

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

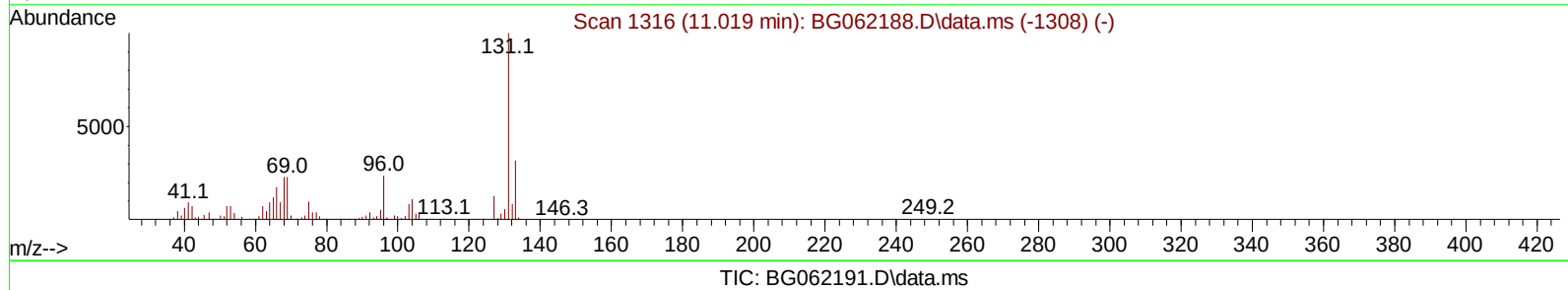
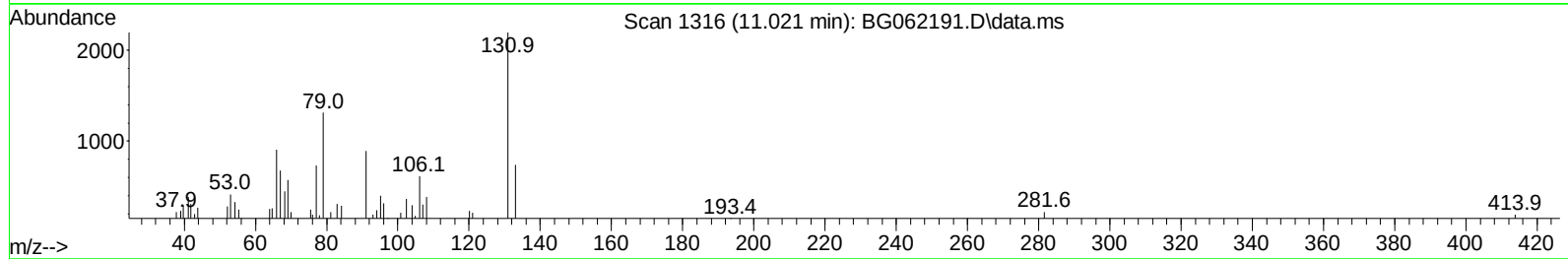
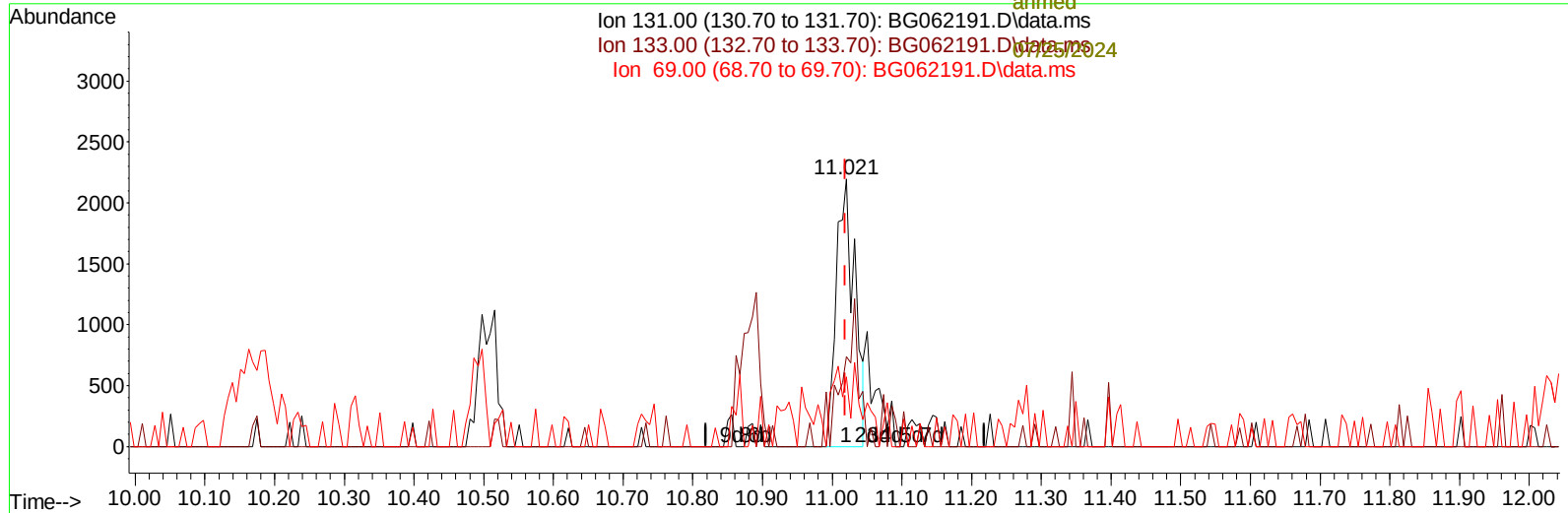
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



(31) 4-Chloroaniline-d4 (S)

11.021min (+ 0.002) 0.80 ng/ul

response 4034

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	33.67
69.00	24.30	26.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

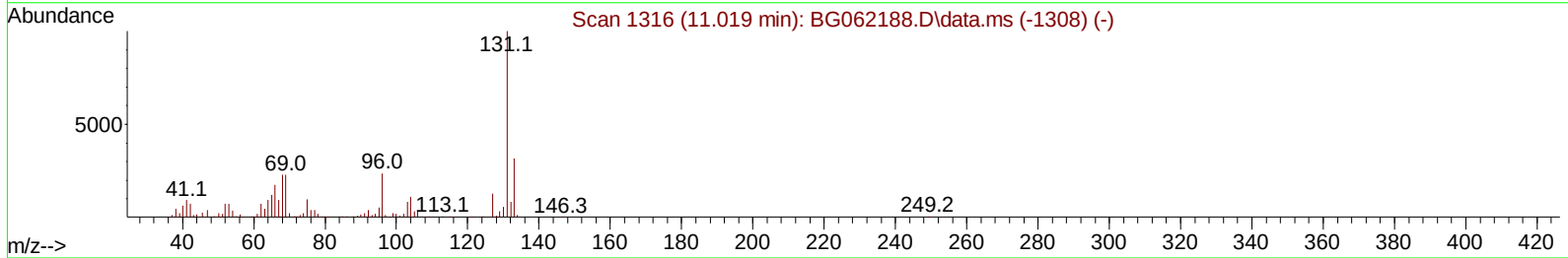
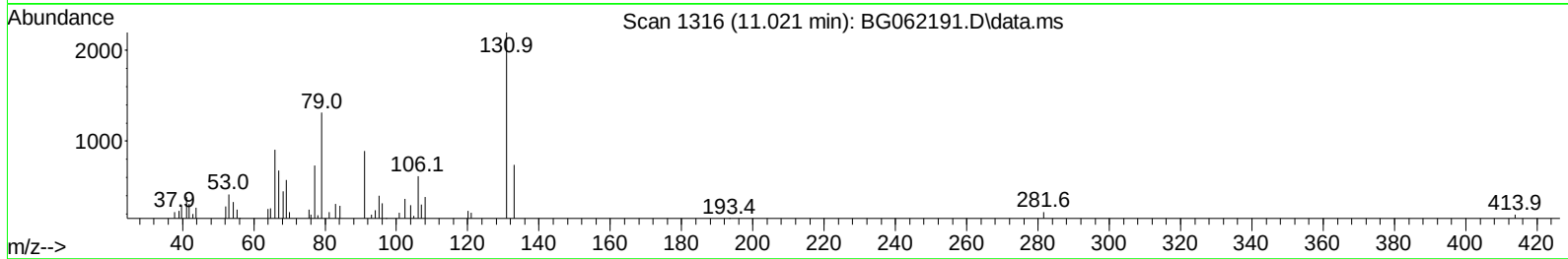
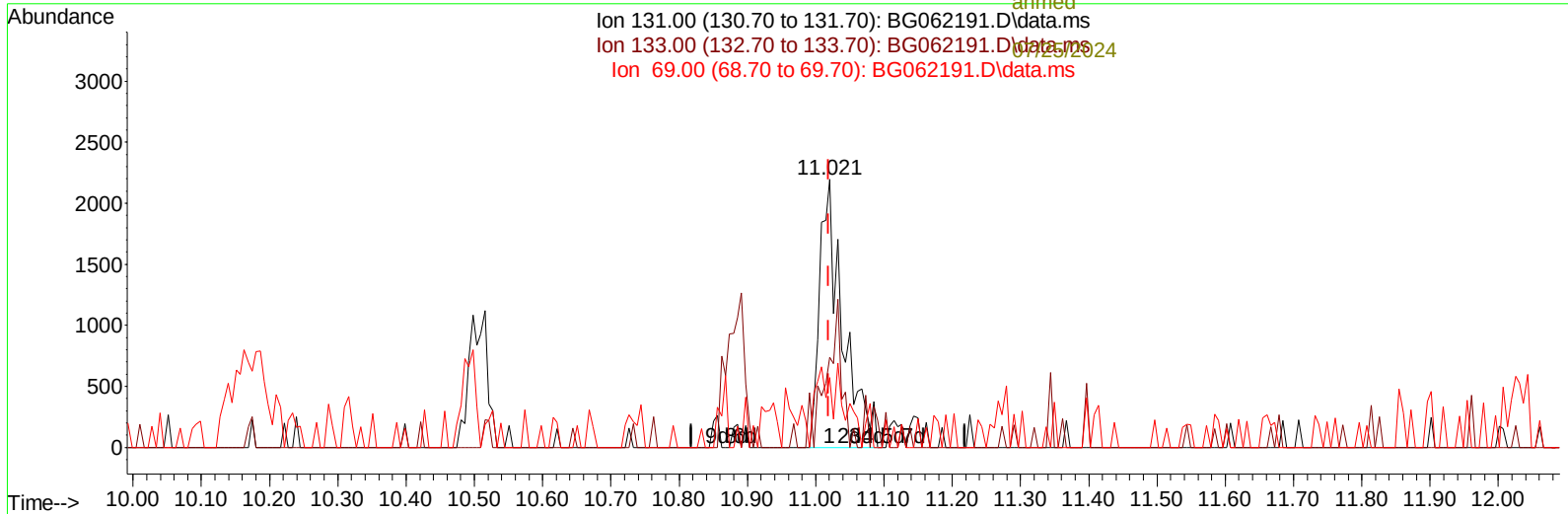
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.021min (+ 0.002) 1.02 ng/ul m

