

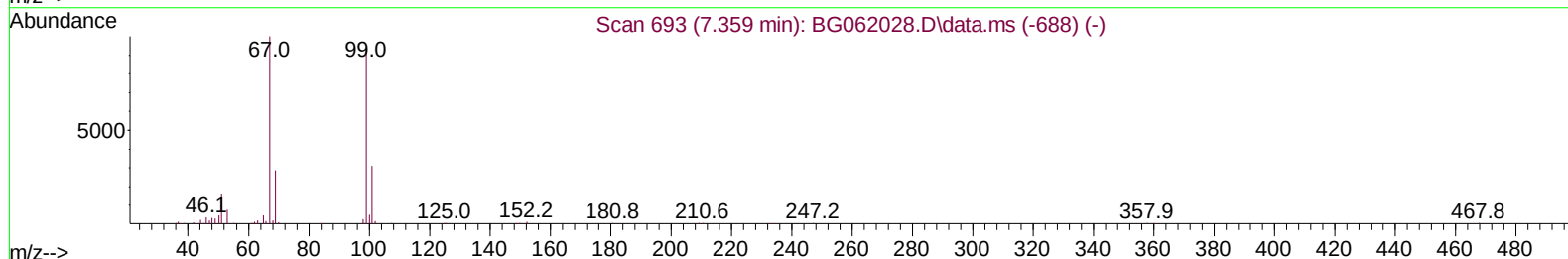
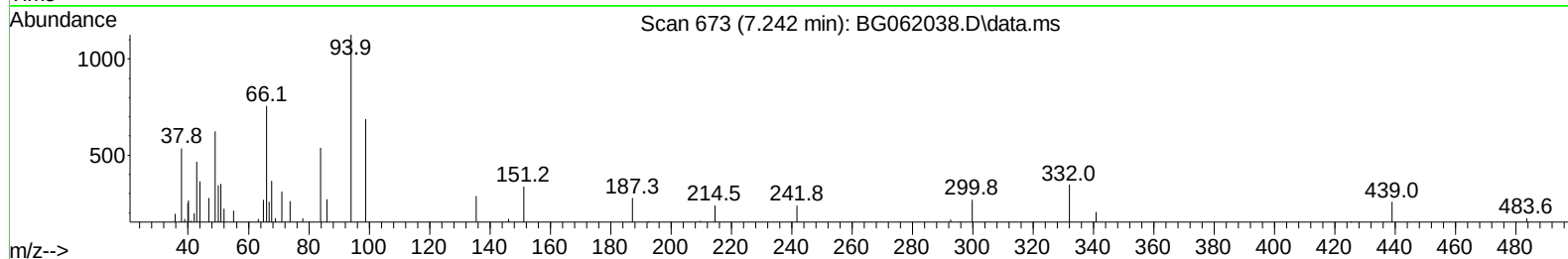
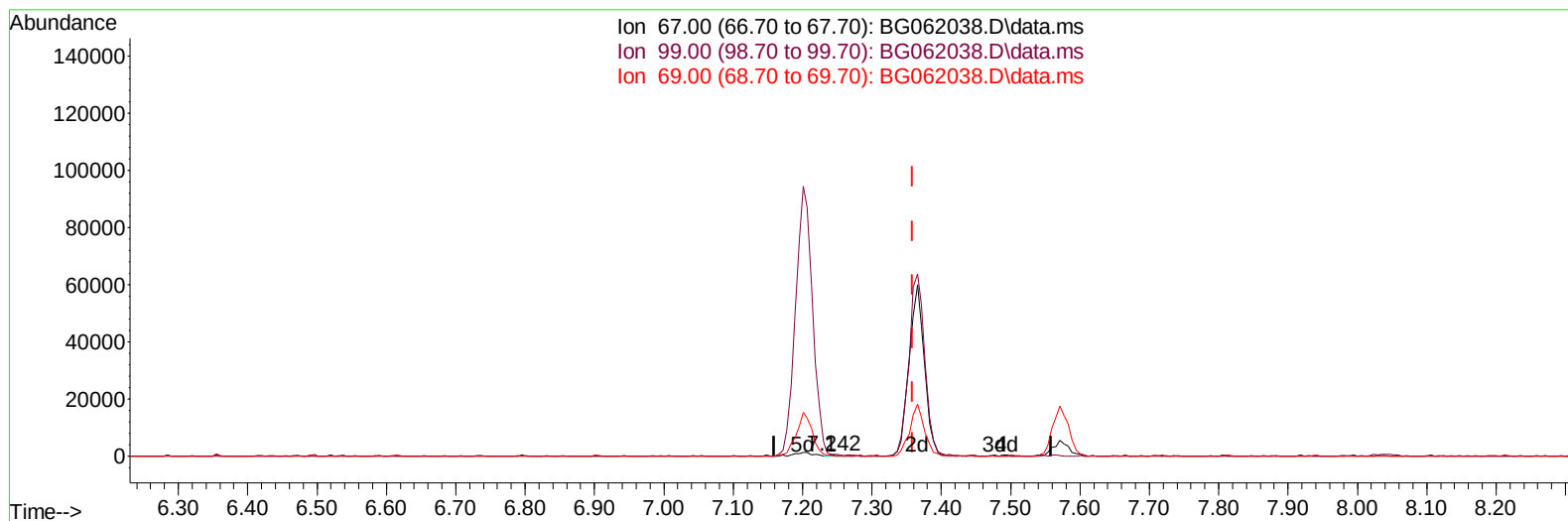
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062038.D
 Acq On : 12 Jul 2024 11:23
 Operator : MA/JU
 Sample : P3101-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:24:47 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 :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062038.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.242min (-0.117) 0.08 ng/u1

response 286

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	109.10	110.11
69.00	24.30	27.61
0.00	0.00	0.00

