

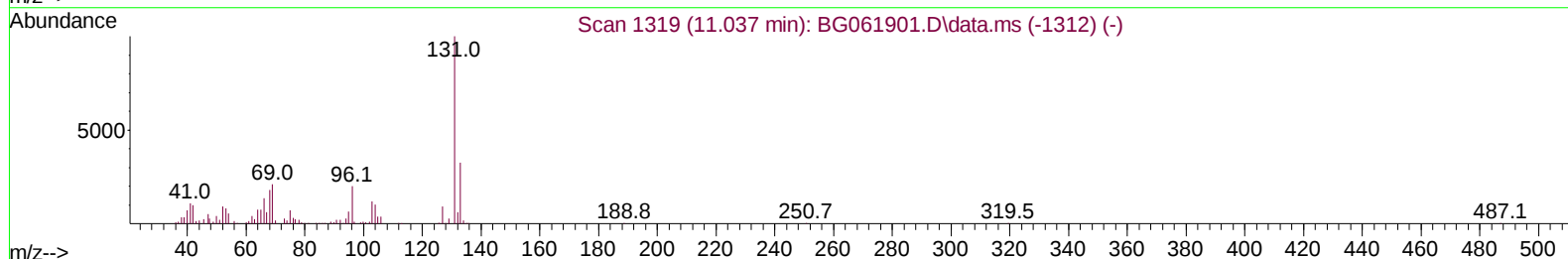
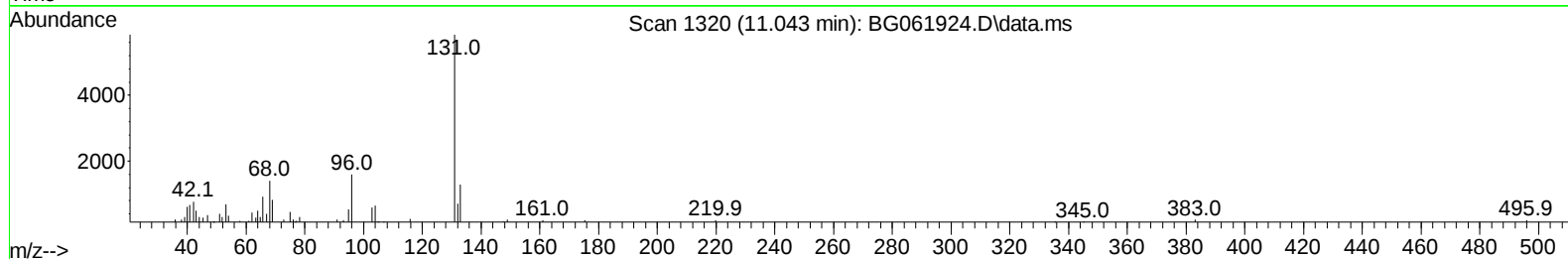
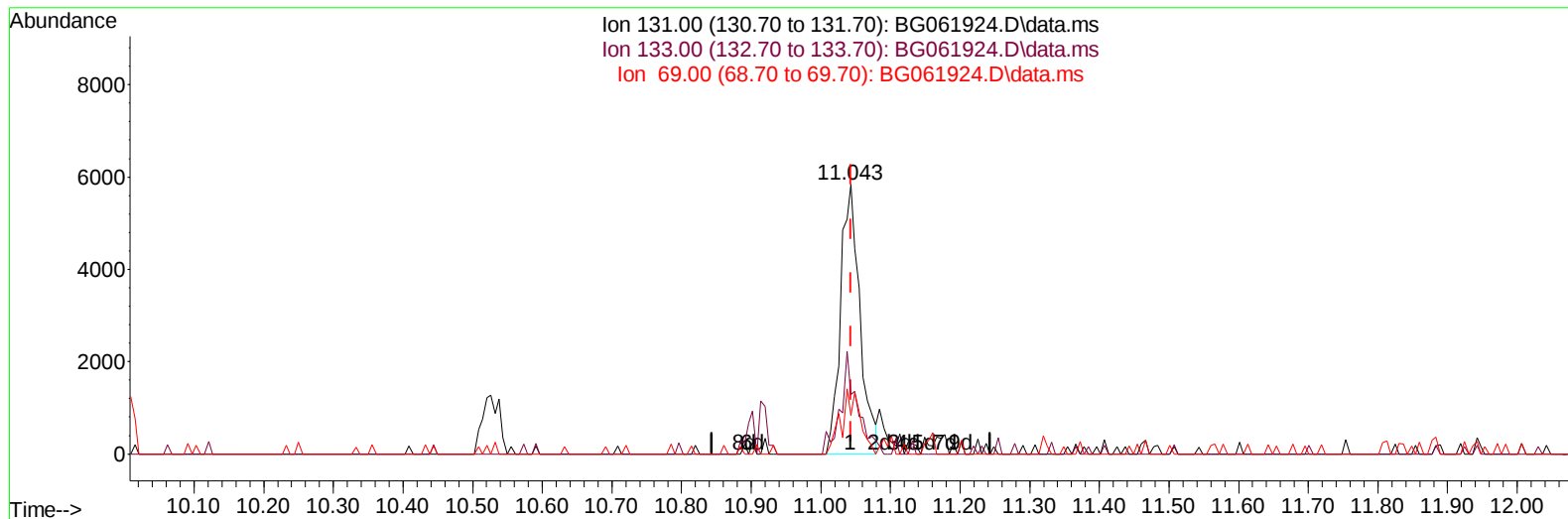
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.043min (-0.000) 2.54 ng/u1

response 11212

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	22.11#
69.00	21.00	14.30#
0.00	0.00	0.00

