

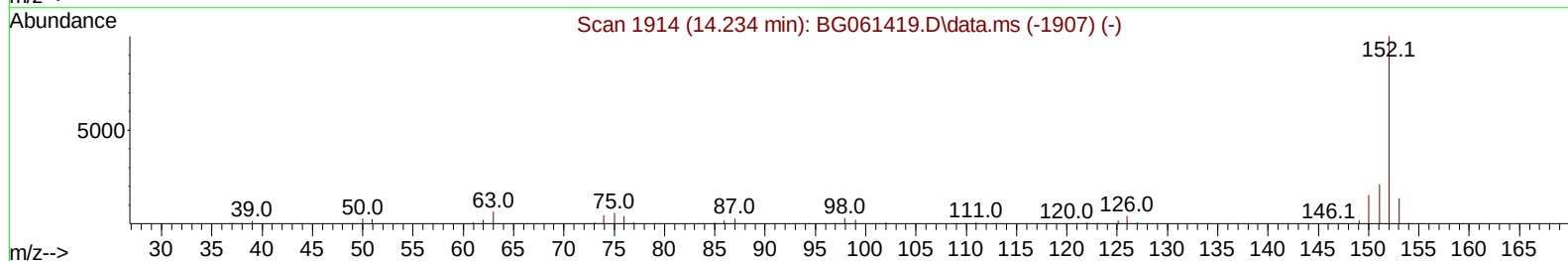
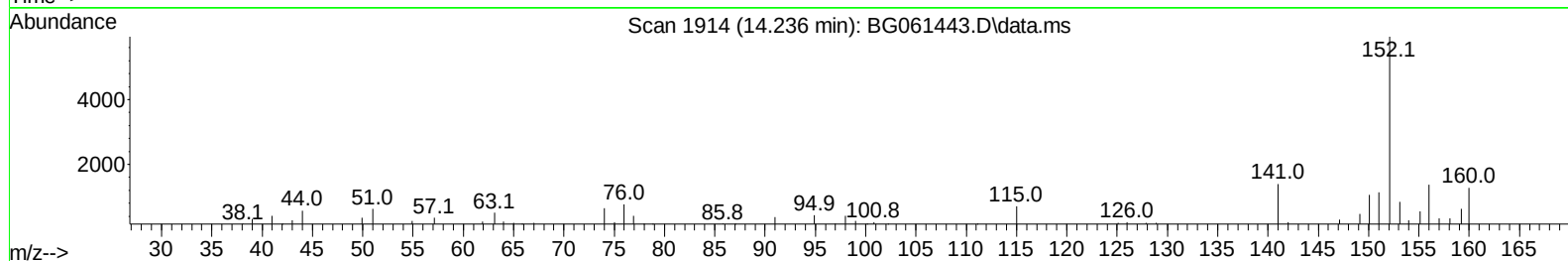
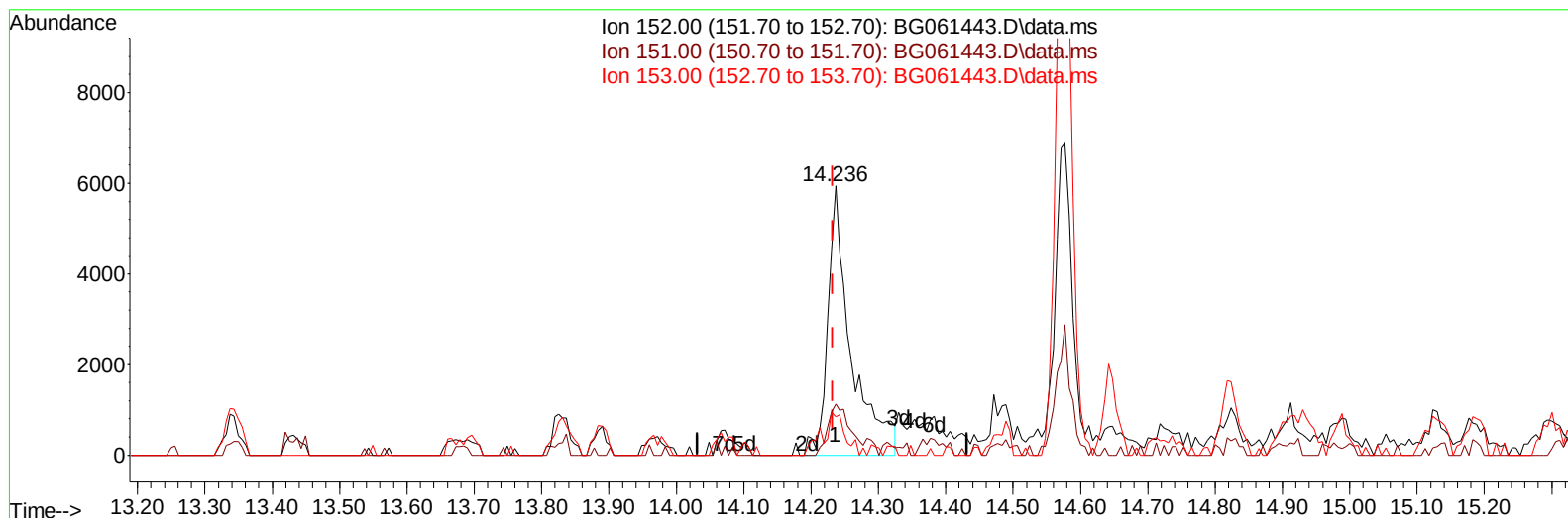
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061443.D
 Acq On : 4 Jun 2024 5:08
 Operator : MA/JU
 Sample : P2577-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBPO

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:42:51 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: BG061443.D\data.ms

(50) Acenaphthylene

14.236min (+ 0.004) 1.31 ng/ul m

response 14240

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	19.01
153.00	12.80	14.35
0.00	0.00	0.00

