

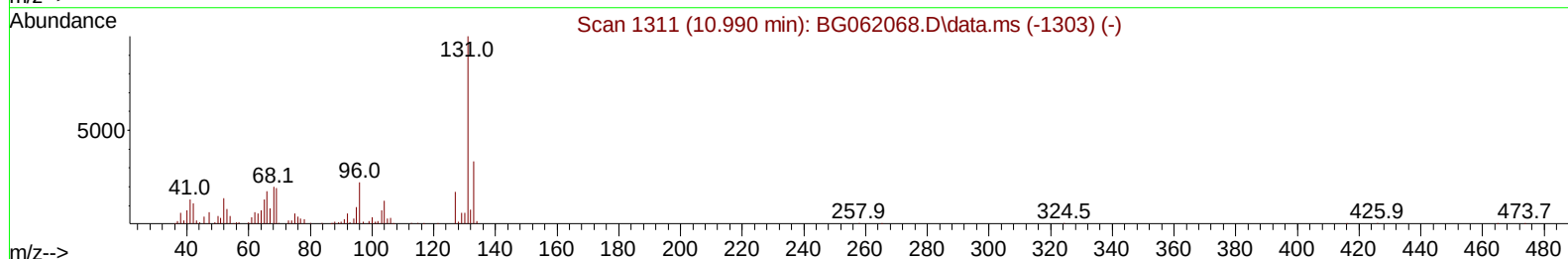
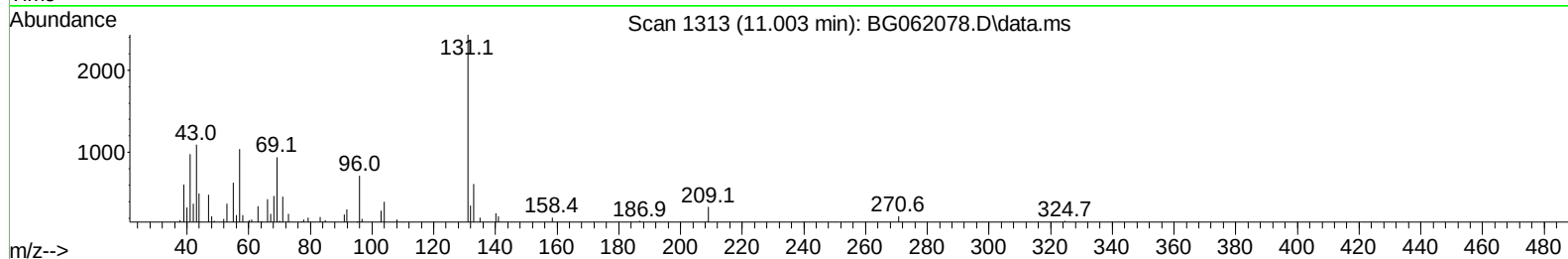
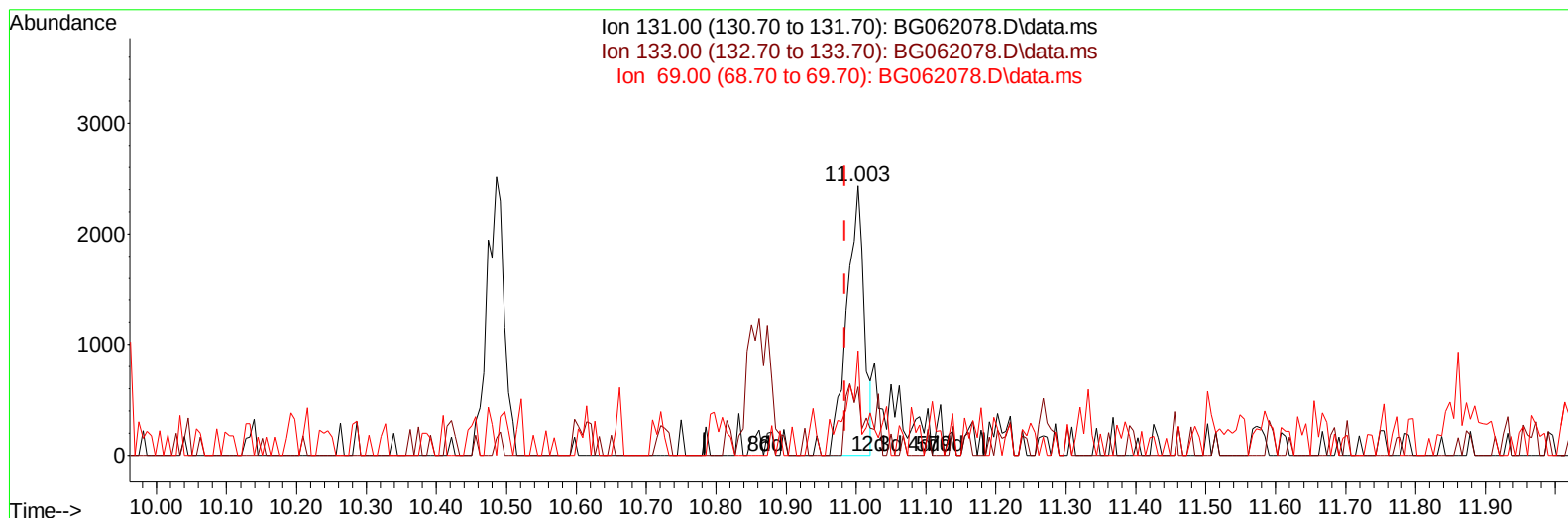
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 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: BG062078.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.003min (+ 0.019) 0.77 ng/u1

response 4243

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	25.41#
69.00	21.00	38.77#
0.00	0.00	0.00

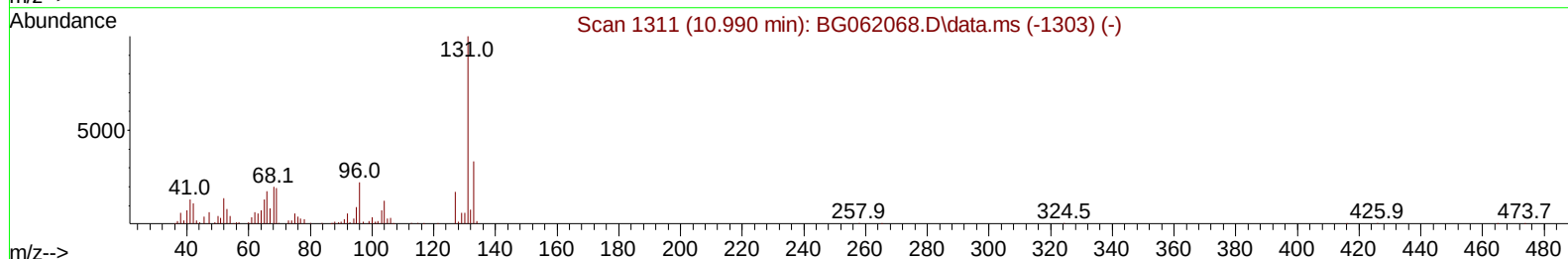
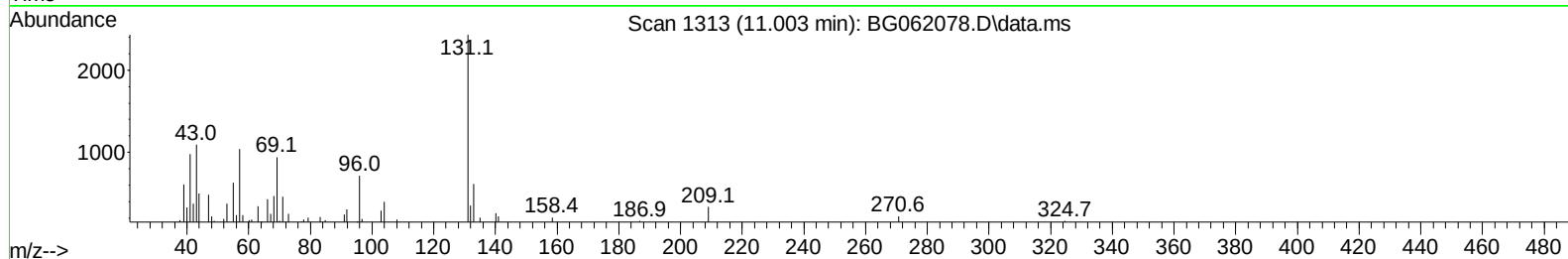
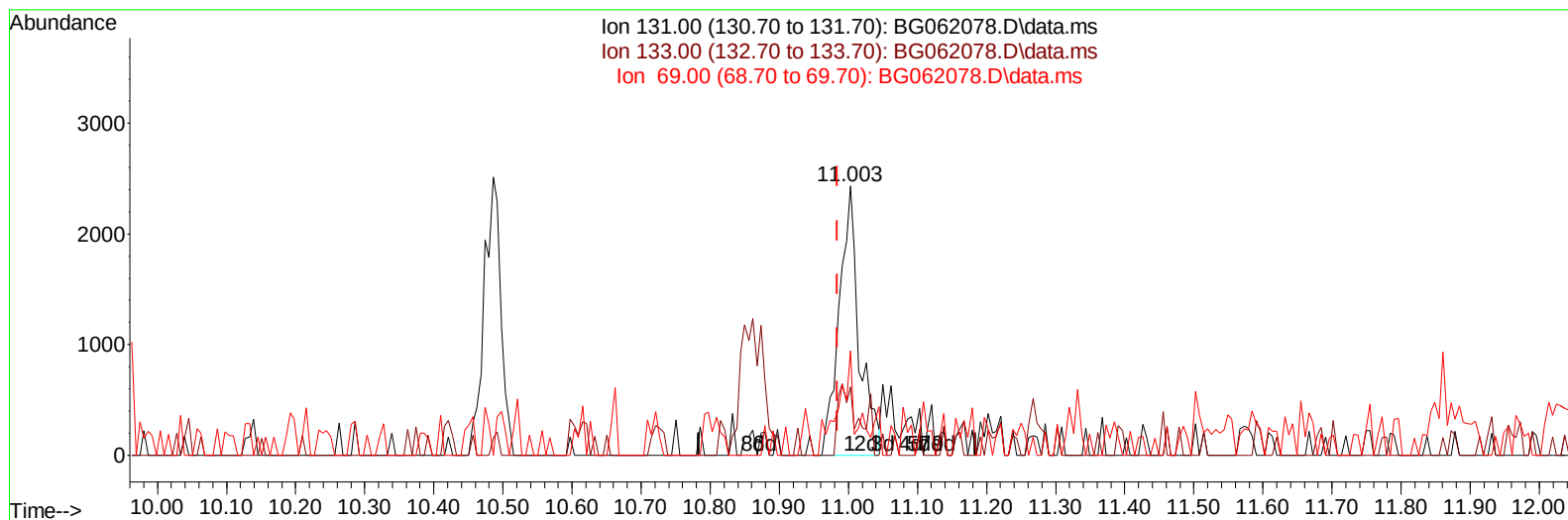
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
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Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/16/2024
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TIC: BG062078.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.003min (+ 0.019) 0.89 ng/ul m

