

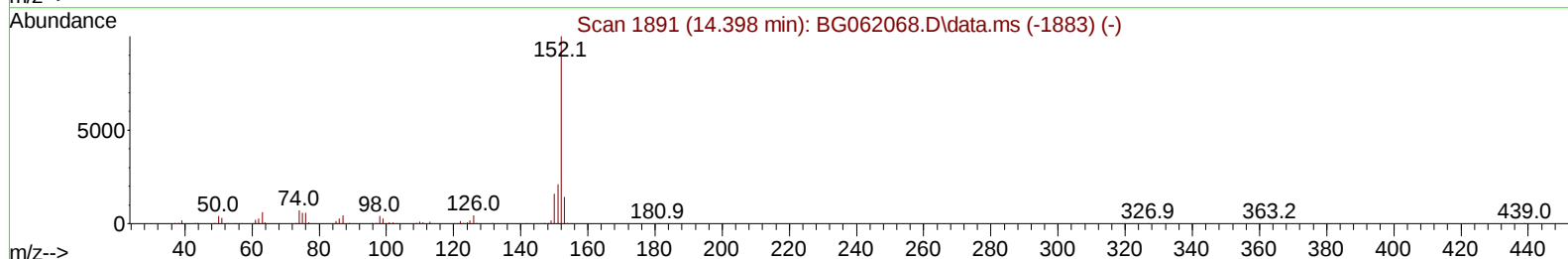
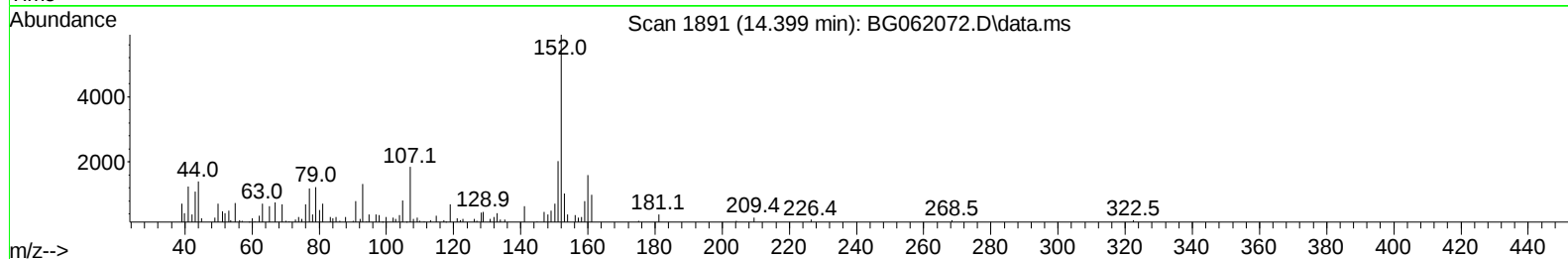
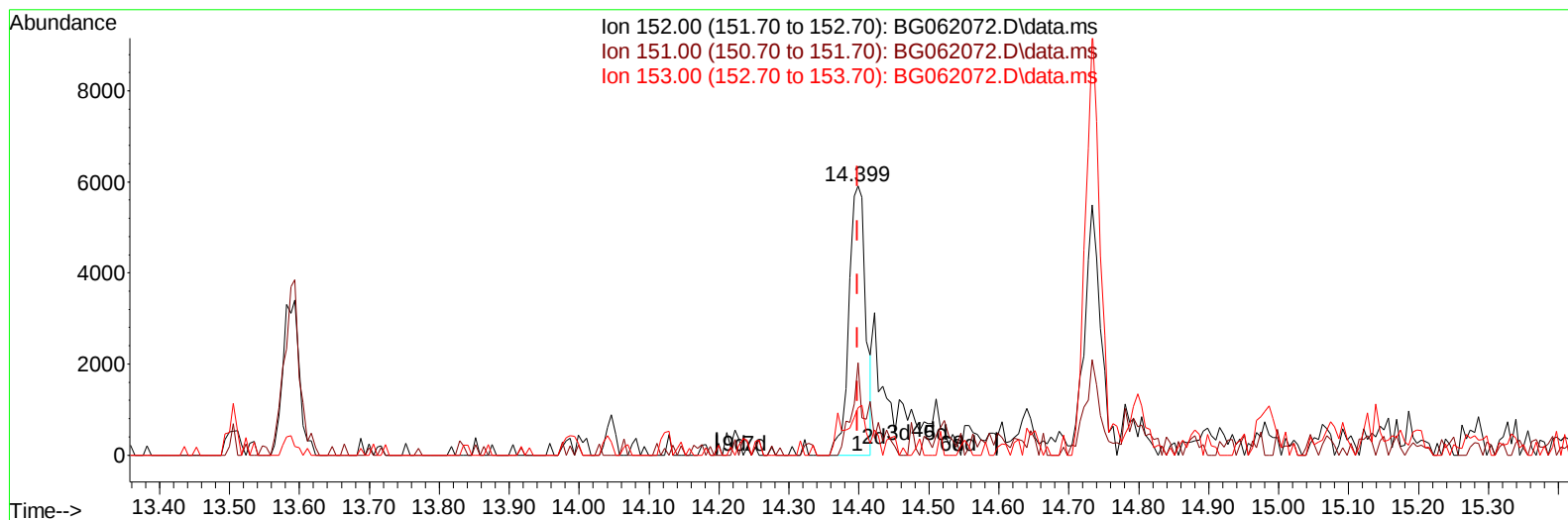
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:27:00 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 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(50) Acenaphthylene

14.399min (+ 0.001) 0.67 ng/u1

response 10039

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.60	34.32#
153.00	14.20	17.47#
0.00	0.00	0.00

