

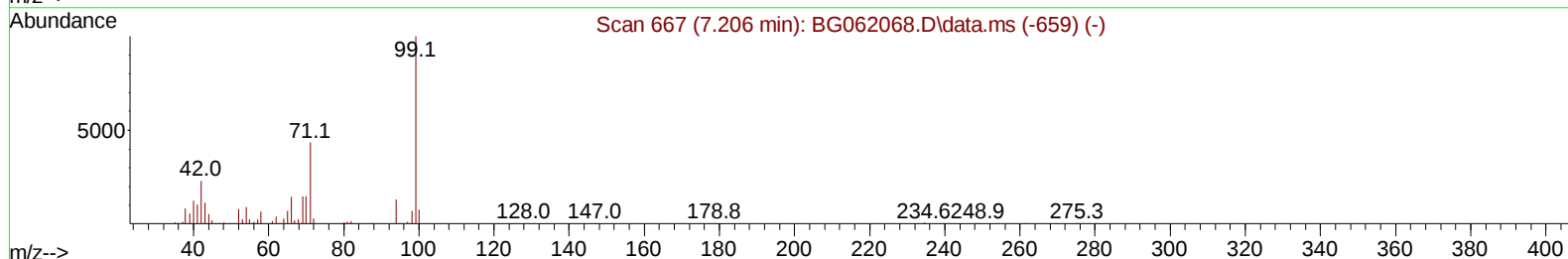
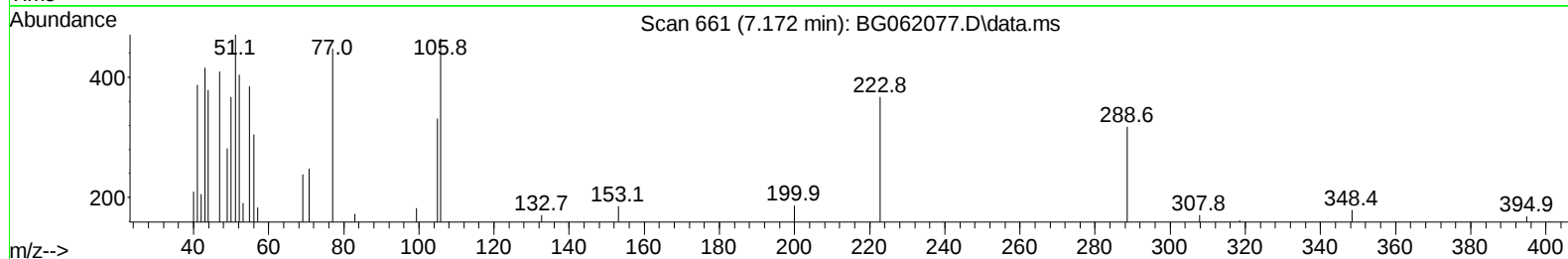
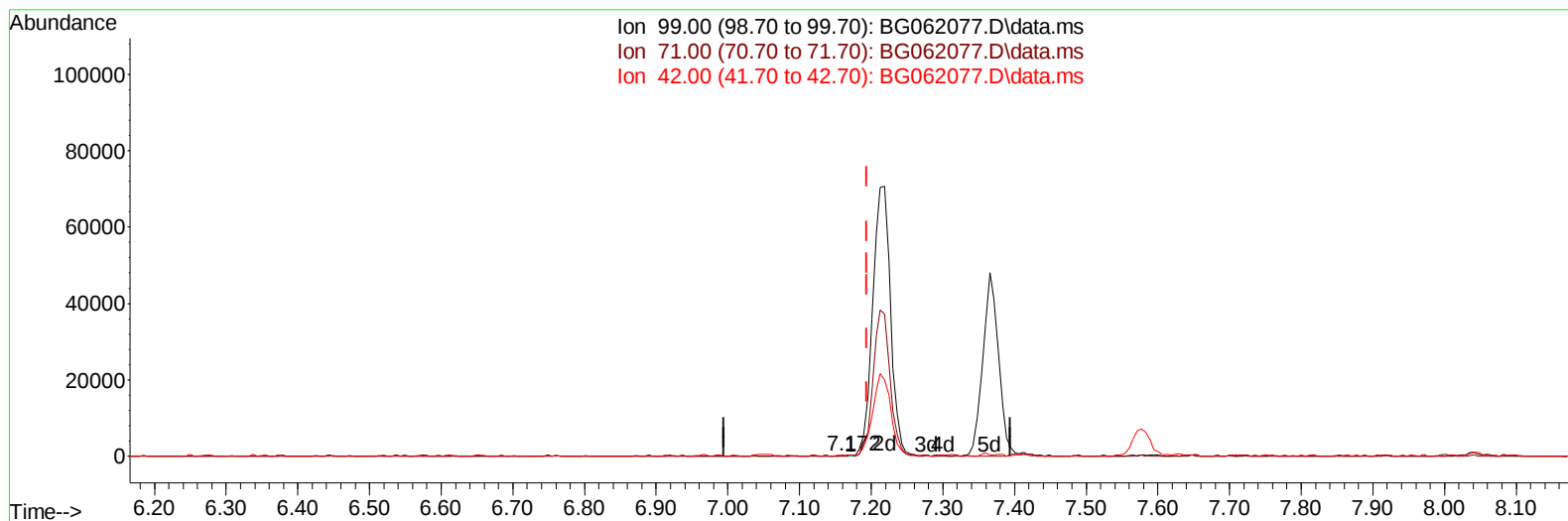
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(7) Phenol-d5 (S)

7.172min (-0.023) 0.02 ng/u1

response 123

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	37.30	136.26#
42.00	25.20	113.19#
0.00	0.00	0.00