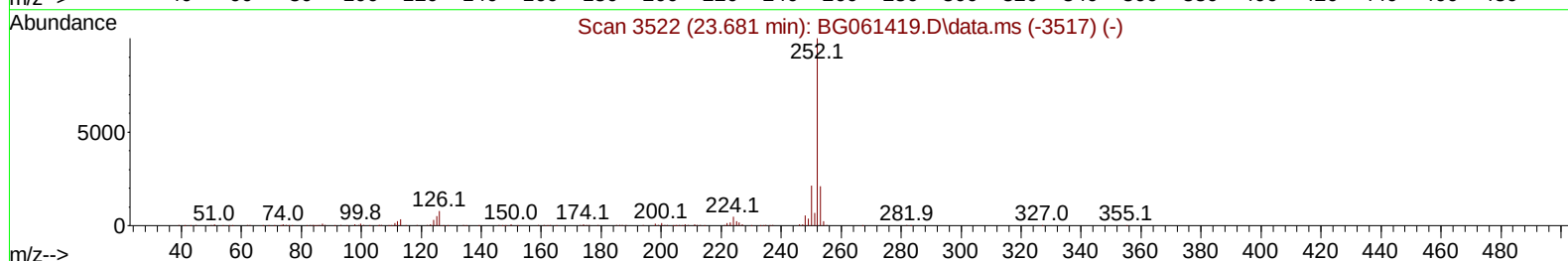
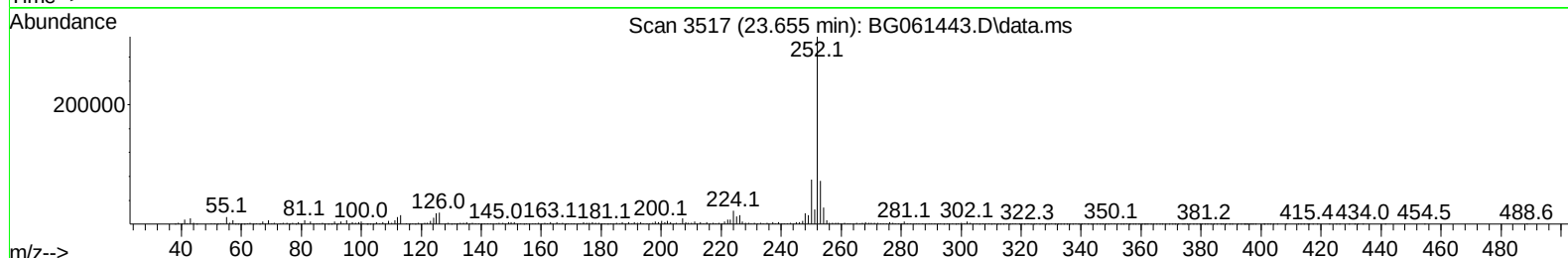
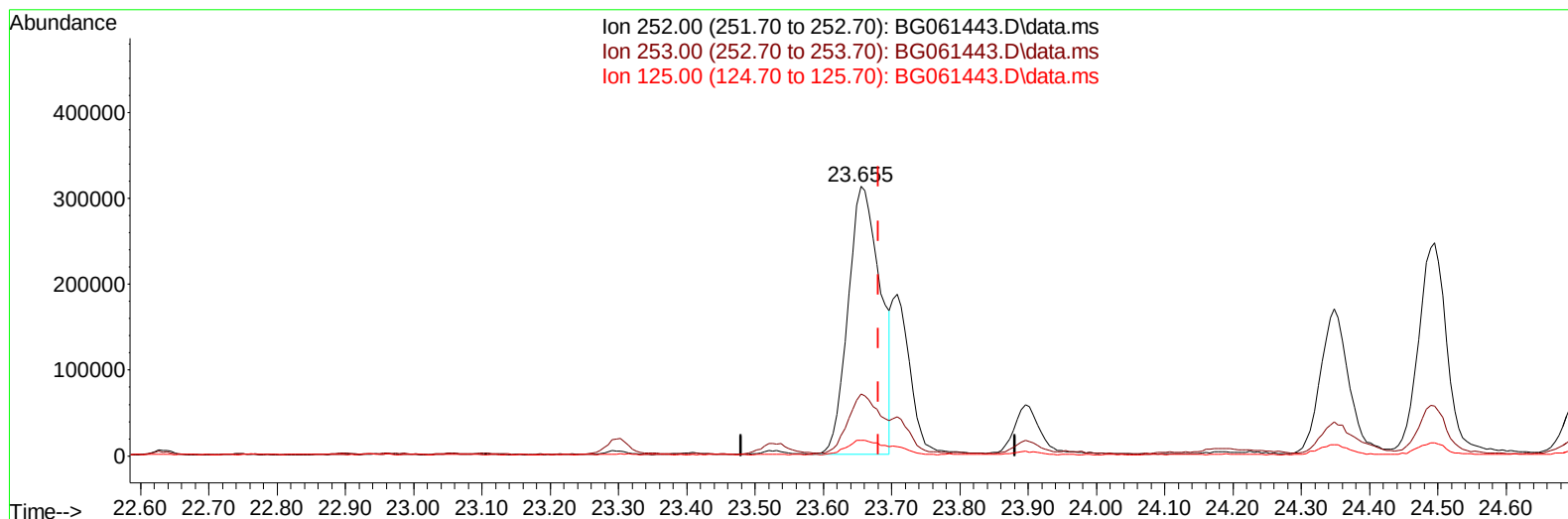
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:43:33 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: BG061443.D\data.ms

(91) Benzo(k)fluoranthene

23.655min (-0.025) 50.91 ng/u1

response 1029895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.00
125.00	5.40	5.82
0.00	0.00	0.00

