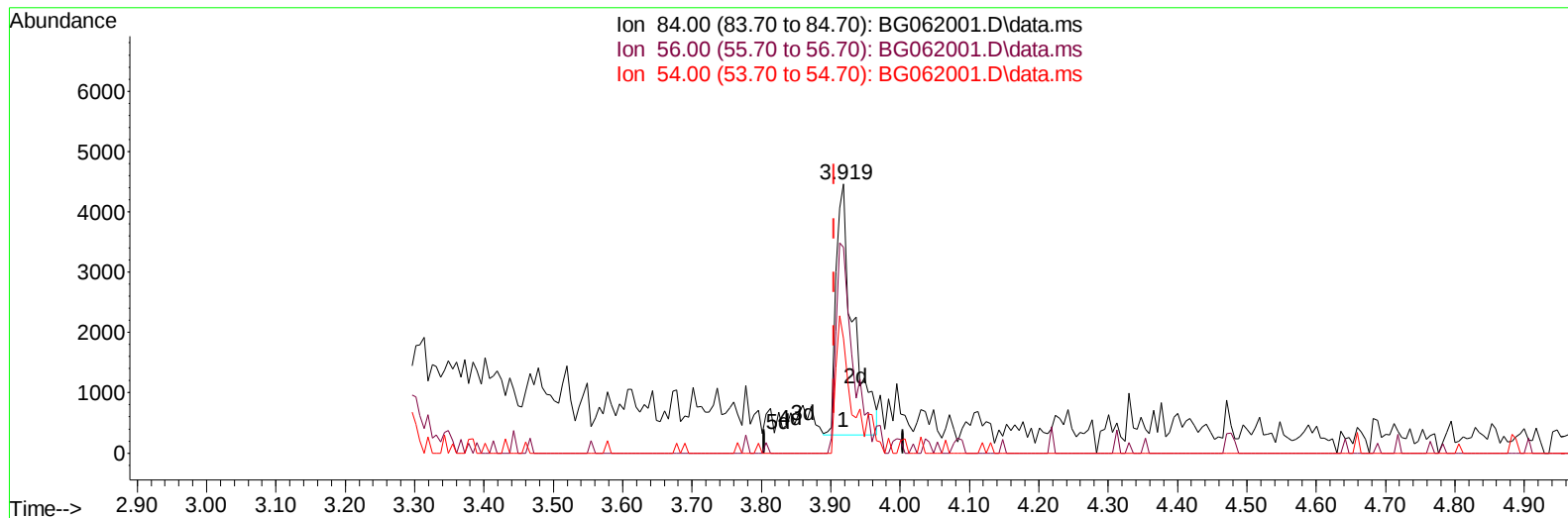
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:17:31 2024
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QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

(4) Pyridine-d5 (S)

3.919min (+ 0.014) 1.75 ng/ul m

response 7149

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	76.58
54.00	45.40	42.66
0.00	0.00	0.00