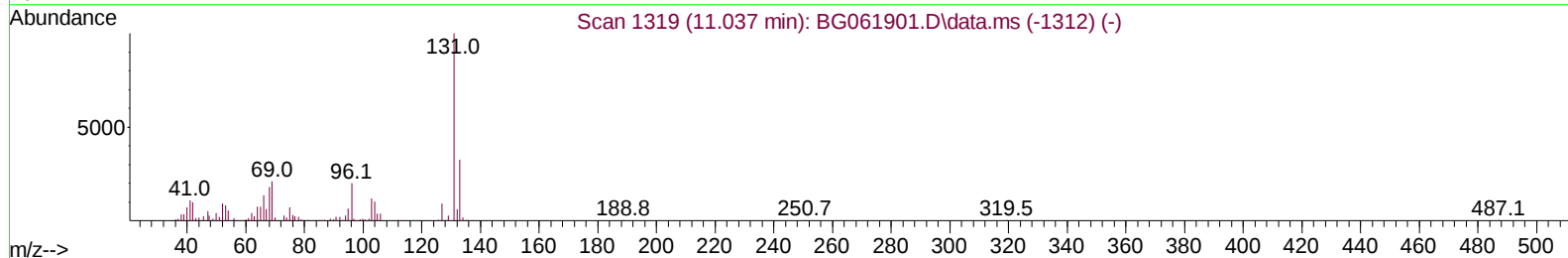
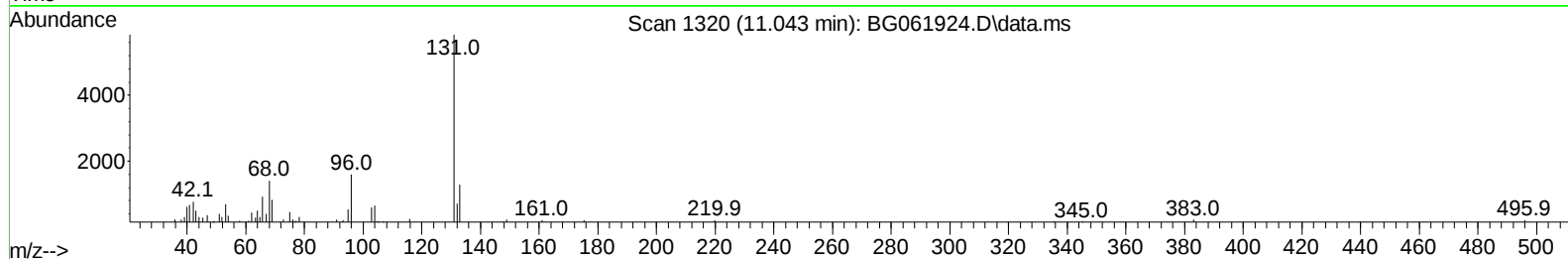
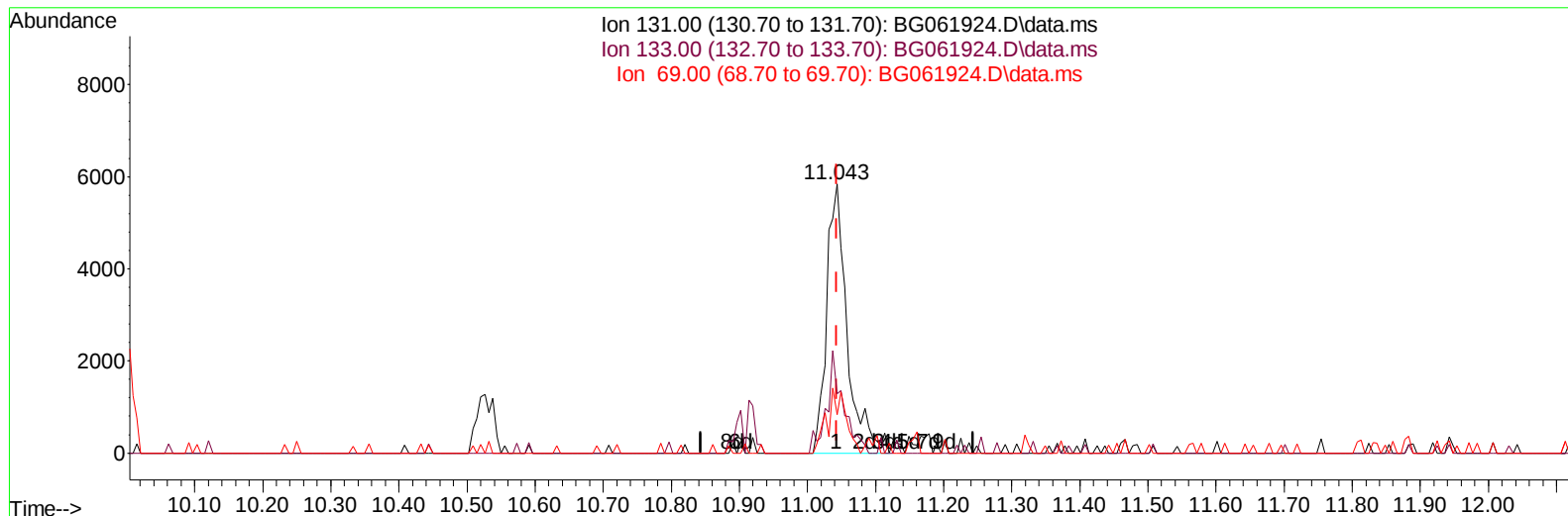
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.043min (-0.000) 2.75 ng/ul m

response 12177

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	22.11#
69.00	21.00	14.30#
0.00	0.00	0.00

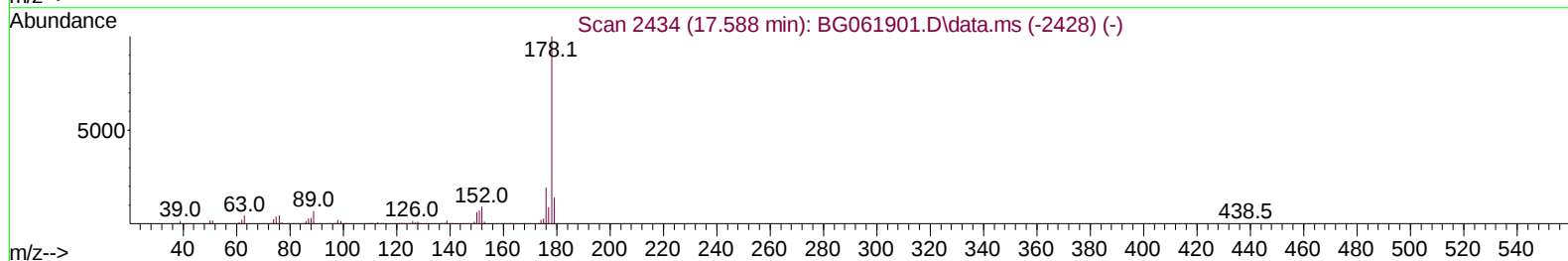
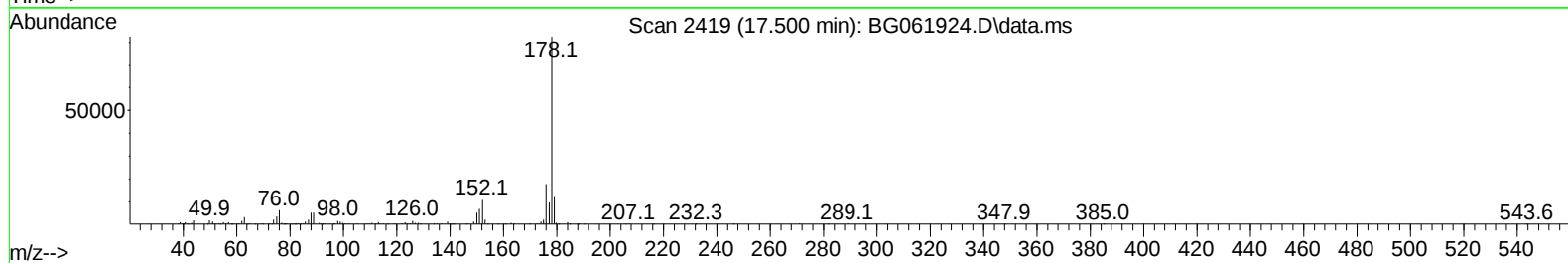
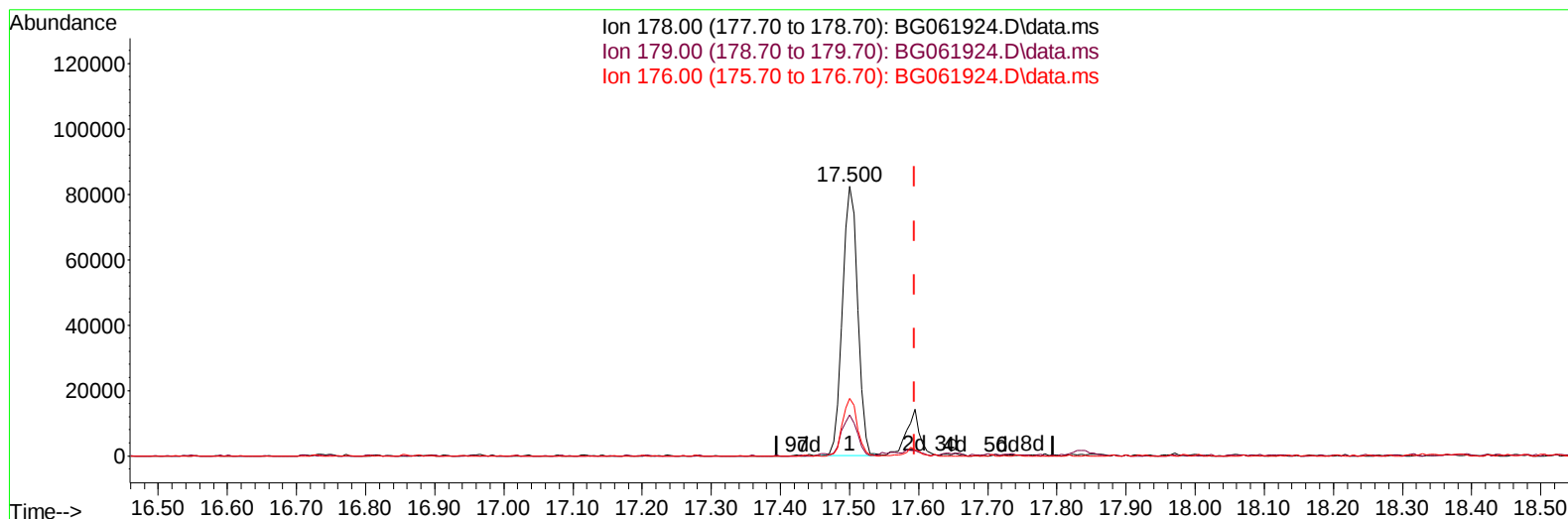
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:03:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(74) Anthracene