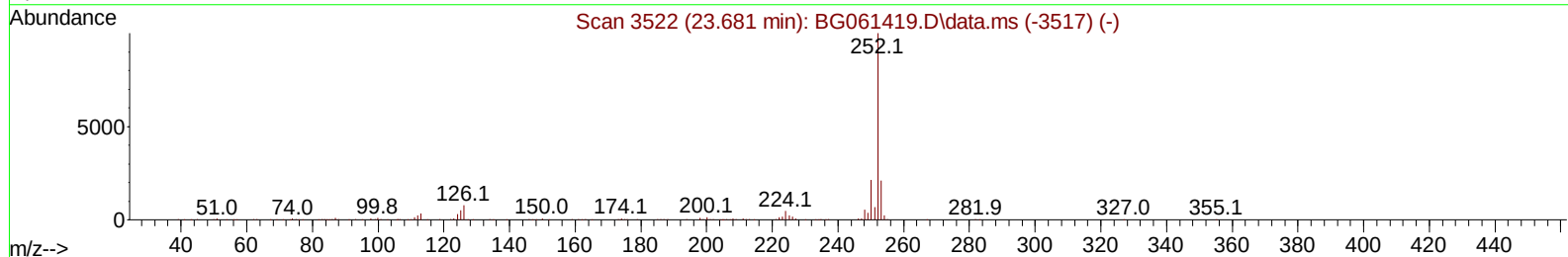
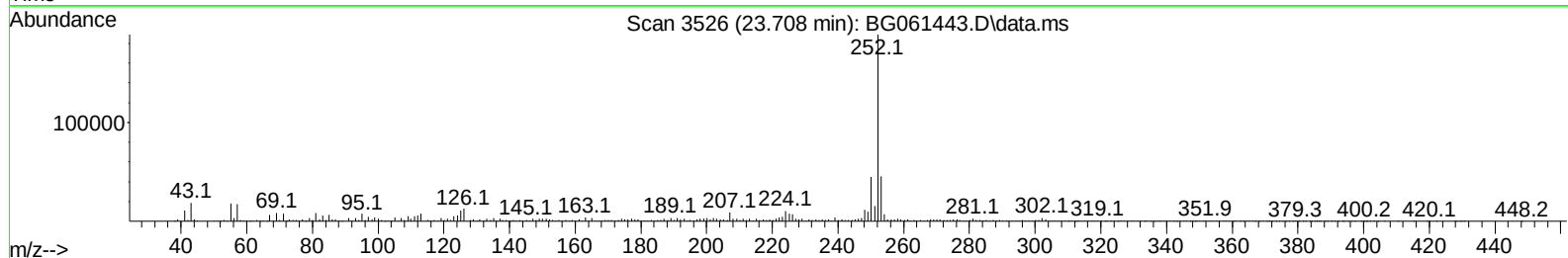
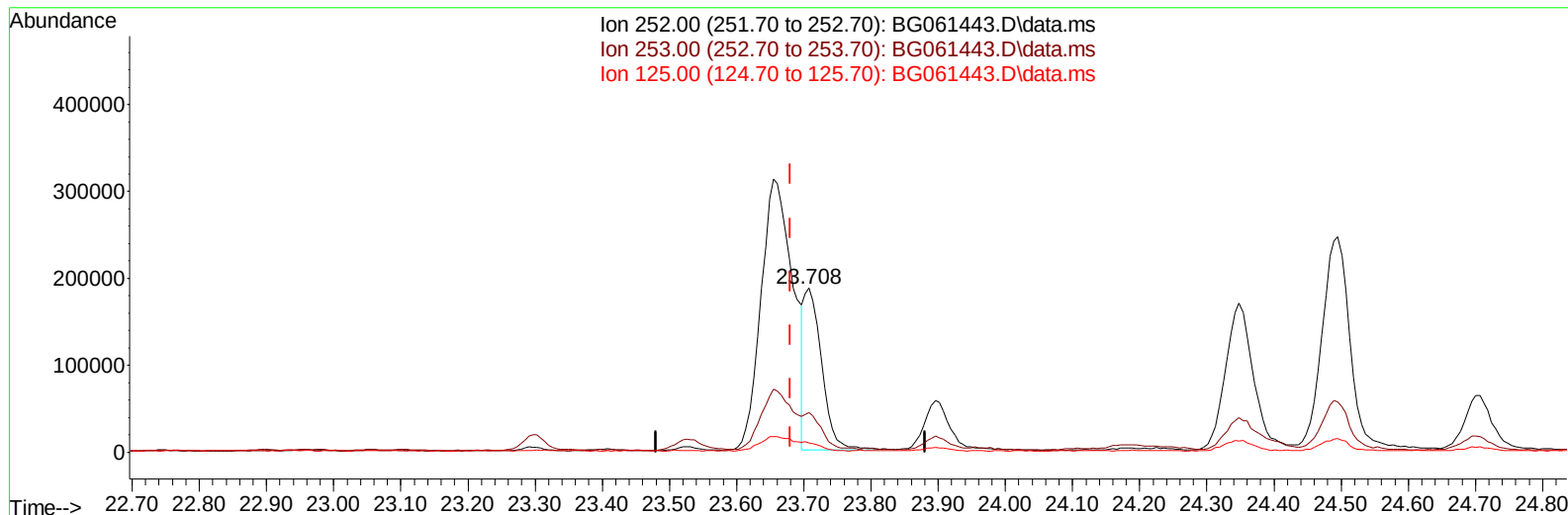
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:43:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061443.D\data.ms

(91) Benzo(k)fluoranthene

23.708min (+ 0.028) 17.15 ng/ul m

response 346950

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.07#
125.00	5.40	5.74
0.00	0.00	0.00

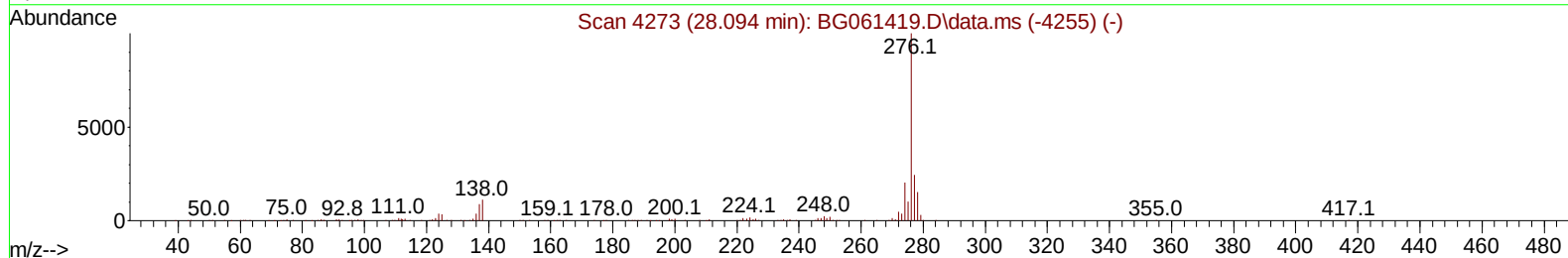
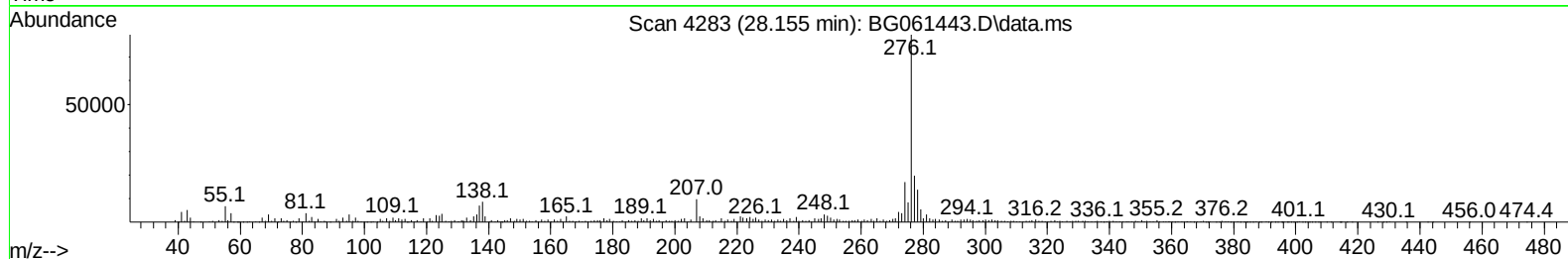
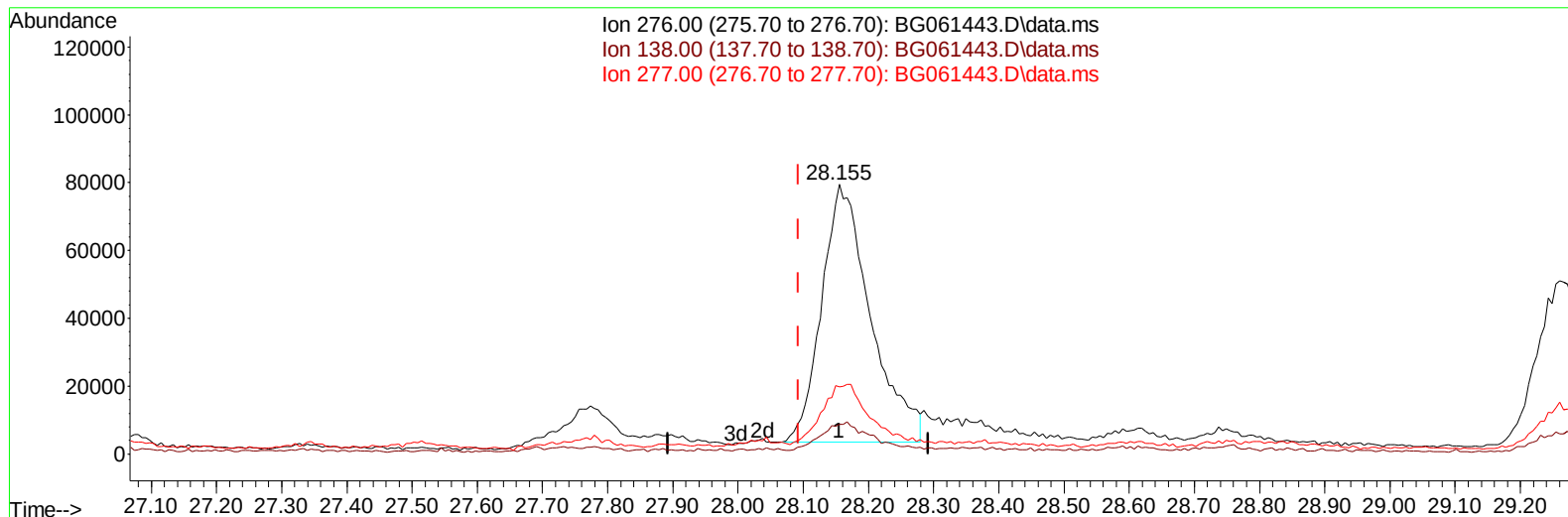
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:43:33 2024
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Quant Title : SVOA CALIBRATION
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: BG061443.D\data.ms