response 4913

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	25.41#
69.00	21.00	38.77#
0.00	0.00	0.00

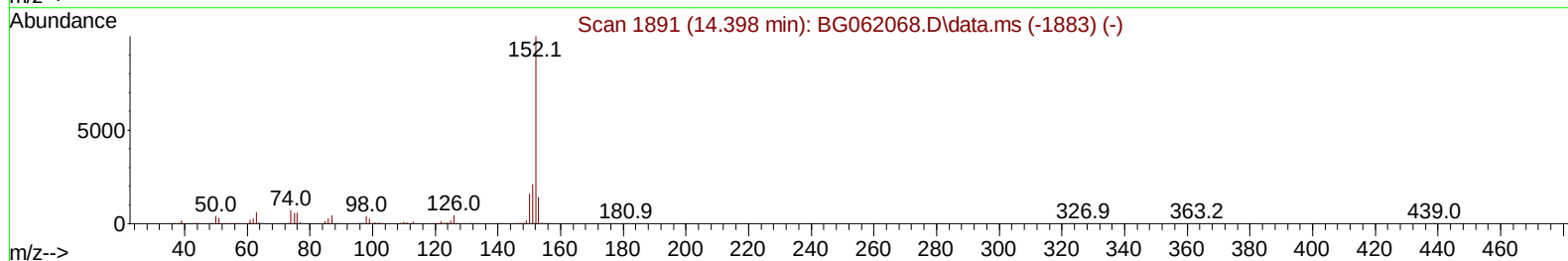
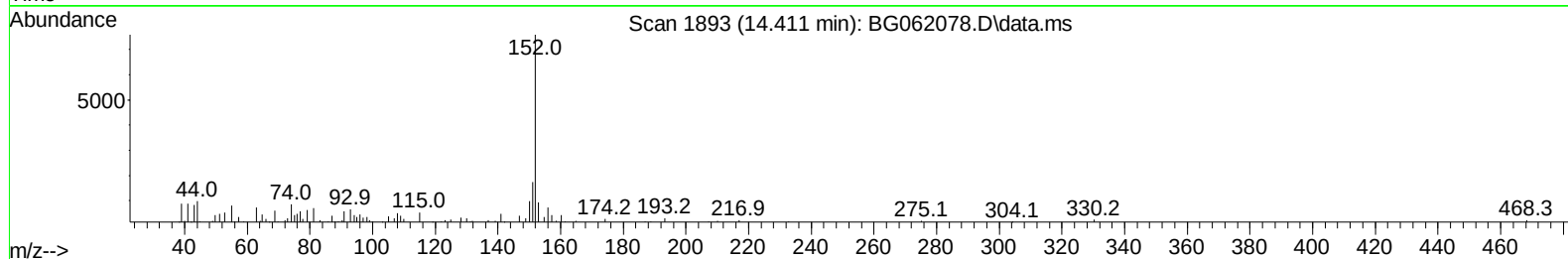
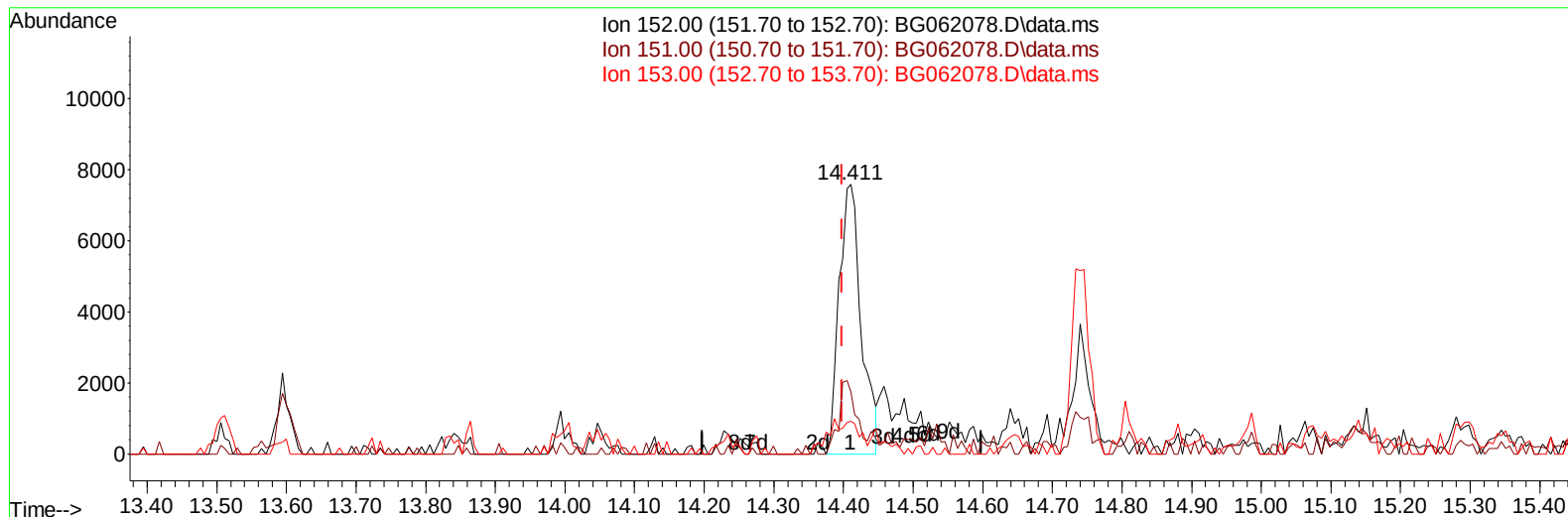
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 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
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TIC: BG062078.D\data.ms

(50) Acenaphthylene

14.411min (+ 0.013) 1.18 ng/u1

response 16730

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.60	23.09
153.00	14.20	12.23
0.00	0.00	0.00