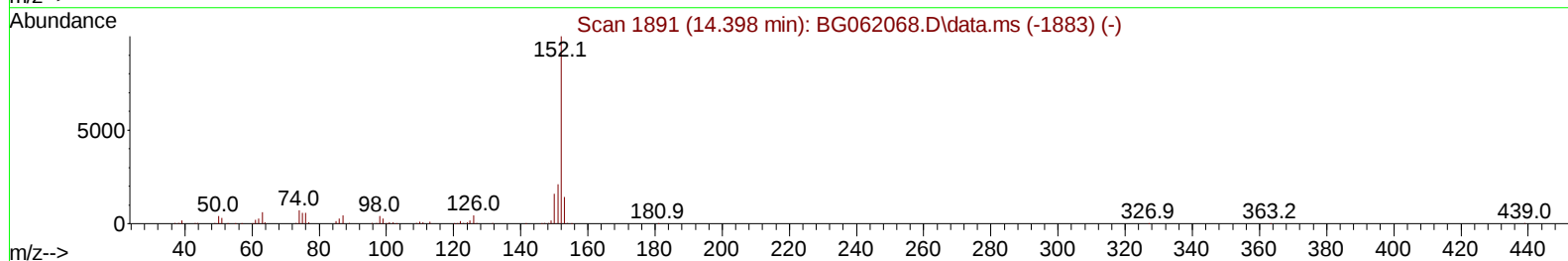
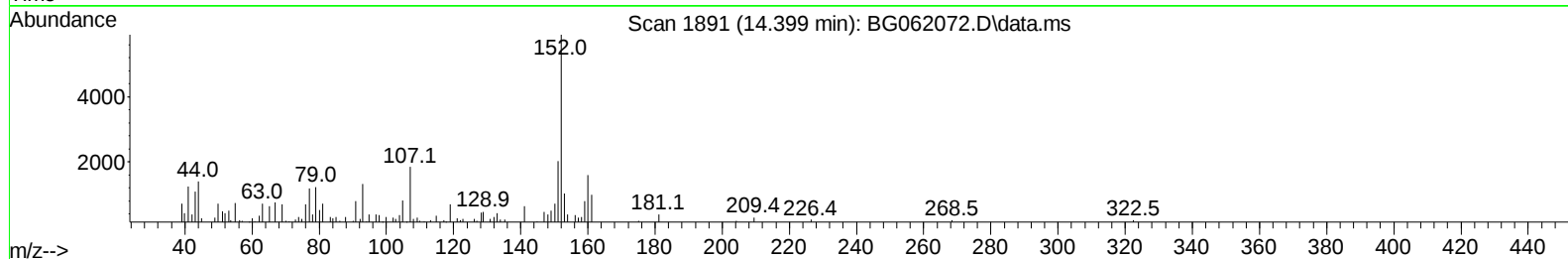
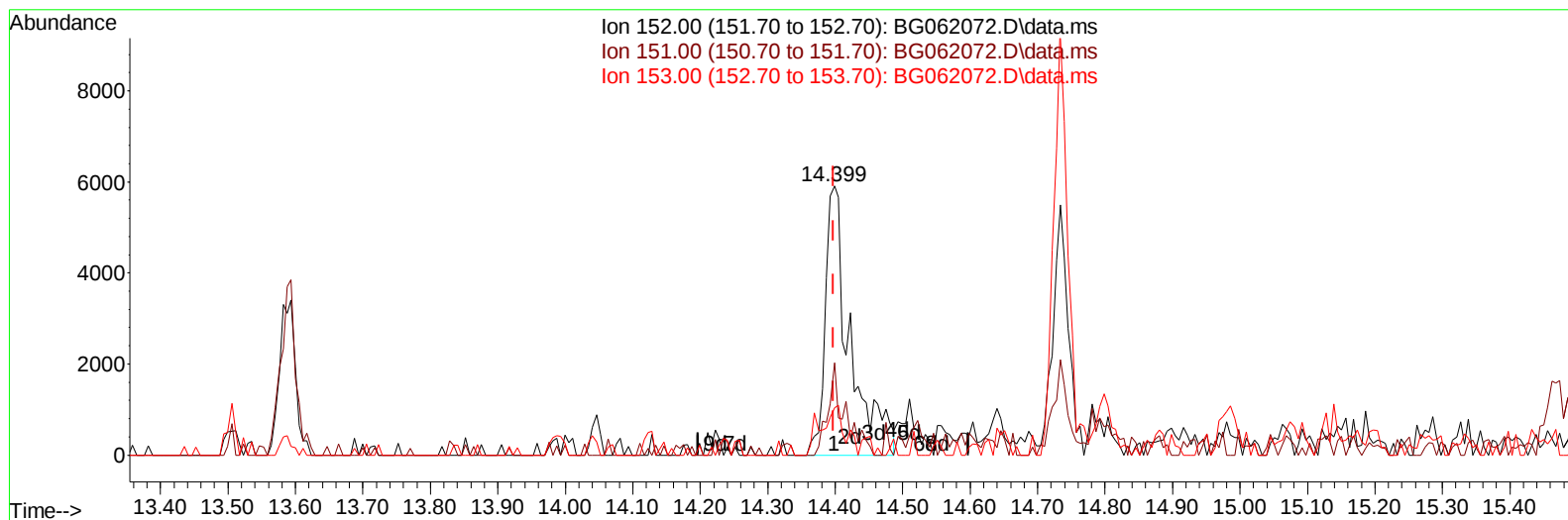
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062072.D
 Acq On : 15 Jul 2024 17:20
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:27:00 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 07/18/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(50) Acenaphthylene

14.399min (+ 0.001) 1.01 ng/ul m

response 15075

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.60	34.32#
153.00	14.20	17.47#
0.00	0.00	0.00

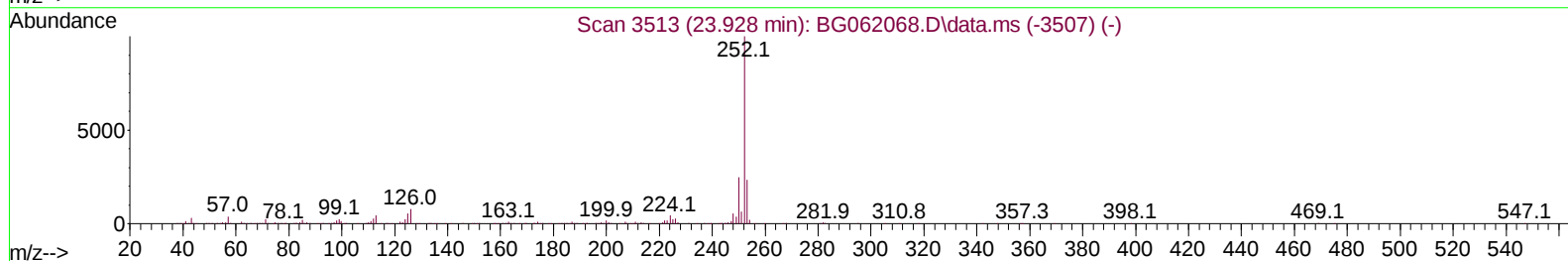
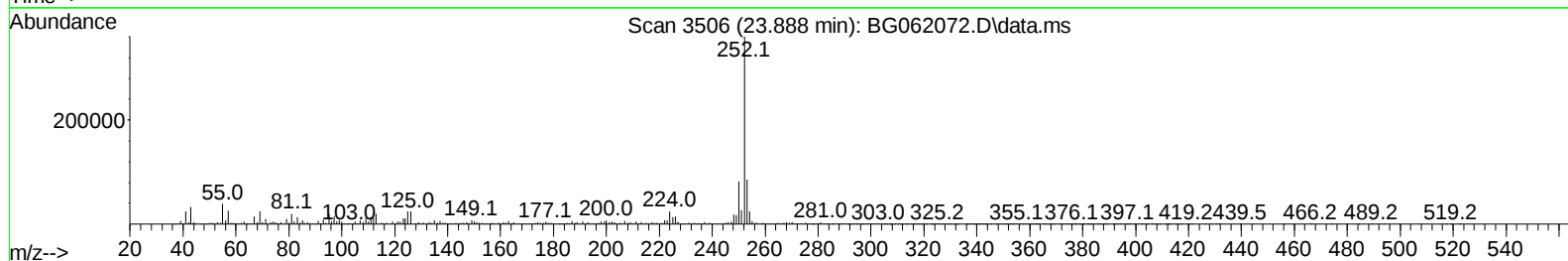
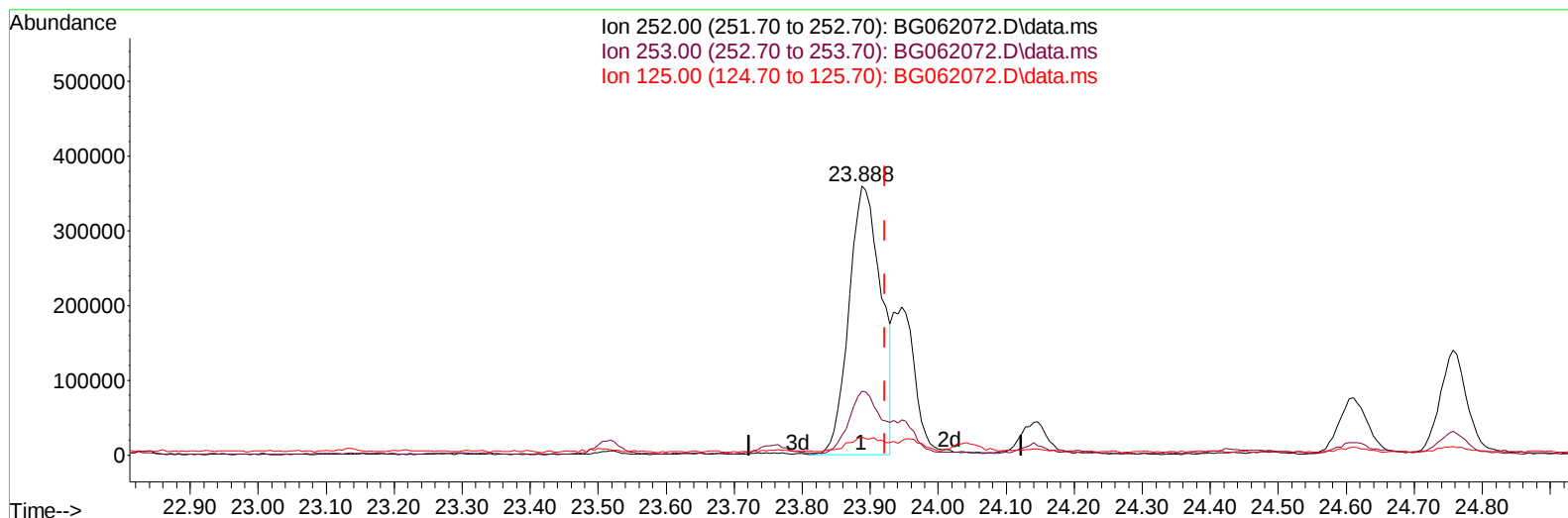
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062072.D
 Acq On : 15 Jul 2024 17:20
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(91) Benzo(k)fluoranthene

