

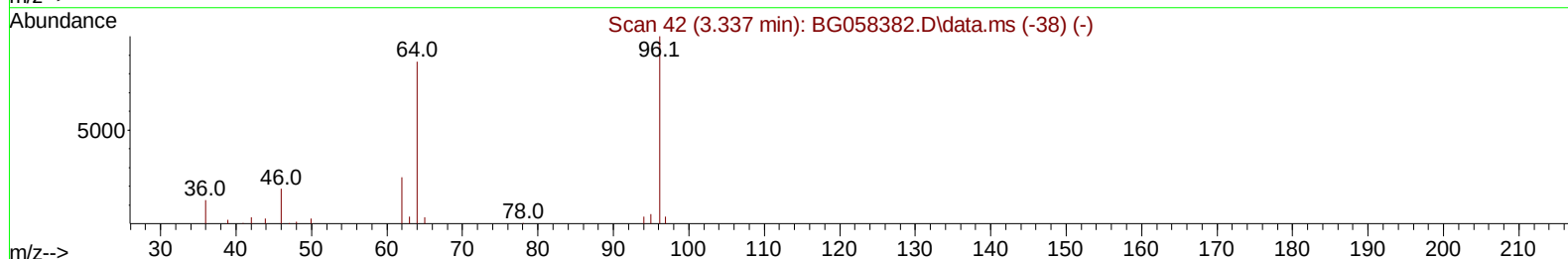
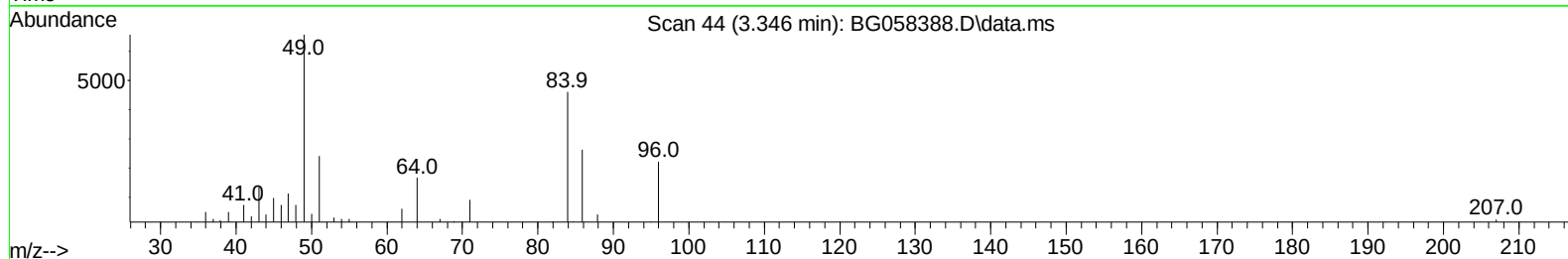
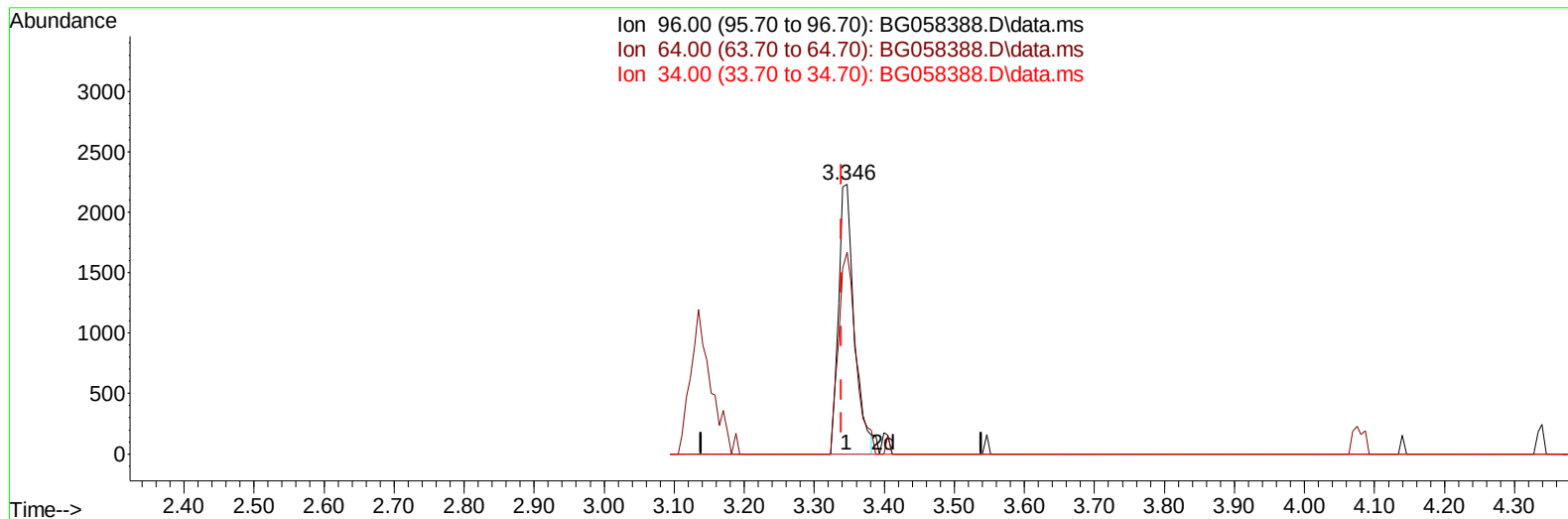
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.346min (+ 0.007) 2.74 ng/uL

response 3506

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	74.97
34.00	0.00	0.00
0.00	0.00	0.00

