

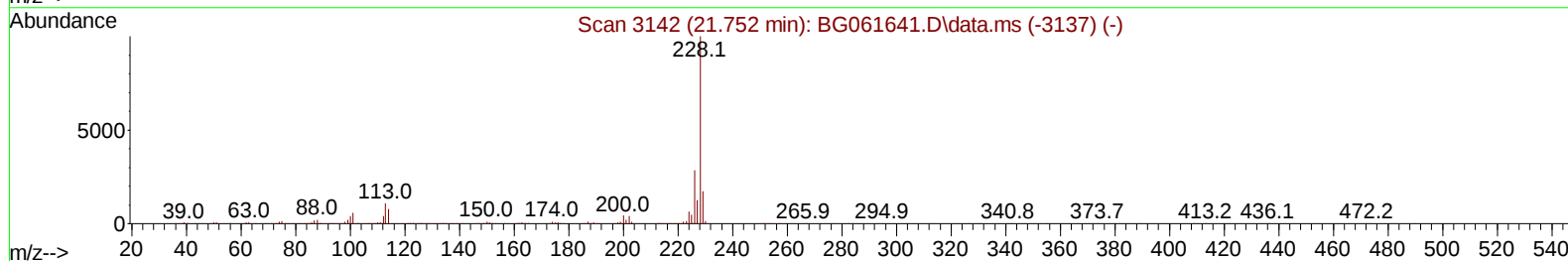
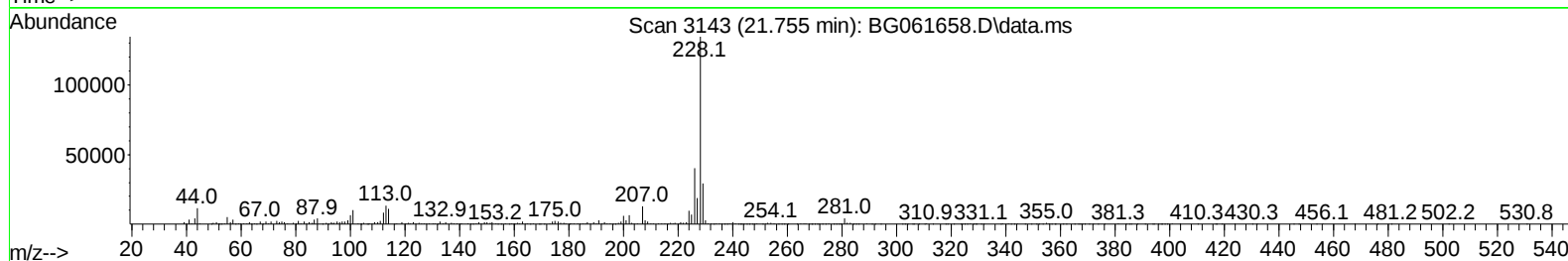
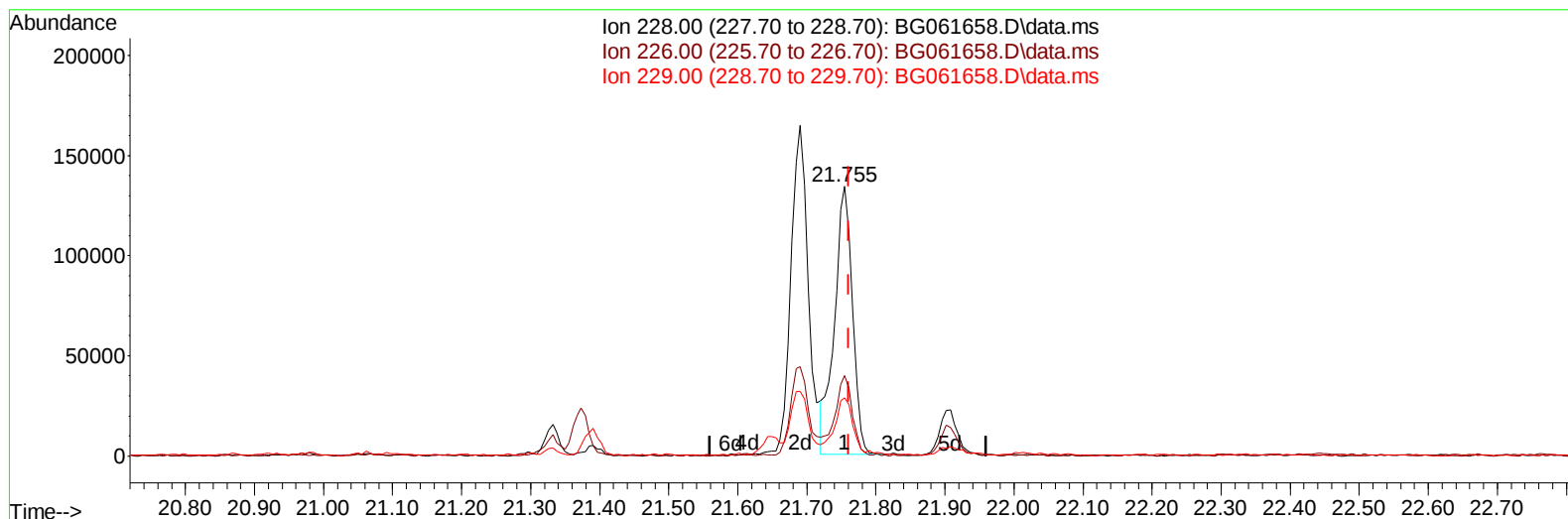
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

(87) Chrysene

21.755min (-0.005) 7.50 ng/u1

response 241689

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	29.92
229.00	20.60	21.71
0.00	0.00	0.00

