

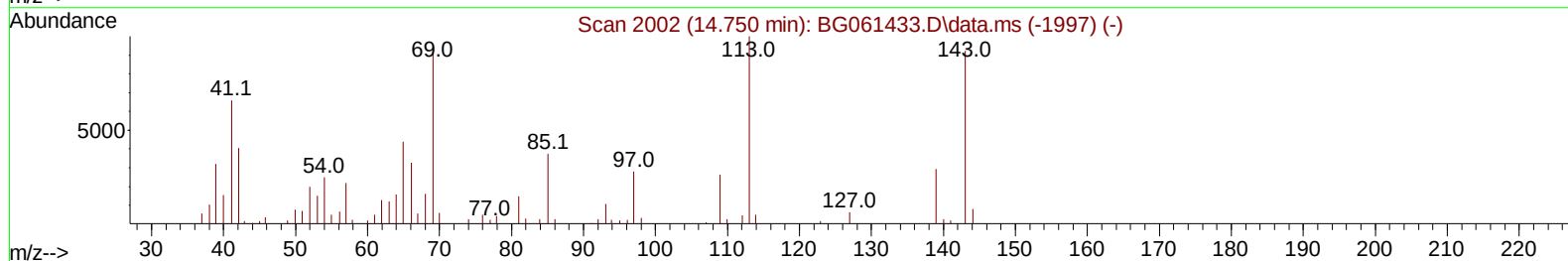
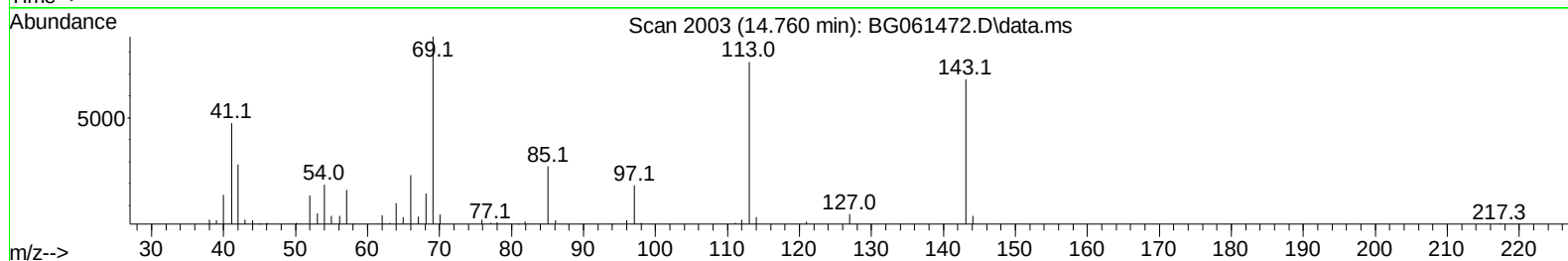
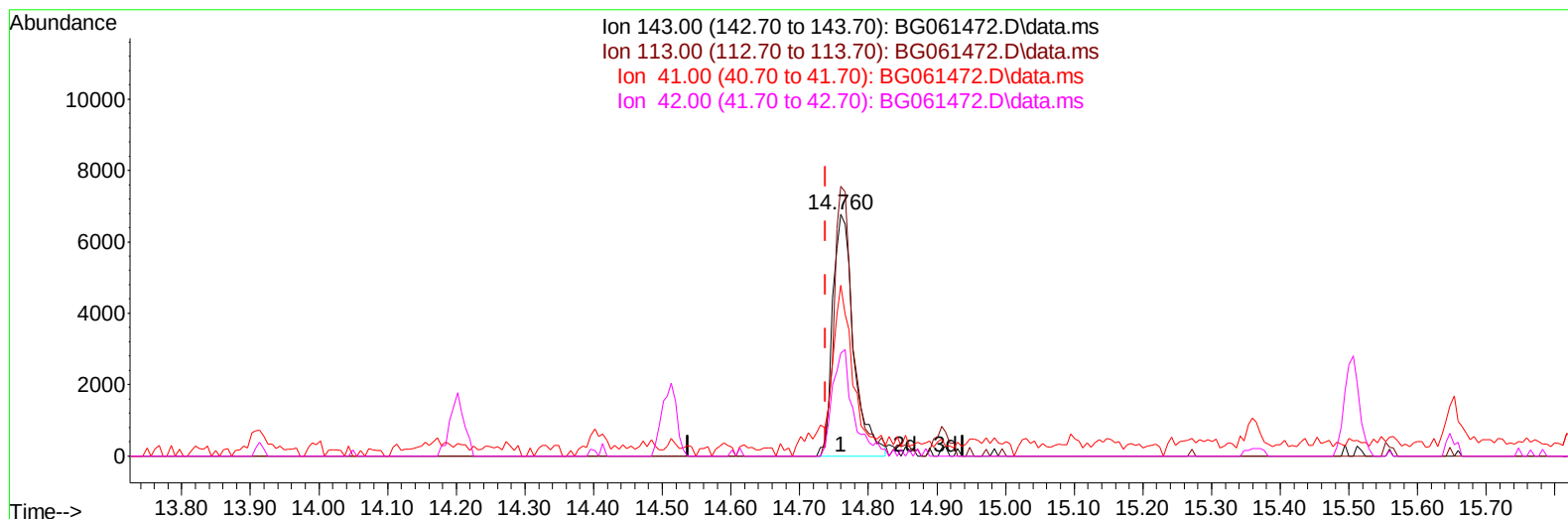
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061472.D
 Acq On : 5 Jun 2024 2:31
 Operator : MA/JU
 Sample : P2591-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:03:26 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061472.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.760min (+ 0.022) 18.36 ng/ul

response 14241

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	111.57
41.00	77.10	70.52
42.00	49.50	42.42

