

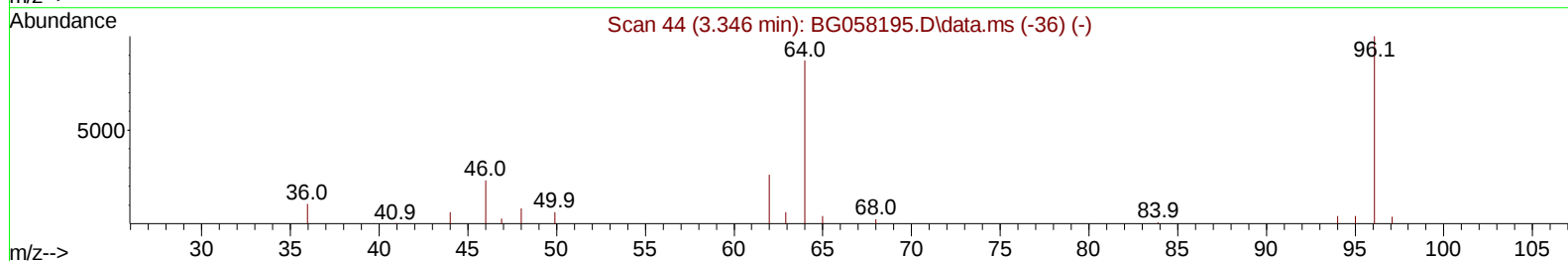
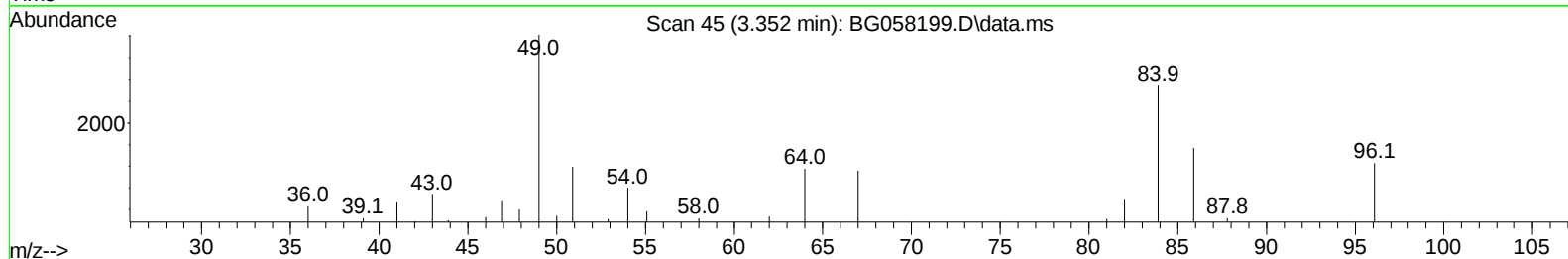
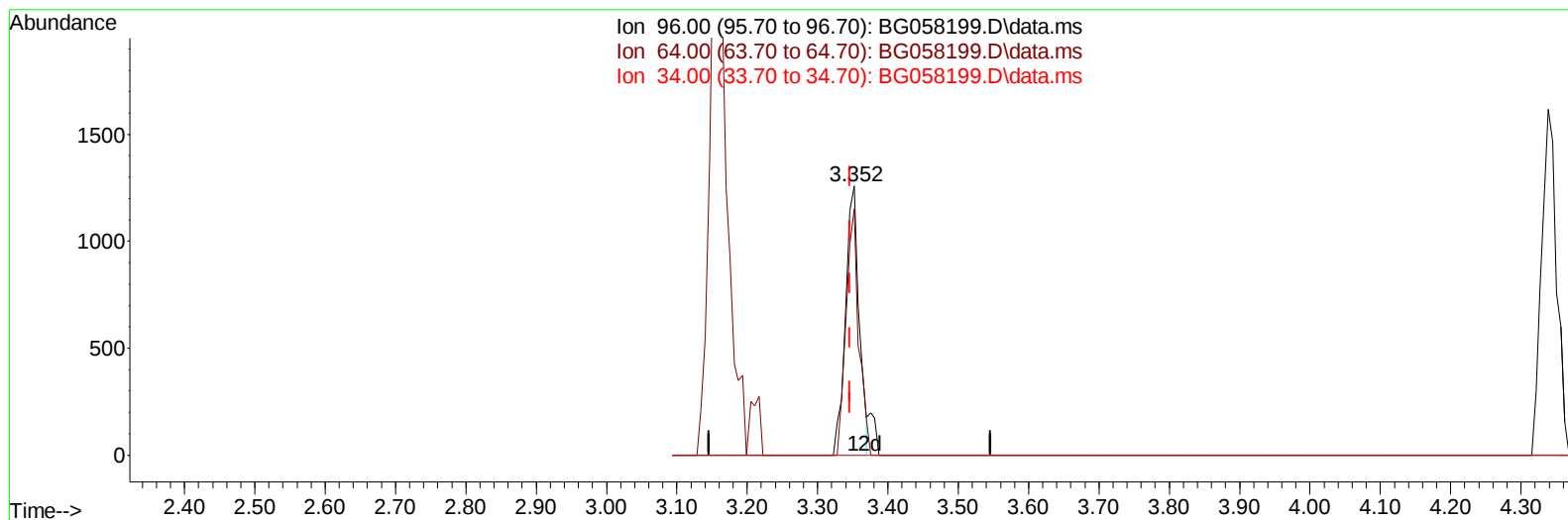
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:07:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

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

3.352min (+ 0.006) 1.15 ng/uL

response 1666

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.90	91.65
34.00	0.00	0.00
0.00	0.00	0.00

