

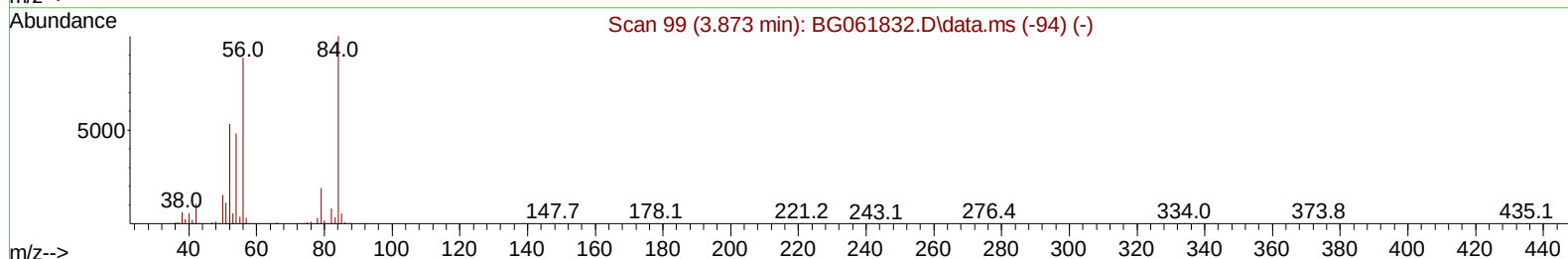
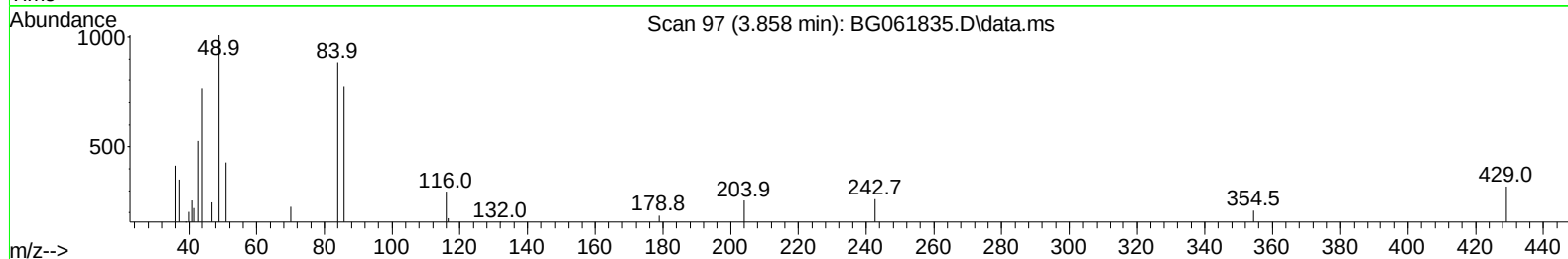
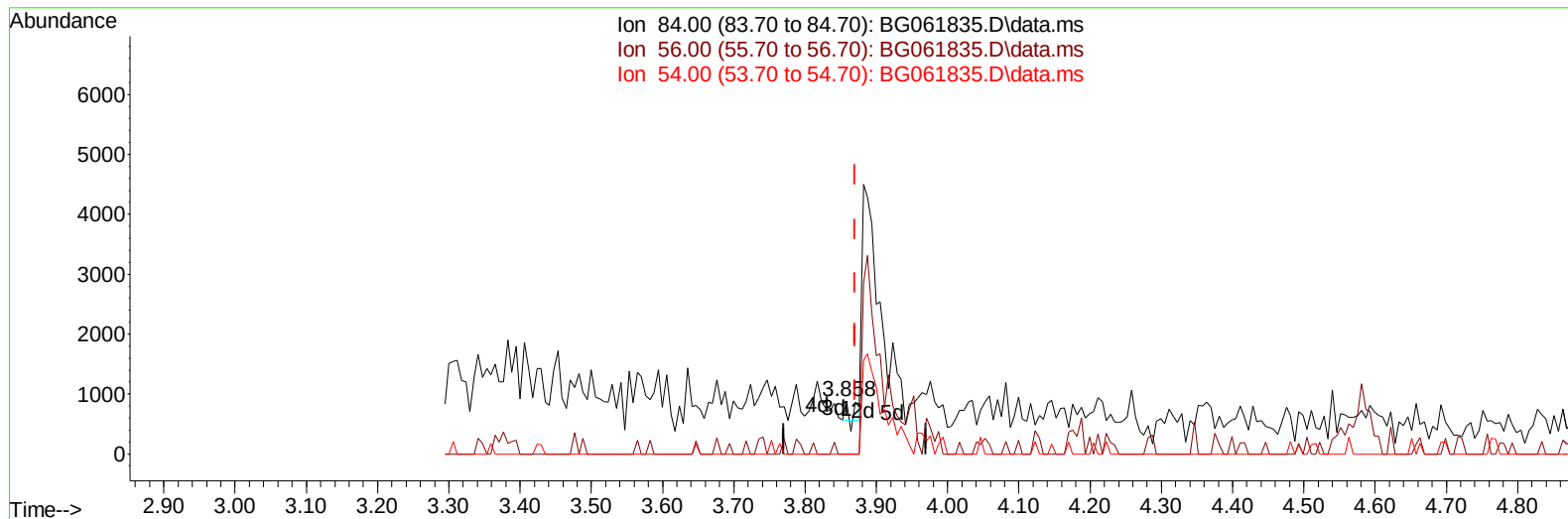
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061835.D
 Acq On : 2 Jul 2024 7:00
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BG061835.D\data.ms

(4) Pyridine-d5 (S)

3.858min (-0.012) 0.03 ng/uI

response 234

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.60	0.00#
54.00	43.00	0.00#
0.00	0.00	0.00