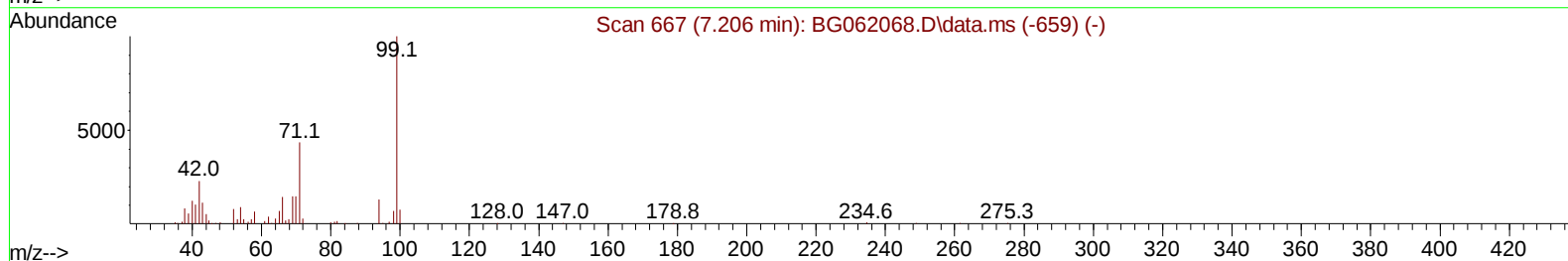
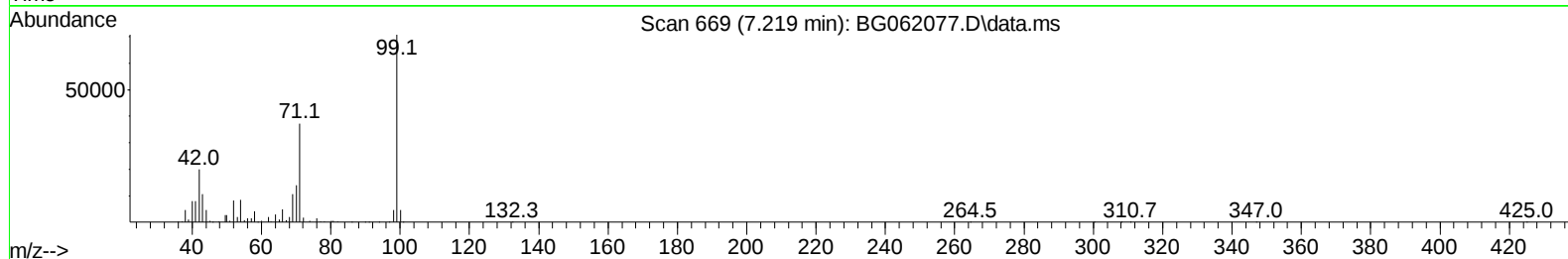
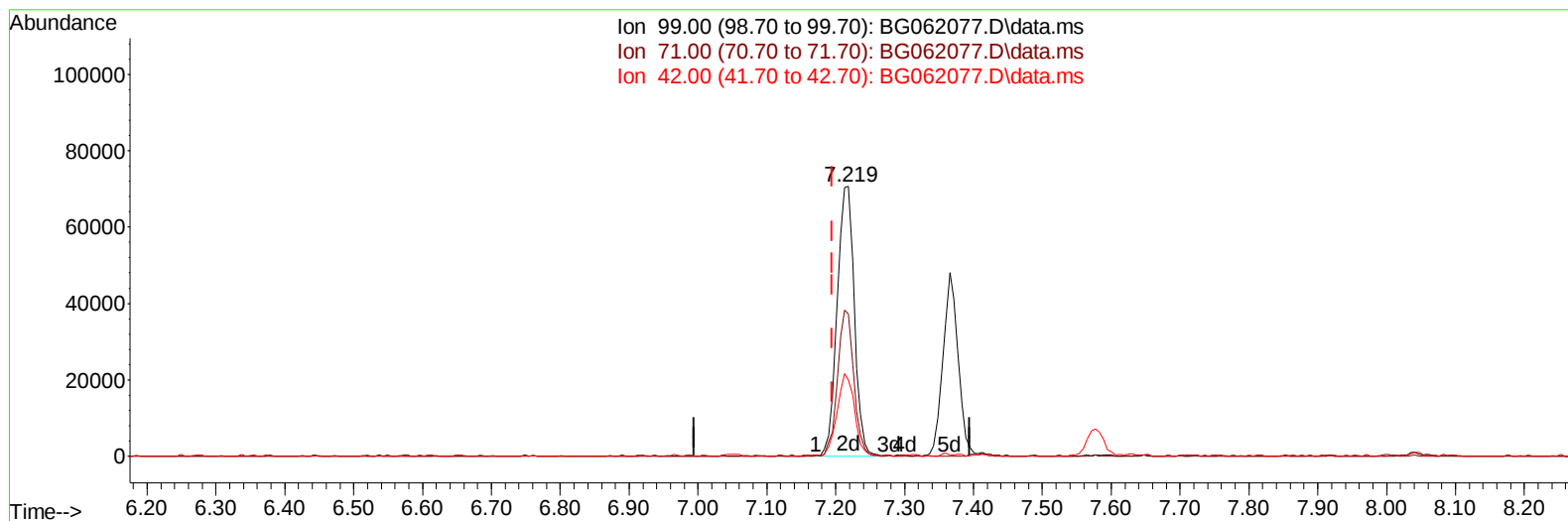
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
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Reviewed By :Yogesh Patel 07/16/2024
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TIC: BG062077.D\data.ms

(7) Phenol-d5 (S)

7.219min (+ 0.024) 23.80 ng/ul m

response 122849

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	37.30	52.71#
42.00	25.20	28.14
0.00	0.00	0.00

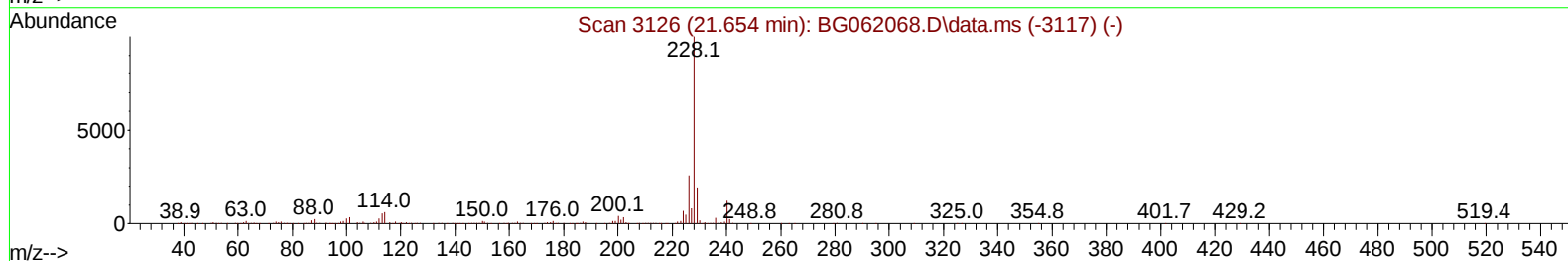
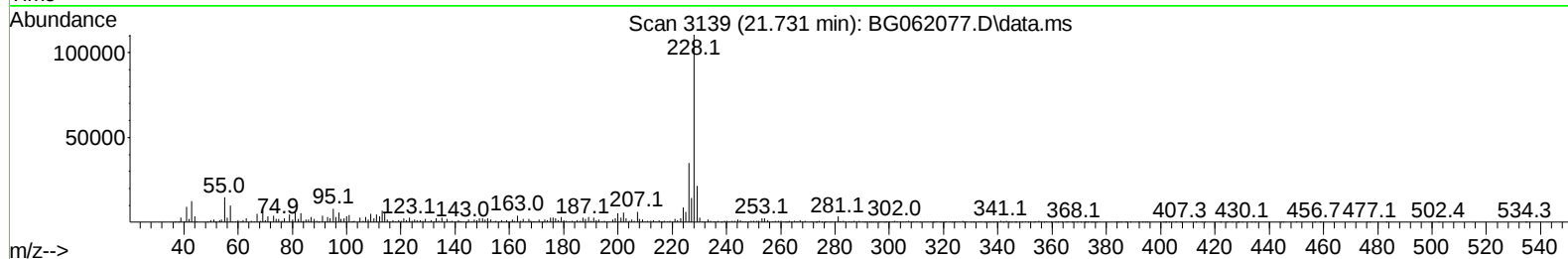
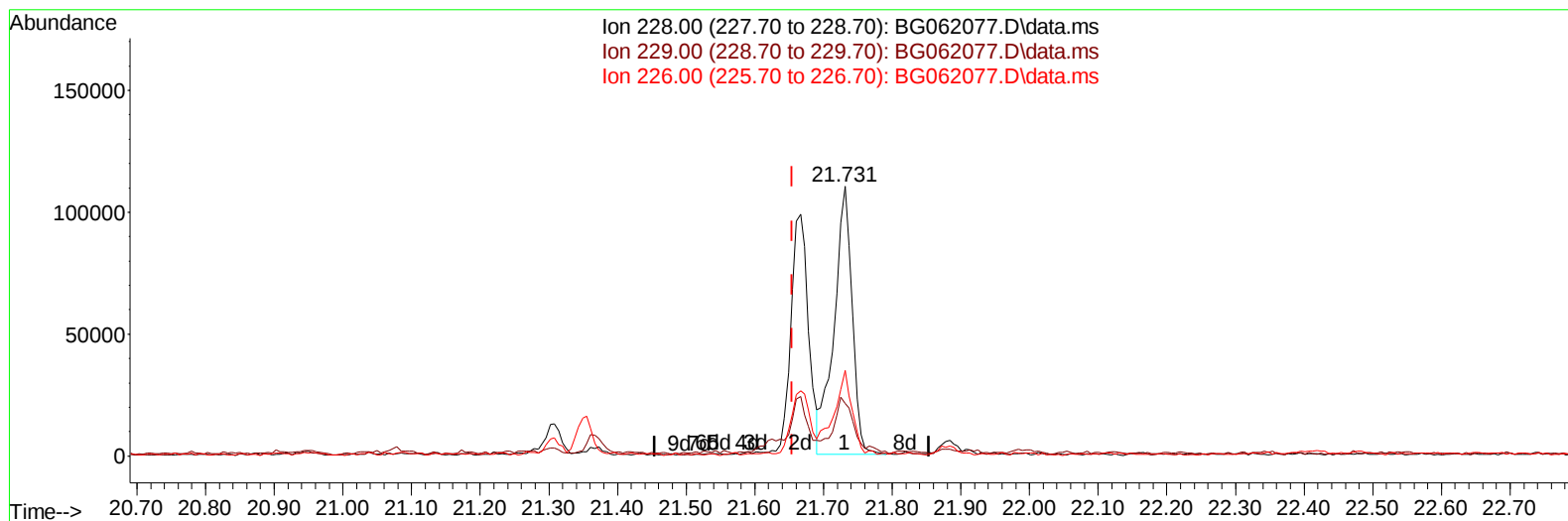
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TIC: BG062077.D\data.ms

