

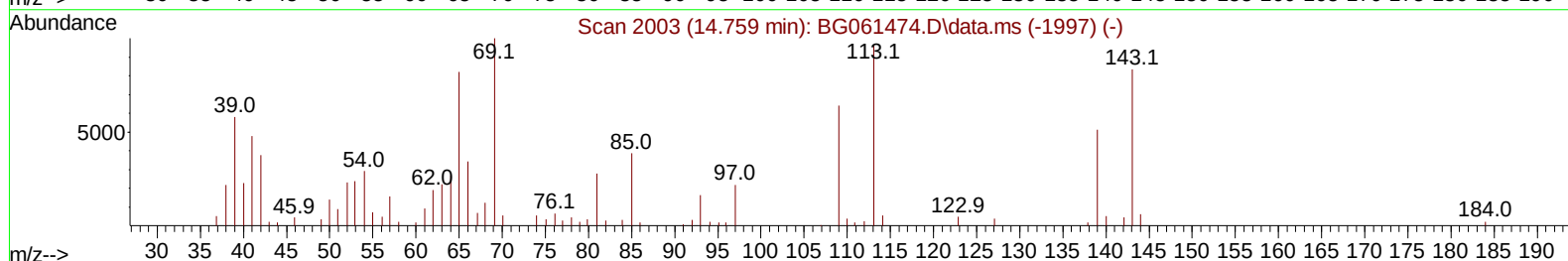
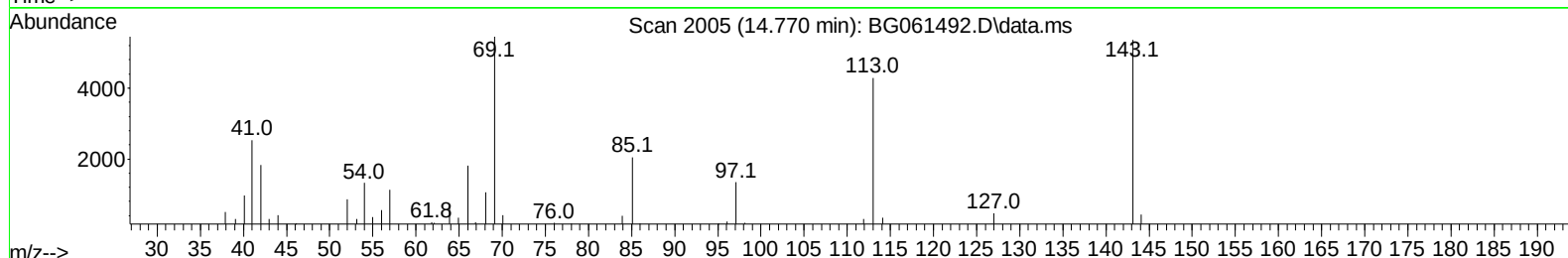
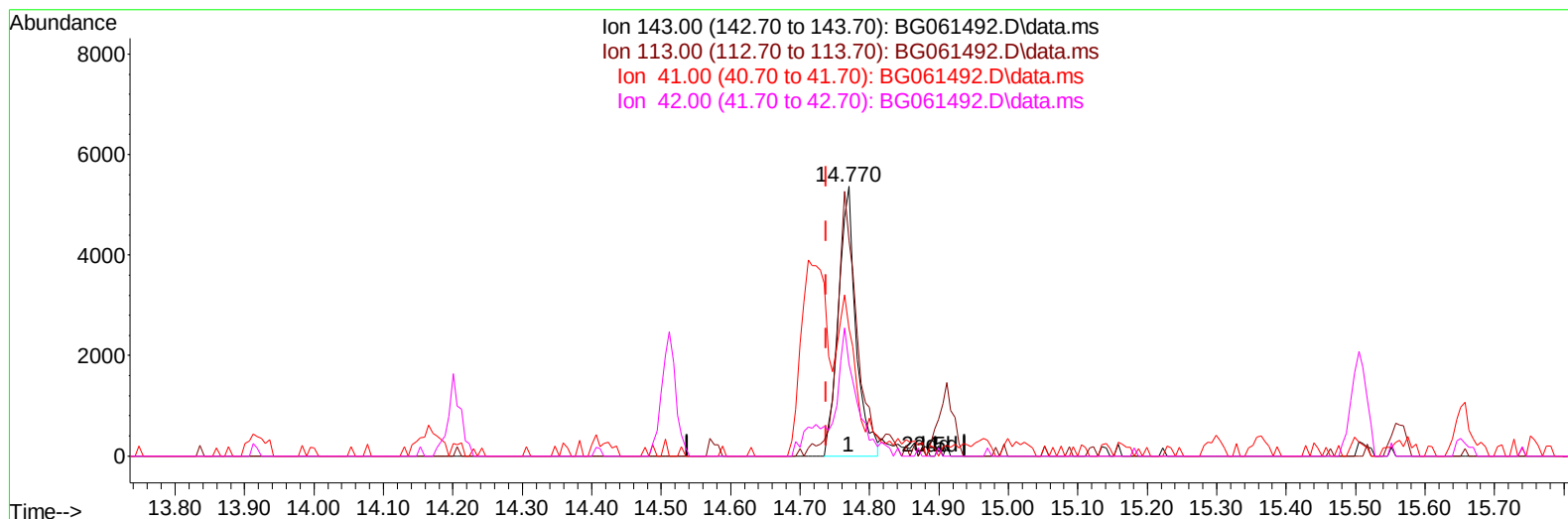
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061492.D
 Acq On : 5 Jun 2024 18:37
 Operator : MA/JU
 Sample : P2623-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:53:14 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 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061492.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.770min (+ 0.033) 11.64 ng/ul

response 9414

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	79.96#
41.00	77.10	47.22#
42.00	49.50	34.13#