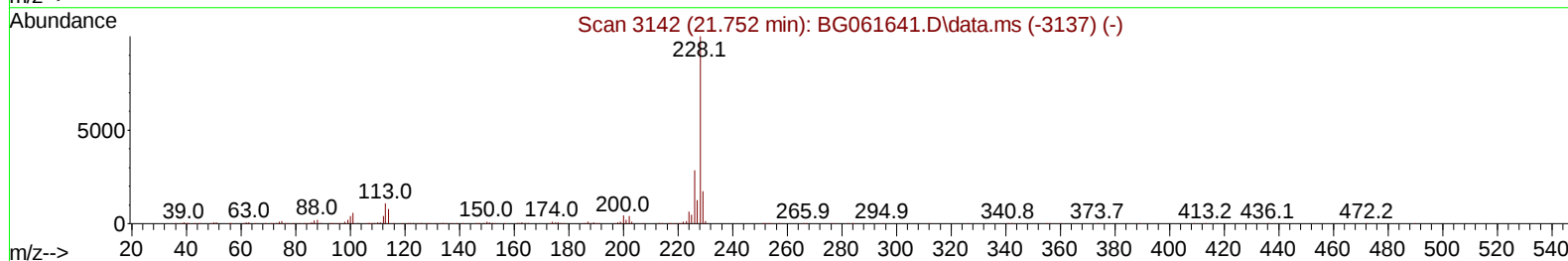
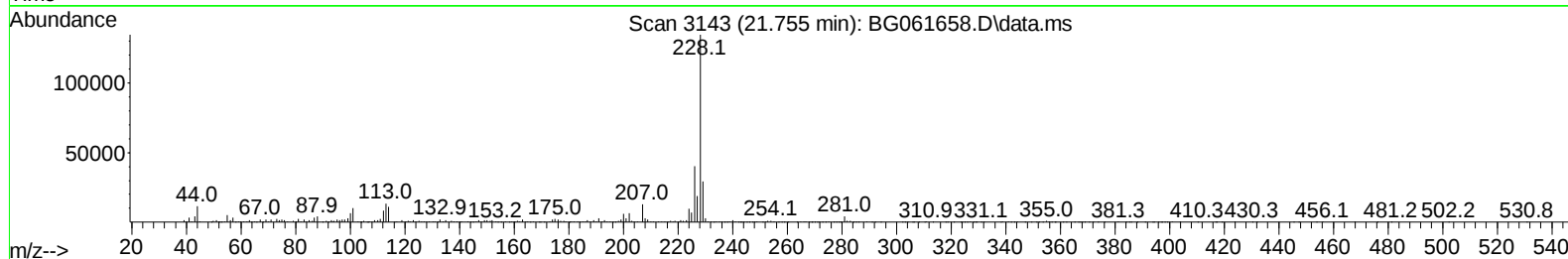
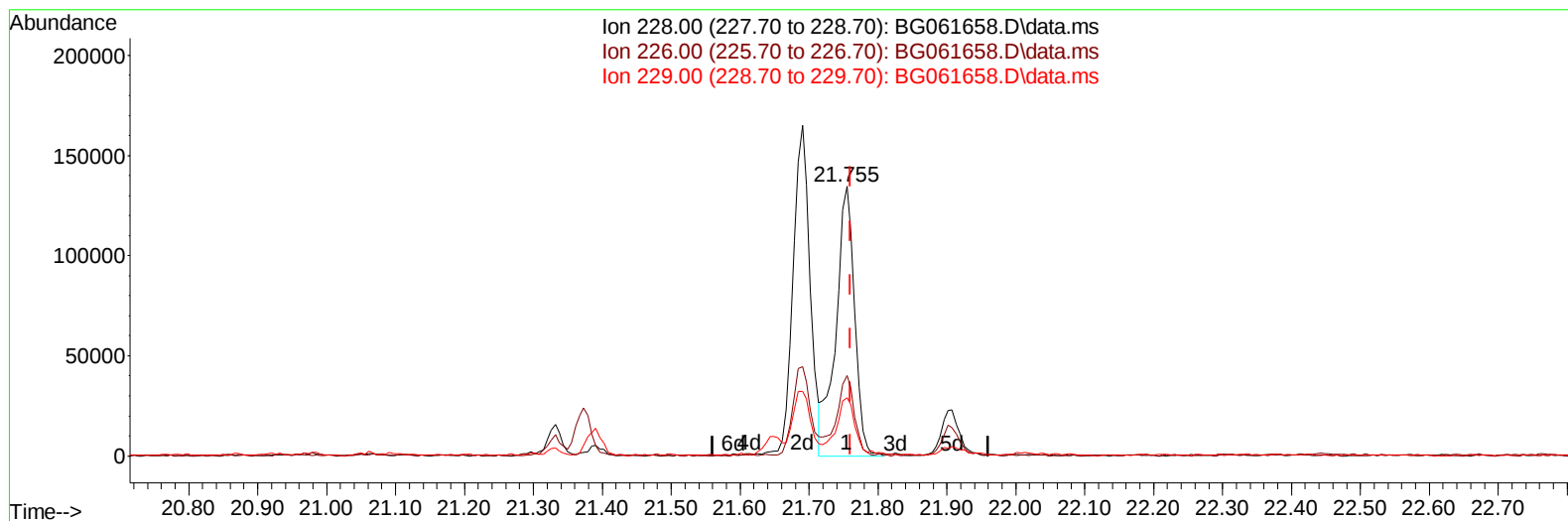
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061658.D
 Acq On : 22 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2776-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:17:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

(87) Chrysene

21.755min (-0.005) 7.93 ng/u1 m

response 255524

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	29.92
229.00	20.60	21.71
0.00	0.00	0.00

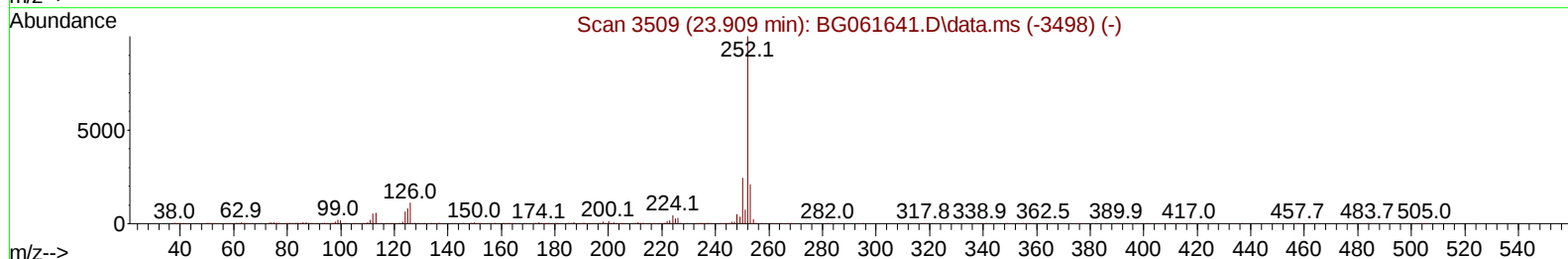
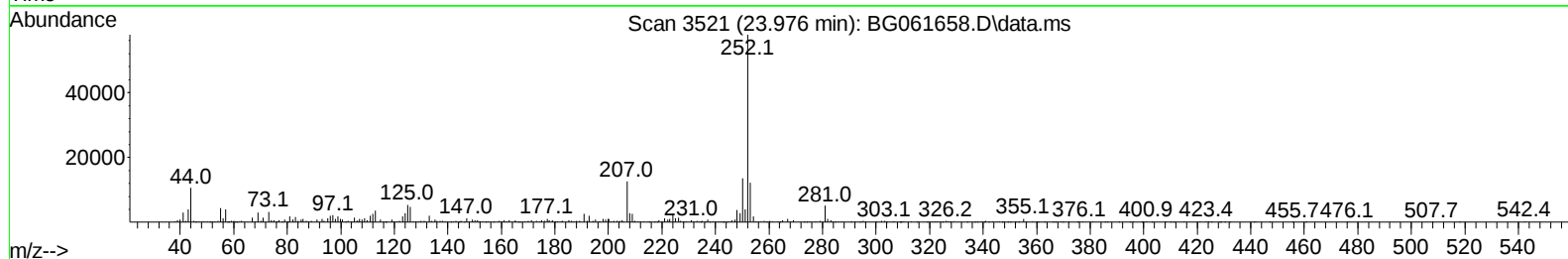
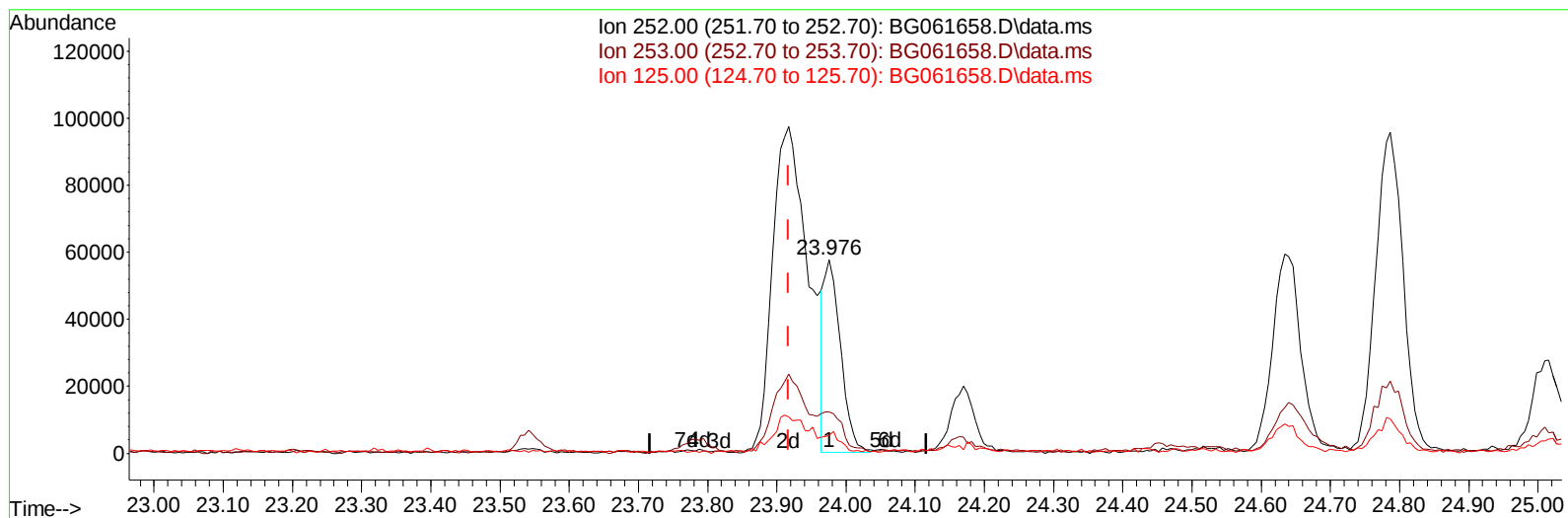
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:17:43 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration