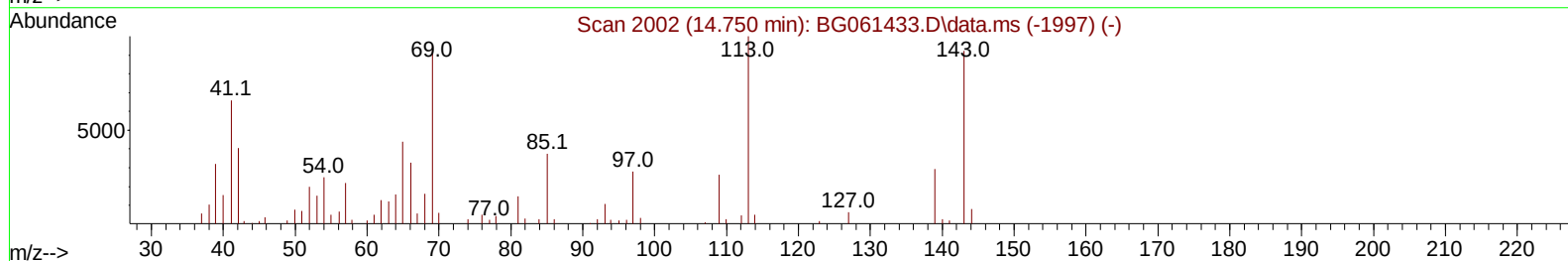
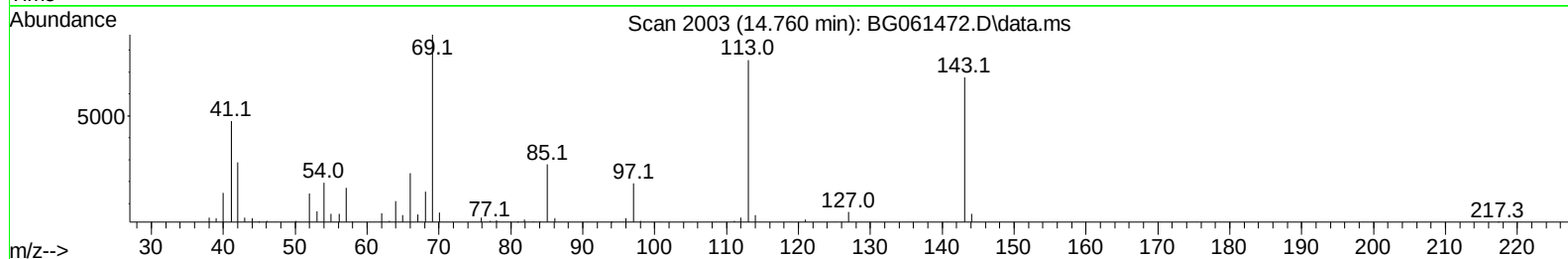
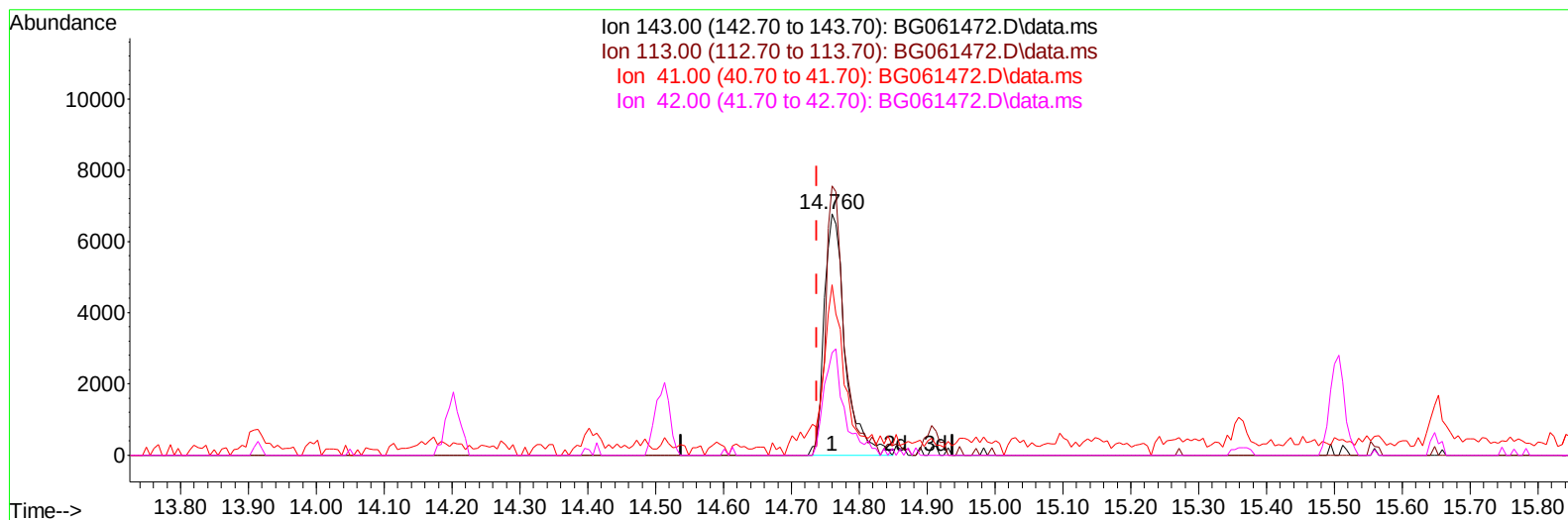
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:03:26 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061472.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.760min (+ 0.022) 18.69 ng/ul m

response 14502

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	111.57
41.00	77.10	70.52
42.00	49.50	42.42

