

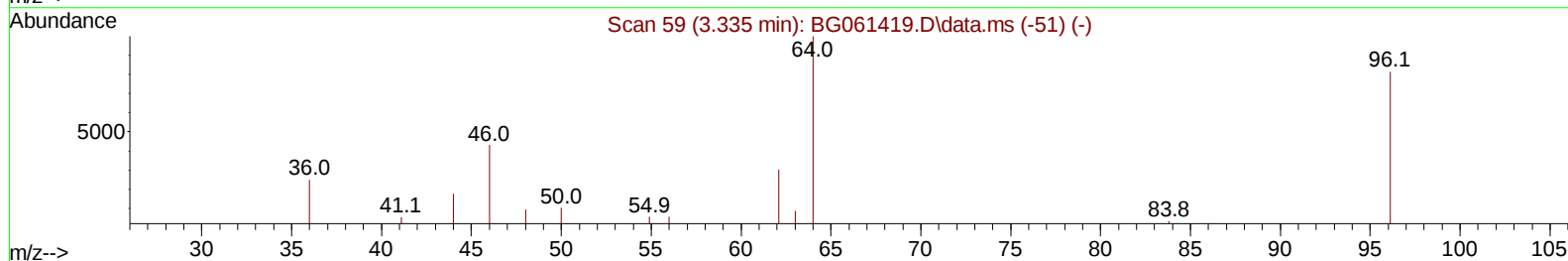
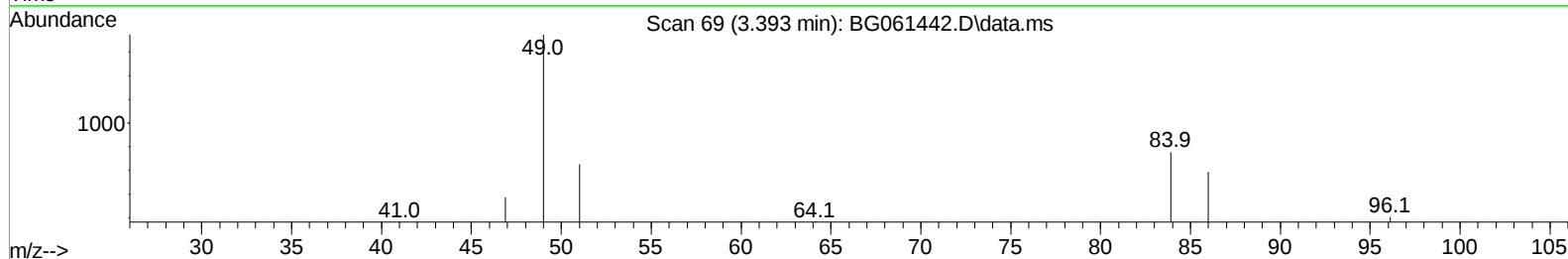
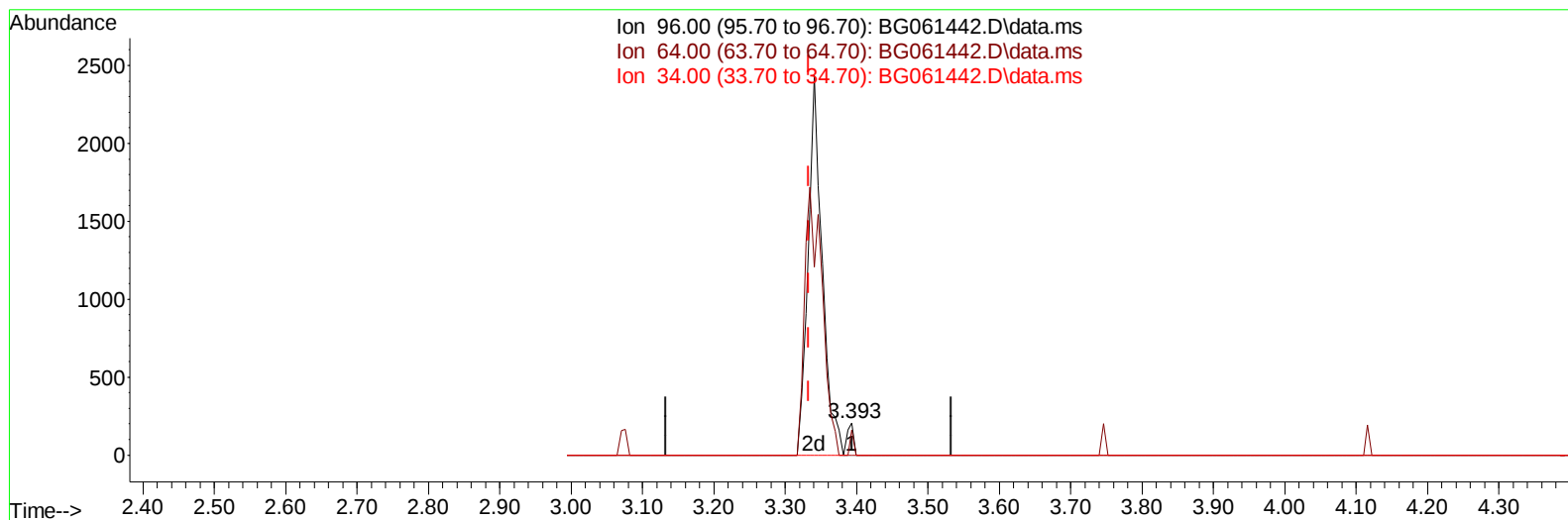
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:05:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

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

3.393min (+ 0.060) 0.17 ng/uL

response 129

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	78.16
34.00	0.00	0.00
0.00	0.00	0.00

