

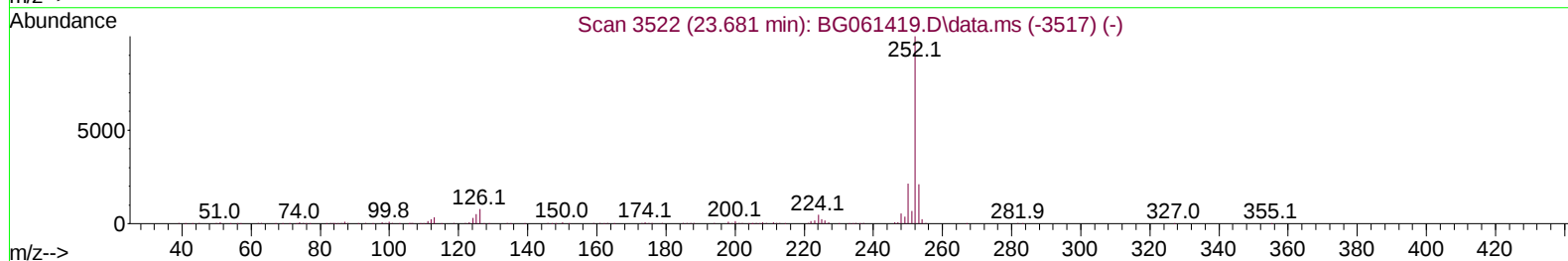
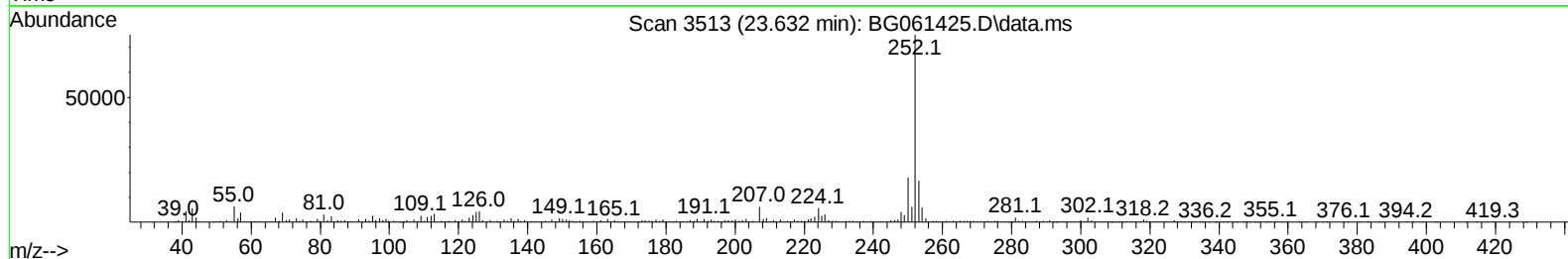
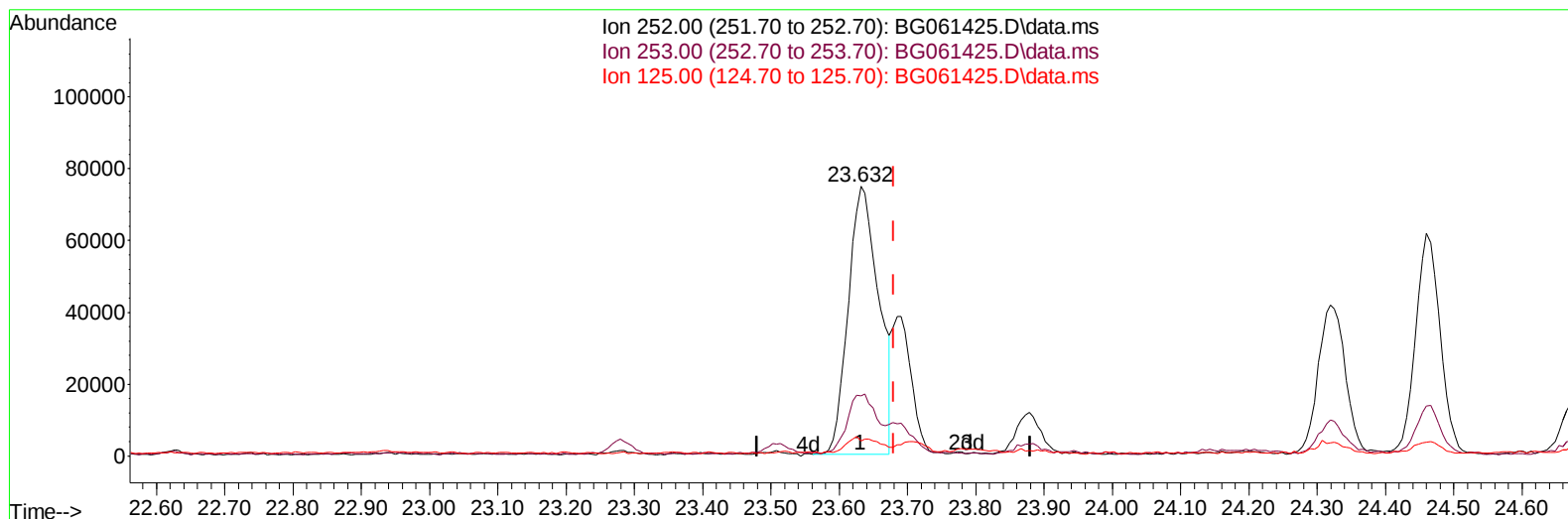
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:13:24 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: BG061425.D\data.ms