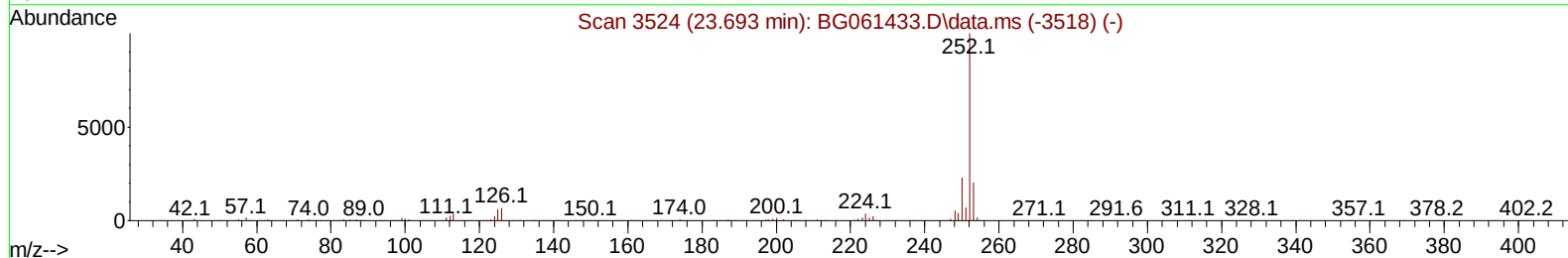
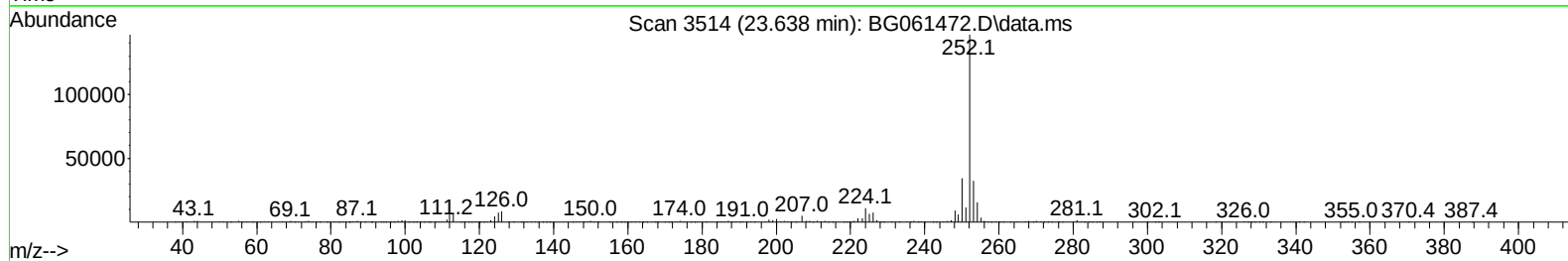
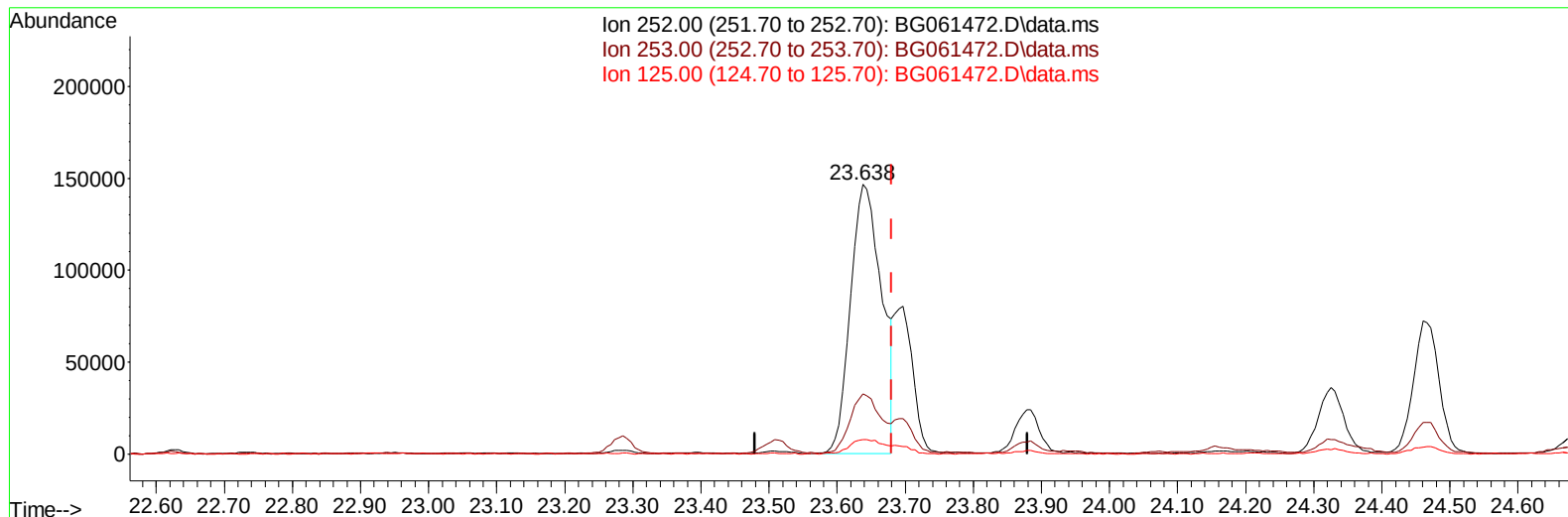
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061472.D
 Acq On : 5 Jun 2024 2:31
 Operator : MA/JU
 Sample : P2591-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:04:21 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061472.D\data.ms

(91) Benzo(k)fluoranthene

23.638min (-0.042) 34.07 ng/u1

response 466268

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.22
125.00	5.40	5.32
0.00	0.00	0.00