23.888min (-0.034) 50.49 ng/u1

response 1177289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.75
125.00	7.90	6.74
0.00	0.00	0.00

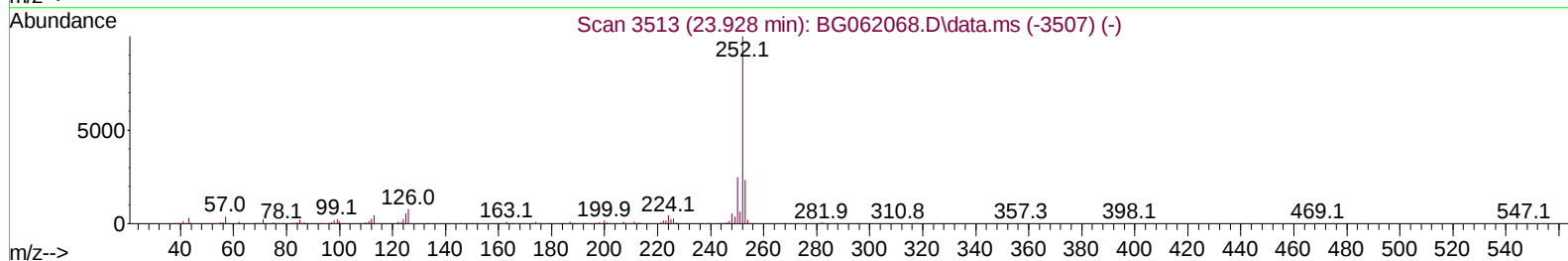
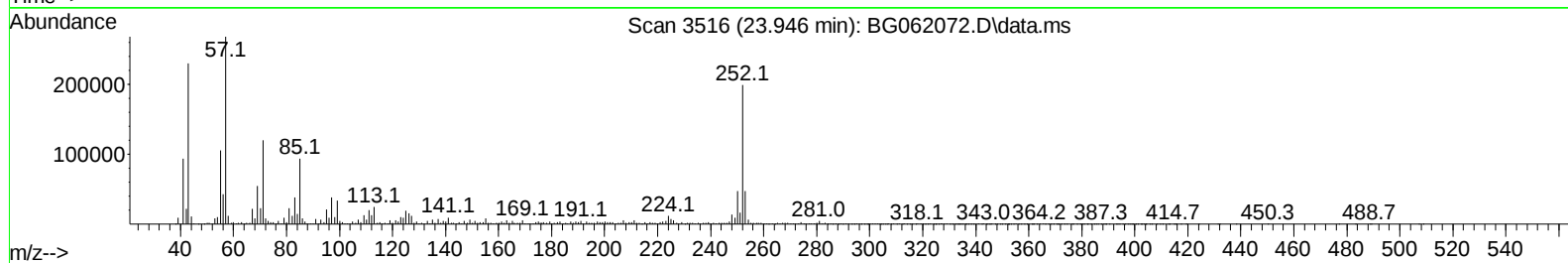
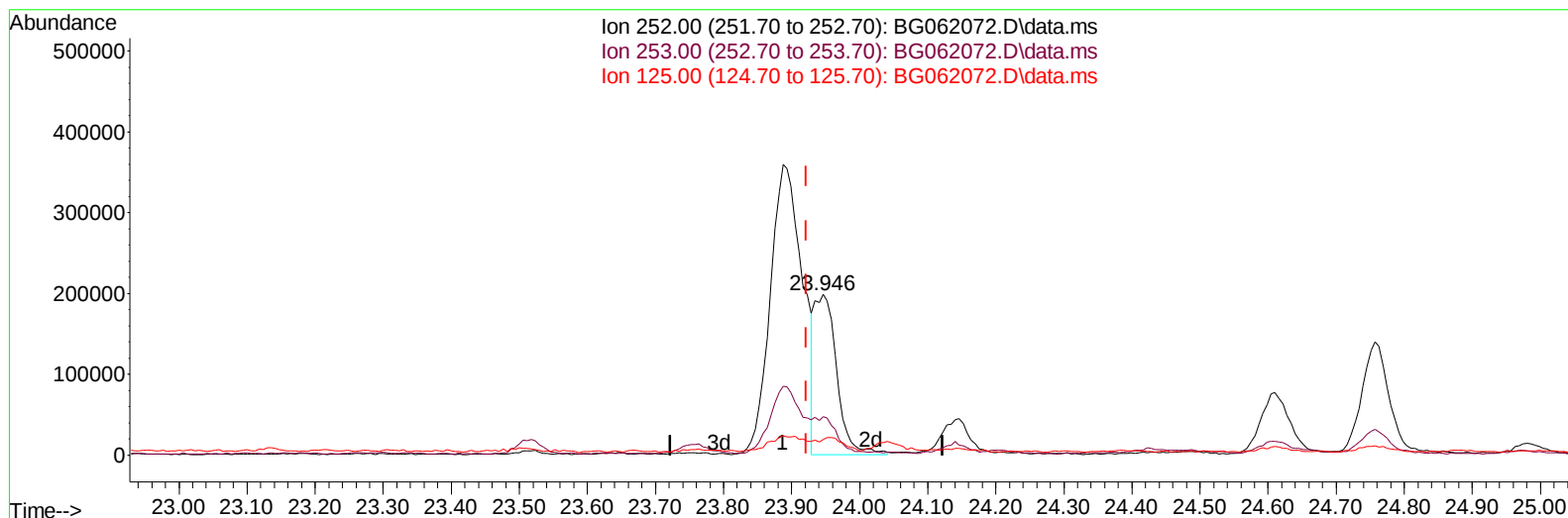
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 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 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(91) Benzo(k)fluoranthene