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

28.155min (+ 0.063) 17.38 ng/ul

response 397601

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.93
277.00	24.60	24.82
0.00	0.00	0.00

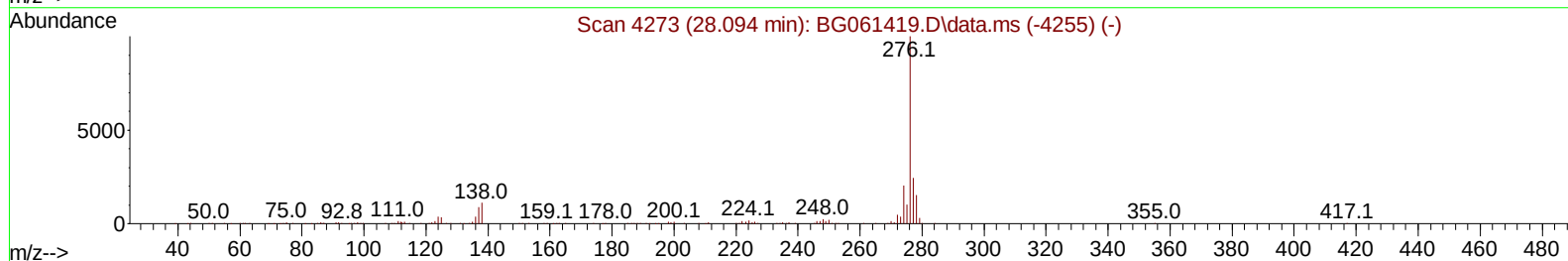
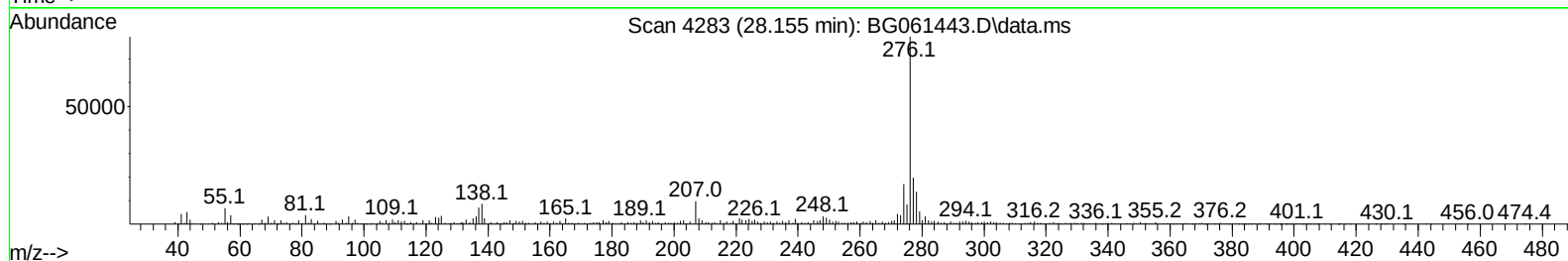
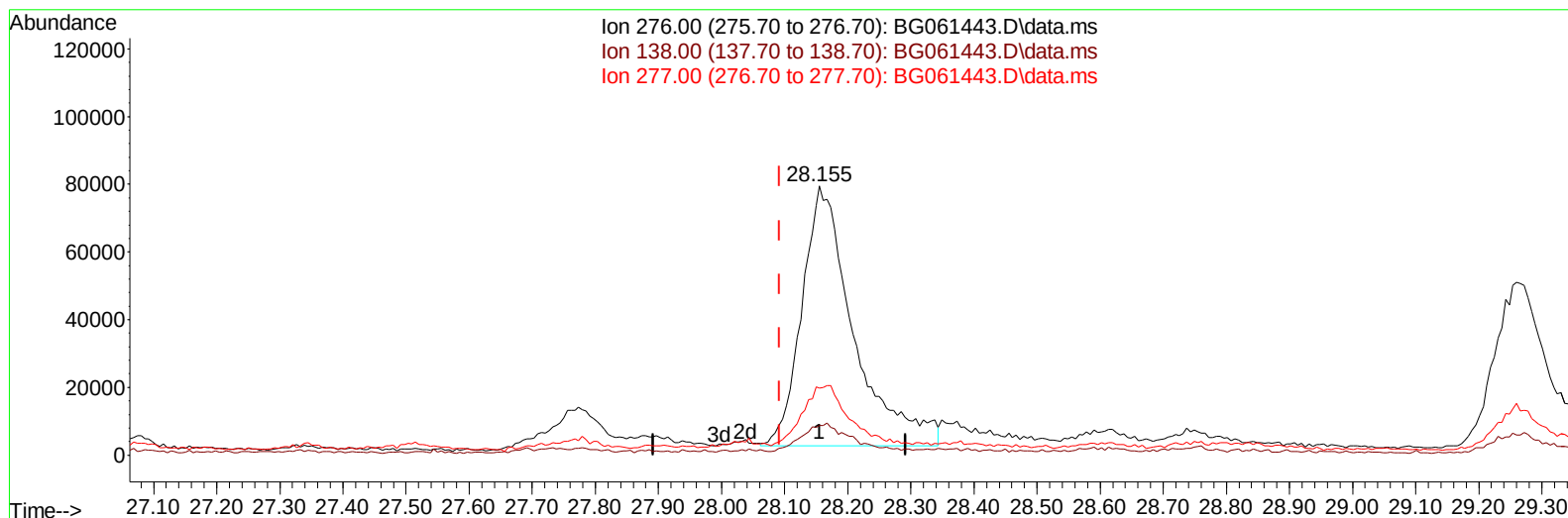
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:43:33 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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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061443.D\data.ms