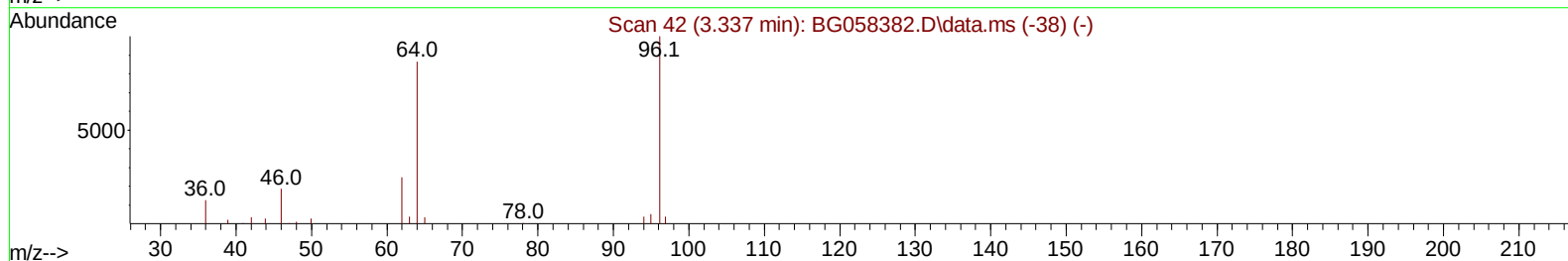
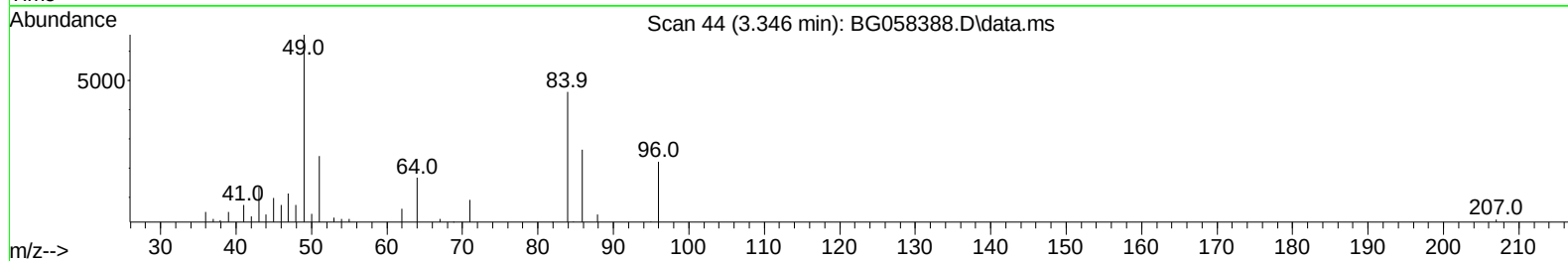
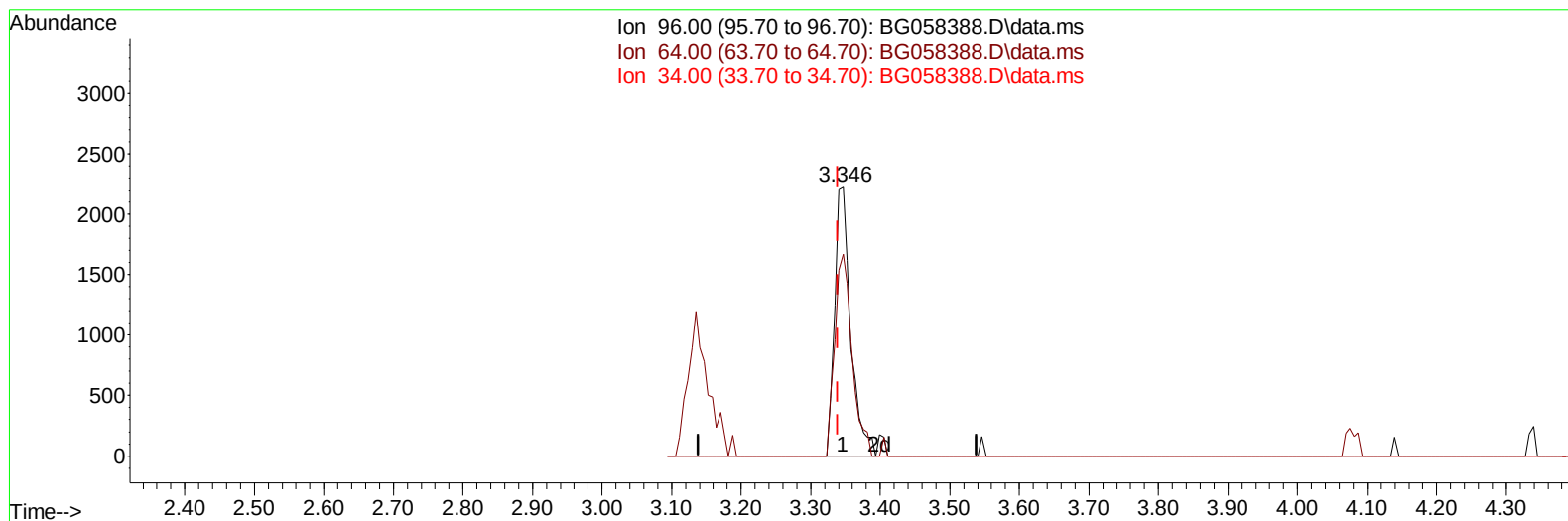
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.346min (+ 0.007) 2.79 ng/uL m

response 3561

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	74.97
34.00	0.00	0.00
0.00	0.00	0.00

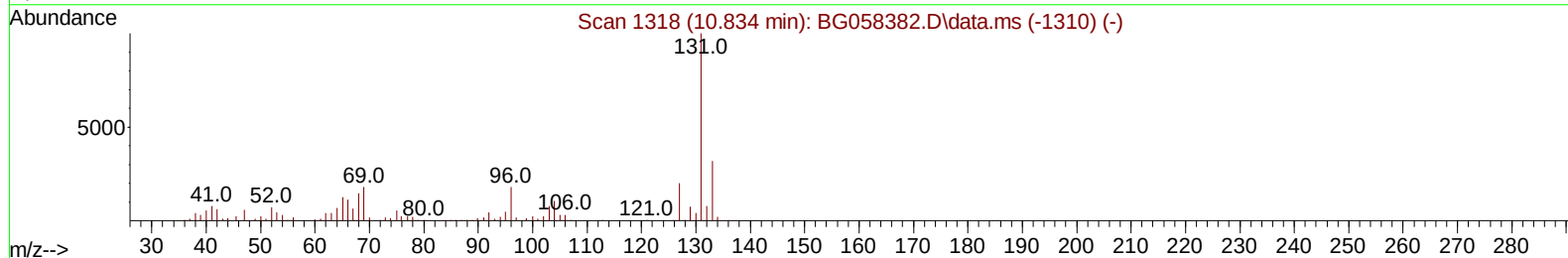
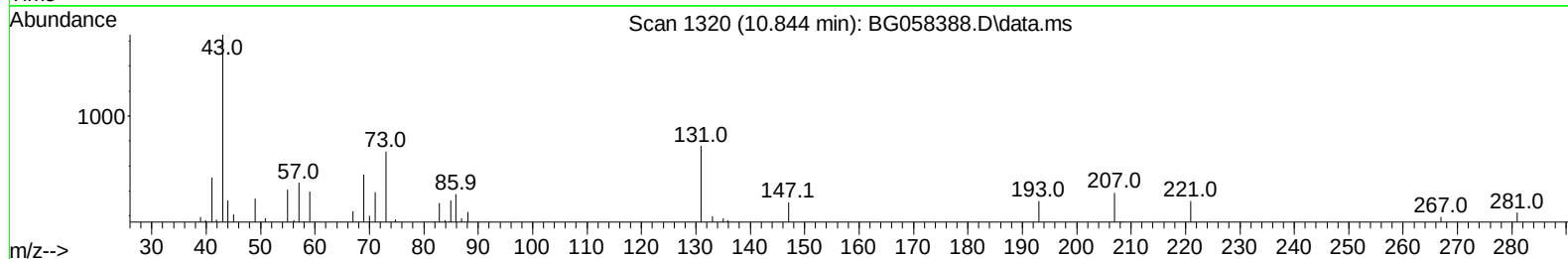
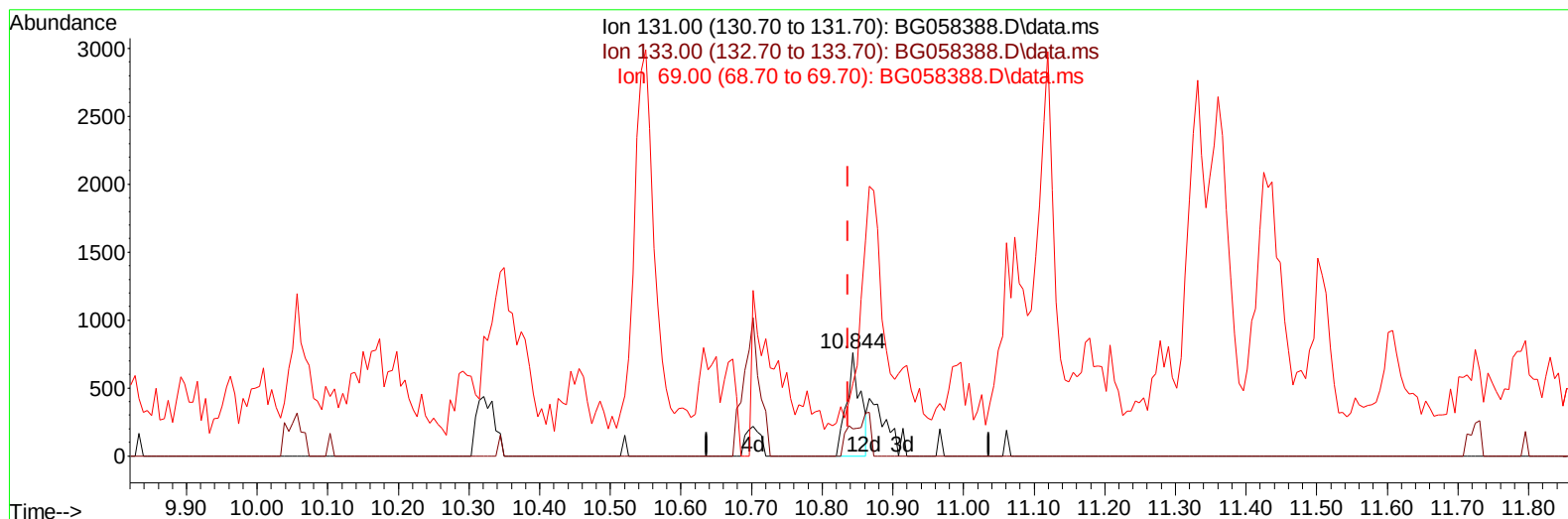
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:33:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.844min (+ 0.007) 0.23 ng/ul