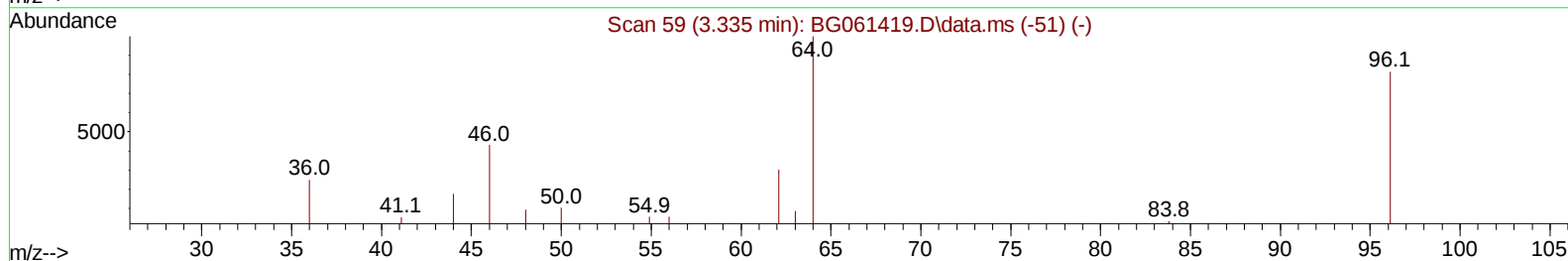
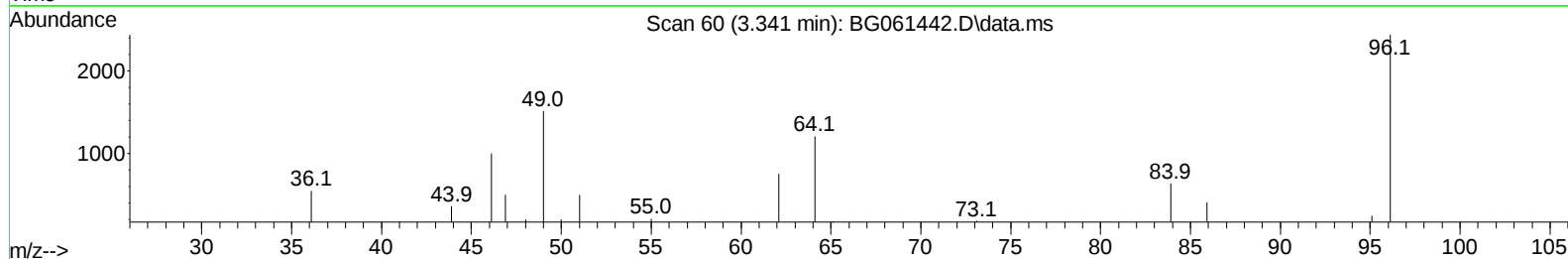
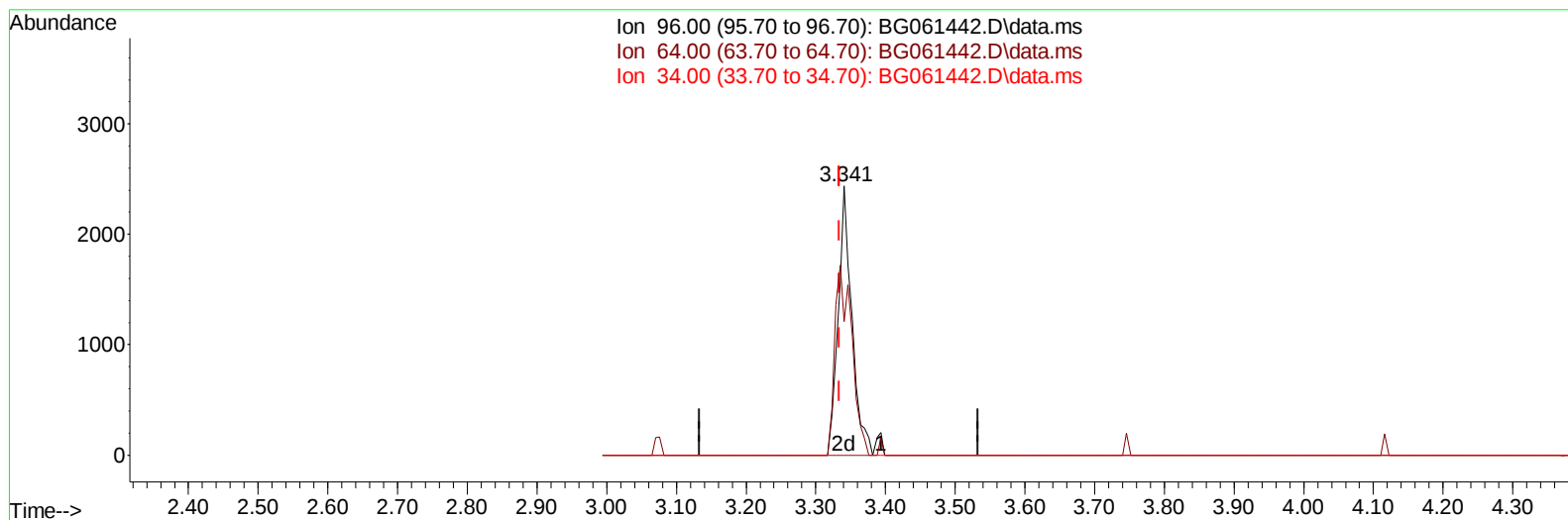
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:05:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

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

3.341min (+ 0.007) 4.41 ng/uL m

response 3364

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	49.59#
34.00	0.00	0.00
0.00	0.00	0.00

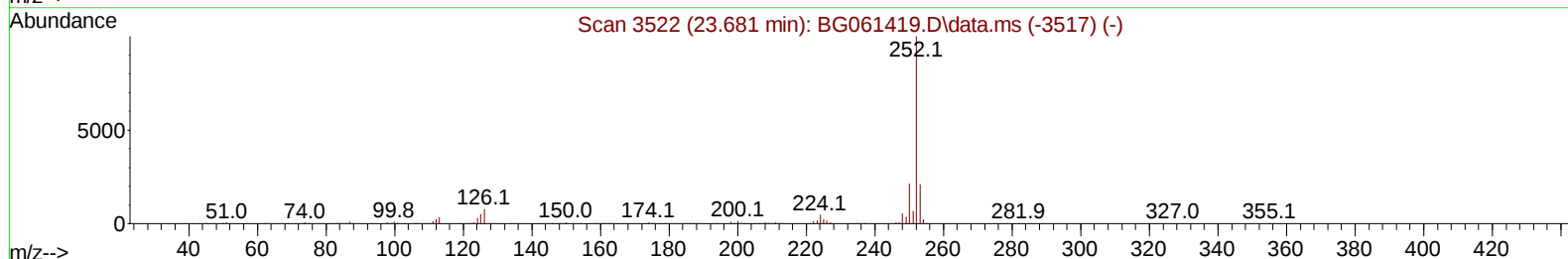
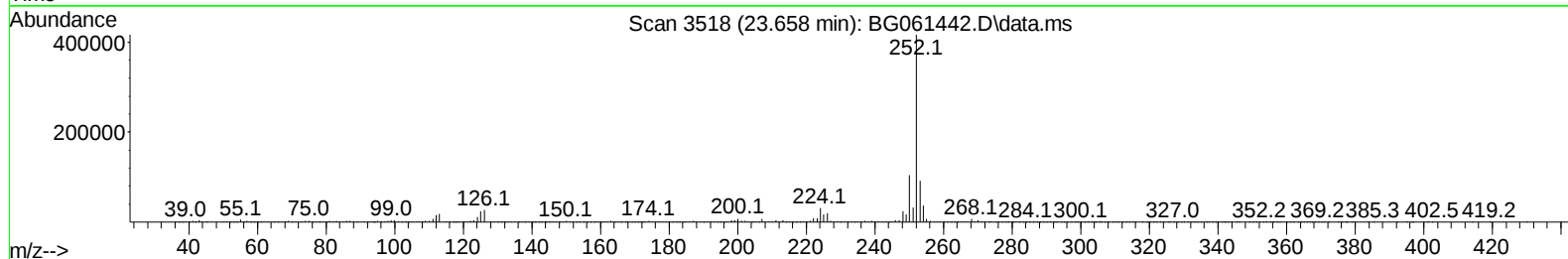
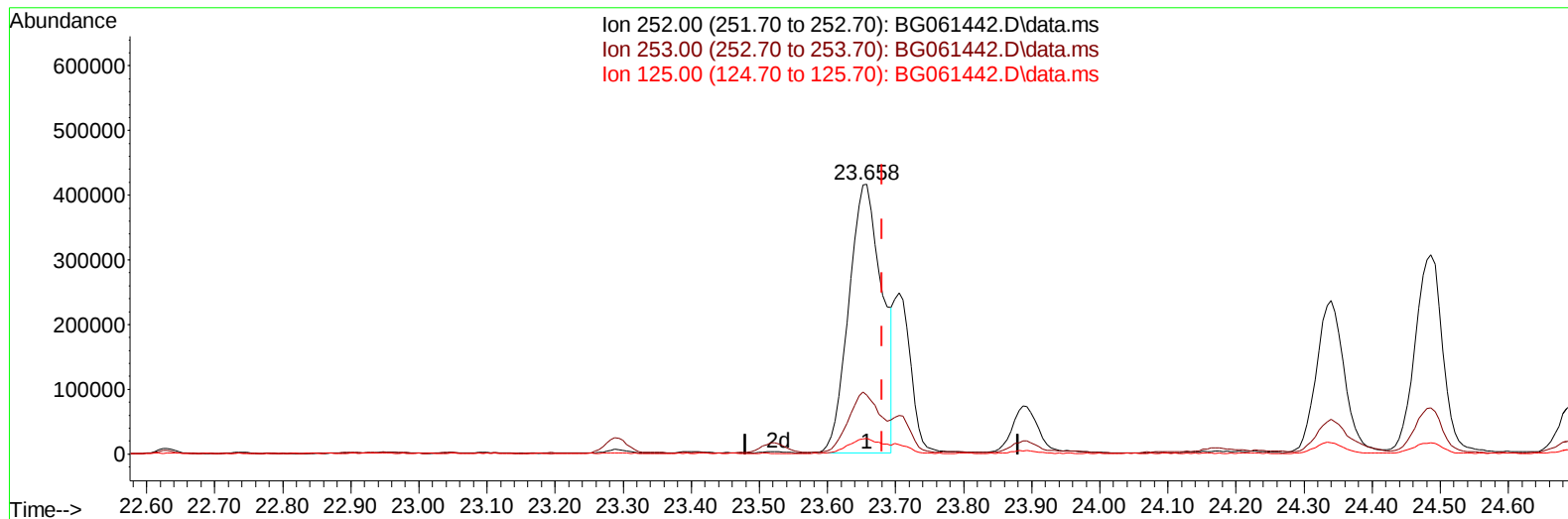
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 05:06:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration



TIC: BG061442.D\data.ms

(91) Benzo(k)fluoranthene

23.658min (-0.022) 73.07 ng/u1

response 1412981

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.91
125.00	5.40	5.70
0.00	0.00	0.00

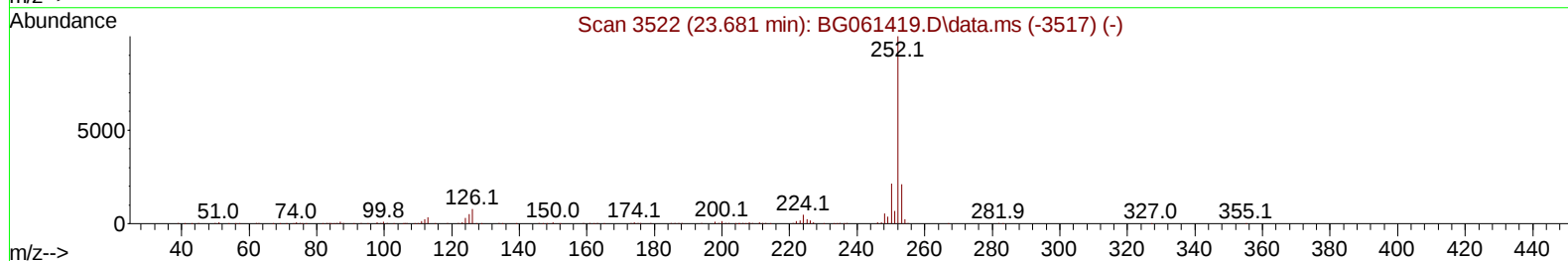
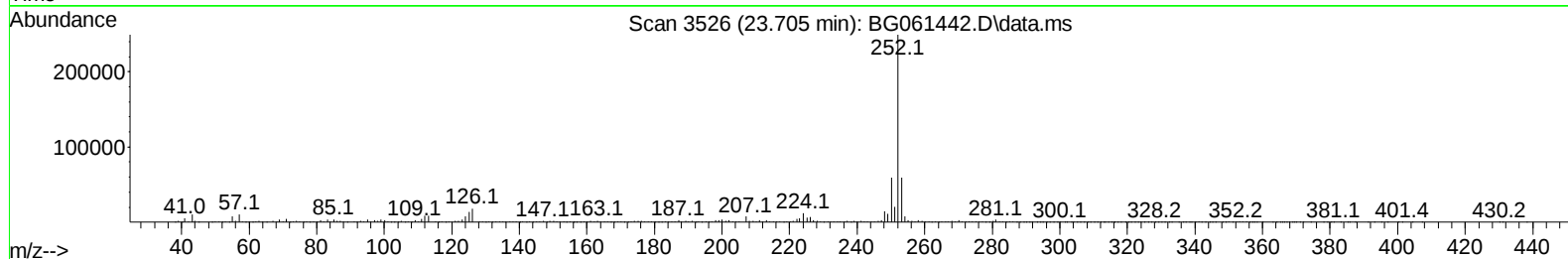
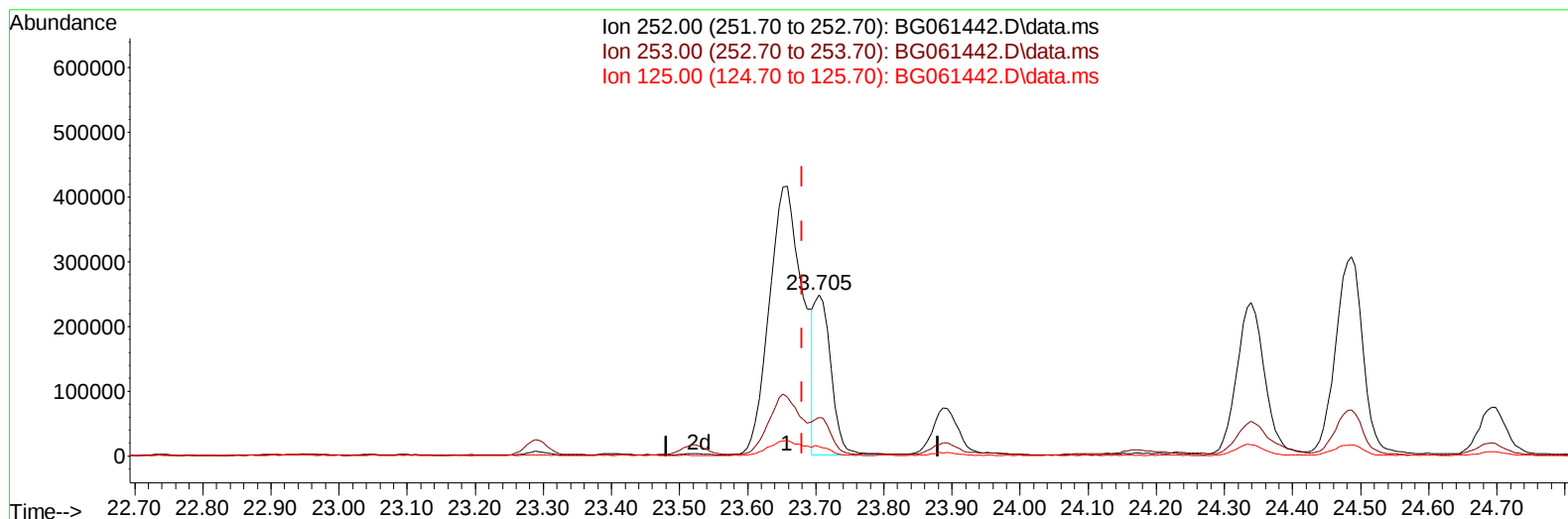
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:06:37 2024
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 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