17.500min (-0.094) 6.88 ng/u1

response 125434

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.17
176.00	18.40	21.41
0.00	0.00	0.00

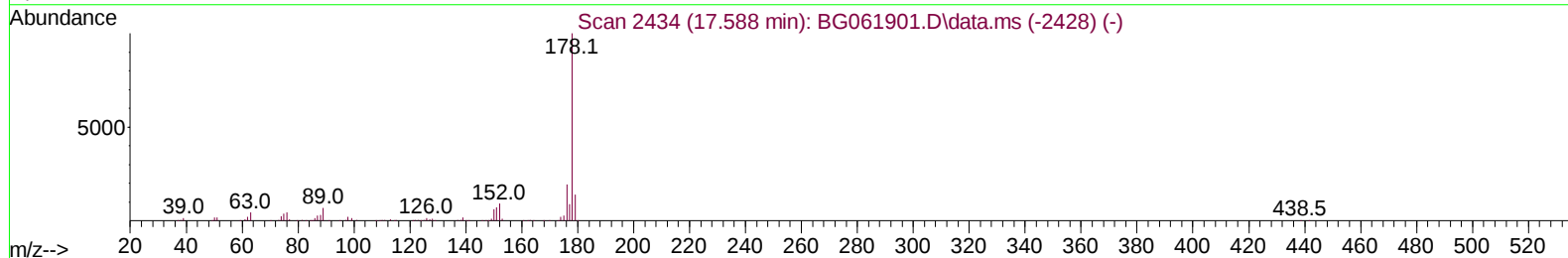
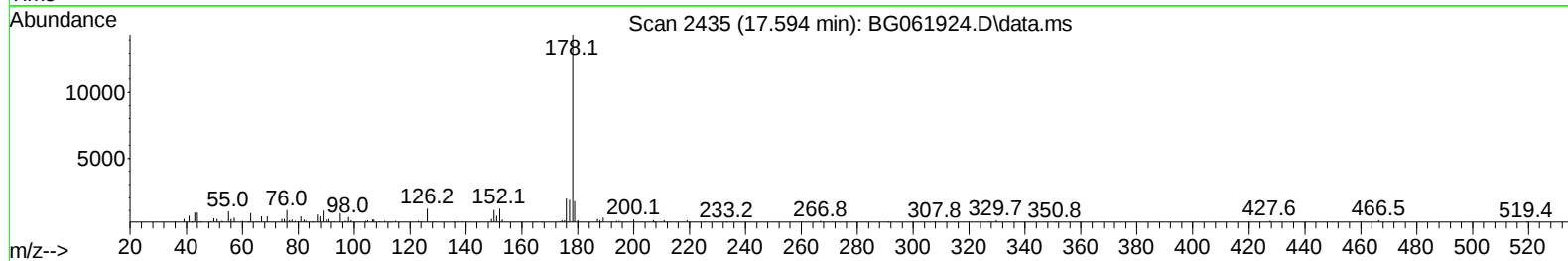
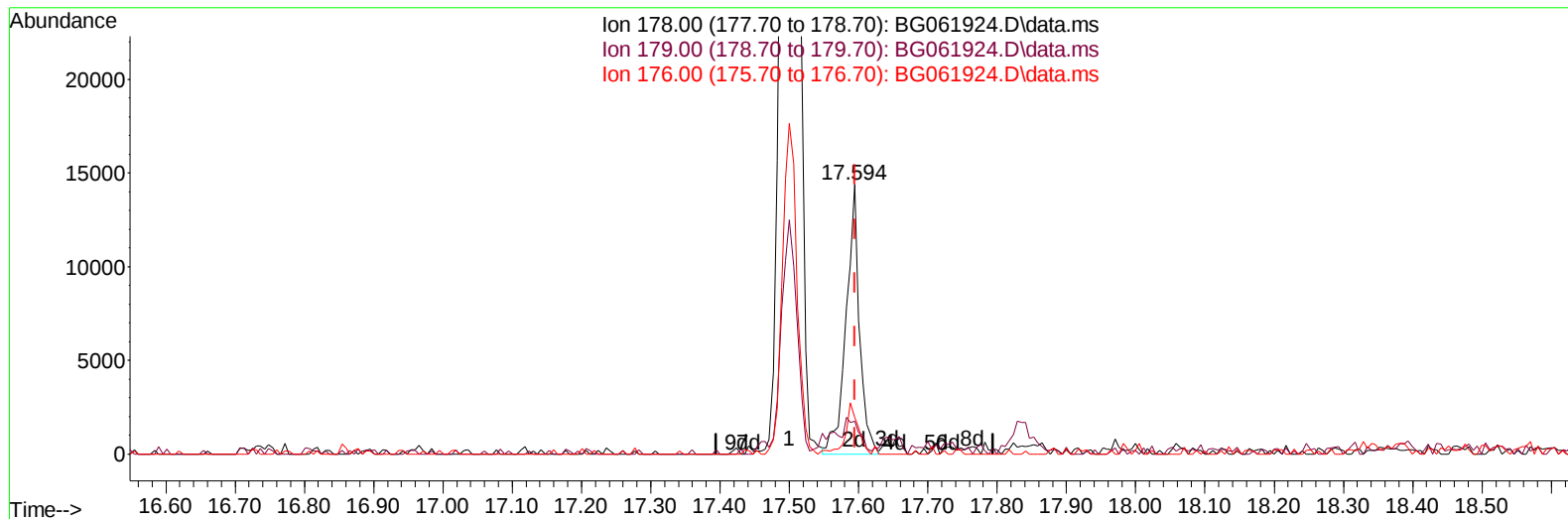
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:03:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(74) Anthracene