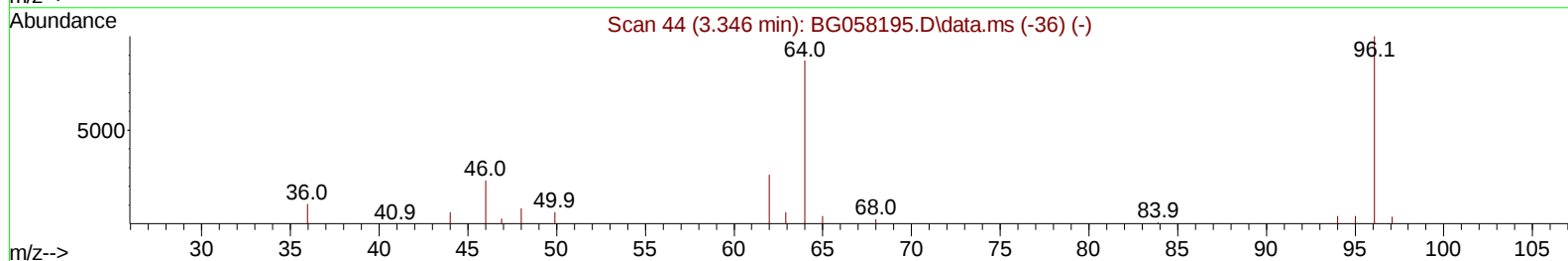
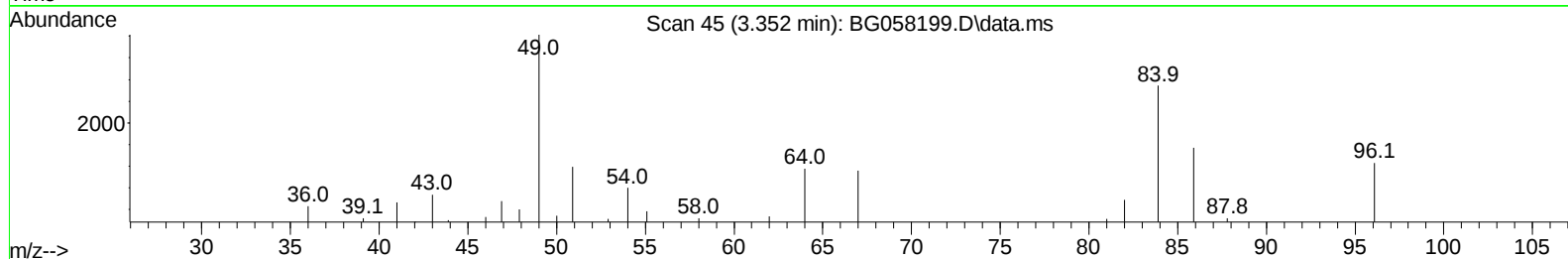
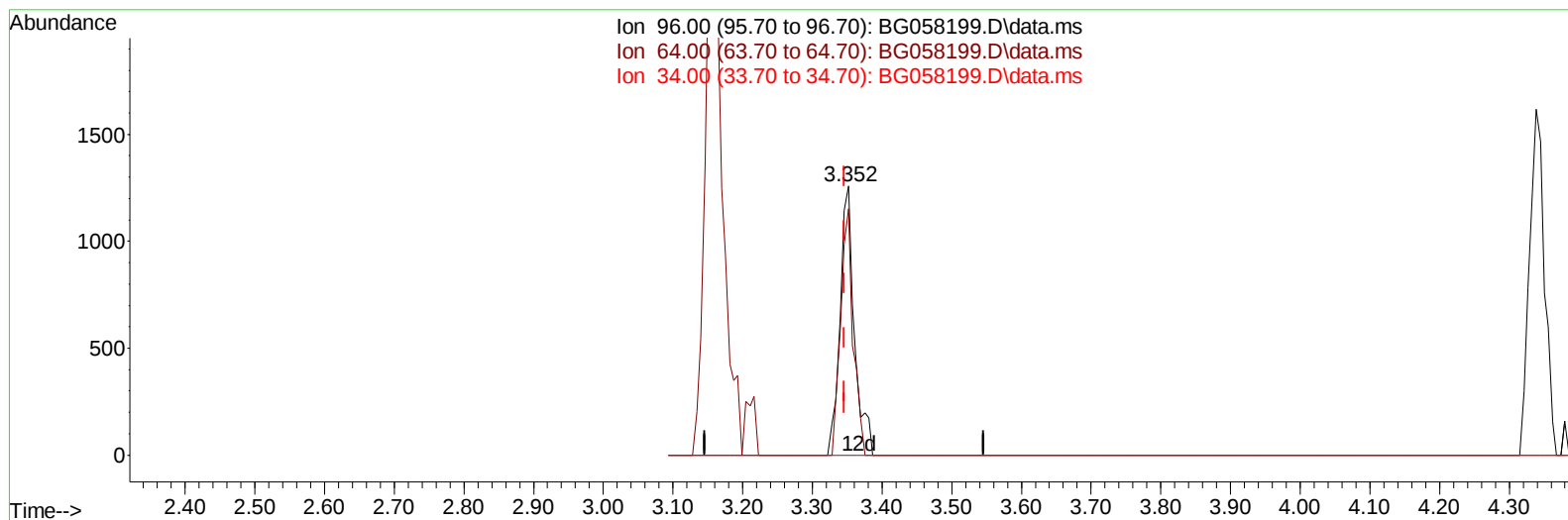
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:07:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

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

3.352min (+ 0.006) 1.24 ng/uL m

response 1797

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.90	91.65
34.00	0.00	0.00
0.00	0.00	0.00

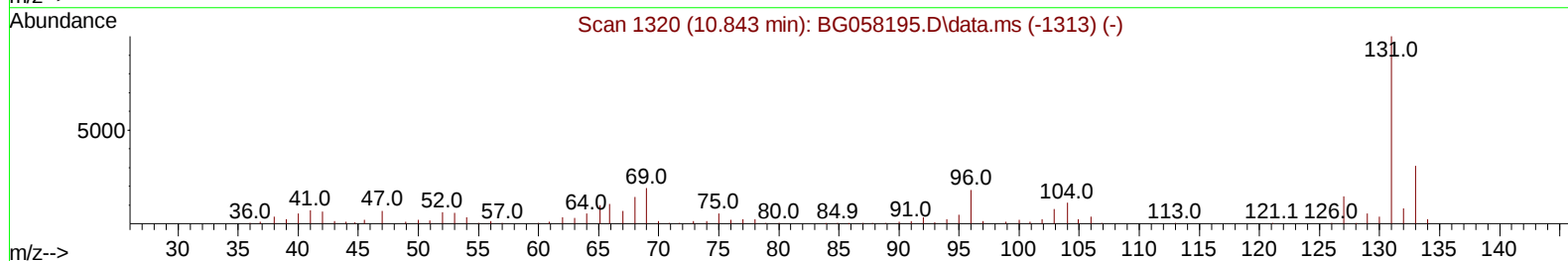
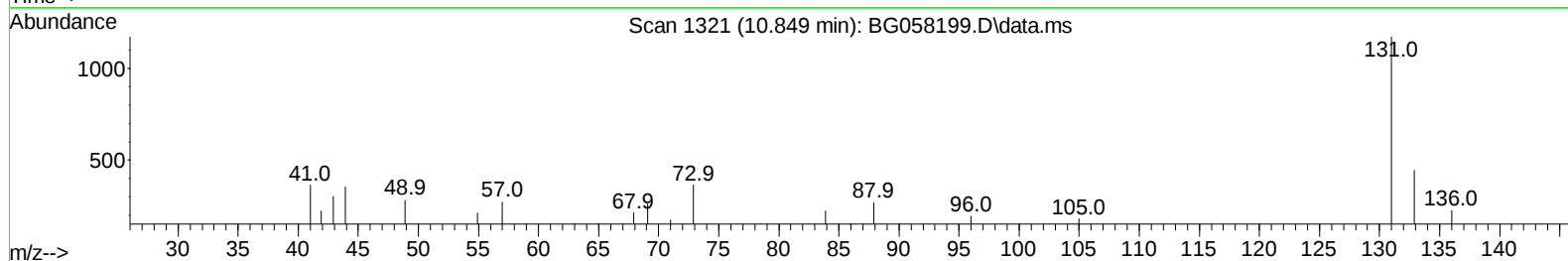
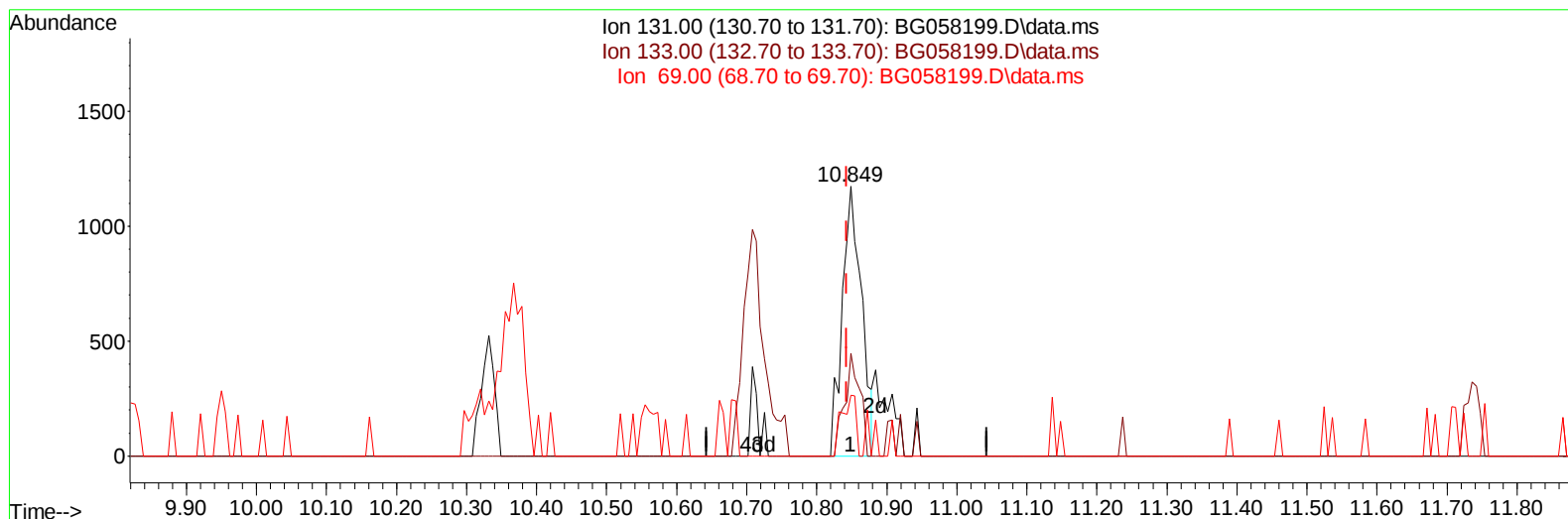
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058199.D
Acq On : 13 Jul 2023 15:13
Operator : CG/JU
Sample : 03414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 23:08:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration



TIC: BG058199.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.849min (+ 0.006) 0.40 ng/u1

response 2284

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.10	38.19#
69.00	18.00	22.51#
0.00	0.00	0.00

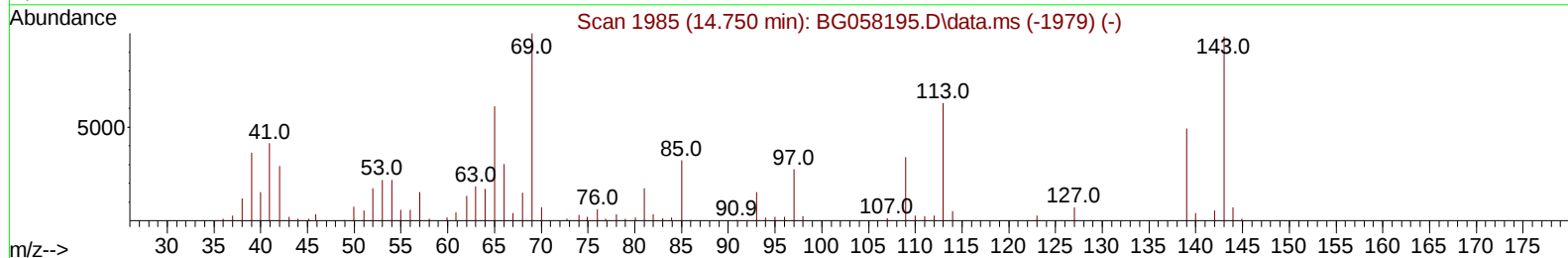
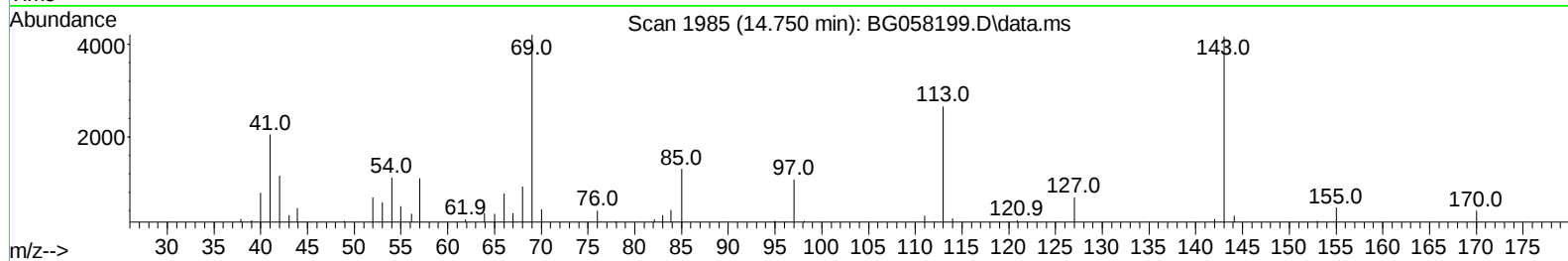
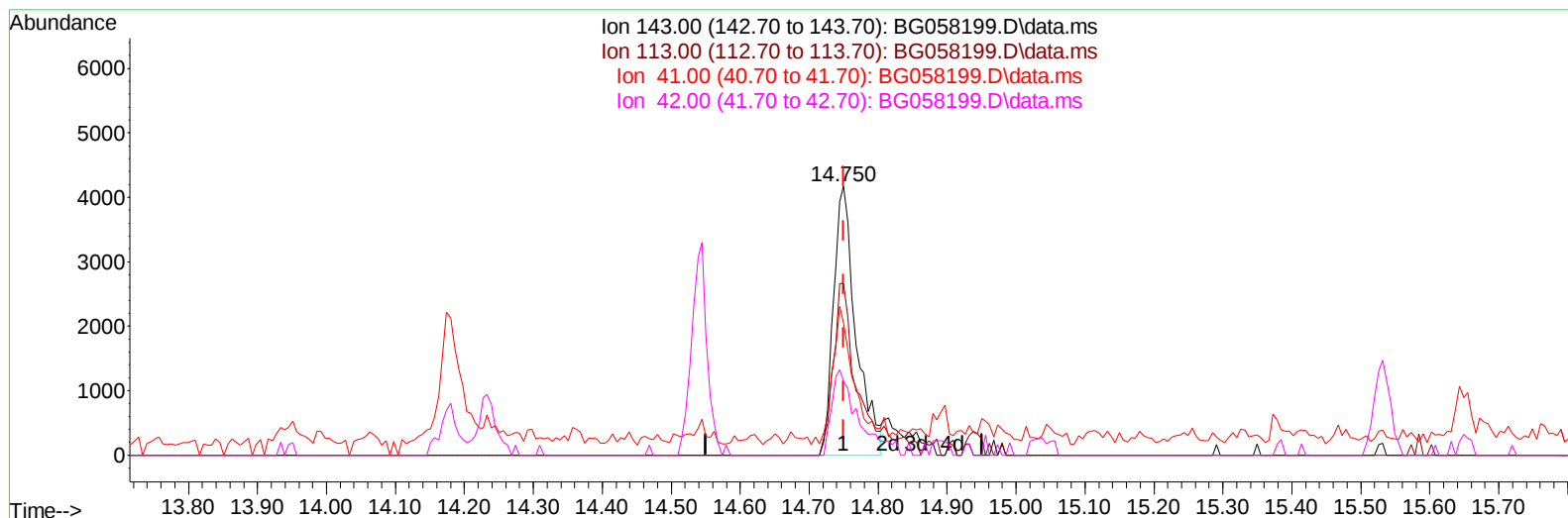
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:08:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.750min (-0.000) 3.99 ng/u1

response 9425

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	63.83
41.00	40.50	49.11#
42.00	27.50	27.59