(85) Benzo(a)anthracene

21.731min (+ 0.077) 9.45 ng/u1

response 200862

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	19.49
226.00	27.10	31.79
0.00	0.00	0.00

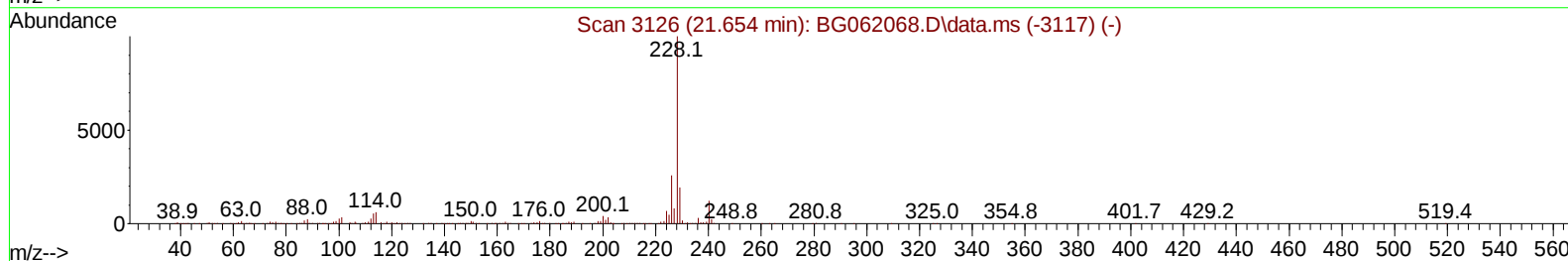
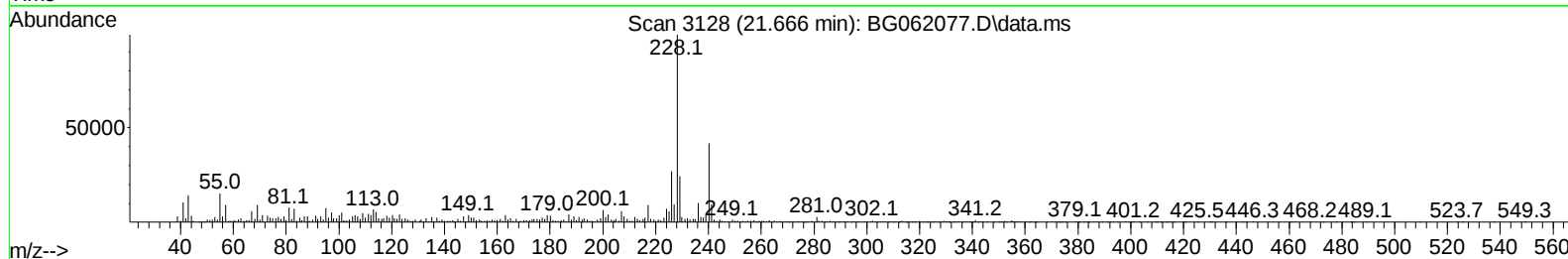
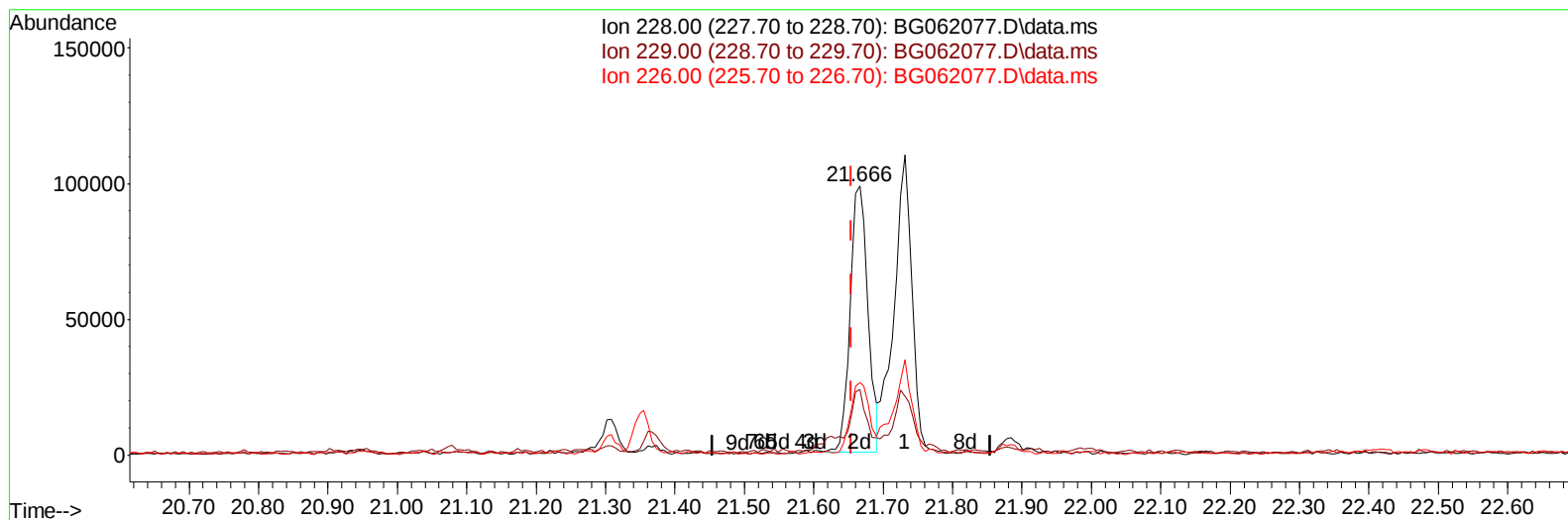
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062077.D
 Acq On : 15 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(85) Benzo(a)anthracene

21.666min (+ 0.012) 8.22 ng/ul m

response 174739

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.50#
226.00	27.10	27.12
0.00	0.00	0.00

