

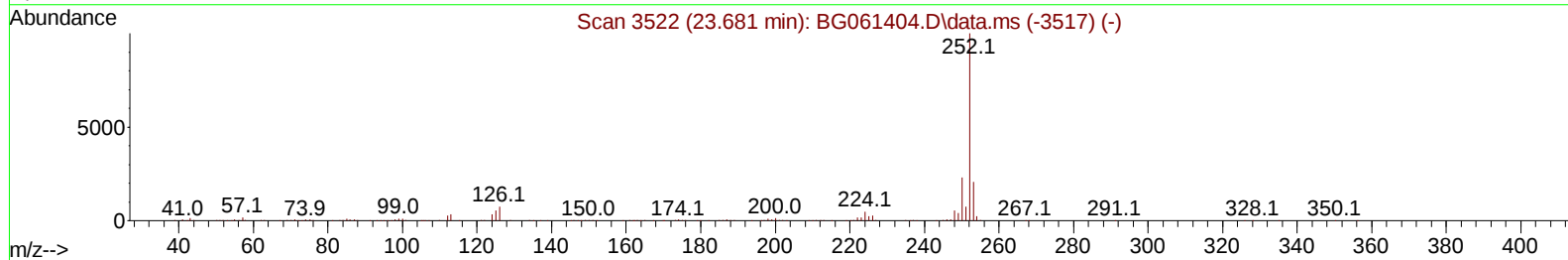
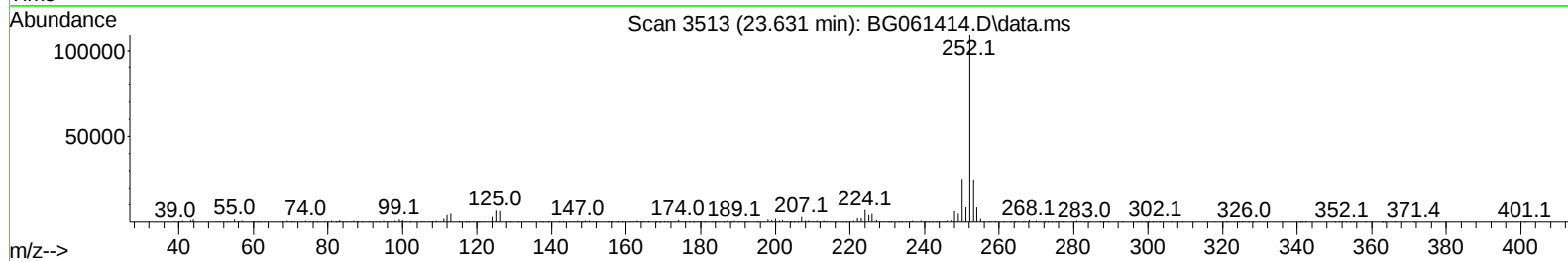
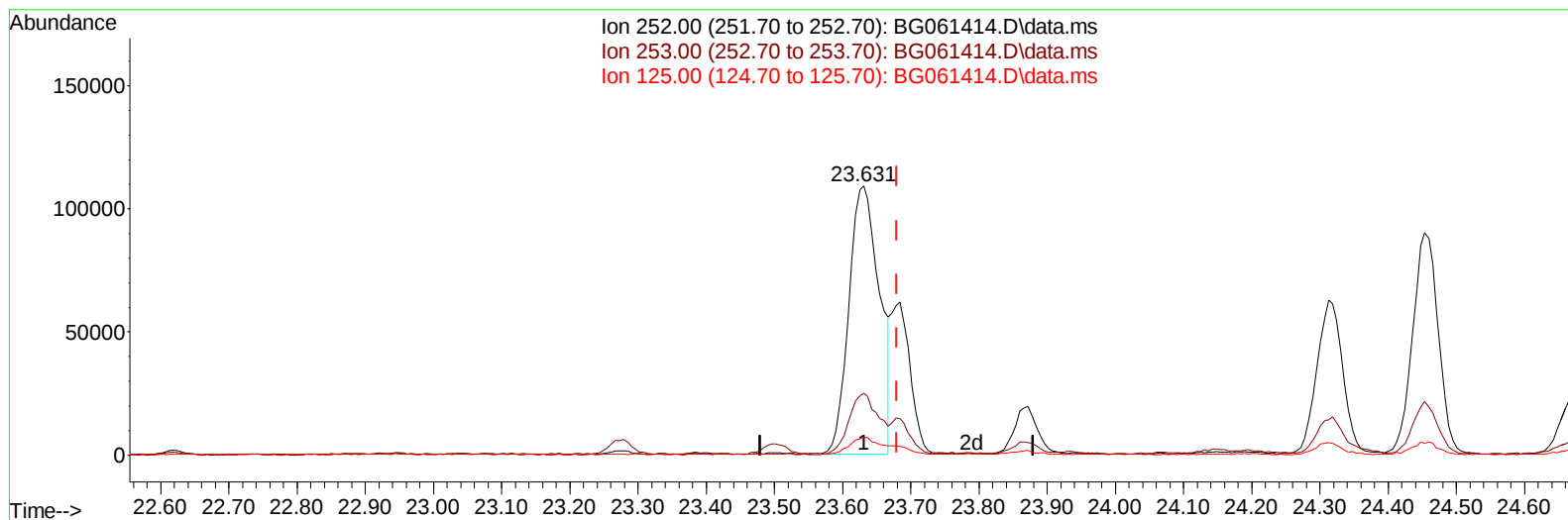
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:24:11 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