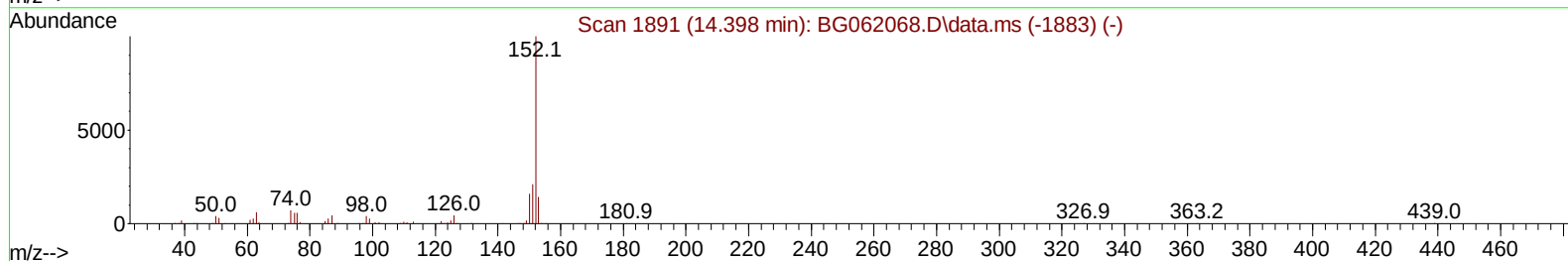
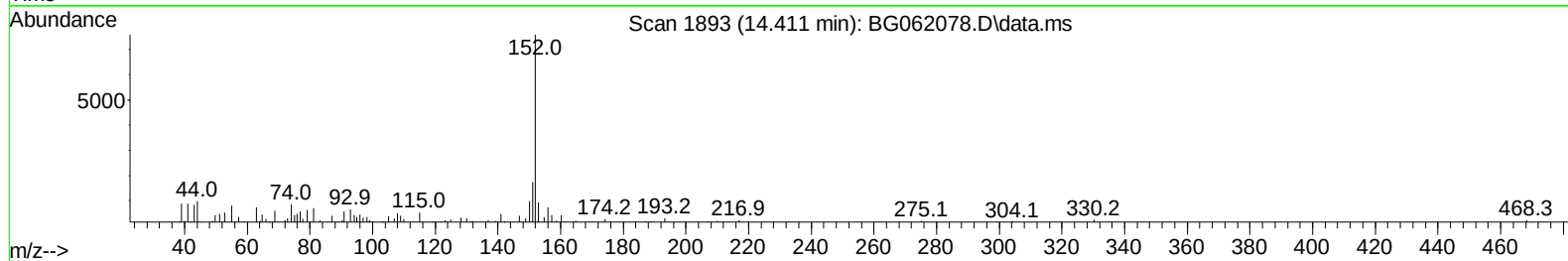
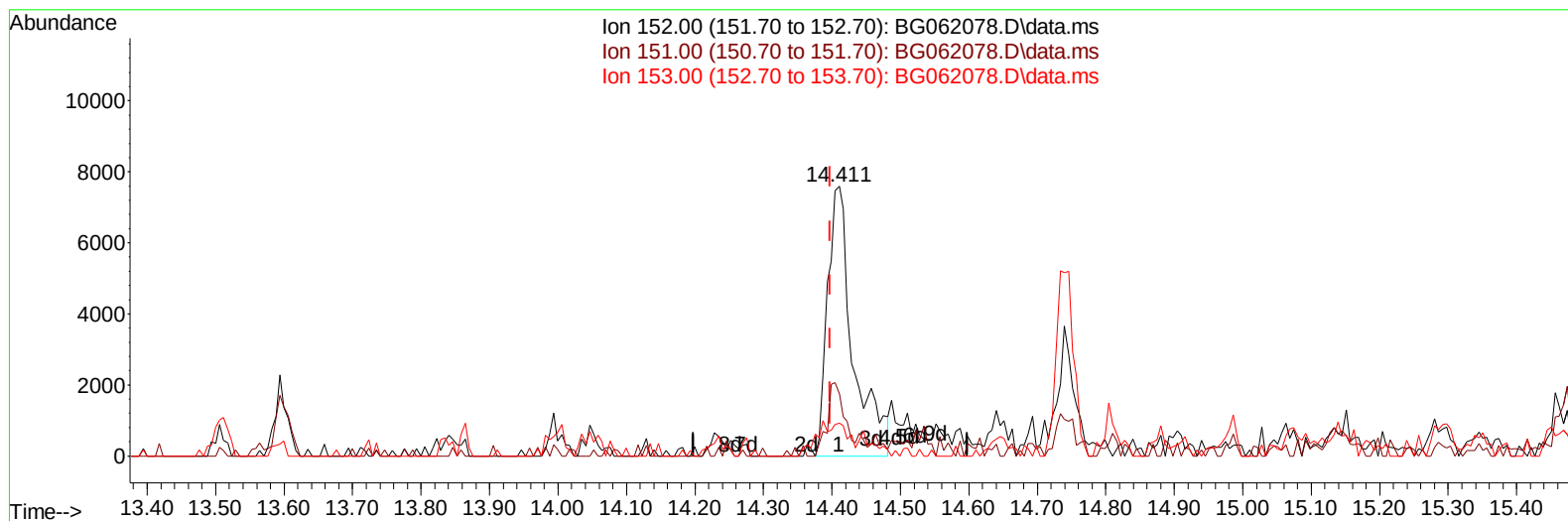
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062078.D\data.ms

(50) Acenaphthylene

14.411min (+ 0.013) 1.39 ng/ul m

response 19622

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.60	23.09
153.00	14.20	12.23
0.00	0.00	0.00

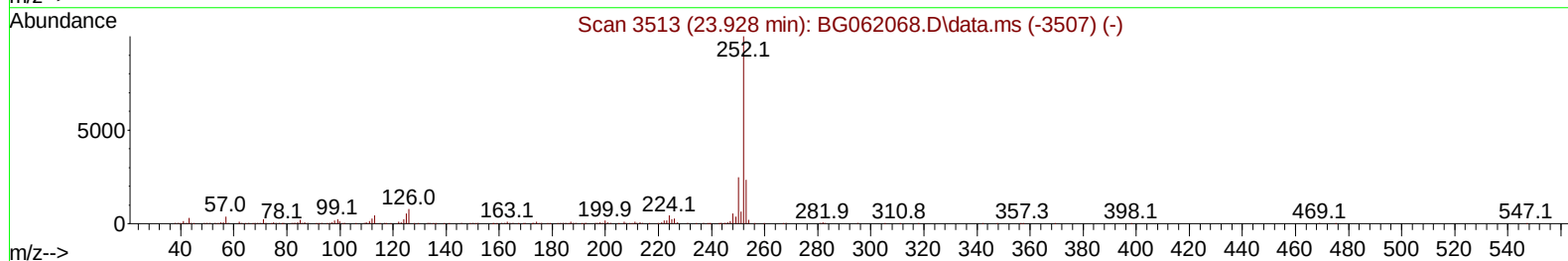
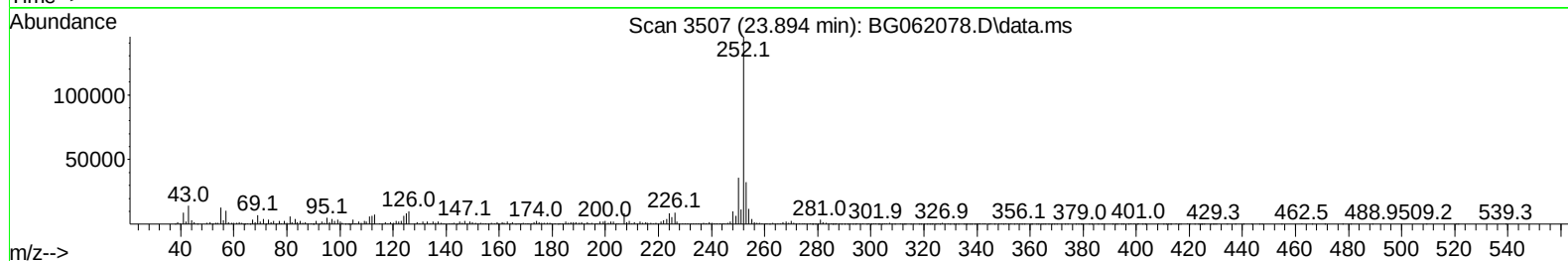
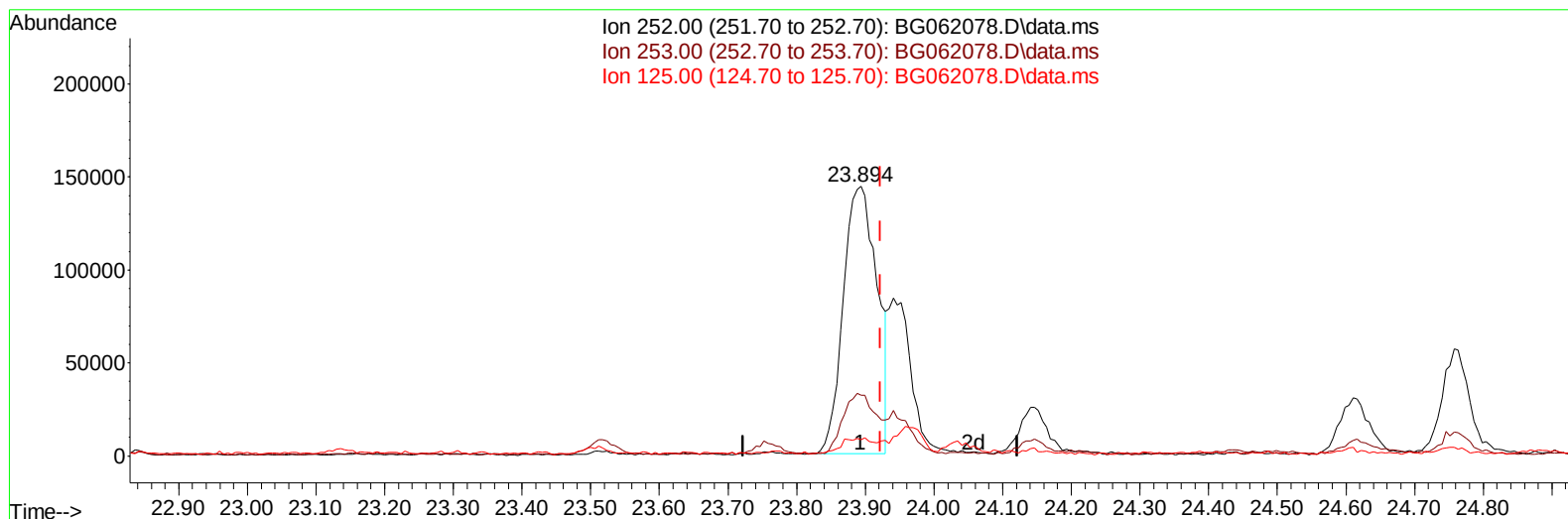
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