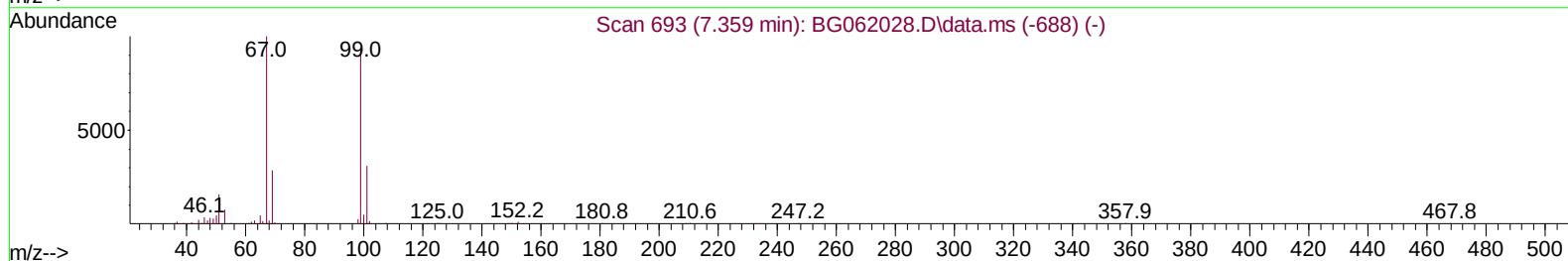
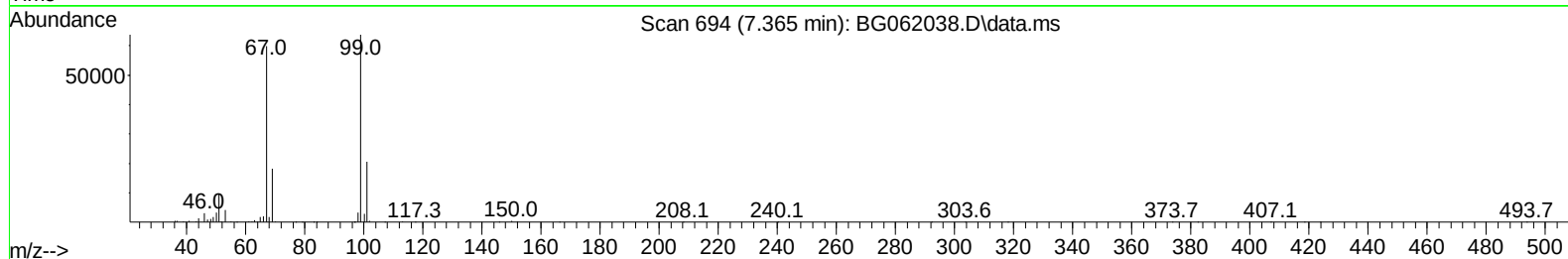
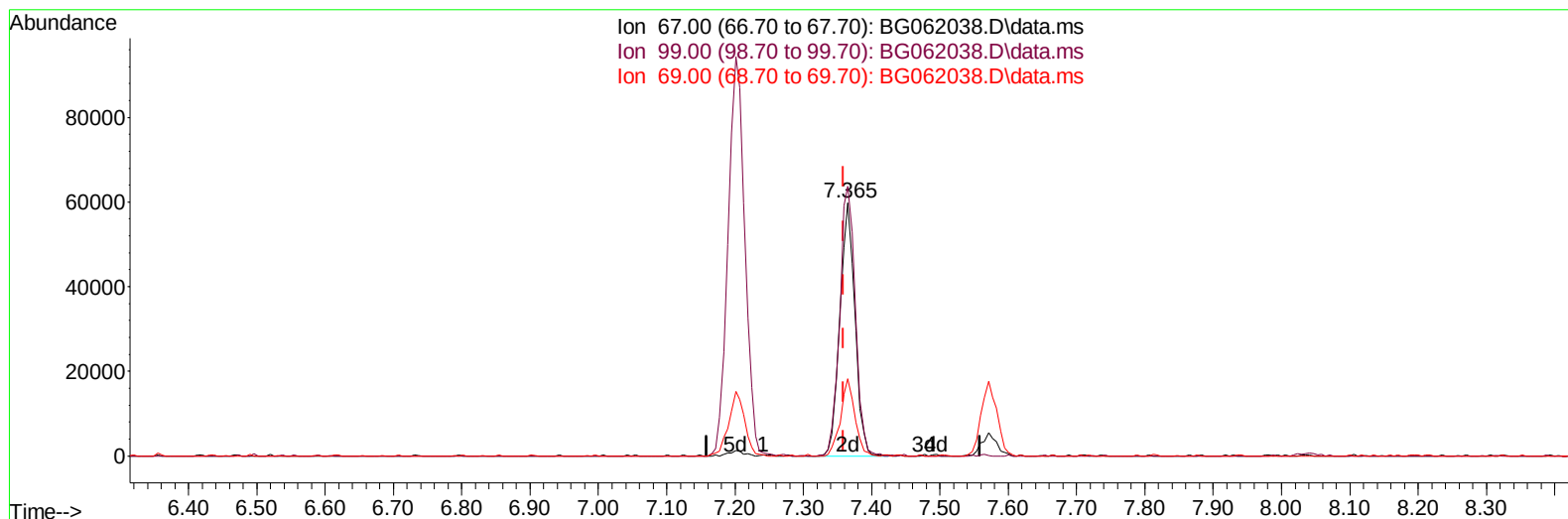
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
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TIC: BG062038.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.365min (+ 0.006) 26.36 ng/ul m

response 92561

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	109.10	106.32
69.00	24.30	30.46#
0.00	0.00	0.00

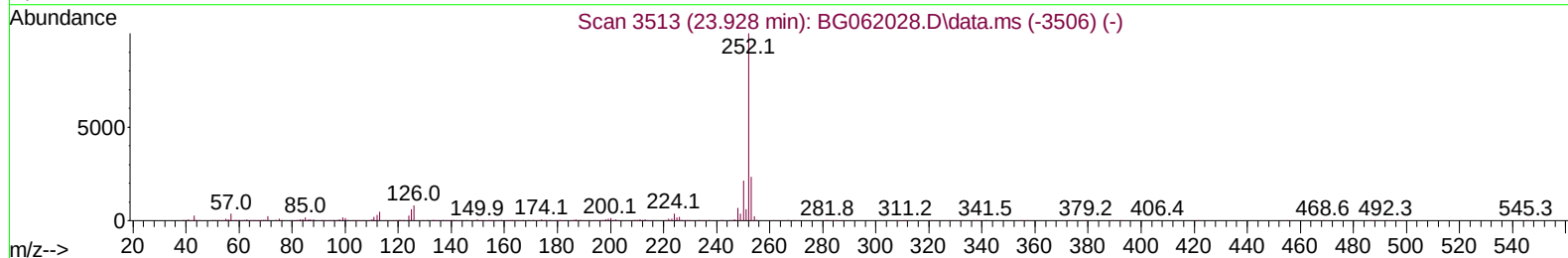
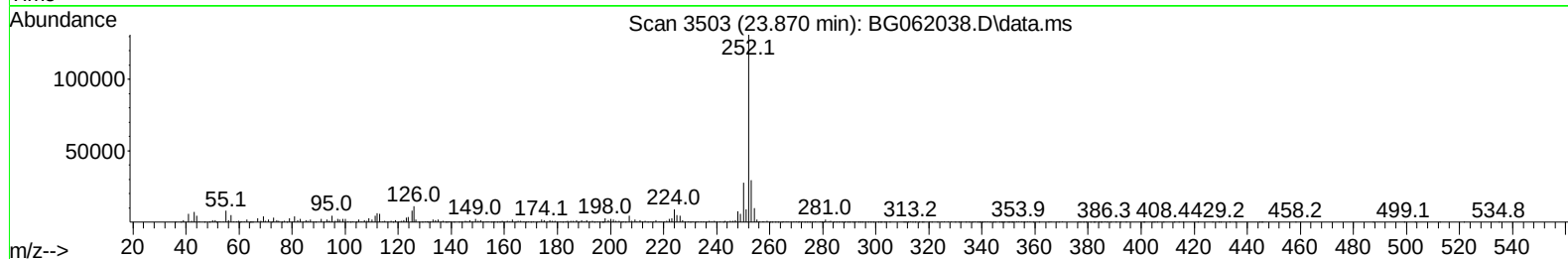
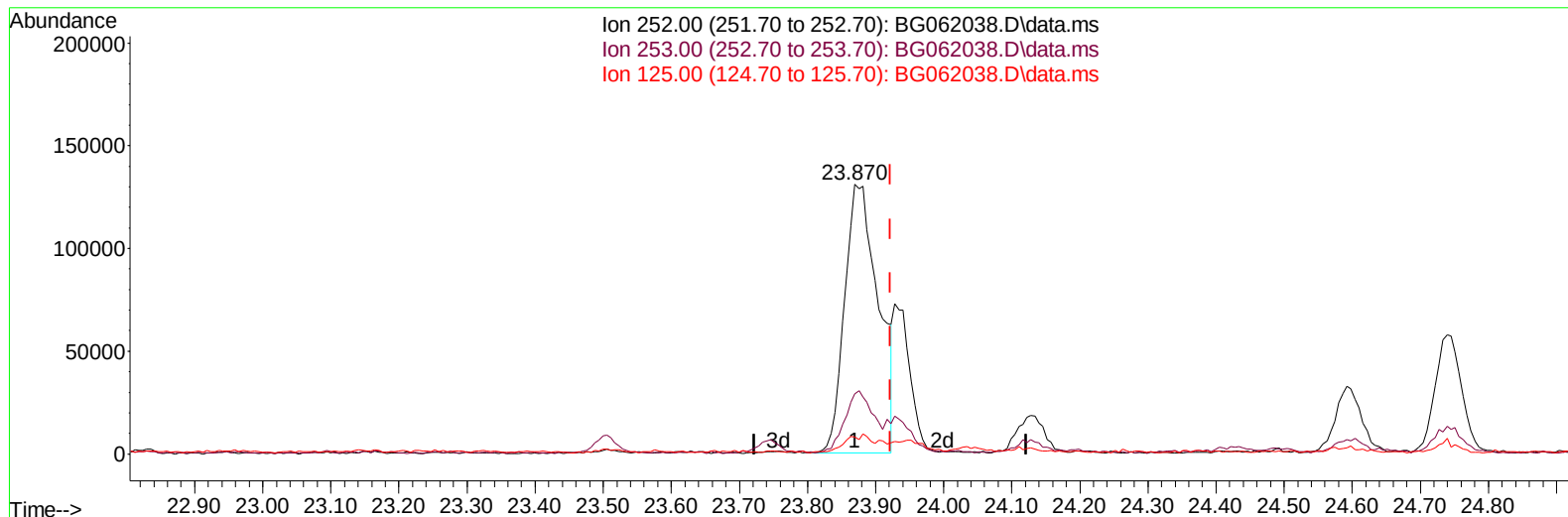
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 13:16:11 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