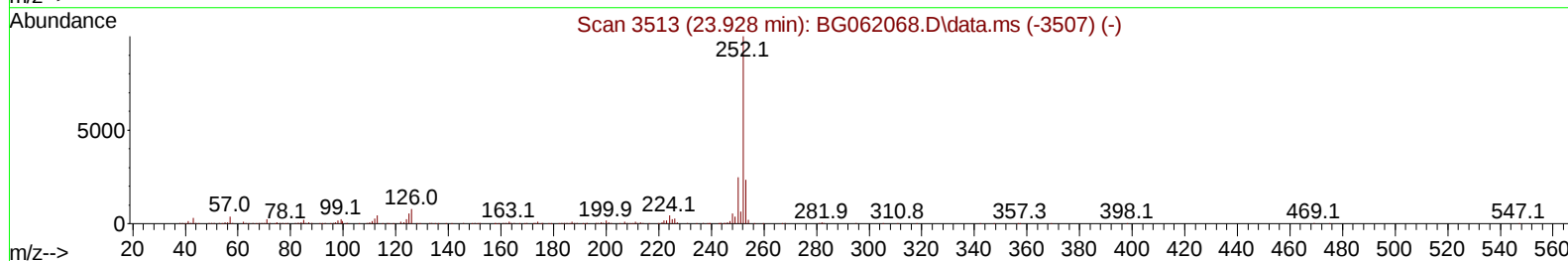
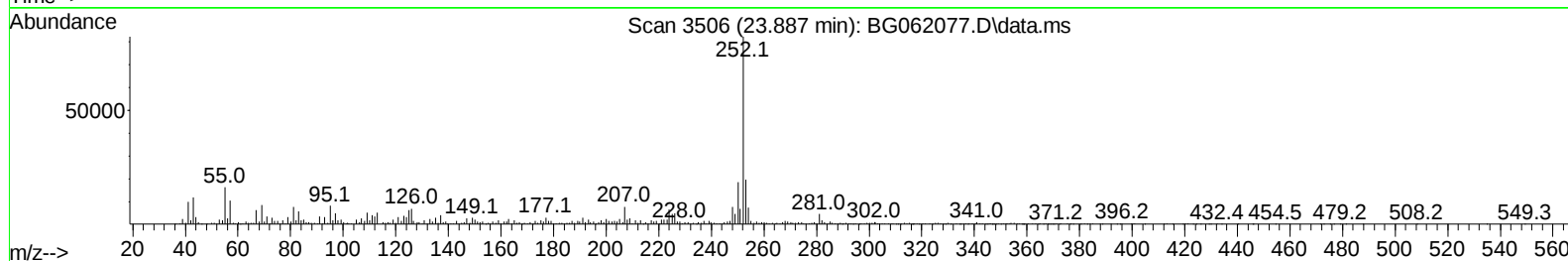
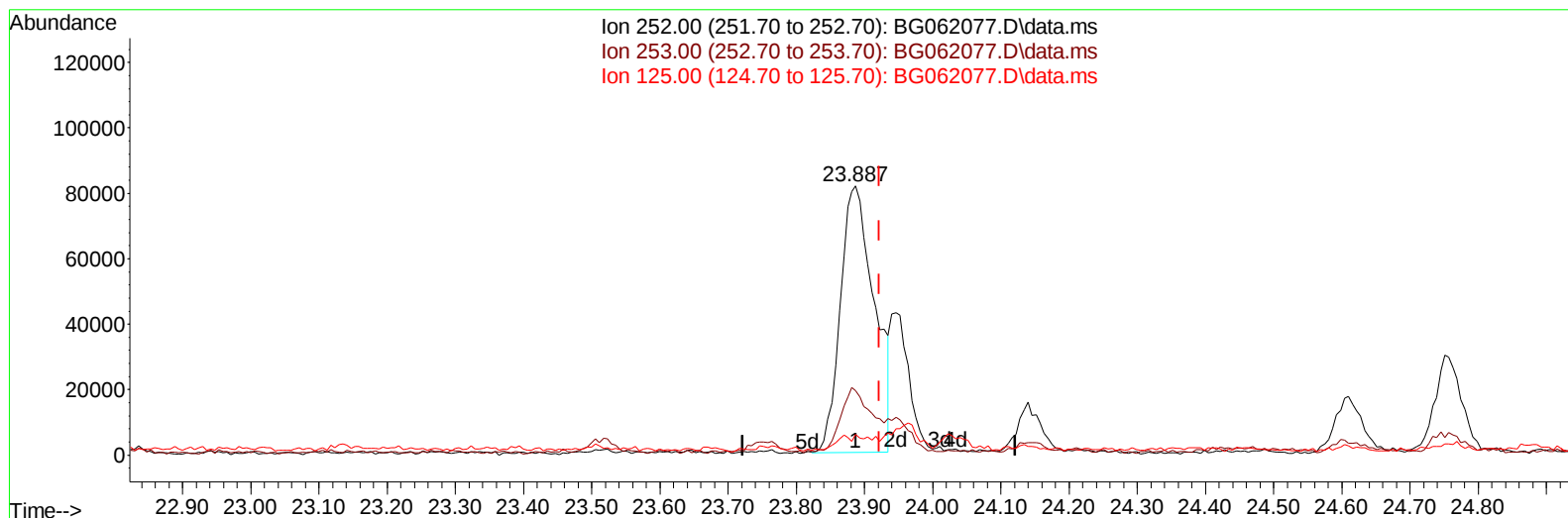
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
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Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(91) Benzo(k)fluoranthene

23.887min (-0.035) 13.00 ng/u1

response 282947

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	24.01
125.00	7.90	7.68
0.00	0.00	0.00