(91) Benzo(k)fluoranthene

23.632min (-0.048) 13.72 ng/u1

response 232031

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.31
125.00	5.40	5.68
0.00	0.00	0.00

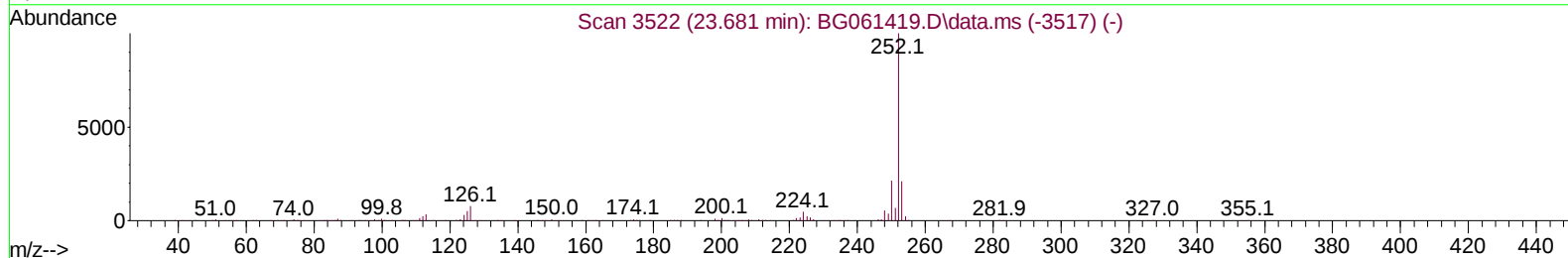
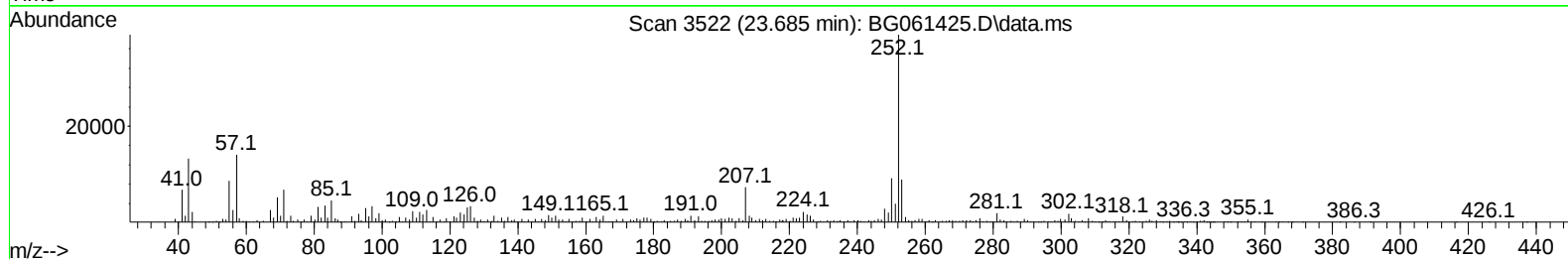
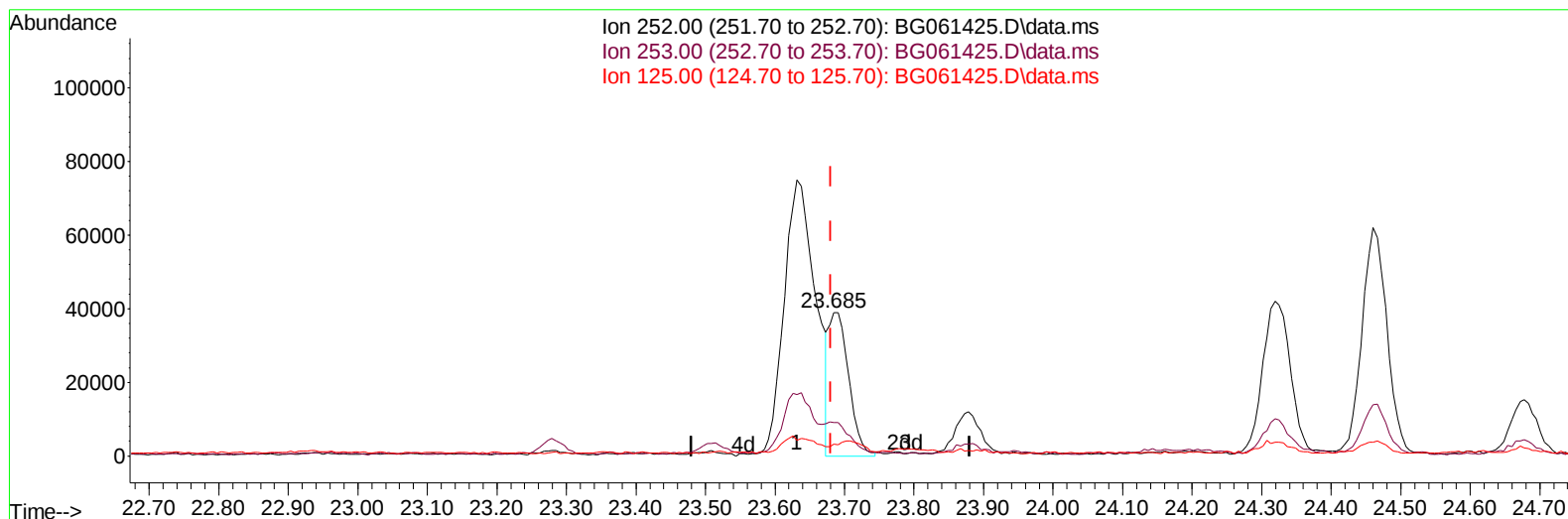
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:13:24 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: BG061425.D\data.ms