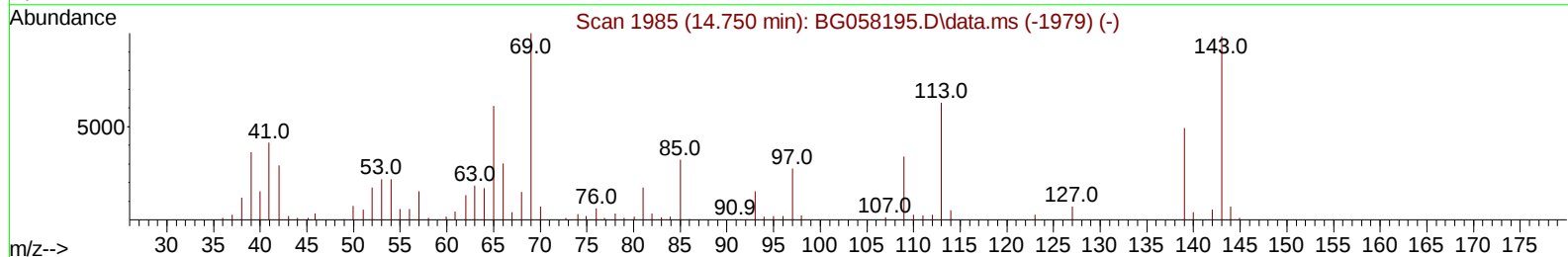
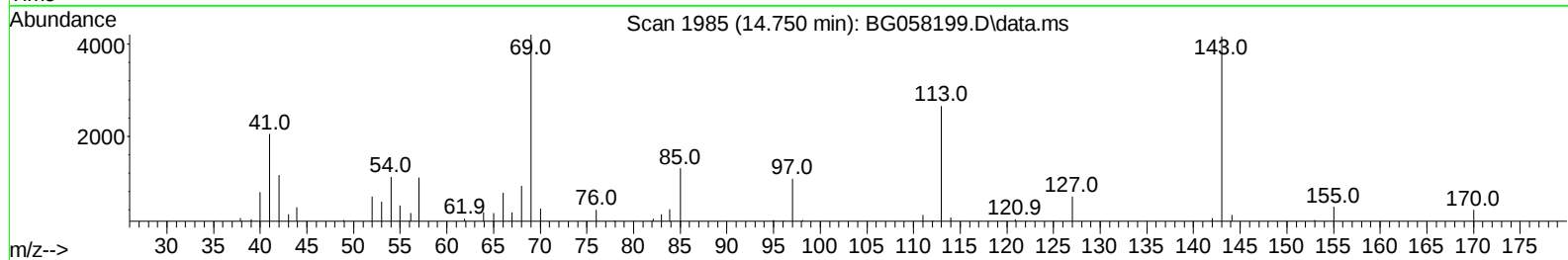
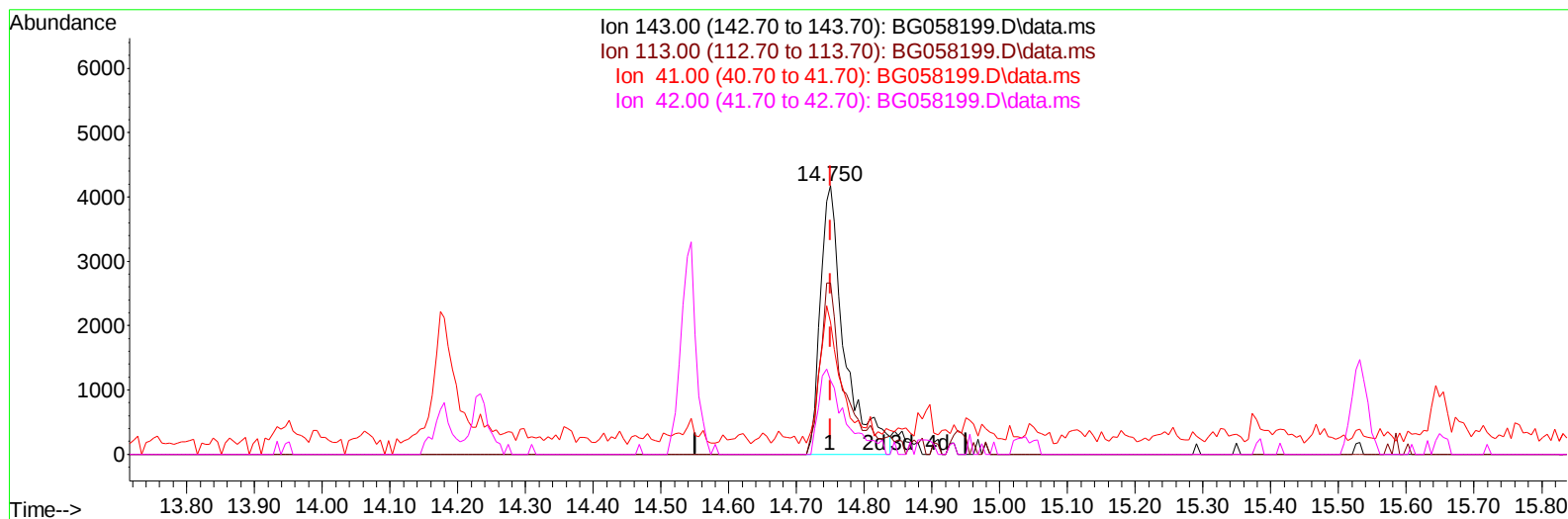
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:08:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.750min (-0.000) 4.37 ng/ul m

response 10316

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	63.83
41.00	40.50	49.11#
42.00	27.50	27.59