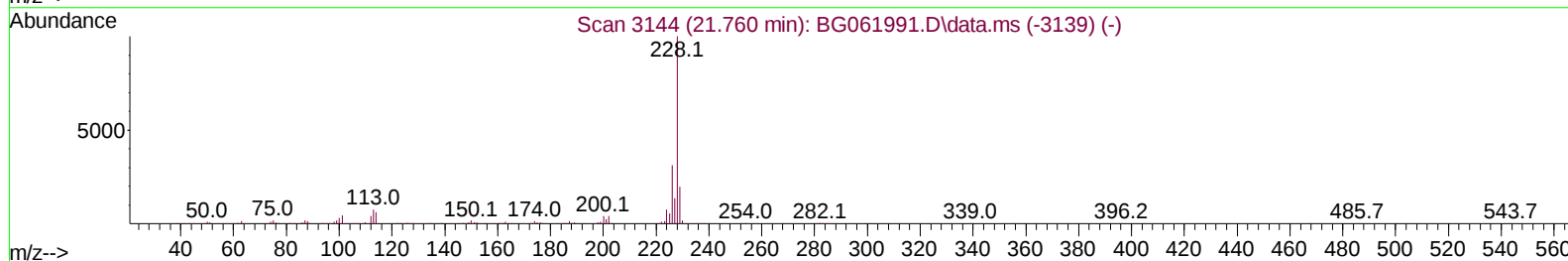
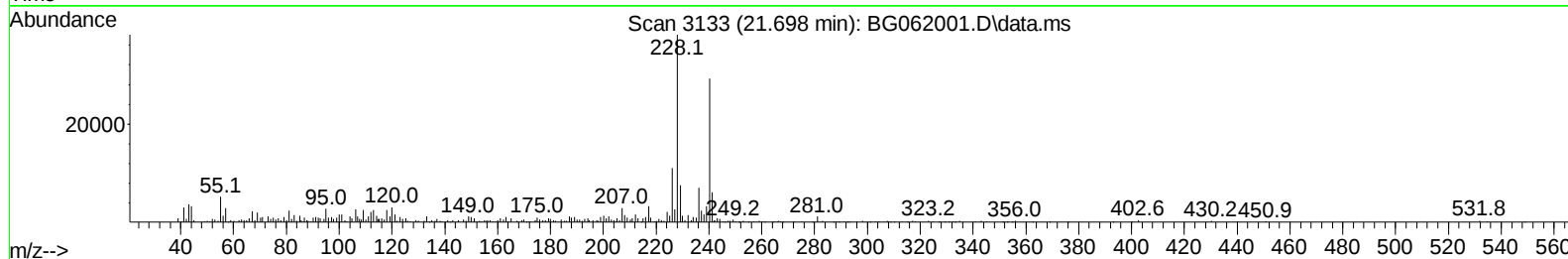
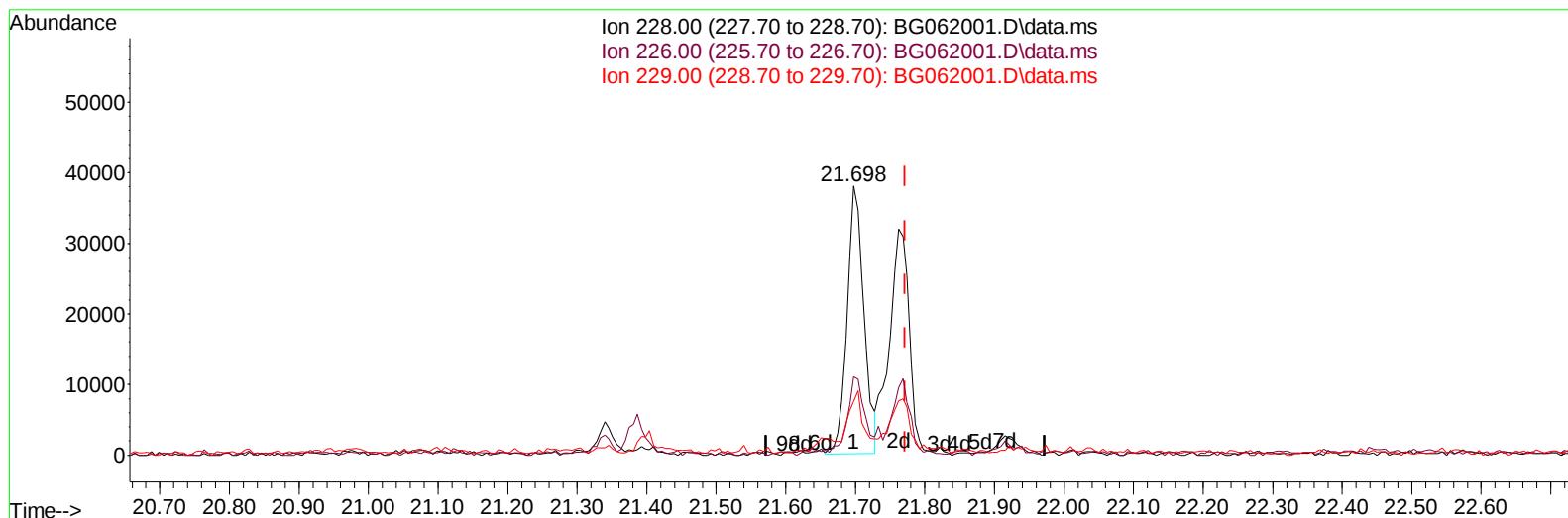
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG062001.D
 Acq On : 10 Jul 2024 16:37
 Operator : MA/JU
 Sample : P3035-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062001.D\data.ms

(87) Chrysene

21.698min (-0.074) 2.67 ng/u1

response 63865

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	29.08
229.00	19.40	19.87
0.00	0.00	0.00