17.594min (-0.000) 1.06 ng/u1 m

response 19364

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	12.23
176.00	18.40	13.55#
0.00	0.00	0.00

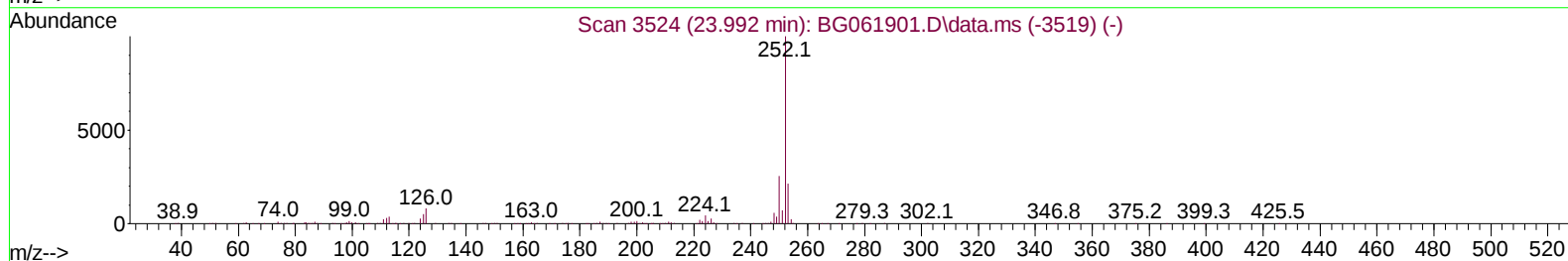
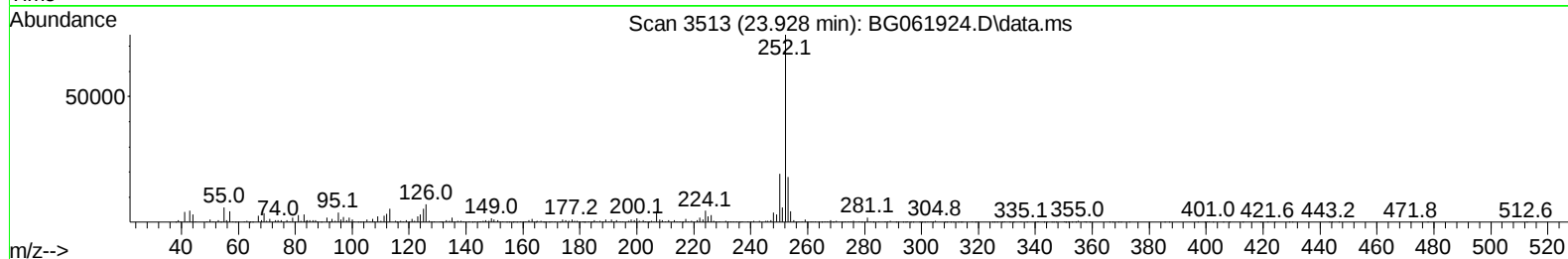
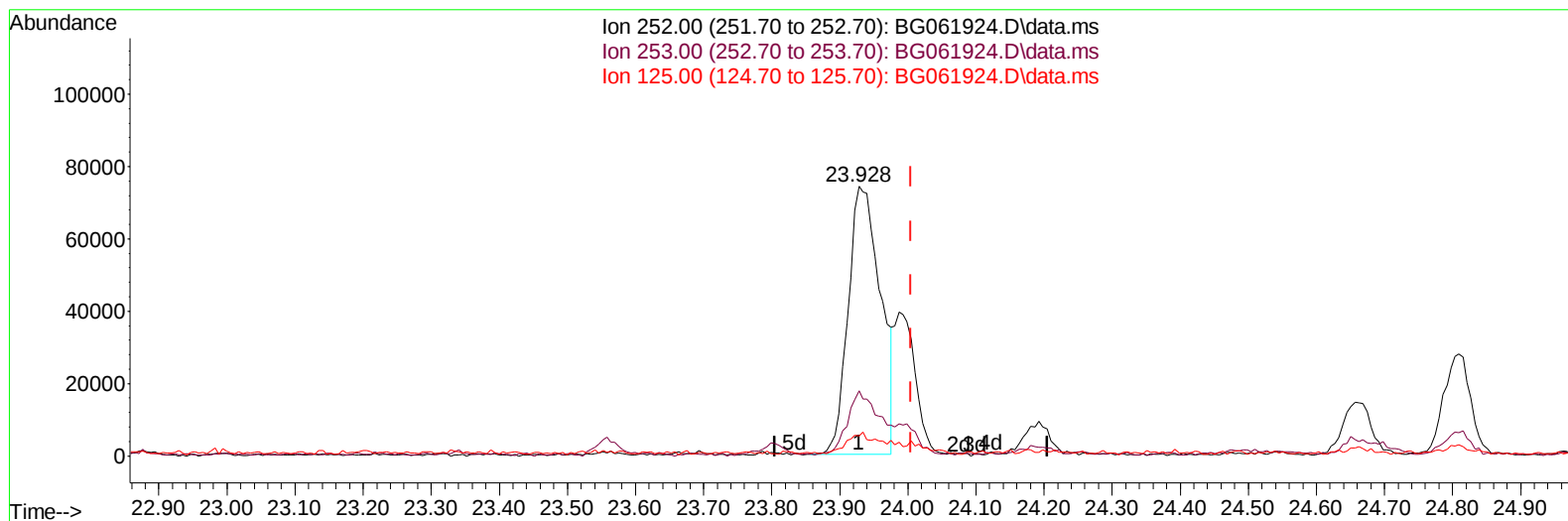
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(91) Benzo(k)fluoranthene

23.928min (-0.077) 11.06 ng/u1

response 244475

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	24.22
125.00	7.90	7.39
0.00	0.00	0.00