response 1038

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	26.22
69.00	18.60	69.96#
0.00	0.00	0.00

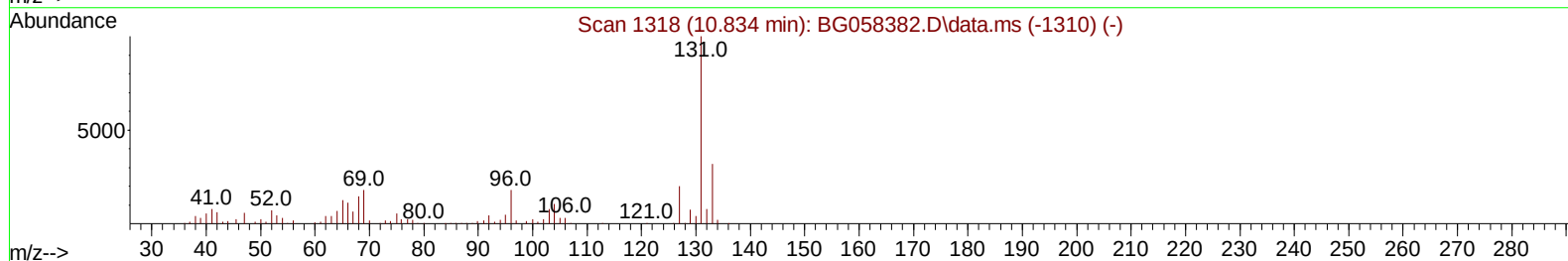
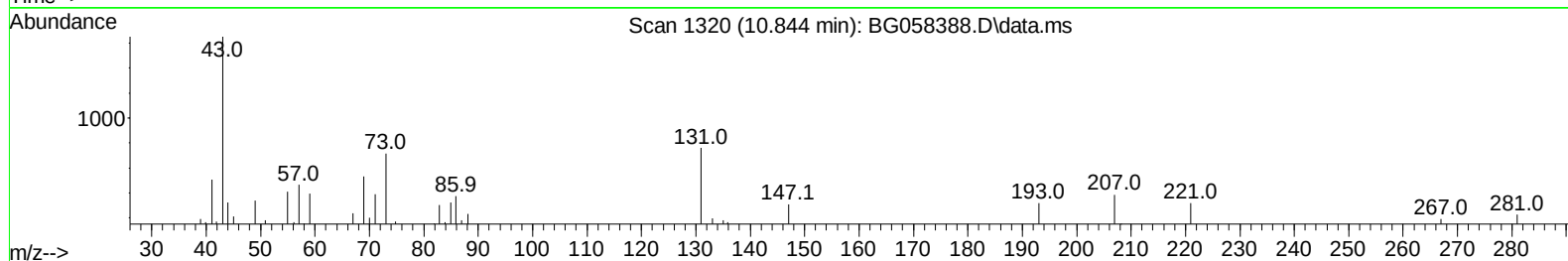
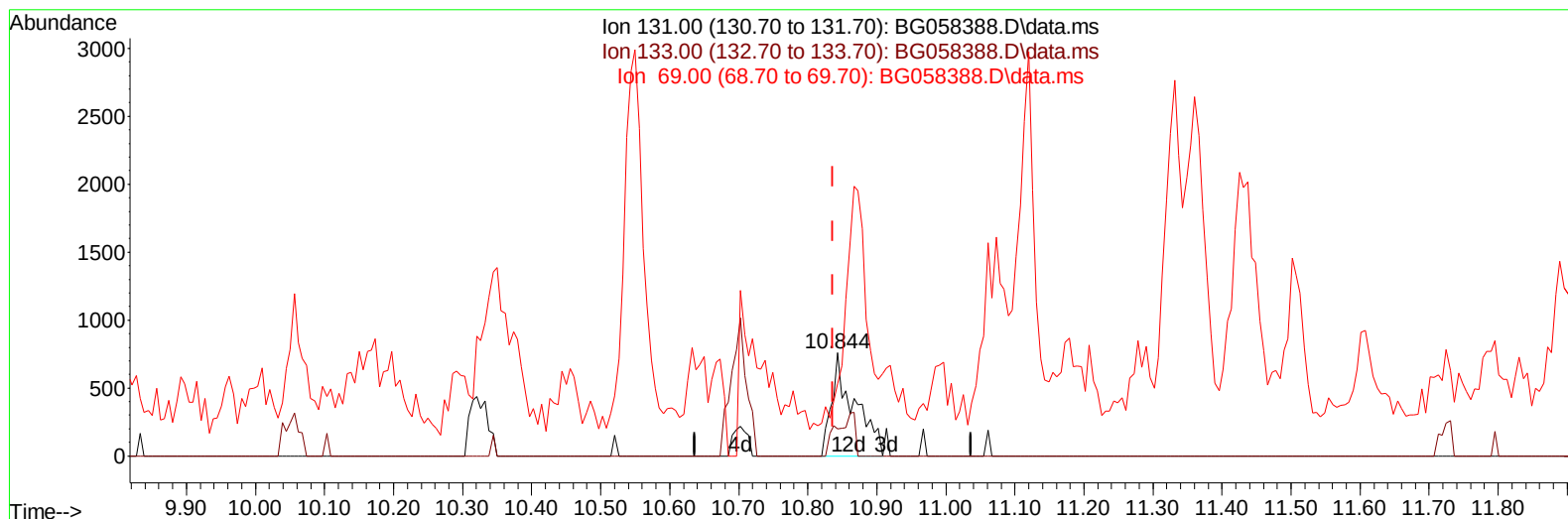
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058388.D
Acq On : 21 Jul 2023 15:16
Operator : CG/JU
Sample : 03504-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.844min (+ 0.007) 0.40 ng/ul m

response 1758

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	26.22
69.00	18.60	69.96#
0.00	0.00	0.00