(91) Benzo(k)fluoranthene

23.685min (+ 0.005) 4.52 ng/u1 m

response 76516

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.11
125.00	5.40	8.17#
0.00	0.00	0.00

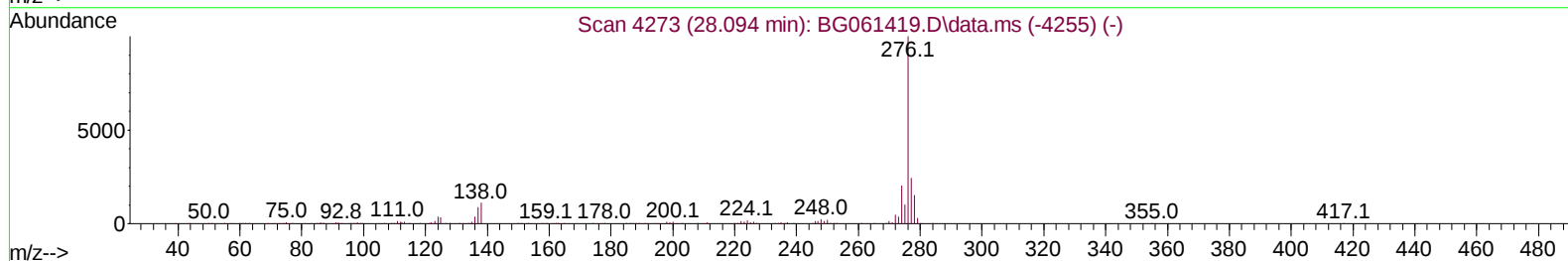
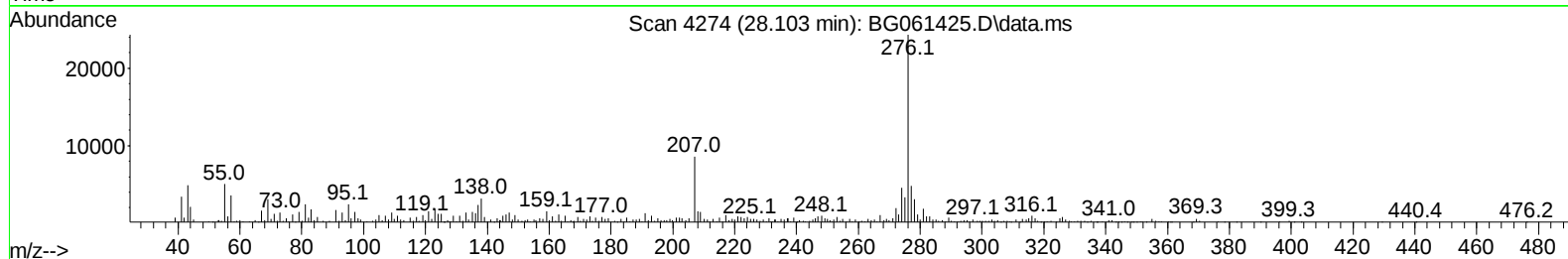
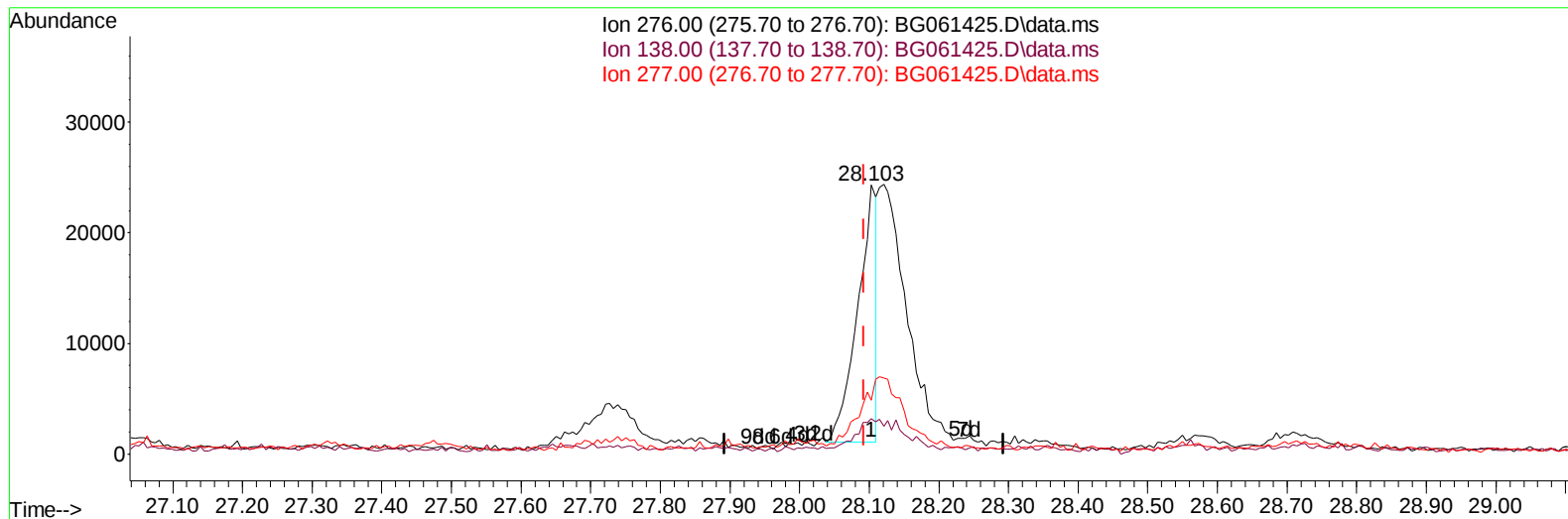
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:13:24 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: BG061425.D\data.ms

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

28.103min (+ 0.010) 2.26 ng/u1

response 43285

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.19#
277.00	24.60	19.89
0.00	0.00	0.00