23.946min (+ 0.024) 19.26 ng/ul m

response 449117

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.88
125.00	7.90	9.69#
0.00	0.00	0.00

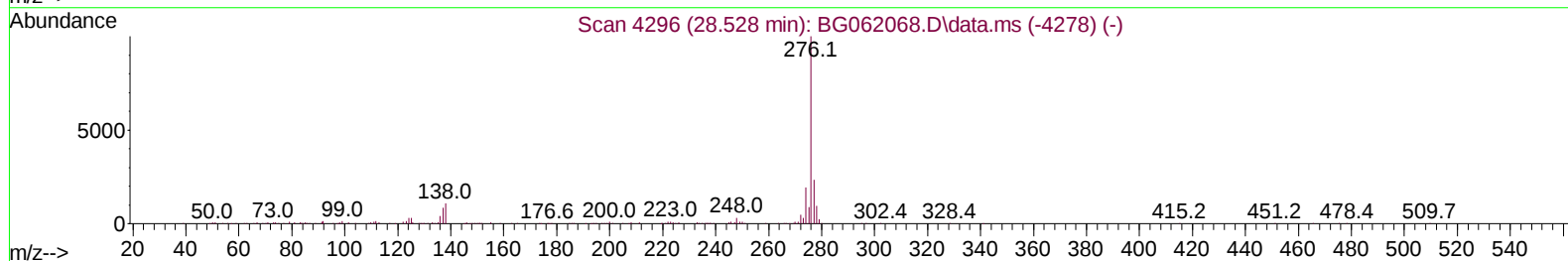
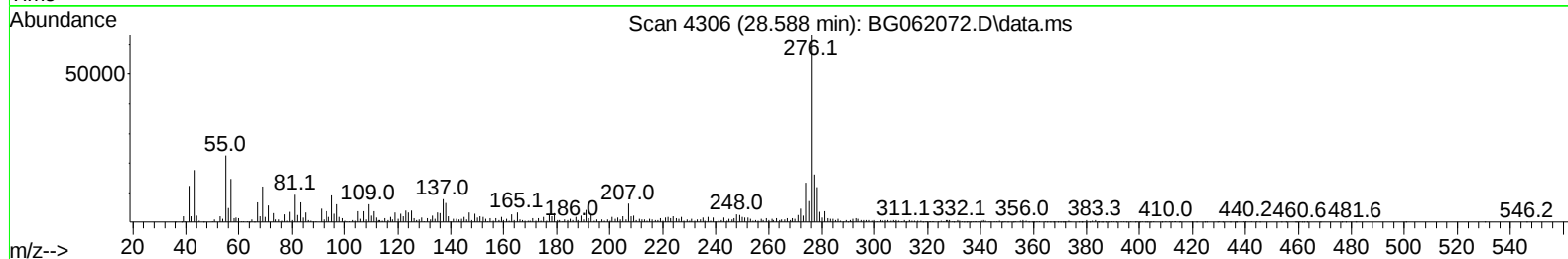
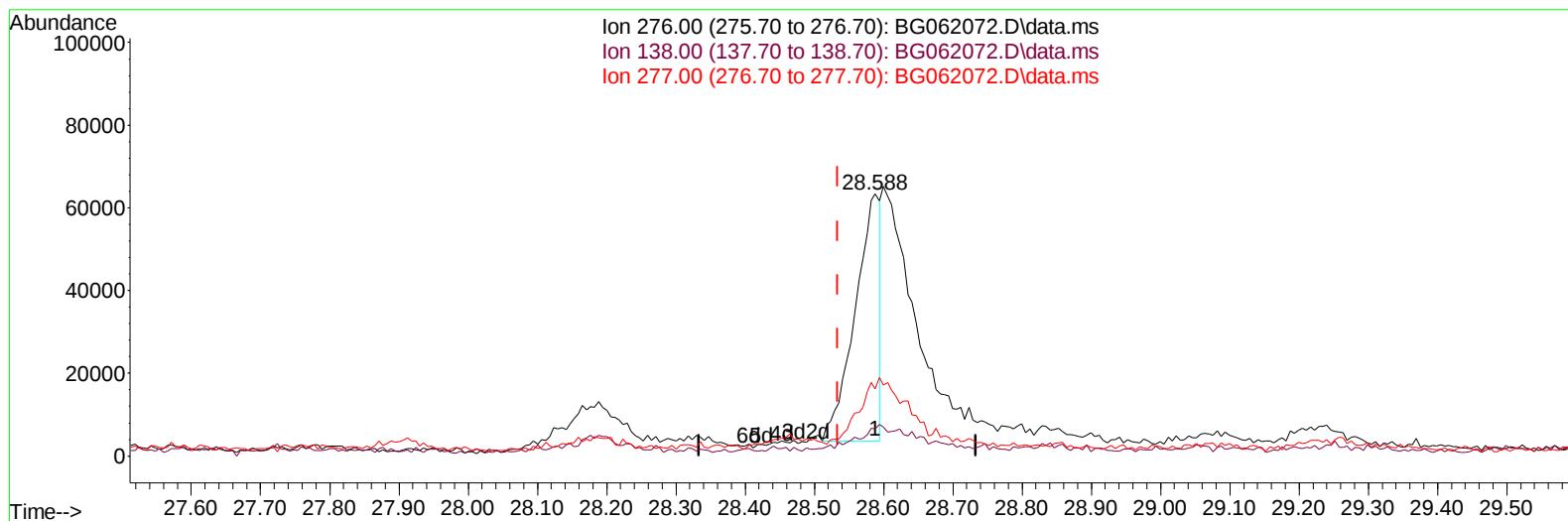
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062072.D
 Acq On : 15 Jul 2024 17:20
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

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

28.588min (+ 0.054) 5.28 ng/u1

response 149358

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.36#
277.00	24.10	25.70
0.00	0.00	0.00