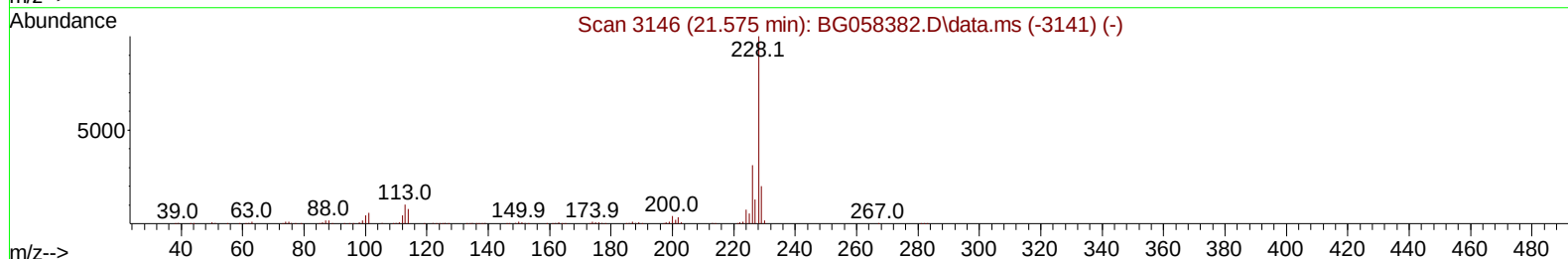
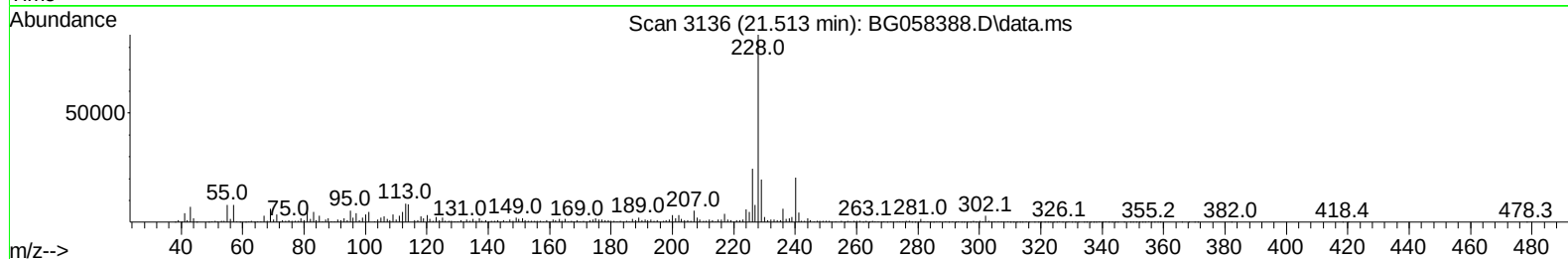
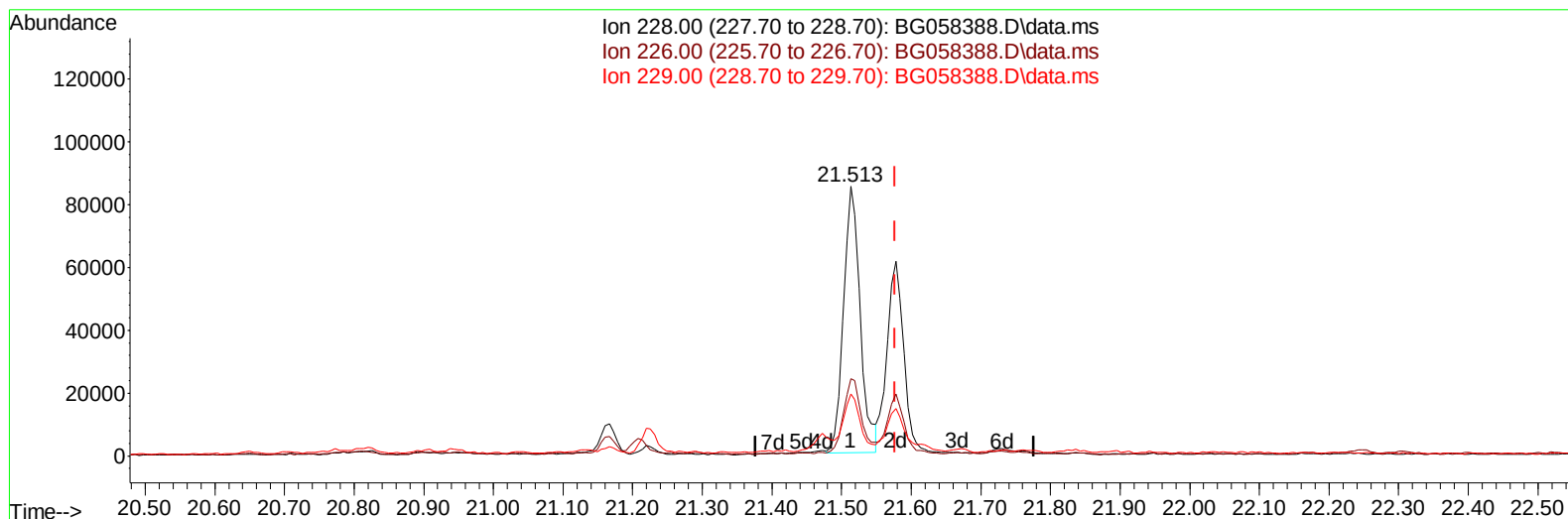
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:34:17 2023
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 QLast Update : Tue Jul 18 02:19:39 2023
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(87) Chrysene

21.513min (-0.064) 10.09 ng/u1

response 142385

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	28.67
229.00	19.80	22.90
0.00	0.00	0.00