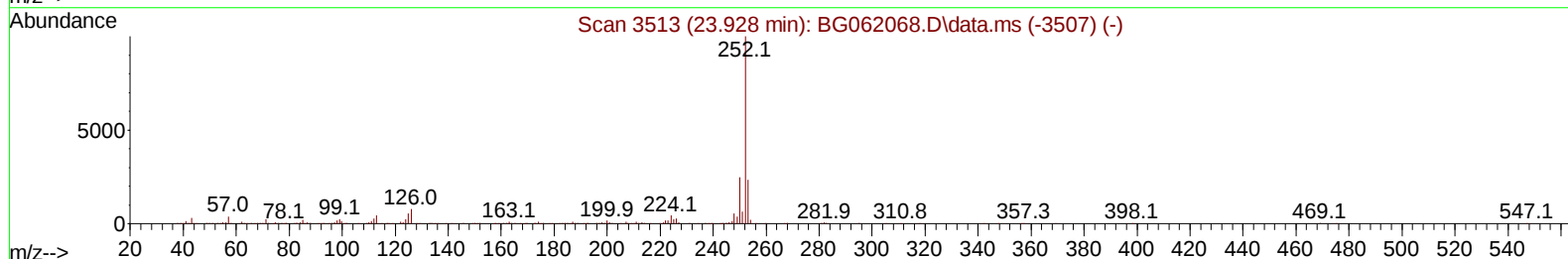
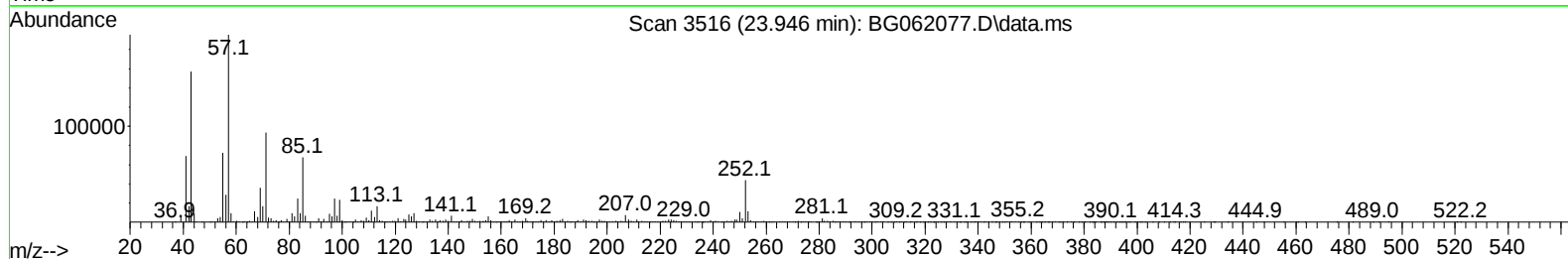
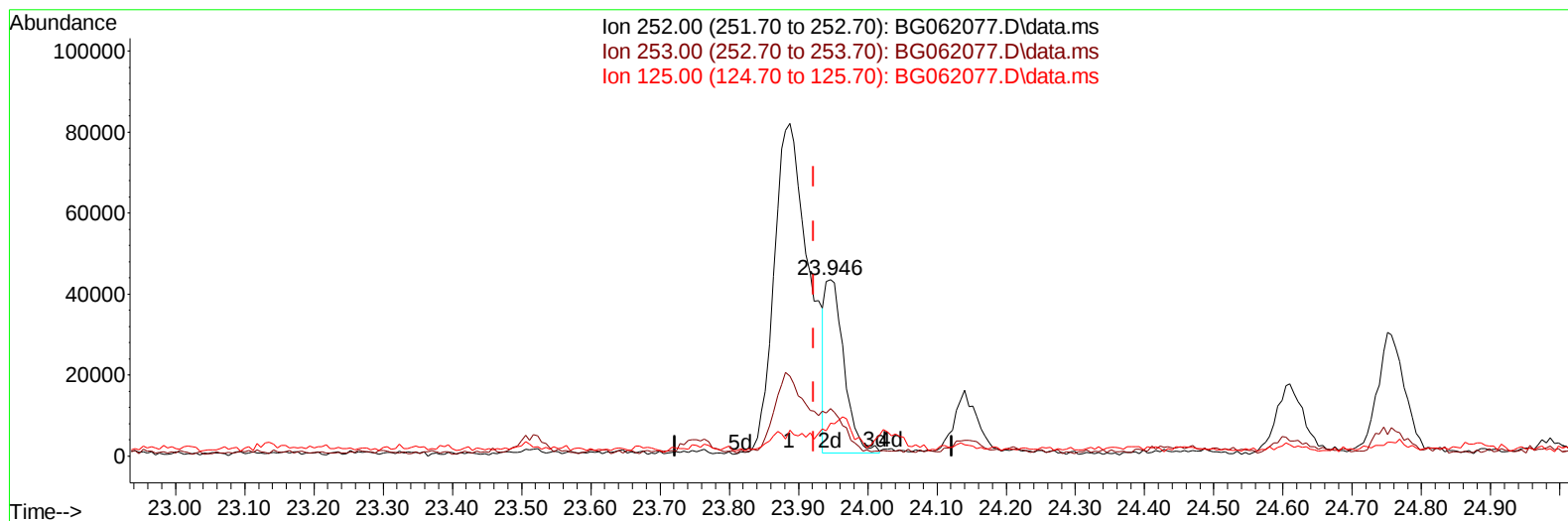
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(91) Benzo(k)fluoranthene

23.946min (+ 0.024) 3.72 ng/u1 m

response 80951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	26.70
125.00	7.90	18.63#
0.00	0.00	0.00

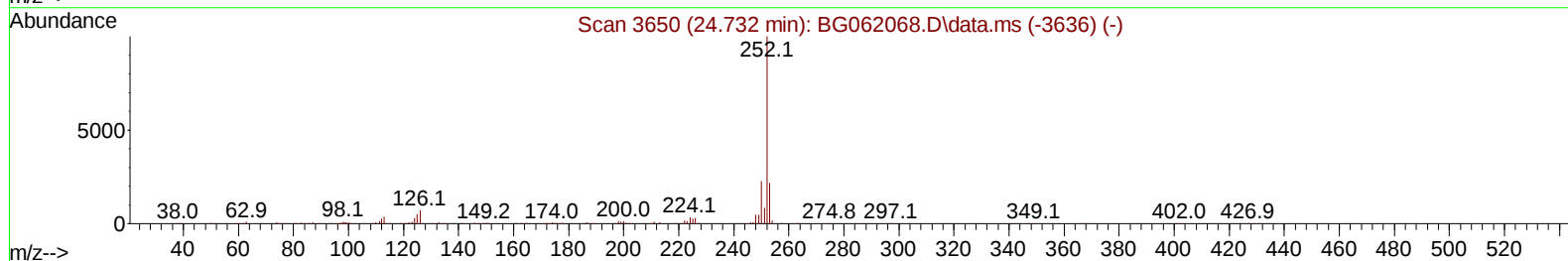
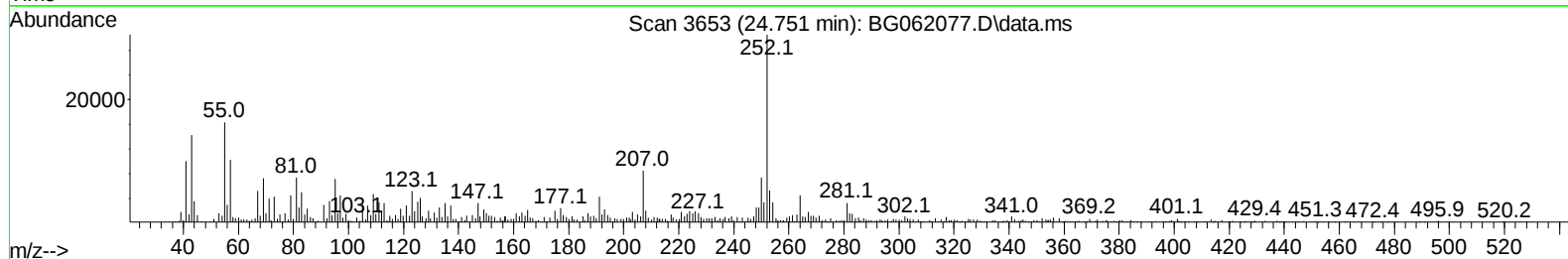
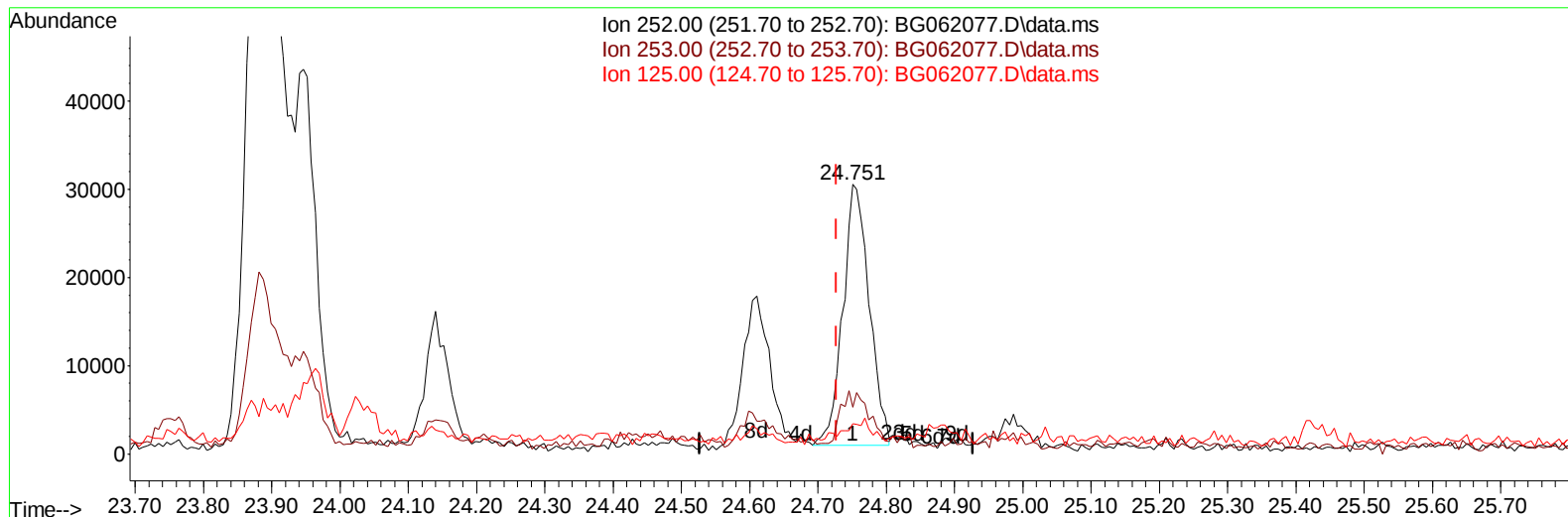
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(93) Benzo(a)pyrene (C)