TIC: BG062038.D\data.ms

(91) Benzo(k)fluoranthene

23.870min (-0.052) 19.98 ng/u1

response 449208

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.32
125.00	7.90	6.30#
0.00	0.00	0.00

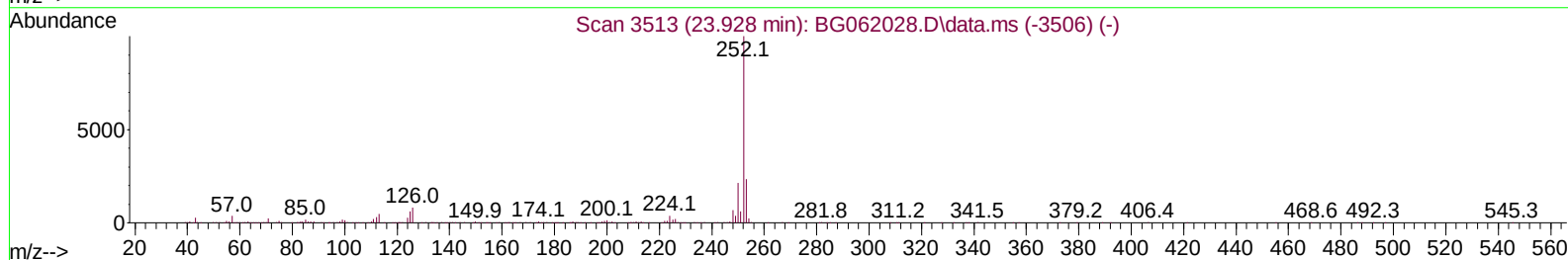
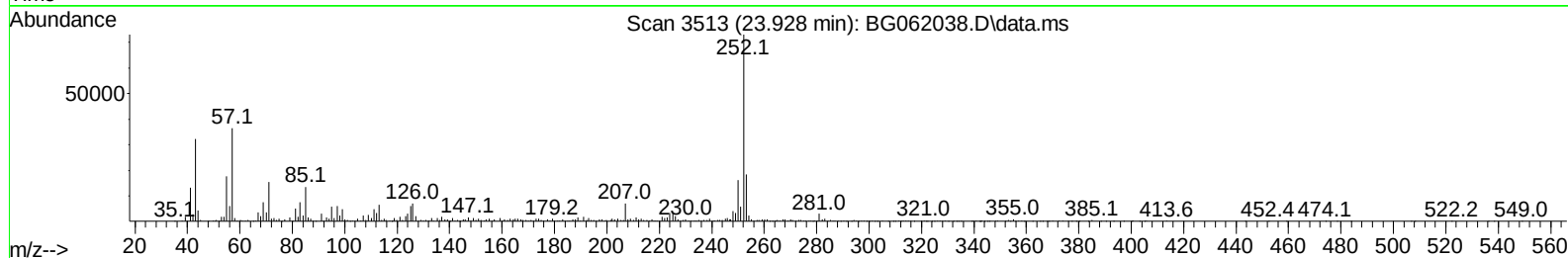
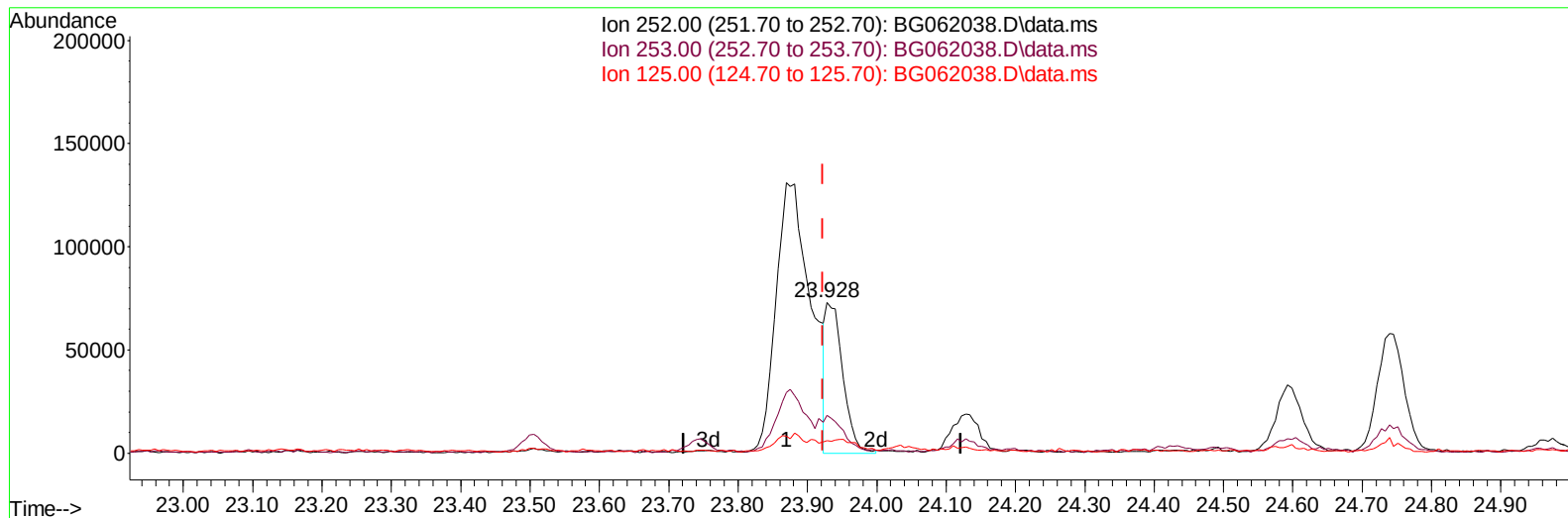
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 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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Supervised By :mohammad ahmed 07/15/2024