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

28.155min (+ 0.063) 19.00 ng/ul m

response 434816

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.93
277.00	24.60	24.82
0.00	0.00	0.00

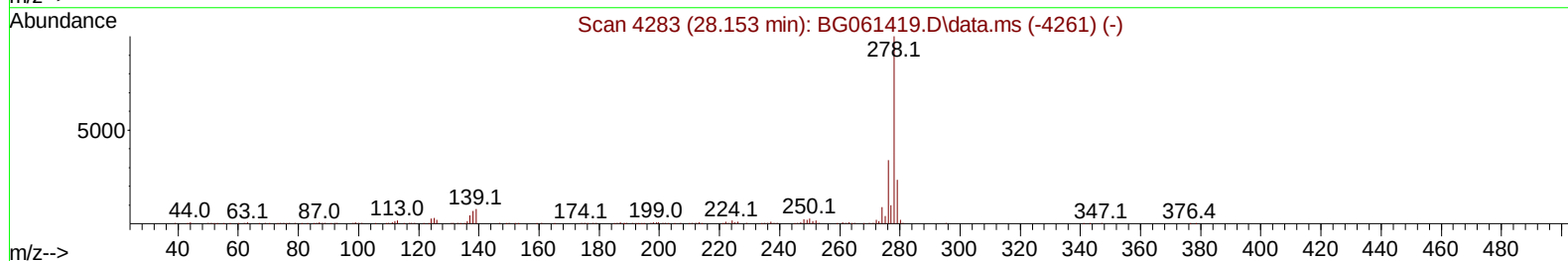
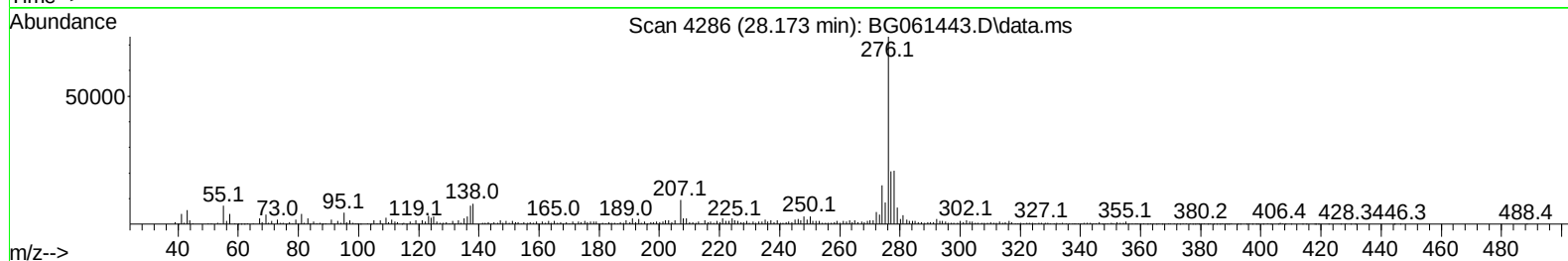
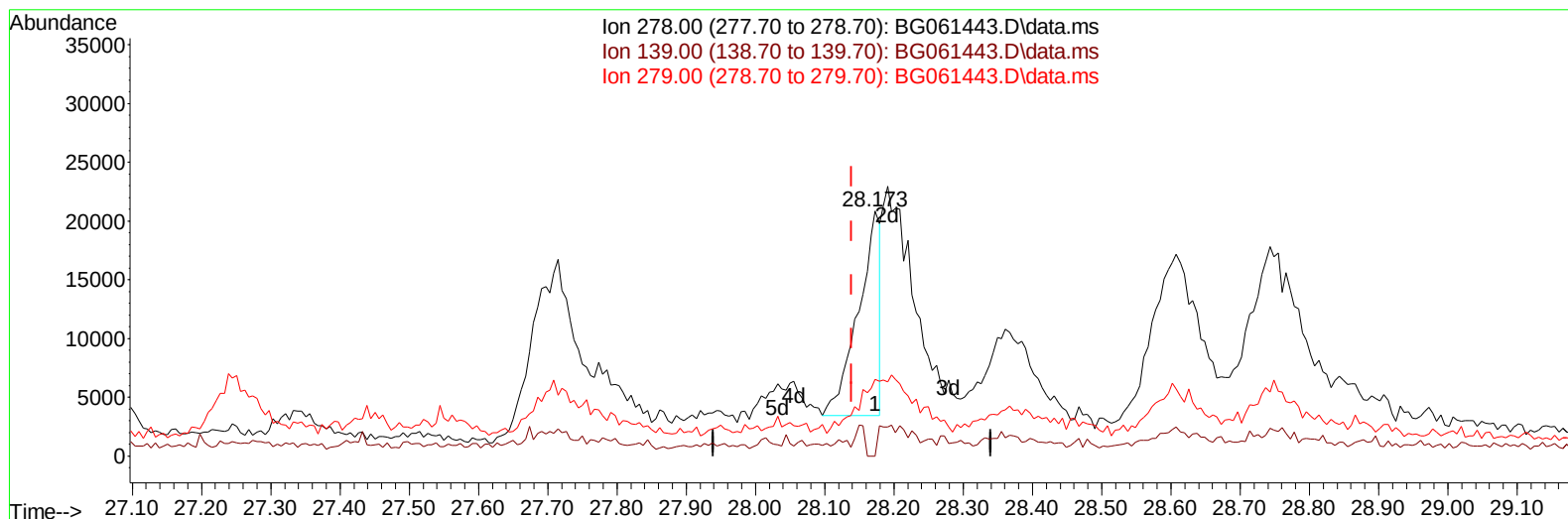
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:44:47 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: BG061443.D\data.ms