TIC: BG061658.D\data.ms

(90) Benzo(b)fluoranthene

23.976min (+ 0.059) 2.66 ng/u1

response 94592

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	21.31
125.00	8.80	9.43
0.00	0.00	0.00

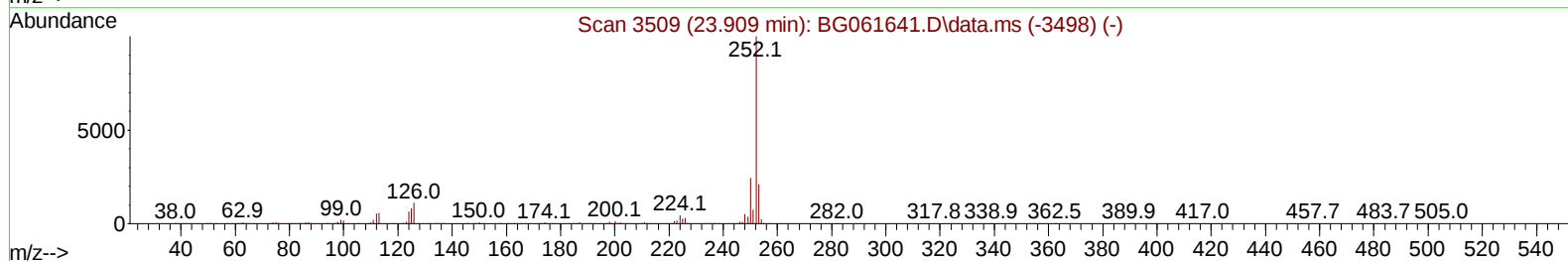
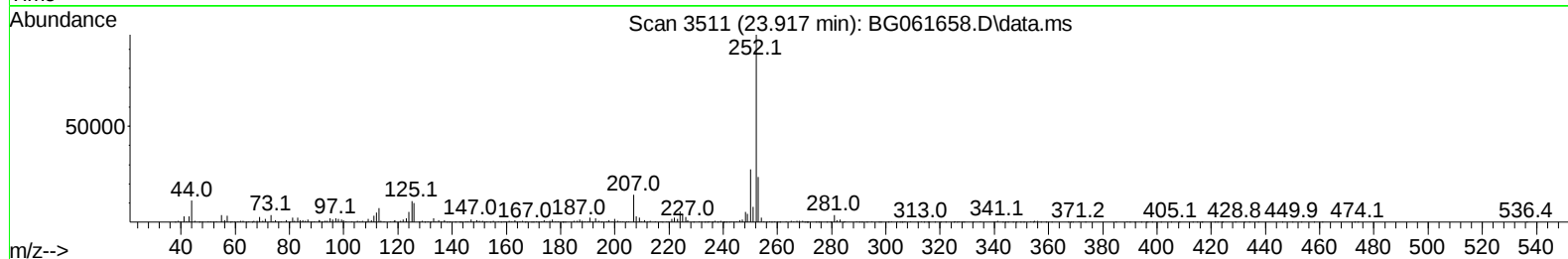
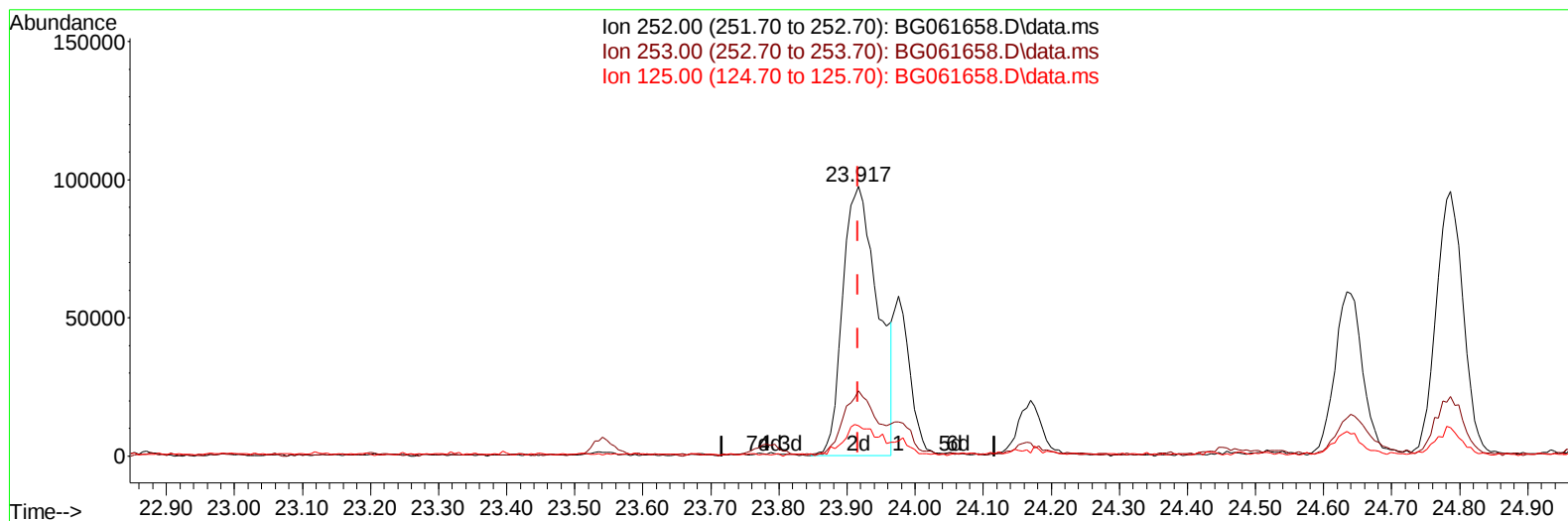
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