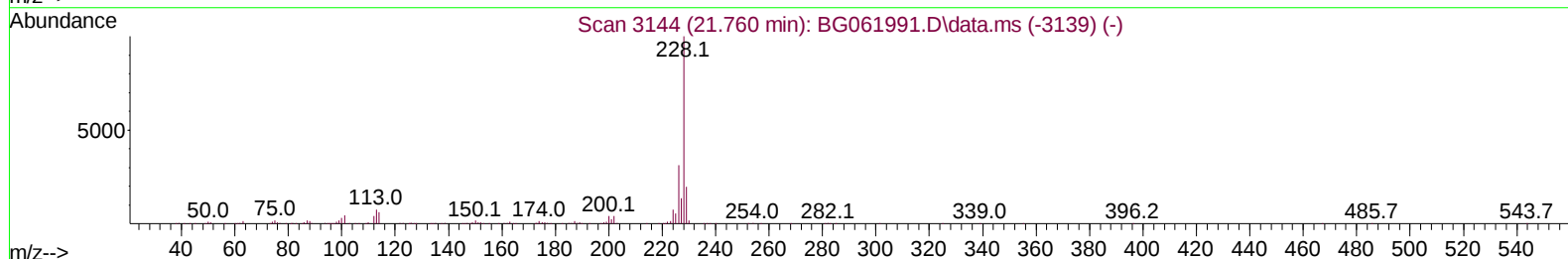
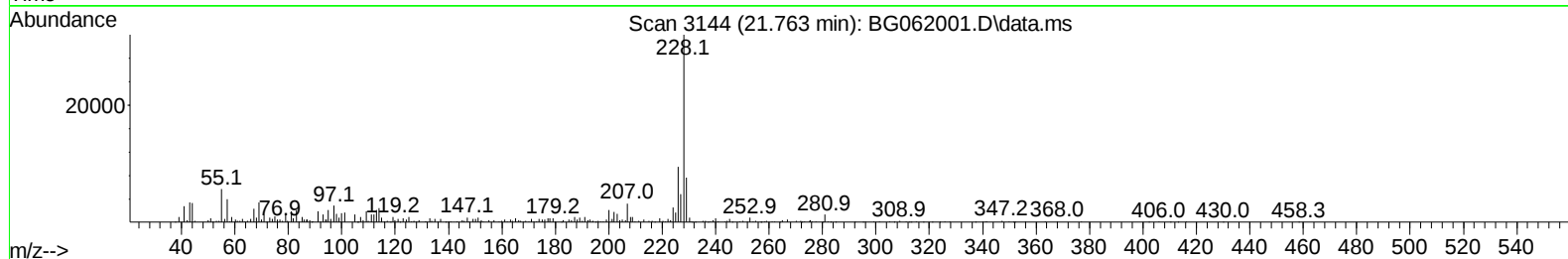
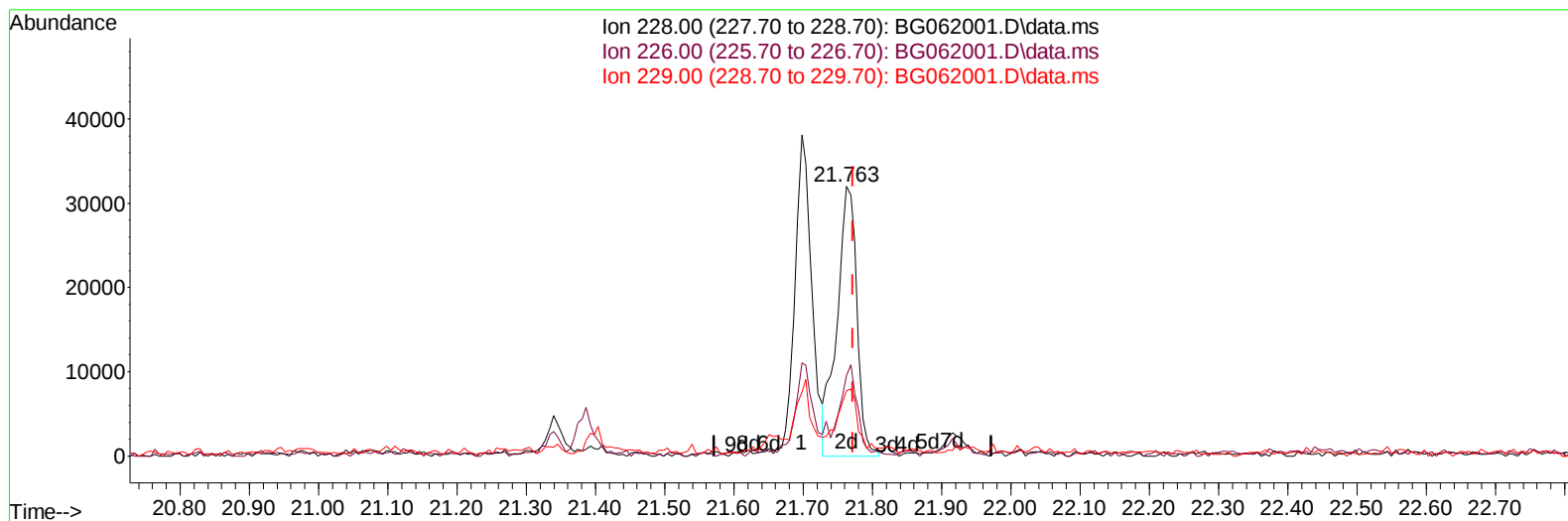
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

(87) Chrysene

21.763min (-0.010) 2.69 ng/u1 m

response 64281

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	29.84
229.00	19.40	24.08#
0.00	0.00	0.00