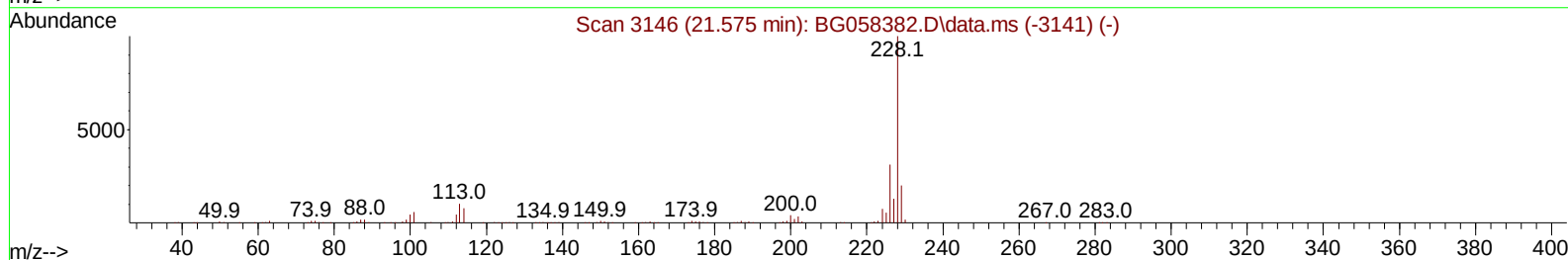
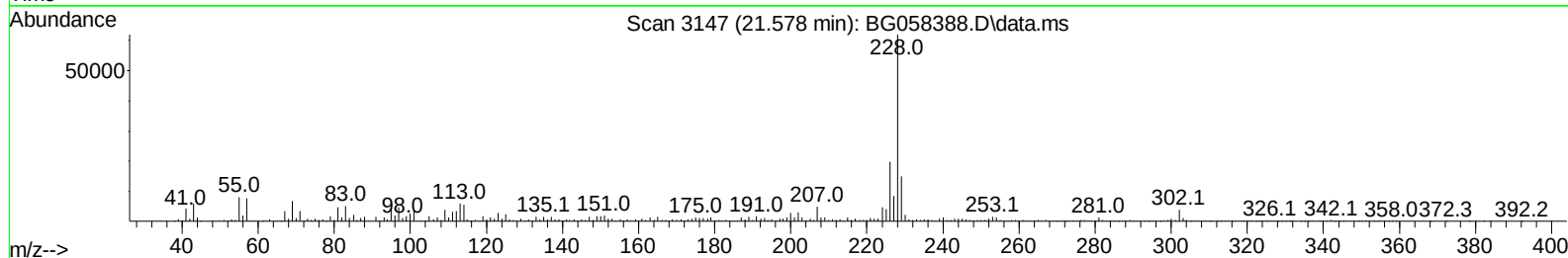
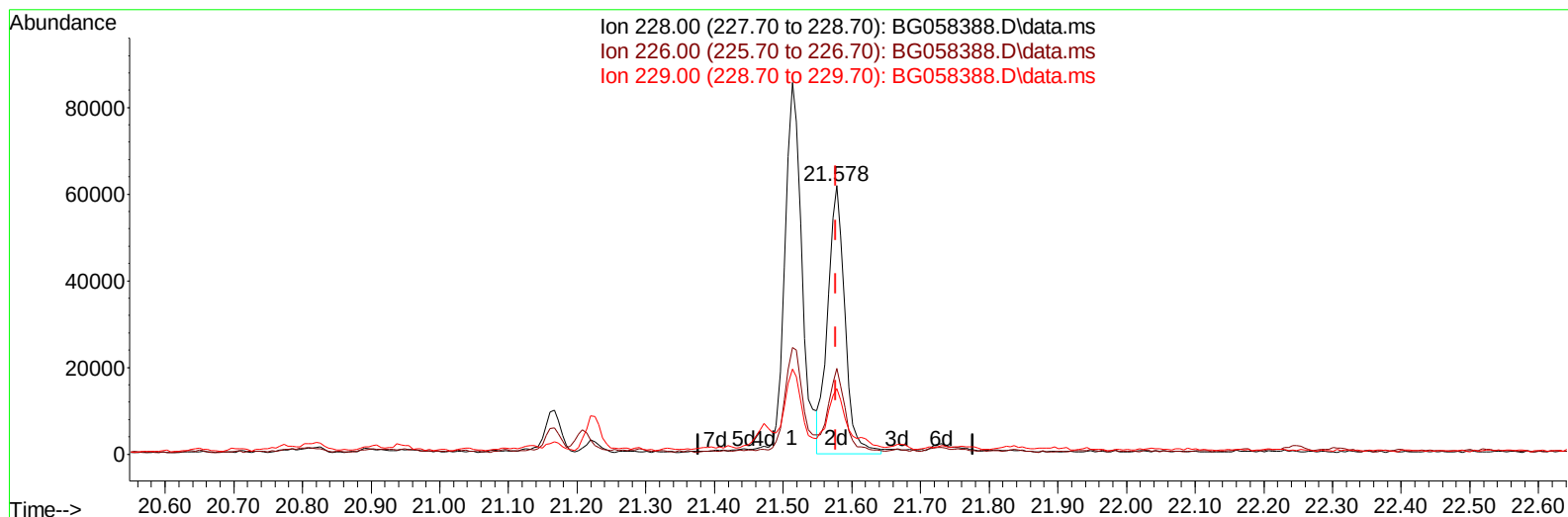
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:34:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(87) Chrysene

21.578min (+ 0.001) 7.62 ng/ul m

response 107584

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.04
229.00	19.80	24.34#
0.00	0.00	0.00