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Quant Time: Jul 15 23:28:08 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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TIC: BG062078.D\data.ms

(91) Benzo(k)fluoranthene

23.894min (-0.028) 21.91 ng/u1

response 492463

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.42
125.00	7.90	6.03#
0.00	0.00	0.00

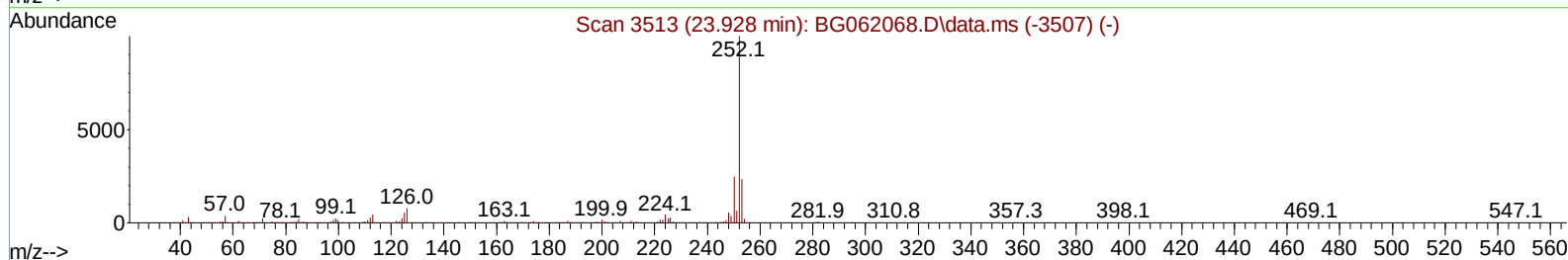
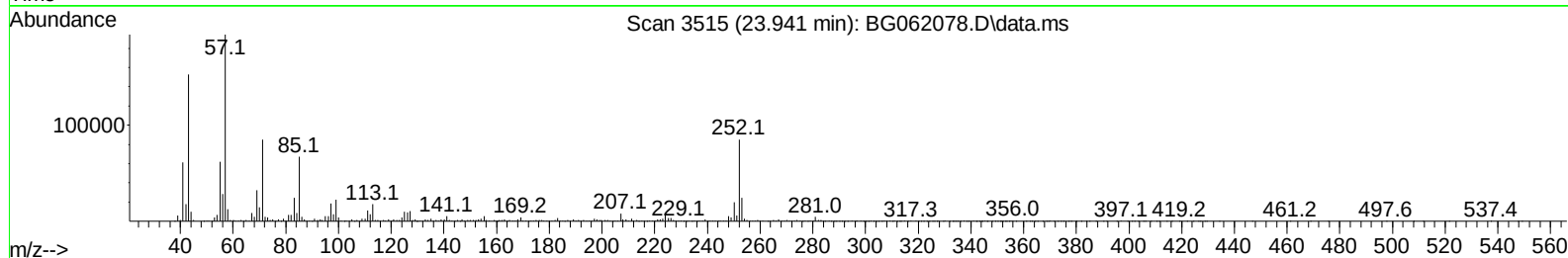
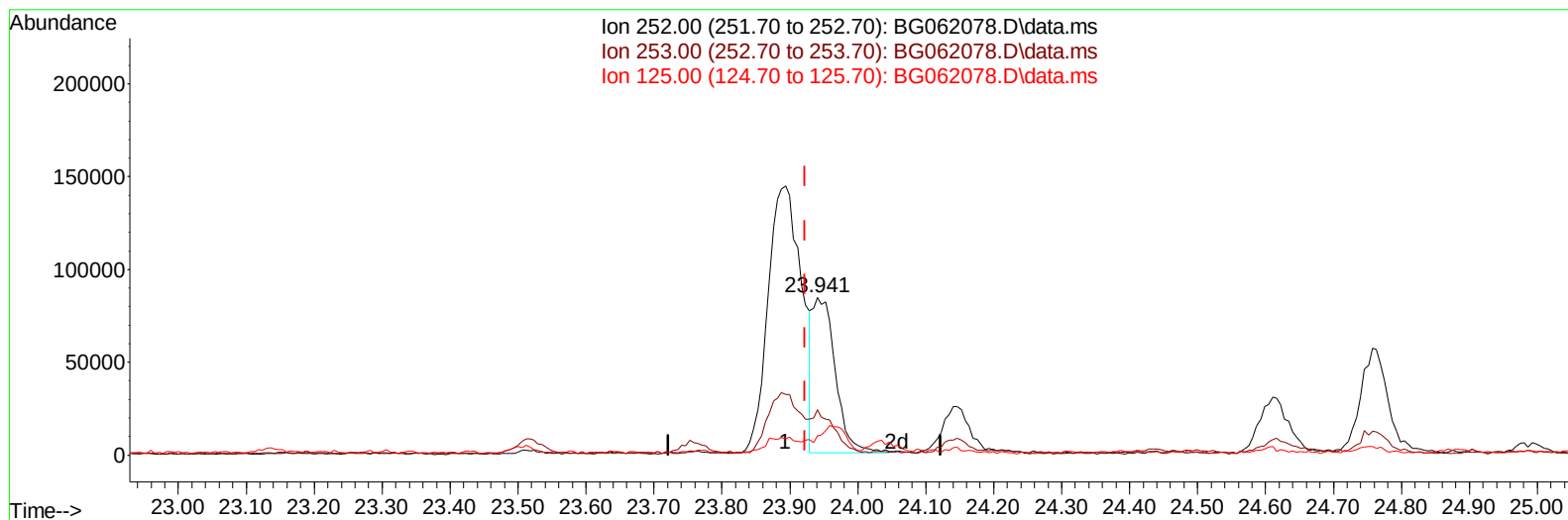
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 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: BG062078.D\data.ms

(91) Benzo(k)fluoranthene

23.941min (+ 0.019) 8.57 ng/ul m

response 192619

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	28.67
125.00	7.90	12.15#
0.00	0.00	0.00