(95) Dibenzo(a,h)anthracene

28.173min (+ 0.033) 2.03 ng/u1

response 38240

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	31.15#
0.00	0.00	0.00

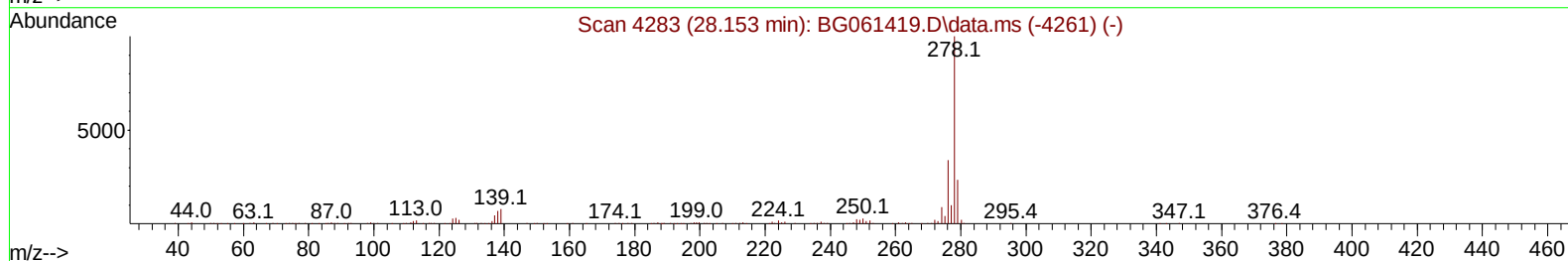
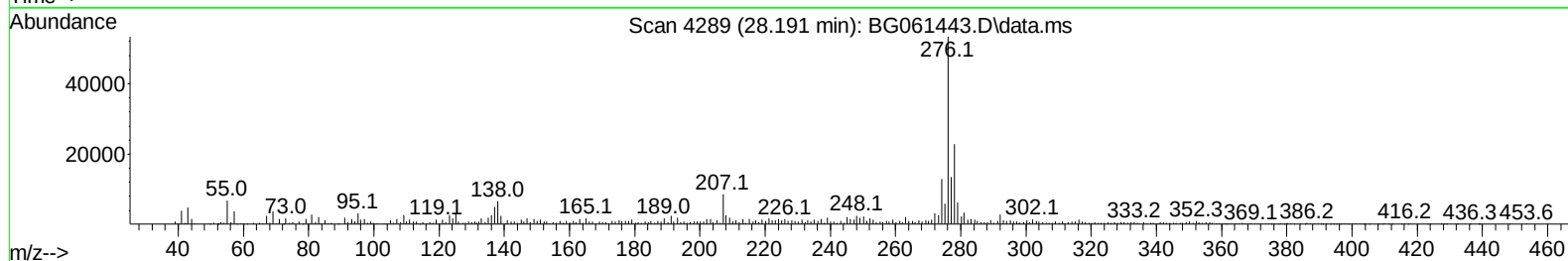
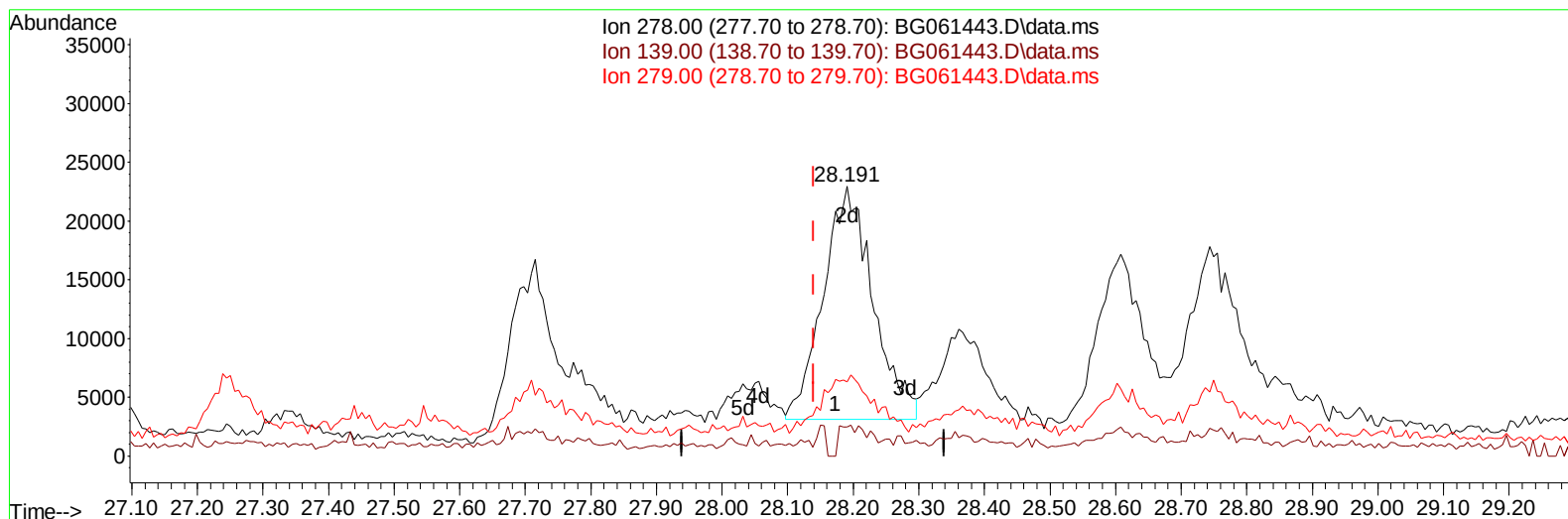
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:44:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061443.D\data.ms

(95) Dibenzo(a,h)anthracene

28.191min (+ 0.051) 5.53 ng/ul m

response 104413

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.75#
279.00	24.90	27.52
0.00	0.00	0.00