24.751min (+ 0.024) 3.86 ng/u1

response 79691

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	17.42
125.00	9.30	11.22#
0.00	0.00	0.00

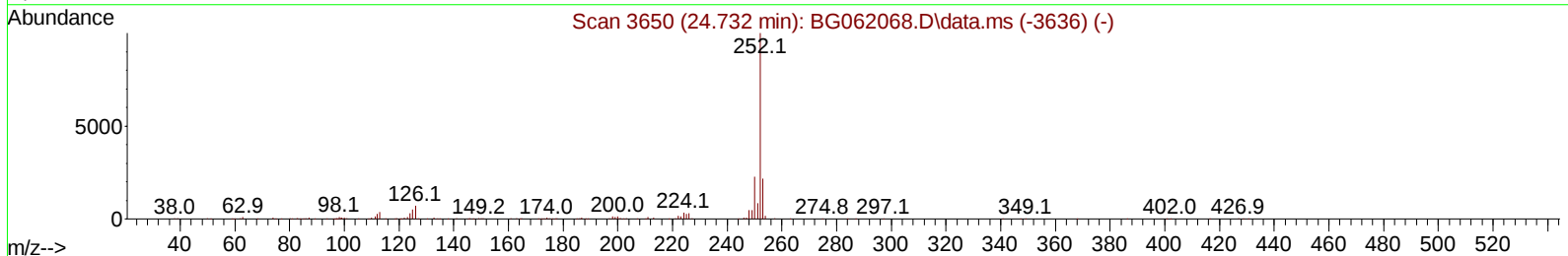
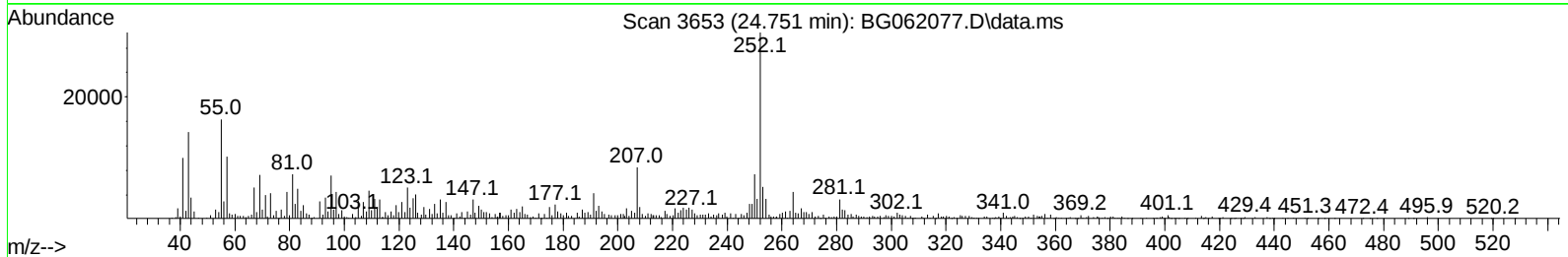
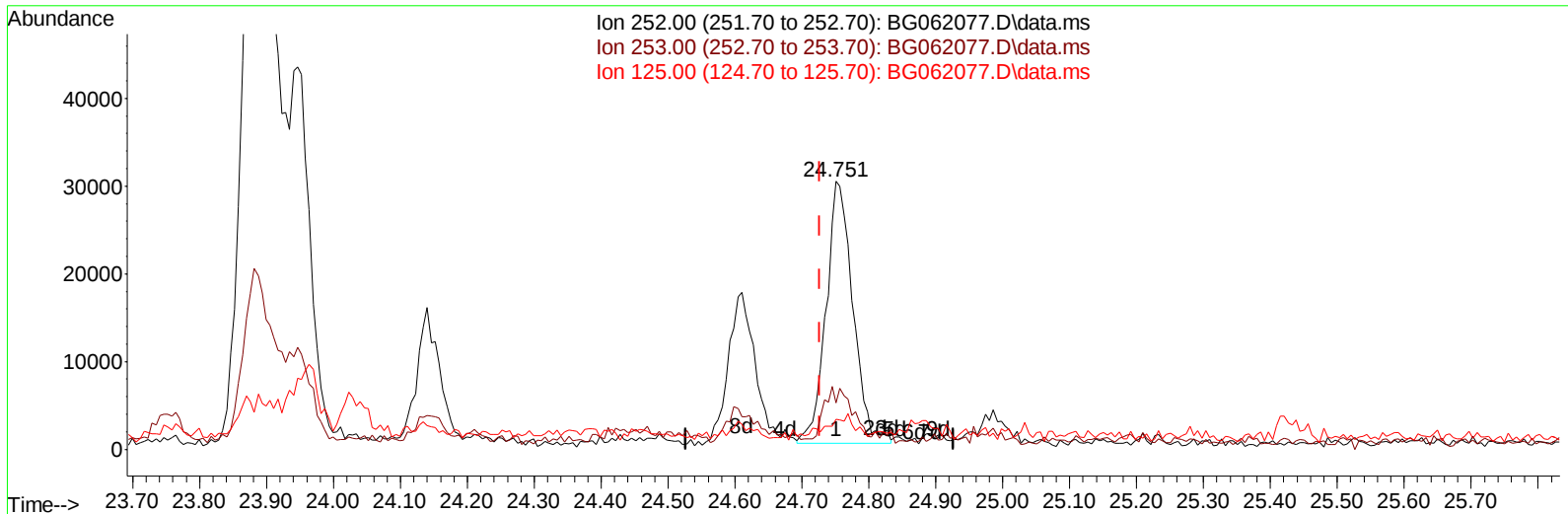
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(93) Benzo(a)pyrene (C)

24.751min (+ 0.024) 4.03 ng/u1 m

response 83288

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	17.42
125.00	9.30	11.22#
0.00	0.00	0.00