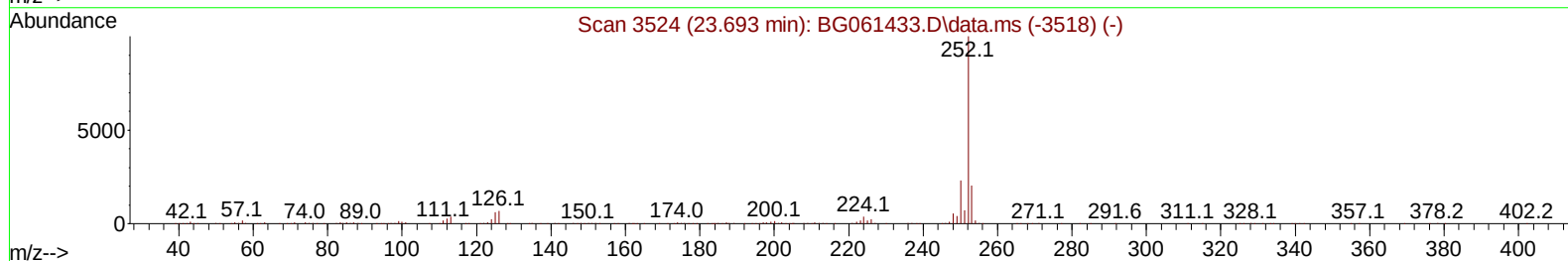
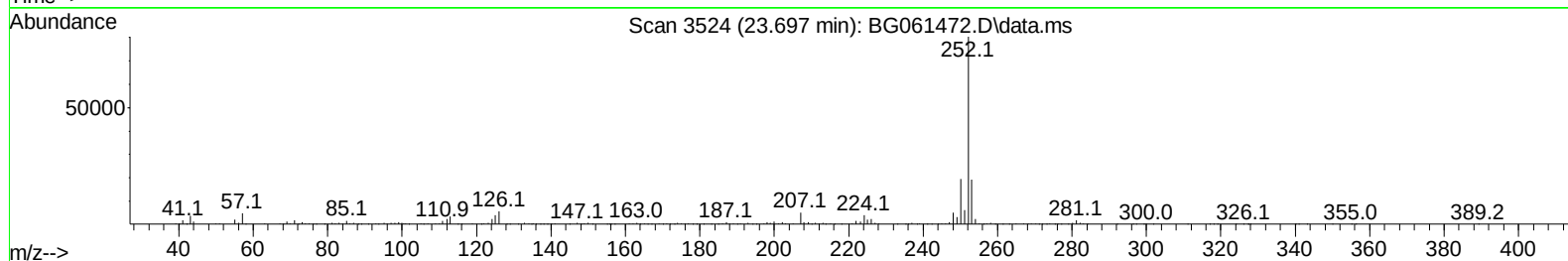
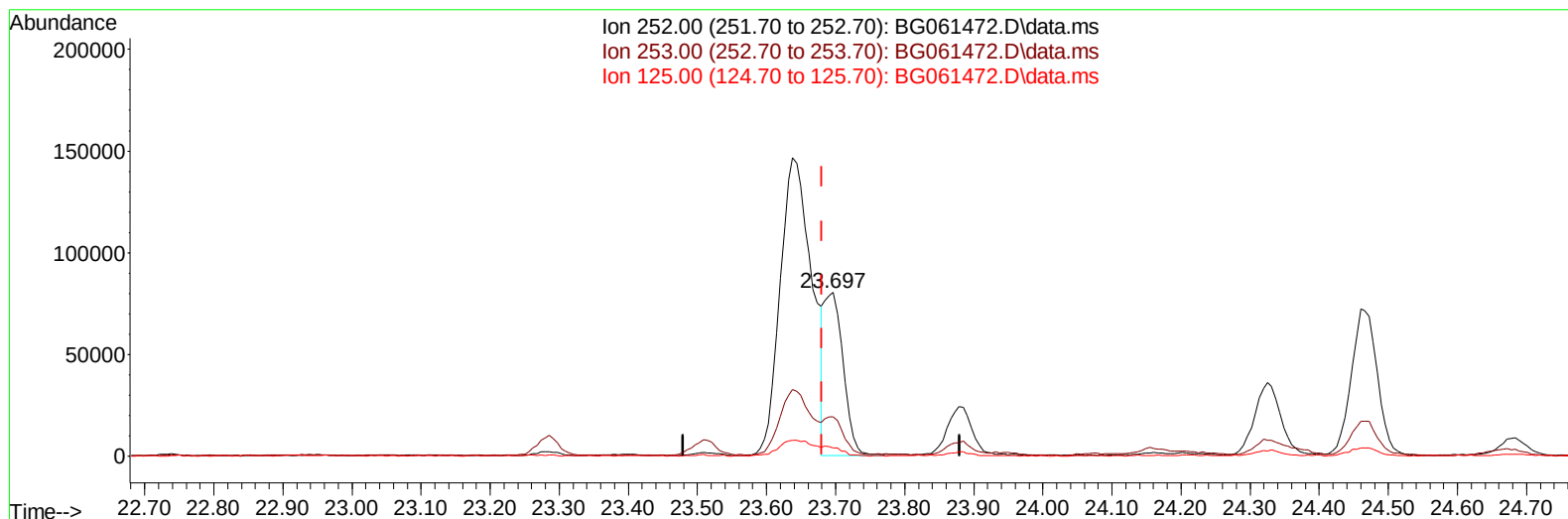
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:04:21 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

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TIC: BG061472.D\data.ms

(91) Benzo(k)fluoranthene

23.697min (+ 0.016) 11.15 ng/ul m

response 152594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.87
125.00	5.40	5.03
0.00	0.00	0.00