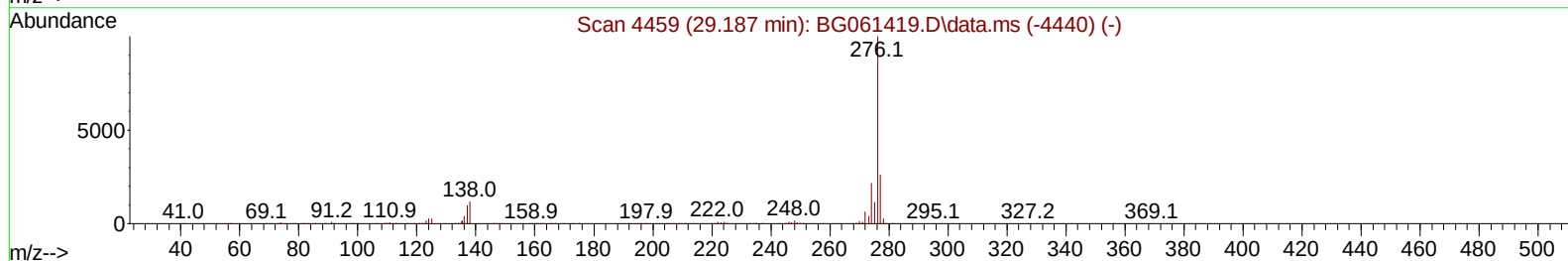
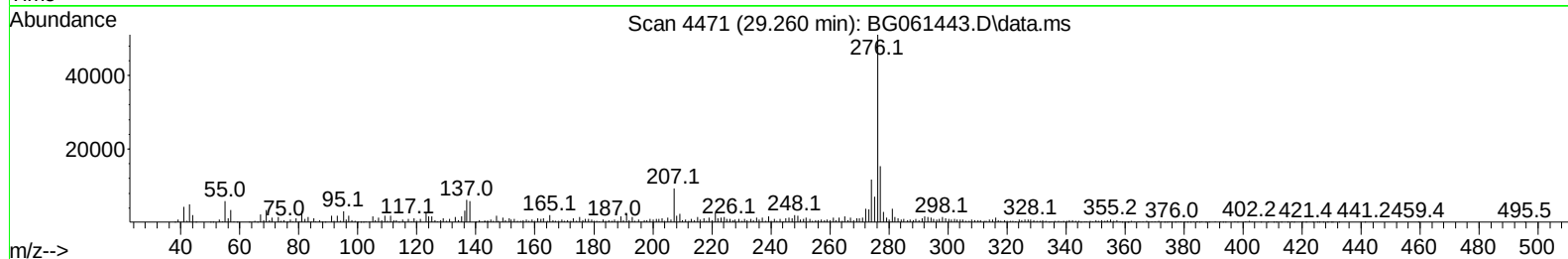
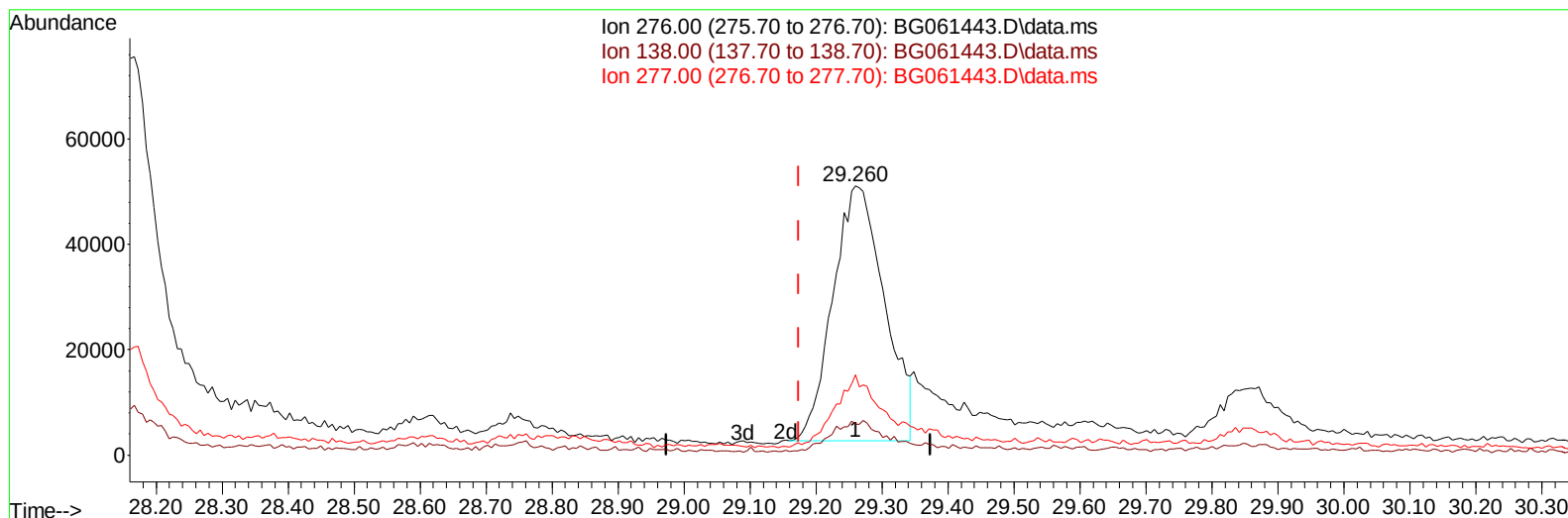
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:45:14 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: BG061443.D\data.ms

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

29.260min (+ 0.086) 14.45 ng/ul

response 262973

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.47
277.00	22.70	29.92#
0.00	0.00	0.00