TIC: BG062038.D\data.ms

(91) Benzo(k)fluoranthene

23.928min (+ 0.006) 5.54 ng/ul m

response 124521

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	25.16
125.00	7.90	8.34
0.00	0.00	0.00

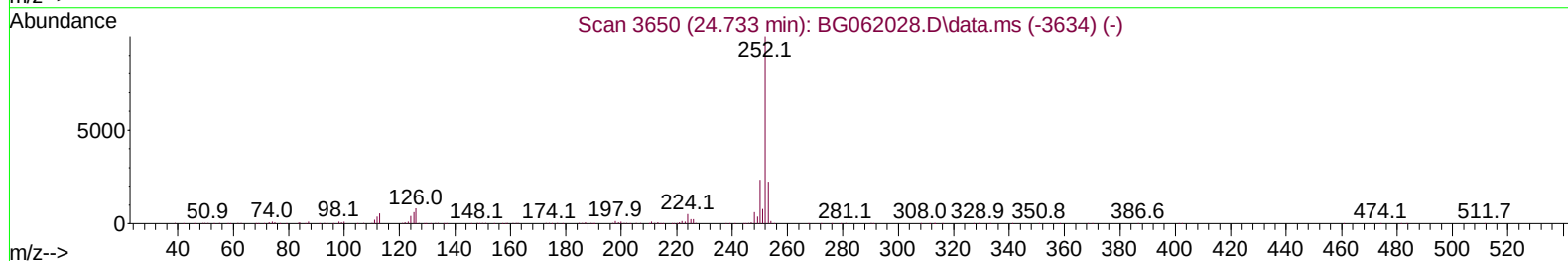
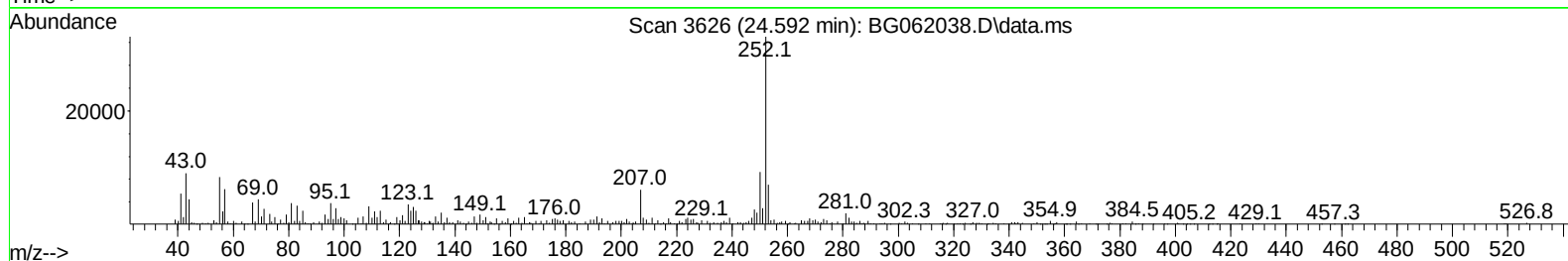
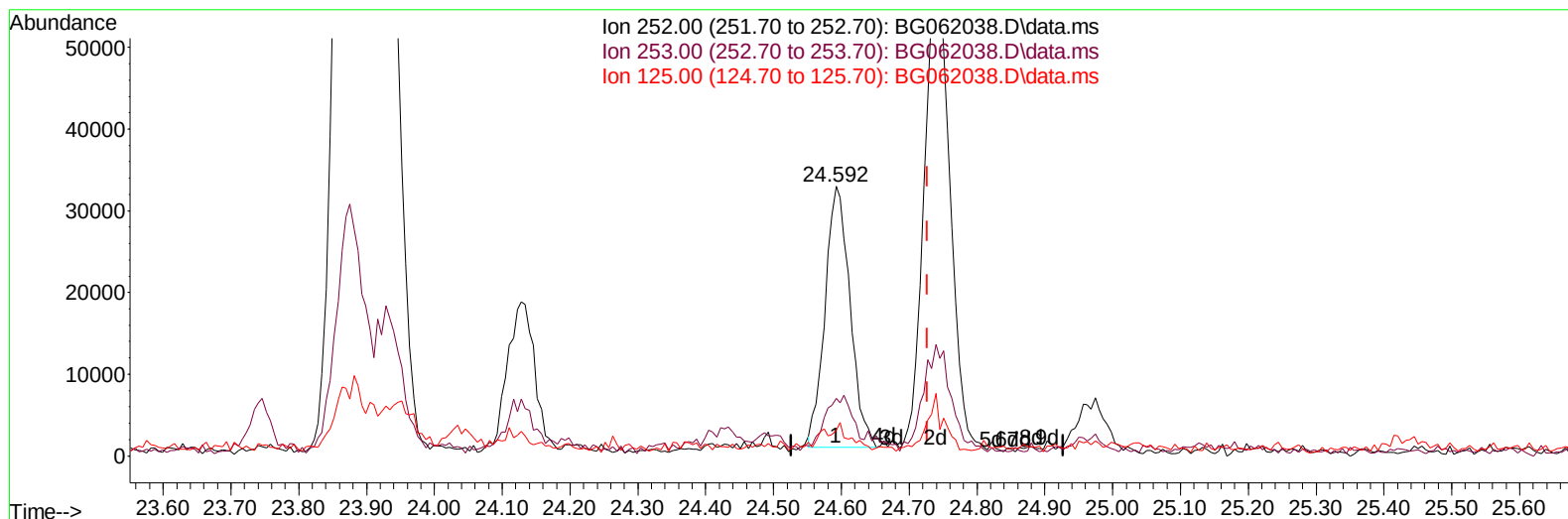
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG062038.D\data.ms

(93) Benzo(a)pyrene (C)

24.592min (-0.135) 3.81 ng/u1

response 81355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.38
125.00	9.30	9.47
0.00	0.00	0.00