(90) Benzo(b)fluoranthene

23.917min (+ 0.000) 9.82 ng/u1 m

response 349145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	24.28
125.00	8.80	11.17#
0.00	0.00	0.00

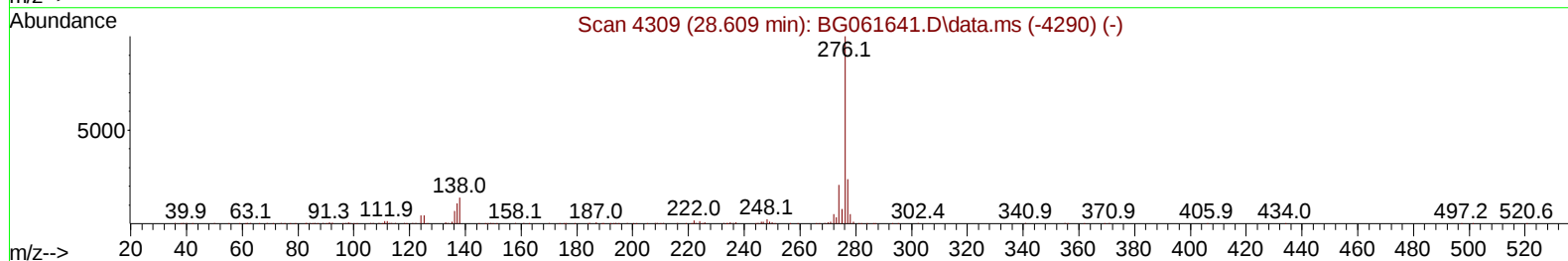
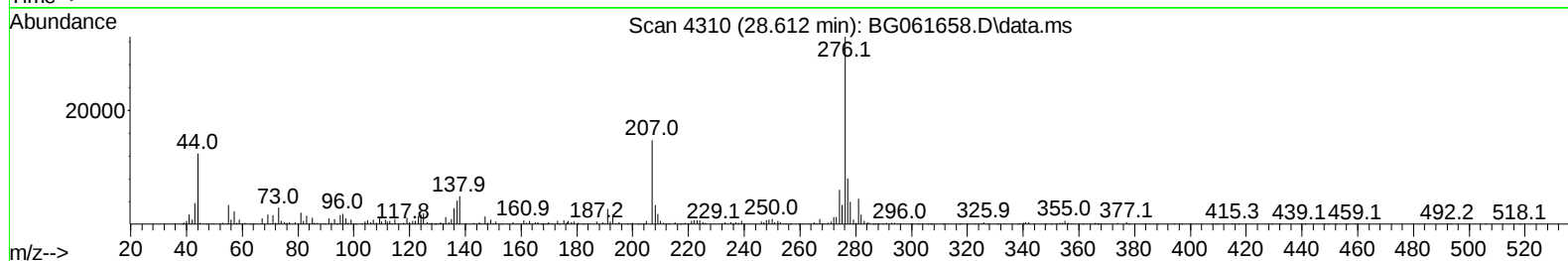
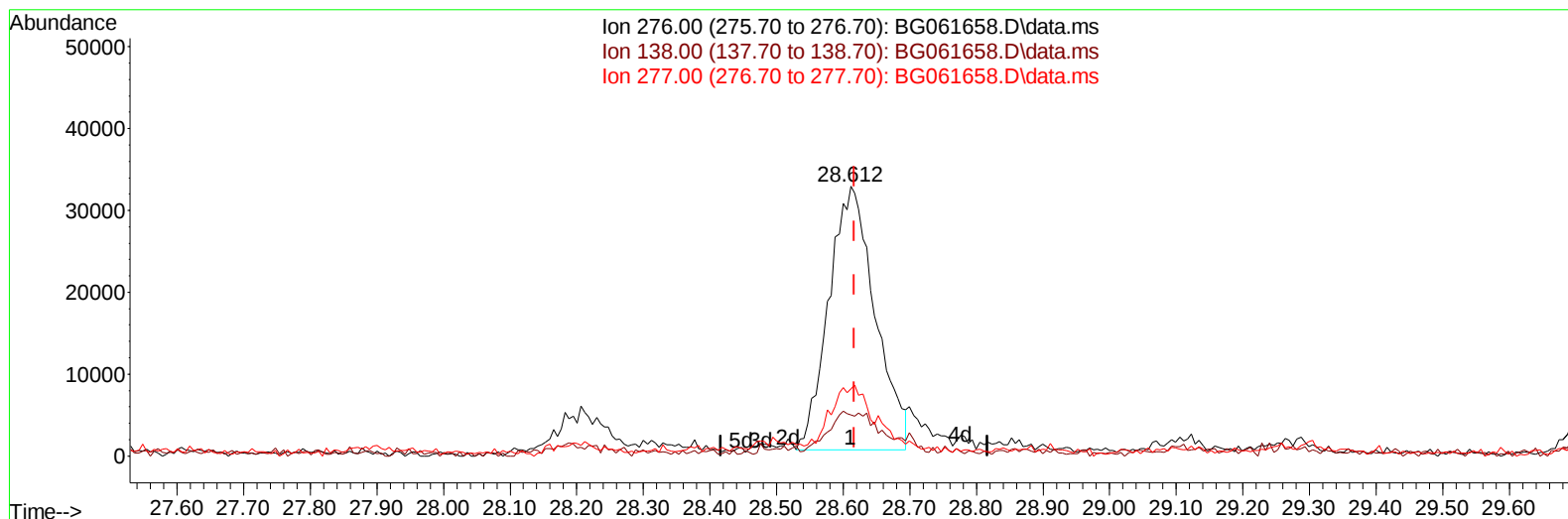
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

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

28.612min (-0.005) 3.64 ng/u1

response 155450

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.33
277.00	24.60	24.87
0.00	0.00	0.00