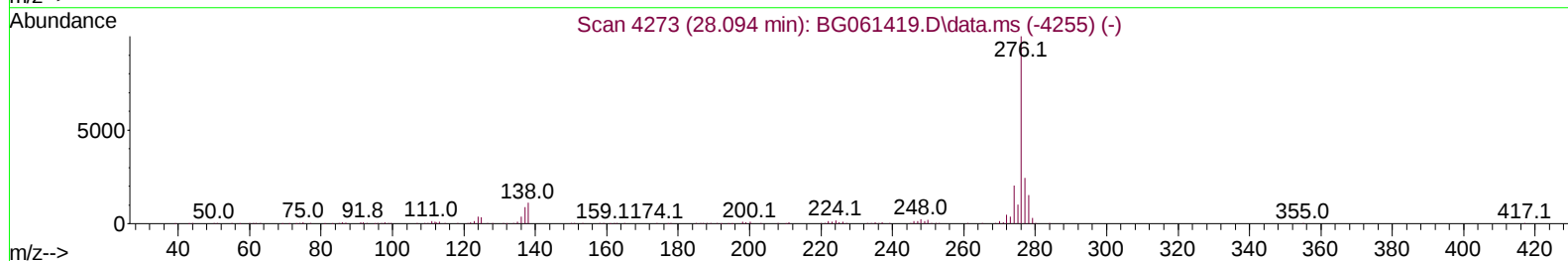
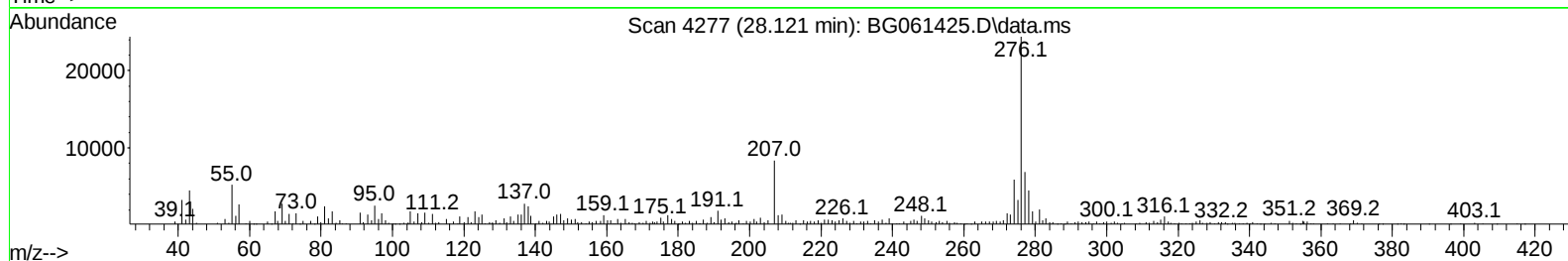
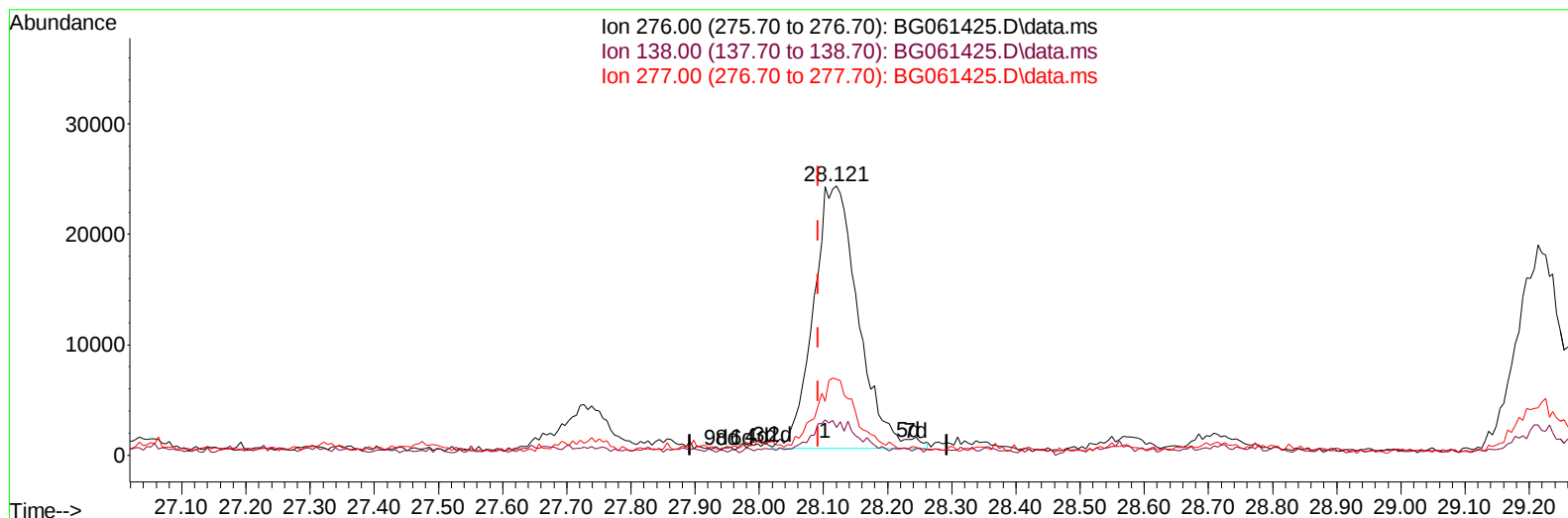
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:13:24 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: BG061425.D\data.ms

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

28.121min (+ 0.028) 6.04 ng/ul m

response 115490

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.22
277.00	24.60	28.31
0.00	0.00	0.00