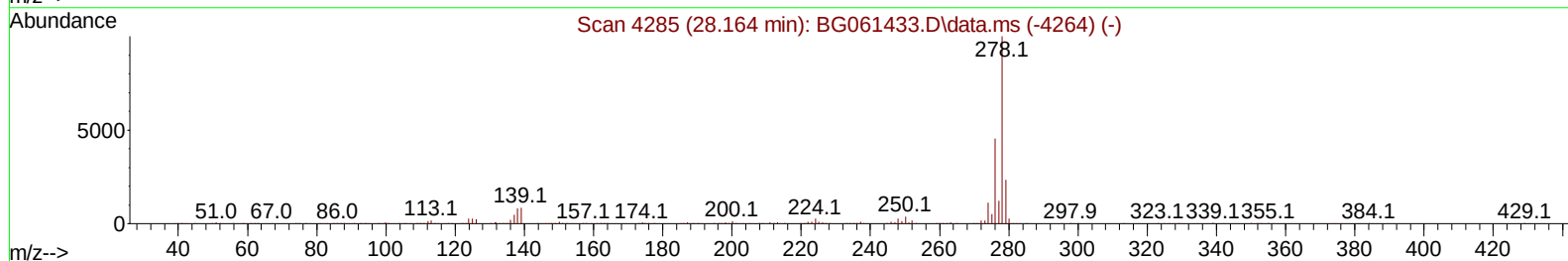
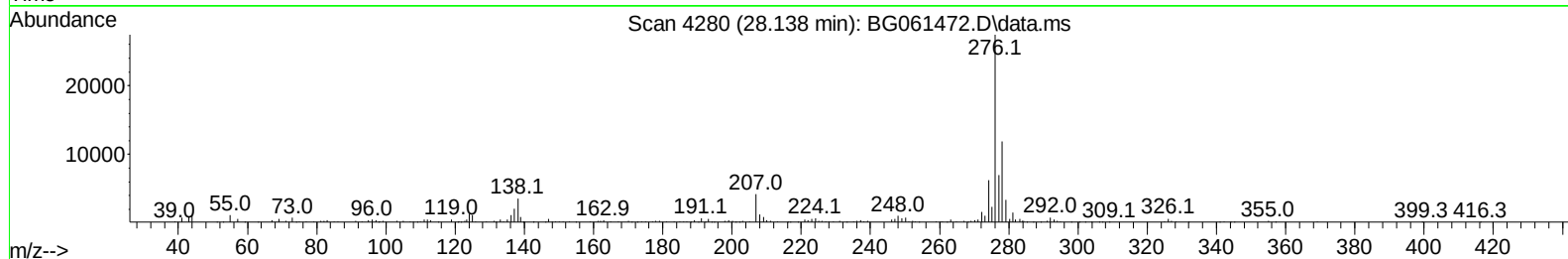
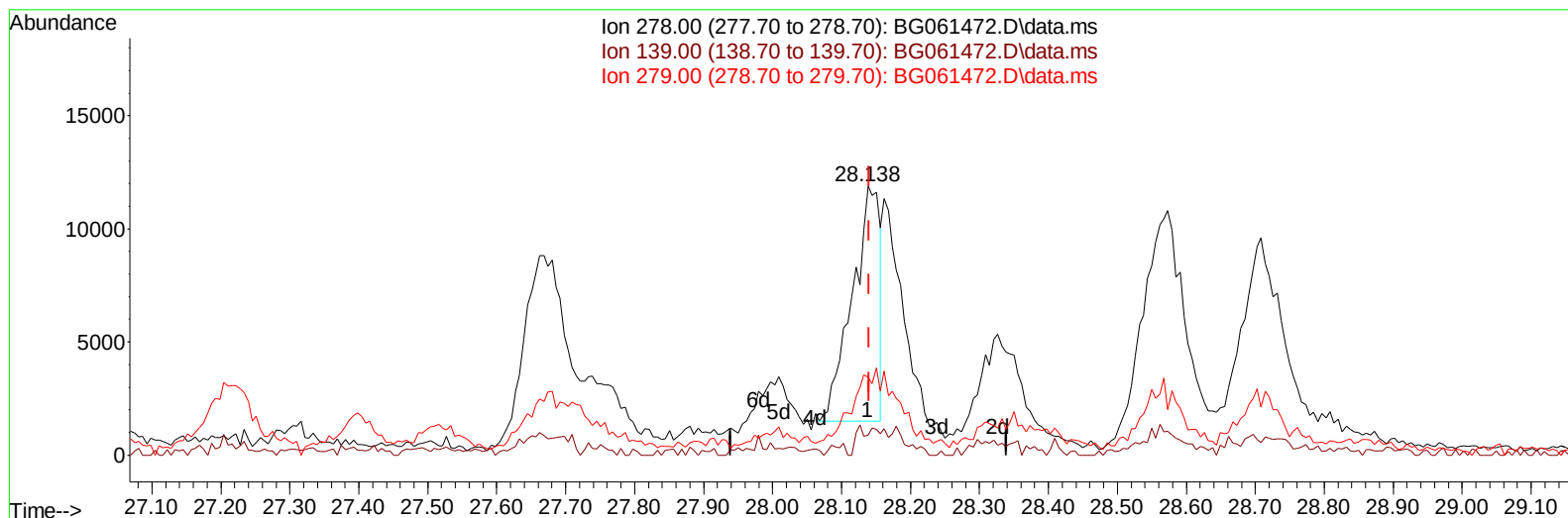
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061472.D
 Acq On : 5 Jun 2024 2:31
 Operator : MA/JU
 Sample : P2591-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:04:59 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061472.D\data.ms

(95) Dibenzo(a,h)anthracene

28.138min (-0.001) 2.25 ng/u1

response 28702

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.01
279.00	24.90	28.87
0.00	0.00	0.00