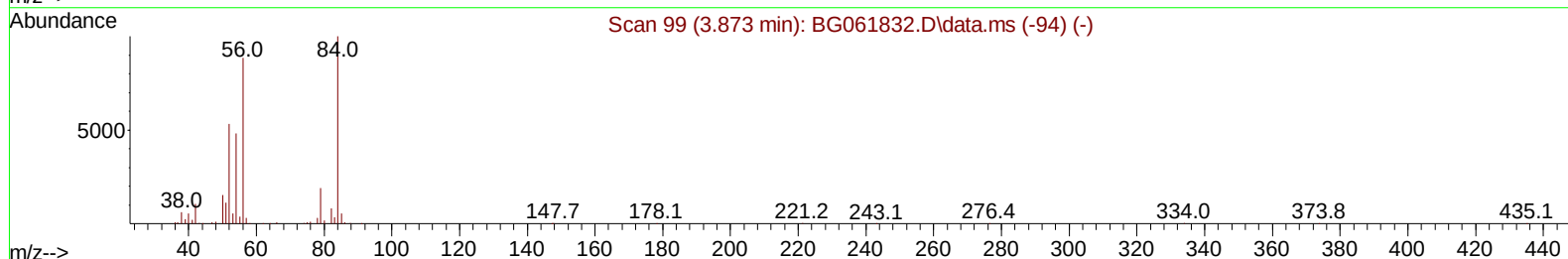
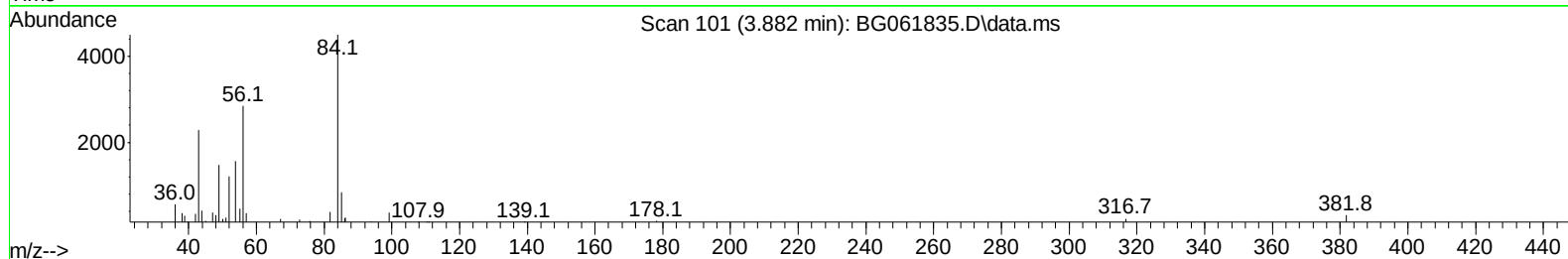
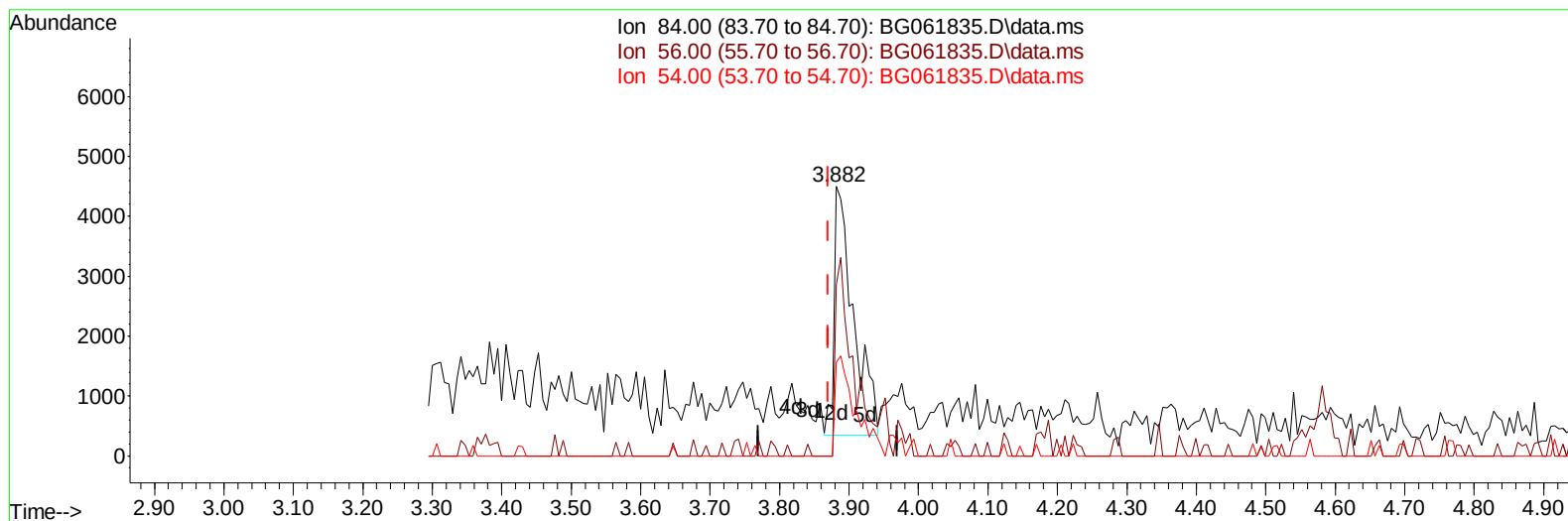
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061835.D\data.ms

(4) Pyridine-d5 (S)

3.882min (+ 0.012) 1.17 ng/ul m

response 8013

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.60	63.45#
54.00	43.00	34.75
0.00	0.00	0.00

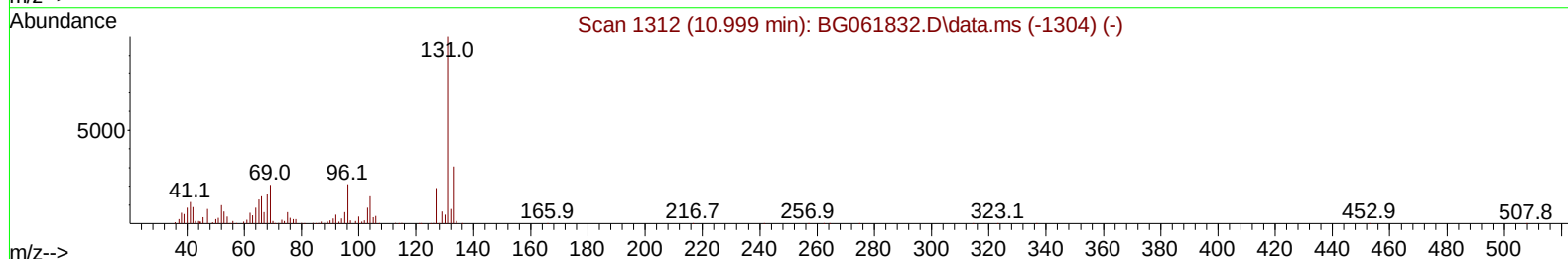
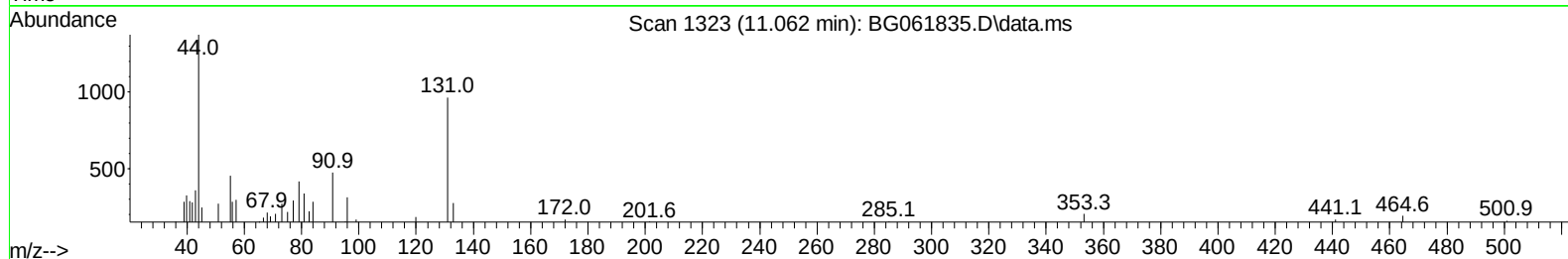
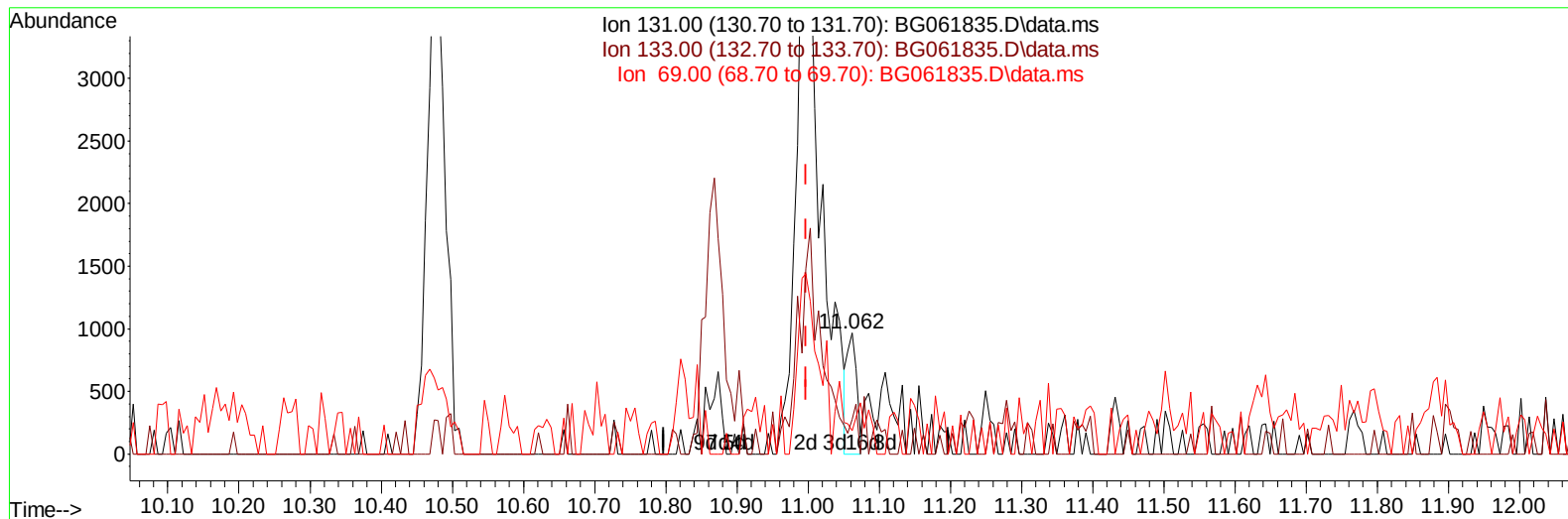
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061835.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.062min (+ 0.065) 0.10 ng/u1