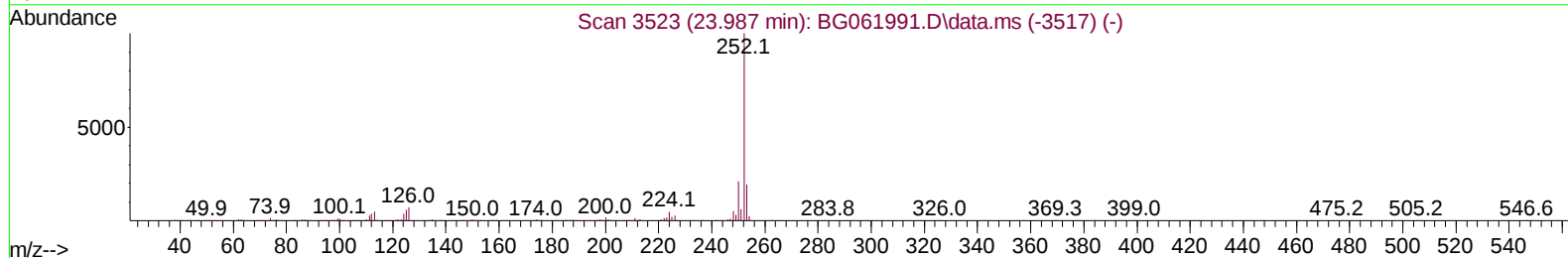
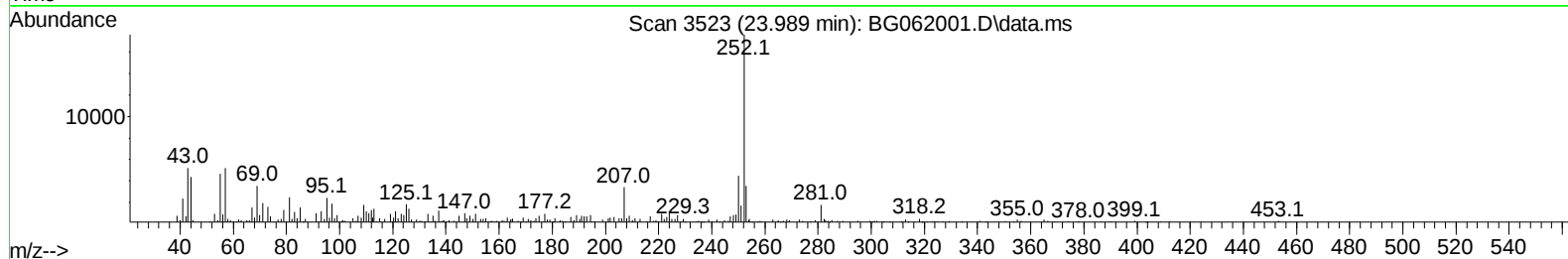
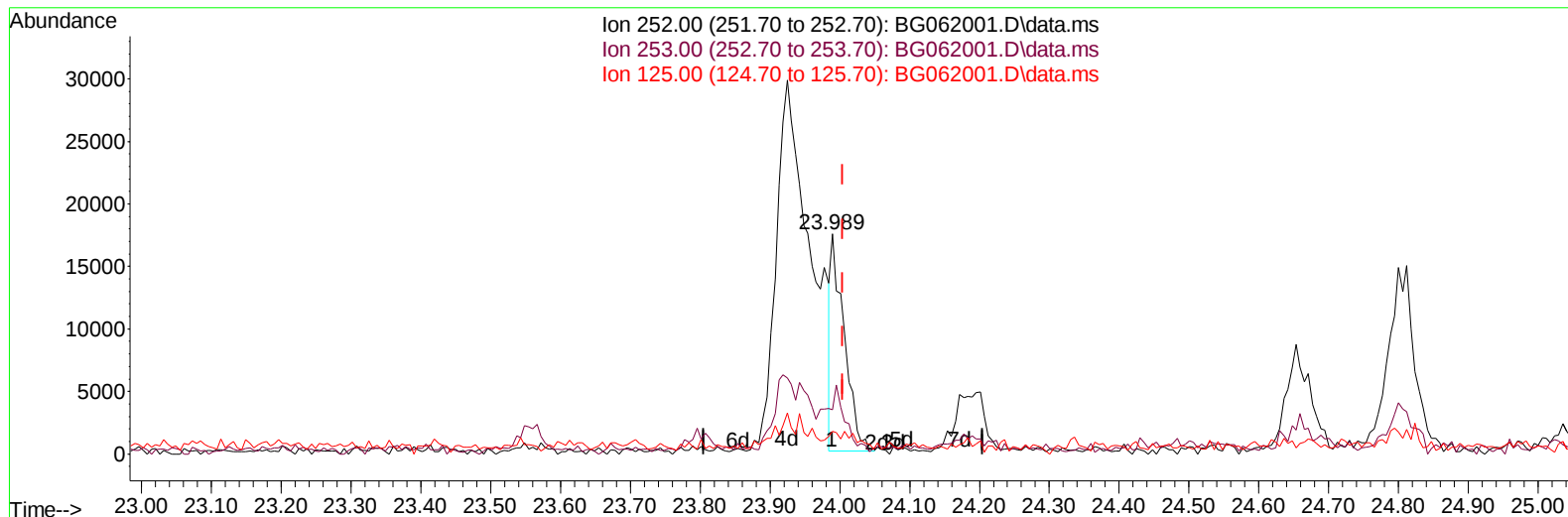
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:23:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Reviewed By :Yogesh Patel 07/11/2024
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TIC: BG062001.D\data.ms