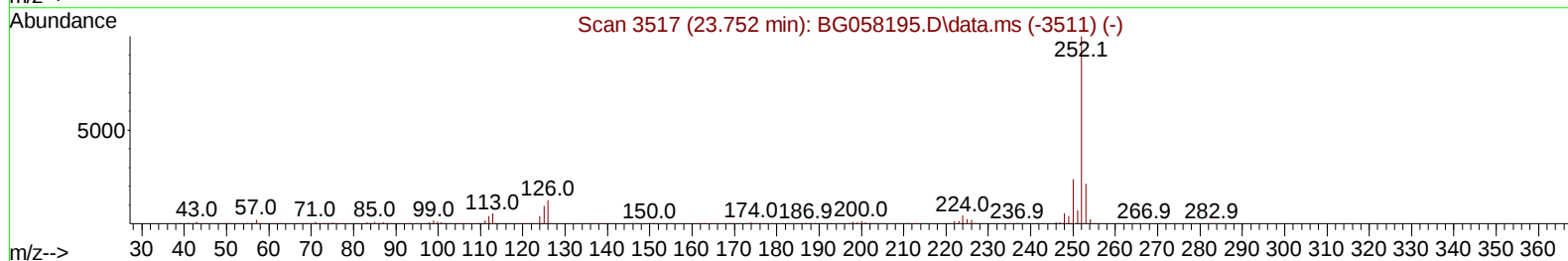
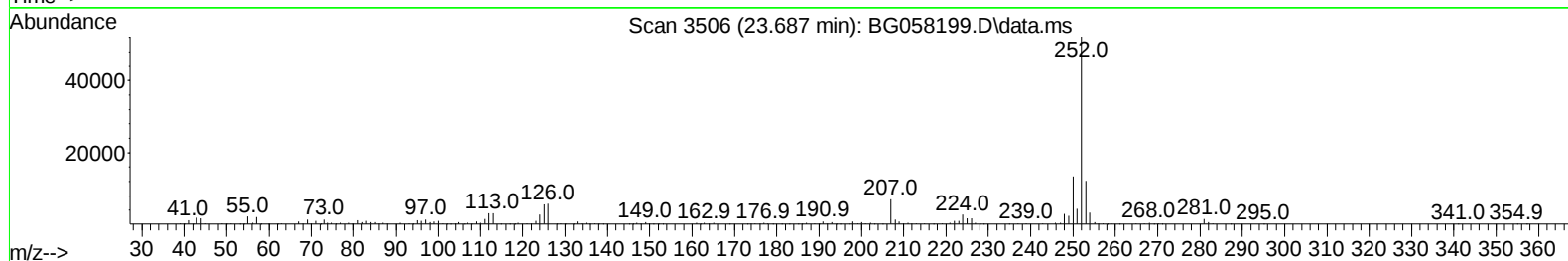
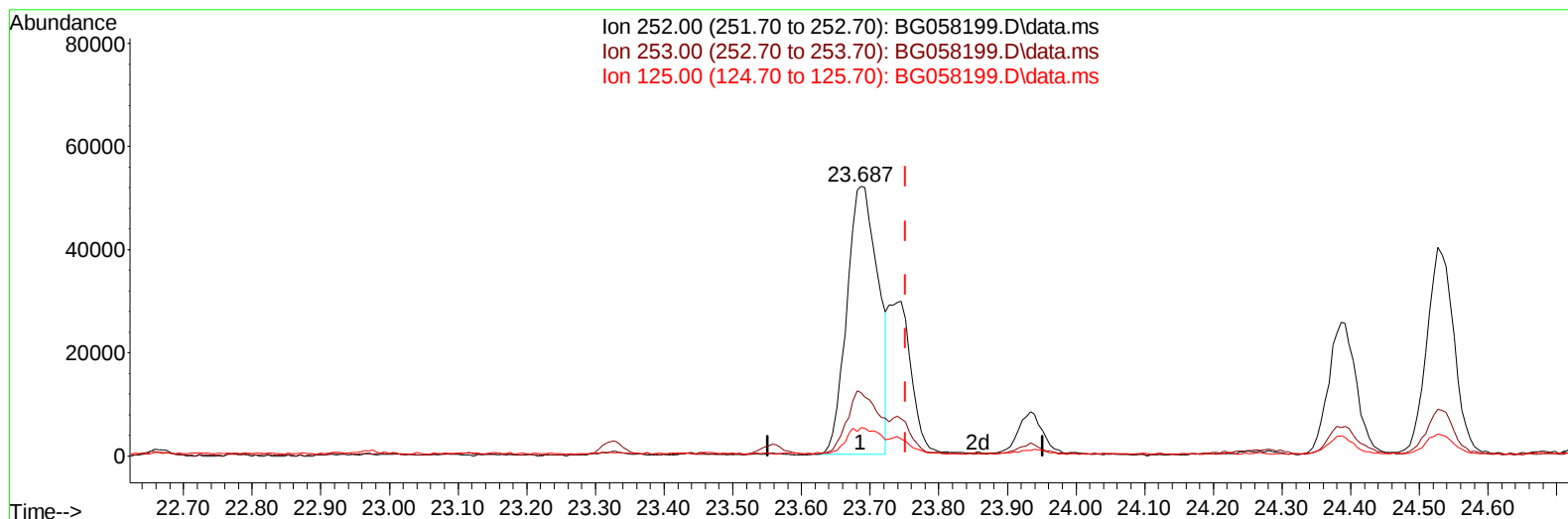
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058199.D
Acq On : 13 Jul 2023 15:13
Operator : CG/JU
Sample : 03414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 23:09:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration



TIC: BG058199.D\data.ms

(91) Benzo(k)fluoranthene

23.687min (-0.065) 6.29 ng/u1

response 164974

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.42
125.00	9.30	10.61
0.00	0.00	0.00

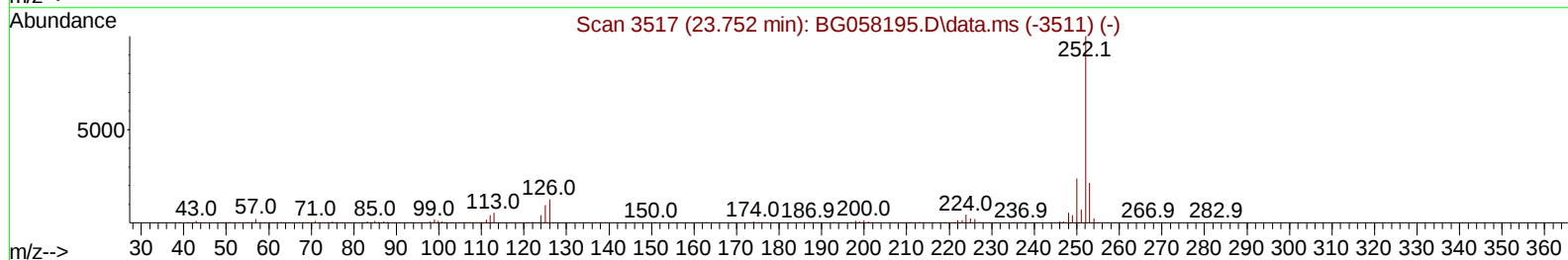
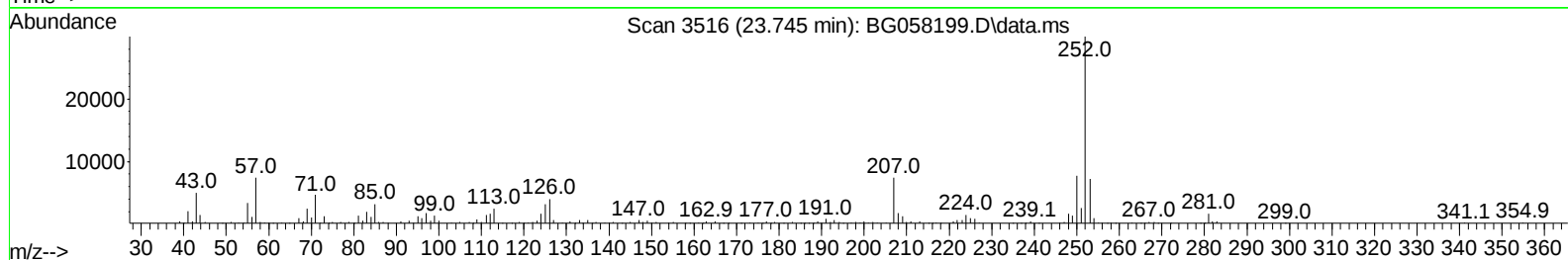
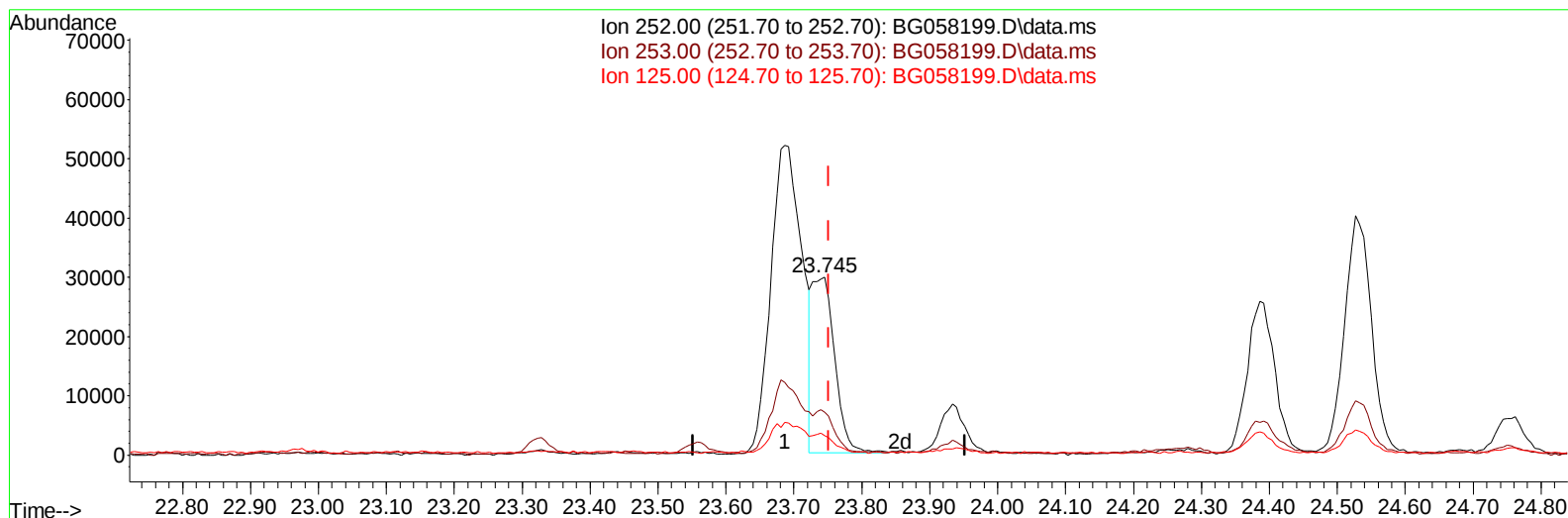
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 23:09:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration



TIC: BG058199.D\data.ms

(91) Benzo(k)fluoranthene

23.745min (-0.006) 2.60 ng/u1 m

response 68267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.12
125.00	9.30	10.77
0.00	0.00	0.00

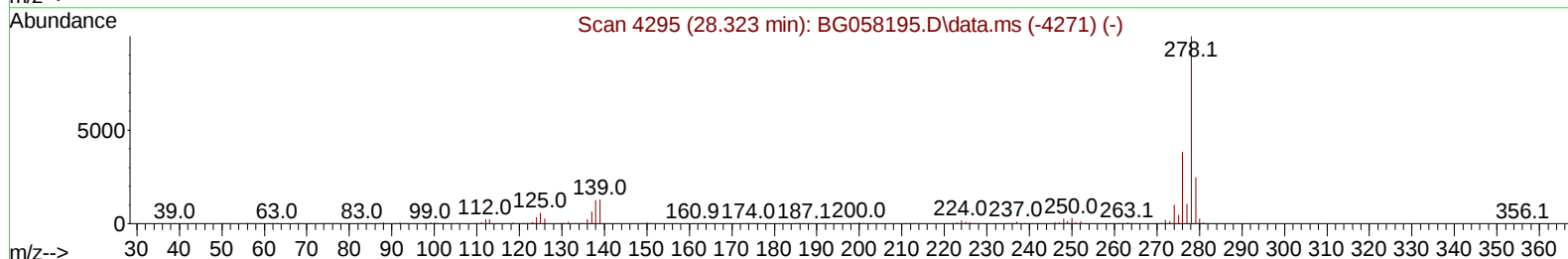
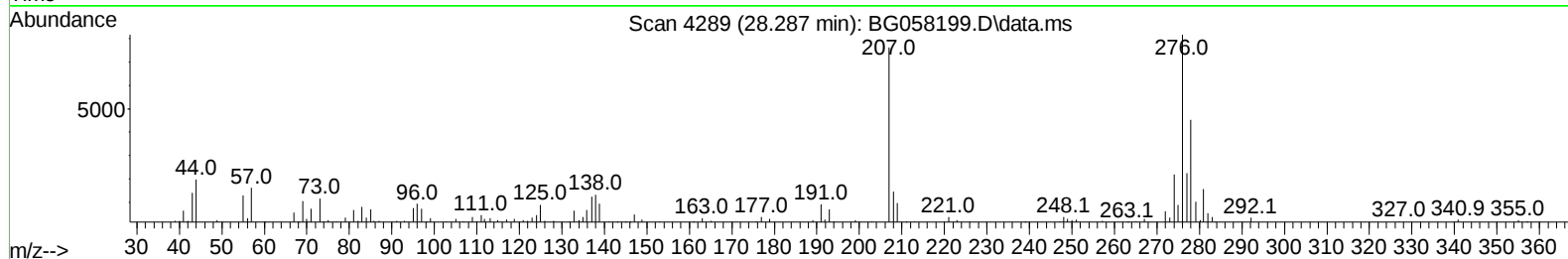
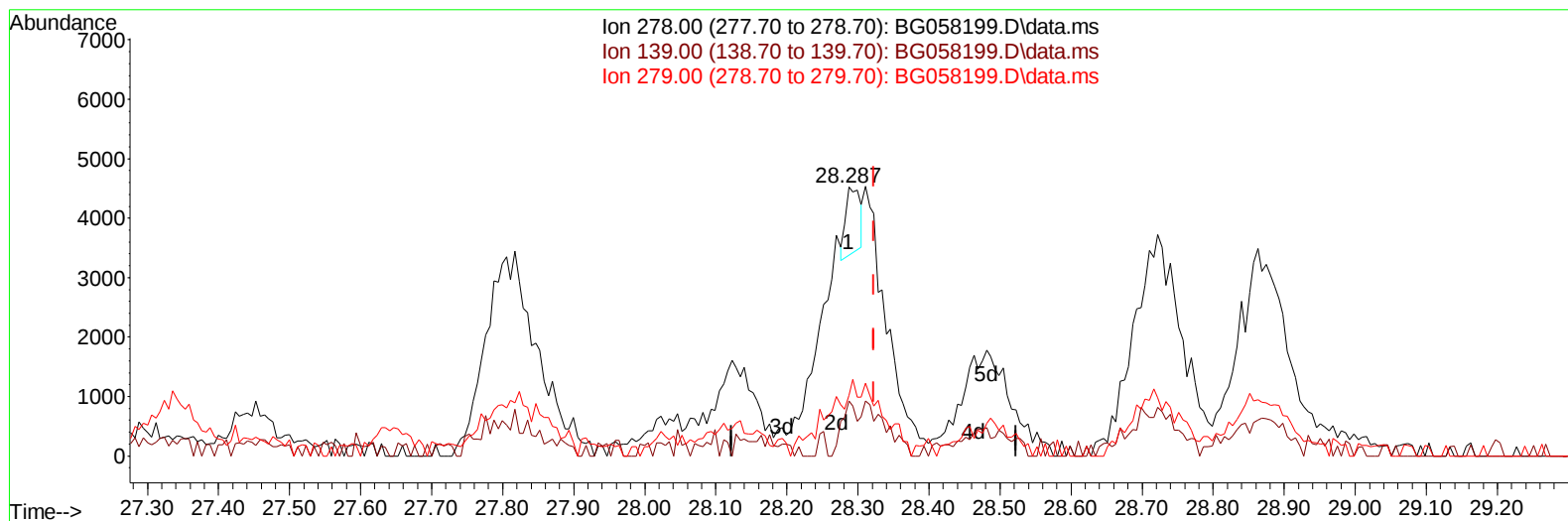
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:10:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