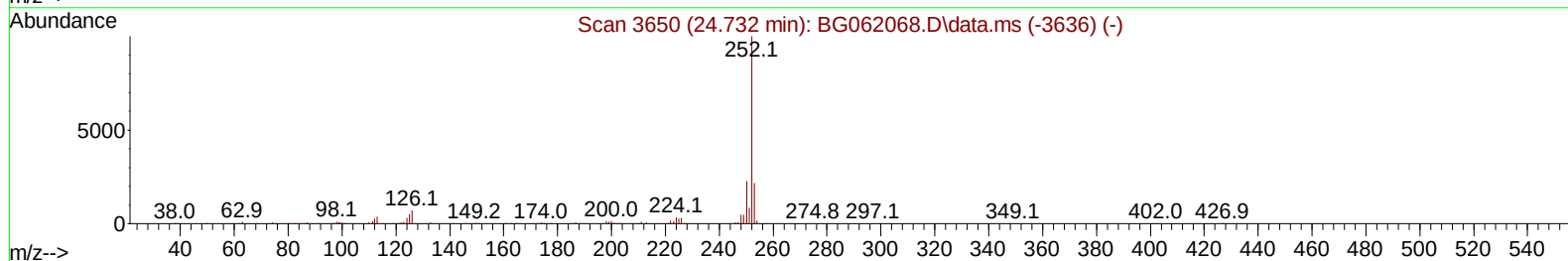
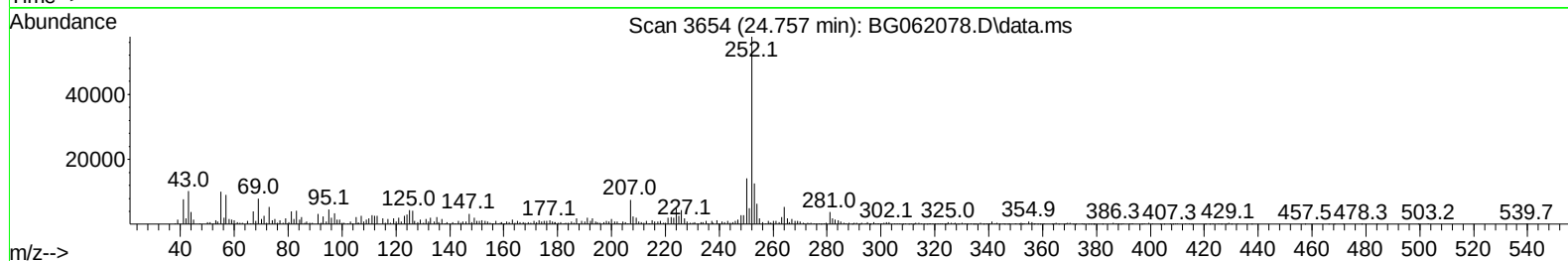
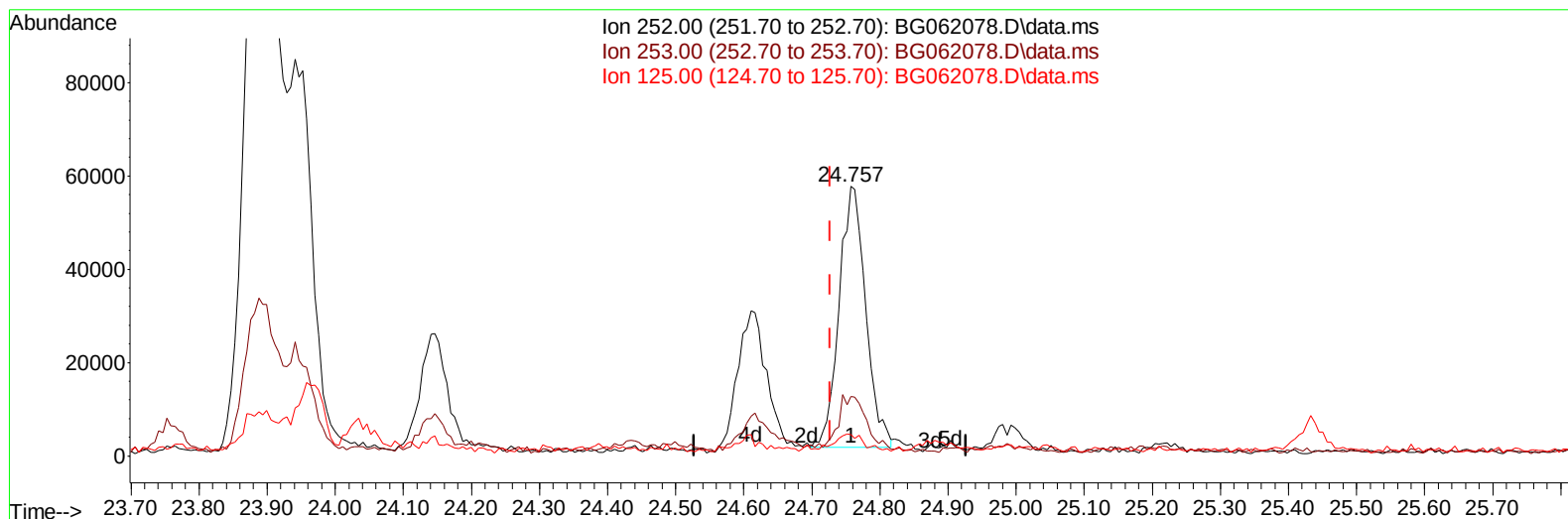
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 2024
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Reviewed By :Yogesh Patel 07/16/2024
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TIC: BG062078.D\data.ms

(93) Benzo(a)pyrene (C)

24.757min (+ 0.030) 7.10 ng/u1

response 151414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.05
125.00	9.30	7.85
0.00	0.00	0.00

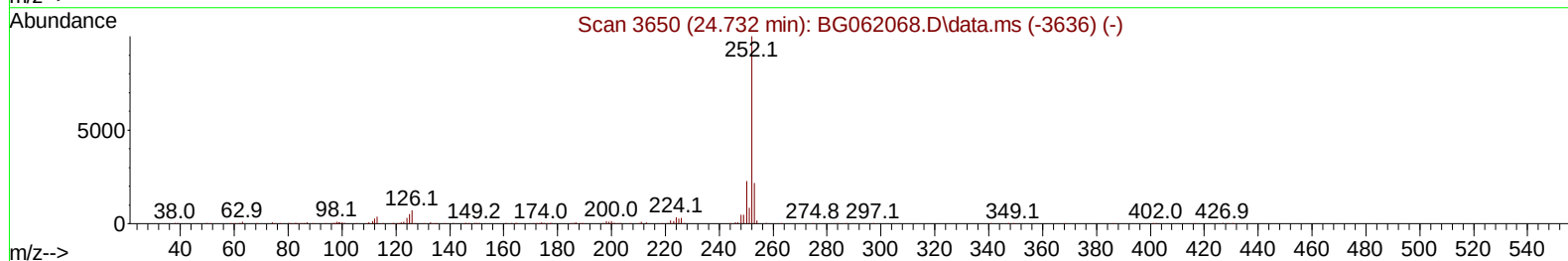
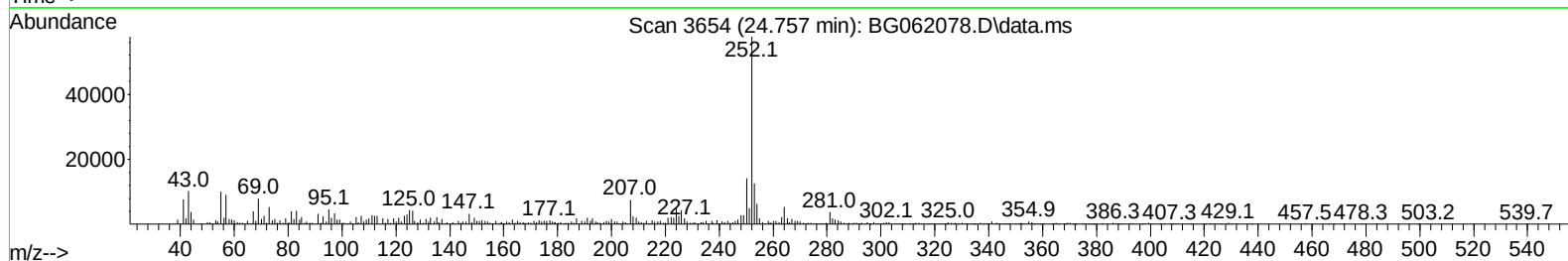
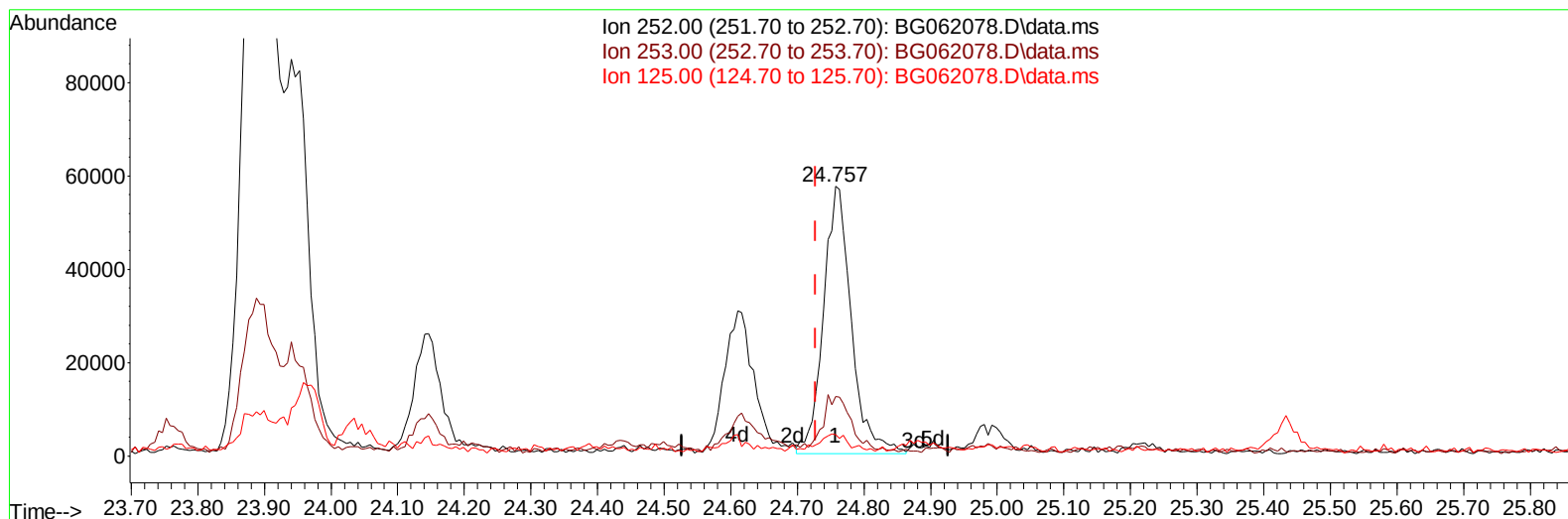
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 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: BG062078.D\data.ms