response 925

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.90	28.47
69.00	20.60	19.46
0.00	0.00	0.00

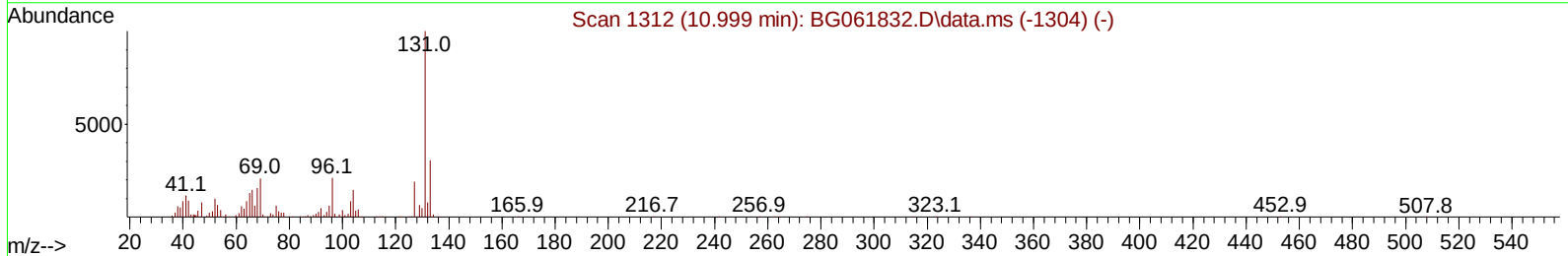
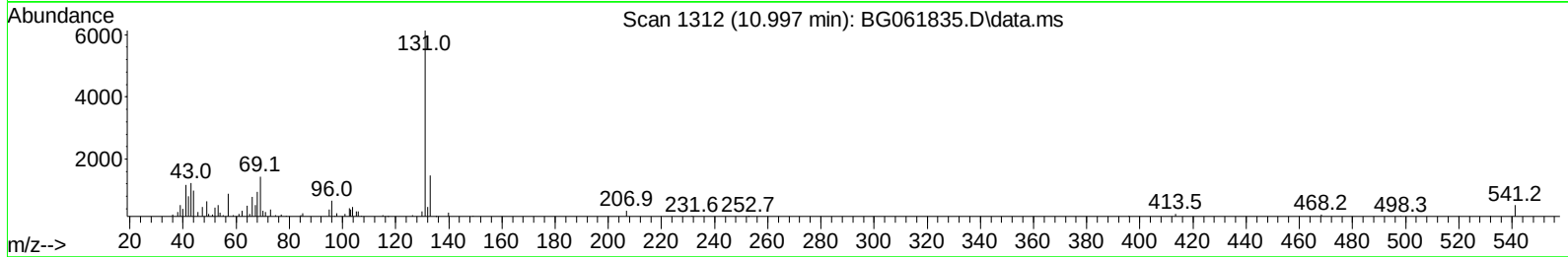
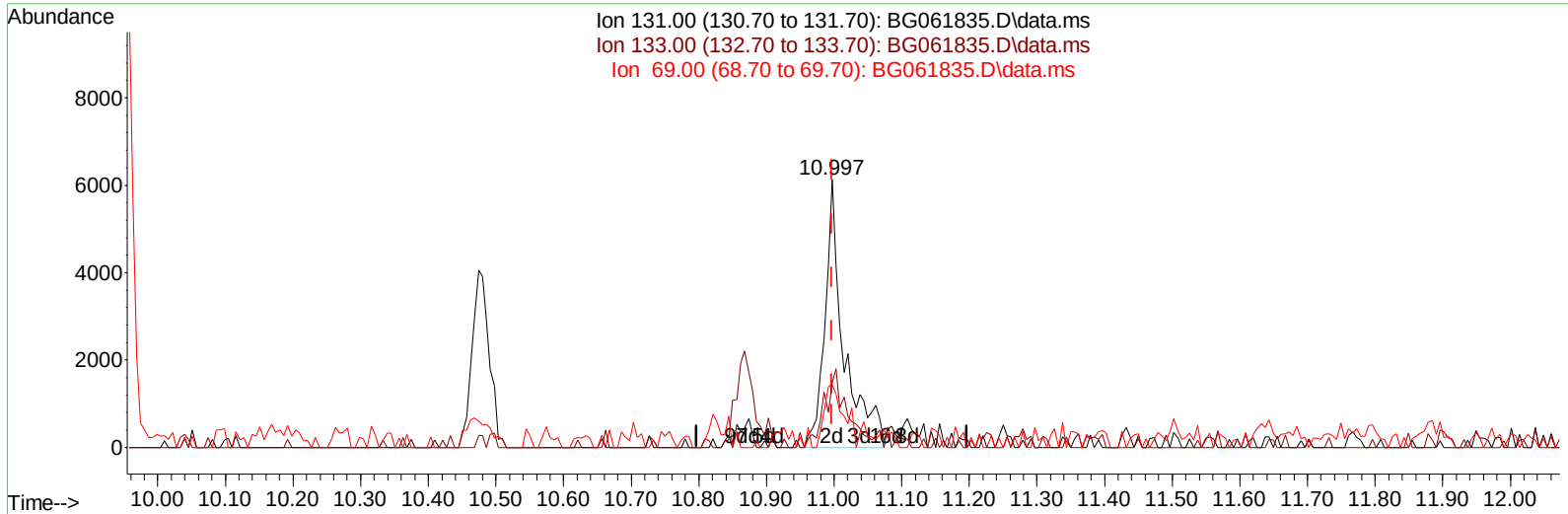
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061835.D
 Acq On : 2 Jul 2024 7:00
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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TIC: BG061835.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.997min (+ 0.000) 1.31 ng/ul m

response 12102

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.90	24.14#
69.00	20.60	23.48
0.00	0.00	0.00