(91) Benzo(k)fluoranthene

23.989min (-0.015) 0.88 ng/u1

response 23239

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	19.99
125.00	7.90	10.38#
0.00	0.00	0.00

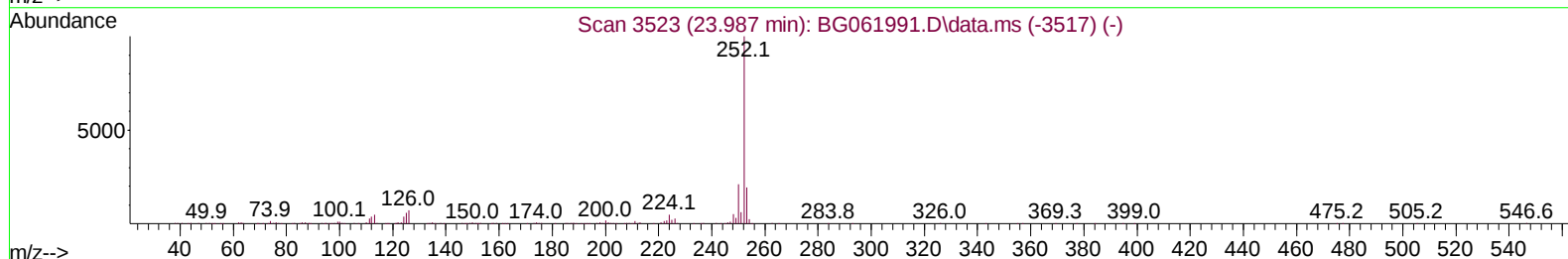
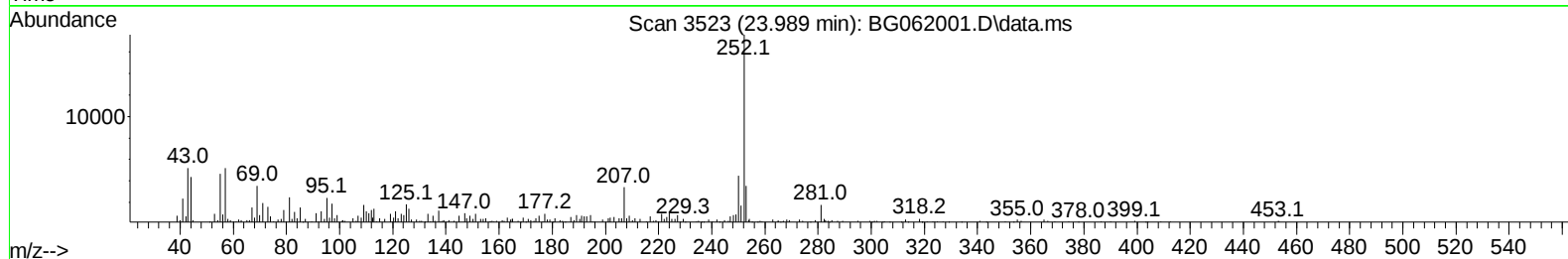
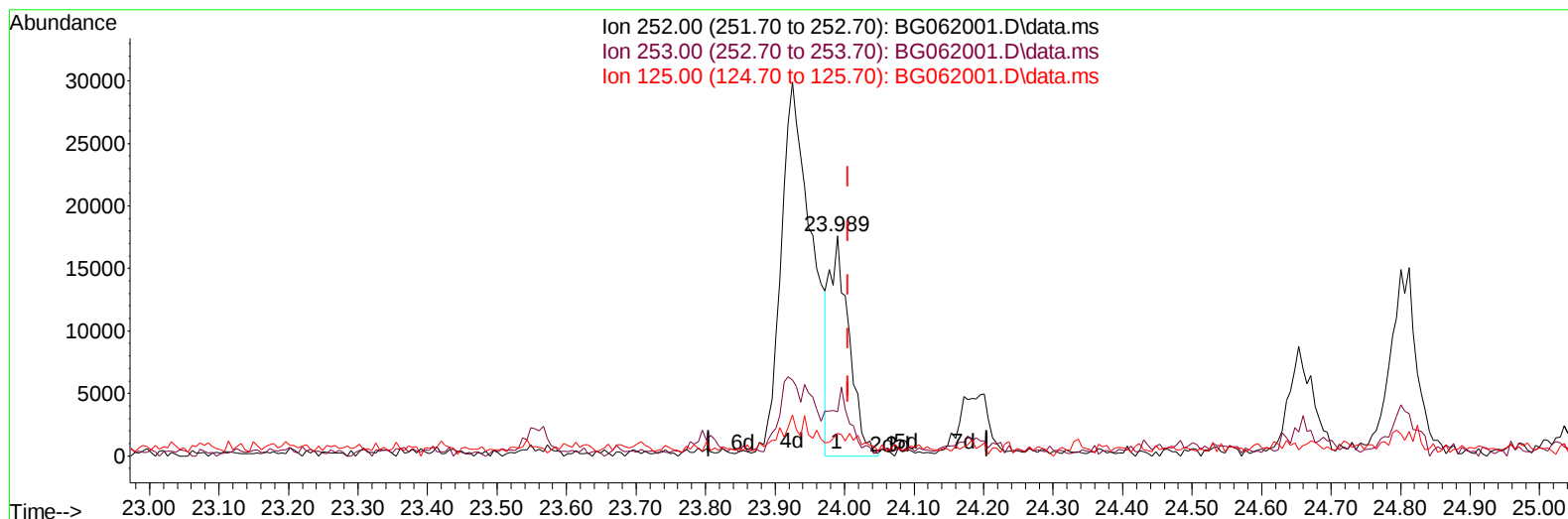
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:23:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