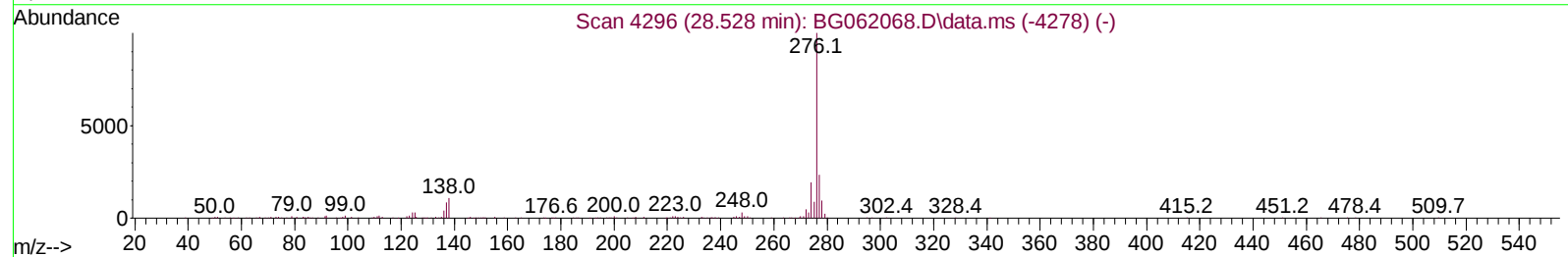
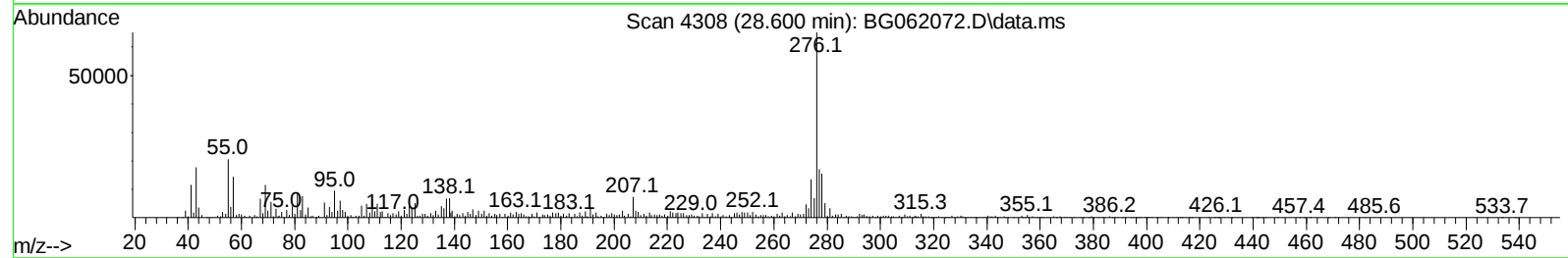
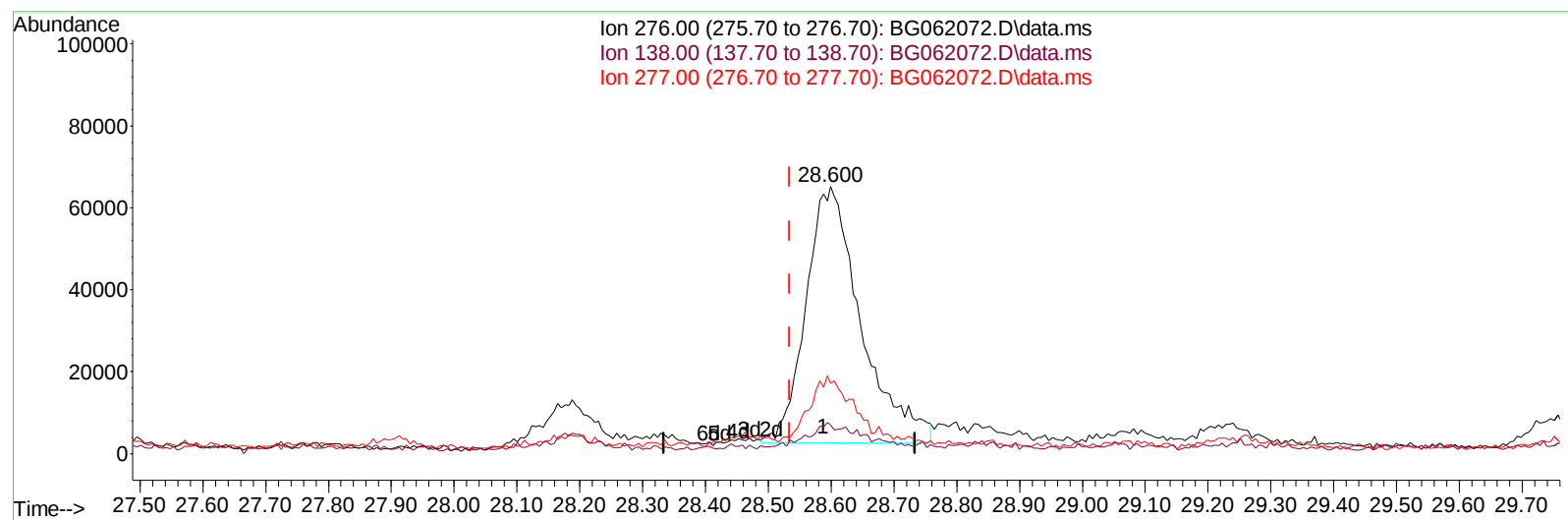
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

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

28.600min (+ 0.065) 13.43 ng/ul m

response 380094

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.73#
277.00	24.10	26.35
0.00	0.00	0.00

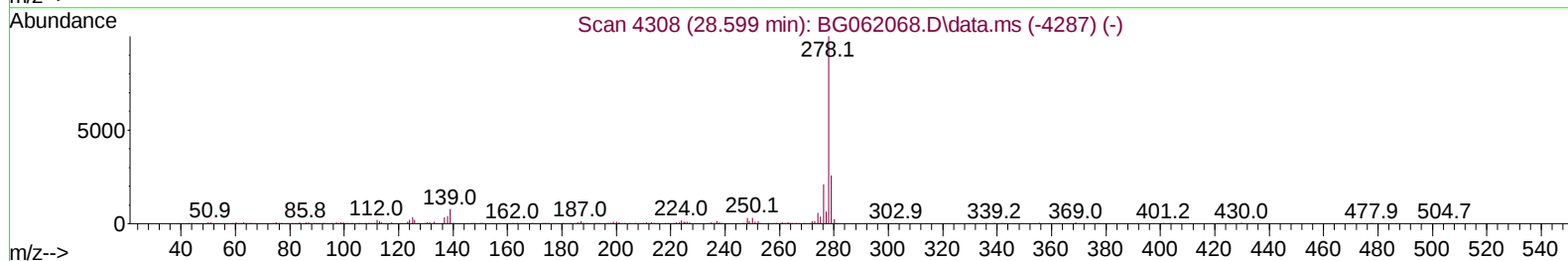
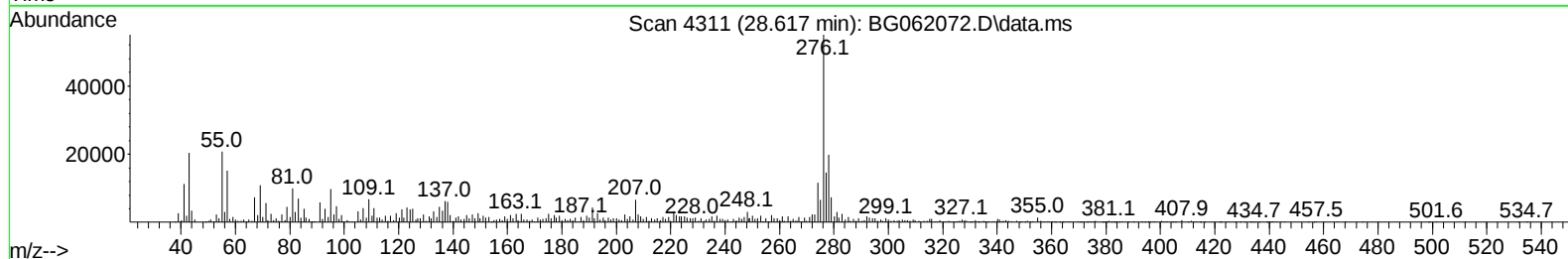
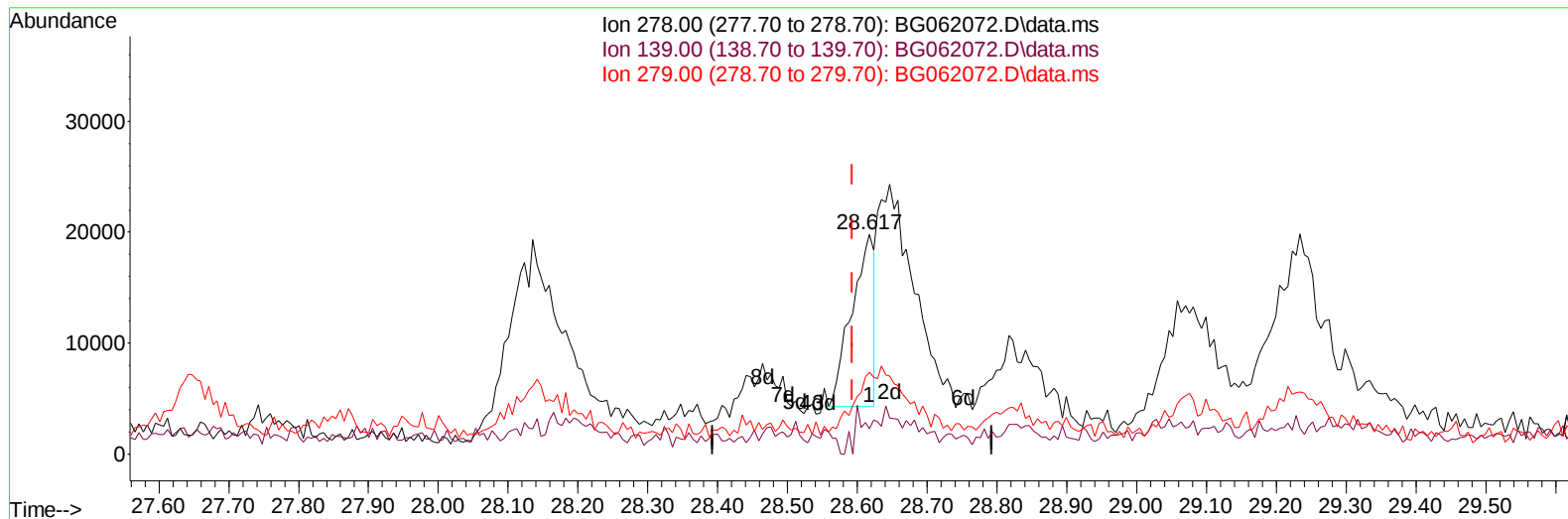
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(95) Dibenzo(a,h)anthracene