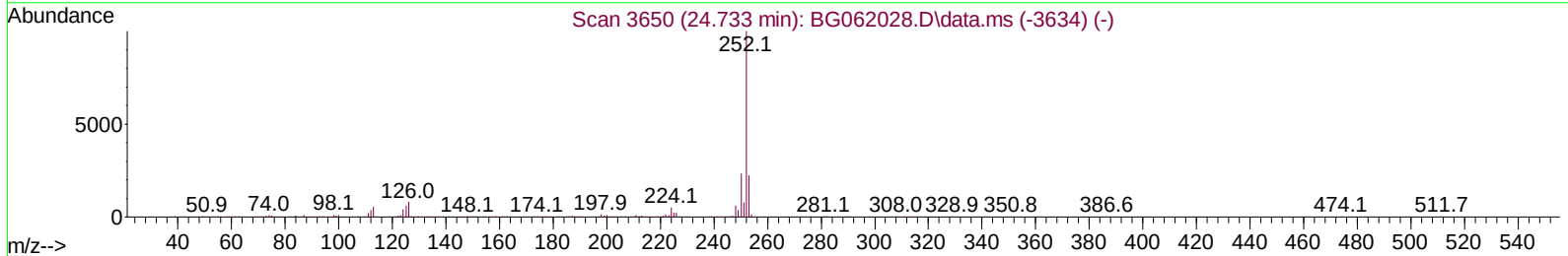
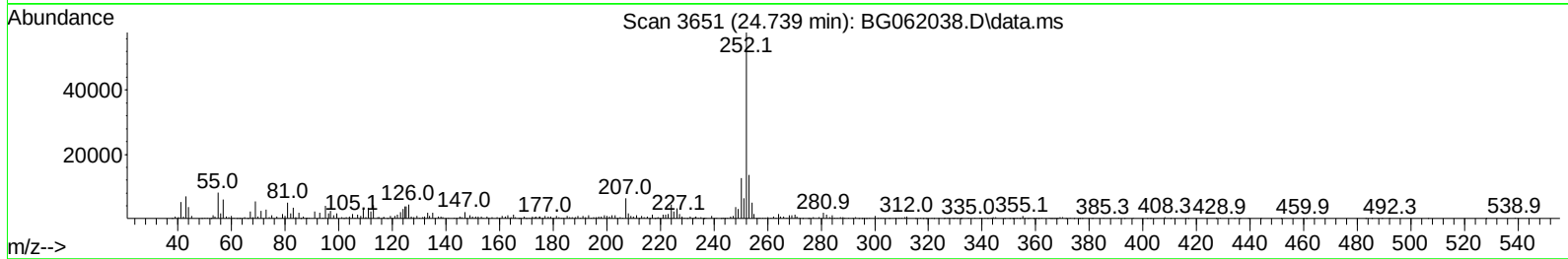
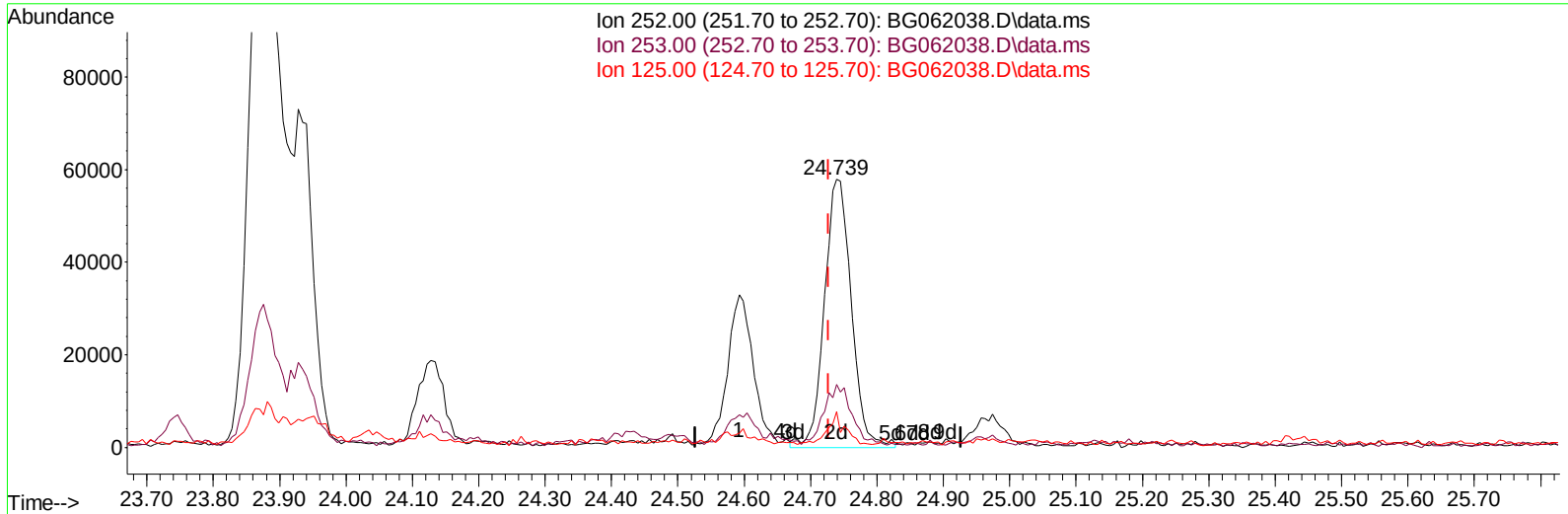
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 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 :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062038.D\data.ms

(93) Benzo(a)pyrene (C)

24.739min (+ 0.012) 7.63 ng/ul m

response 162950

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	23.55
125.00	9.30	6.67#
0.00	0.00	0.00

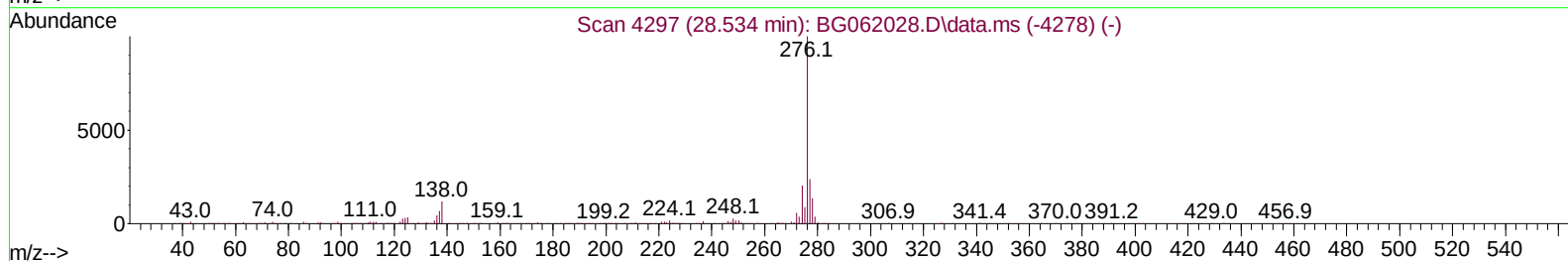
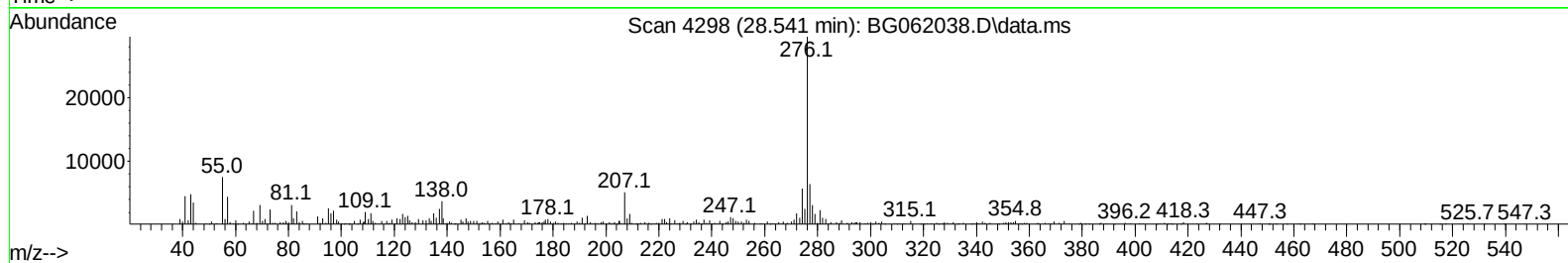
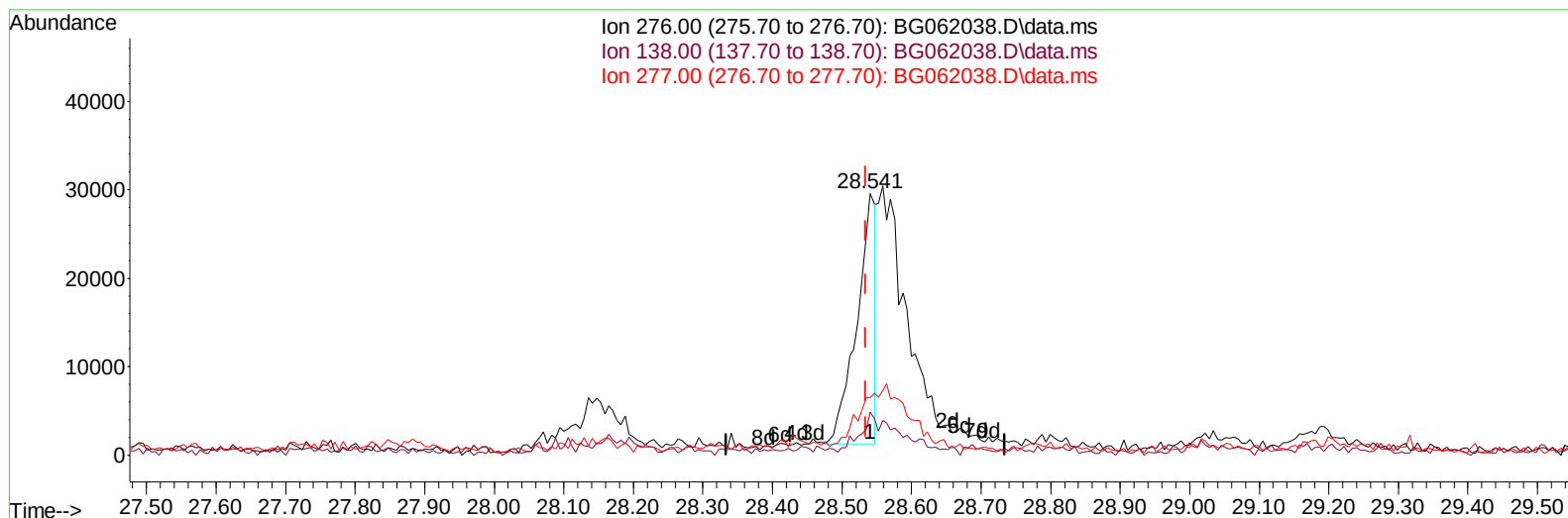
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Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG062038.D\data.ms