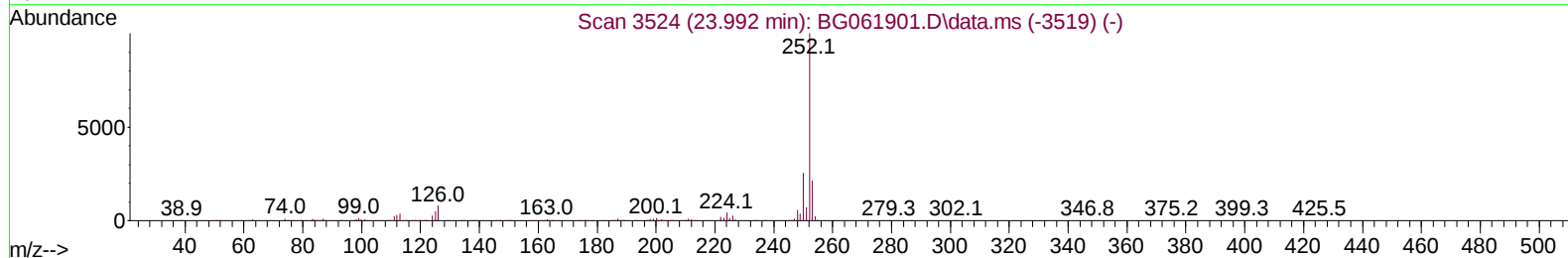
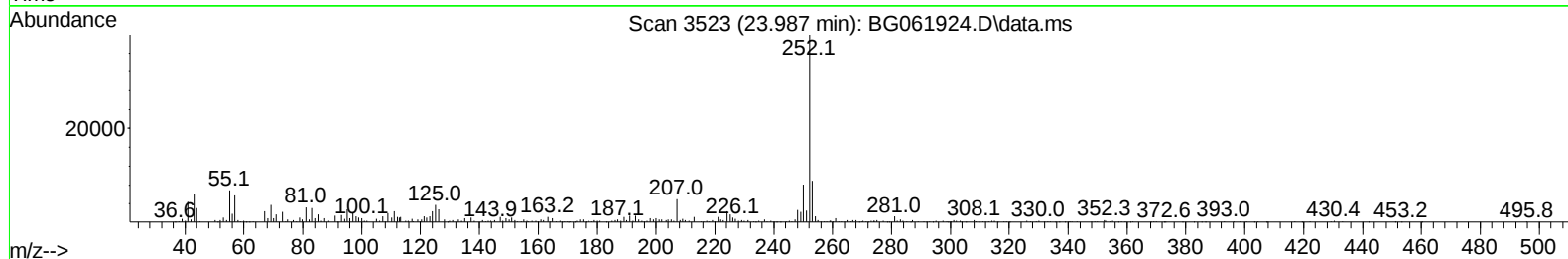
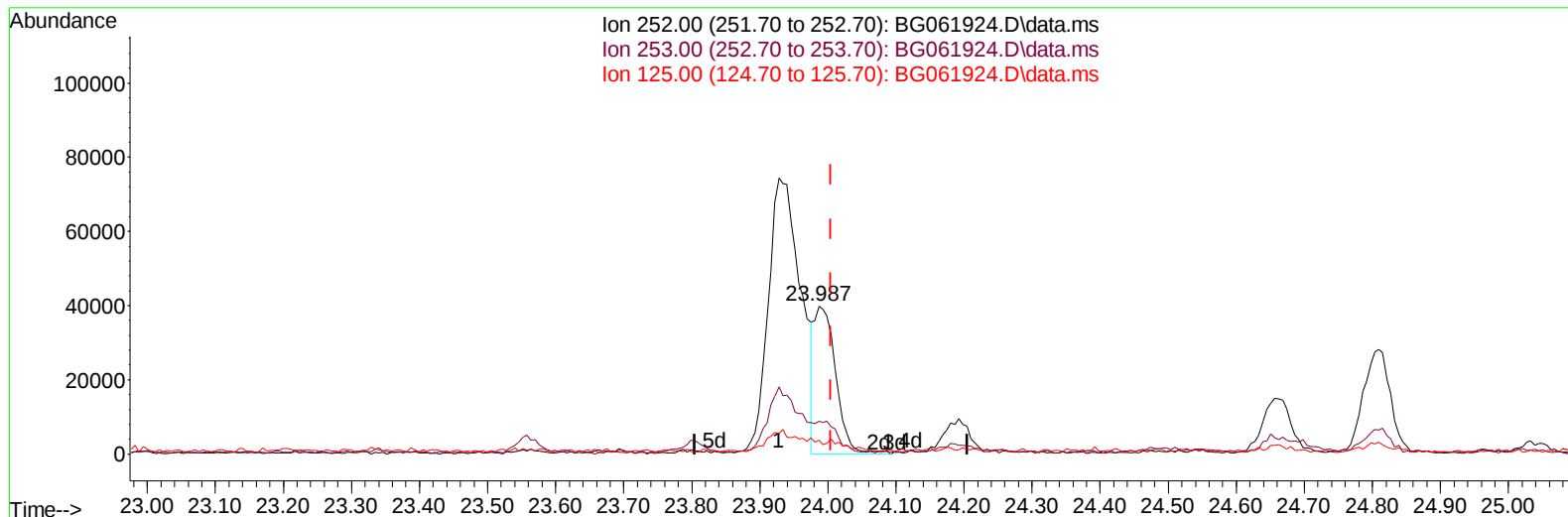
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(91) Benzo(k)fluoranthene

23.987min (-0.018) 3.95 ng/u1 m

response 87209

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.22
125.00	7.90	9.35
0.00	0.00	0.00