28.617min (+ 0.024) 1.47 ng/u1

response 34442

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	11.33
279.00	23.50	37.20#
0.00	0.00	0.00

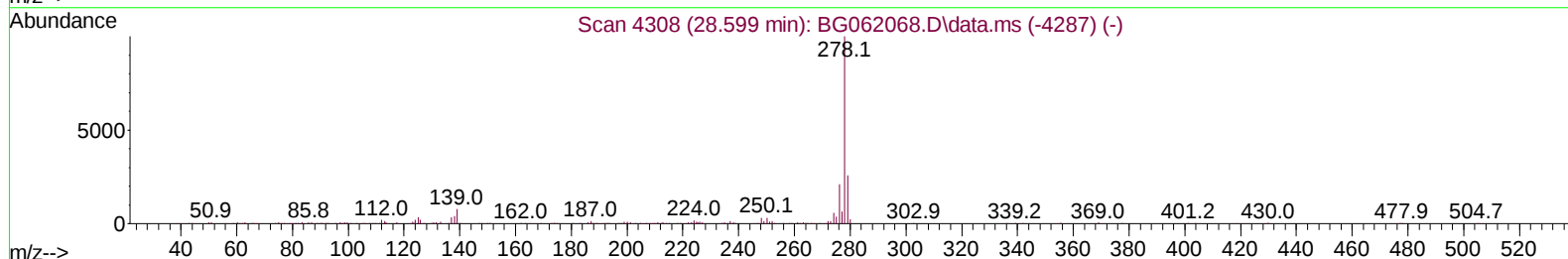
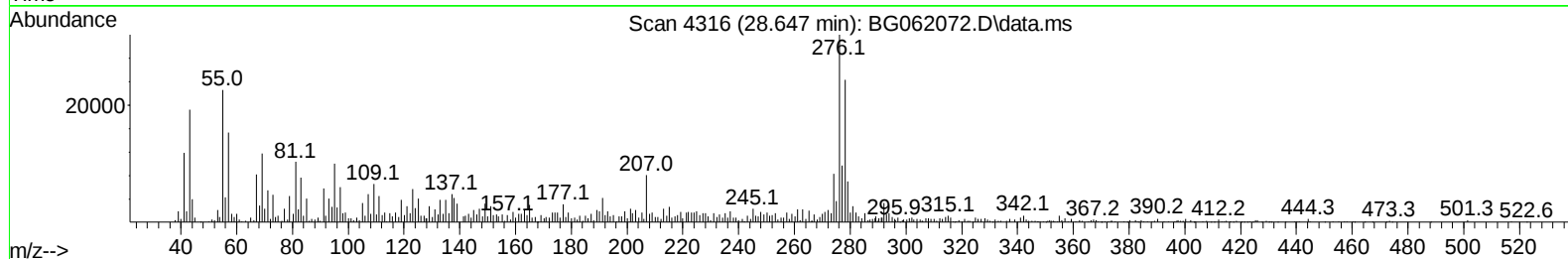
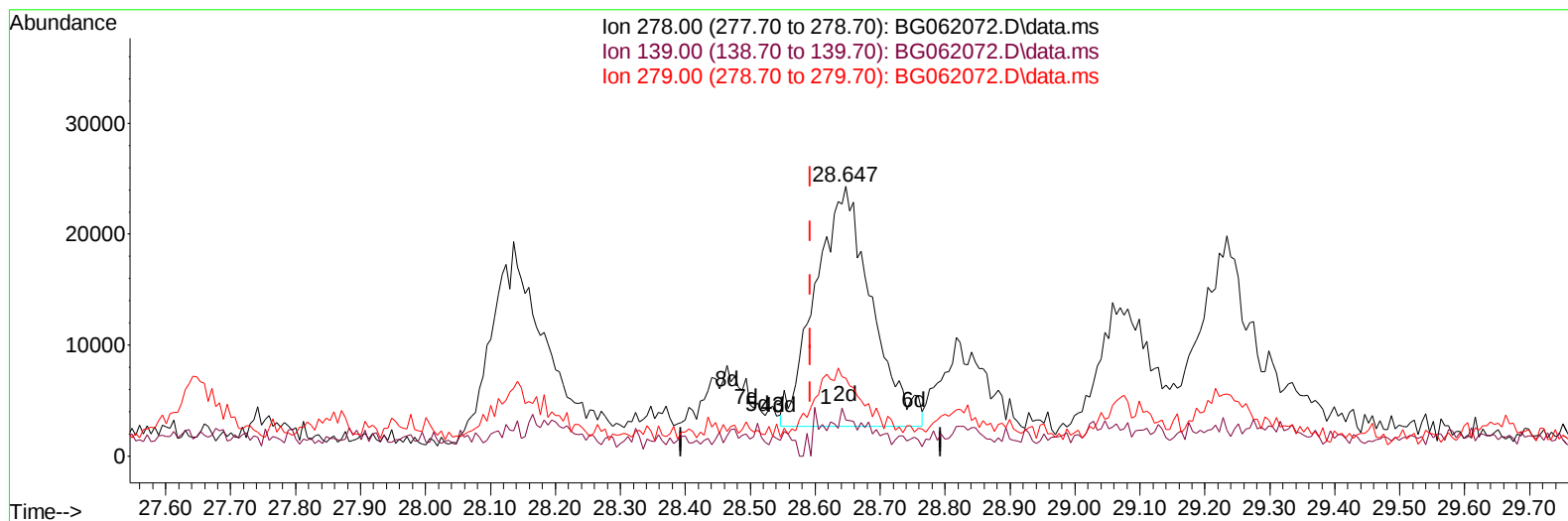
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