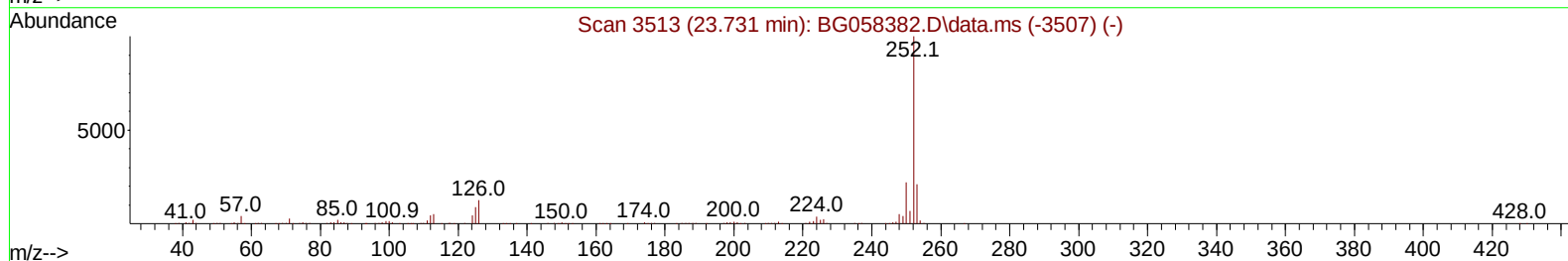
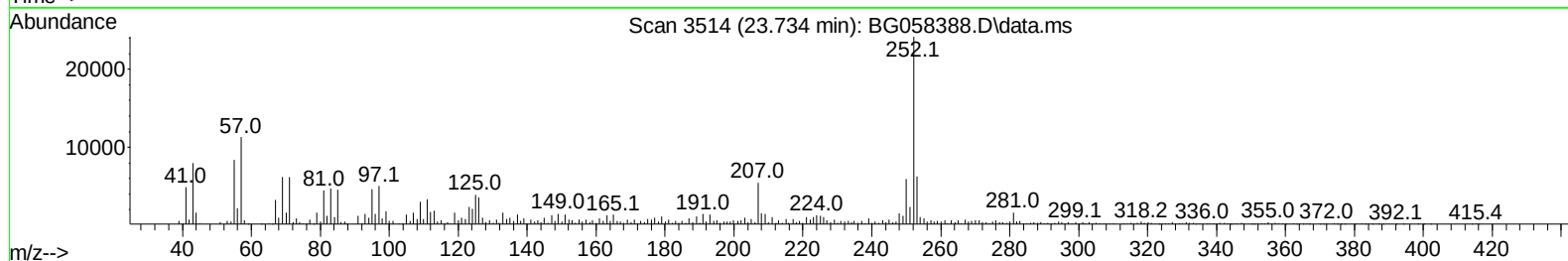
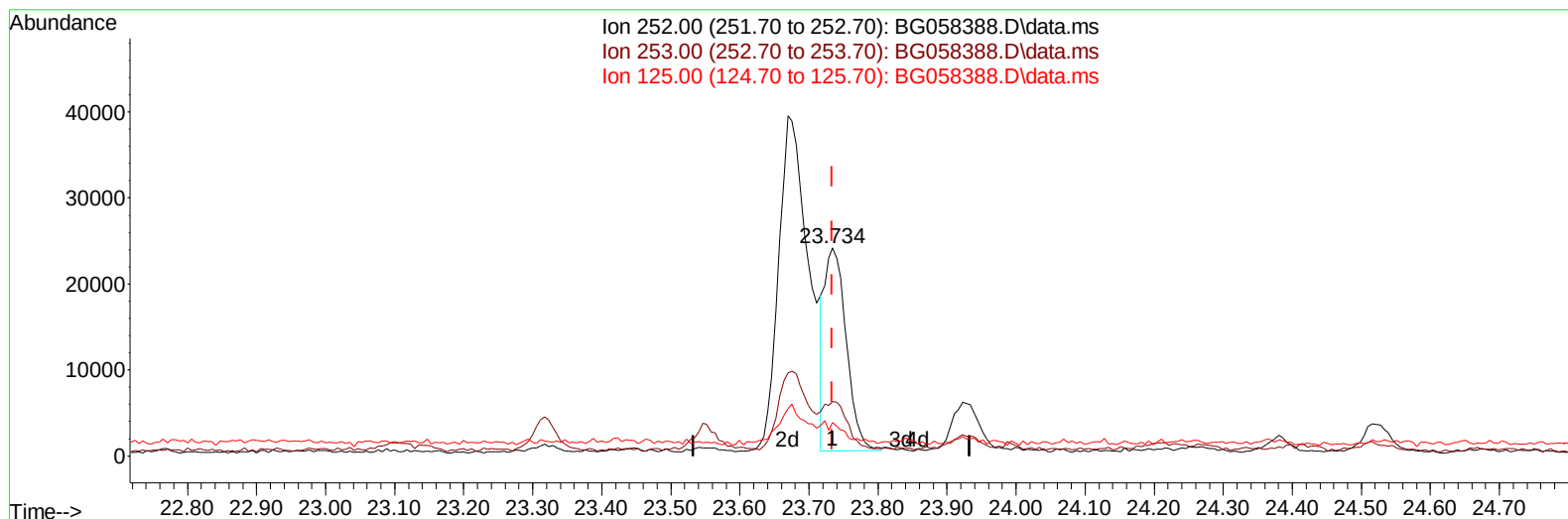
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:34:17 2023
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Reviewed By :Yogesh Patel 07/22/2023
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TIC: BG058388.D\data.ms

(91) Benzo(k)fluoranthene

23.734min (+ 0.001) 3.18 ng/u1

response 51518

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	26.04
125.00	9.20	16.16#
0.00	0.00	0.00

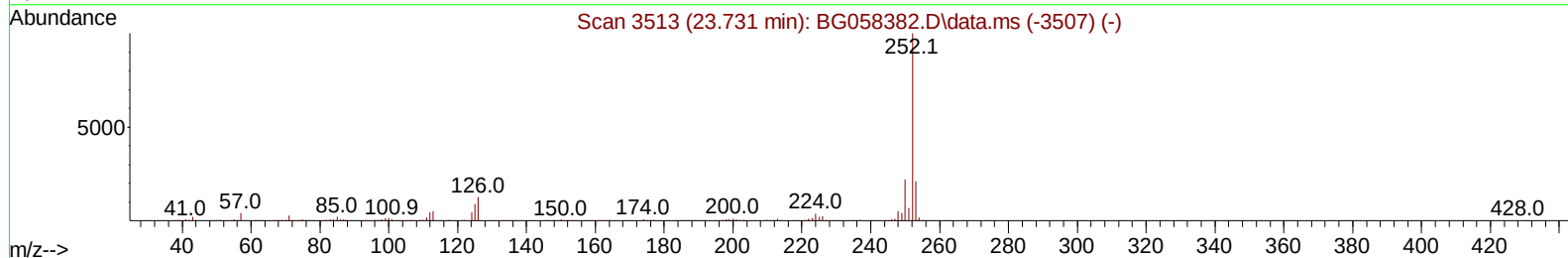
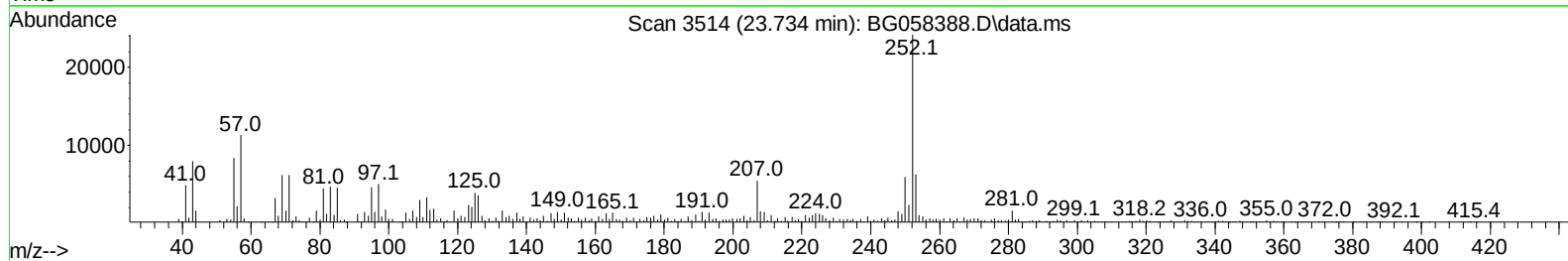
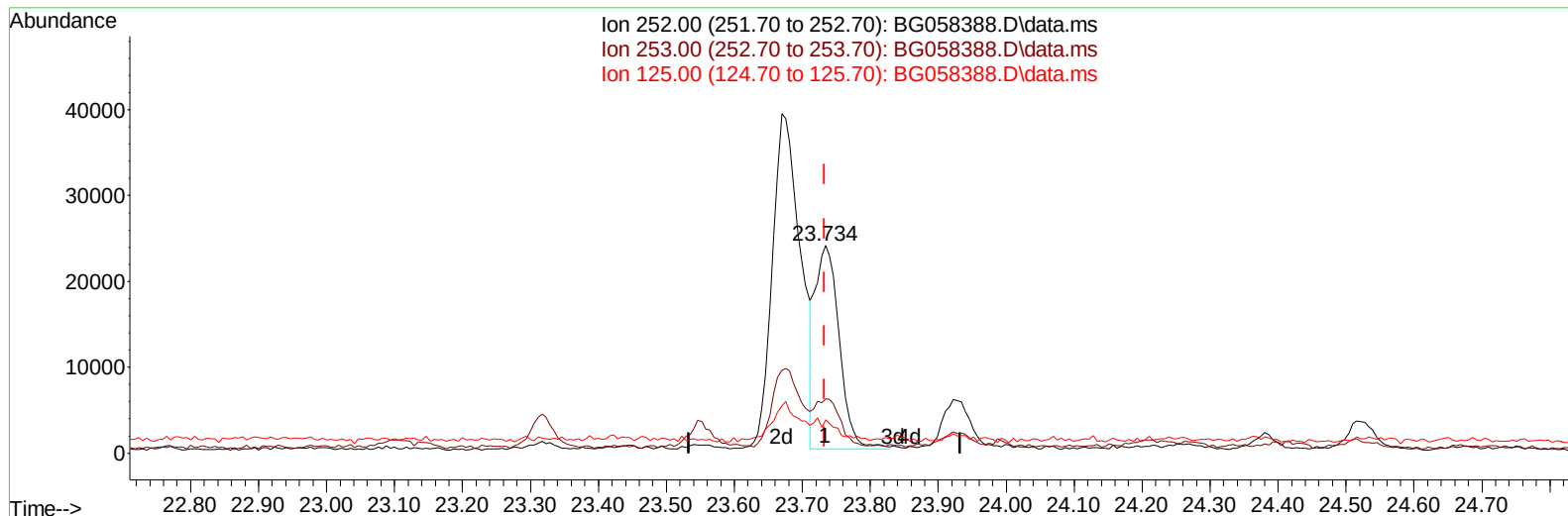
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:34:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(91) Benzo(k)fluoranthene