response 5119

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	33.67
69.00	24.30	26.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

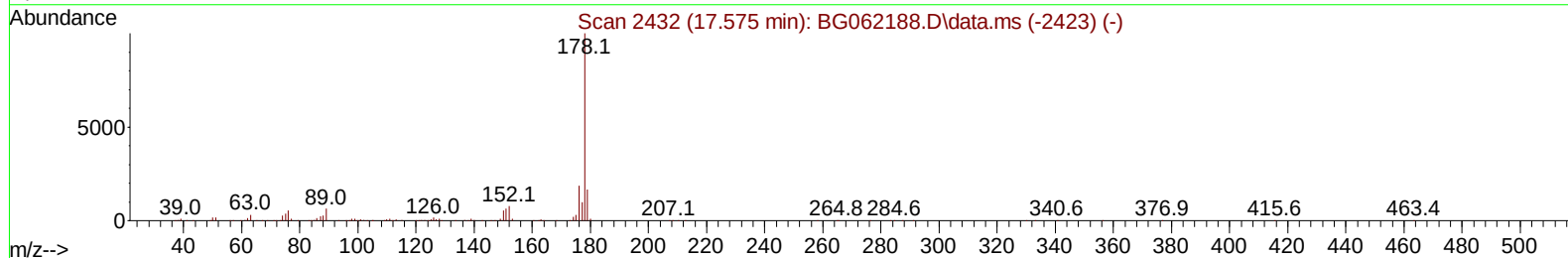
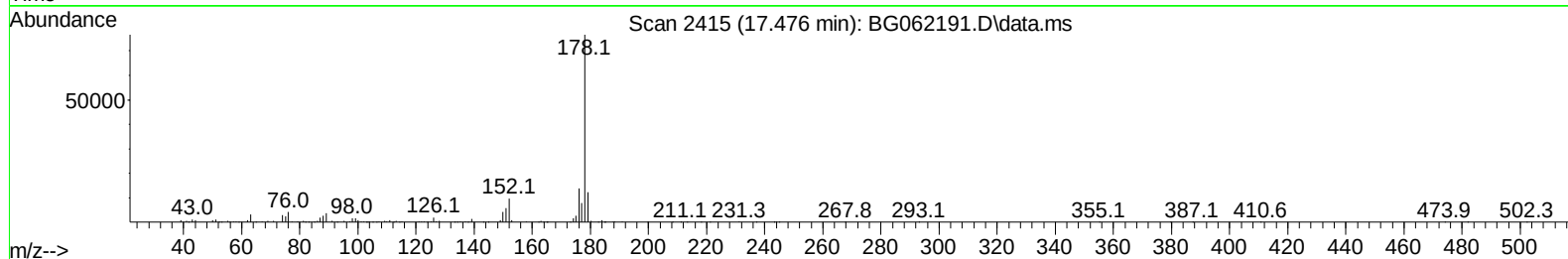
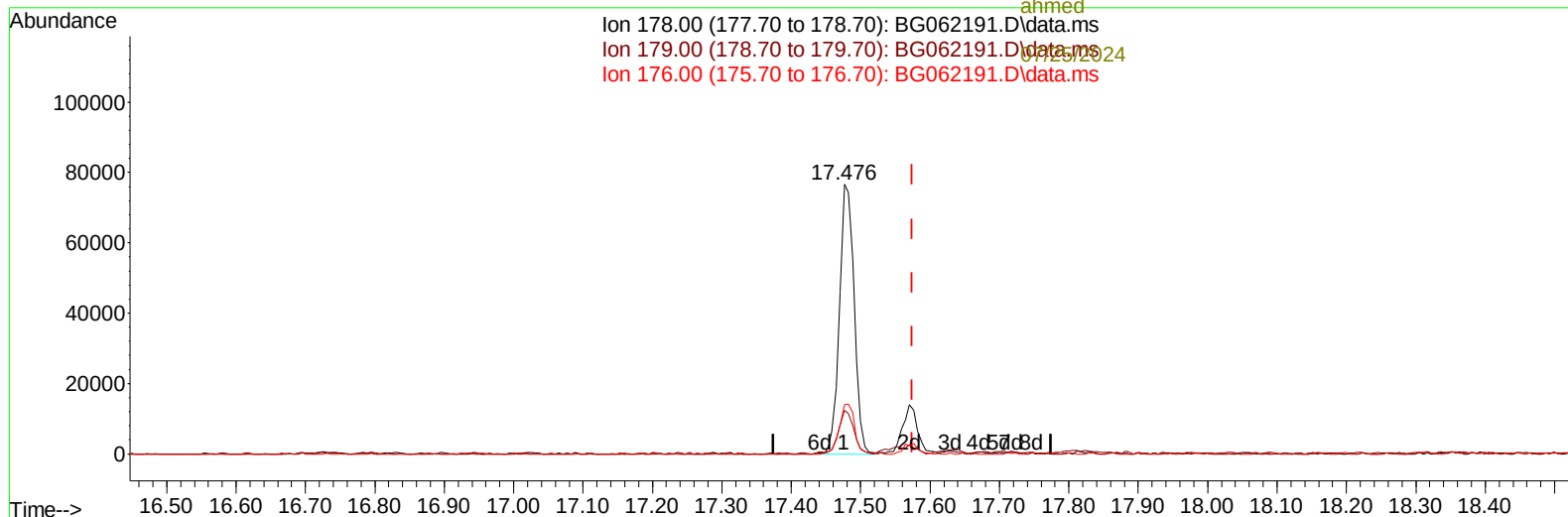
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(74) Anthracene

17.476min (-0.098) 5.60 ng/u1

response 111897

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	16.08
176.00	20.40	18.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