(95) Dibenzo(a,h)anthracene

28.647min (+ 0.054) 5.51 ng/ul m

response 128673

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	13.42#
279.00	23.50	28.95#
0.00	0.00	0.00

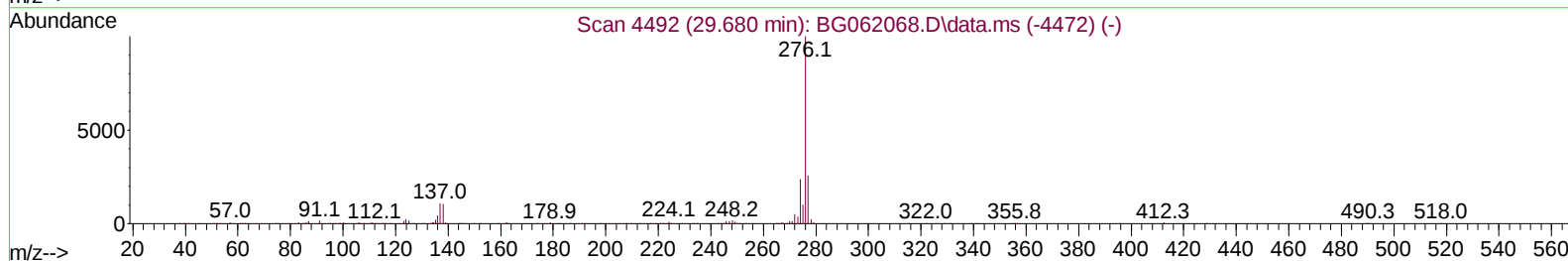
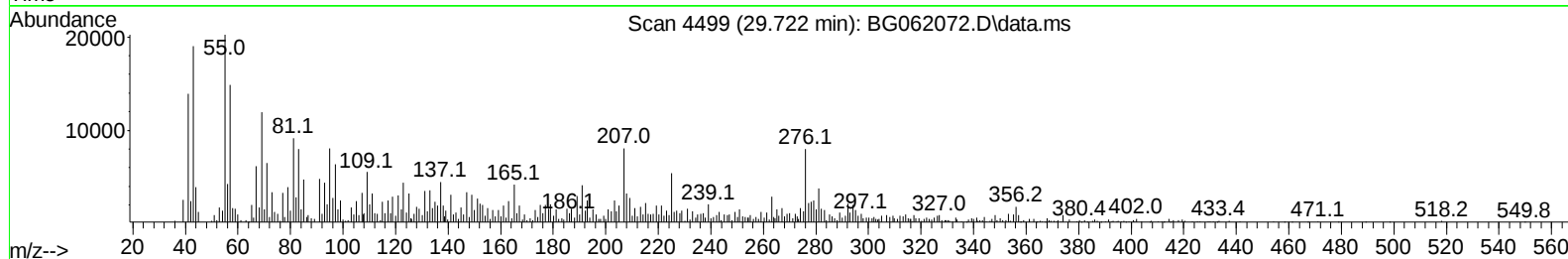
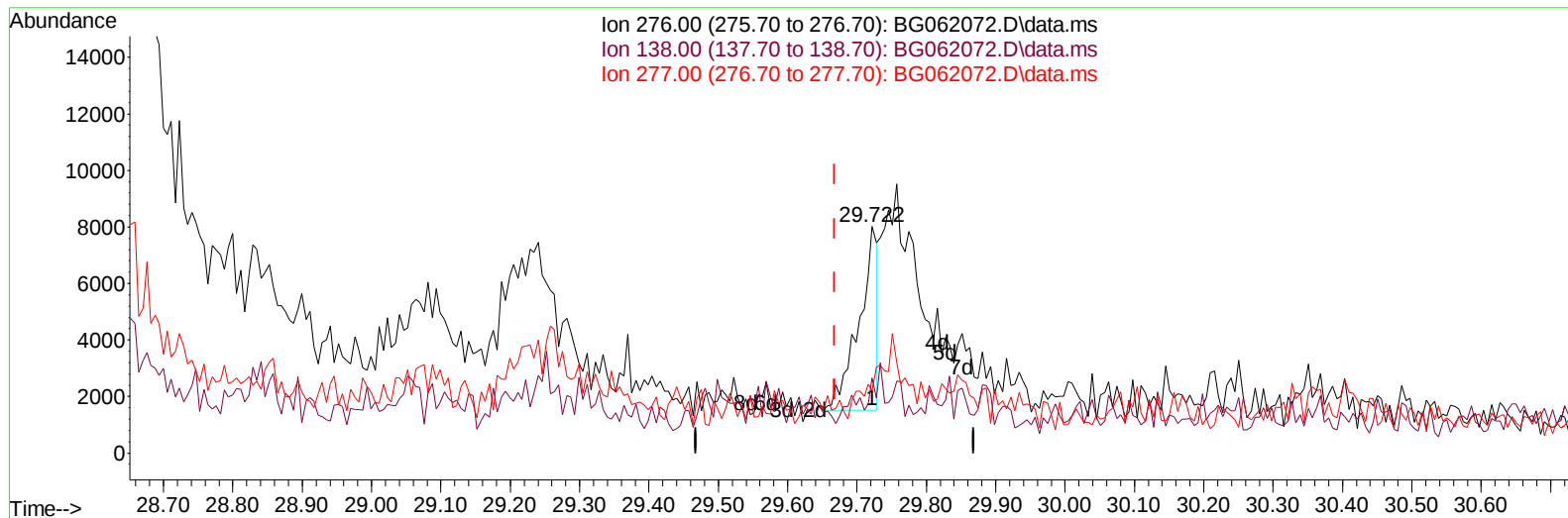
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 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 07/18/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

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

29.722min (+ 0.054) 0.53 ng/u1

response 11877

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	33.07#
277.00	23.50	27.62
0.00	0.00	0.00