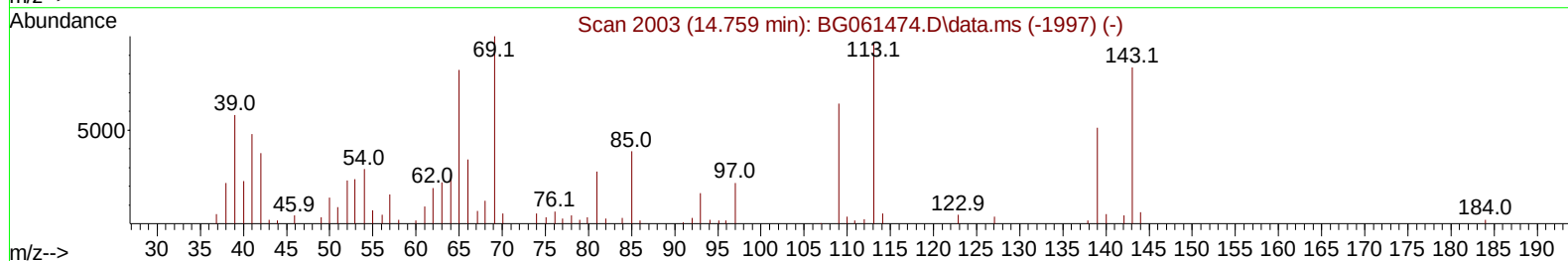
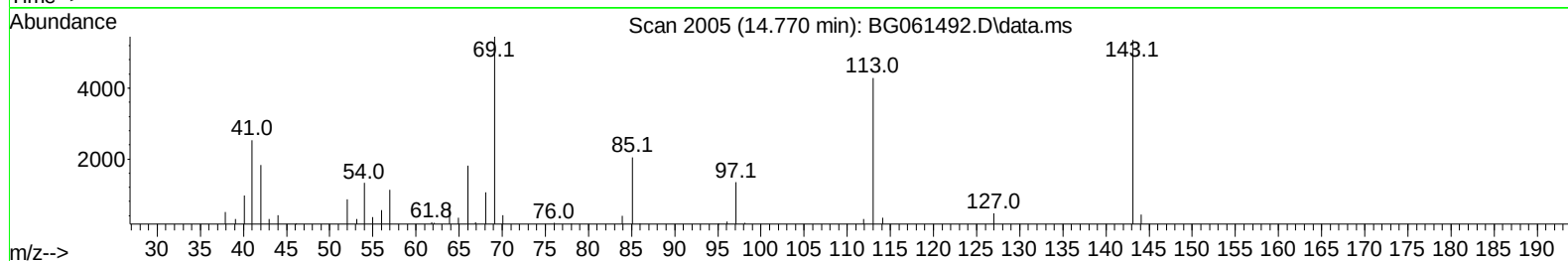
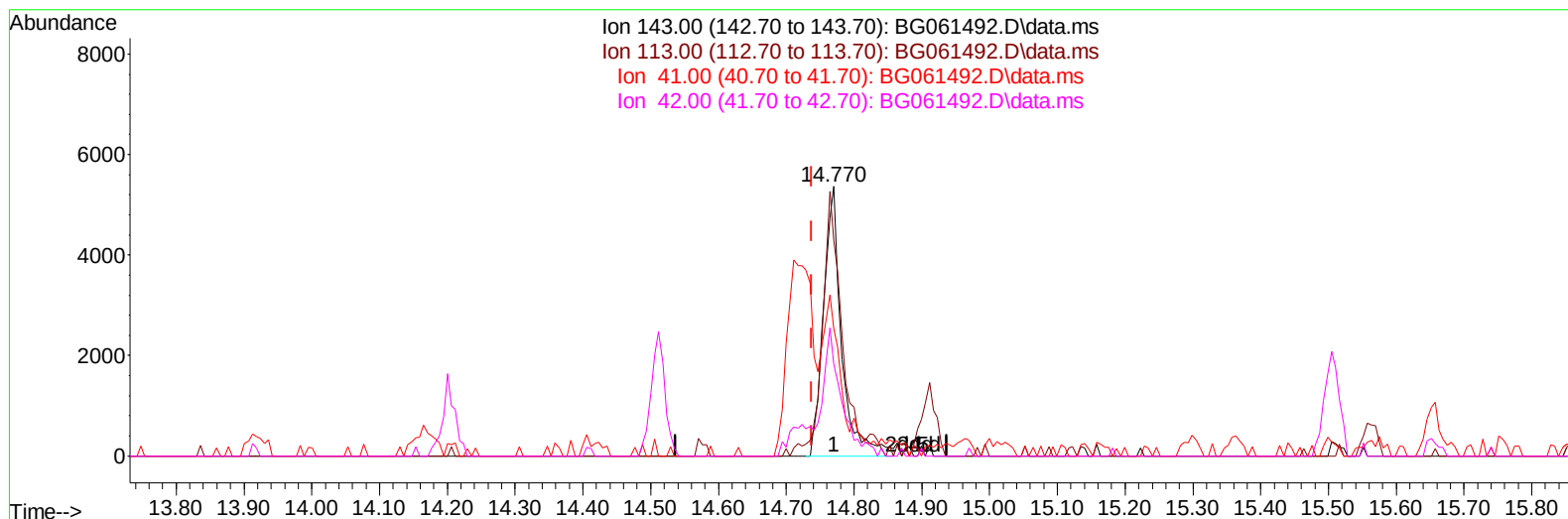
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061492.D
 Acq On : 5 Jun 2024 18:37
 Operator : MA/JU
 Sample : P2623-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061492.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.770min (+ 0.033) 12.40 ng/ul m

response 10030

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	79.96#
41.00	77.10	47.22#
42.00	49.50	34.13#