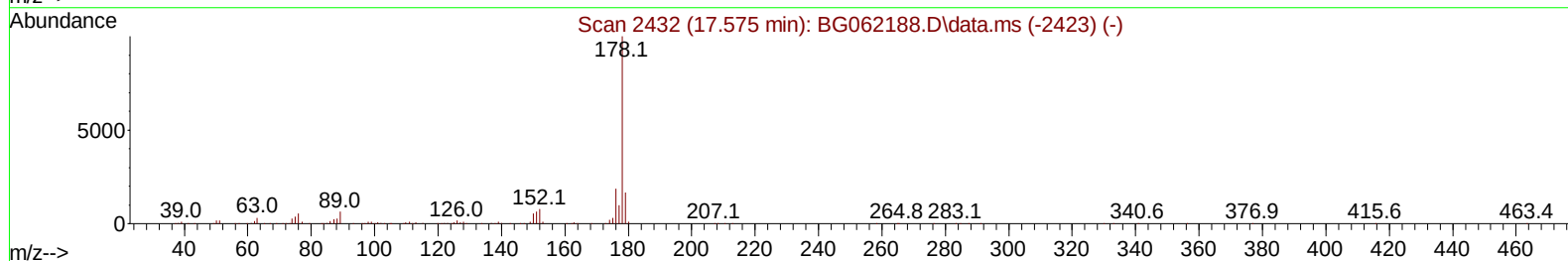
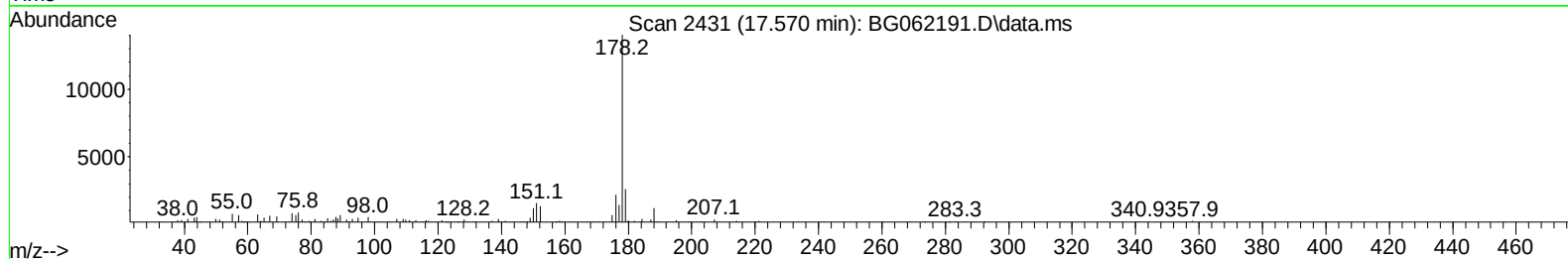
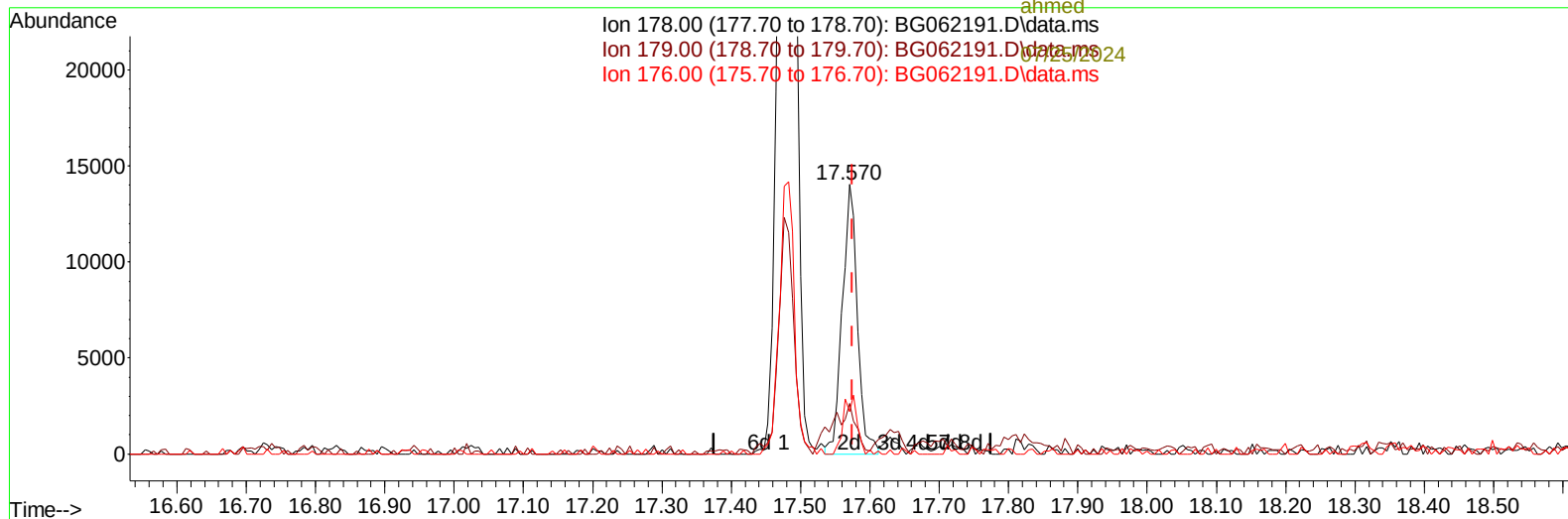
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut
Upadhyay

07/24/2024
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ahmed



TIC: BG062191.D\data.ms

(74) Anthracene

17.570min (-0.004) 1.05 ng/ul m

response 21050

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	18.65
176.00	20.40	15.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

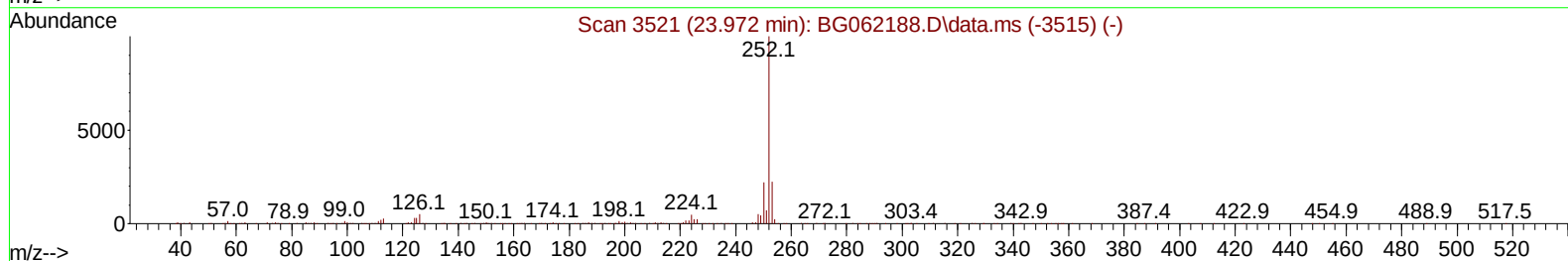
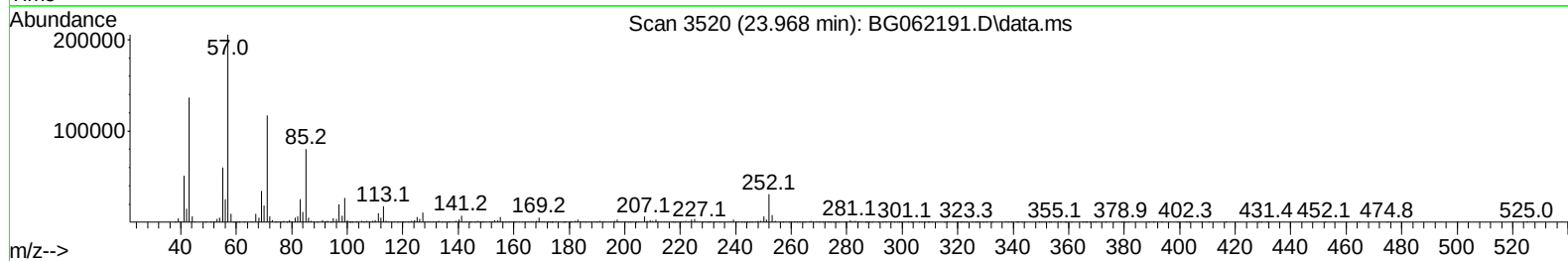
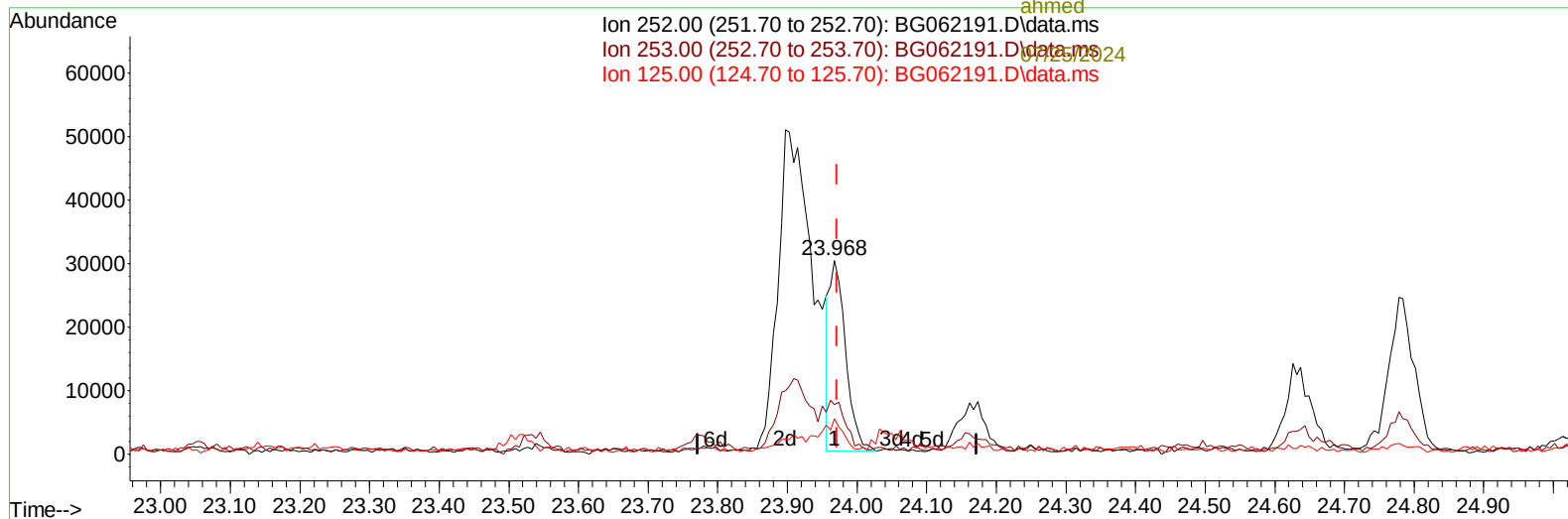
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
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Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.004) 2.01 ng/u1