(91) Benzo(k)fluoranthene

23.705min (+ 0.025) 22.18 ng/ul m

response 428910

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.78
125.00	5.40	5.58
0.00	0.00	0.00

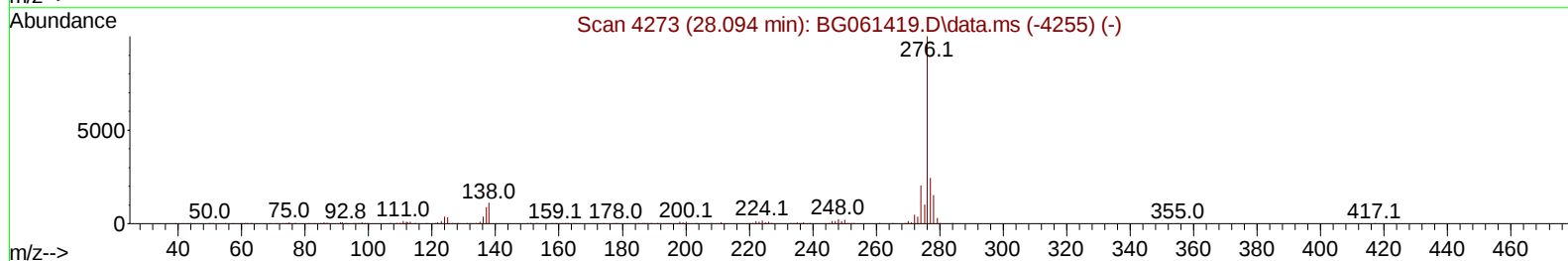
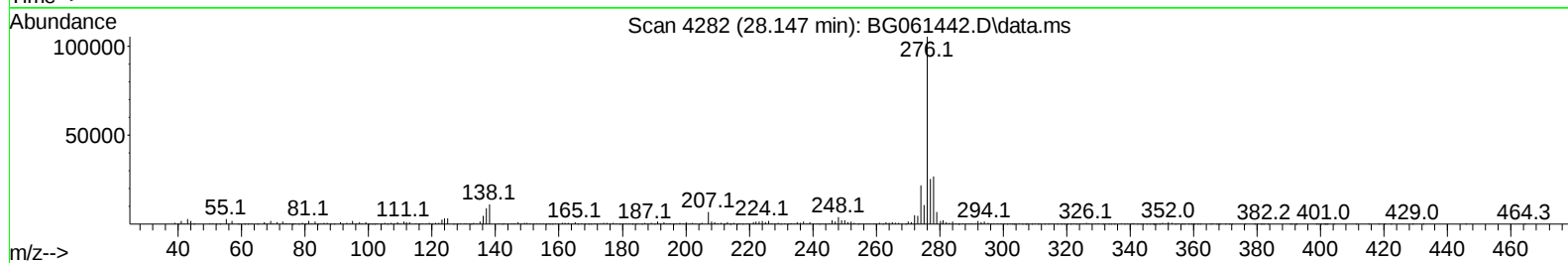
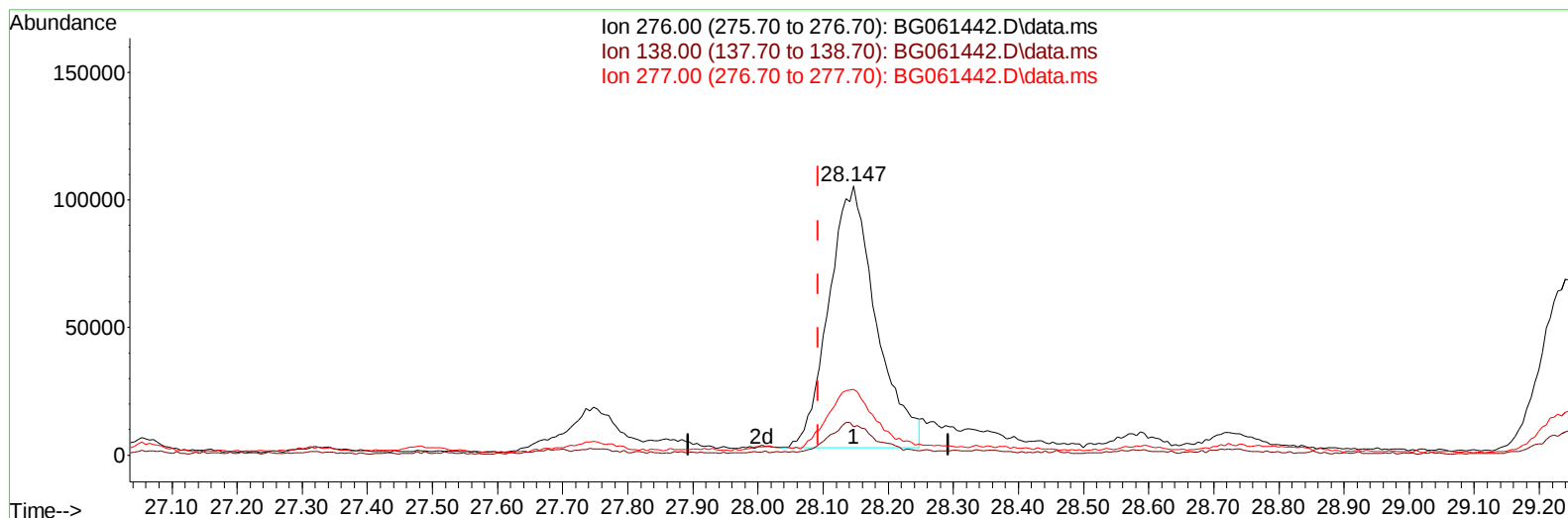
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:06:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061442.D\data.ms

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

28.147min (+ 0.054) 23.84 ng/u1

response 521433

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.59
277.00	24.60	24.32
0.00	0.00	0.00