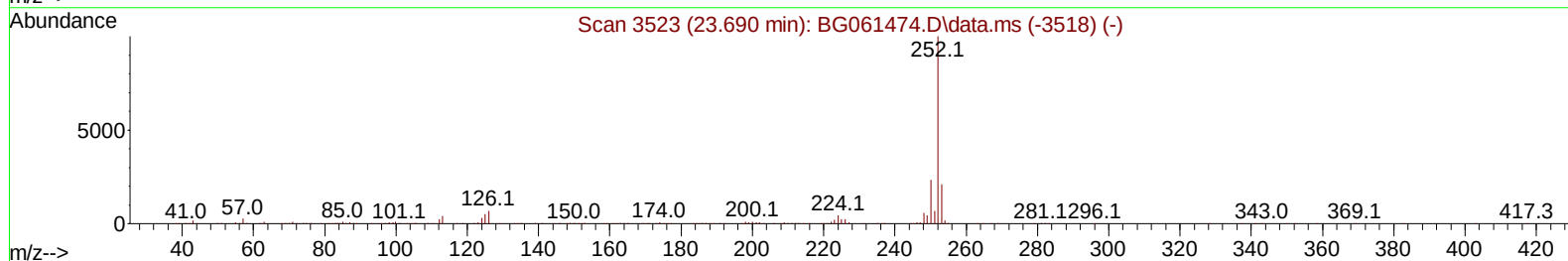
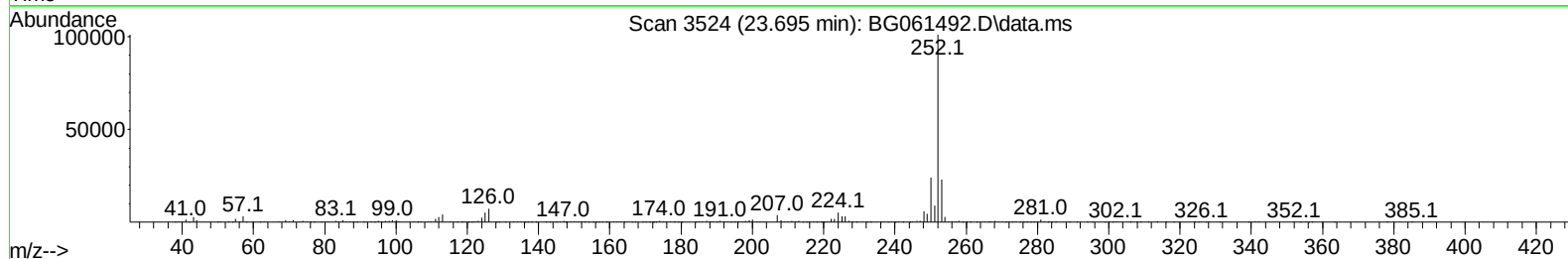
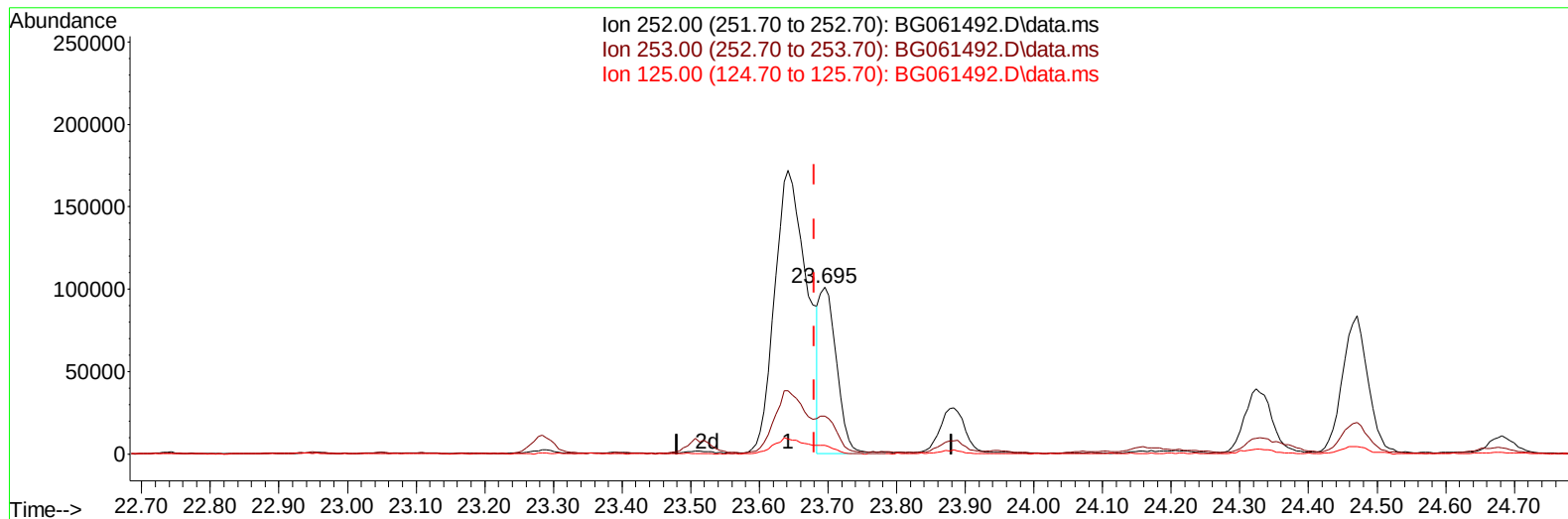
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061492.D
Acq On : 5 Jun 2024 18:37
Operator : MA/JU
Sample : P2623-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061492.D\data.ms

(91) Benzo(k)fluoranthene

23.695min (+ 0.015) 13.09 ng/ul m

response 176274

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.82
125.00	5.40	5.23
0.00	0.00	0.00

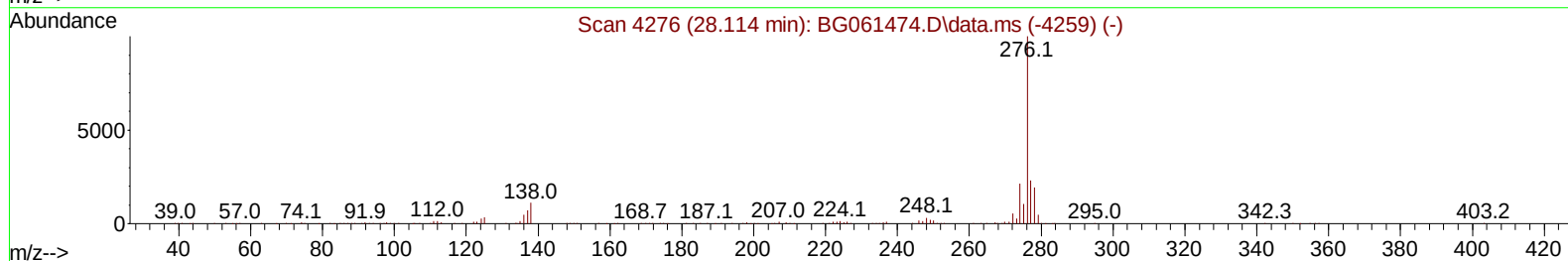
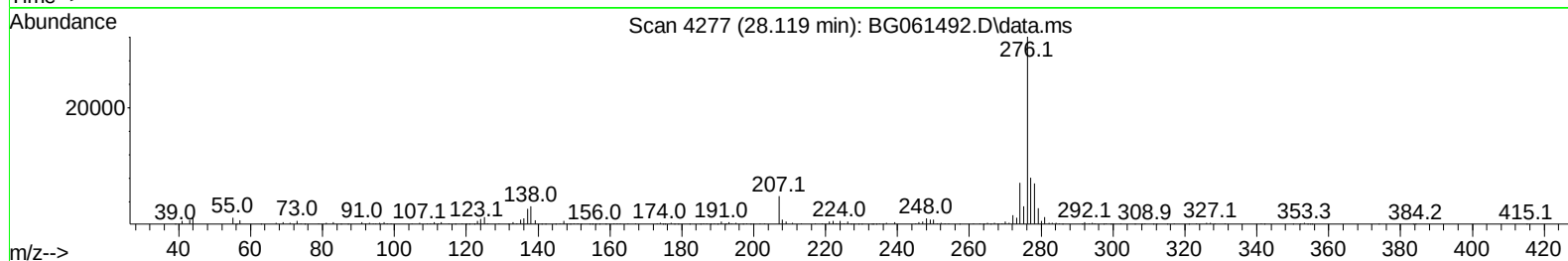
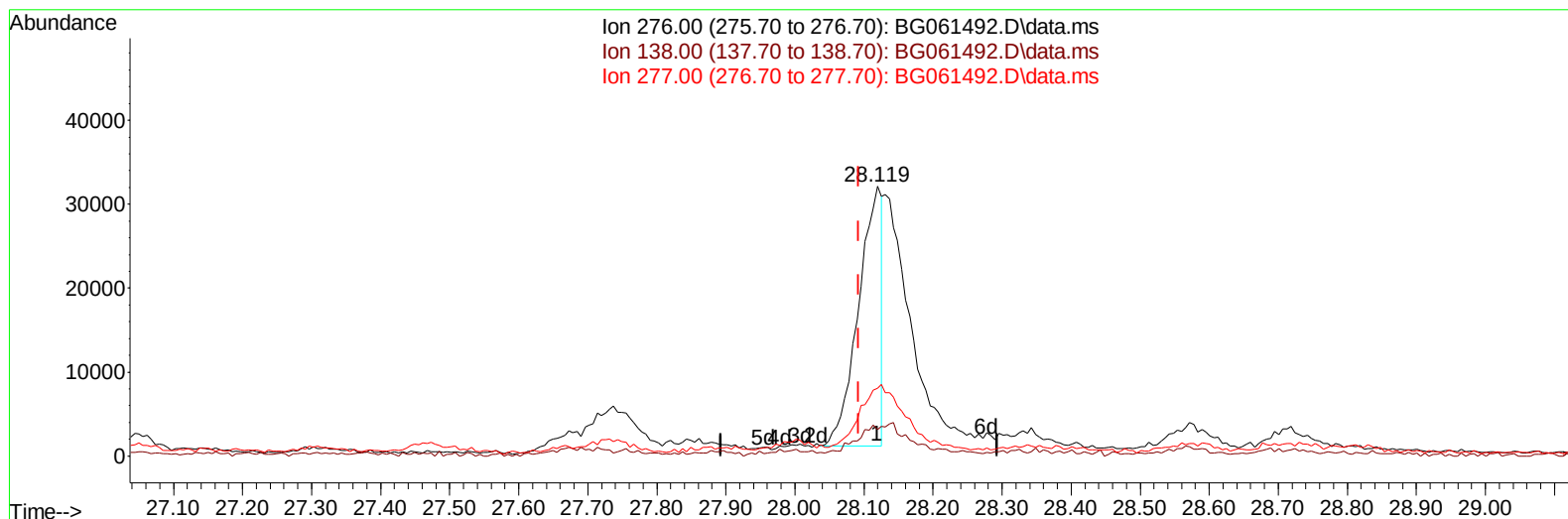
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061492.D
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Operator : MA/JU
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Instrument :
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ClientSampleId :
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TIC: BG061492.D\data.ms