response 47615

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	25.49
125.00	3.40	18.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

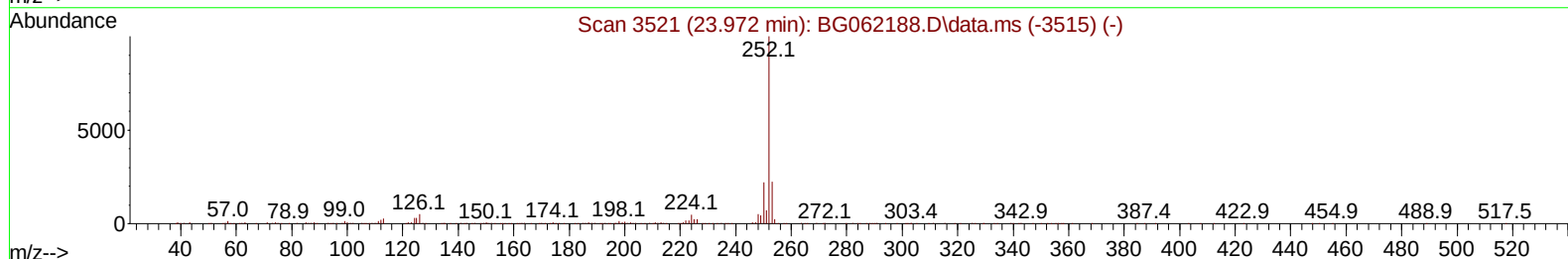
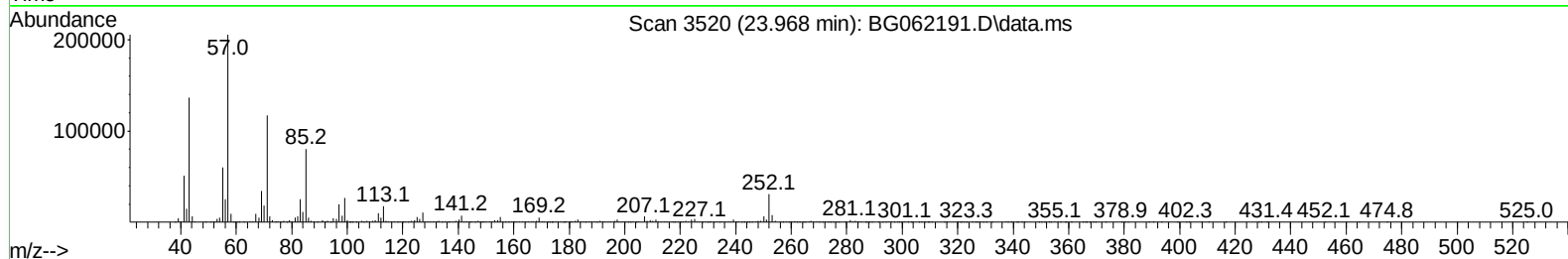
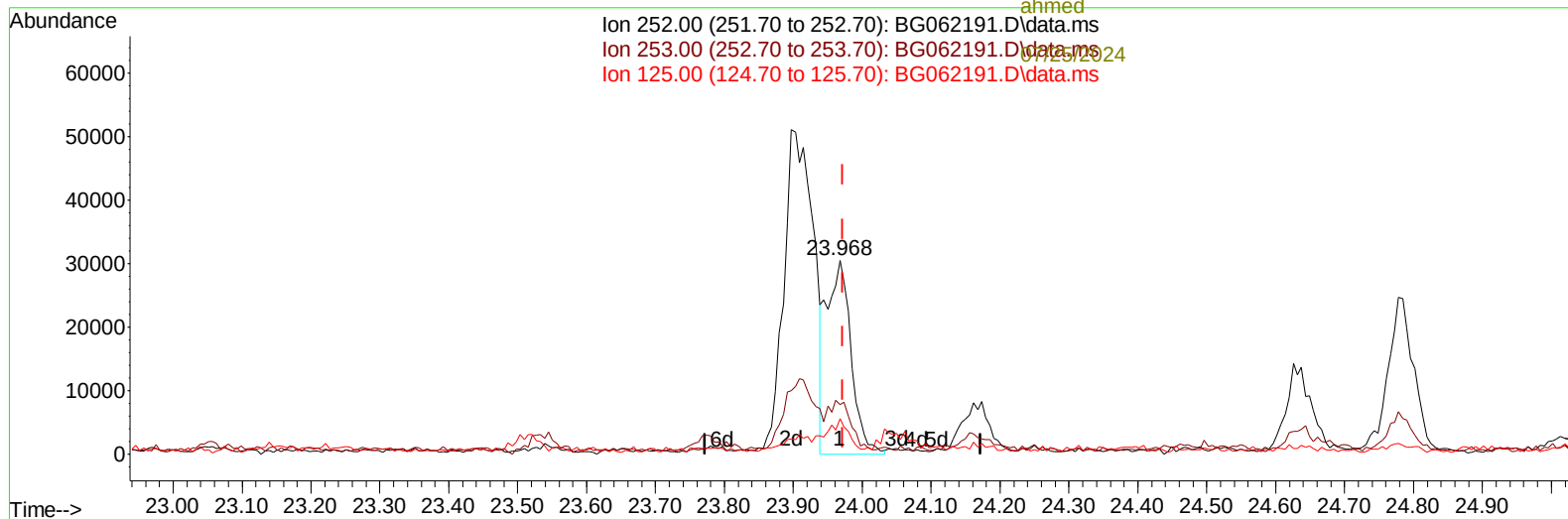
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.004) 3.17 ng/ul m

response 75276

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	25.49
125.00	3.40	18.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