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

28.541min (+ 0.006) 1.91 ng/u1

response 52158

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	16.37
277.00	24.10	21.82
0.00	0.00	0.00

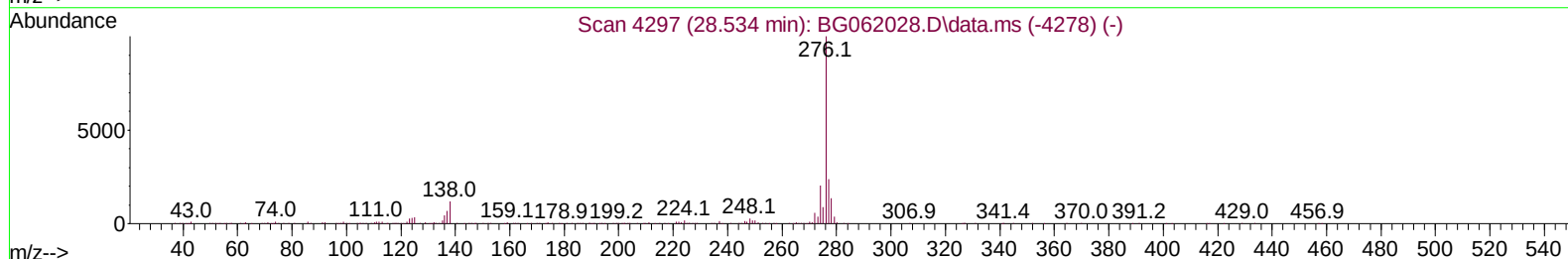
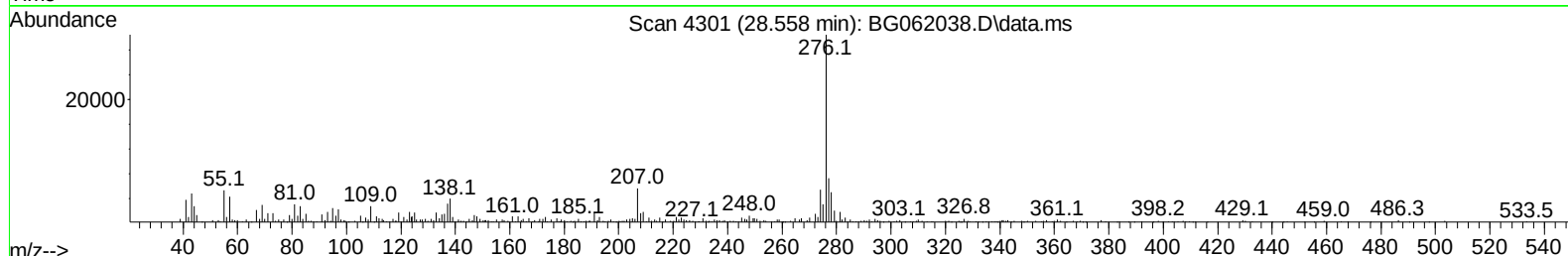
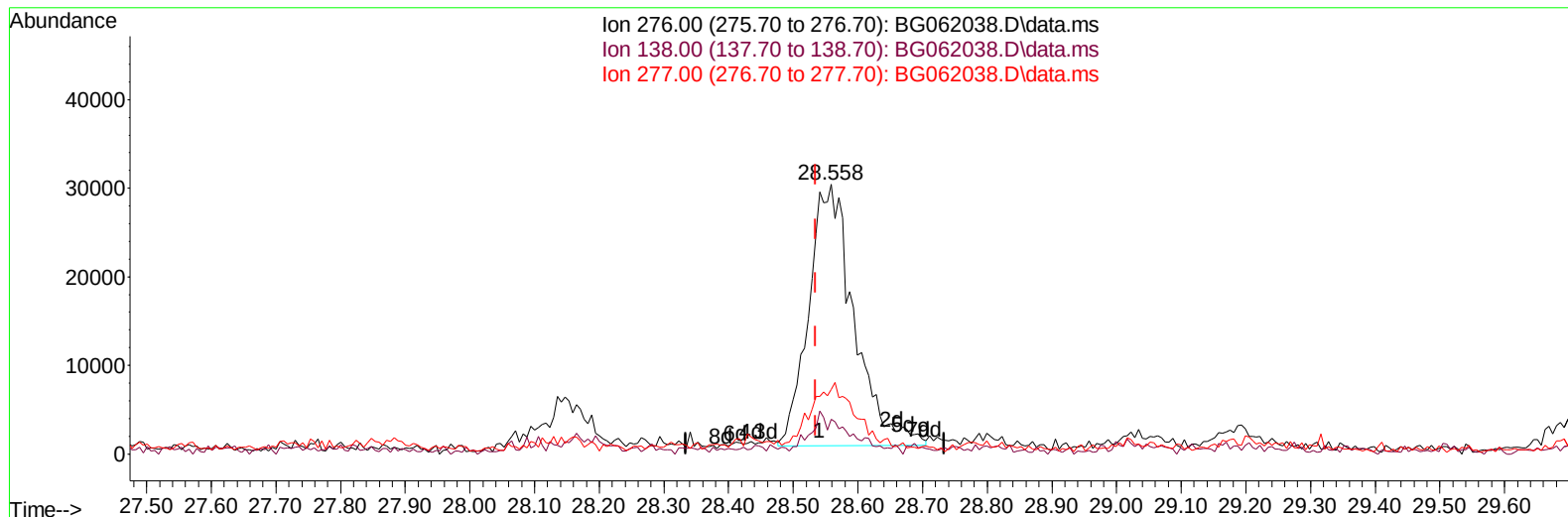
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 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 :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062038.D\data.ms