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

28.119min (+ 0.027) 4.79 ng/u l

response 72960

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.79
277.00	24.60	25.17
0.00	0.00	0.00

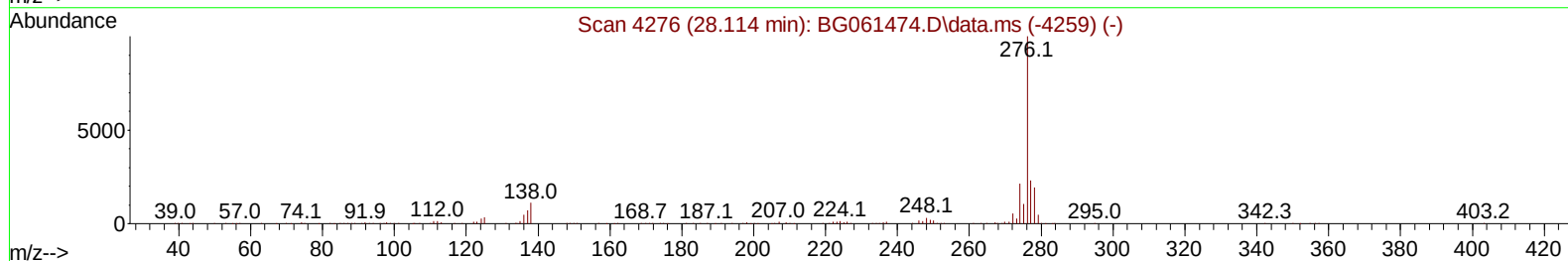
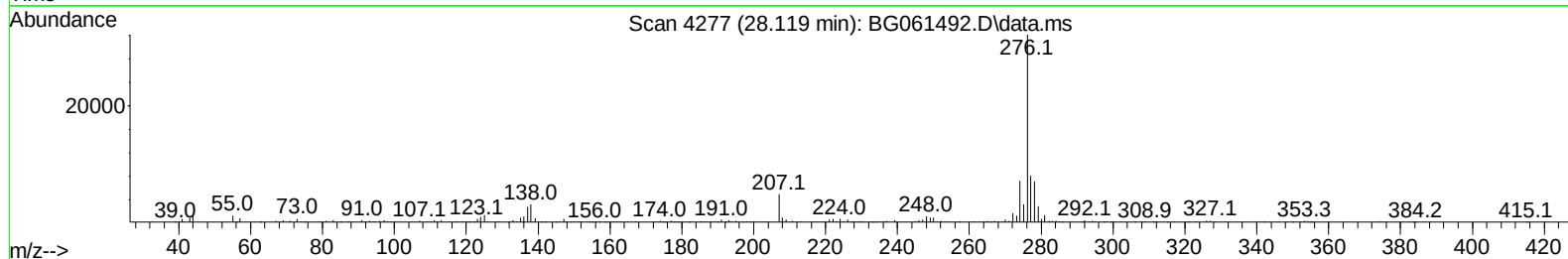
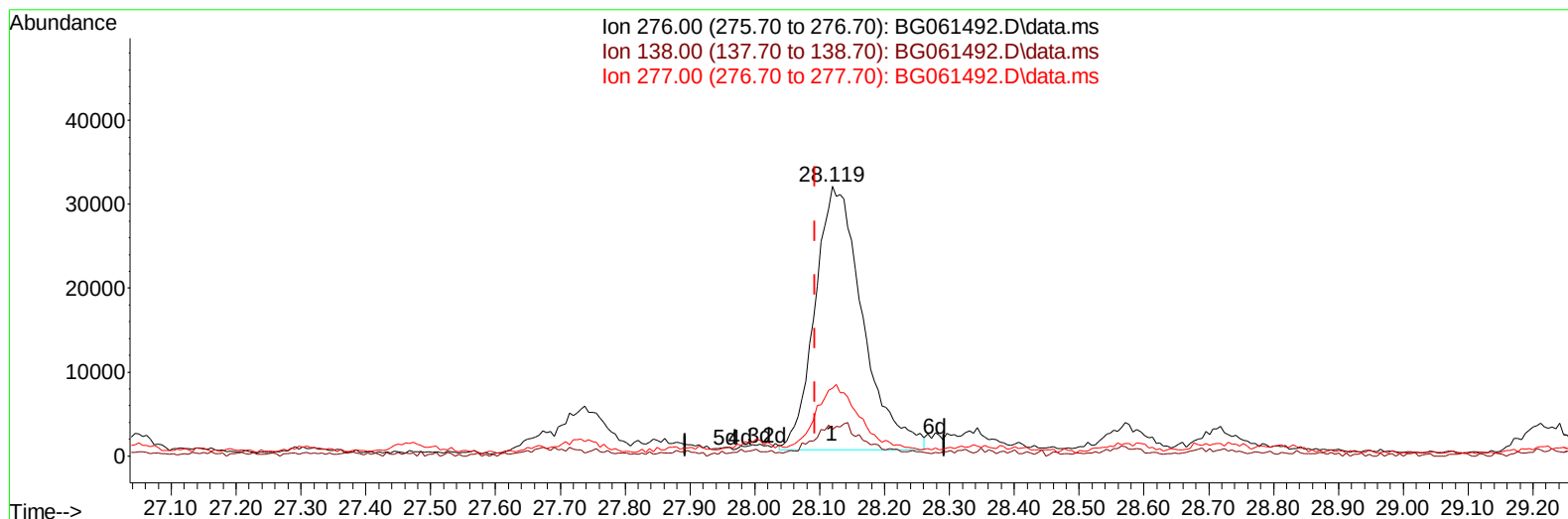
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061492.D
Acq On : 5 Jun 2024 18:37
Operator : MA/JU
Sample : P2623-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:53:14 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
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TIC: BG061492.D\data.ms