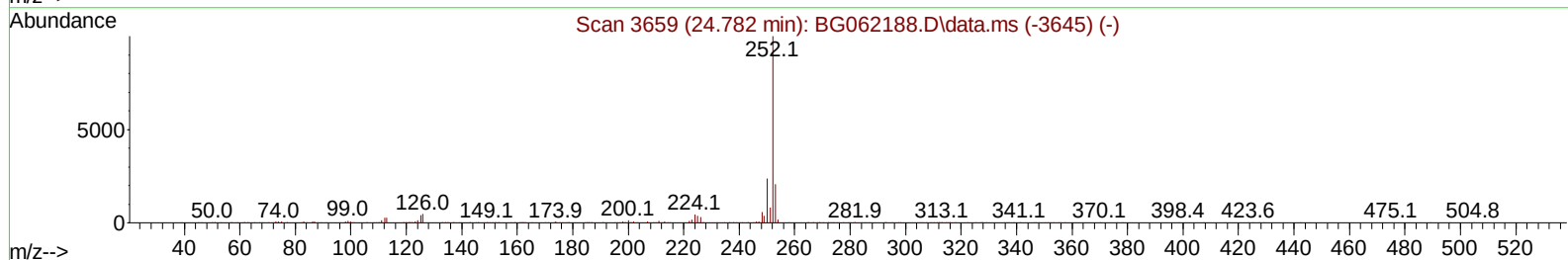
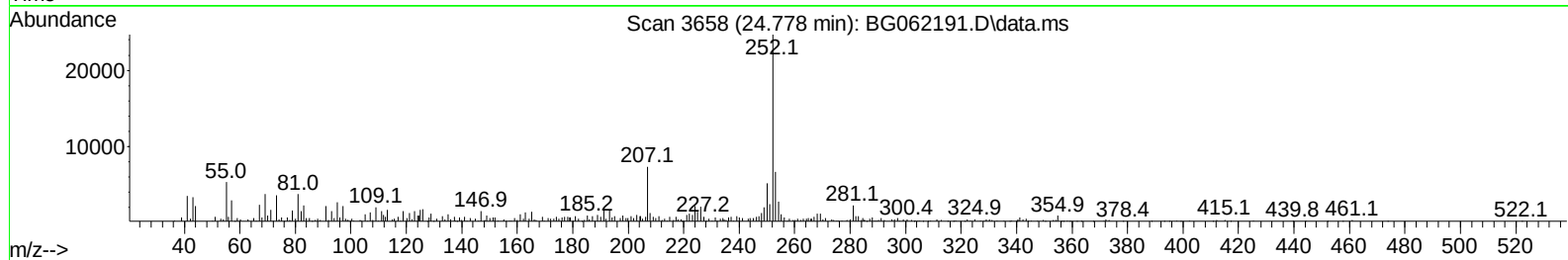
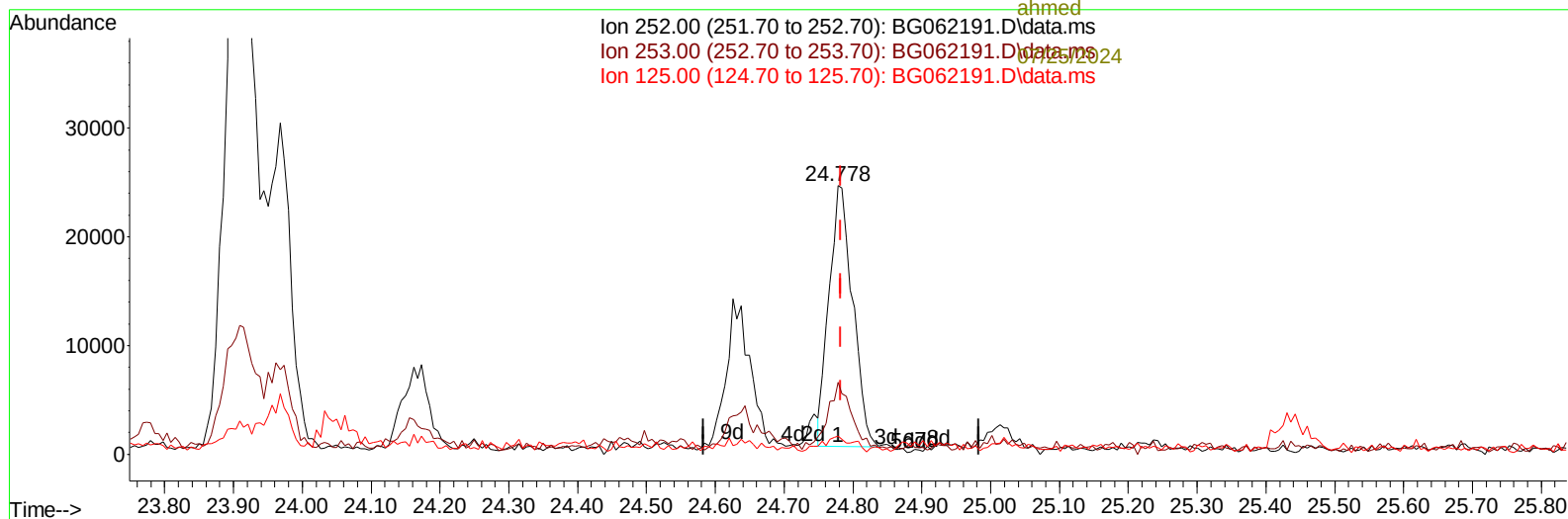
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
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ahmed



TIC: BG062191.D\data.ms

(93) Benzo(a)pyrene (C)

24.778min (-0.004) 2.57 ng/u1

response 57279

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	26.78#
125.00	3.70	6.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK9

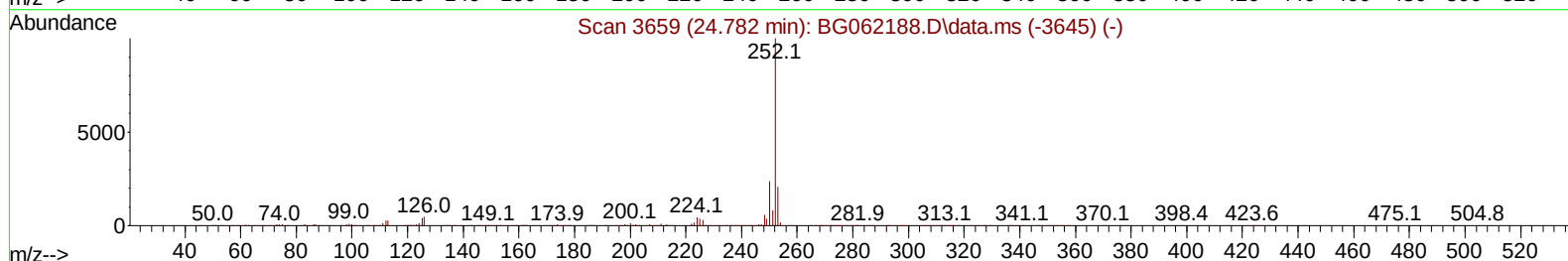
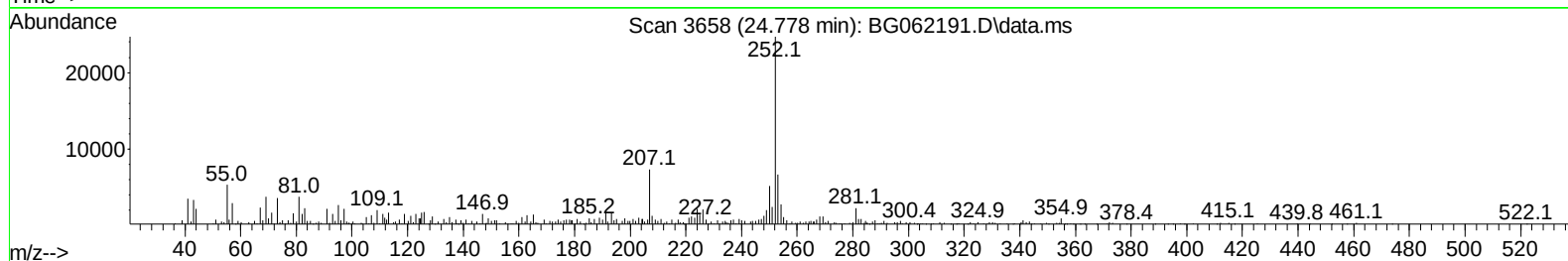
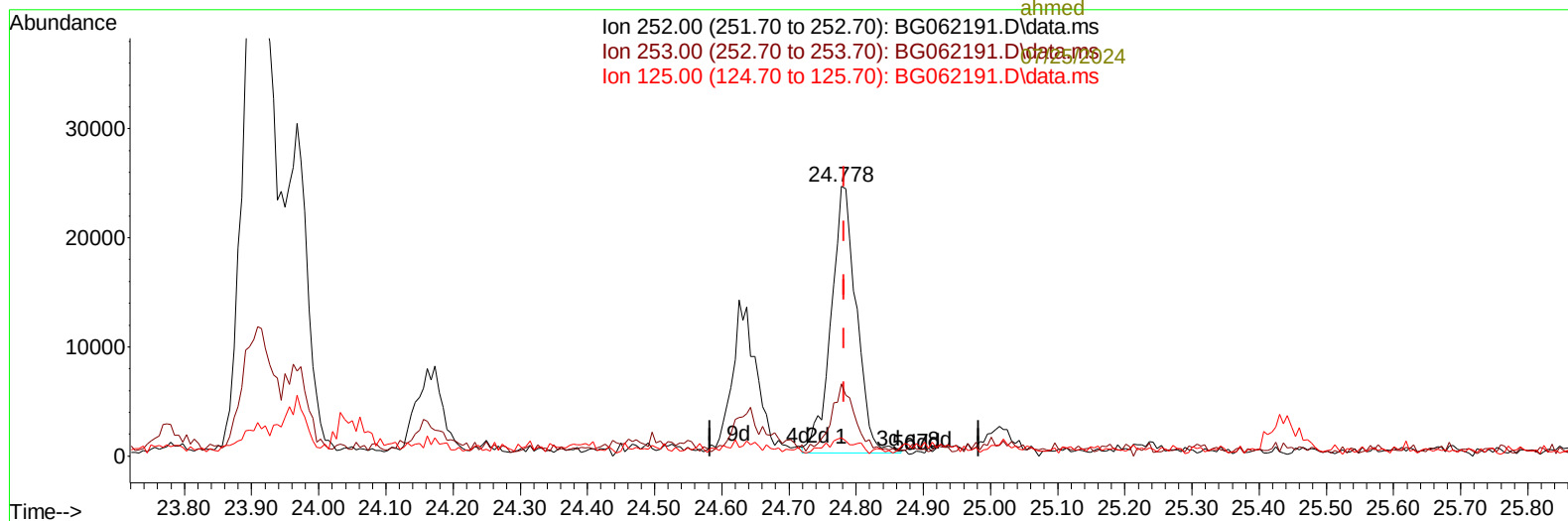
Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed