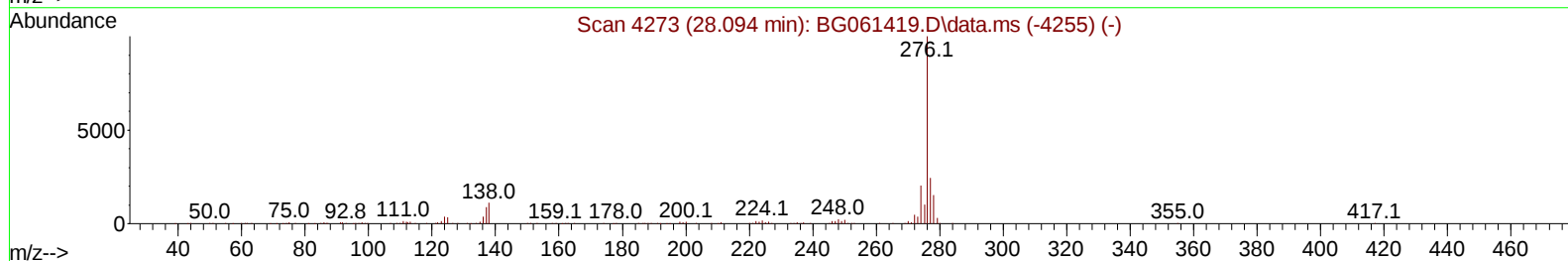
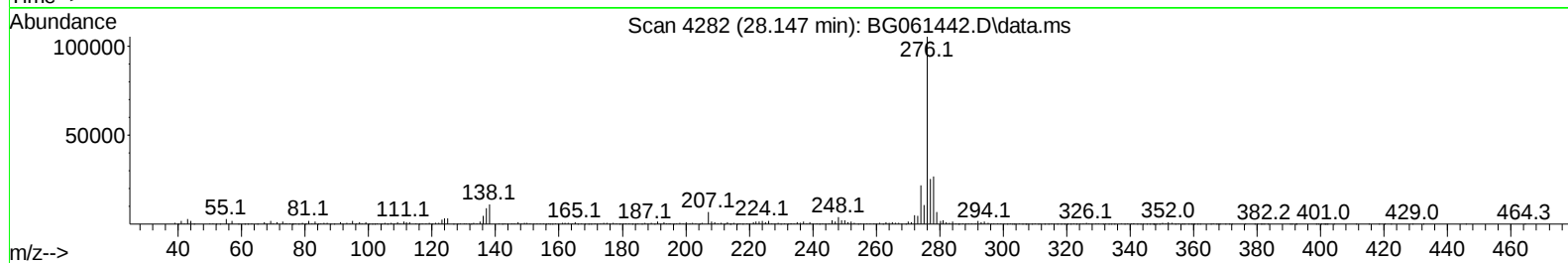
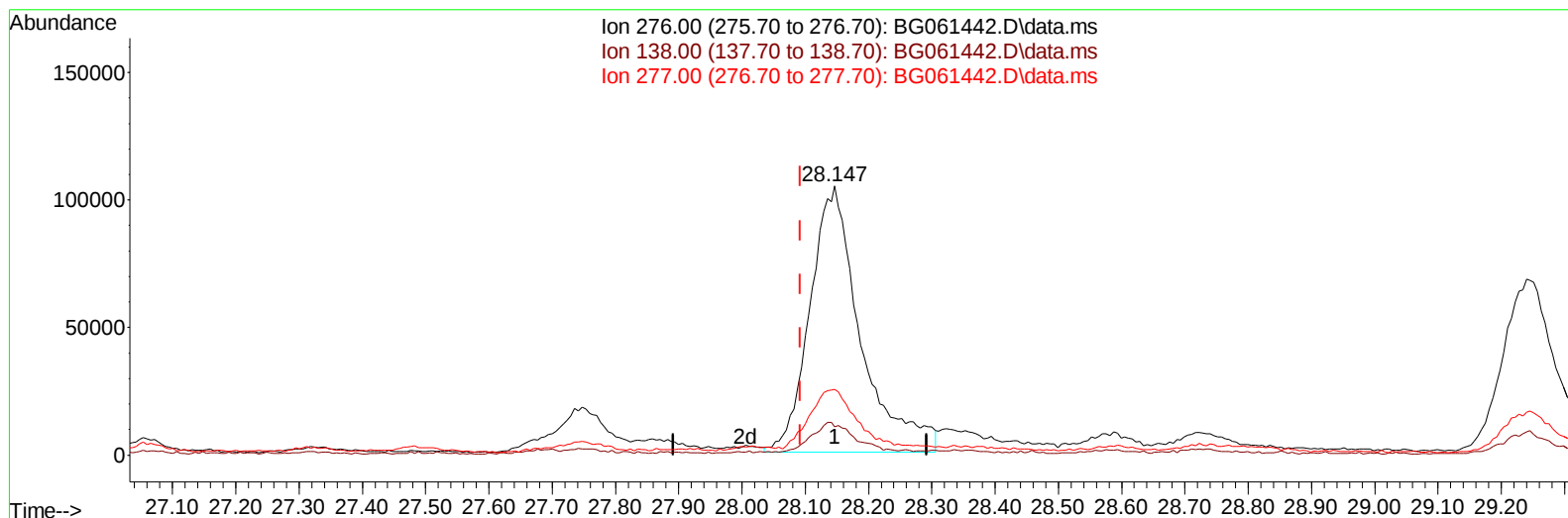
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:06:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

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

28.147min (+ 0.054) 26.48 ng/ul m

response 579142

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.59
277.00	24.60	24.32
0.00	0.00	0.00

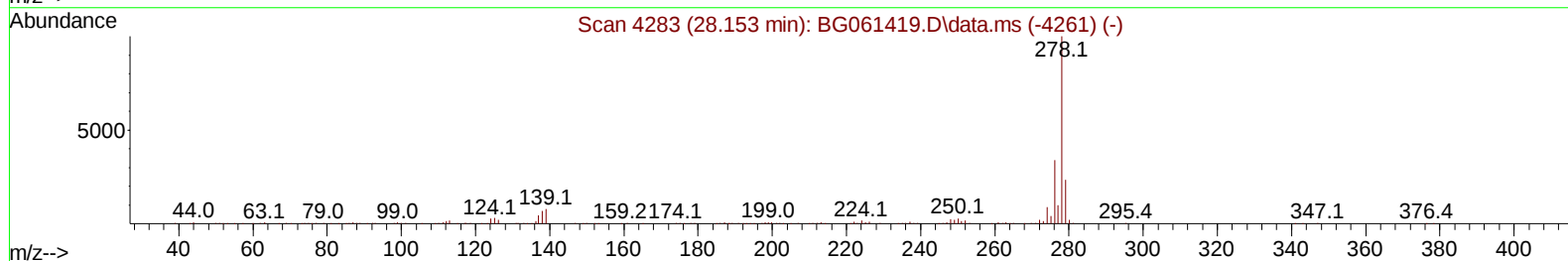
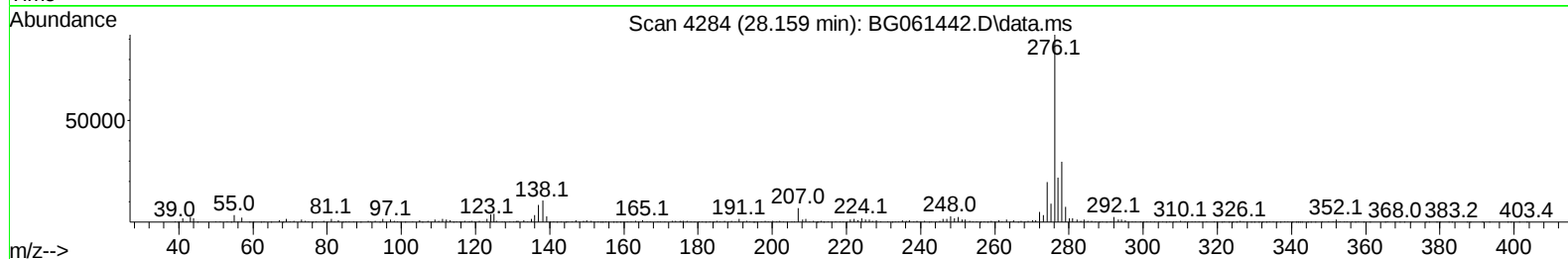
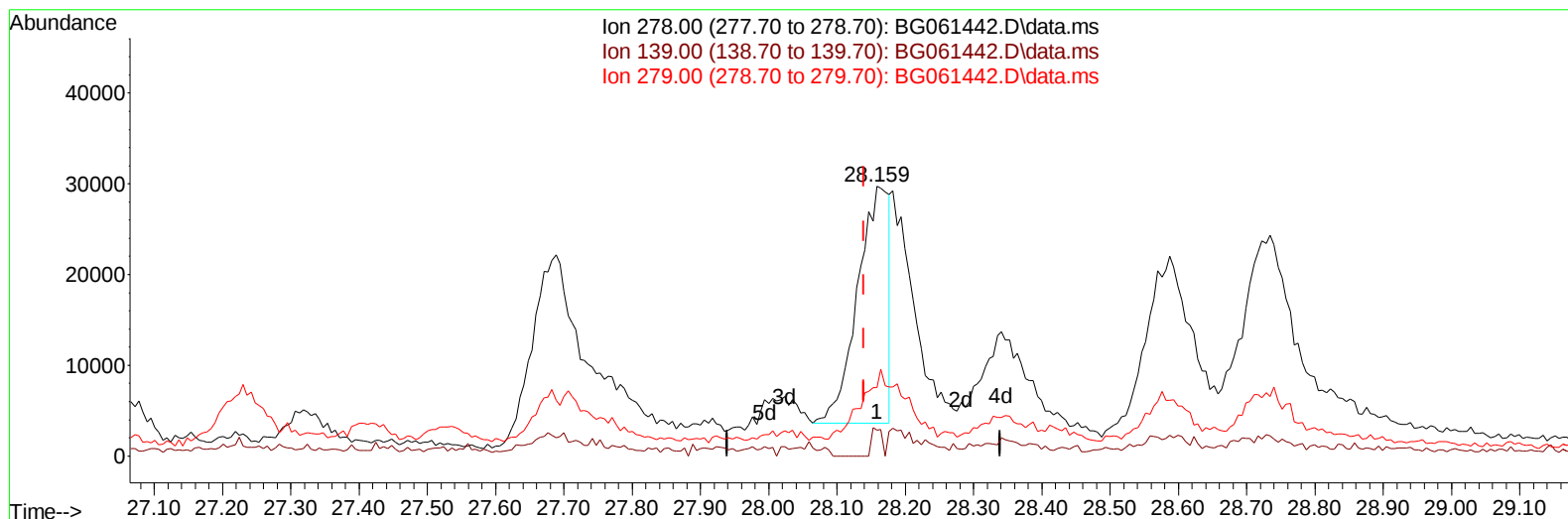
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:07:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