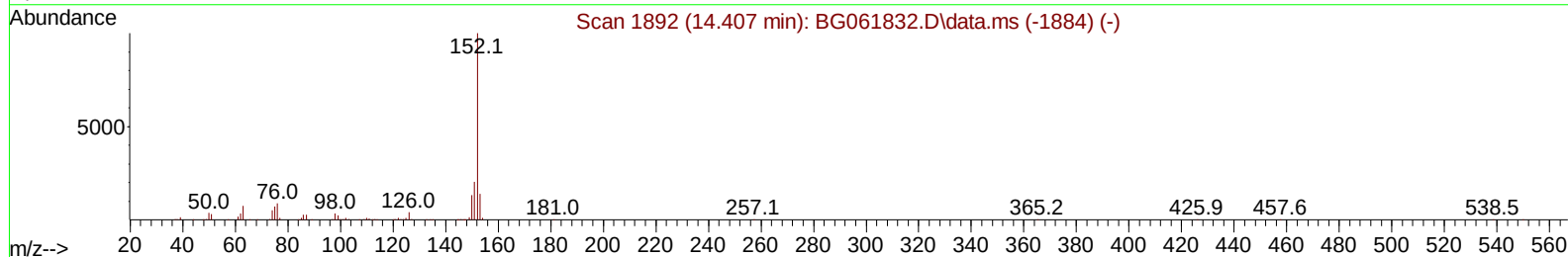
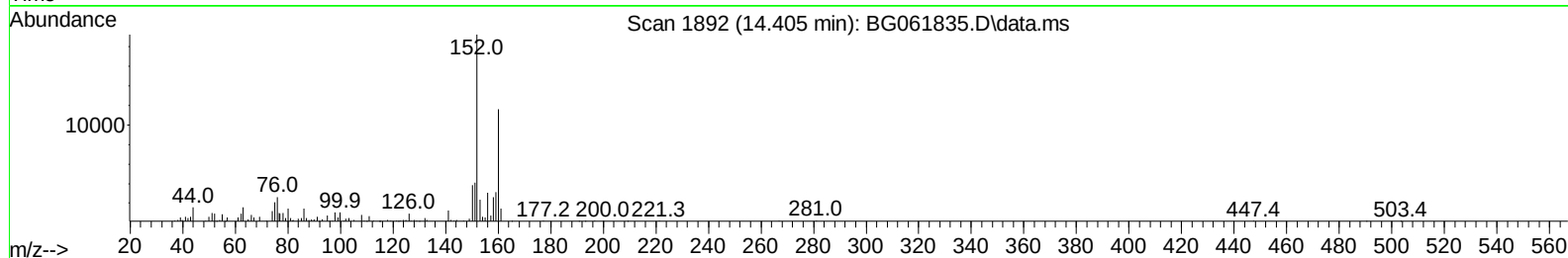
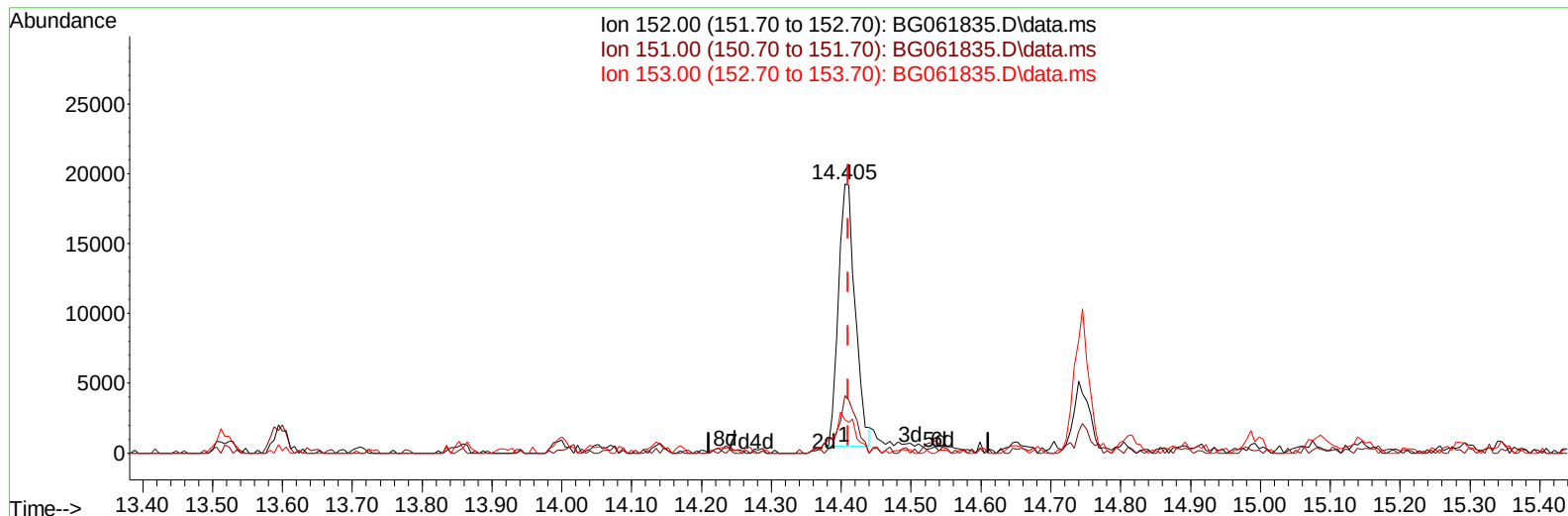
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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TIC: BG061835.D\data.ms

(50) Acenaphthylene

14.405min (-0.006) 1.43 ng/u1

response 31693

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.10	21.40
153.00	13.70	12.28
0.00	0.00	0.00