(91) Benzo(k)fluoranthene

23.989min (-0.015) 1.30 ng/u1 m

response 34142

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	19.99
125.00	7.90	10.38#
0.00	0.00	0.00

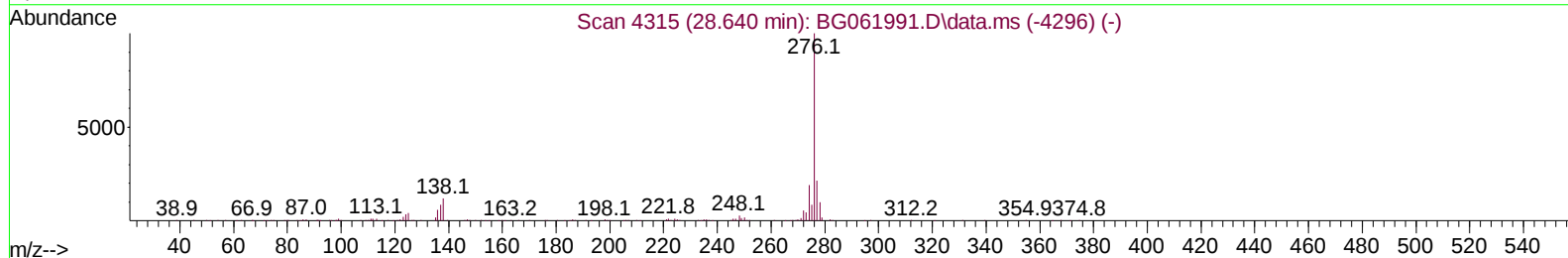
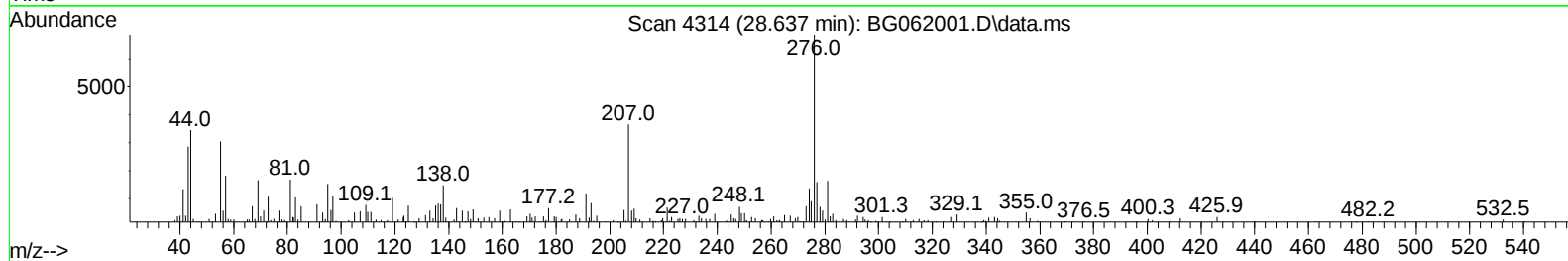
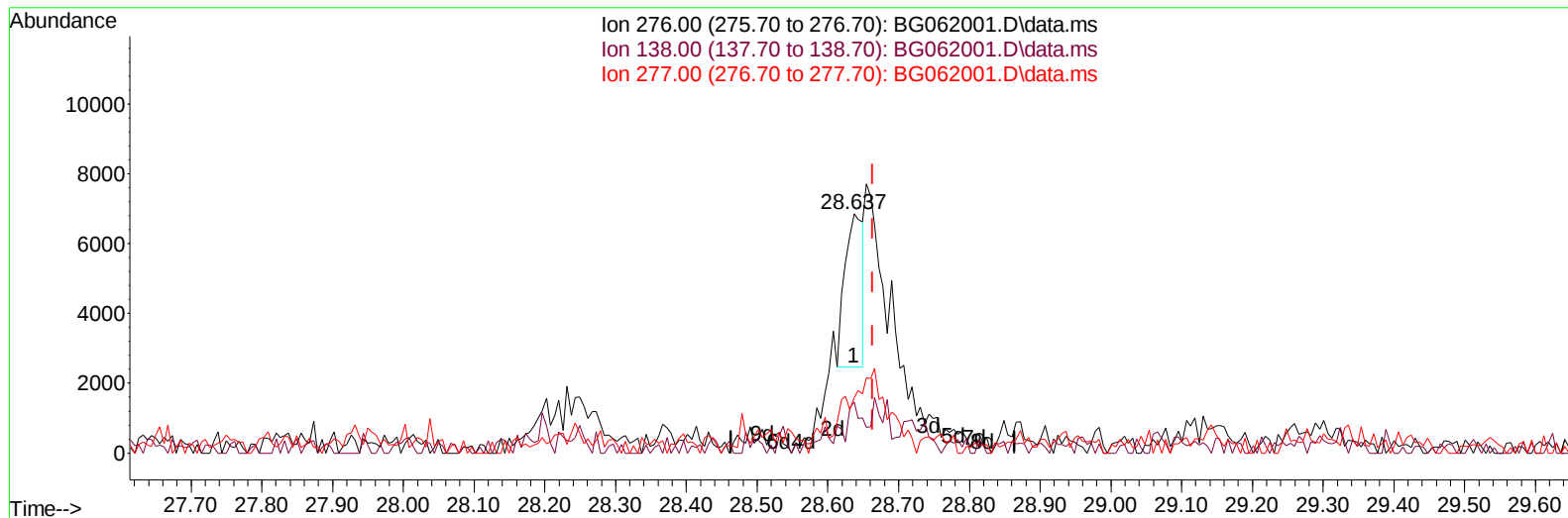
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 17:23:11 2024
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TIC: BG062001.D\data.ms