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

28.558min (+ 0.024) 5.28 ng/ul m

response 143965

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.94
277.00	24.10	23.93
0.00	0.00	0.00

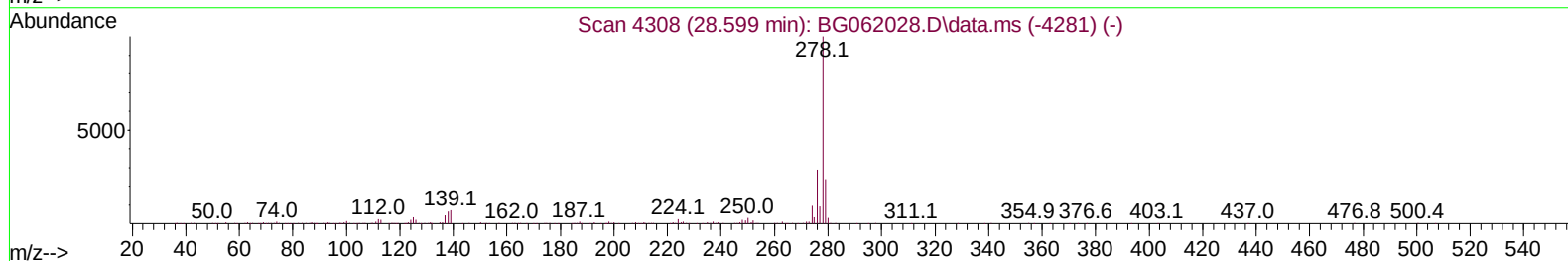
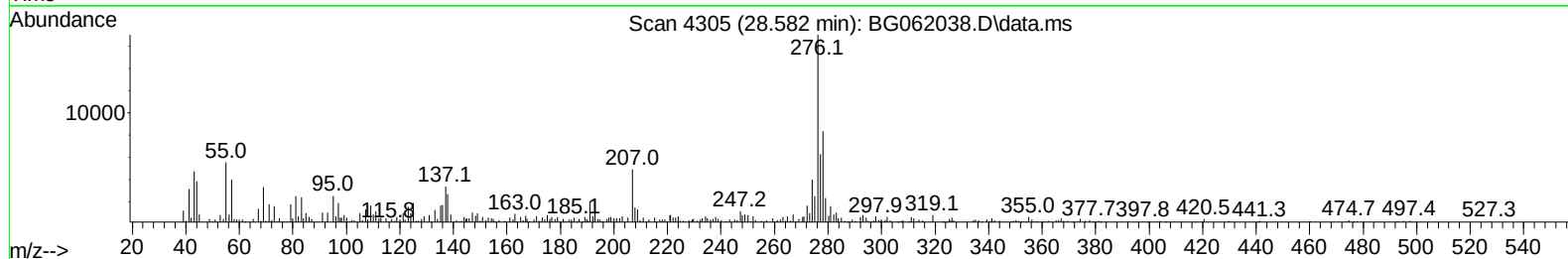
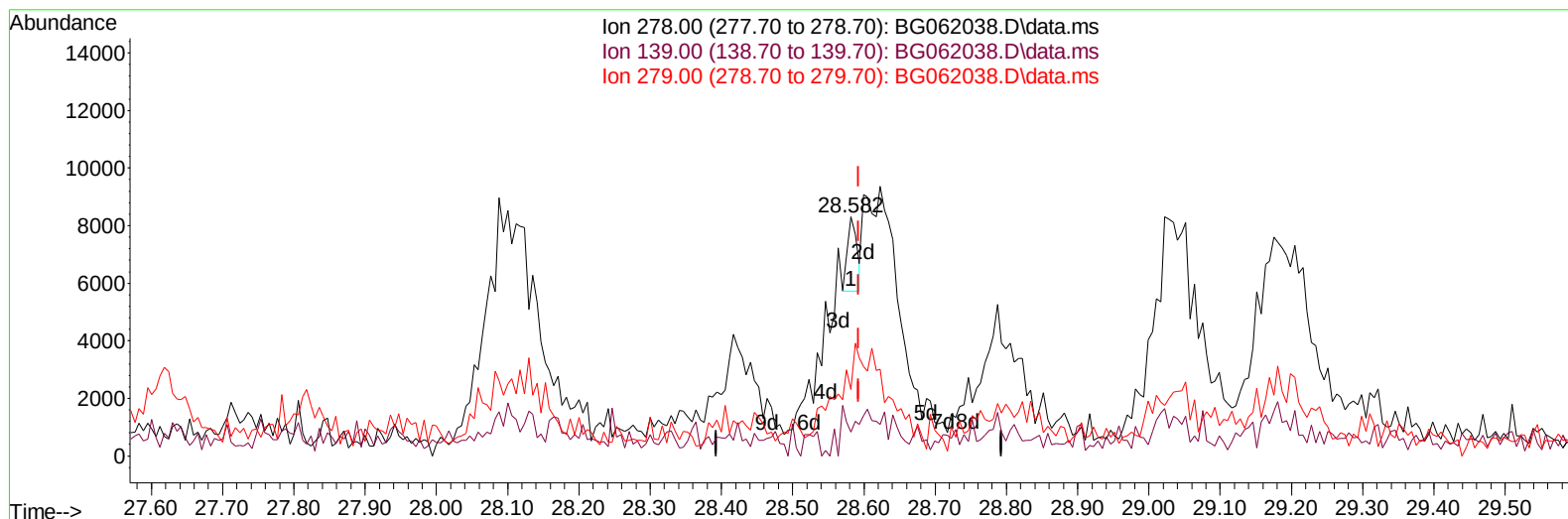
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Data File : BG062038.D
Acq On : 12 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 2024
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TIC: BG062038.D\data.ms

(95) Dibenzo(a,h)anthracene

28.582min (-0.011) 0.10 ng/u1

response 2362

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.12
279.00	23.50	27.73
0.00	0.00	0.00