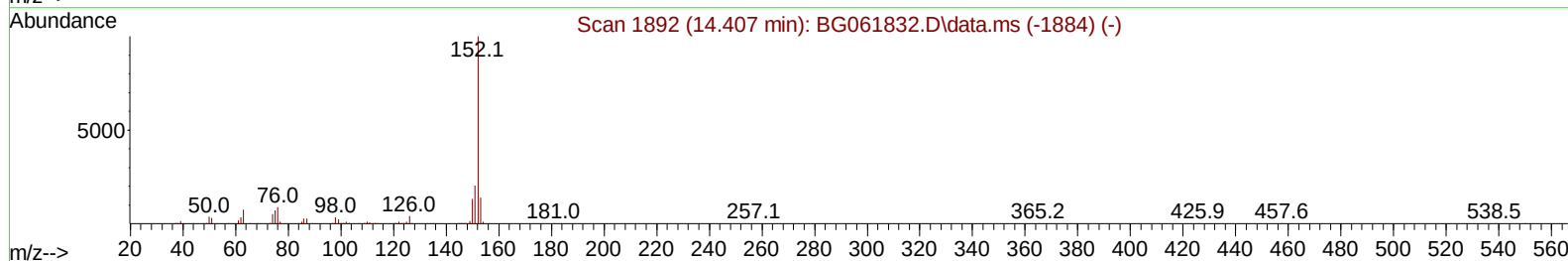
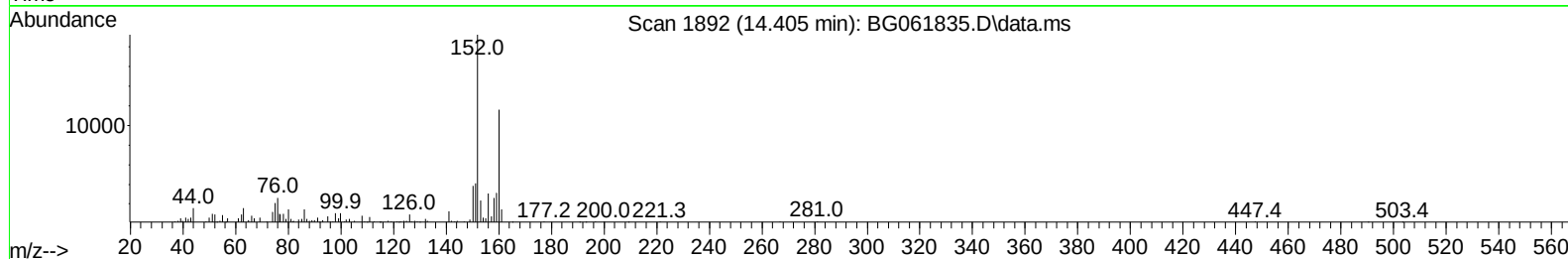
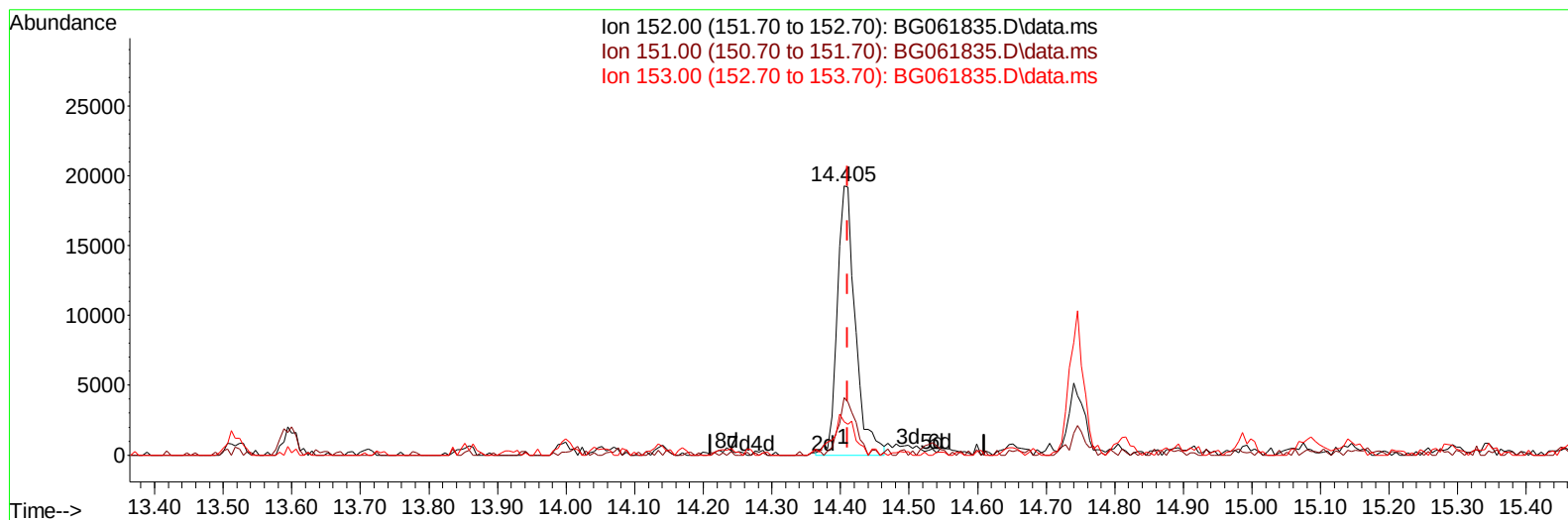
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061835.D
 Acq On : 2 Jul 2024 7:00
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
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TIC: BG061835.D\data.ms

(50) Acenaphthylene

14.405min (-0.006) 1.59 ng/ul m

response 35393

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.10	21.40
153.00	13.70	12.28
0.00	0.00	0.00

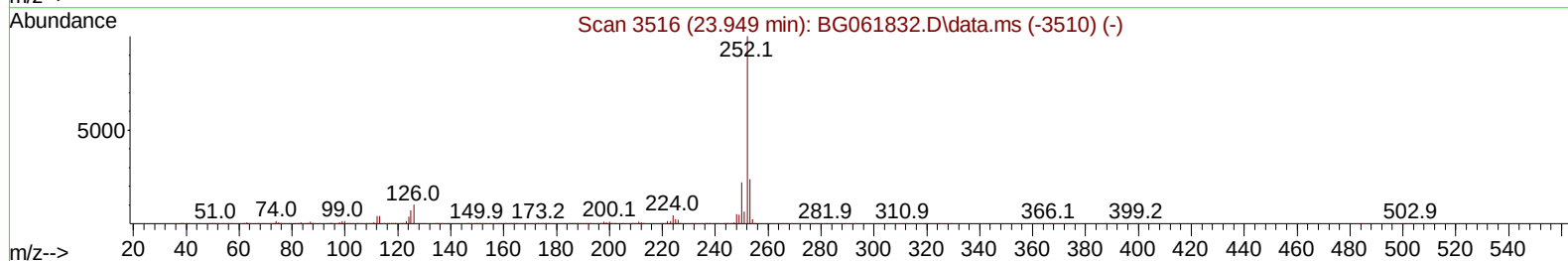
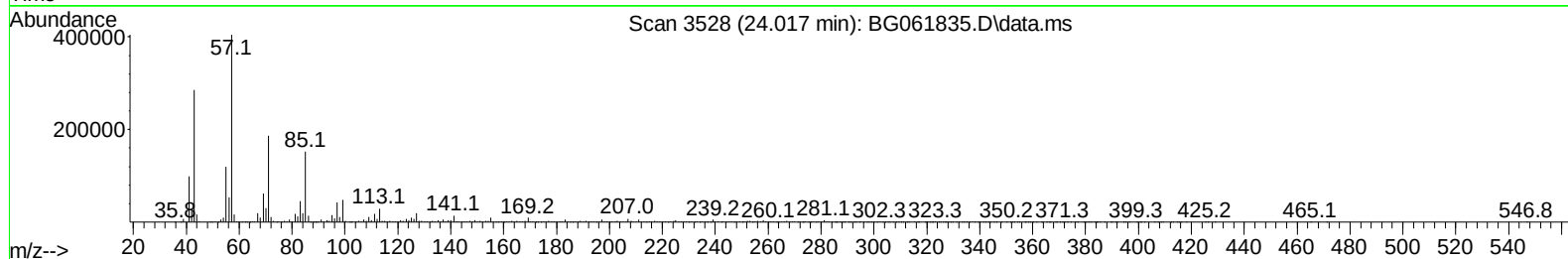
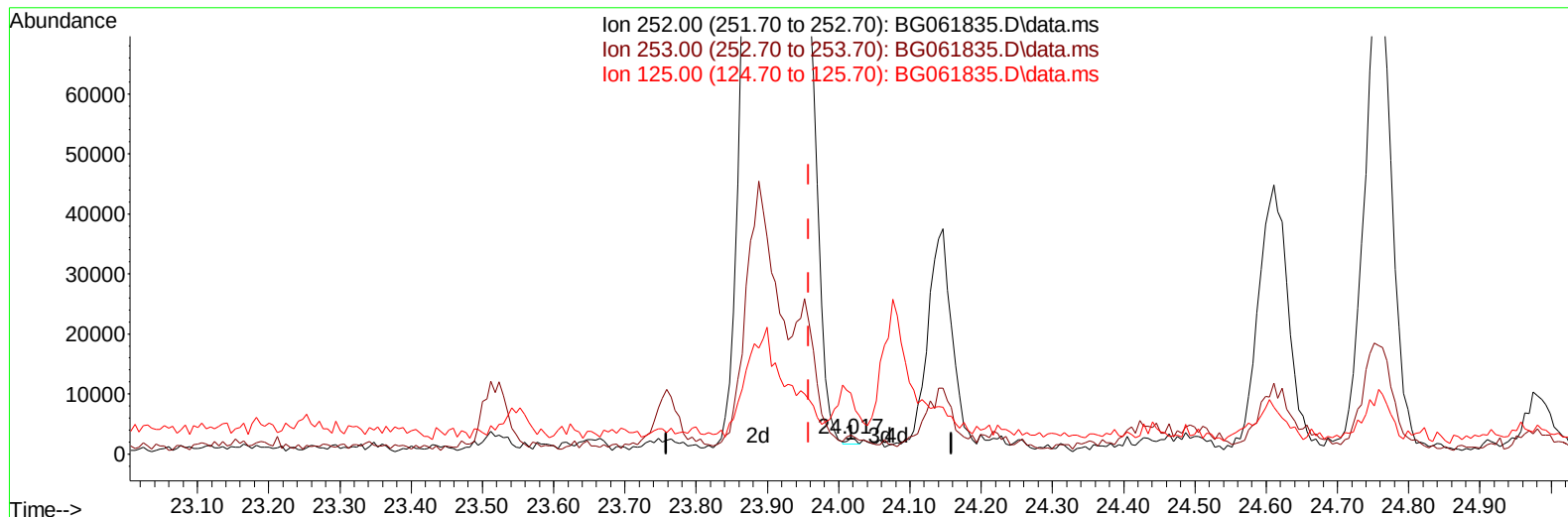
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
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TIC: BG061835.D\data.ms