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

28.637min (-0.027) 0.24 ng/u1

response 7638

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	21.41#
277.00	24.10	23.22
0.00	0.00	0.00

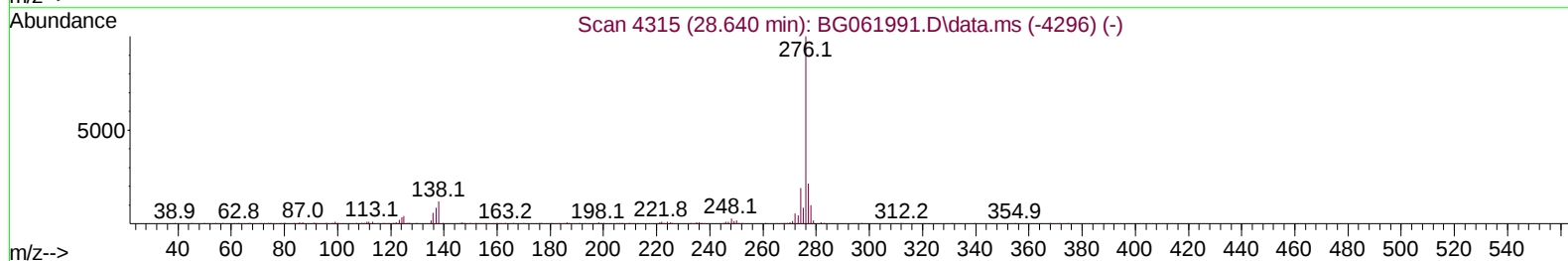
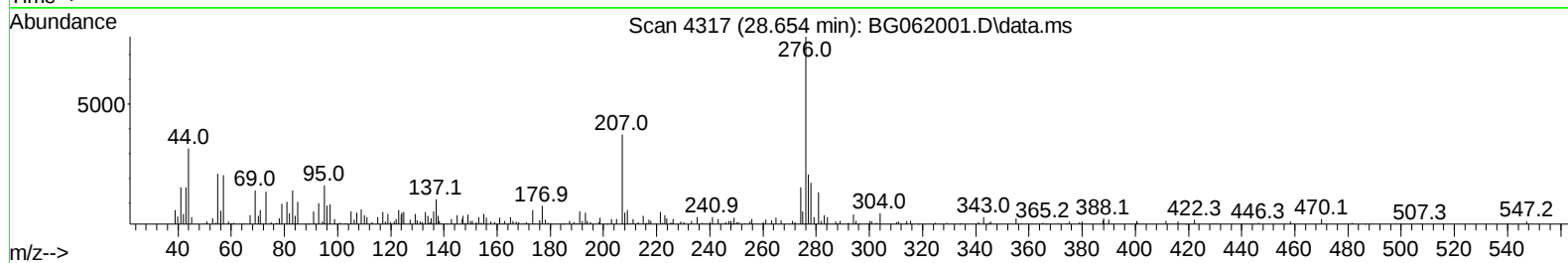
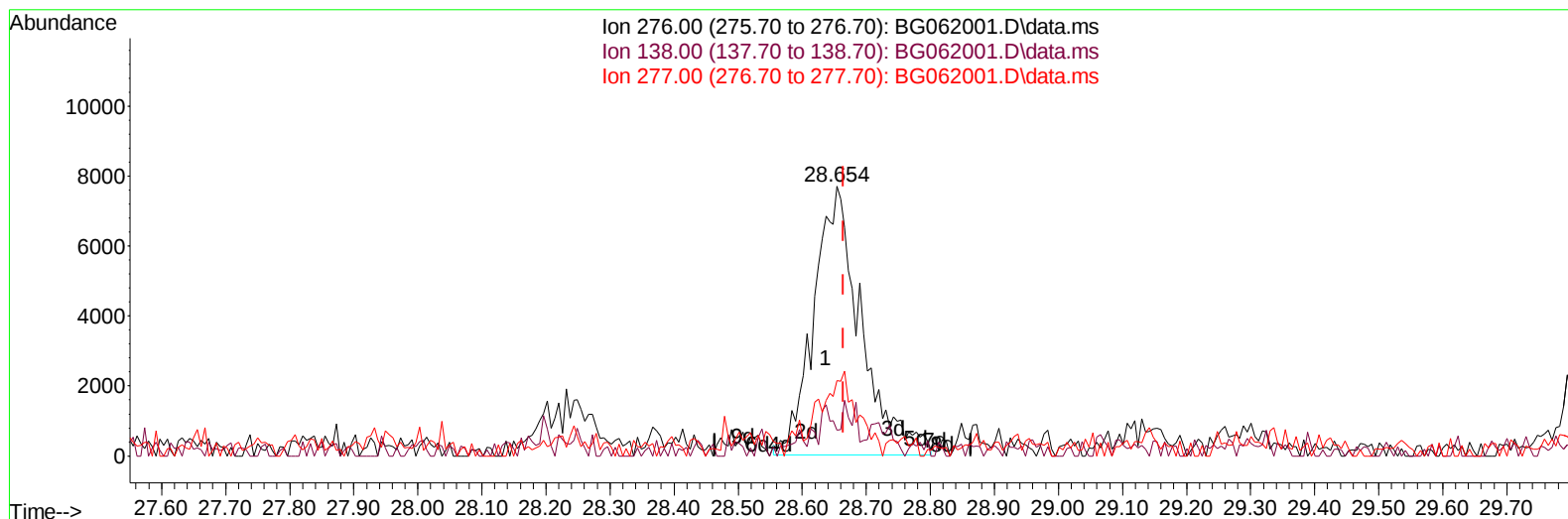
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 10 17:23:11 2024
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Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BG062001.D\data.ms

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

28.654min (-0.010) 1.23 ng/ul m

response 39289

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	6.13#
277.00	24.10	27.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:06:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	49896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.911	136	255302	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	176555	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	395614	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	352520	20.000	ng/ul	# 0.00
88) Perylene-d12	24.965	264	419122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	3706m	2.791	ng/uL	0.00
4) Pyridine-d5	3.919	84	7149m	1.751	ng/ul	0.01
7) Phenol-d5	7.250	99	117326	21.487	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.421	67	69586	20.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.626	132	84100	22.453	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	84017	19.542	ng/ul	0.00
21) Nitrobenzene-d5	9.265	128	44932	23.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.982	143	51805	23.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	100748	23.557	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	80603	12.981	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	331816	22.860	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	370296	24.397	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	45500	19.629	ng/ul	0.00
60) Fluorene-d10	15.705	176	300110	24.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	44372	21.356	ng/ul	0.00
73) Anthracene-d10	17.556	188	448608	24.288	ng/ul	0.00
81) Pyrene-d10	19.835	212	463355	22.347	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.736	264	381634	18.360	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.503	178	60455	2.898	ng/ul	97
80) Fluoranthene	19.500	202	124680	5.081	ng/ul	99
82) Pyrene	19.865	202	98458	3.884	ng/ul	97
85) Benzo(a)anthracene	21.698	228	64074	2.510	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	36123	2.366	ng/ul#	98
87) Chrysene	21.763	228	64281m	2.690	ng/ul	
90) Benzo(b)fluoranthene	23.925	252	91532	3.466	ng/ul#	96
91) Benzo(k)fluoranthene	23.989	252	34142m	1.297	ng/ul	
93) Benzo(a)pyrene	24.812	252	39035	1.561	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.654	276	39289m	1.230	ng/ul	

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

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A4CX7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:06:01 2024
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