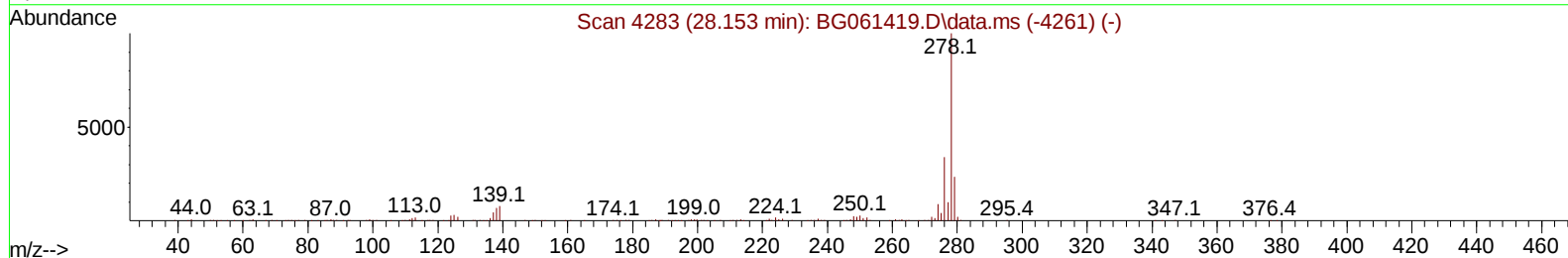
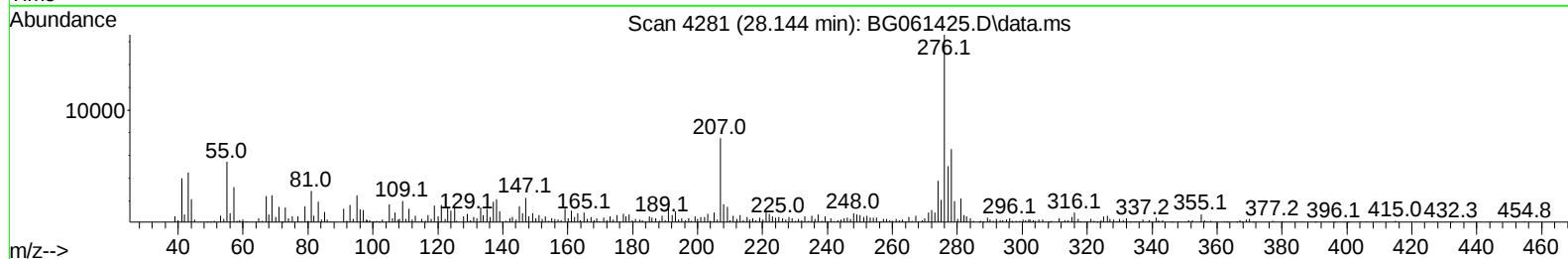
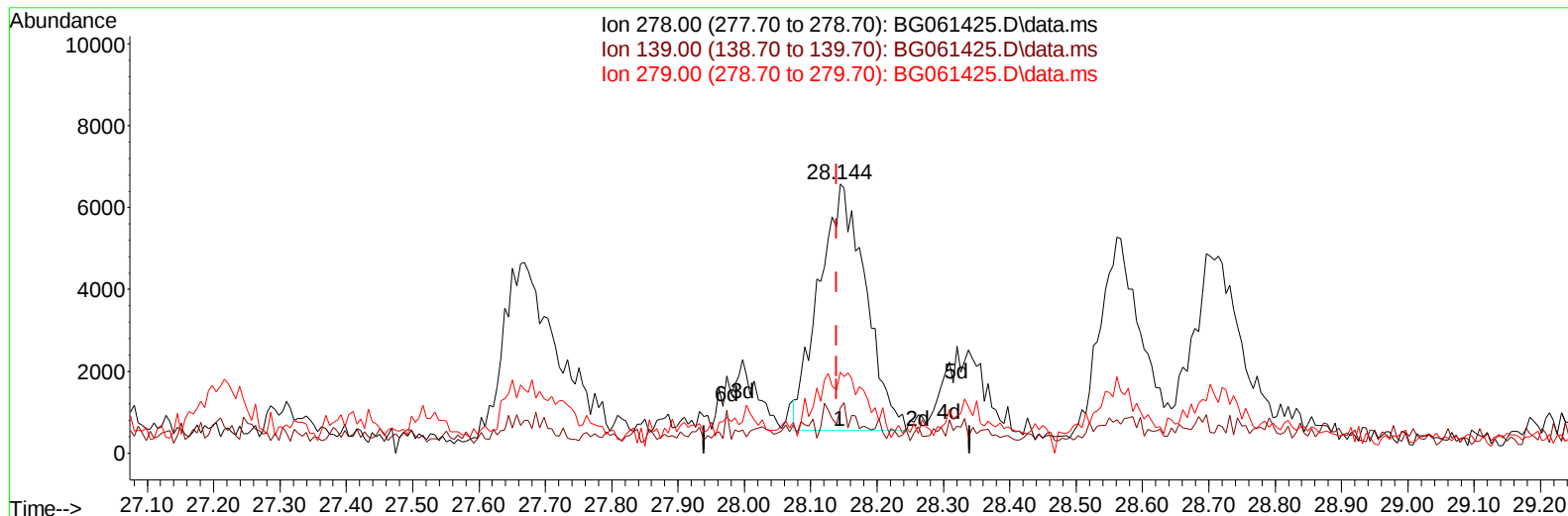
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:16:04 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: BG061425.D\data.ms