(91) Benzo(k)fluoranthene

24.017min (+ 0.059) 0.03 ng/u1

response 781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	118.96#
125.00	7.70	385.22#
0.00	0.00	0.00

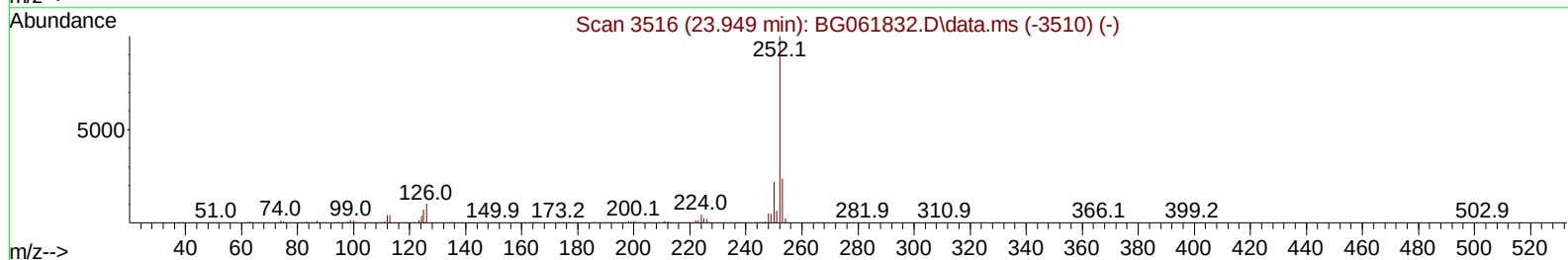
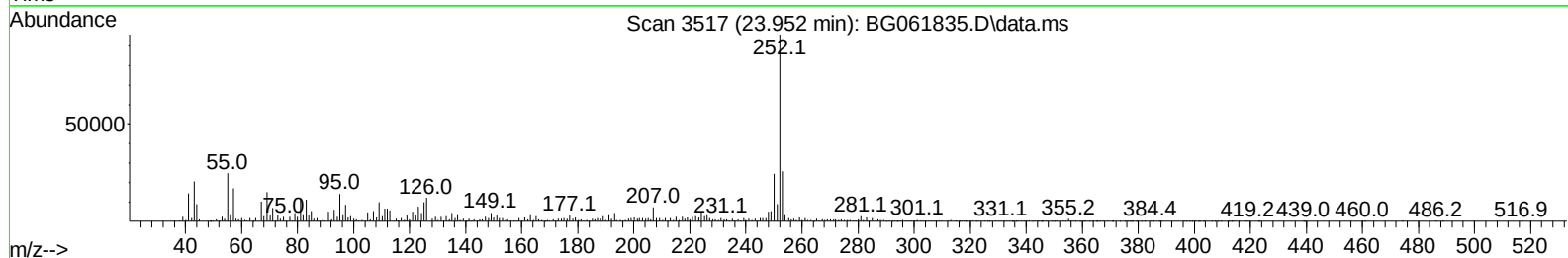
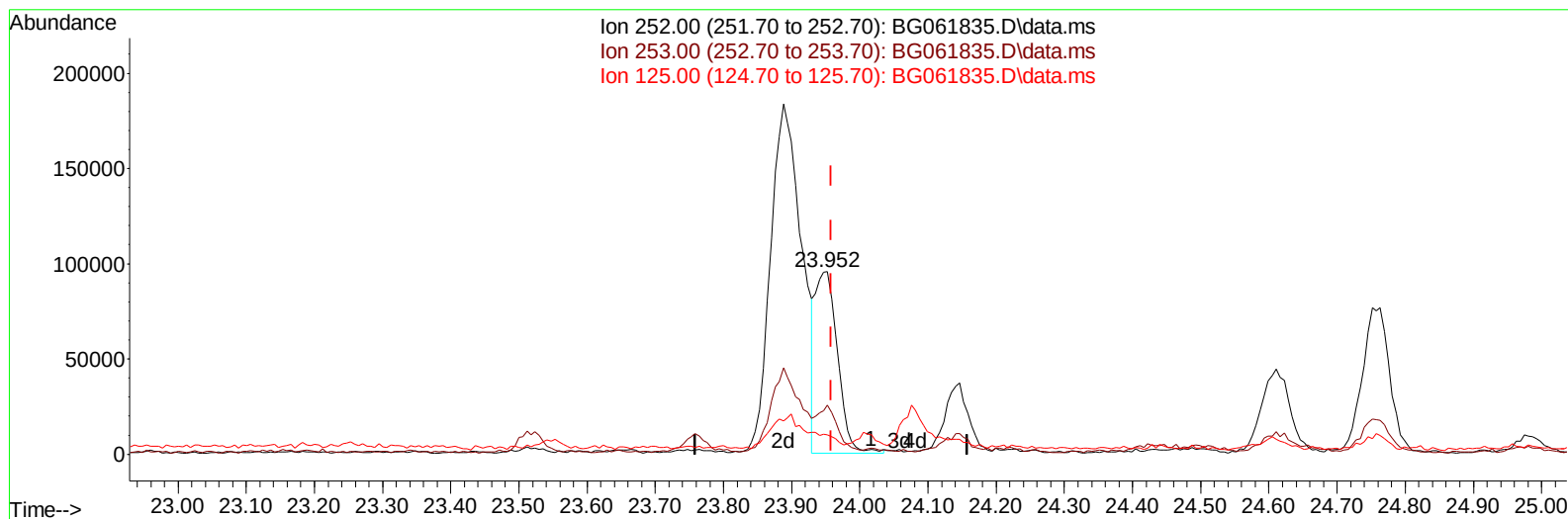
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061835.D
 Acq On : 2 Jul 2024 7:00
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:40:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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 Supervised By :mohammad ahmed 07/04/2024