Ion 252.00 (251.70 to 252.70): BG062191.D\data.ms
Ion 253.00 (252.70 to 253.70): BG062191.D\data.ms
Ion 125.00 (124.70 to 125.70): BG062191.D\data.ms



TIC: BG062191.D\data.ms

(93) Benzo(a)pyrene (C)

24.778min (-0.004) 2.88 ng/u l m

response 64203

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	26.78#
125.00	3.70	6.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK9

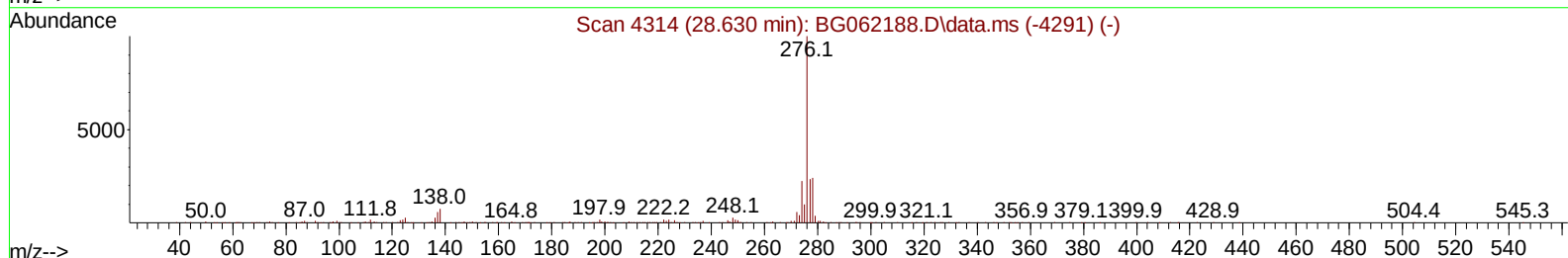
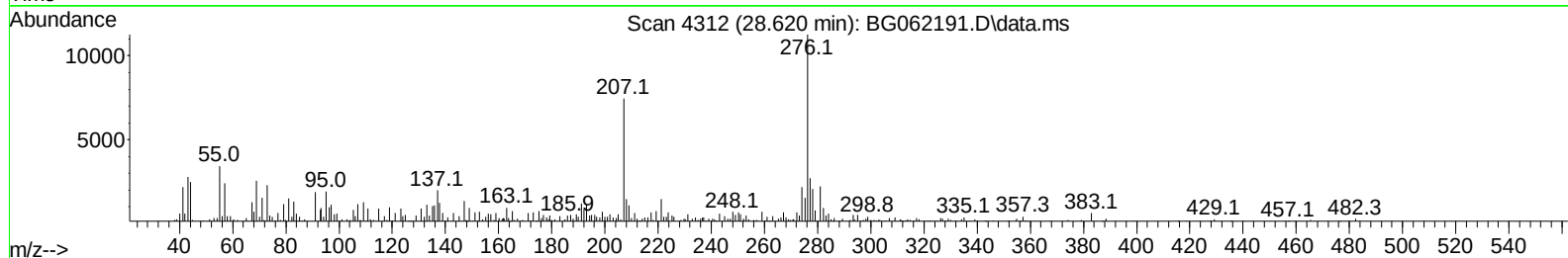
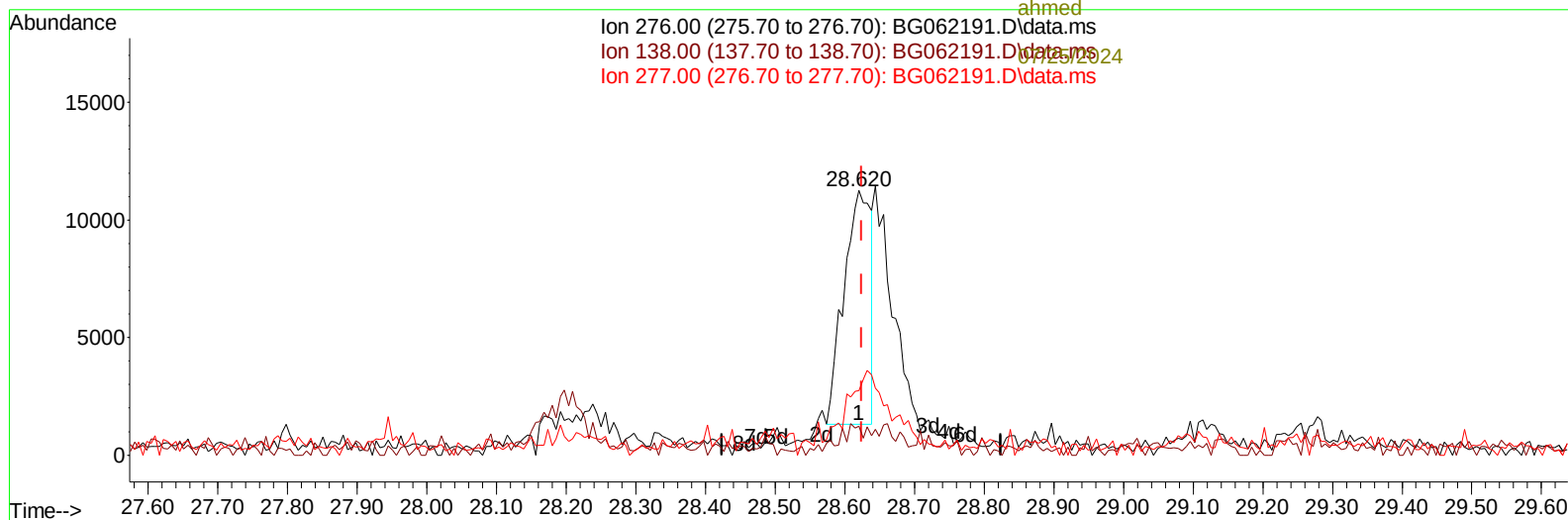
Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed

Ion 276.00 (275.70 to 276.70): BG062191.D\data.ms
Ion 138.00 (137.70 to 138.70): BG062191.D\data.ms
Ion 277.00 (276.70 to 277.70): BG062191.D\data.ms



TIC: BG062191.D\data.ms

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

28.620min (-0.004) 1.04 ng/u1

response 26505

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	10.99#
277.00	21.80	24.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK9