(95) Dibenzo(a,h)anthracene

28.159min (+ 0.019) 4.61 ng/u1

response 83138

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.49
279.00	24.90	25.42
0.00	0.00	0.00

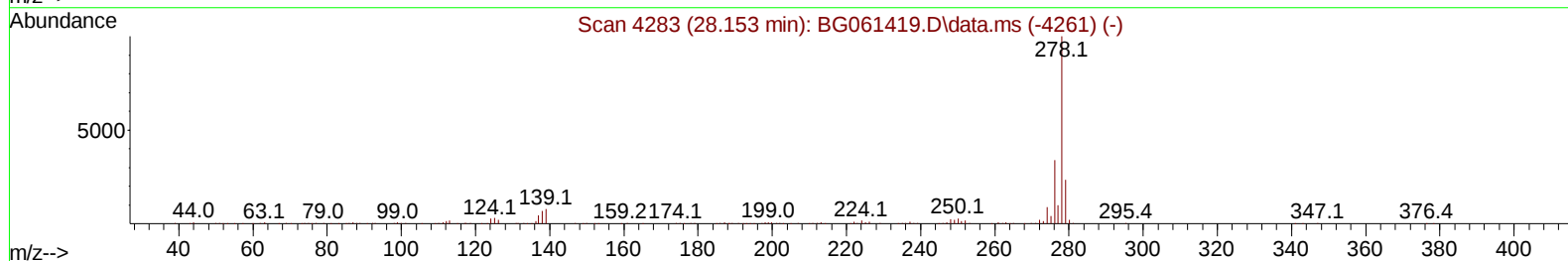
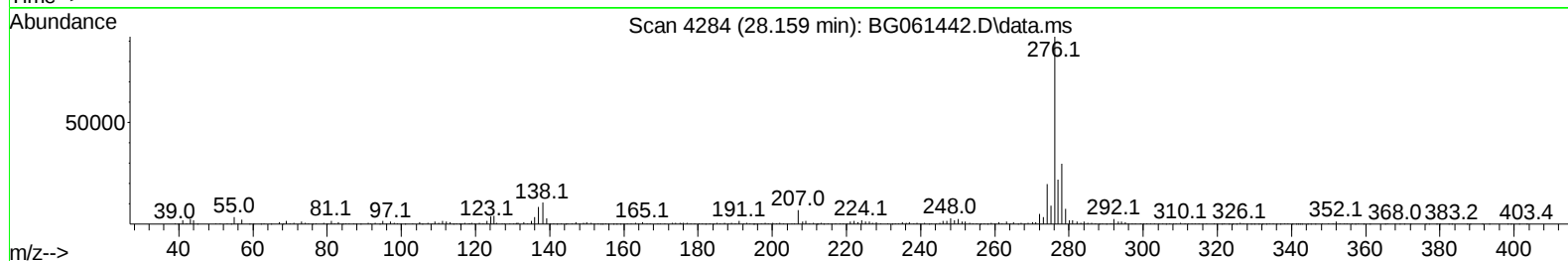
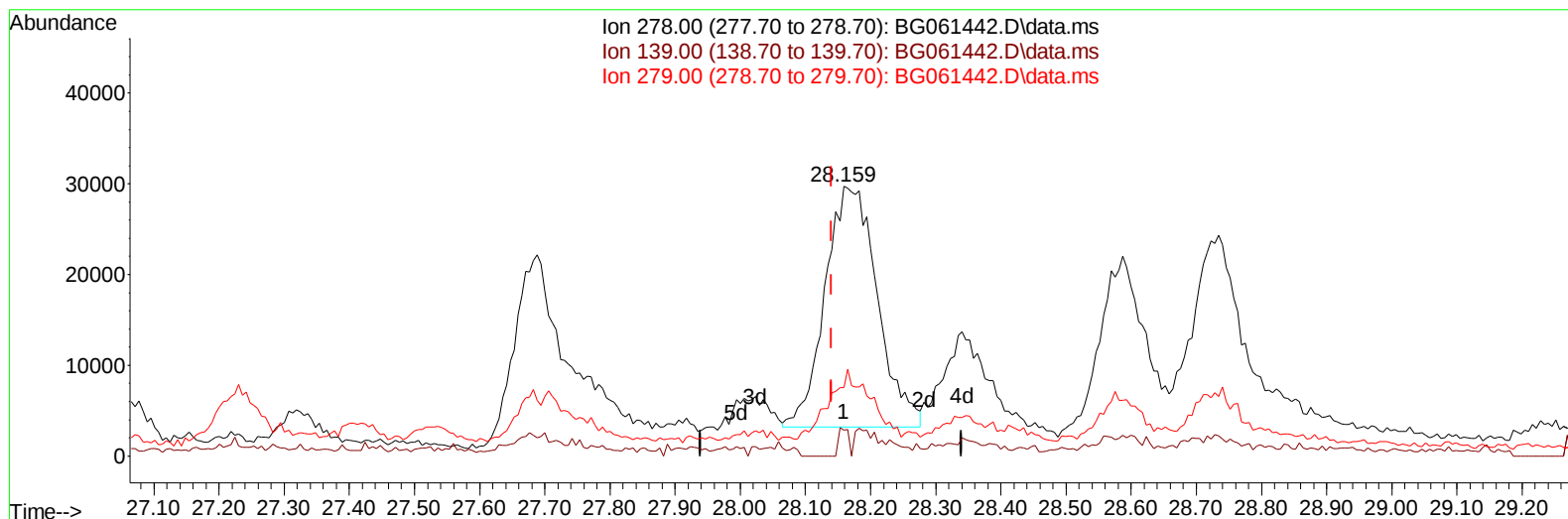
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:07:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061442.D\data.ms