TIC: BG061835.D\data.ms

(91) Benzo(k)fluoranthene

23.952min (-0.006) 7.81 ng/ul m

response 216123

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	26.96#
125.00	7.70	10.47#
0.00	0.00	0.00

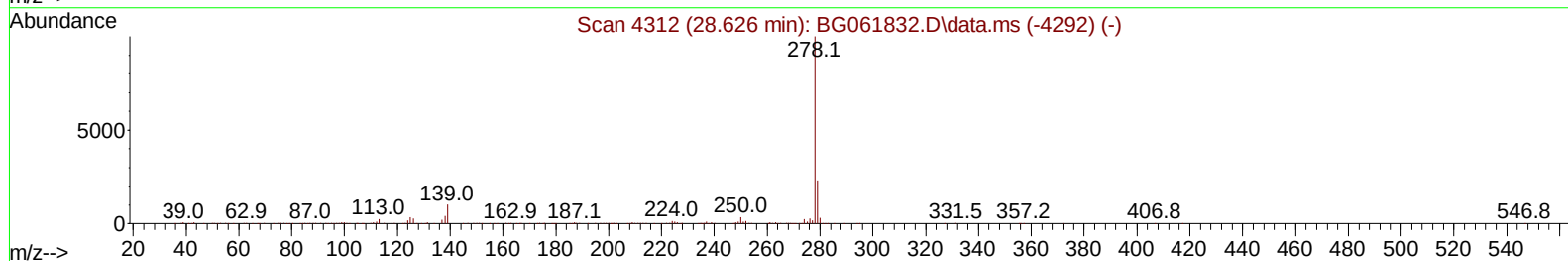
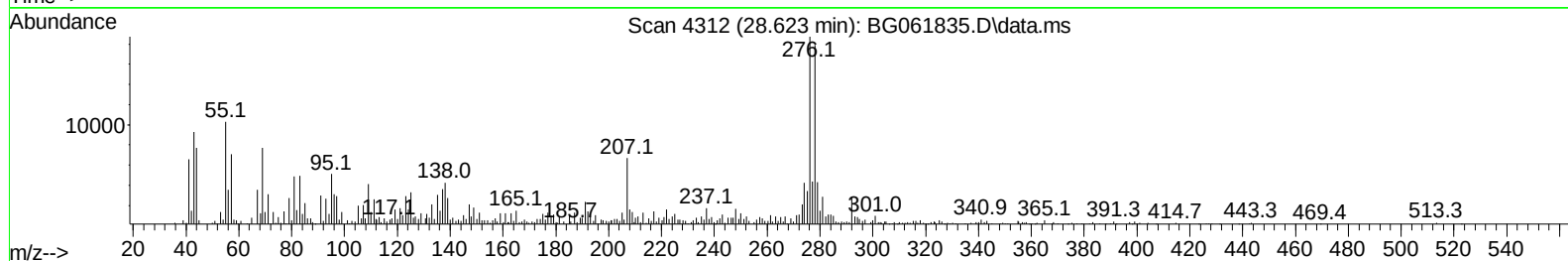
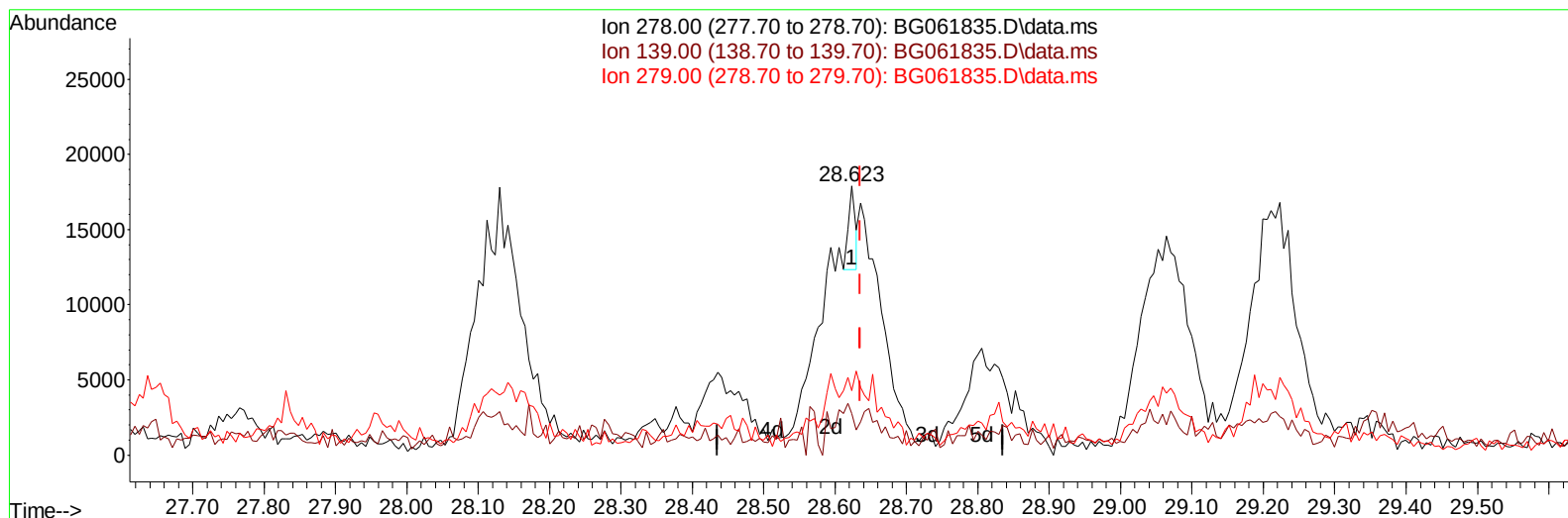
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:42:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/04/2024



TIC: BG061835.D\data.ms

(95) Dibenzo(a,h)anthracene

28.623min (-0.012) 0.14 ng/u1

response 3832

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.46#
279.00	23.30	23.99
0.00	0.00	0.00