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

28.119min (+ 0.027) 10.52 ng/ul m

response 160206

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.79
277.00	24.60	25.17
0.00	0.00	0.00

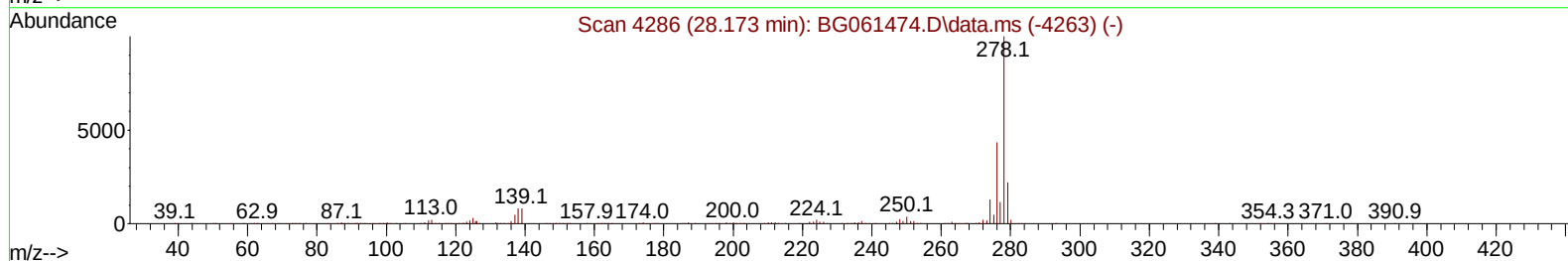
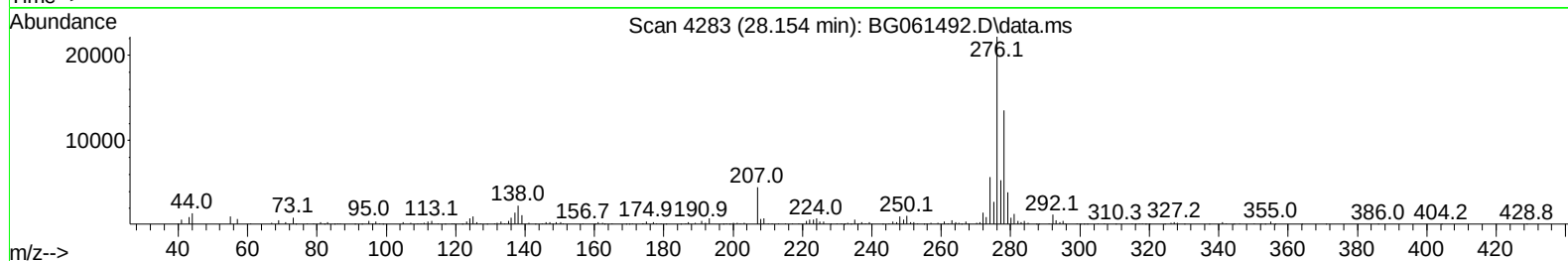
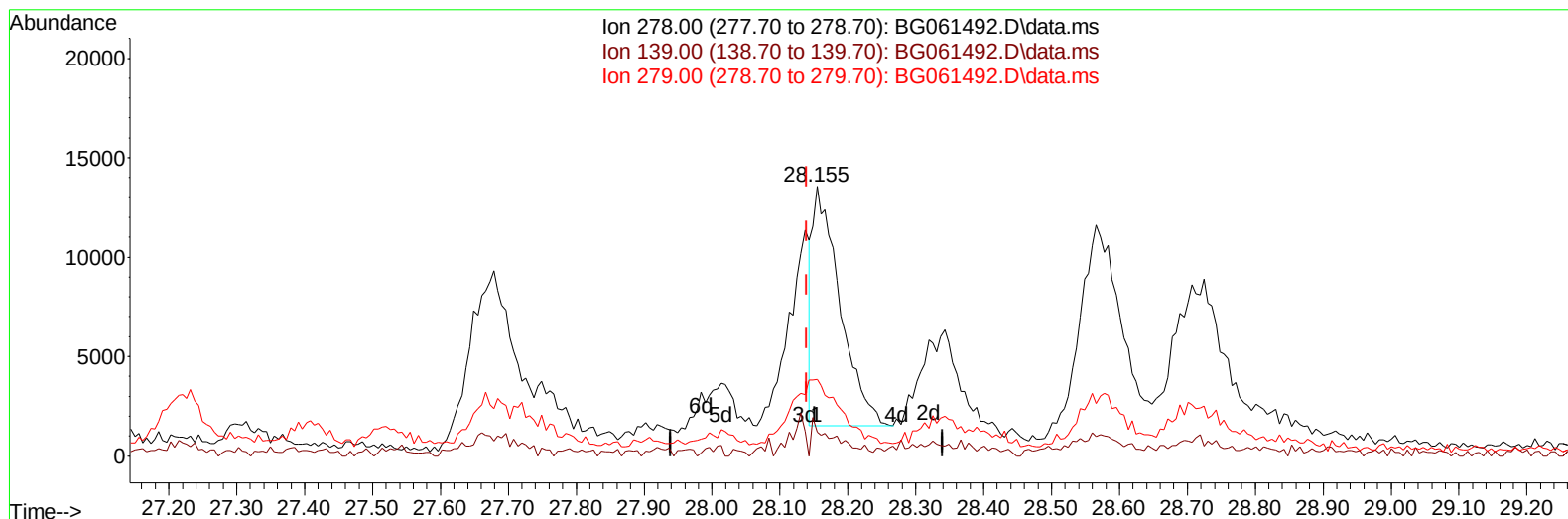
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061492.D
Acq On : 5 Jun 2024 18:37
Operator : MA/JU
Sample : P2623-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:56:48 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 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061492.D\data.ms