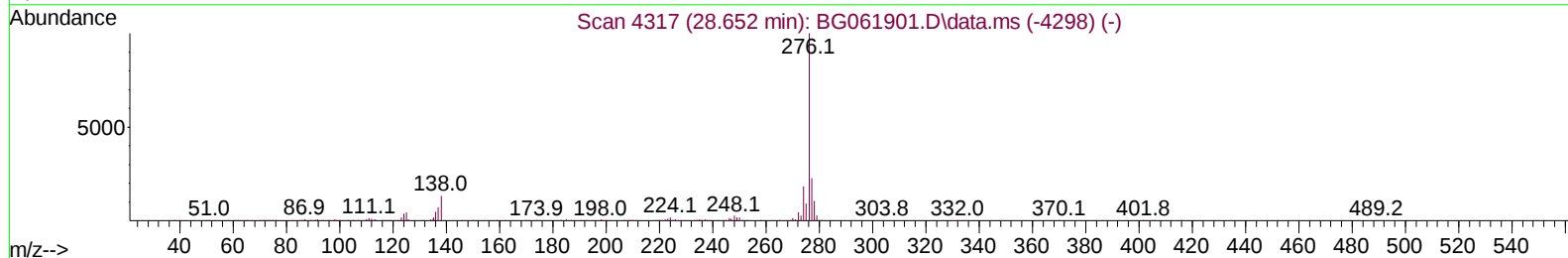
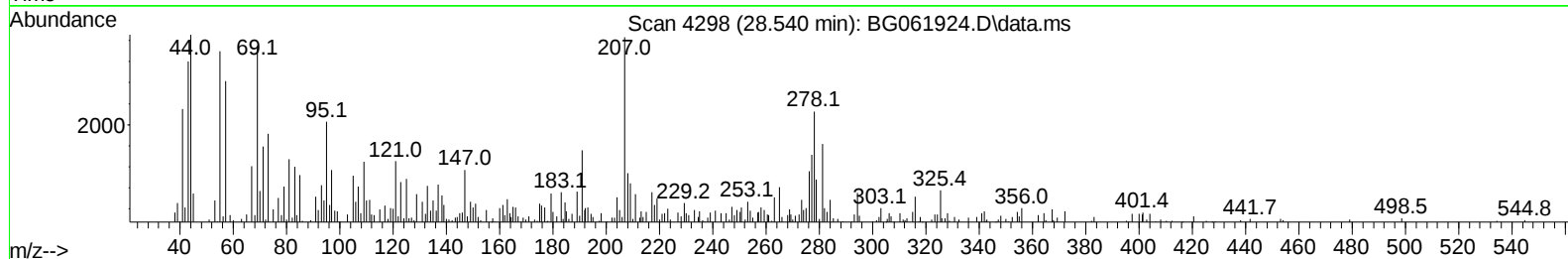
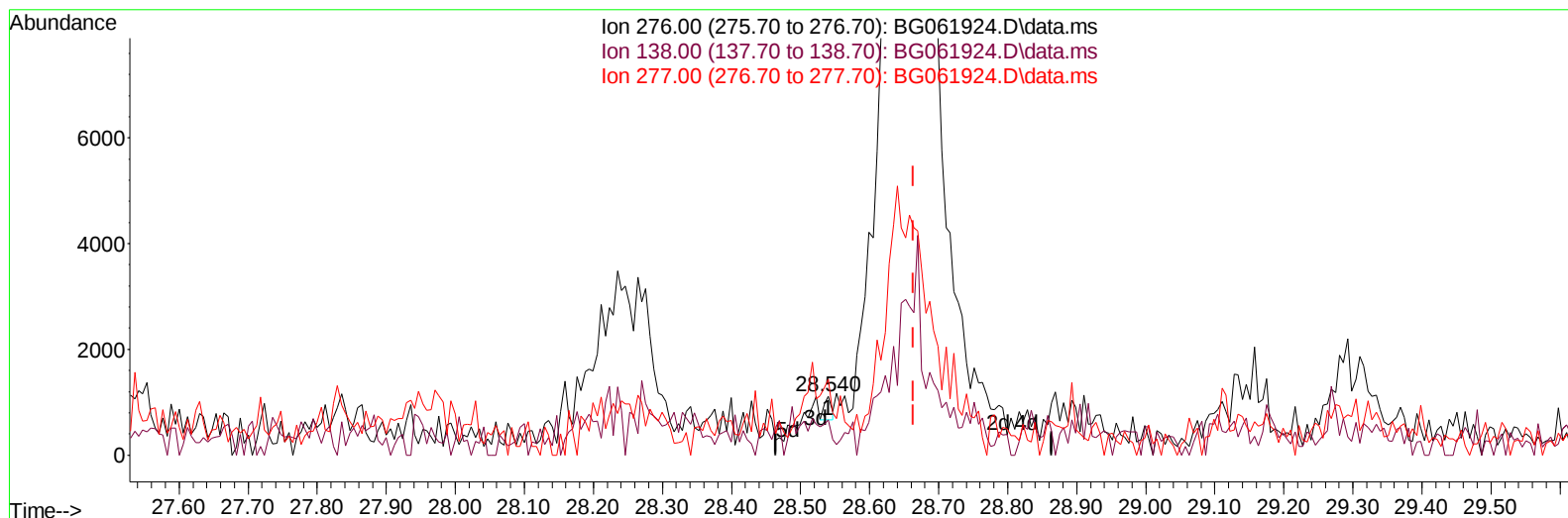
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061924.D
 Acq On : 6 Jul 2024 10:41
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:07:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

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

28.540min (-0.124) 0.01 ng/u1

response 313

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	59.43#
277.00	24.10	128.46#
0.00	0.00	0.00

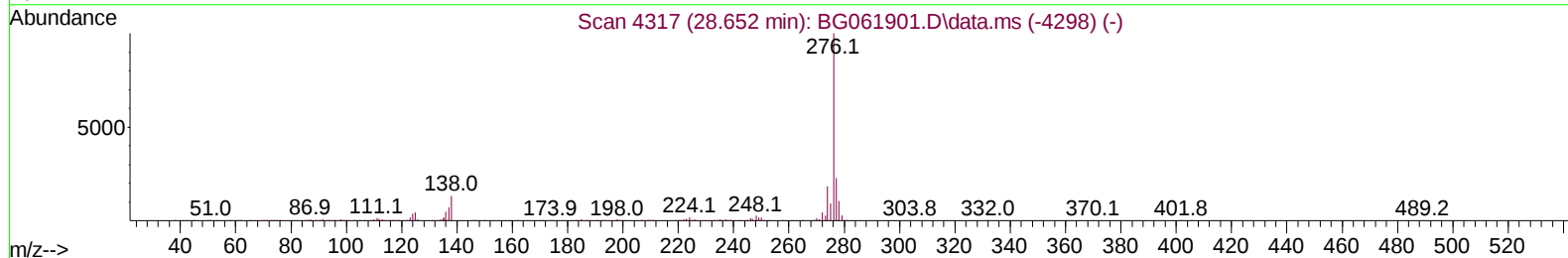
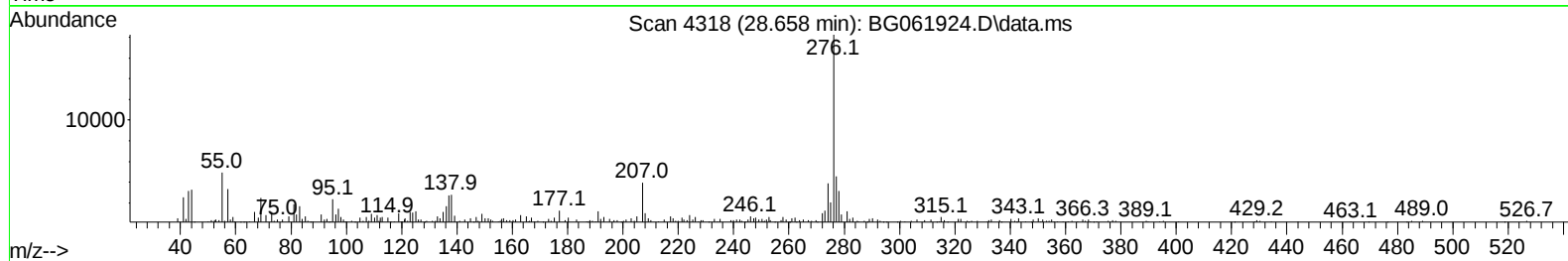
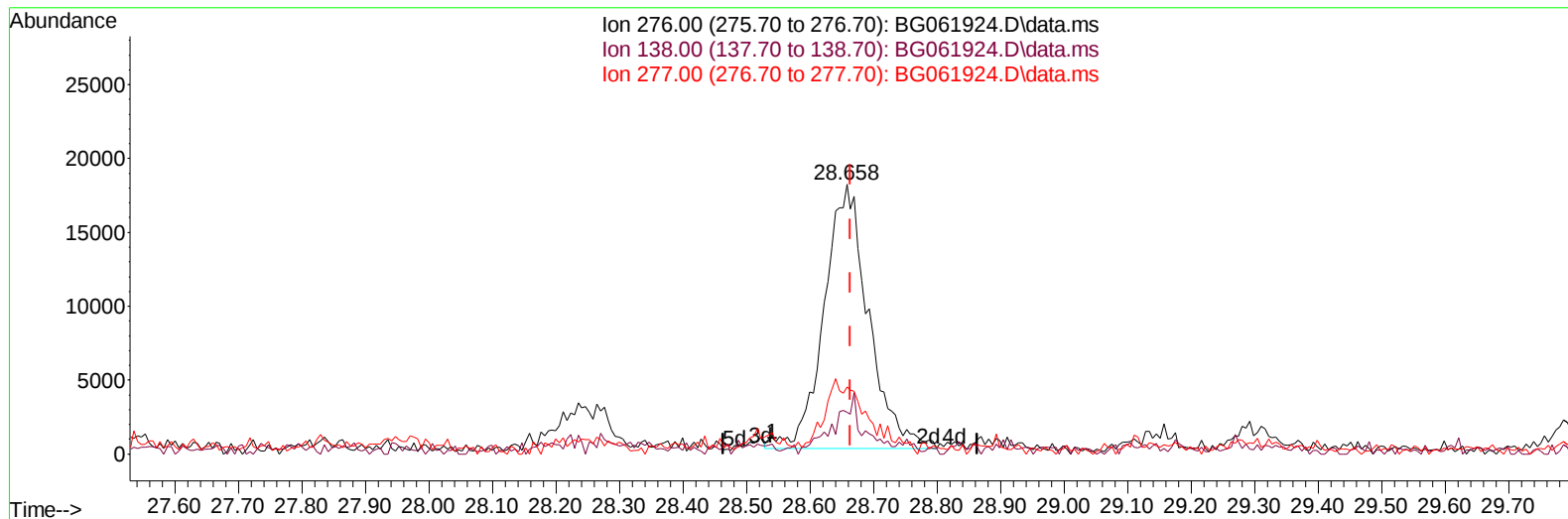
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:07:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