(95) Dibenzo(a,h)anthracene

28.159min (+ 0.019) 8.18 ng/ul m

response 147465

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.49
279.00	24.90	25.42
0.00	0.00	0.00

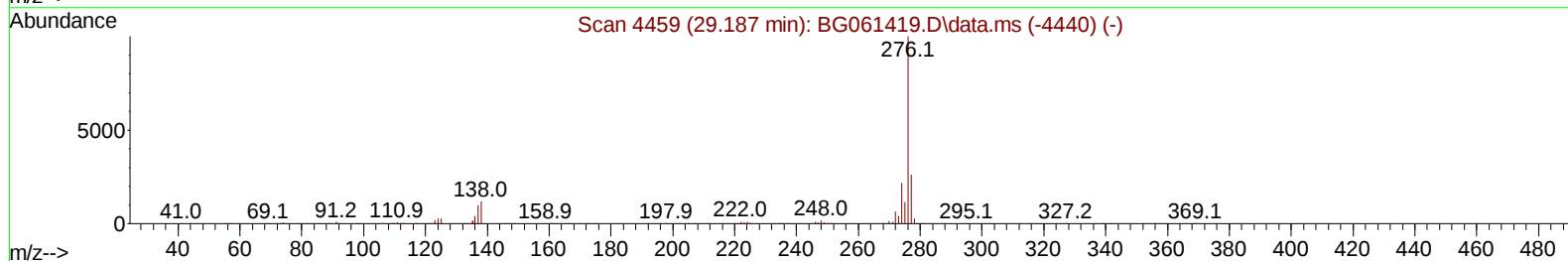
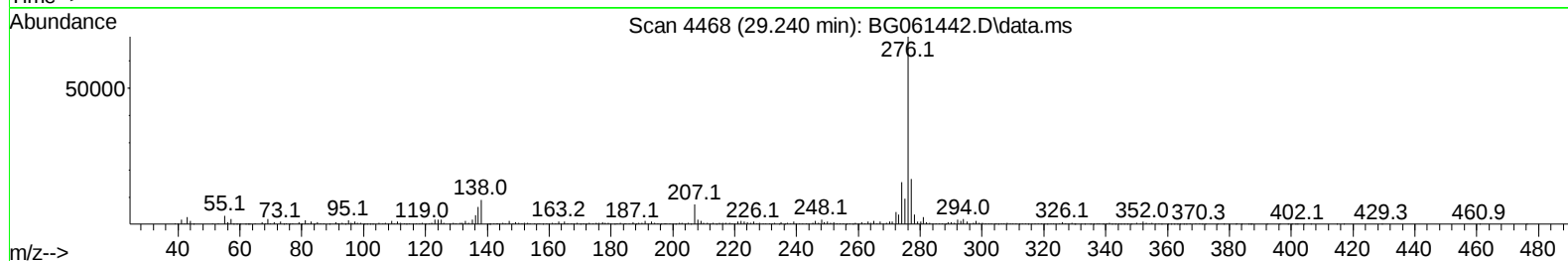
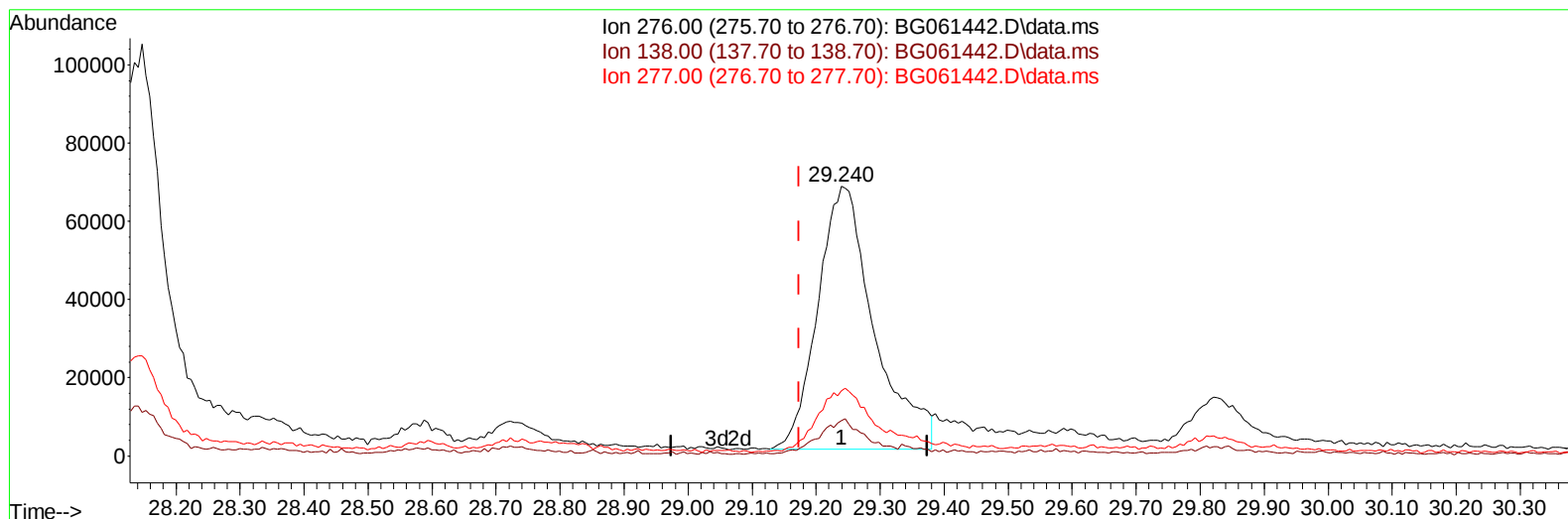
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Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:08:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
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TIC: BG061442.D\data.ms

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

29.240min (+ 0.066) 23.70 ng/u1

response 412366

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.21#
277.00	22.70	24.21
0.00	0.00	0.00