(95) Dibenzo(a,h)anthracene

28.154min (+ 0.015) 2.68 ng/u l

response 33712

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.78
279.00	24.90	28.44
0.00	0.00	0.00

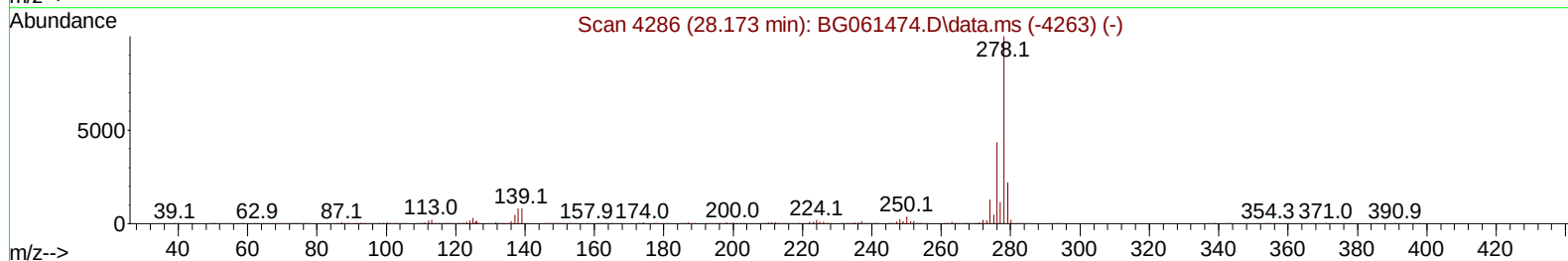
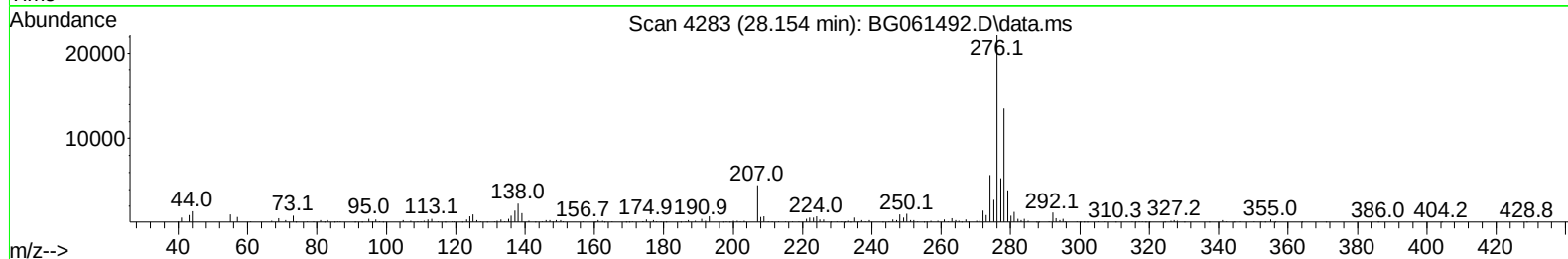
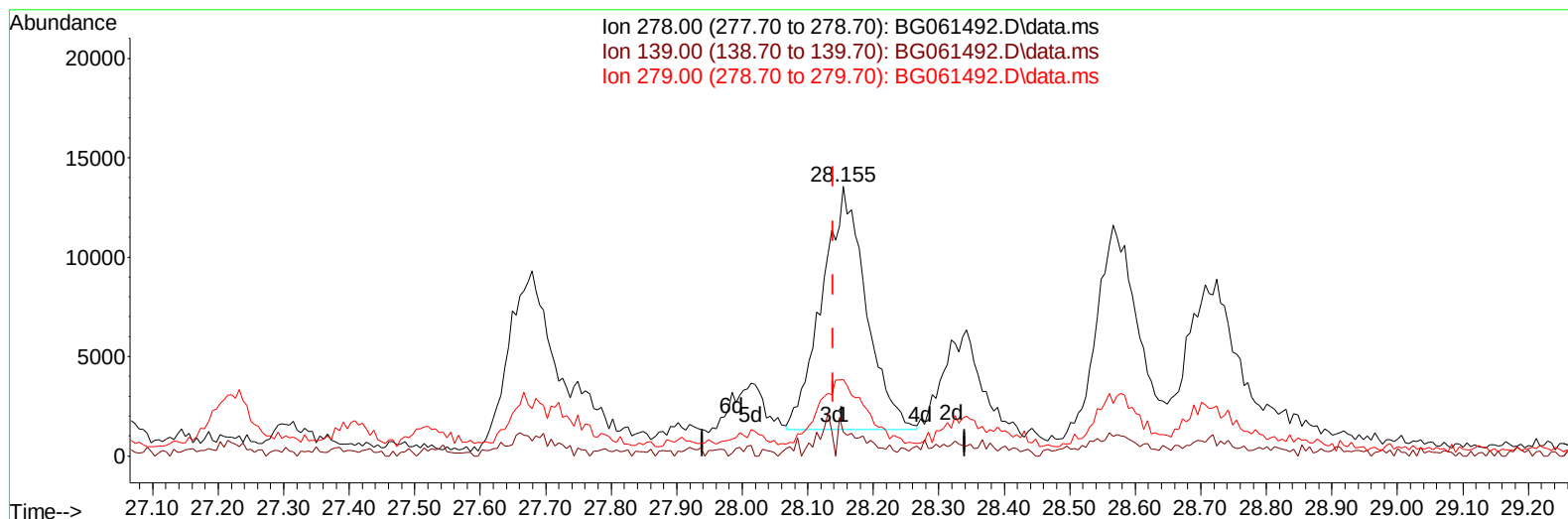
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061492.D
 Acq On : 5 Jun 2024 18:37
 Operator : MA/JU
 Sample : P2623-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:56:48 2024
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TIC: BG061492.D\data.ms

(95) Dibenzo(a,h)anthracene

28.154min (+ 0.015) 4.54 ng/ul m

response 56979

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.78
279.00	24.90	28.44
0.00	0.00	0.00