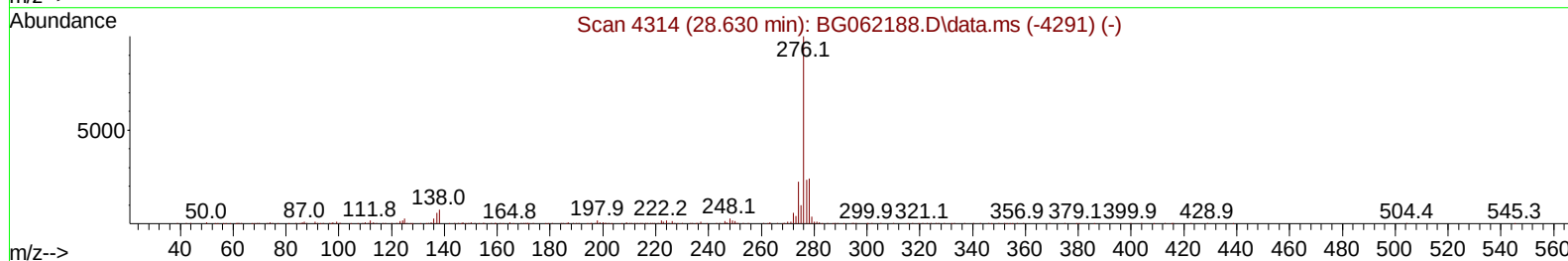
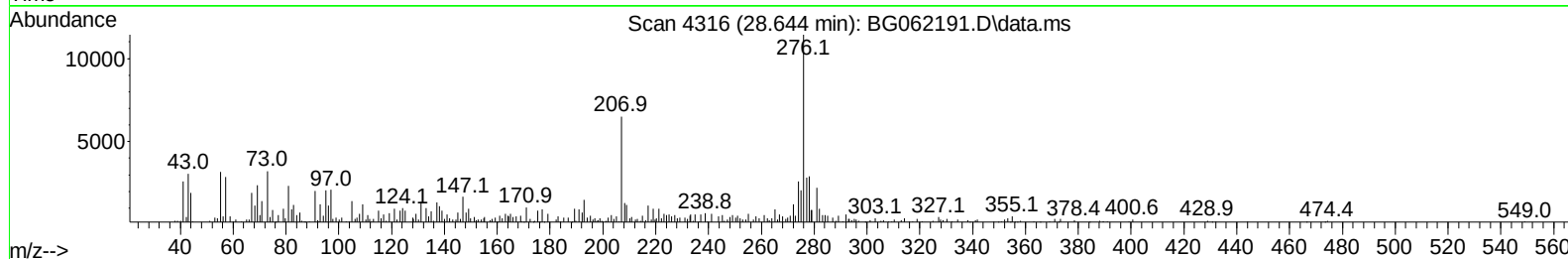
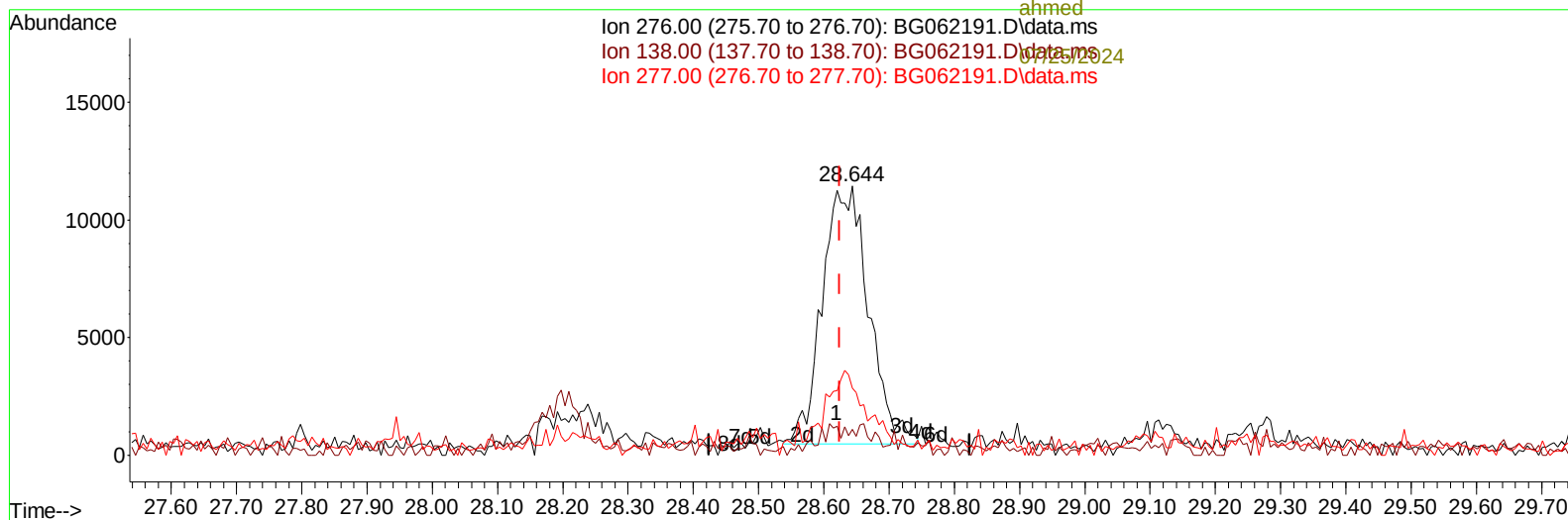
Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed

Ion 276.00 (275.70 to 276.70): BG062191.D\data.ms
Ion 138.00 (137.70 to 138.70): BG062191.D\data.ms
Ion 277.00 (276.70 to 277.70): BG062191.D\data.ms



TIC: BG062191.D\data.ms

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

28.644min (+ 0.019) 2.11 ng/ul m

response 54036

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	9.54#
277.00	21.80	24.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

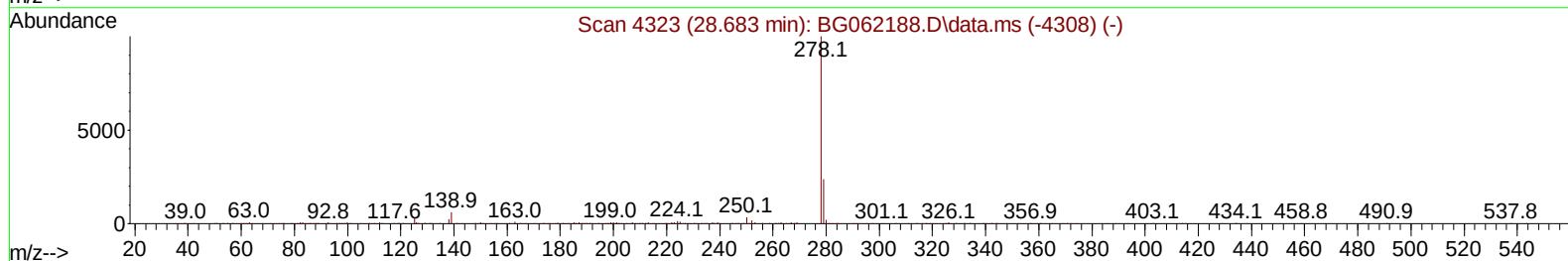
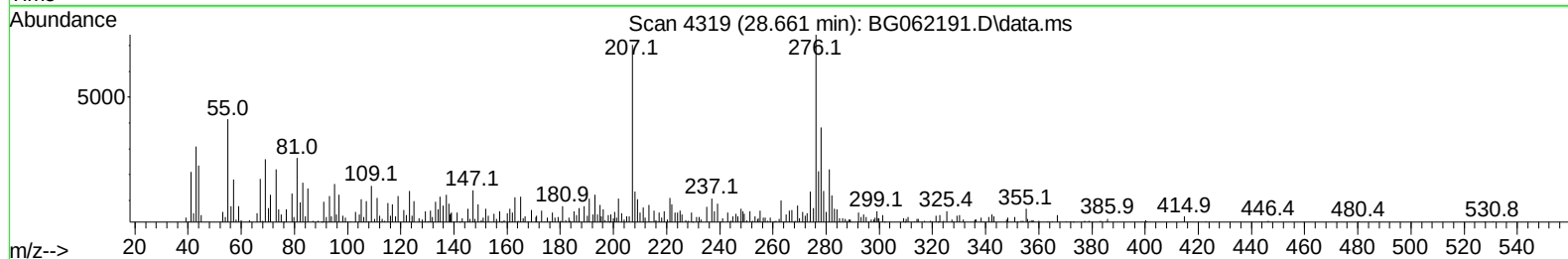
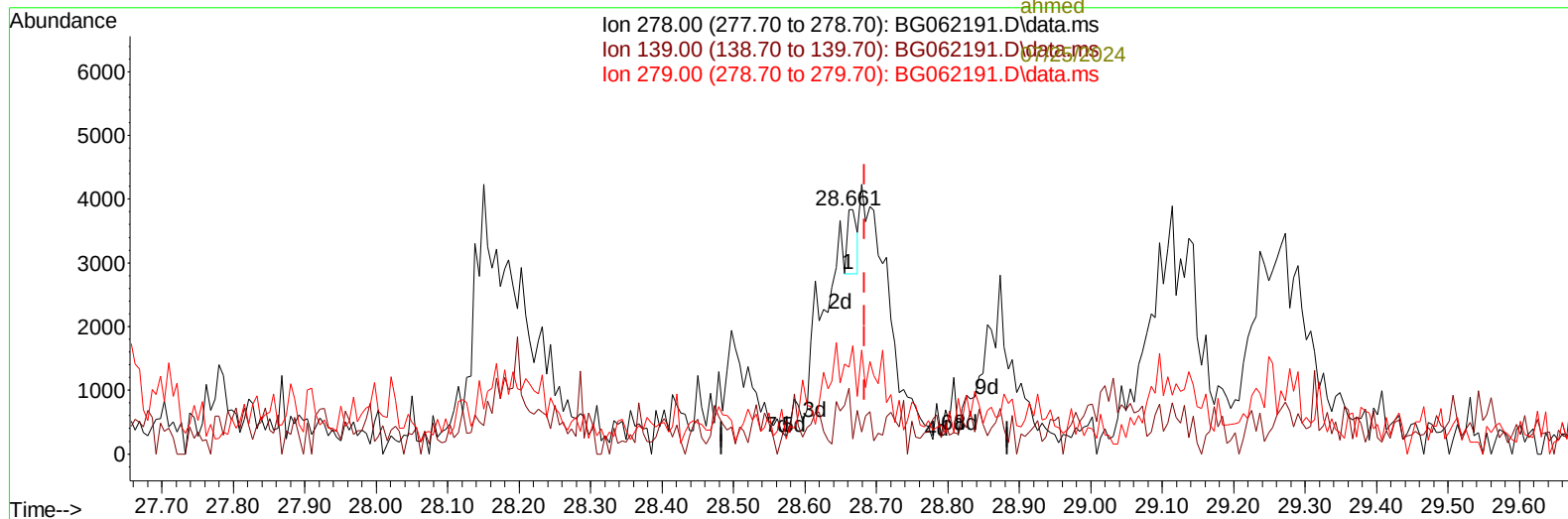
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(95) Dibenzo(a,h)anthracene