(91) Benzo(k)fluoranthene

23.631min (-0.049) 20.96 ng/u1

response 339457

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.97
125.00	5.40	6.41
0.00	0.00	0.00

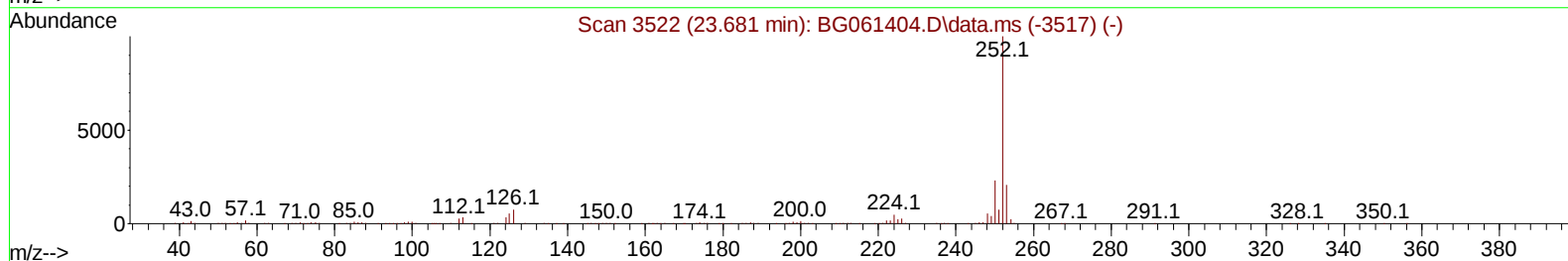
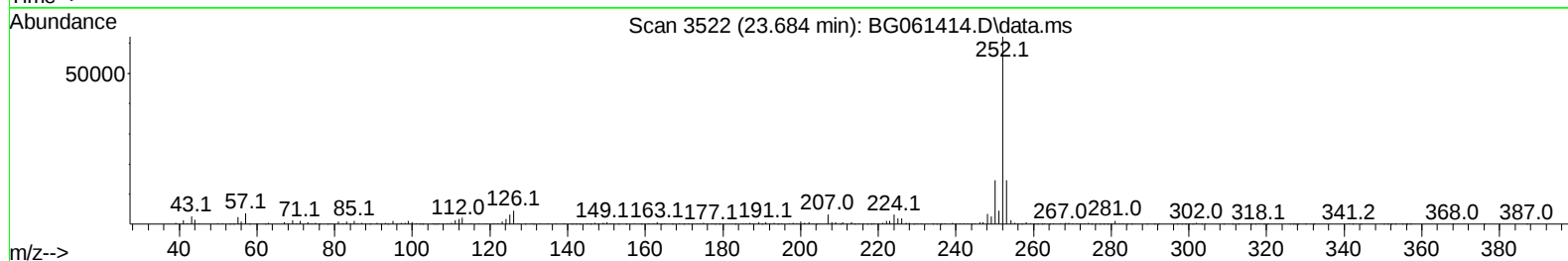
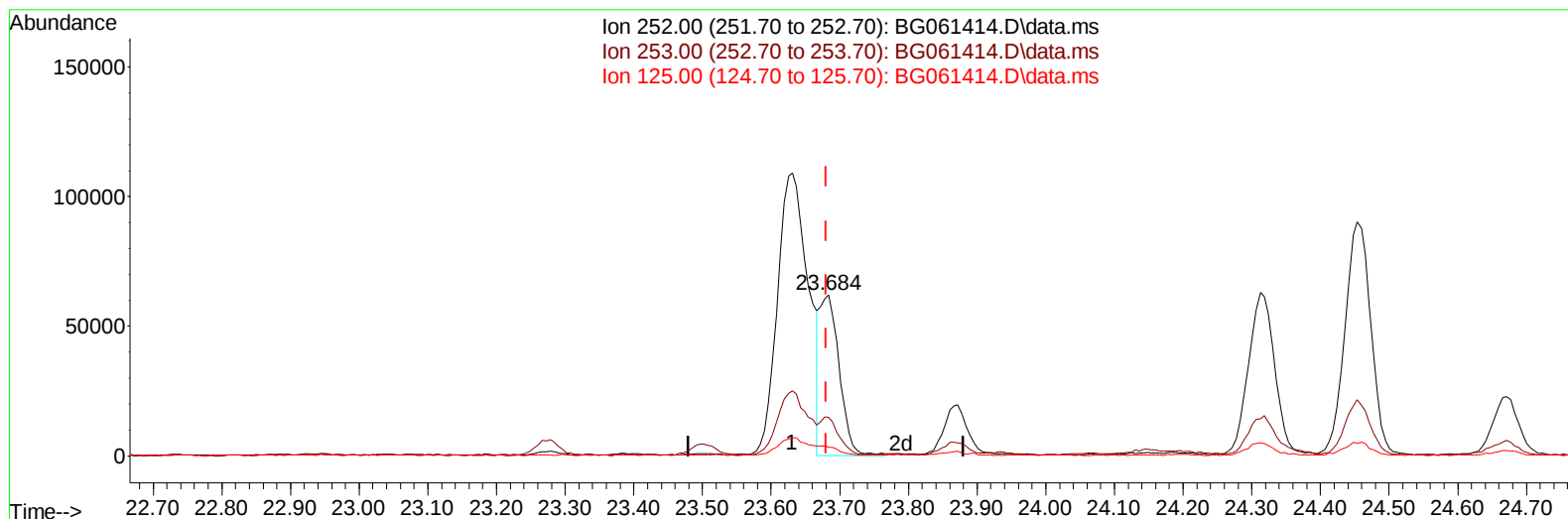
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061414.D
 Acq On : 1 Jun 2024 5:51
 Operator : MA/JU
 Sample : P2549-02
 Misc :
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Instrument :
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Quant Time: Jun 01 06:24:11 2024
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 QLast Update : Thu May 30 22:54:48 2024
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 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