(93) Benzo(a)pyrene (C)

24.757min (+ 0.030) 7.80 ng/ul m

response 166408

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.05
125.00	9.30	7.85
0.00	0.00	0.00

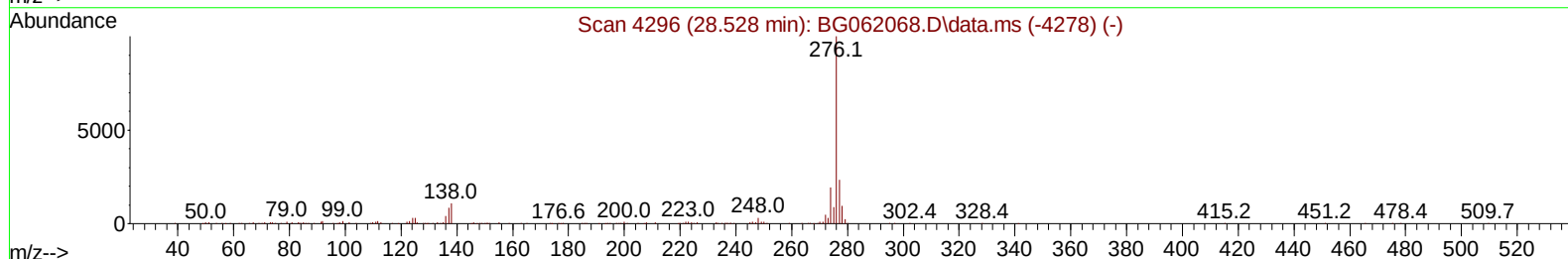
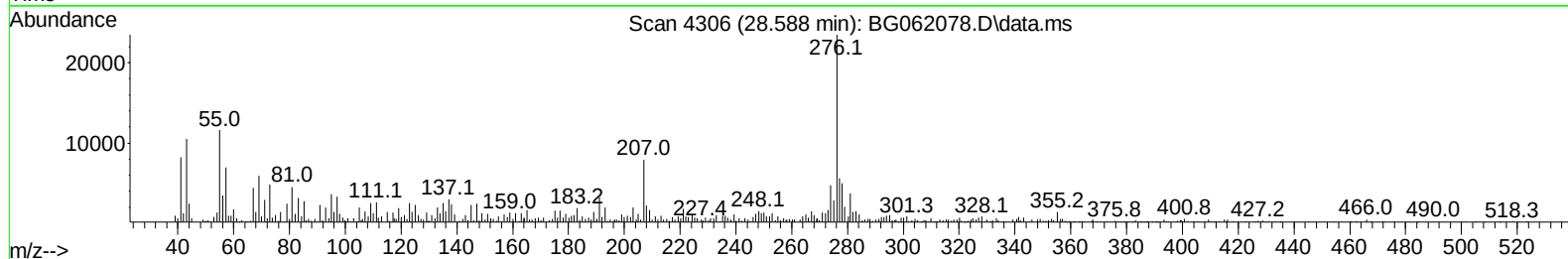
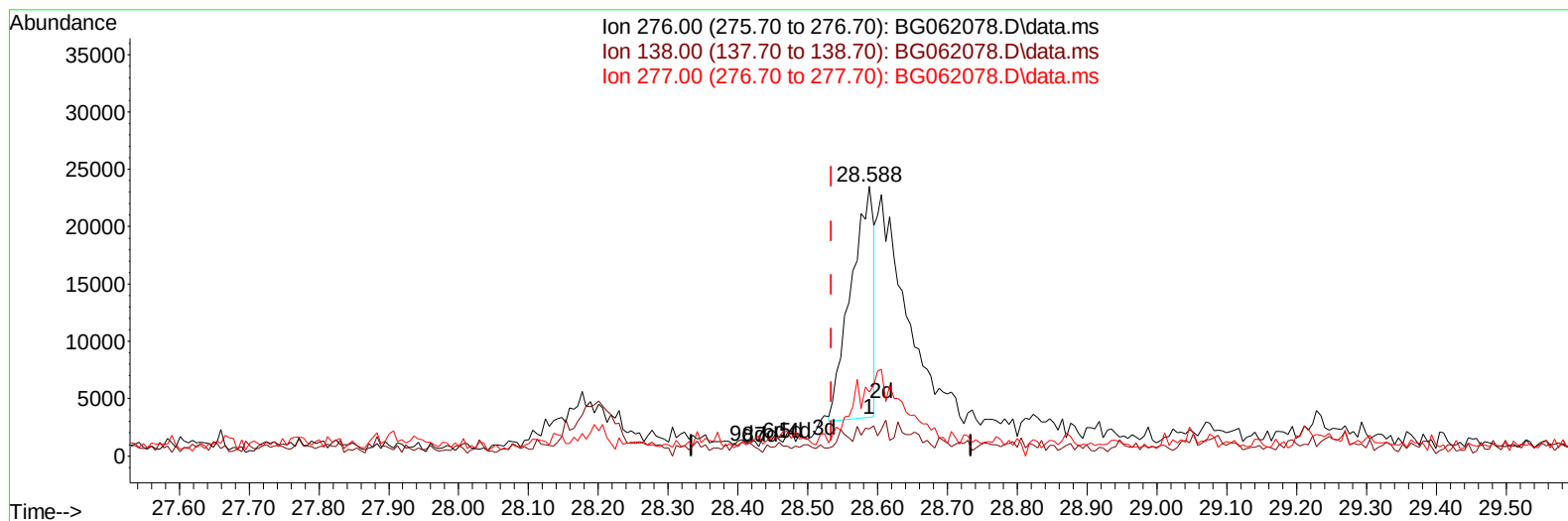
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 2024
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TIC: BG062078.D\data.ms

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

28.588min (+ 0.054) 1.67 ng/u1

response 45652

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.07#
277.00	24.10	23.82
0.00	0.00	0.00