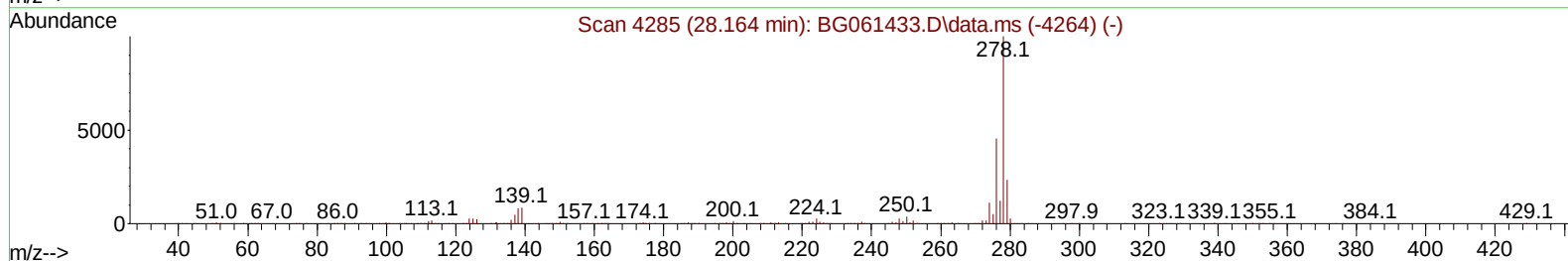
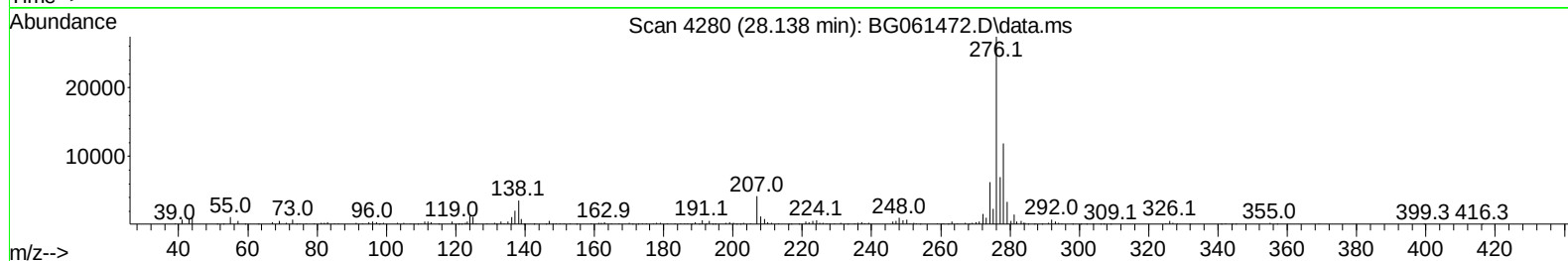
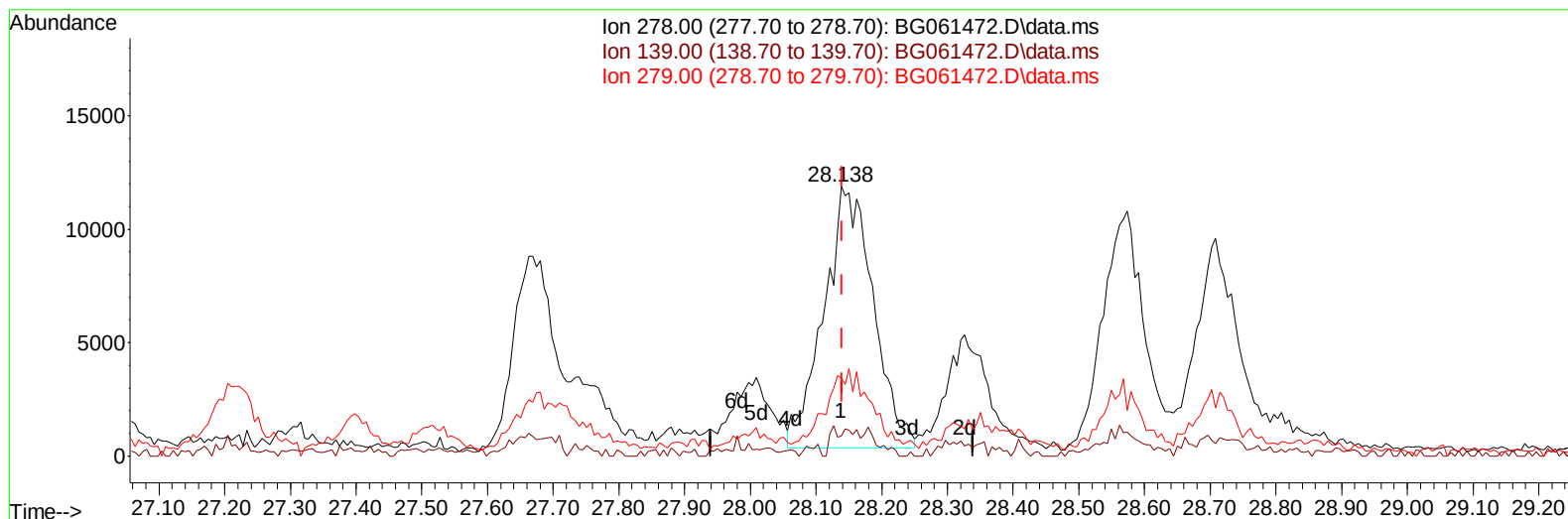
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:04:59 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061472.D\data.ms

(95) Dibenzo(a,h)anthracene

28.138min (-0.001) 4.72 ng/ul m

response 60242

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.48
279.00	24.90	28.87
0.00	0.00	0.00