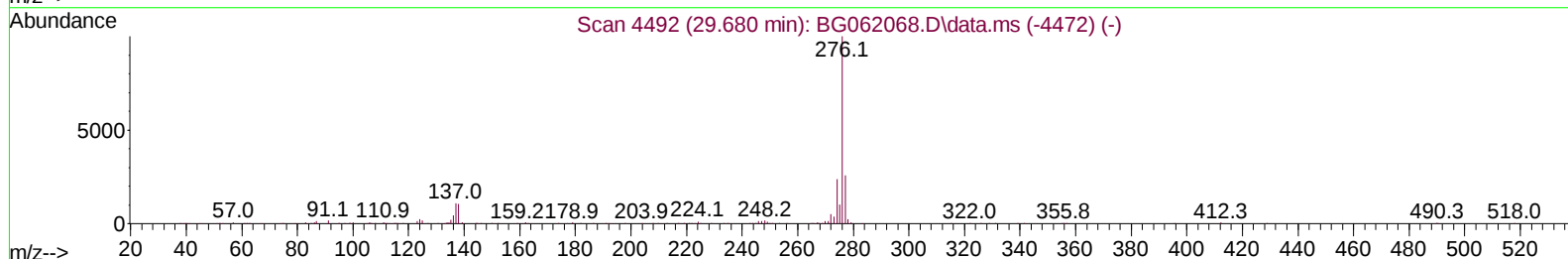
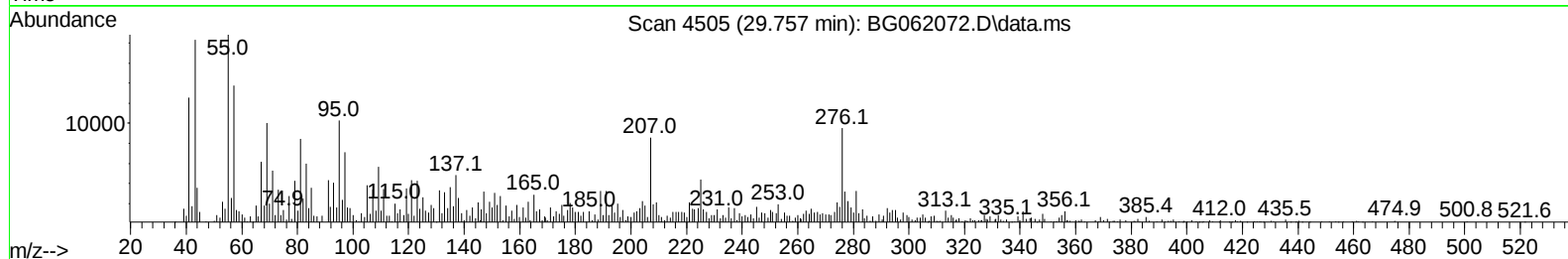
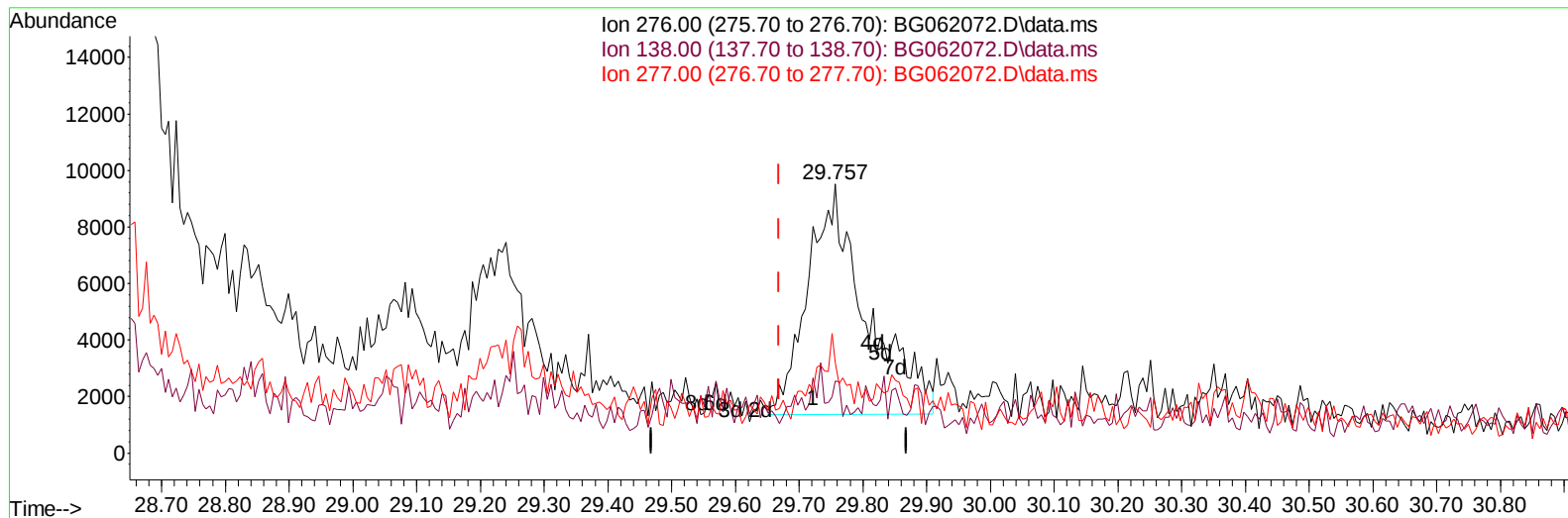
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
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Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 15 18:24:01 2024
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Supervised By :mohammad ahmed 07/20/2024



TIC: BG062072.D\data.ms

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

29.757min (+ 0.089) 2.28 ng/u1 m

response 51356

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	26.86#
277.00	23.50	33.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062072.D
 Acq On : 15 Jul 2024 17:20
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:16:40 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	50241	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	242685	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.669	164	158309	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	336112	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	304754	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	371116	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	4296	3.213	ng/uL	0.00
4) Pyridine-d5	3.870	84	3391	0.825	ng/ul	0.01
7) Phenol-d5	7.207	99	121288	22.060	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.360	67	72225	20.743	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	91057	24.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	90816	20.978	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	44205	23.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	58124	27.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	105574	25.968	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0.000	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	328941	25.274	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	362126	26.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	41896	20.157	ng/ul	0.01
60) Fluorene-d10	15.662	176	287369	26.228	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	43763	24.792	ng/ul	0.00
73) Anthracene-d10	17.513	188	425190	27.095	ng/ul	0.00
81) Pyrene-d10	19.798	212	420684	23.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.687	264	332112	18.044	ng/ul	0.02
Target Compounds						
					Qvalue	
18) 4-Methylphenol	8.817	108	33483	7.442	ng/ul	98
50) Acenaphthylene	14.399	152	15075m	1.009	ng/ul	
52) Acenaphthene	14.734	153	13326	1.292	ng/ul#	90
61) Fluorene	15.715	166	17879	1.442	ng/ul#	95
72) Phenanthrene	17.460	178	463276	26.141	ng/ul	97
74) Anthracene	17.548	178	65230	3.562	ng/ul	97
77) Carbazole	17.818	167	52591	3.412	ng/ul#	93
78) Di-n-butylphthalate	18.365	149	20004	1.011	ng/ul#	85
80) Fluoranthene	19.469	202	1342358	63.278	ng/ul#	94
82) Pyrene	19.833	202	958077	43.722	ng/ul#	91
83) Butylbenzylphthalate	20.703	149	29227	3.178	ng/ul#	75
85) Benzo(a)anthracene	21.661	228	593291	26.888	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.555	149	176232	13.354	ng/ul#	99
87) Chrysene	21.731	228	759138	36.751	ng/ul	96
90) Benzo(b)fluoranthene	23.888	252	1177289	50.351	ng/ul	96
91) Benzo(k)fluoranthene	23.946	252	449117m	19.262	ng/ul	
93) Benzo(a)pyrene	24.757	252	376767	17.017	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.600	276	380094m	13.434	ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	128673m	5.506	ng/ul	
96) Benzo(g,h,i)perylene	29.757	276	51356m	2.282	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

A4D52

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/20/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062072.D
Acq On : 15 Jul 2024 17:20
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

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