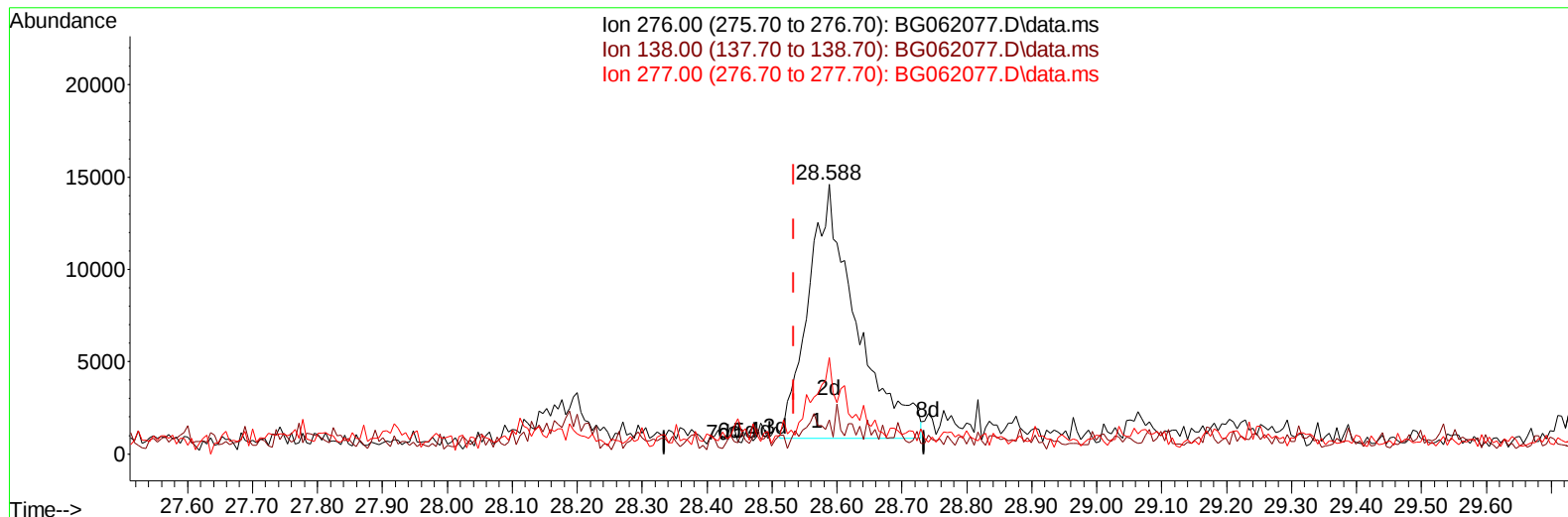
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062077.D
 Acq On : 15 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:59 2024
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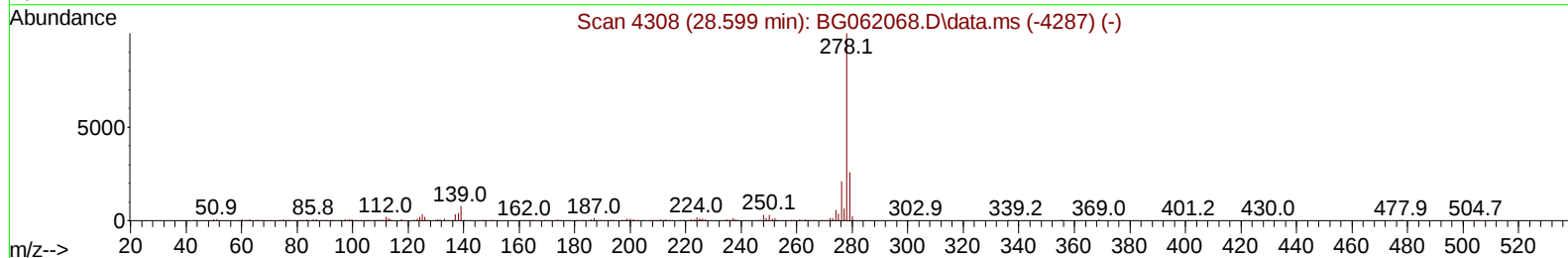
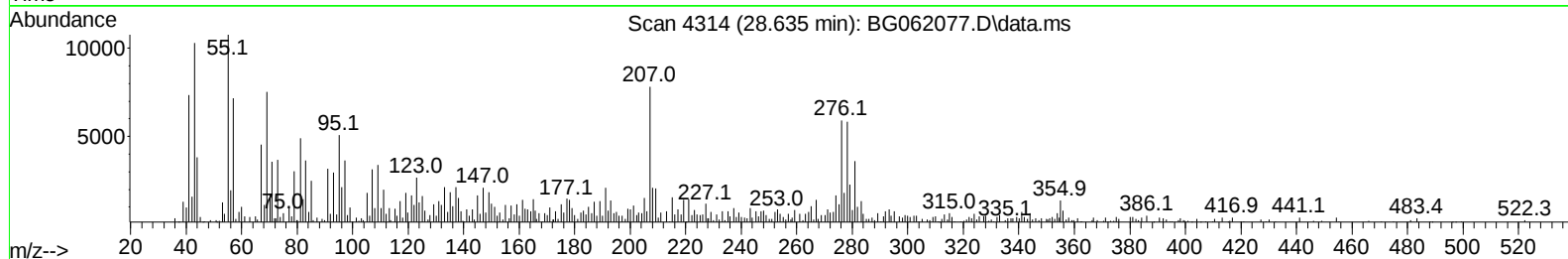
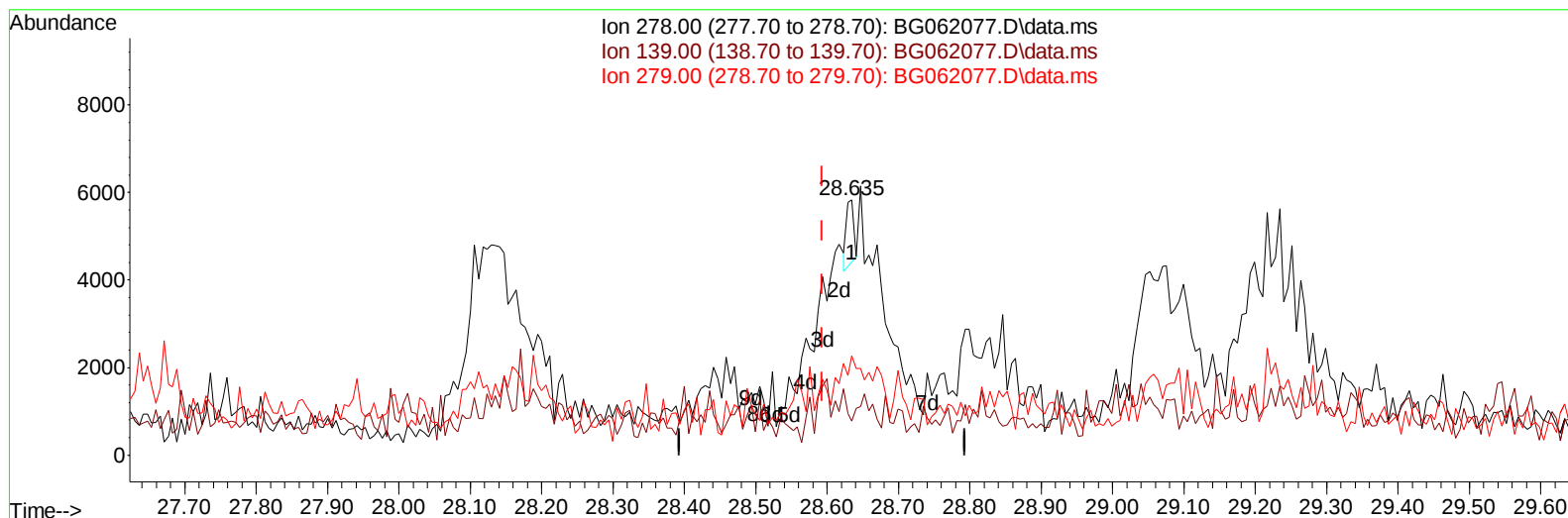
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Acq On : 15 Jul 2024 20:45
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Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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TIC: BG062077.D\data.ms

(95) Dibenzo(a,h)anthracene

28.635min (+ 0.042) 0.05 ng/u1

response 1072

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	16.86#
279.00	23.50	39.02#
0.00	0.00	0.00