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

28.658min (-0.006) 3.24 ng/ul m

response 86884

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	15.43
277.00	24.10	24.90
0.00	0.00	0.00

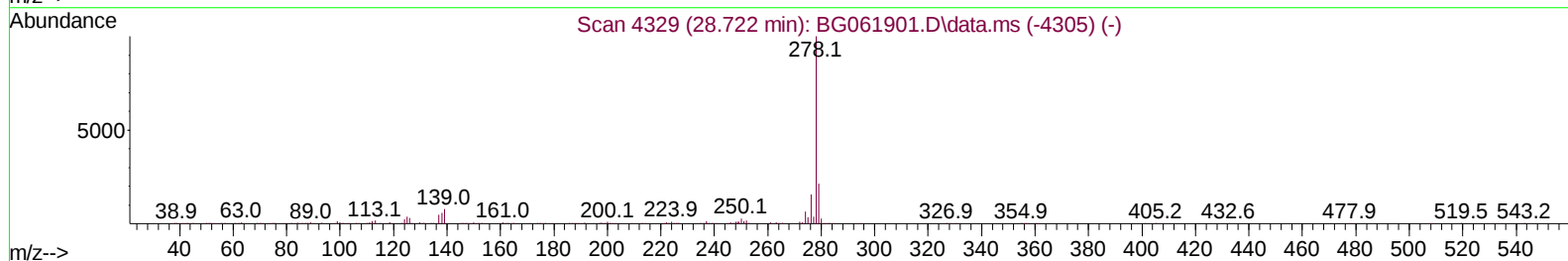
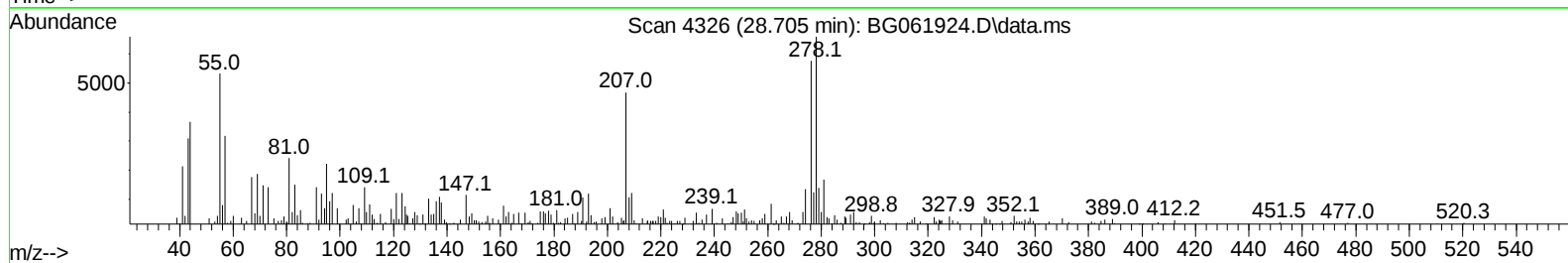
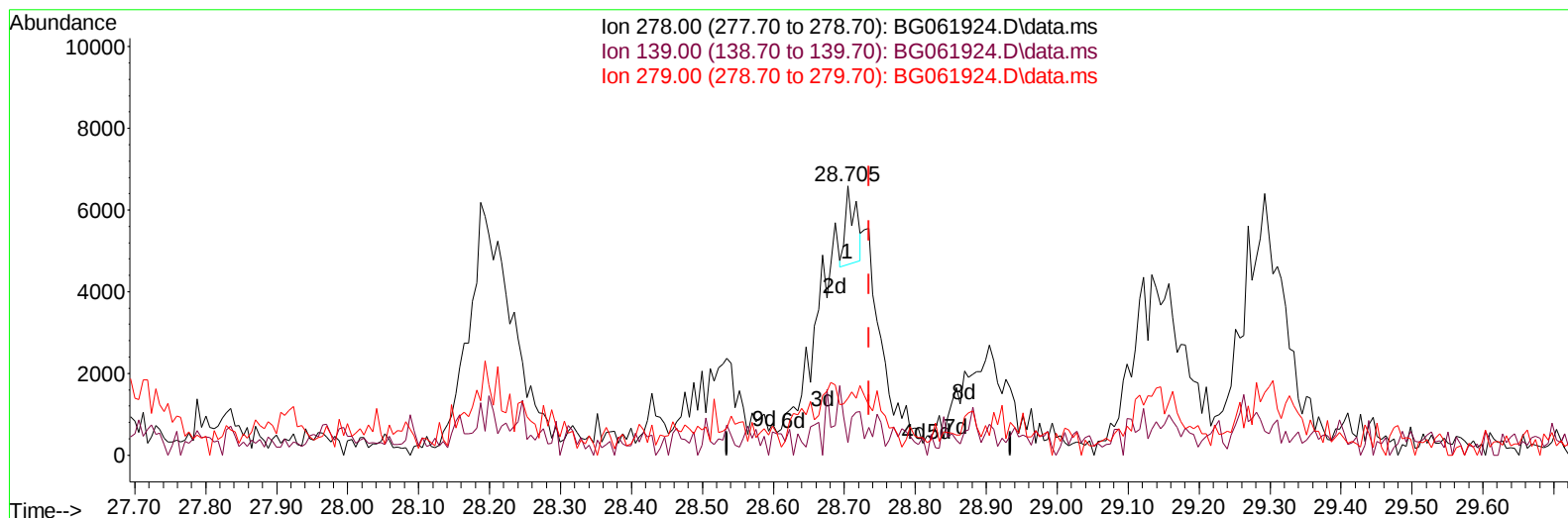
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:07:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(95) Dibenzo(a,h)anthracene

28.705min (-0.030) 0.09 ng/u1

response 1965

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	8.00
279.00	23.50	21.05
0.00	0.00	0.00