23.734min (+ 0.001) 3.64 ng/ul m

response 58966

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	26.04
125.00	9.20	16.16#
0.00	0.00	0.00

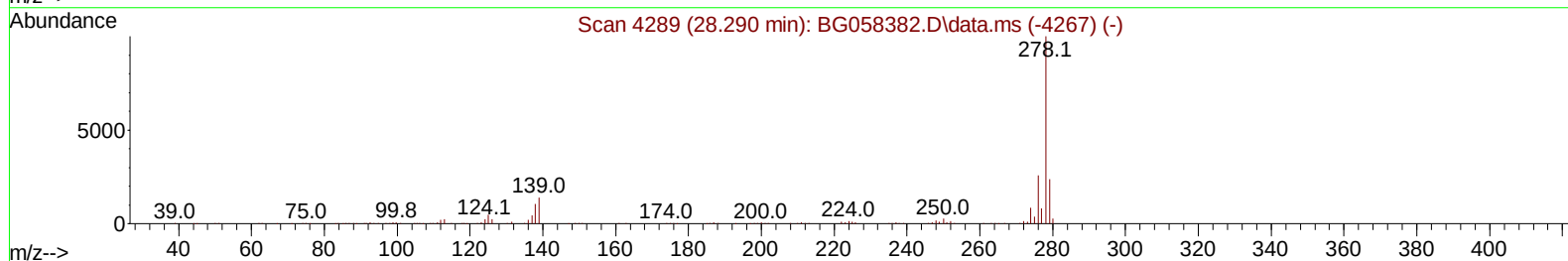
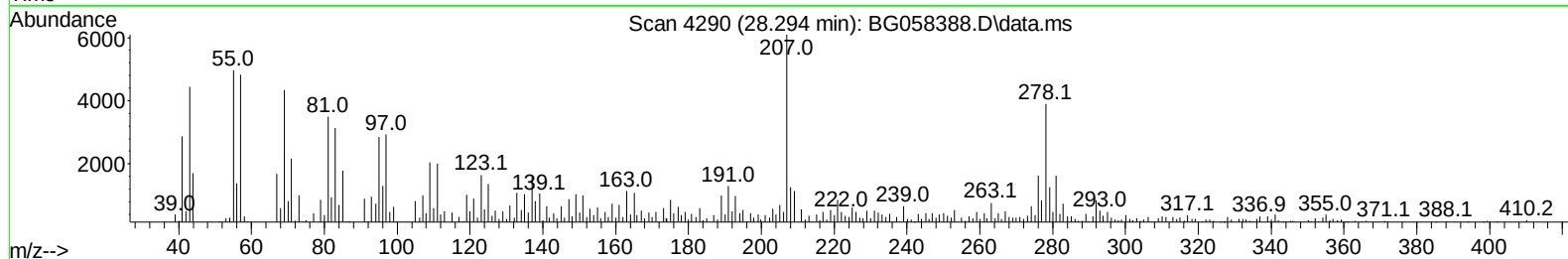
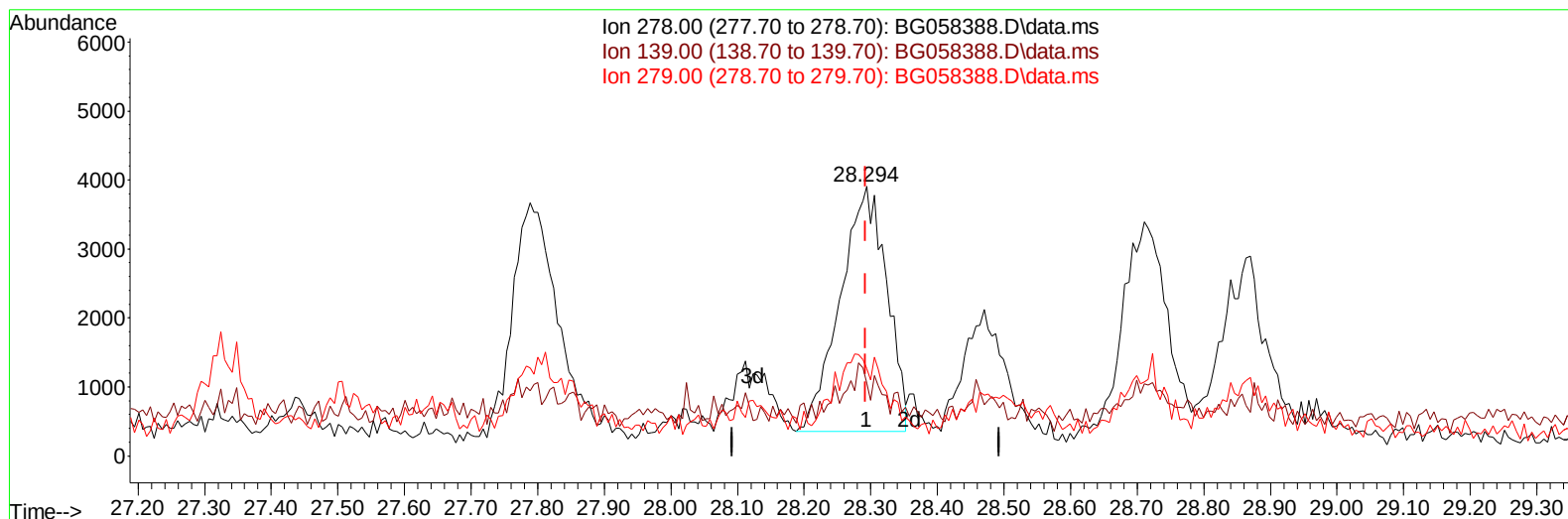
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058388.D
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Sample : 03504-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S3

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:36:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
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TIC: BG058388.D\data.ms

(95) Dibenzo(a,h)anthracene

28.294min (+ 0.001) 1.10 ng/u1

response 17203

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	26.93#
279.00	23.00	32.46#
0.00	0.00	0.00