(95) Dibenzo(a,h)anthracene

28.287min (-0.036) 0.06 ng/u1

response 1603

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	20.54#
279.00	23.60	22.49
0.00	0.00	0.00

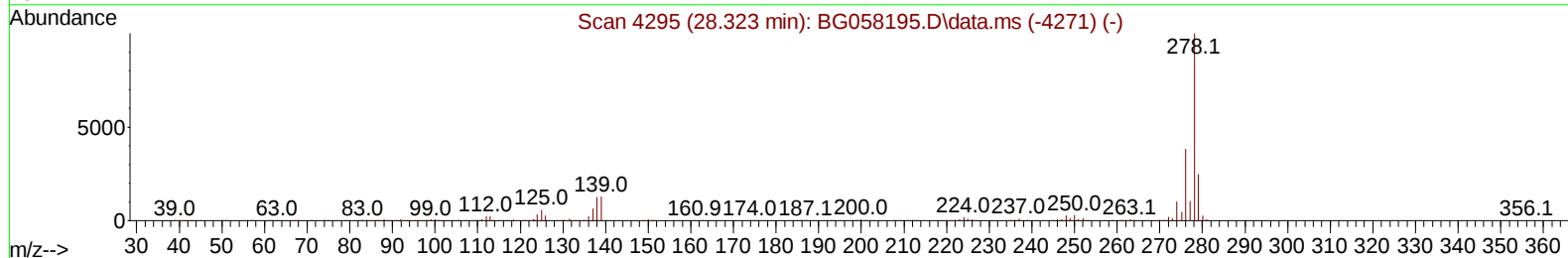
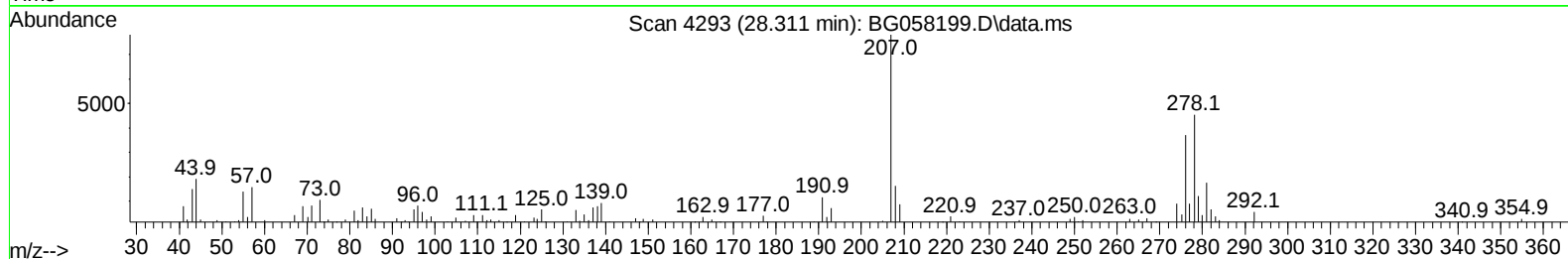
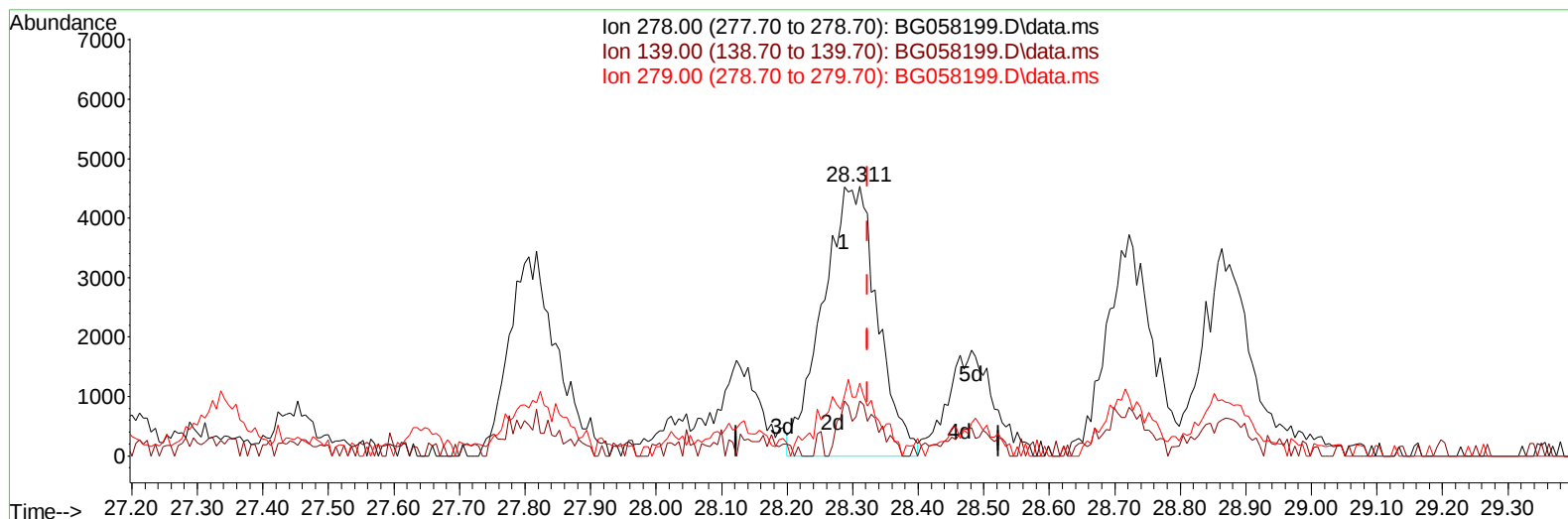
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:10:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

(95) Dibenzo(a,h)anthracene

28.311min (-0.012) 1.01 ng/ul m

response 26302

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	20.38#
279.00	23.60	26.94
0.00	0.00	0.00