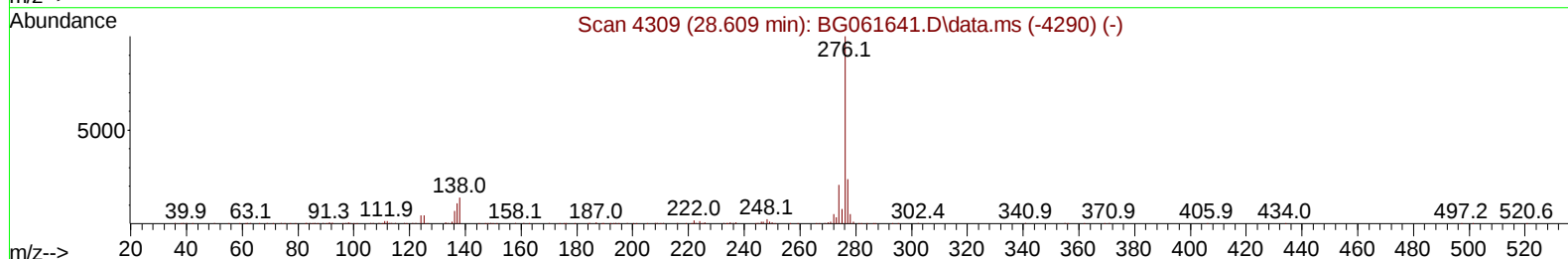
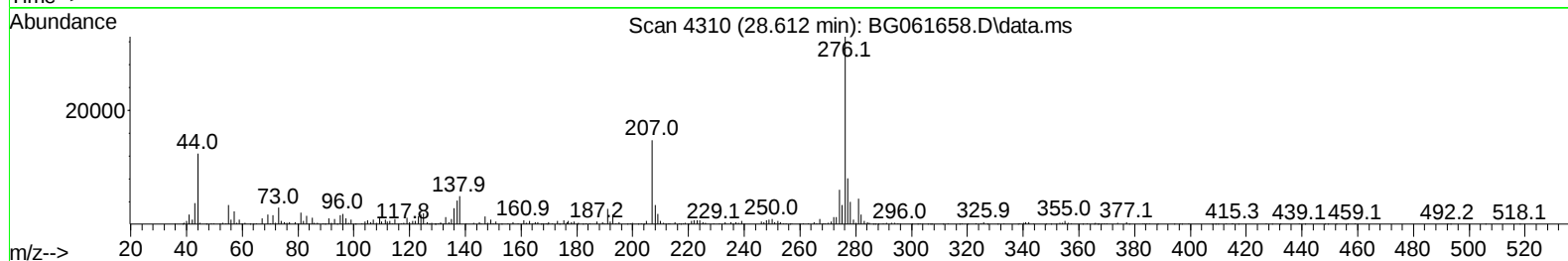
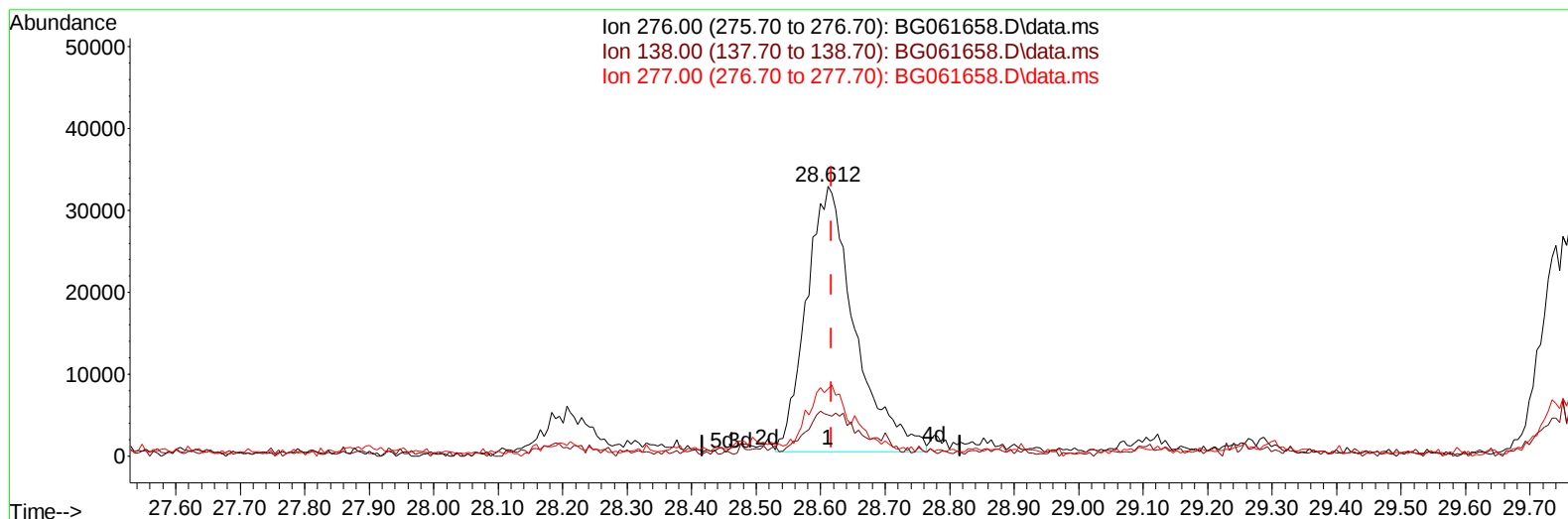
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

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

28.612min (-0.005) 3.99 ng/u1 m

response 169996

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.33
277.00	24.60	24.87
0.00	0.00	0.00

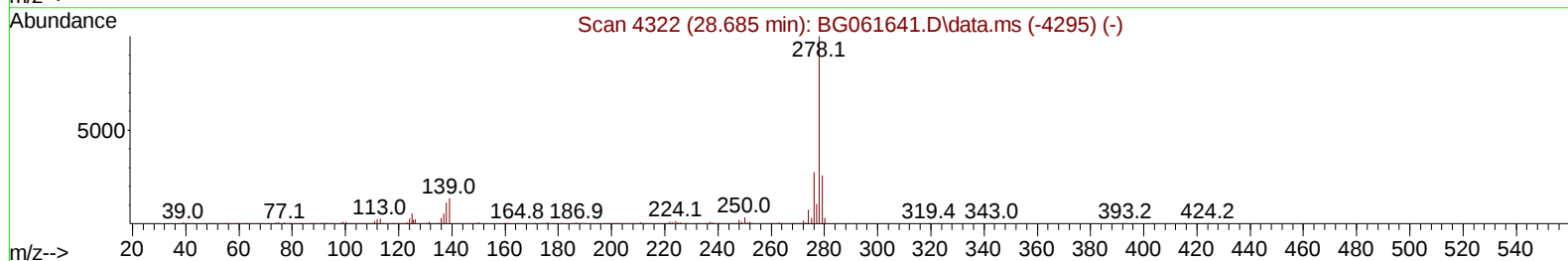
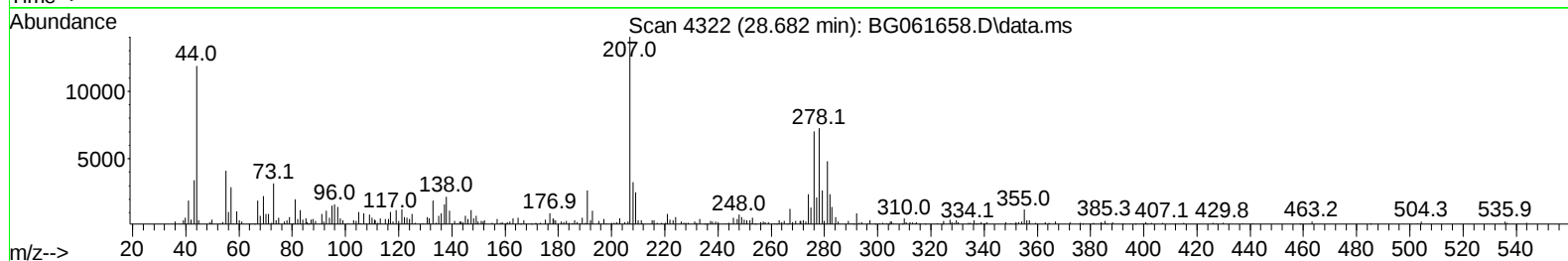
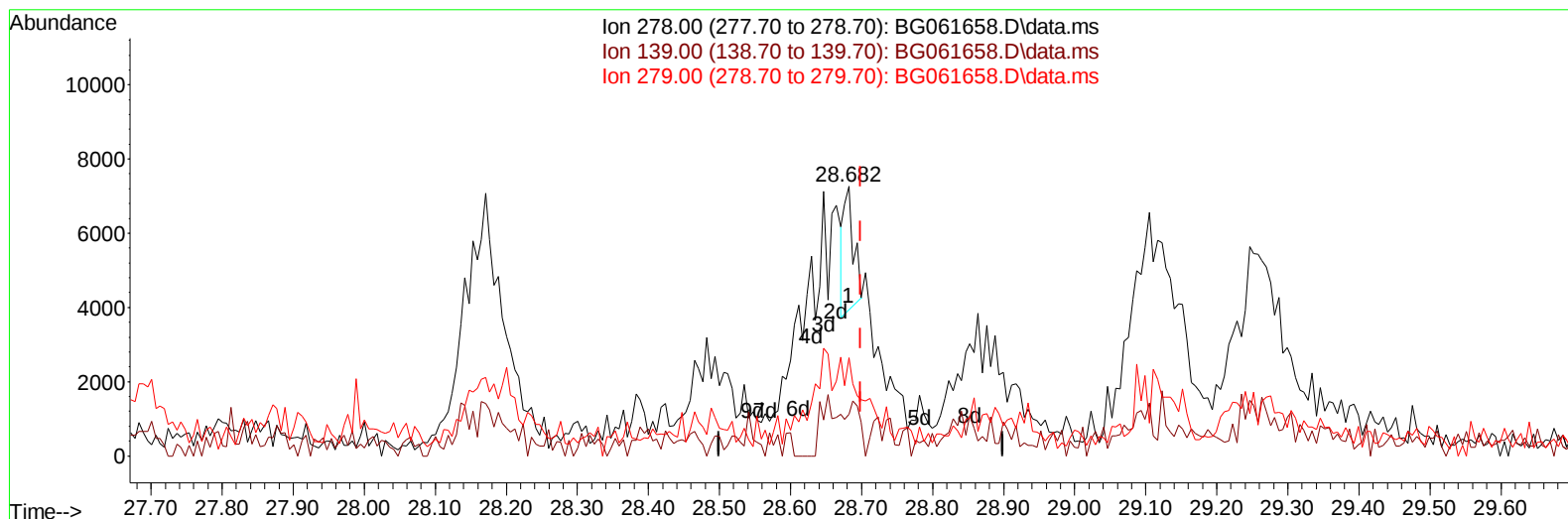
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:48:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