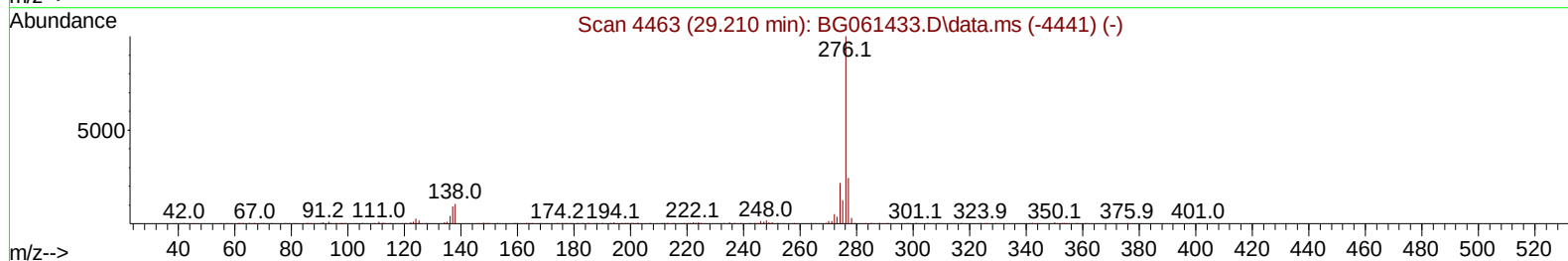
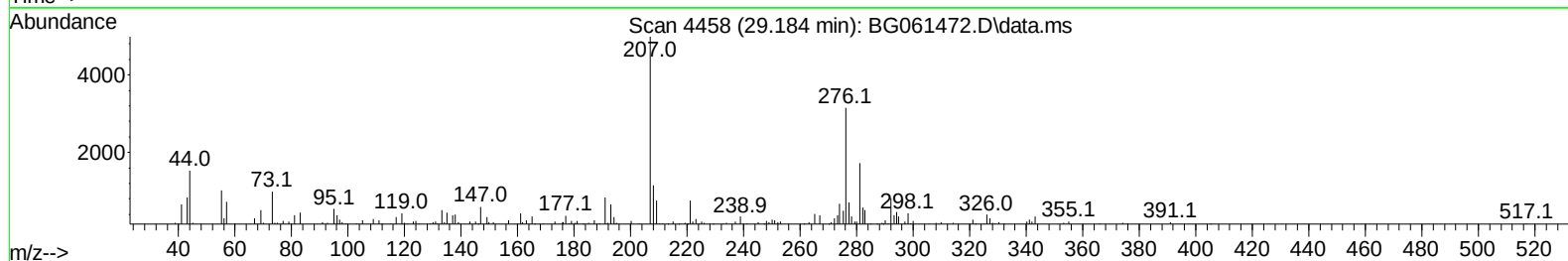
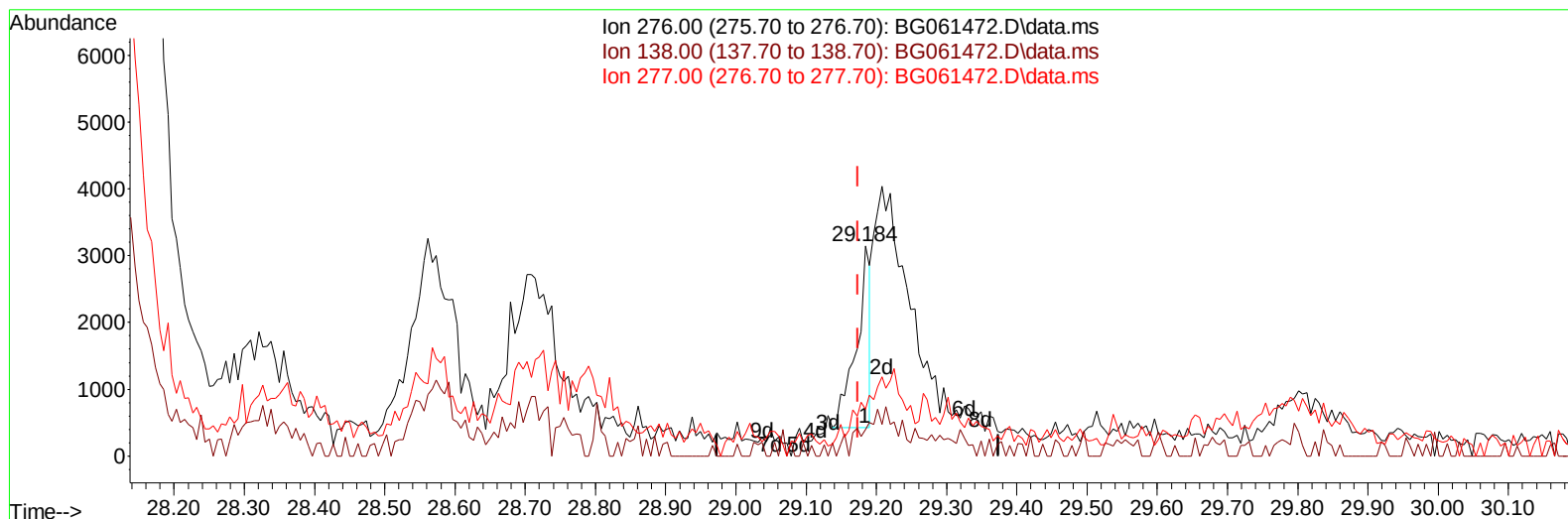
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:05:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061472.D\data.ms

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

29.184min (+ 0.011) 0.30 ng/u1

response 3752

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.59
277.00	22.70	22.38
0.00	0.00	0.00