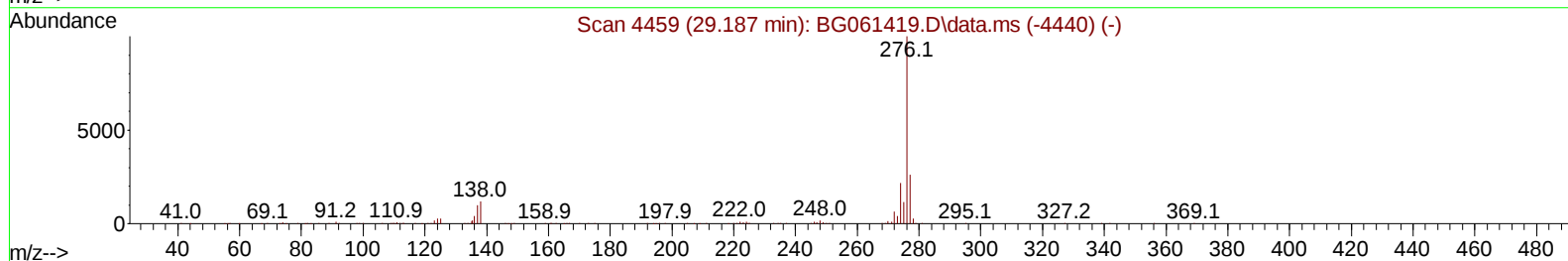
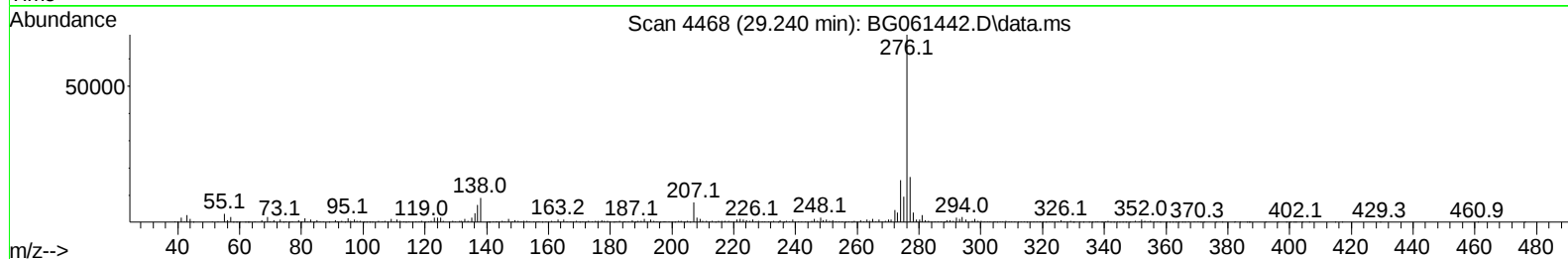
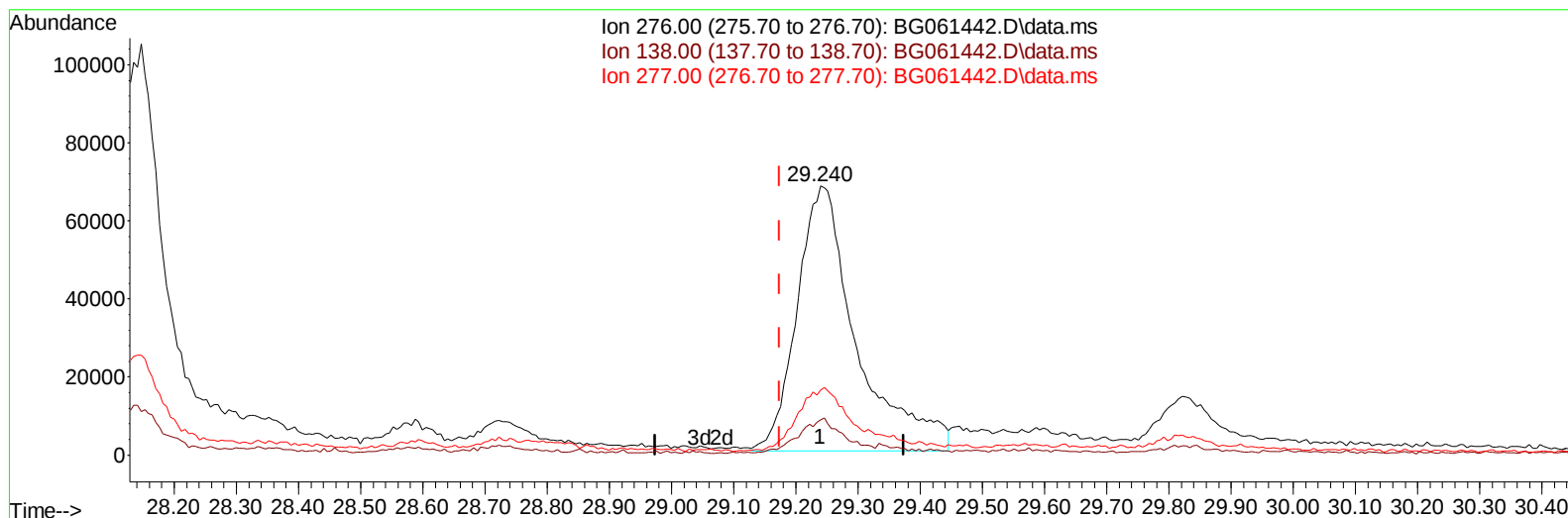
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:08:06 2024
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 QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061442.D\data.ms

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

29.240min (+ 0.066) 26.02 ng/ul m

response 452718

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.21#
277.00	22.70	24.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBNG

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:08:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152		42712	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		163540	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		119004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188		267713	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240		280414	20.000	ng/ul	0.01
88) Perylene-d12	24.621	264		319917	20.000	ng/ul	# 0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.341	96		3364m	4.408	ng/uL	0.00
4) Pyridine-d5	3.752	84		29359	10.813	ng/ul	0.01
7) Phenol-d5	7.066	99		78248	22.309	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67		50347	22.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132		62681	24.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		60922	20.370	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		33270	26.423	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143		39340	26.696	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		76274	26.550	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131		29800	7.929	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		242103	26.231	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		264117	27.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143		25784	22.596	ng/ul	0.02
60) Fluorene-d10	15.509	176		212089	26.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200		26202	16.182	ng/ul	0.01
73) Anthracene-d10	17.359	188		346574	29.364	ng/ul	0.00
81) Pyrene-d10	19.657	212		416934	28.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264		446971	29.061	ng/ul	0.03
Target Compounds							
							Qvalue
30) Naphthalene	10.720	128		31030	3.595	ng/ul	98
36) 2-Methylnaphthalene	12.330	142		15654	2.501	ng/ul	94
37) 1-Methylnaphthalene	12.547	142		10703	1.666	ng/ul	88
52) Acenaphthene	14.574	153		15584	2.233	ng/ul	87
56) Dibenzofuran	14.909	168		36239	3.631	ng/ul	94
61) Fluorene	15.562	166		24445	2.831	ng/ul#	98
72) Phenanthrene	17.307	178		678887	52.248	ng/ul	99
74) Anthracene	17.395	178		107127	7.974	ng/ul	97
77) Carbazole	17.671	167		57487	5.261	ng/ul	99
80) Fluoranthene	19.328	202		1600285	92.650	ng/ul	100
82) Pyrene	19.692	202		1447462	80.734	ng/ul	99
85) Benzo(a)anthracene	21.508	228		909096	46.985	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.408	149		15805	1.734	ng/ul#	94
87) Chrysene	21.572	228		987291	55.416	ng/ul	96
90) Benzo(b)fluoranthene	23.658	252		1412981	74.181	ng/ul	99
91) Benzo(k)fluoranthene	23.705	252		428910m	22.181	ng/ul	
93) Benzo(a)pyrene	24.486	252		851421	47.073	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.147	276		579142m	26.478	ng/ul	
95) Dibenzo(a,h)anthracene	28.159	278		147465m	8.176	ng/ul	
96) Benzo(g,h,i)perylene	29.240	276		452718m	26.017	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BHBN6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:08:35 2024
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 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