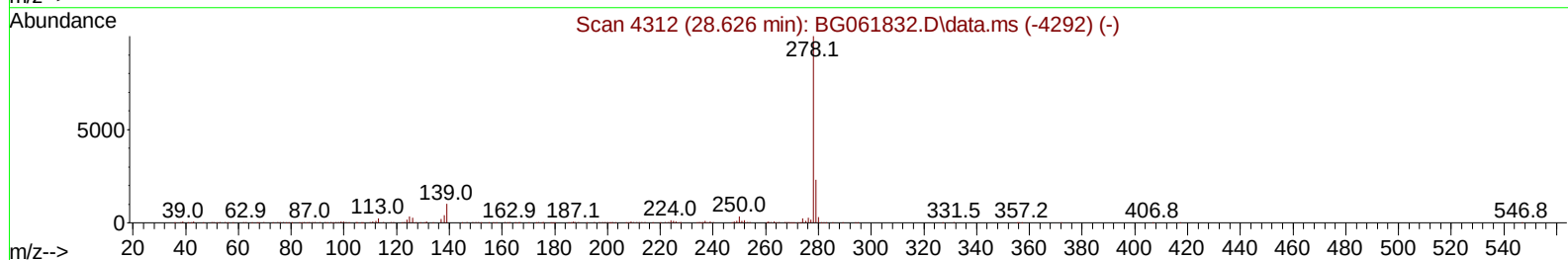
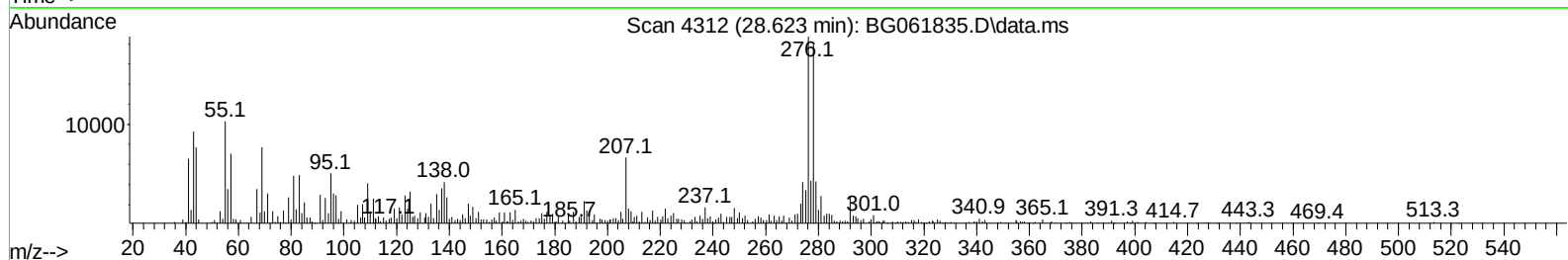
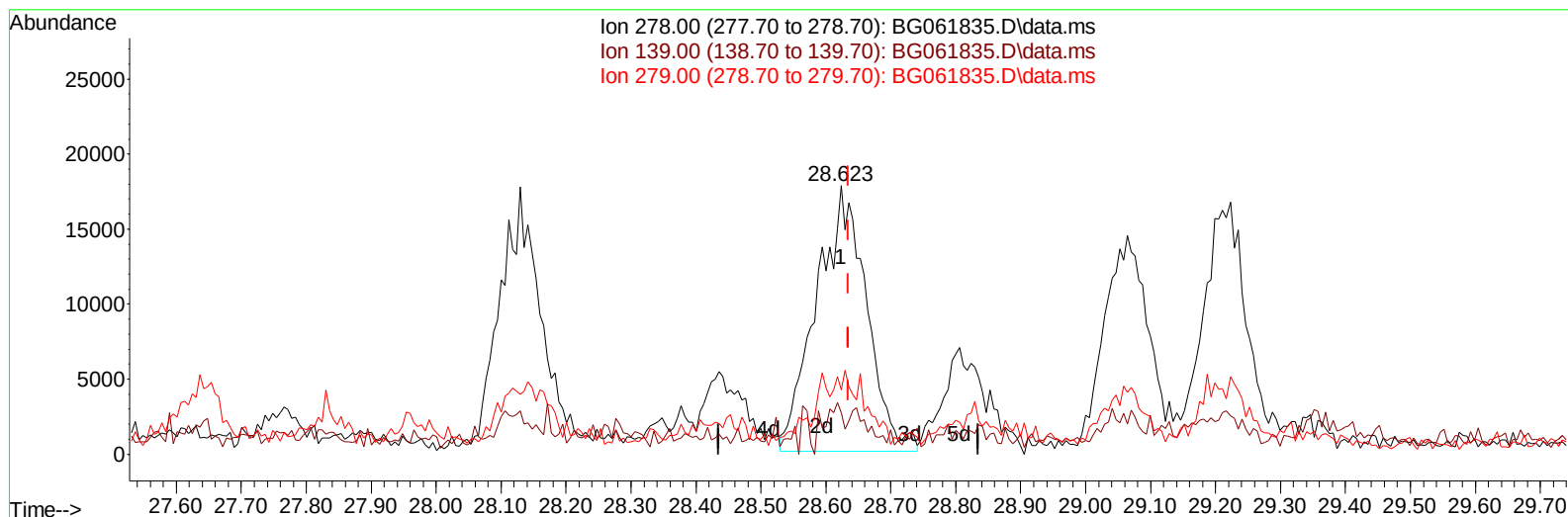
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:42:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
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TIC: BG061835.D\data.ms

(95) Dibenzo(a,h)anthracene

28.623min (-0.012) 3.51 ng/ul m

response 94254

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.46#
279.00	23.30	23.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061835.D
 Acq On : 2 Jul 2024 7:00
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:43:26 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	8.053	152		82012	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136		374165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164		236103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188		494575	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240		374846	20.000	ng/ul	0.00
88) Perylene-d12	24.910	264		447676	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.459	96		10218	4.501	ng/uL	0.00
4) Pyridine-d5	3.882	84		8013m	1.167	ng/ul	0.01
7) Phenol-d5	7.207	99		275352	30.927	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67		168503	30.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132		193660	31.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113		207484	30.146	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128		99143	39.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143		109451	42.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165		213492	35.040	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131		12102m	1.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166		628352	34.584	ng/ul	-0.01
49) Acenaphthylene-d8	14.375	160		695844	34.947	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143		94567	30.306	ng/ul	0.00
60) Fluorene-d10	15.674	176		540106	33.956	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200		66947	31.656	ng/ul	0.00
73) Anthracene-d10	17.525	188		793634	35.155	ng/ul	0.00
81) Pyrene-d10	19.804	212		693923	33.142	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.687	264		483973	22.635	ng/ul	0.00
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.190	77		17917	4.090	ng/ul	89
16) Acetophenone	8.876	105		13231	1.167	ng/ul	91
30) Naphthalene	10.915	128		40813	1.949	ng/ul	95
50) Acenaphthylene	14.405	152		35393m	1.592	ng/ul	
56) Dibenzofuran	15.081	168		25810	1.198	ng/ul#	87
61) Fluorene	15.727	166		19084	1.071	ng/ul	84
72) Phenanthrene	17.466	178		429816	16.519	ng/ul	98
74) Anthracene	17.560	178		84167	3.163	ng/ul	98
77) Carbazole	17.824	167		35723	1.581	ng/ul	97
80) Fluoranthene	19.475	202		765759	31.520	ng/ul#	96
82) Pyrene	19.834	202		575663	22.285	ng/ul	96
85) Benzo(a)anthracene	21.667	228		368432	14.002	ng/ul	94
87) Chrysene	21.732	228		453450	18.213	ng/ul	97
90) Benzo(b)fluoranthene	23.888	252		576617	21.427	ng/ul	97
91) Benzo(k)fluoranthene	23.952	252		216123m	7.809	ng/ul	
93) Benzo(a)pyrene	24.763	252		208441	8.045	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.576	276		238023	7.373	ng/ul	98
95) Dibenzo(a,h)anthracene	28.623	278		94254m	3.511	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:43:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Supervised By :mohammad ahmed 07/04/2024