(95) Dibenzo(a,h)anthracene

28.144min (+ 0.005) 1.86 ng/u1

response 29363

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	16.88#
279.00	24.90	30.04#
0.00	0.00	0.00

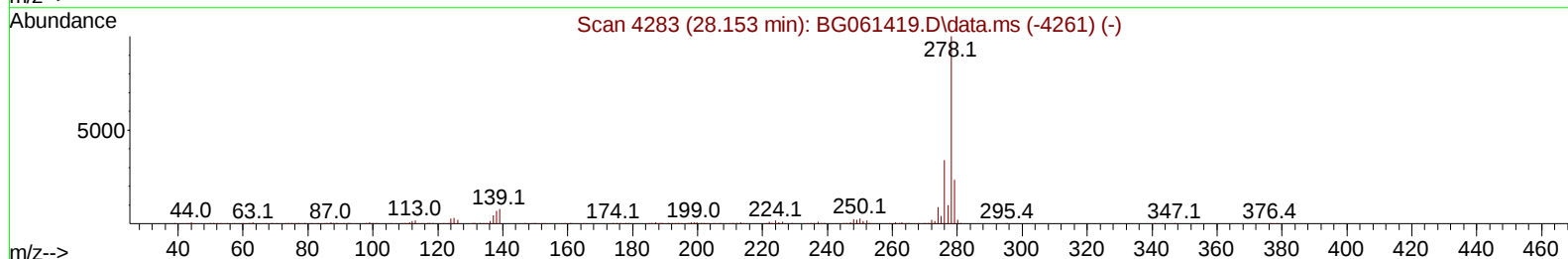
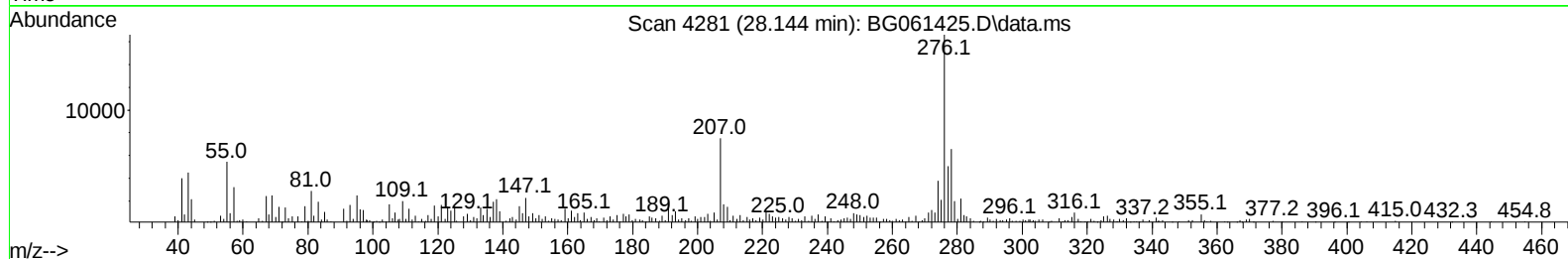
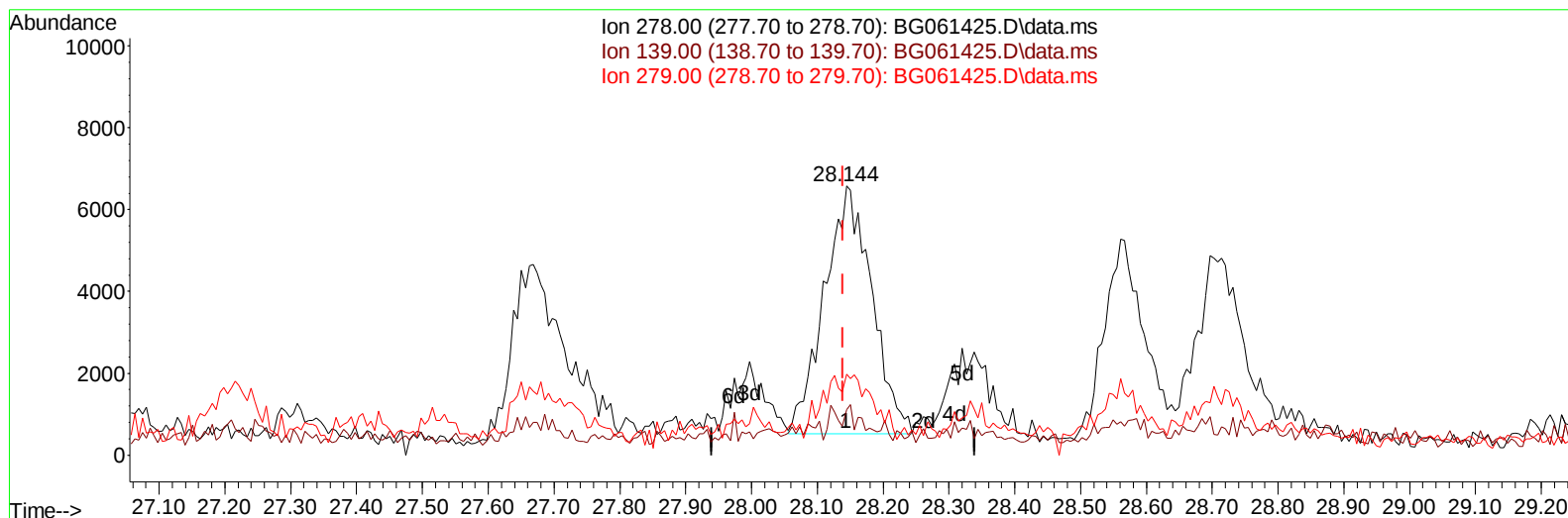
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 17:16:04 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: BG061425.D\data.ms