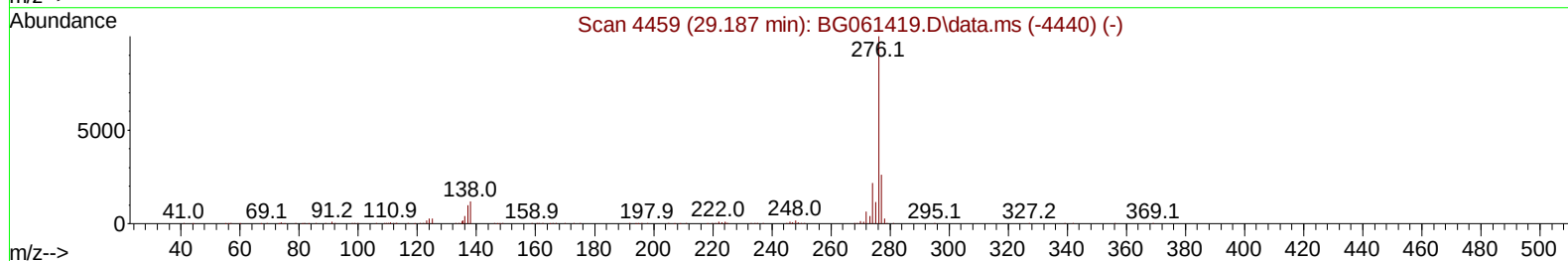
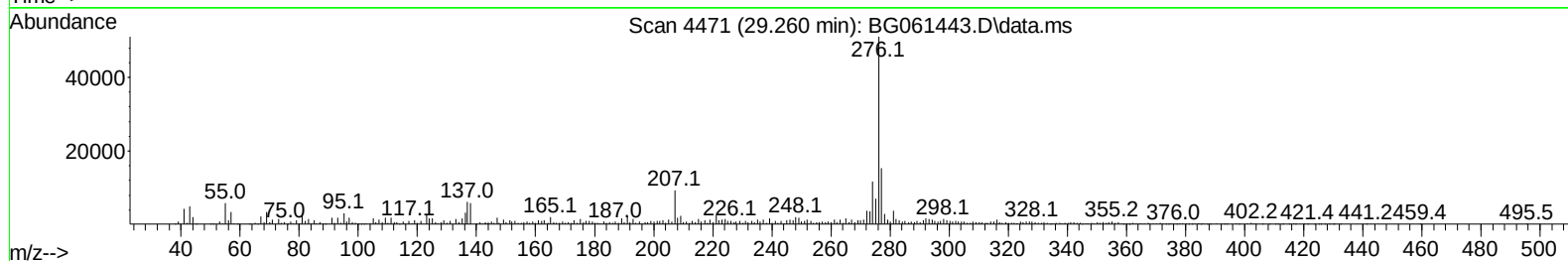
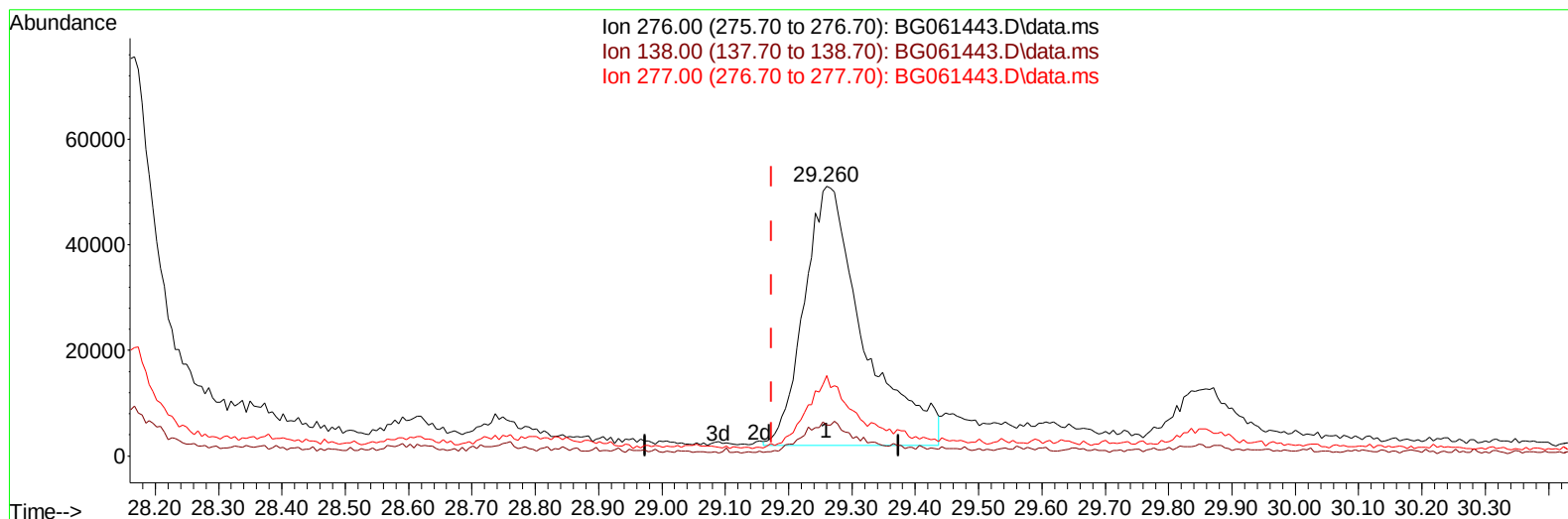
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061443.D
Acq On : 4 Jun 2024 5:08
Operator : MA/JU
Sample : P2577-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP0

Manual IntegrationsAPPROVED

Quant Time: Jun 04 05:45:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061443.D\data.ms

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

29.260min (+ 0.086) 17.57 ng/ul m

response 319844

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.47
277.00	22.70	29.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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 Operator : MA/JU
 Sample : P2577-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	43671	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	162294	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.513	164	121184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	278509	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.528	240	299479	20.000	ng/ul	0.02
88) Perylene-d12	24.630	264	334679	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	4125	5.286	ng/uL	0.00
4) Pyridine-d5	3.749	84	39977	14.400	ng/ul	0.00
7) Phenol-d5	7.068	99	91733	25.579	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.204	67	56906	25.245	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	75218	28.340	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	68756	22.484	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	38592	30.885	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	43797	29.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	86486	30.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	23057	6.182	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	263409	28.026	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	293734	30.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	28867	24.843	ng/ul	0.02
60) Fluorene-d10	15.506	176	235365	29.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	29829	17.708	ng/ul	0.02
73) Anthracene-d10	17.362	188	387314	31.544	ng/ul	0.00
81) Pyrene-d10	19.660	212	467410	30.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.424	264	510544	31.731	ng/ul	0.04
Target Compounds						
					Qvalue	
30) Naphthalene	10.723	128	17075	1.993	ng/ul#	93
36) 2-Methylnaphthalene	12.327	142	10340	1.664	ng/ul	93
37) 1-Methylnaphthalene	12.556	142	9057	1.421	ng/ul#	75
50) Acenaphthylene	14.236	152	14240m	1.314	ng/ul	
52) Acenaphthene	14.571	153	22247	3.130	ng/ul	95
56) Dibenzofuran	14.912	168	23463	2.309	ng/ul	96
61) Fluorene	15.564	166	25999	2.957	ng/ul	95
72) Phenanthrene	17.309	178	563076	41.655	ng/ul	98
74) Anthracene	17.397	178	107063	7.660	ng/ul	99
77) Carbazole	17.668	167	53242	4.683	ng/ul	99
78) Di-n-butylphthalate	18.226	149	18641	1.309	ng/ul#	94
80) Fluoranthene	19.330	202	1179146	63.922	ng/ul	99
82) Pyrene	19.689	202	1066525	55.700	ng/ul	99
85) Benzo(a)anthracene	21.504	228	723766	35.025	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	14523	1.492	ng/ul#	79
87) Chrysene	21.569	228	706482	37.130	ng/ul	95
90) Benzo(b)fluoranthene	23.655	252	1029895	51.684	ng/ul	99
91) Benzo(k)fluoranthene	23.708	252	346950m	17.151	ng/ul	
93) Benzo(a)pyrene	24.495	252	678868	35.878	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.155	276	434816m	19.002	ng/ul	
95) Dibenzo(a,h)anthracene	28.191	278	104413m	5.534	ng/ul	
96) Benzo(g,h,i)perylene	29.260	276	319844m	17.570	ng/ul	

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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

Quant Time: Jun 04 05:45:48 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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