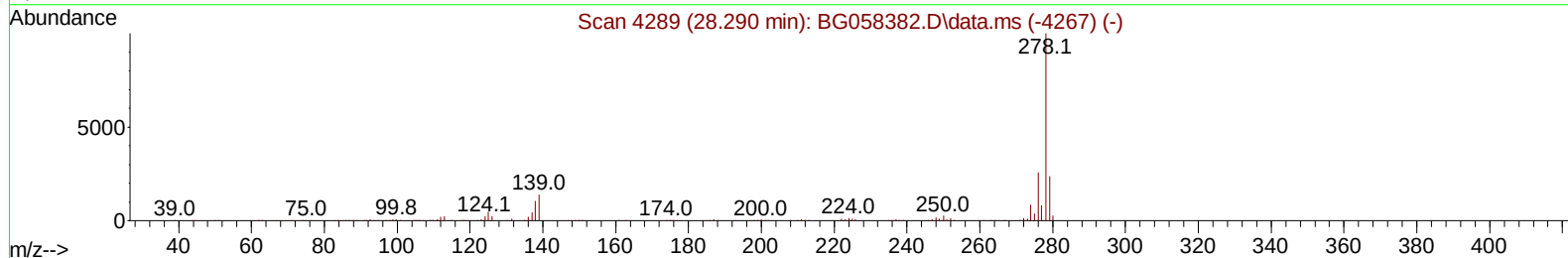
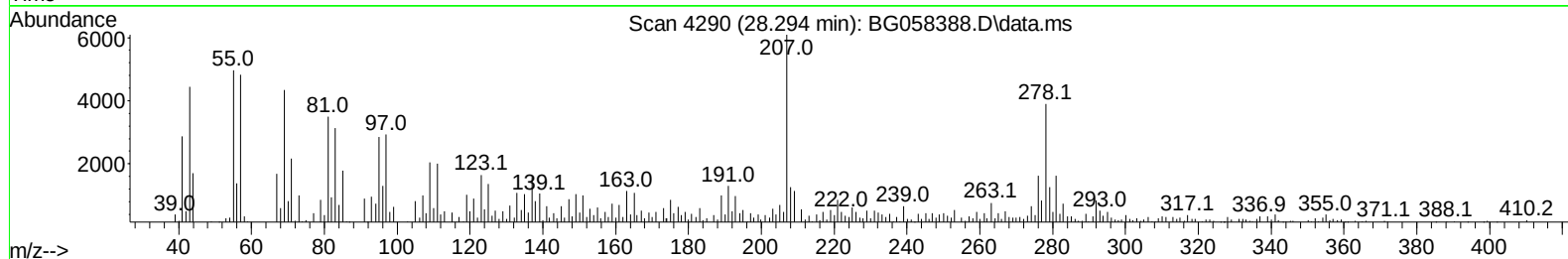
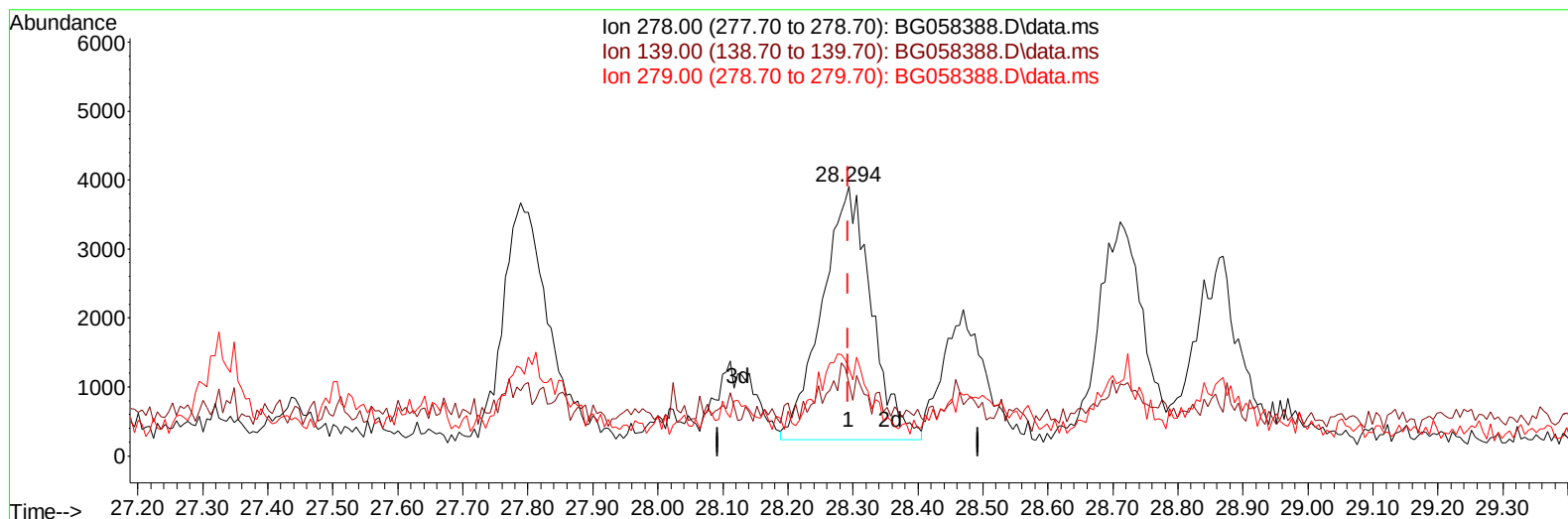
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:36:30 2023
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 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058388.D\data.ms

(95) Dibenzo(a,h)anthracene

28.294min (+ 0.001) 1.25 ng/ul m

response 19499

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	26.93#
279.00	23.00	32.46#
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	47033	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	194615	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	127635	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	276603	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	221318	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	280658	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	3561m	2.787	ng/uL	0.00
4) Pyridine-d5	3.752	84	49291	12.996	ng/ul	0.00
7) Phenol-d5	7.066	99	33901	7.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	43604	15.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	37796	12.102	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	2900	0.852	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	24589	16.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	25070	15.742	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	24261	7.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	1758m	0.397	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	157532	16.006	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	135850	13.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13612	9.158	ng/ul	0.00
60) Fluorene-d10	15.526	176	141391	17.352	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	3101	2.200	ng/ul	0.00
73) Anthracene-d10	17.377	188	157437	13.173	ng/ul	0.00
81) Pyrene-d10	19.668	212	50189	3.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	20267	1.494	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.717	105	16223	2.799	ng/ul	99
52) Acenaphthene	14.598	153	11353	1.469	ng/ul	96
56) Dibenzofuran	14.933	168	12603	1.145	ng/ul	97
61) Fluorene	15.579	166	16910	1.873	ng/ul	89
72) Phenanthrene	17.324	178	190320	14.479	ng/ul	99
74) Anthracene	17.412	178	38725	2.935	ng/ul	95
80) Fluoranthene	19.334	202	275170	18.375	ng/ul	98
82) Pyrene	19.698	202	64195	4.231	ng/ul	99
85) Benzo(a)anthracene	21.513	228	143640	9.656	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.413	149	24929	2.933	ng/ul#	97
87) Chrysene	21.578	228	107584m	7.625	ng/ul	
90) Benzo(b)fluoranthene	23.670	252	111731	6.881	ng/ul#	93
91) Benzo(k)fluoranthene	23.734	252	58966m	3.641	ng/ul	
95) Dibenzo(a,h)anthracene	28.294	278	19499m	1.250	ng/ul	

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

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Sample : 03504-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 23:37:05 2023
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