(95) Dibenzo(a,h)anthracene

28.144min (+ 0.005) 1.91 ng/ul m

response 30199

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	16.88#
279.00	24.90	30.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Manual IntegrationsAPPROVED

Quant Time: Jun 03 23:40:12 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152		33962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136		133284	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164		101800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188		234413	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.517	240		246217	20.000	ng/ul	0.00
88) Perylene-d12	24.607	264		279885	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.338	96		3113	5.130	ng/uL	0.00
4) Pyridine-d5	3.749	84		4712	2.183	ng/ul	0.01
7) Phenol-d5	7.063	99		78579	28.175	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67		49985	28.514	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132		64996	31.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.591	113		68633	28.860	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128		33075	32.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.754	143		38272	31.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165		75418	32.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.806	131		247	0.081	ng/ul	0.00
46) Dimethylphthalate-d6	13.920	166		250260	31.697	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160		277639	33.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143		19126	19.594	ng/ul	0.02
60) Fluorene-d10	15.506	176		224189	32.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200		39499	27.860	ng/ul	0.01
73) Anthracene-d10	17.363	188		358517	34.691	ng/ul	0.00
81) Pyrene-d10	19.654	212		434352	34.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264		467927	34.775	ng/ul	0.02
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.016	77		51265	35.154	ng/ul	98
18) 4-Methylphenol	8.649	108		4028	1.651	ng/ul#	53
72) Phenanthrene	17.304	178		136141	11.966	ng/ul	97
74) Anthracene	17.392	178		22600	1.921	ng/ul	99
77) Carbazole	17.668	167		12032	1.257	ng/ul	98
80) Fluoranthene	19.319	202		278840	18.386	ng/ul	99
82) Pyrene	19.683	202		263924	16.765	ng/ul	99
83) Butylbenzylphthalate	20.571	149		27659	5.115	ng/ul	93
85) Benzo(a)anthracene	21.499	228		150414	8.854	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.405	149		159121	19.878	ng/ul#	98
87) Chrysene	21.558	228		166250	10.628	ng/ul	96
90) Benzo(b)fluoranthene	23.632	252		232031	13.924	ng/ul	100
91) Benzo(k)fluoranthene	23.685	252		76516m	4.523	ng/ul	
93) Benzo(a)pyrene	24.460	252		152232	9.620	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.121	276		115490m	6.035	ng/ul	
95) Dibenzo(a,h)anthracene	28.144	278		30199m	1.914	ng/ul	
96) Benzo(g,h,i)perylene	29.213	276		97538	6.407	ng/ul#	97

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