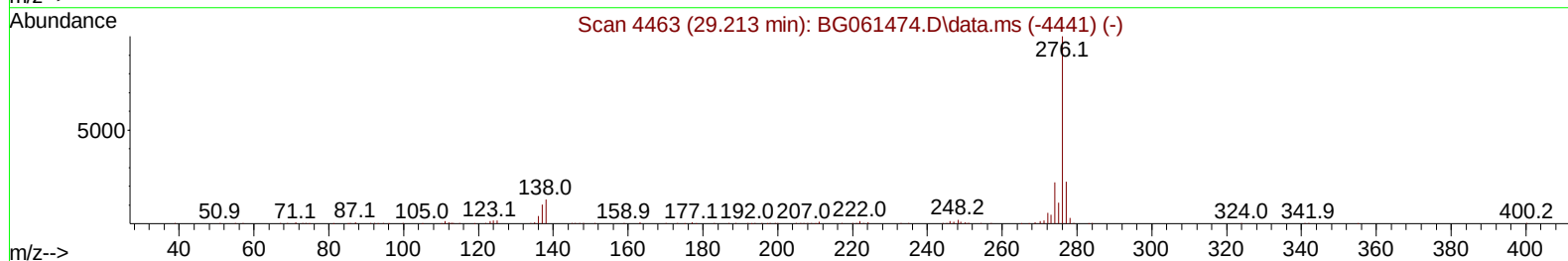
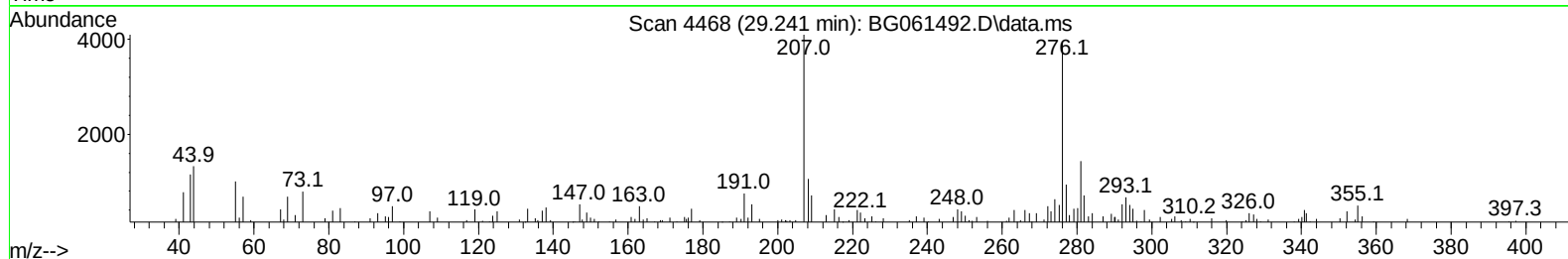
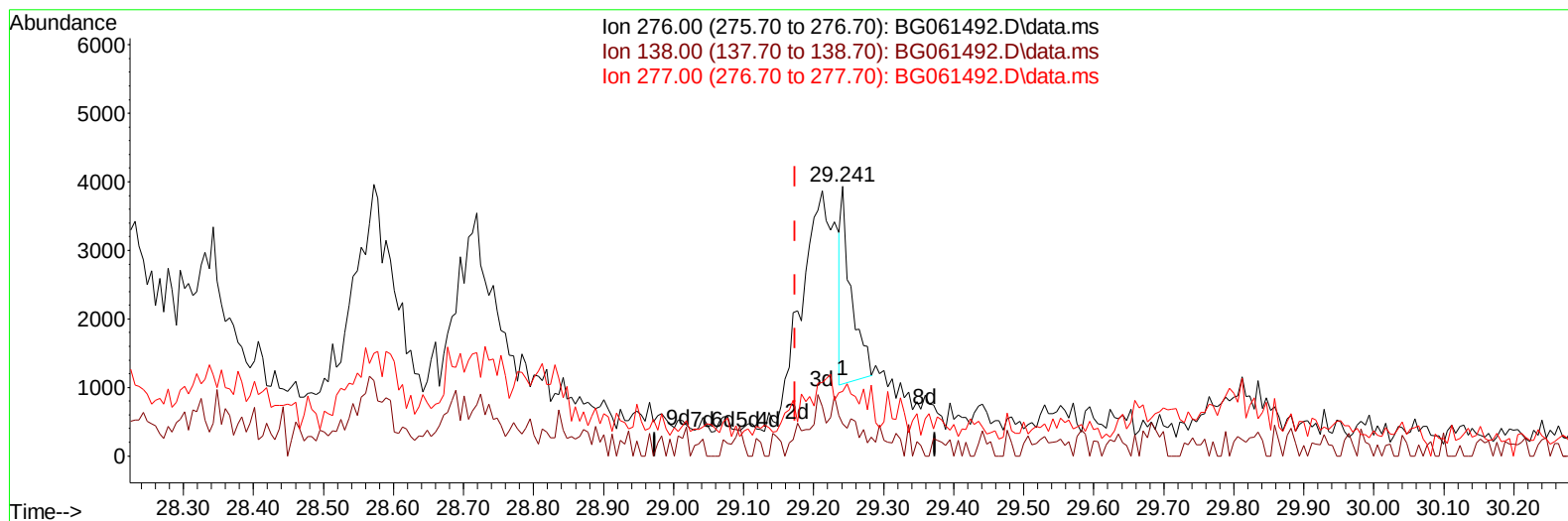
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061492.D
Acq On : 5 Jun 2024 18:37
Operator : MA/JU
Sample : P2623-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:57:22 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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TIC: BG061492.D\data.ms

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

29.241min (+ 0.068) 0.24 ng/u1

response 2894

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.83
277.00	22.70	23.91
0.00	0.00	0.00