(95) Dibenzo(a,h)anthracene

28.682min (-0.017) 0.09 ng/u1

response 3259

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.58#
279.00	23.30	36.43#
0.00	0.00	0.00

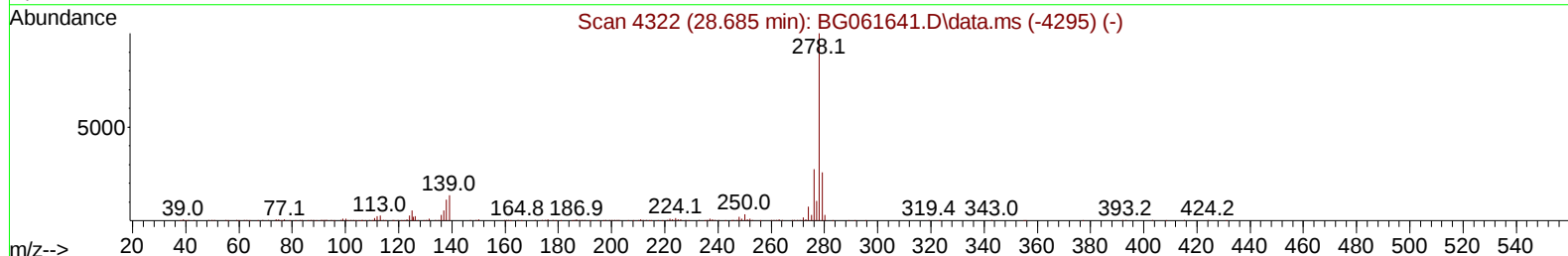
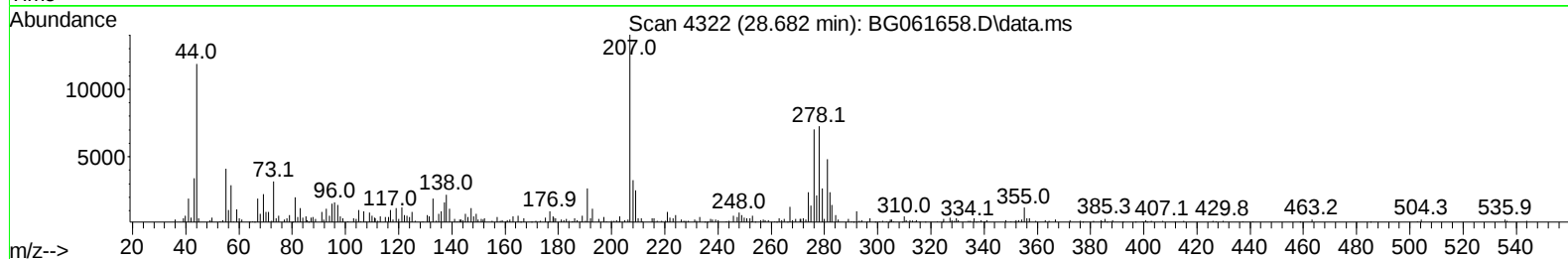
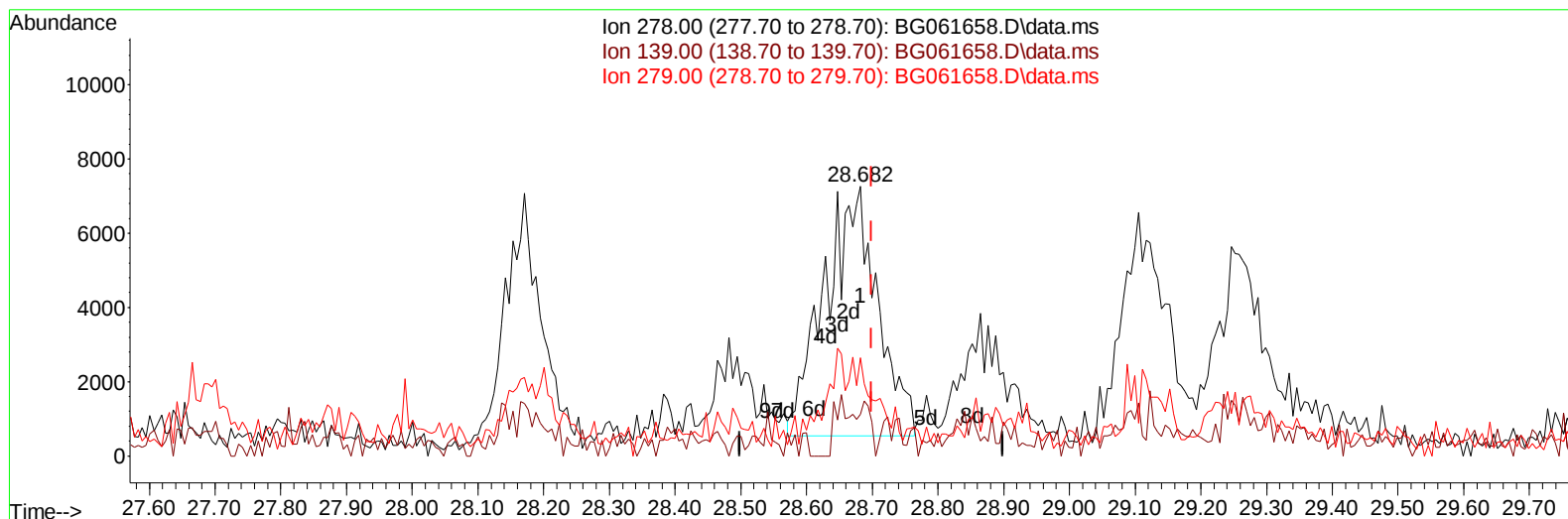
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:48:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