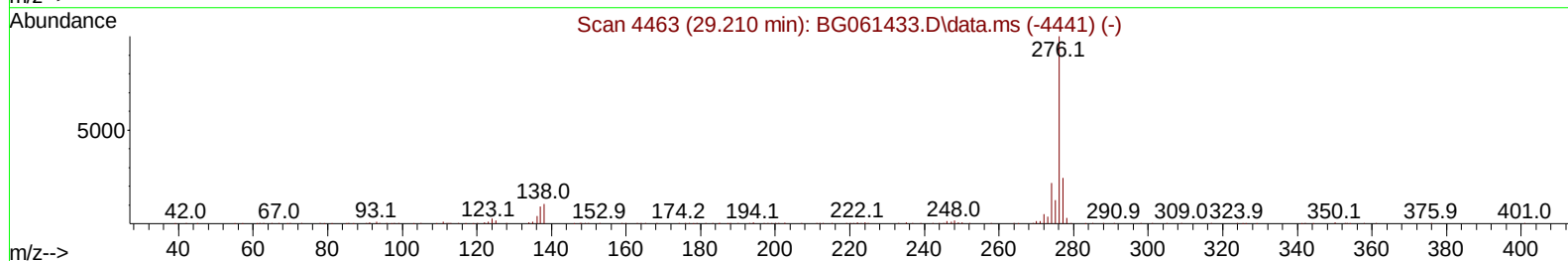
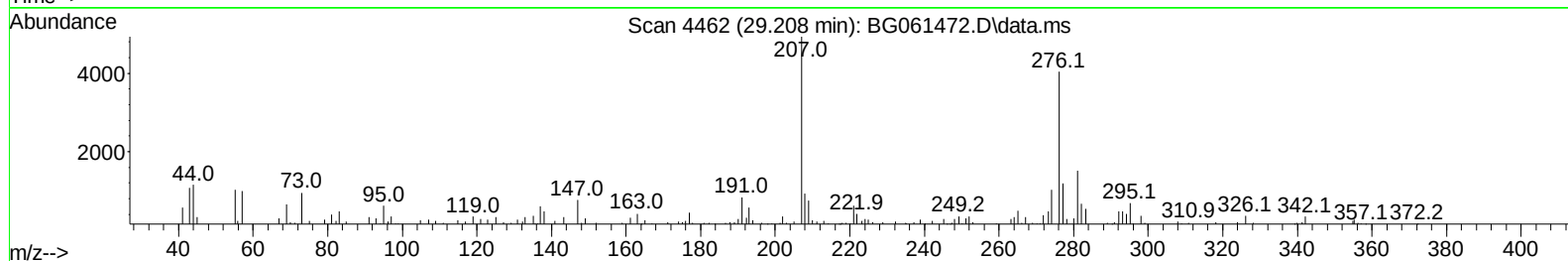
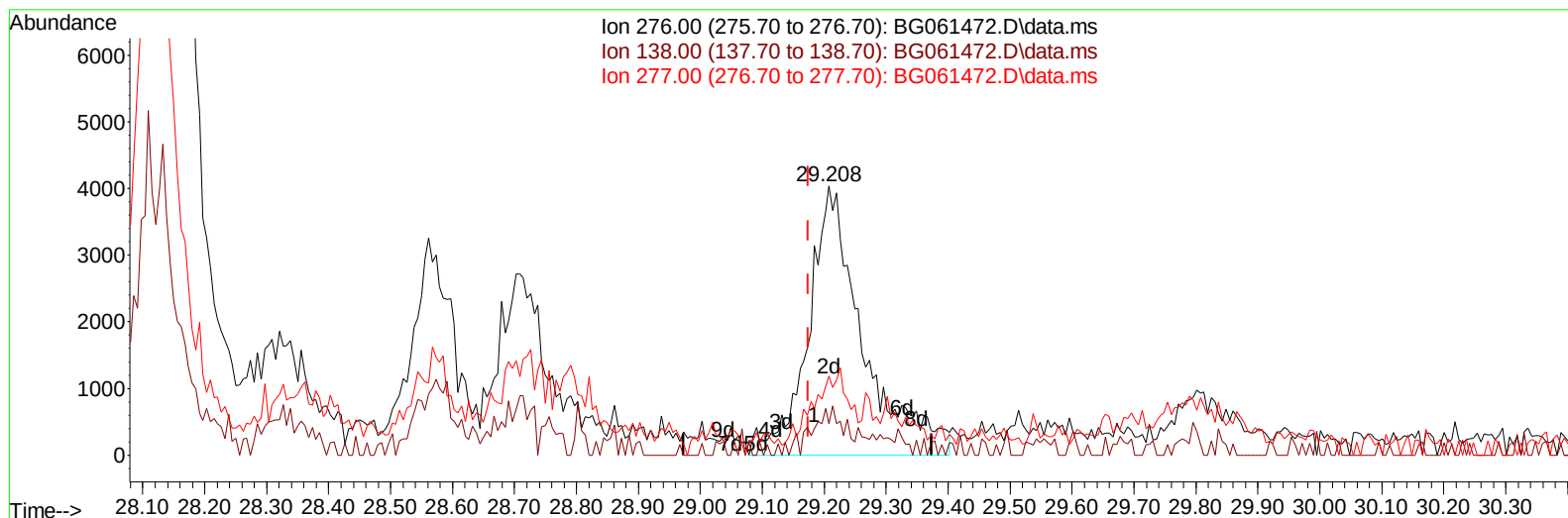
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061472.D
 Acq On : 5 Jun 2024 2:31
 Operator : MA/JU
 Sample : P2591-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:05:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061472.D\data.ms

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

29.208min (+ 0.034) 2.01 ng/ul m

response 24758

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.59
277.00	22.70	29.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061472.D
 Acq On : 5 Jun 2024 2:31
 Operator : MA/JU
 Sample : P2591-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T2

Manual IntegrationsAPPROVED

Quant Time: Jun 05 03:05:48 2024
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 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	7.874	152		26557	20.000	ng/ul	0.00
20) Naphthalene-d8	10.671	136		111234	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164		80900	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188		188699	20.000	ng/ul	0.00
79) Chrysene-d12	21.517	240		197401	20.000	ng/ul	0.00
88) Perylene-d12	24.613	264		226392	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.332	96		1834	3.865	ng/uL	0.00
4) Pyridine-d5	3.738	84		11770	6.972	ng/ul	0.00
7) Phenol-d5	7.063	99		44867	20.573	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.198	67		27597	20.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132		37404	23.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.597	113		33778	18.164	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128		18229	21.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.748	143		21892	21.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165		43499	22.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.806	131		36486	14.272	ng/ul	0.00
46) Dimethylphthalate-d6	13.914	166		141791	22.598	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160		153840	23.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143		14502m	18.695	ng/ul	0.02
60) Fluorene-d10	15.506	176		123991	22.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.653	200		16415	14.383	ng/ul	0.02
73) Anthracene-d10	17.363	188		199451	23.975	ng/ul	0.00
81) Pyrene-d10	19.654	212		216313	21.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.402	264		190140	17.470	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.718	128		13448	2.291	ng/ul#	92
36) 2-Methylnaphthalene	12.328	142		9744	2.289	ng/ul	97
37) 1-Methylnaphthalene	12.545	142		4575	1.047	ng/ul#	68
52) Acenaphthene	14.572	153		12316	2.596	ng/ul	98
56) Dibenzofuran	14.913	168		17775	2.620	ng/ul	99
61) Fluorene	15.559	166		16699	2.845	ng/ul	97
72) Phenanthrene	17.304	178		402988	44.001	ng/ul	99
74) Anthracene	17.398	178		84920	8.968	ng/ul	98
77) Carbazole	17.668	167		49650	6.446	ng/ul	99
80) Fluoranthene	19.325	202		715292	58.828	ng/ul	100
82) Pyrene	19.689	202		496271	39.321	ng/ul	98
85) Benzo(a)anthracene	21.499	228		383237	28.136	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.405	149		8186	1.276	ng/ul#	97
87) Chrysene	21.564	228		339282	27.052	ng/ul	96
90) Benzo(b)fluoranthene	23.638	252		466268	34.592	ng/ul	100
91) Benzo(k)fluoranthene	23.697	252		152594m	11.151	ng/ul	
93) Benzo(a)pyrene	24.460	252		188975	14.764	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.121	276		155350	10.037	ng/ul	98
95) Dibenzo(a,h)anthracene	28.138	278		60242m	4.720	ng/ul	
96) Benzo(g,h,i)perylene	29.208	276		24758m	2.011	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BH5T2

Manual IntegrationsAPPROVED

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