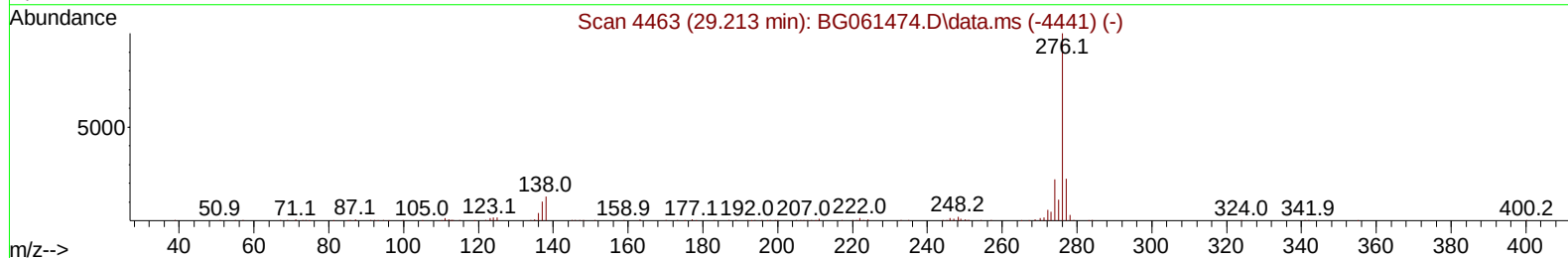
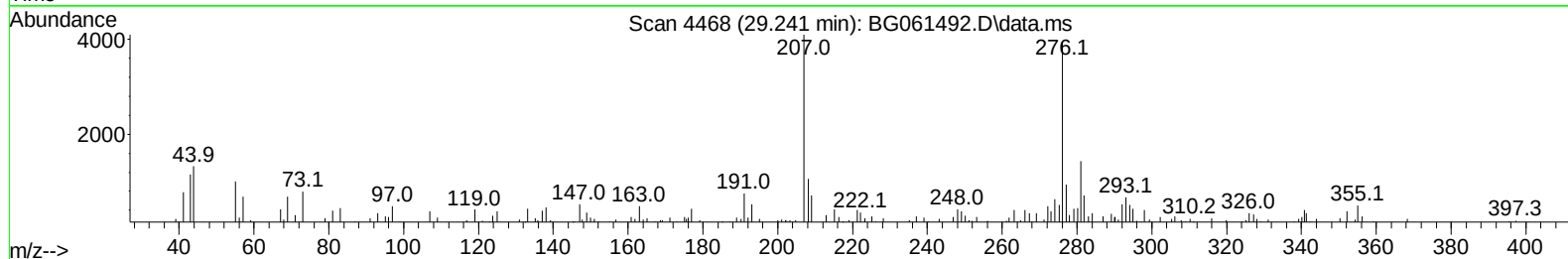
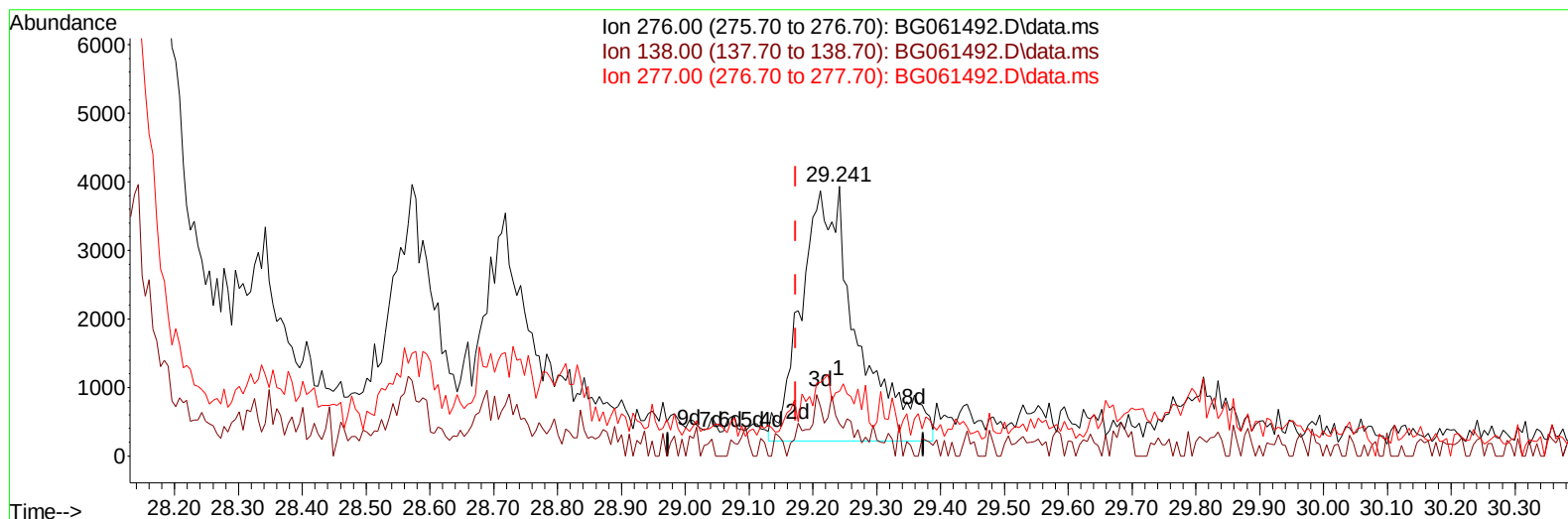
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061492.D
 Acq On : 5 Jun 2024 18:37
 Operator : MA/JU
 Sample : P2623-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:57:22 2024
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TIC: BG061492.D\data.ms

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

29.241min (+ 0.068) 1.87 ng/ul m

response 22635

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.83
277.00	22.70	23.91
0.00	0.00	0.00

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 Sample : P2623-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.872	152		30613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136		122093	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.512	164		84357	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188		181612	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240		194161	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264		222825	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.337	96		1311	2.397	ng/uL	0.00
4) Pyridine-d5	3.748	84		8411	4.322	ng/ul	0.00
7) Phenol-d5	7.067	99		36281	14.432	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.203	67		22866	14.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132		29599	15.909	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113		26434	12.331	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128		16199	17.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143		17995	16.357	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165		36930	17.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131		23314	8.309	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166		114927	17.566	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160		119749	17.605	ng/ul	0.00
54) 4-Nitrophenol-d4	14.770	143		10030m	12.400	ng/ul	0.03
60) Fluorene-d10	15.511	176		101363	17.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200		11174	10.173	ng/ul	0.01
73) Anthracene-d10	17.361	188		150959	18.854	ng/ul	0.00
81) Pyrene-d10	19.659	212		170960	17.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.400	264		148092	13.824	ng/ul	0.01
Target Compounds							
						Qvalue	
30) Naphthalene	10.722	128		18838	2.923	ng/ul	99
36) 2-Methylnaphthalene	12.326	142		9030	1.932	ng/ul	92
37) 1-Methylnaphthalene	12.549	142		8026	1.673	ng/ul#	90
52) Acenaphthene	14.576	153		28133	5.686	ng/ul	97
56) Dibenzofuran	14.911	168		36696	5.187	ng/ul	99
61) Fluorene	15.563	166		44713	7.305	ng/ul	98
72) Phenanthrene	17.308	178		647084	73.410	ng/ul	98
74) Anthracene	17.397	178		135889	14.910	ng/ul	97
77) Carbazole	17.673	167		66122	8.920	ng/ul	99
80) Fluoranthene	19.324	202		948574	79.316	ng/ul	99
82) Pyrene	19.688	202		621698	50.080	ng/ul	98
85) Benzo(a)anthracene	21.503	228		480851	35.892	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149		12030	1.906	ng/ul#	97
87) Chrysene	21.568	228		419005	33.966	ng/ul	96
90) Benzo(b)fluoranthene	23.642	252		558088	42.066	ng/ul	100
91) Benzo(k)fluoranthene	23.695	252		176274m	13.088	ng/ul	
93) Benzo(a)pyrene	24.471	252		212659	16.881	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.119	276		160206m	10.516	ng/ul	
95) Dibenzo(a,h)anthracene	28.154	278		56979m	4.536	ng/ul	
96) Benzo(g,h,i)perylene	29.241	276		22635m	1.868	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BHBR3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/07/2024

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