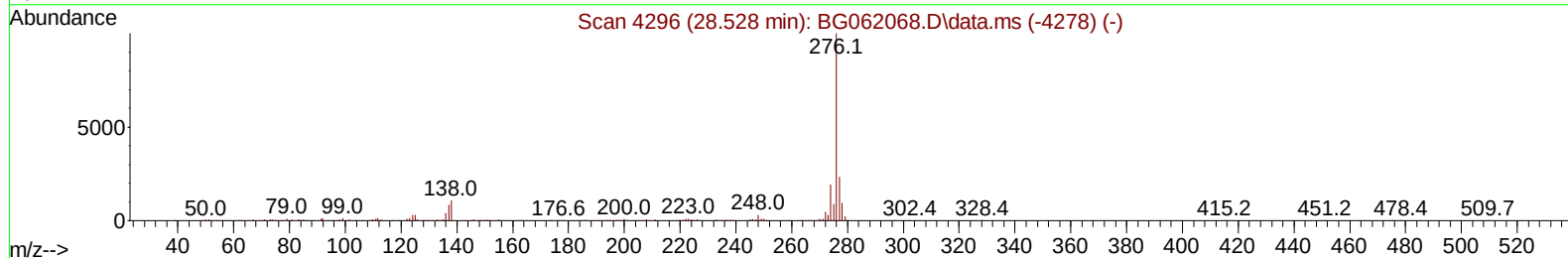
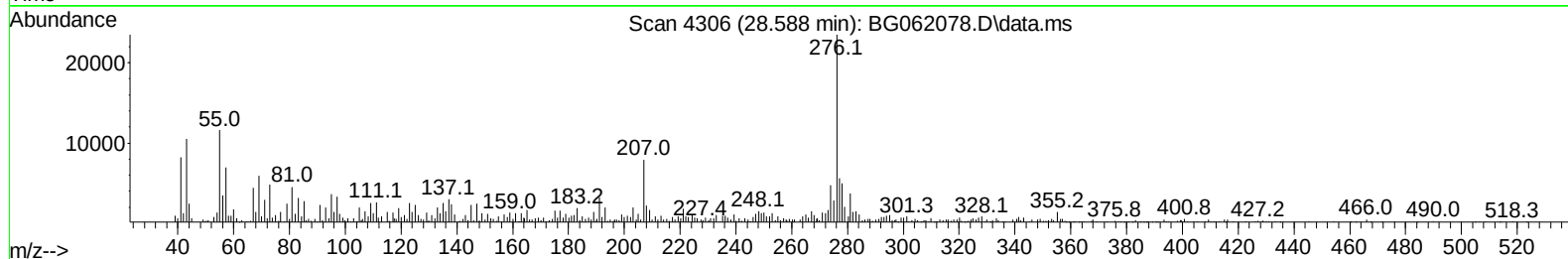
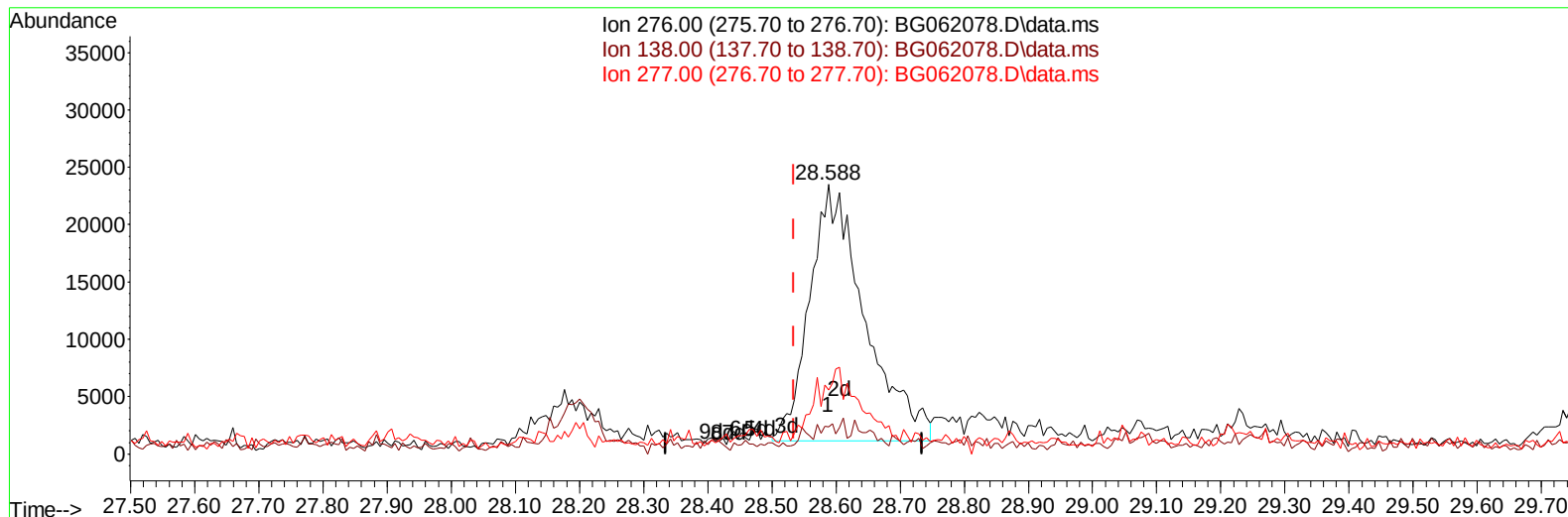
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:08 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
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Supervised By :mohammad ahmed 07/20/2024



TIC: BG062078.D\data.ms

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

28.588min (+ 0.054) 4.88 ng/ul m

response 133191

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.07#
277.00	24.10	23.82
0.00	0.00	0.00

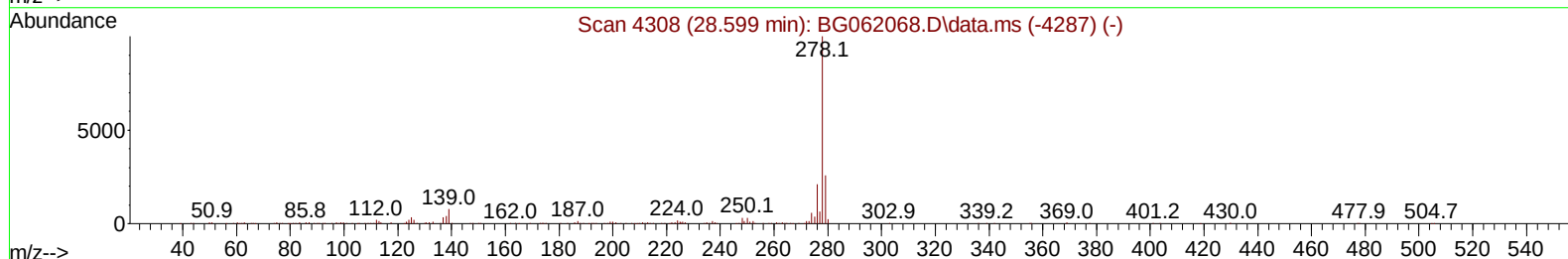
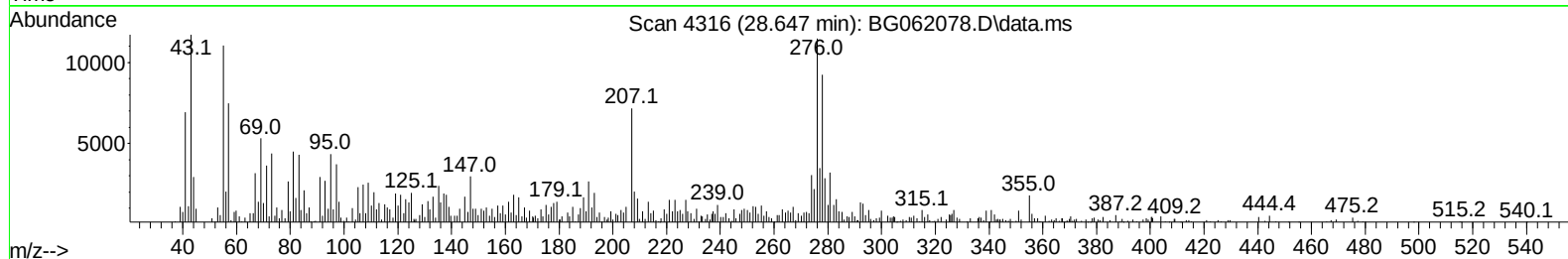
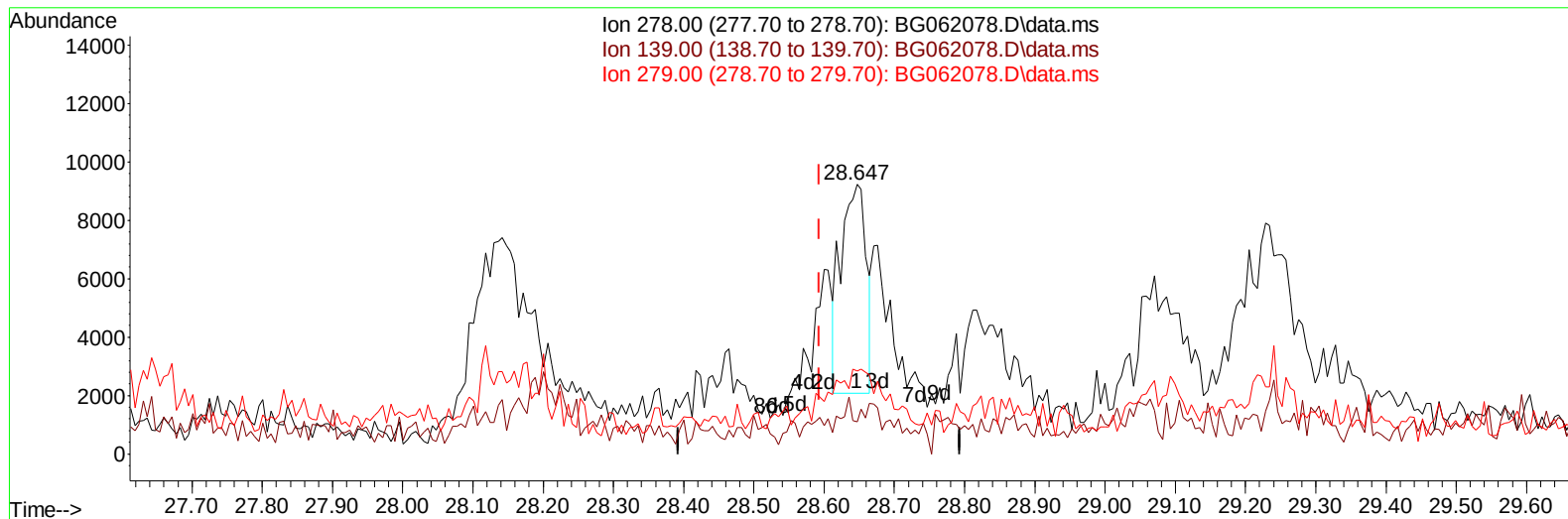
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:57:00 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 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062078.D\data.ms