(95) Dibenzo(a,h)anthracene

28.682min (-0.017) 1.06 ng/ul m

response 37663

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.58#
279.00	23.30	36.43#
0.00	0.00	0.00

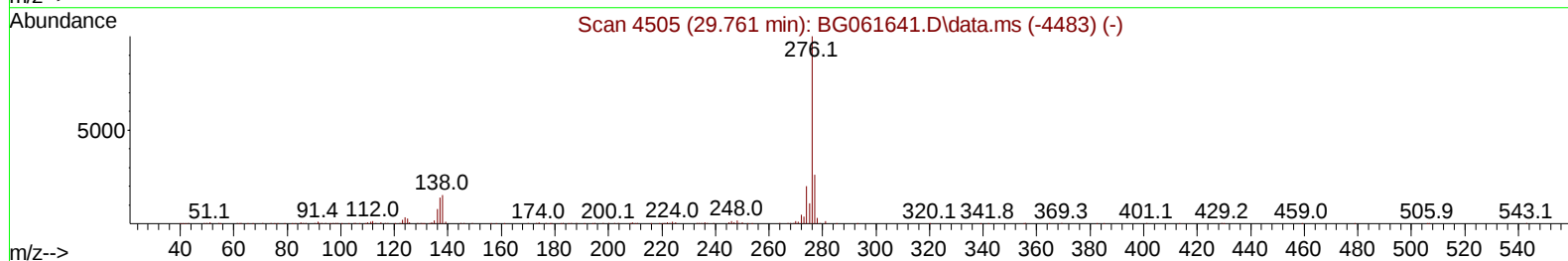
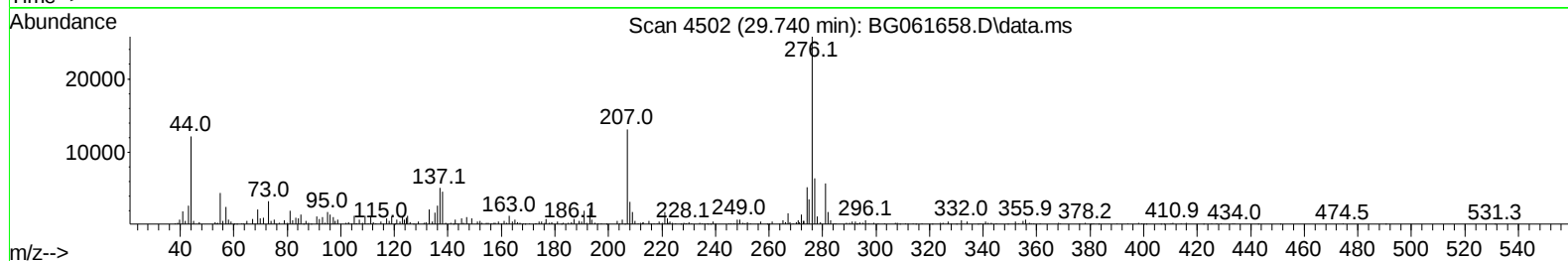
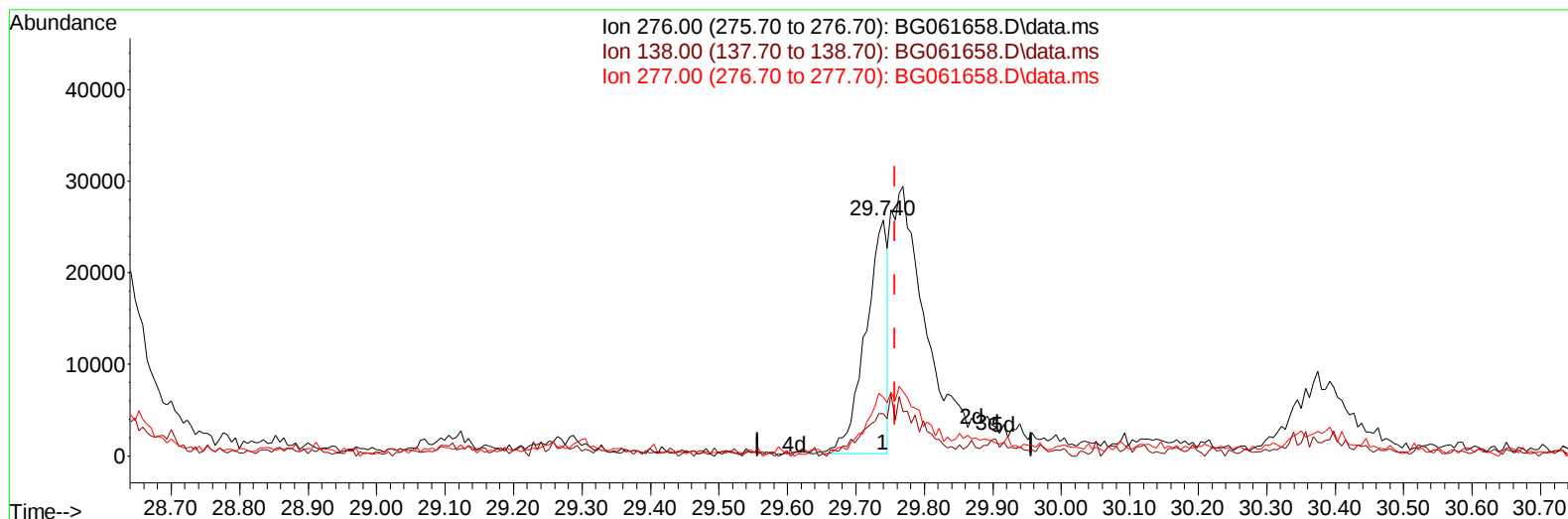
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:49:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

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

29.740min (-0.017) 1.67 ng/u1

response 57327

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.92
277.00	23.20	25.00
0.00	0.00	0.00