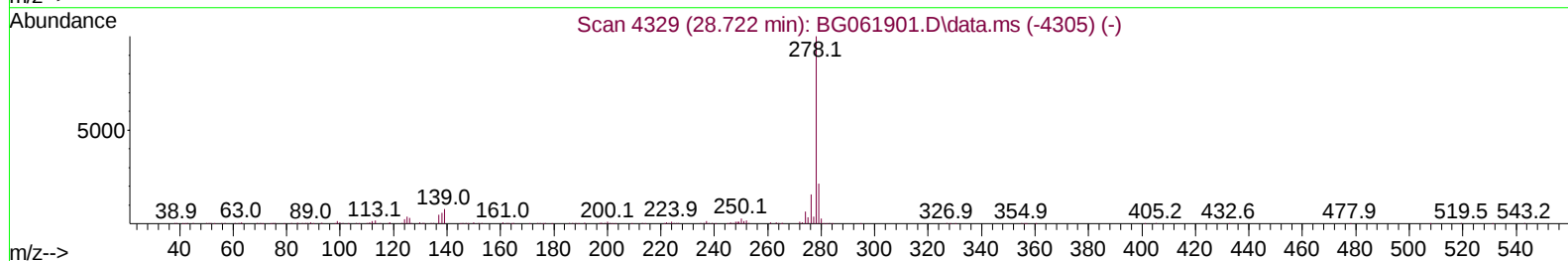
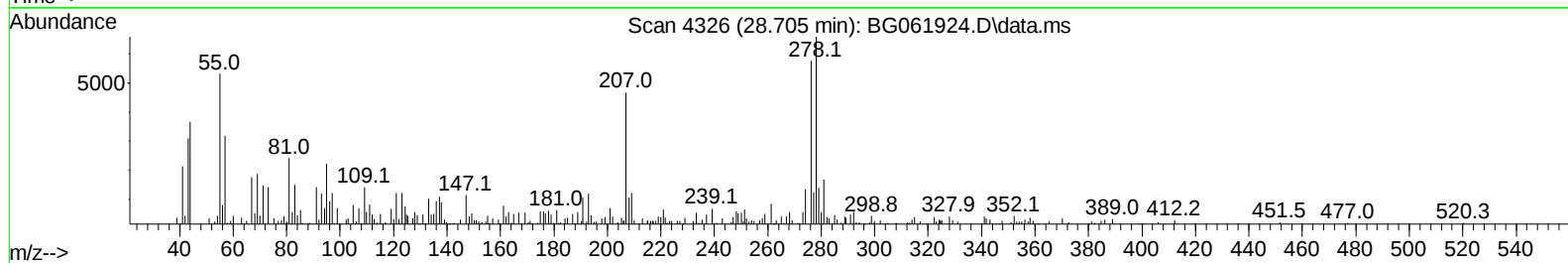
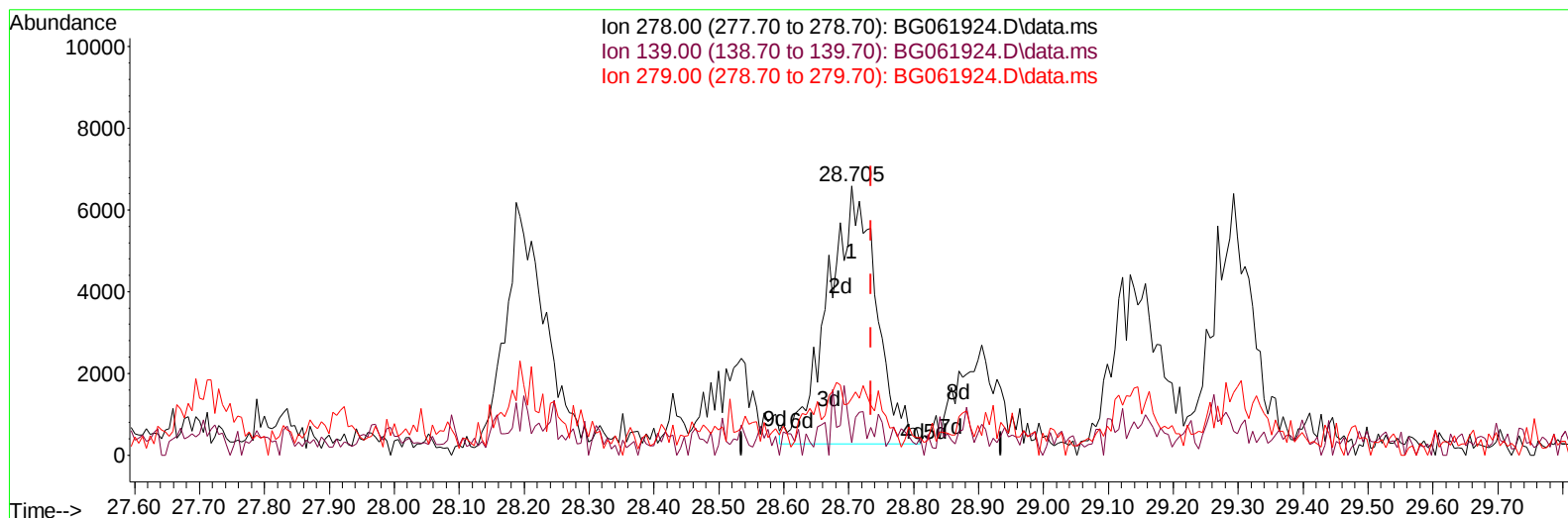
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:09:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061924.D\data.ms

(95) Dibenzo(a,h)anthracene

28.705min (-0.030) 1.48 ng/ul m

response 32800

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	4.60#
279.00	23.50	21.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061924.D
 Acq On : 6 Jul 2024 10:41
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 04:11:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	35107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	181805	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.715	164	143317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	334772	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	285167	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	351724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	2132	2.282	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.248	99	65373	17.015	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	37228	15.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	45633	17.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	46942	15.518	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	25728	18.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	30254	19.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	57354	18.832	ng/ul	0.00
31) 4-Chloroaniline-d4	11.043	131	12177m	2.754	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	213620	18.130	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	231660	18.803	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	28261	15.019	ng/ul	0.00
60) Fluorene-d10	15.708	176	187576	18.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	29912	17.013	ng/ul	0.00
73) Anthracene-d10	17.559	188	288417	18.453	ng/ul	0.00
81) Pyrene-d10	19.839	212	276530	16.486	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	198977	11.407	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.500	178	125434	7.106	ng/ul	97
74) Anthracene	17.594	178	19364m	1.061	ng/ul	
80) Fluoranthene	19.504	202	317805	16.010	ng/ul#	93
82) Pyrene	19.862	202	219470	10.703	ng/ul	96
85) Benzo(a)anthracene	21.701	228	135065	6.542	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	52388	4.242	ng/ul#	97
87) Chrysene	21.766	228	167702	8.676	ng/ul	94
90) Benzo(b)fluoranthene	23.928	252	244475	11.032	ng/ul	96
91) Benzo(k)fluoranthene	23.987	252	87209m	3.947	ng/ul	
93) Benzo(a)pyrene	24.809	252	76080	3.626	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.658	276	86884m	3.240	ng/ul	
95) Dibenzo(a,h)anthracene	28.705	278	32800m	1.481	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061924.D
 Acq On : 6 Jul 2024 10:41
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2

Manual IntegrationsAPPROVED

Quant Time: Jul 08 04:11:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