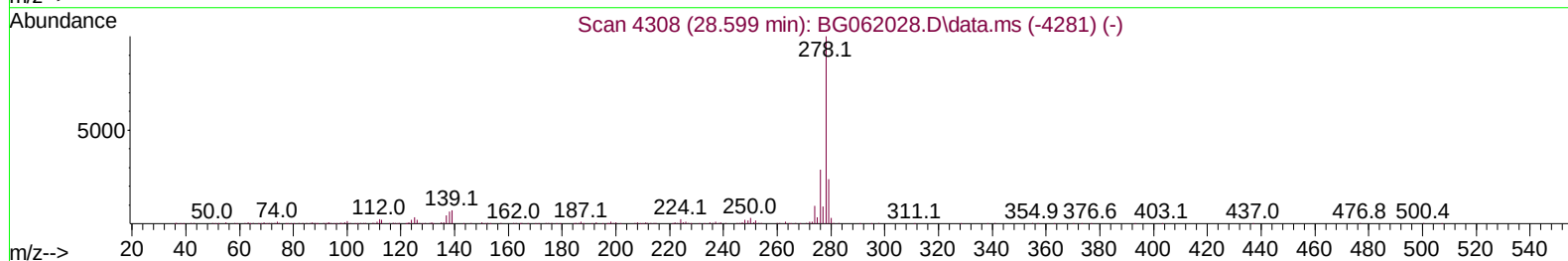
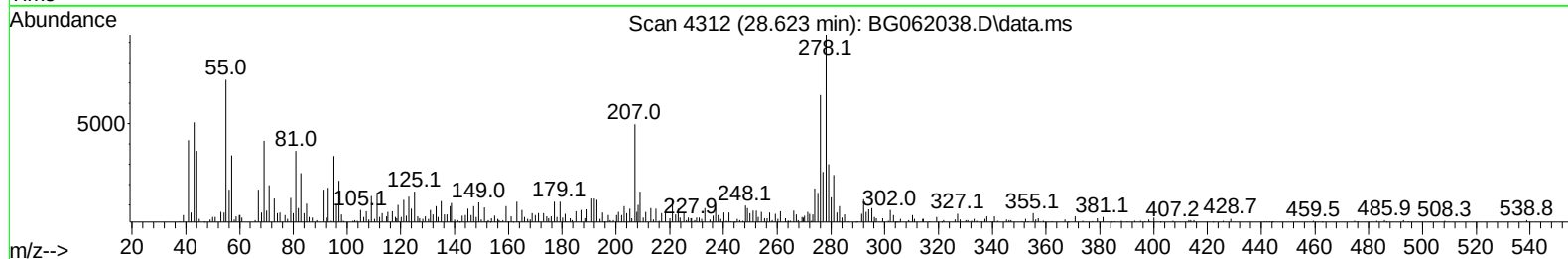
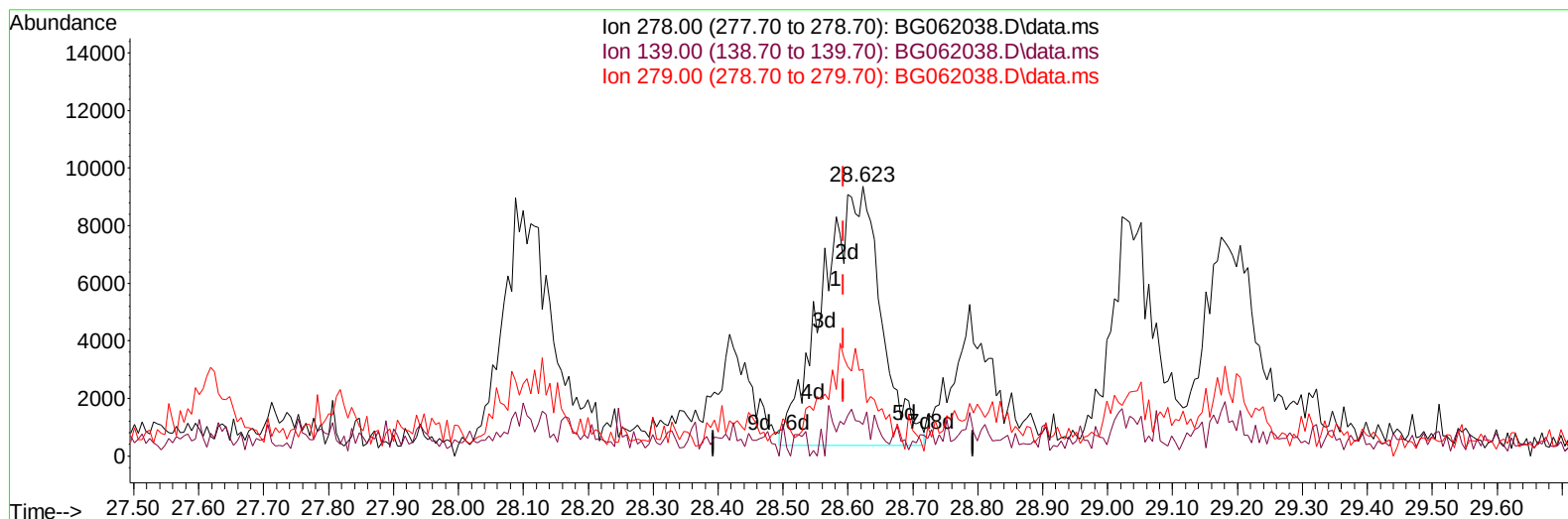
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062038.D
 Acq On : 12 Jul 2024 11:23
 Operator : MA/JU
 Sample : P3101-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:16:11 2024
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TIC: BG062038.D\data.ms

(95) Dibenzo(a,h)anthracene

28.623min (+ 0.030) 2.51 ng/ul m

response 56447

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	11.77#
279.00	23.50	32.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062038.D
 Acq On : 12 Jul 2024 11:23
 Operator : MA/JU
 Sample : P3101-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:28:24 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

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	50674	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.855	136	226146	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	152411	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.418	188	341318	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.678	240	304289	20.000	ng/ul	0.00
88) Perylene-d12	24.892	264	357843	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	6298	4.670	ng/uL	0.00
4) Pyridine-d5	3.864	84	13460	3.246	ng/ul	0.00
7) Phenol-d5	7.201	99	161665	29.152	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	92561m	26.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	117626	30.922	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	120127	27.512	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	57653	33.521	ng/ul	0.00
24) 2-Nitrophenol-d4	9.927	143	67656	34.446	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	125641	33.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	37246	6.772	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	388435	31.000	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	422462	32.244	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	60691	30.330	ng/ul	0.00
60) Fluorene-d10	15.662	176	336649	31.915	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	33418	18.643	ng/ul	0.00
73) Anthracene-d10	17.518	188	526772	33.056	ng/ul	0.00
81) Pyrene-d10	19.798	212	535392	29.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.680	264	427151	24.069	ng/ul	0.02
Target Compounds						
						Qvalue
72) Phenanthrene	17.459	178	267202	14.847	ng/ul	95
74) Anthracene	17.548	178	52363	2.815	ng/ul	99
77) Carbazole	17.818	167	25363	1.620	ng/ul#	93
78) Di-n-butylphthalate	18.364	149	21716	1.081	ng/ul#	90
80) Fluoranthene	19.469	202	560336	26.454	ng/ul	96
82) Pyrene	19.827	202	407167	18.609	ng/ul#	94
85) Benzo(a)anthracene	21.660	228	259193	11.765	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.555	149	94779	7.193	ng/ul#	98
87) Chrysene	21.725	228	288155	13.971	ng/ul	94
90) Benzo(b)fluoranthene	23.870	252	449208	19.925	ng/ul	98
91) Benzo(k)fluoranthene	23.928	252	124521m	5.539	ng/ul	
93) Benzo(a)pyrene	24.739	252	162950m	7.633	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.558	276	143965m	5.277	ng/ul	
95) Dibenzo(a,h)anthracene	28.623	278	56447m	2.505	ng/ul	

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