28.661min (-0.022) 0.04 ng/u1

response 930

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	26.83#
279.00	23.60	35.42#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

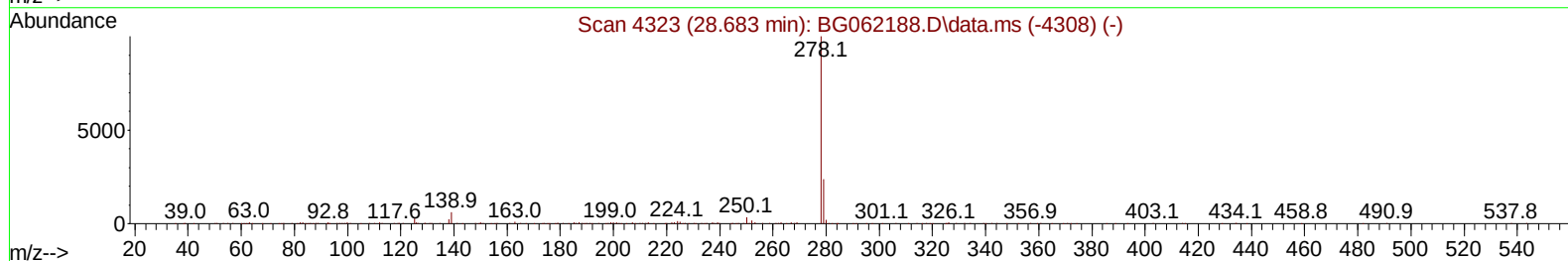
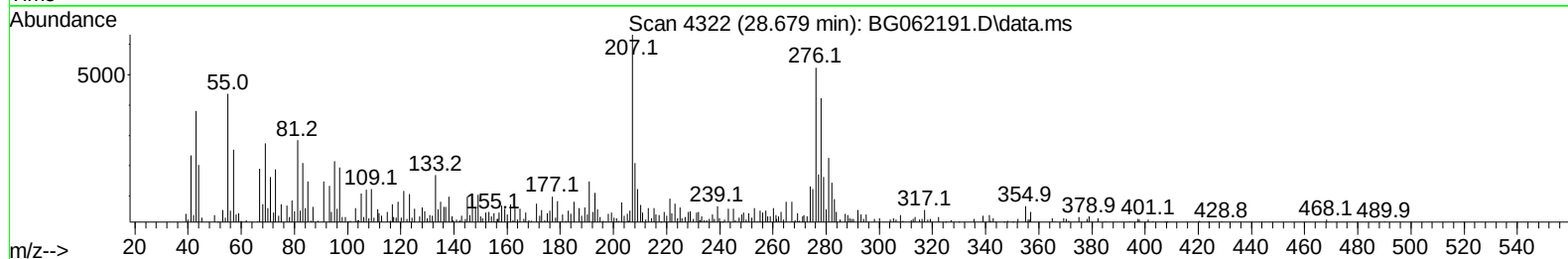
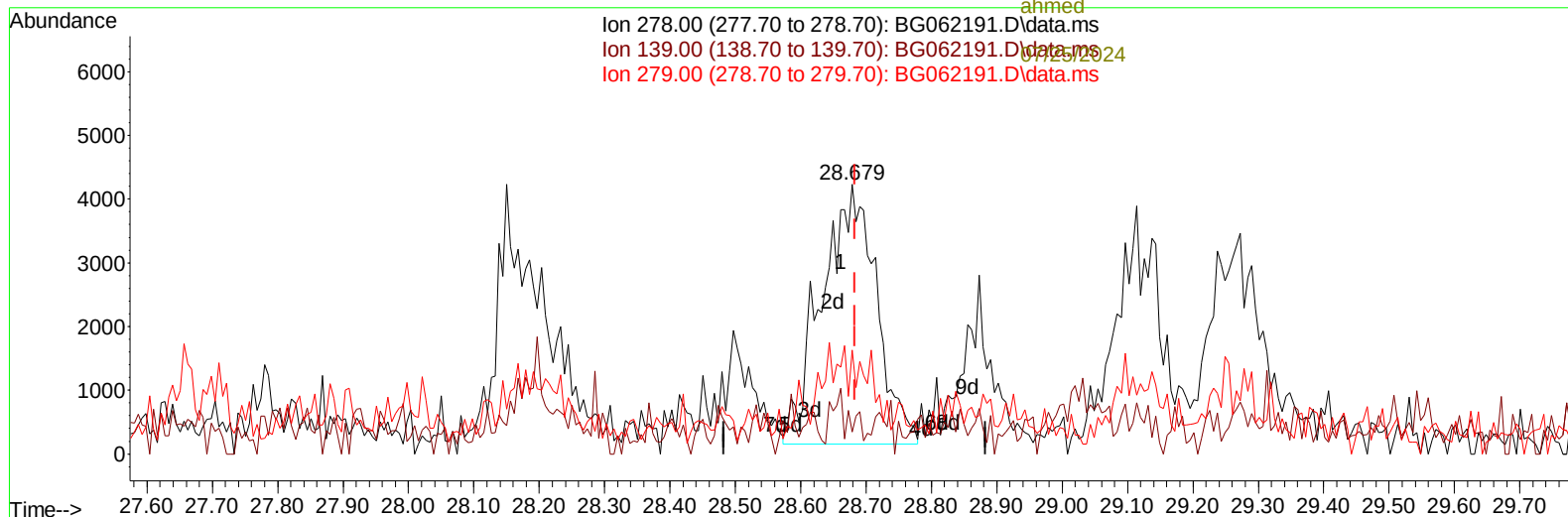
Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

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Upadhyay

07/24/2024
Supervised By :mohammad
ahmed



TIC: BG062191.D\data.ms

(95) Dibenzo(a,h)anthracene

28.679min (-0.004) 1.11 ng/u ℓ m

response 23564

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	8.04#
279.00	23.60	38.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062191.D
 Acq On : 23 Jul 2024 18:36
 Operator : MA/JU
 Sample : P3263-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK9

Manual IntegrationsAPPROVED

Quant Time: Jul 23 23:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
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 Upadhyay

07/24/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----07/25/2024							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152		48227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.880	136		208293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164		169084	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188		403364	20.000	ng/ul	0.00
79) Chrysene-d12	21.700	240		366406	20.000	ng/ul	0.00
88) Perylene-d12	24.937	264		385070	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.454	96		2699	2.613	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.237	99		78642	16.564	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67		43851	16.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132		50947	17.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113		60324	16.683	ng/ul	0.00
21) Nitrobenzene-d5	9.229	128		25710	15.493	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.957	143		32460	16.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165		72538	17.348	ng/ul	0.00
31) 4-Chloroaniline-d4	11.021	131		5119m	1.018	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166		244191	17.038	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160		258505	17.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143		25080	14.522	ng/ul	0.00
60) Fluorene-d10	15.685	176		219649	18.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200		37307	14.554	ng/ul	0.00
73) Anthracene-d10	17.535	188		345750	18.350	ng/ul	0.00
81) Pyrene-d10	19.820	212		358196	17.242	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.708	264		248409	12.905	ng/ul	-0.01
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.208	77		4074	1.634	ng/ul#	73
72) Phenanthrene	17.476	178		111897	5.765	ng/ul	96
74) Anthracene	17.570	178		21050m	1.053	ng/ul	
80) Fluoranthene	19.486	202		245918	10.319	ng/ul	99
82) Pyrene	19.850	202		190437	7.685	ng/ul	99
85) Benzo(a)anthracene	21.683	228		125426	4.877	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.565	149		14749	1.399	ng/ul#	97
87) Chrysene	21.747	228		135671	5.738	ng/ul#	90
90) Benzo(b)fluoranthene	23.897	252		149669	6.291	ng/ul	96
91) Benzo(k)fluoranthene	23.968	252		75276m	3.170	ng/ul	
93) Benzo(a)pyrene	24.778	252		64203m	2.882	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.644	276		54036m	2.111	ng/ul	
95) Dibenzo(a,h)anthracene	28.679	278		23564m	1.110	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut
Upadhyay

07/24/2024
Supervised By :mohammad
ahmed

07/25/2024

Quant Time: Jul 23 23:11:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