(95) Dibenzo(a,h)anthracene

28.647min (+ 0.054) 0.79 ng/u1

response 17905

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.61#
279.00	23.50	30.89#
0.00	0.00	0.00

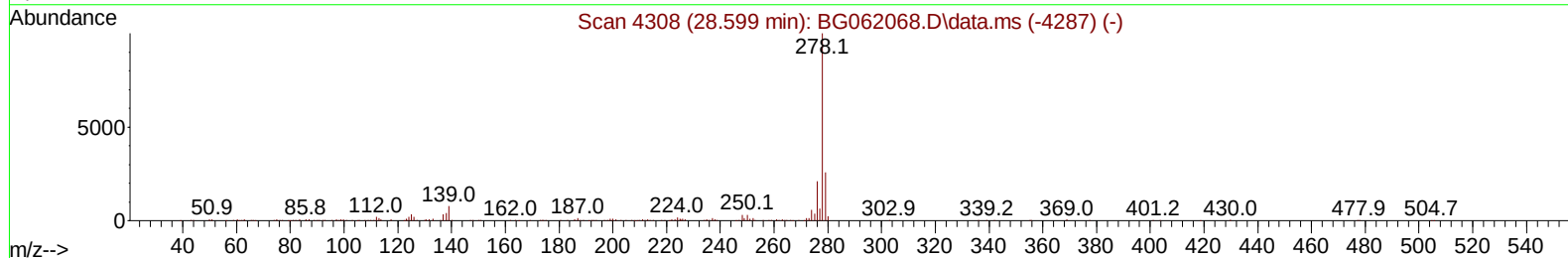
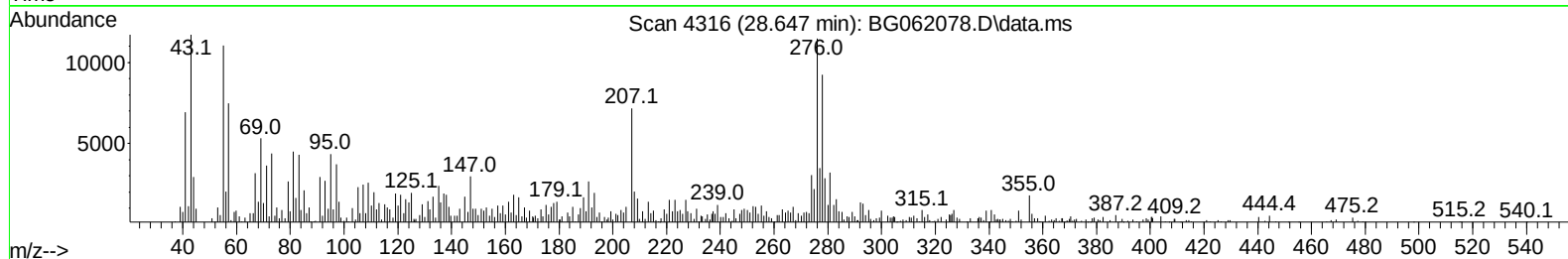
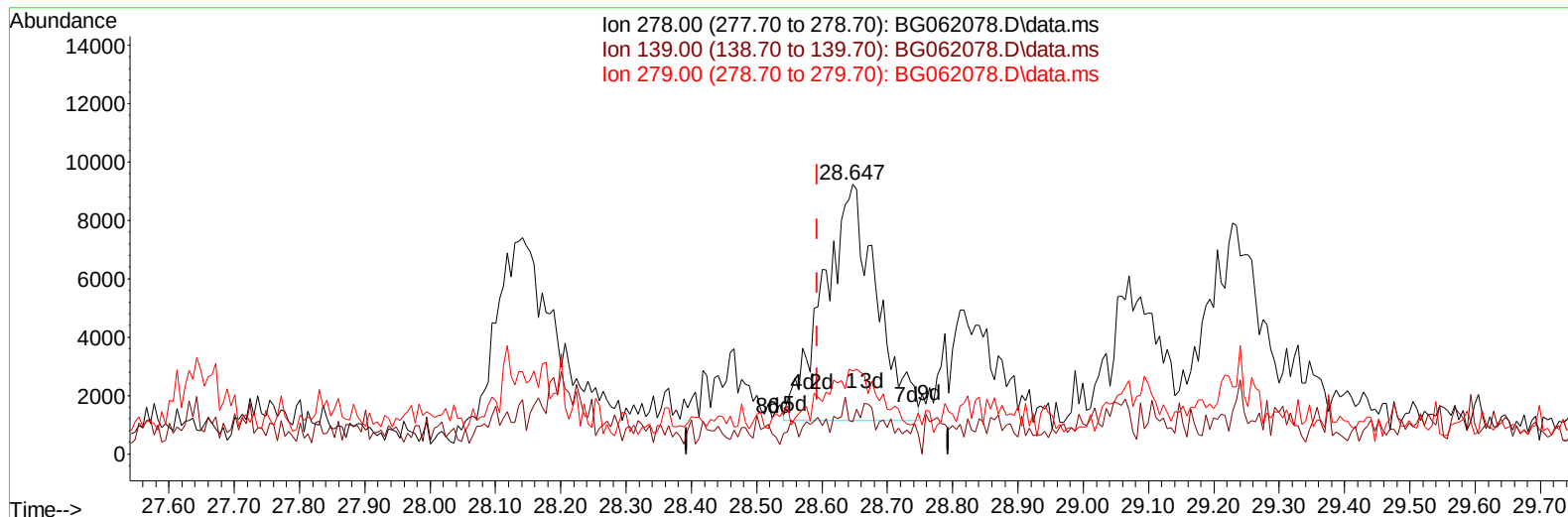
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:57:00 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
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062078.D\data.ms

(95) Dibenzo(a,h)anthracene

28.647min (+ 0.054) 2.03 ng/ul m

response 45778

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	11.81#
279.00	23.50	30.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062078.D
 Acq On : 15 Jul 2024 21:26
 Operator : MA/JU
 Sample : P3100-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D50

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:57:56 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	46888	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	226838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	149878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	341090	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	313298	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	357678	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	3901	3.126	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.219	99	122028	23.781	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.366	67	69494	21.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	87384	24.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	85828	21.244	ng/ul	0.02
21) Nitrobenzene-d5	9.217	128	46747	27.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	55721	28.283	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	101738	26.773	ng/ul	0.01
31) 4-Chloroaniline-d4	11.003	131	4913m	0.891	ng/ul	0.02
46) Dimethylphthalate-d6	14.076	166	327946	26.615	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	368893	28.631	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	44566	22.648	ng/ul	0.02
60) Fluorene-d10	15.668	176	287876	27.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	37824	21.115	ng/ul	0.00
73) Anthracene-d10	17.525	188	441913	27.750	ng/ul	0.00
81) Pyrene-d10	19.804	212	433818	23.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.687	264	323893	18.259	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.909	128	17821	1.430	ng/ul#	84
36) 2-Methylnaphthalene	12.513	142	11541	1.278	ng/ul	96
37) 1-Methylnaphthalene	12.730	142	10029	1.069	ng/ul#	93
50) Acenaphthylene	14.411	152	19622m	1.388	ng/ul	
61) Fluorene	15.721	166	13272	1.131	ng/ul#	92
72) Phenanthrene	17.466	178	299276	16.640	ng/ul	98
74) Anthracene	17.554	178	44419	2.390	ng/ul	99
77) Carbazole	17.830	167	36327	2.322	ng/ul#	91
80) Fluoranthene	19.475	202	741883	34.018	ng/ul#	93
82) Pyrene	19.840	202	496705	22.049	ng/ul#	92
85) Benzo(a)anthracene	21.667	228	282735	12.464	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.555	149	26198	1.931	ng/ul#	95
87) Chrysene	21.731	228	379684	17.880	ng/ul	97
90) Benzo(b)fluoranthene	23.894	252	492463	21.853	ng/ul#	97
91) Benzo(k)fluoranthene	23.941	252	192619m	8.572	ng/ul	
93) Benzo(a)pyrene	24.757	252	166408m	7.798	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.588	276	133191m	4.884	ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	45778m	2.033	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062078.D
Acq On : 15 Jul 2024 21:26
Operator : MA/JU
Sample : P3100-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D50

Manual IntegrationsAPPROVED

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

Quant Time: Jul 15 23:57:56 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