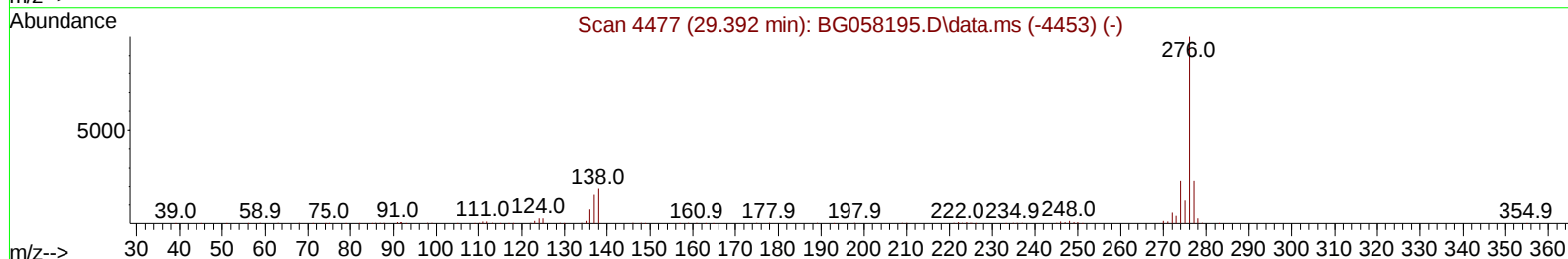
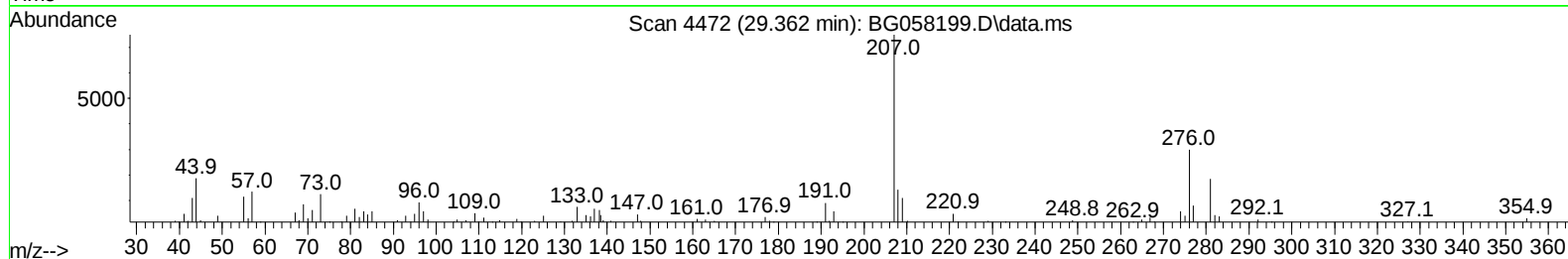
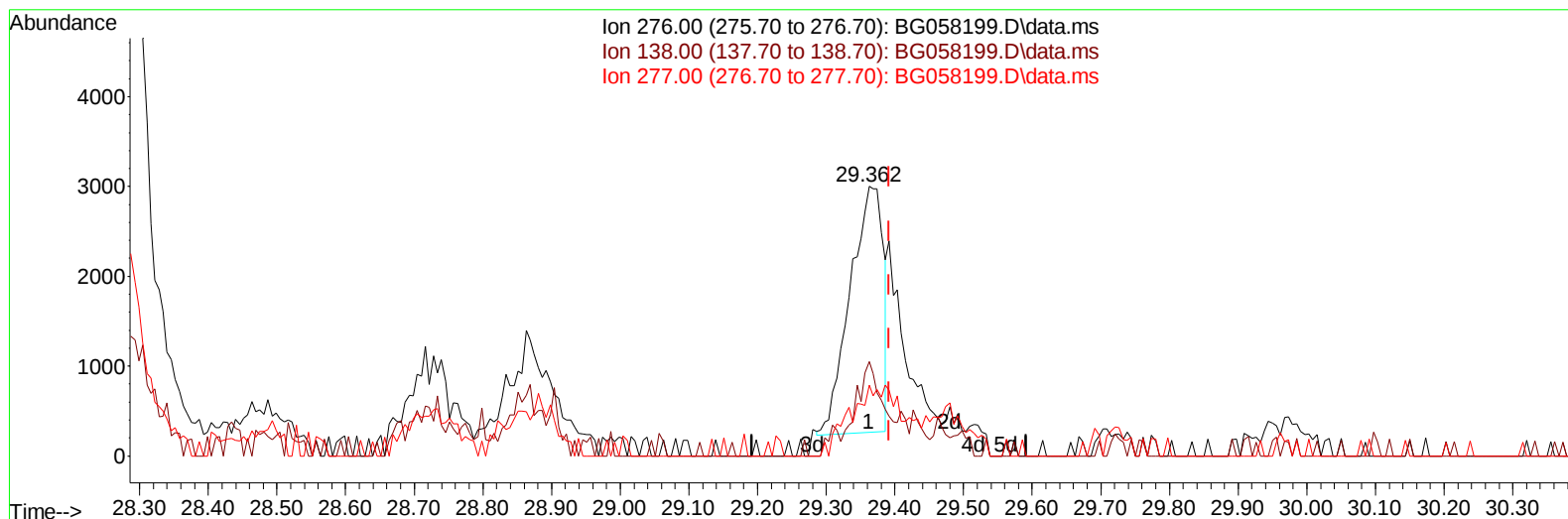
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:11:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



TIC: BG058199.D\data.ms

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

29.362min (-0.030) 0.36 ng/u1

response 9150

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	34.93#
277.00	23.20	26.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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 Operator : CG/JU
 Sample : 03414-01
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Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:11:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152		50616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.708	136		231245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164		169314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.288	188		406250	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240		349077	20.000	ng/ul	0.00
88) Perylene-d12	24.685	264		431899	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		1797m	1.243	ng/uL	0.00
4) Pyridine-d5	3.763	84		9010	2.053	ng/ul	0.01
7) Phenol-d5	7.071	99		36534	7.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67		22890	7.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132		25425	7.132	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113		18440	4.728	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128		13096	6.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.785	143		14571	7.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.332	165		27320	7.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.849	131		2856m	0.496	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166		102384	7.664	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160		111560	7.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143		10316m	4.371	ng/ul	0.00
60) Fluorene-d10	15.531	176		93377	8.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200		10130	4.592	ng/ul	0.00
73) Anthracene-d10	17.382	188		130782	6.938	ng/ul	0.00
81) Pyrene-d10	19.674	212		177391	8.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.462	264		156092	7.094	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.728	105		27619	4.268	ng/ul	98
52) Acenaphthene	14.603	153		11652	1.079	ng/ul	94
61) Fluorene	15.584	166		15447	1.226	ng/ul	100
72) Phenanthrene	17.329	178		243841	11.800	ng/ul	99
74) Anthracene	17.418	178		39381	1.883	ng/ul	98
77) Carbazole	17.694	167		19456	1.029	ng/ul	98
78) Di-n-butylphthalate	18.246	149		800120	33.212	ng/ul	99
80) Fluoranthene	19.339	202		317065	12.446	ng/ul	100
82) Pyrene	19.703	202		313583	12.229	ng/ul	99
85) Benzo(a)anthracene	21.519	228		155389	6.200	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.425	149		29098	1.953	ng/ul	100
87) Chrysene	21.583	228		156088	6.643	ng/ul	98
90) Benzo(b)fluoranthene	23.687	252		164974	6.169	ng/ul	98
91) Benzo(k)fluoranthene	23.745	252		68267m	2.604	ng/ul	
93) Benzo(a)pyrene	24.527	252		108998	4.605	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.246	276		78526	2.498	ng/ul	98
95) Dibenzo(a,h)anthracene	28.311	278		26302m	1.015	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058199.D
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Sample : 03414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 13 23:11:41 2023
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QLast Update : Thu Jul 13 14:01:20 2023
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Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