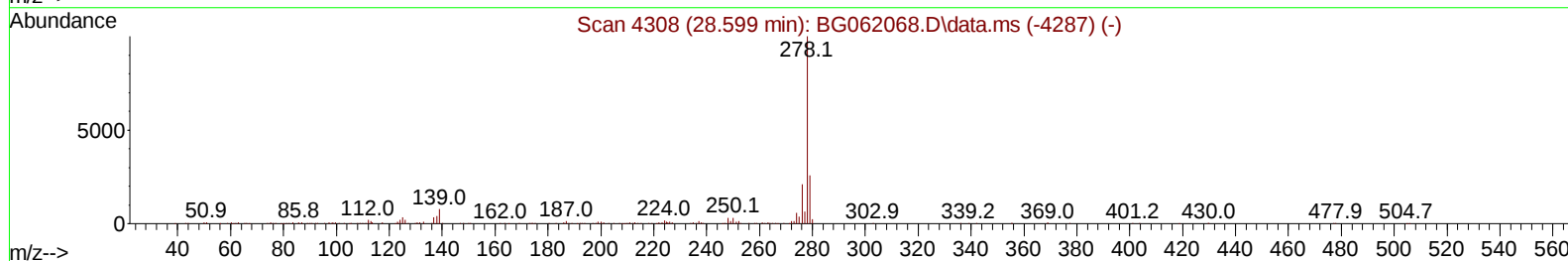
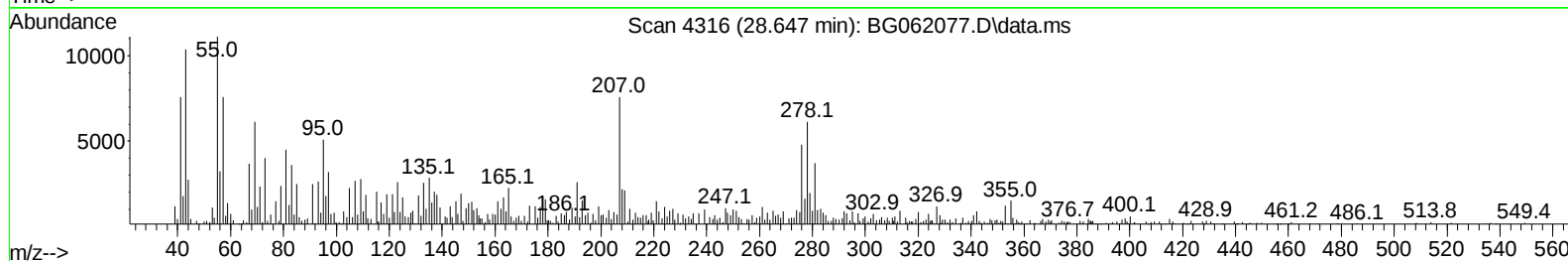
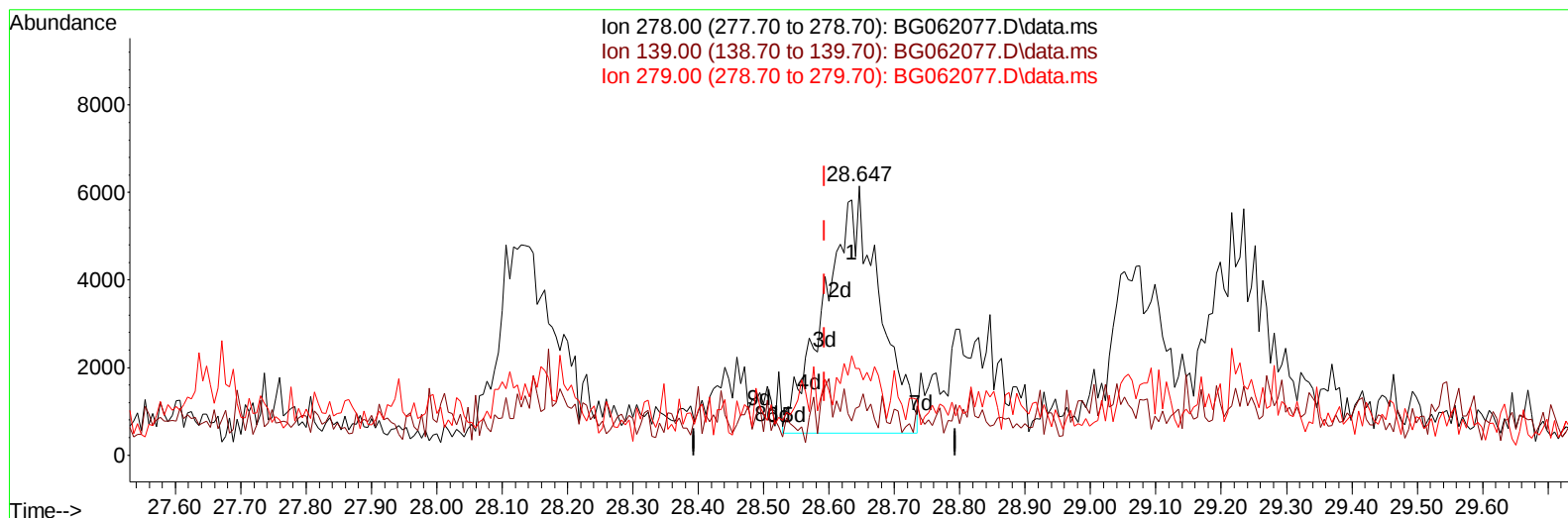
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Data File : BG062077.D
Acq On : 15 Jul 2024 20:45
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Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/20/2024



TIC: BG062077.D\data.ms

(95) Dibenzo(a,h)anthracene

28.647min (+ 0.053) 1.48 ng/ul m

response 32339

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.95#
279.00	23.50	32.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
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 Sample : P3100-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D08

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 15 23:52:16 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	47157	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	211484	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	147442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.424	188	335976	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	293518	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	346403	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	3745	2.984	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.219	99	122849m	23.805	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.366	67	66094	20.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	89398	25.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	92956	22.877	ng/ul	0.01
21) Nitrobenzene-d5	9.216	128	46536	28.933	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	53956	29.375	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	108030	30.493	ng/ul	0.01
31) 4-Chloroaniline-d4	10.997	131	17163	3.337	ng/ul	0.01
46) Dimethylphthalate-d6	14.075	166	338022	27.886	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	370838	29.257	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	48205	24.902	ng/ul	0.02
60) Fluorene-d10	15.668	176	285598	27.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	37598	21.308	ng/ul	0.00
73) Anthracene-d10	17.524	188	449691	28.668	ng/ul	0.00
81) Pyrene-d10	19.804	212	409410	23.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	300870	17.513	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.465	178	206615	11.663	ng/ul	98
74) Anthracene	17.554	178	41289	2.255	ng/ul	99
77) Carbazole	17.824	167	18856	1.224	ng/ul#	95
80) Fluoranthene	19.469	202	366730	17.949	ng/ul#	93
82) Pyrene	19.833	202	241706	11.452	ng/ul#	94
85) Benzo(a)anthracene	21.666	228	174739m	8.222	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.561	149	16211	1.275	ng/ul#	90
87) Chrysene	21.731	228	200838	10.095	ng/ul	97
90) Benzo(b)fluoranthene	23.887	252	282753	12.956	ng/ul	96
91) Benzo(k)fluoranthene	23.946	252	80951m	3.720	ng/ul	
93) Benzo(a)pyrene	24.751	252	83288m	4.030	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.588	276	70148m	2.656	ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	32339m	1.483	ng/ul	

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

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Sample : P3100-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024
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