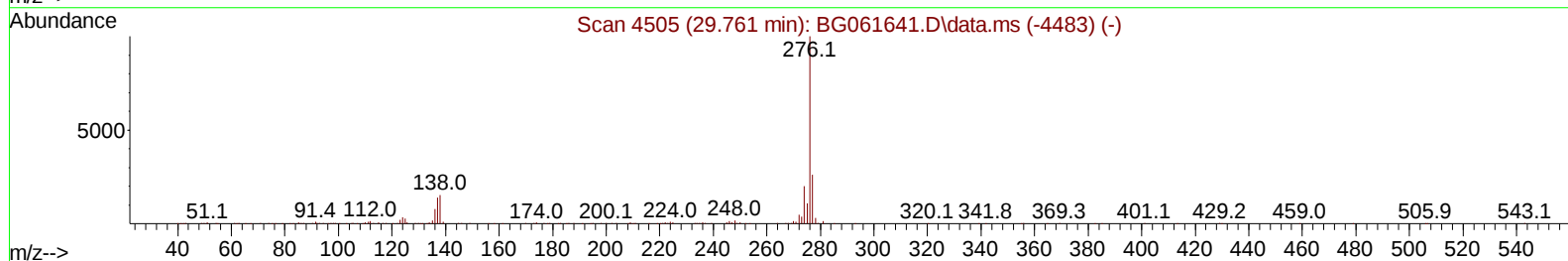
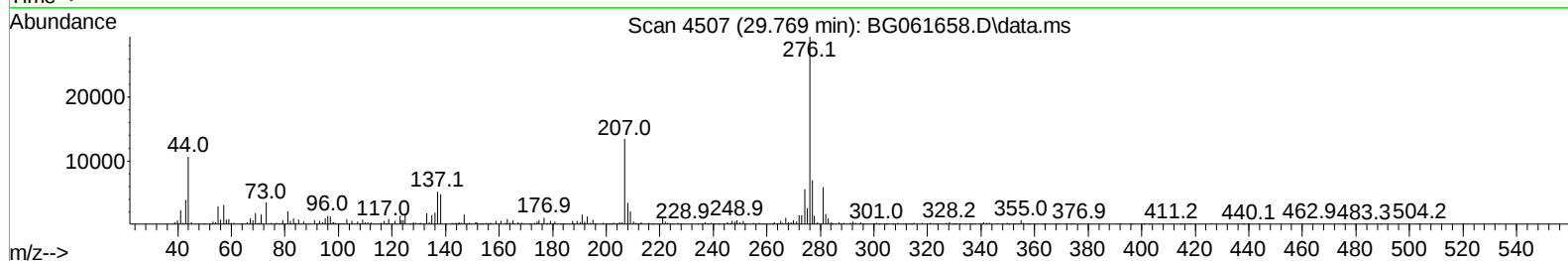
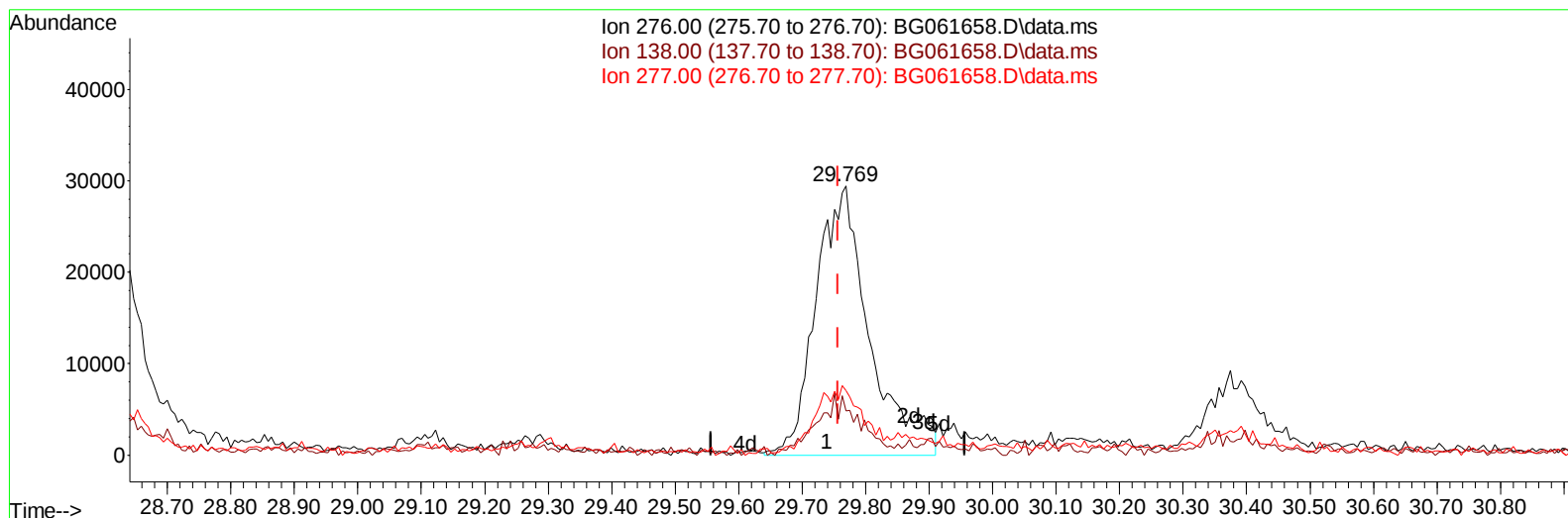
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:49:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Supervised By :mohammad ahmed 06/24/2024



TIC: BG061658.D\data.ms

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

29.769min (+ 0.012) 5.02 ng/u1 m

response 172646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.48
277.00	23.20	23.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061658.D
 Acq On : 22 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2776-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:49:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152		74896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136		363620	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164		254538	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188		565259	20.000	ng/ul	0.00
79) Chrysene-d12	21.708	240		485400	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264		591500	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.470	96		8078	3.896	ng/uL	0.00
4) Pyridine-d5	3.888	84		114265	18.229	ng/ul	0.00
7) Phenol-d5	7.219	99		173075	21.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67		99923	19.715	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132		118894	21.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113		134055	21.328	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128		62449	25.294	ng/ul	0.01
24) 2-Nitrophenol-d4	9.963	143		68953	27.575	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165		135143	22.824	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131		179124	19.981	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166		432474	22.079	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160		511627	23.834	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143		71695	21.312	ng/ul	0.00
60) Fluorene-d10	15.691	176		387832	22.617	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200		42506	17.586	ng/ul	0.00
73) Anthracene-d10	17.542	188		596297	23.111	ng/ul	0.00
81) Pyrene-d10	19.822	212		664706	24.516	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264		678067	24.002	ng/ul	0.00
Target Compounds							
						Qvalue	
52) Acenaphthene	14.769	153		36457	2.197	ng/ul	97
56) Dibenzofuran	15.098	168		27249	1.173	ng/ul	89
61) Fluorene	15.750	166		43118	2.244	ng/ul	99
72) Phenanthrene	17.489	178		635339	21.365	ng/ul	98
74) Anthracene	17.577	178		171843	5.651	ng/ul	99
77) Carbazole	17.842	167		69786	2.703	ng/ul	96
80) Fluoranthene	19.493	202		756684	24.053	ng/ul	98
82) Pyrene	19.851	202		622511	18.610	ng/ul	99
85) Benzo(a)anthracene	21.690	228		279696	8.209	ng/ul	100
87) Chrysene	21.755	228		255524m	7.926	ng/ul	
90) Benzo(b)fluoranthene	23.917	252		349145m	9.819	ng/ul	
91) Benzo(k)fluoranthene	23.976	252		93043	2.544	ng/ul#	97
93) Benzo(a)pyrene	24.787	252		262641	7.672	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.612	276		169996m	3.985	ng/ul	
95) Dibenzo(a,h)anthracene	28.682	278		37663m	1.062	ng/ul	
96) Benzo(g,h,i)perylene	29.769	276		172646m	5.021	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061658.D
 Acq On : 22 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2776-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 23 00:49:35 2024
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Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