(91) Benzo(k)fluoranthene

23.684min (+ 0.004) 7.42 ng/ul m

response 120154

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.74
125.00	5.40	5.48
0.00	0.00	0.00

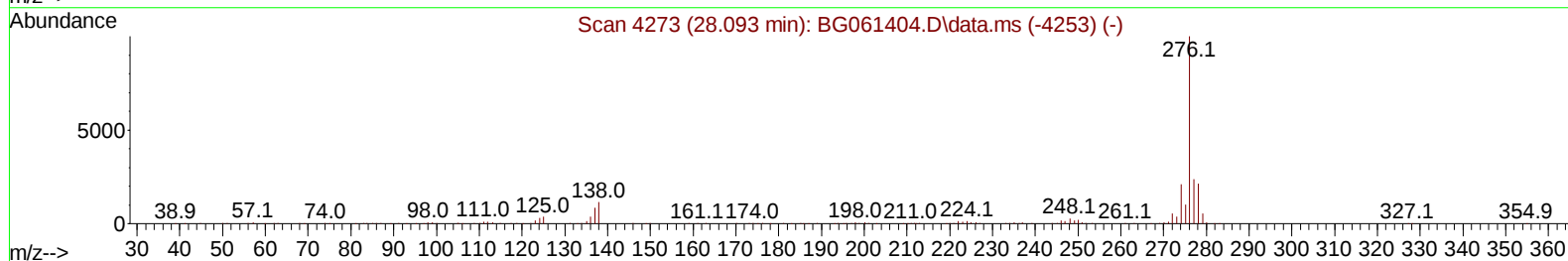
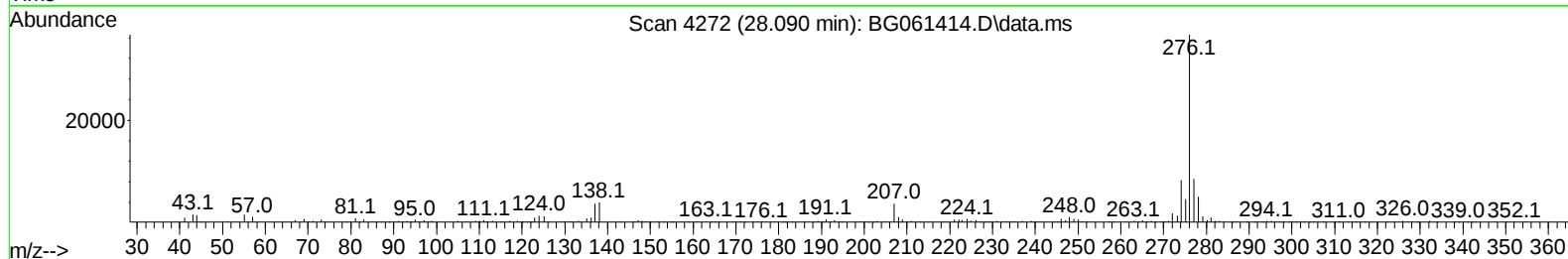
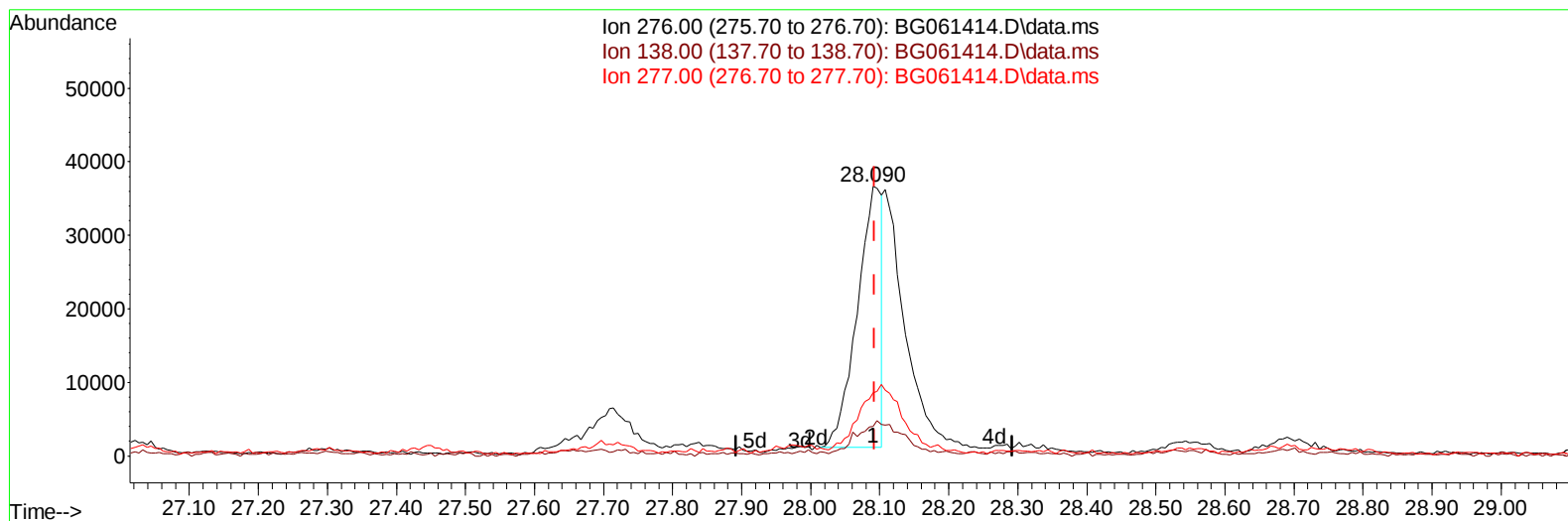
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061414.D
 Acq On : 1 Jun 2024 5:51
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:25:35 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
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

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

28.090min (-0.002) 4.79 ng/u1

response 87808

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.94
277.00	24.60	23.44
0.00	0.00	0.00

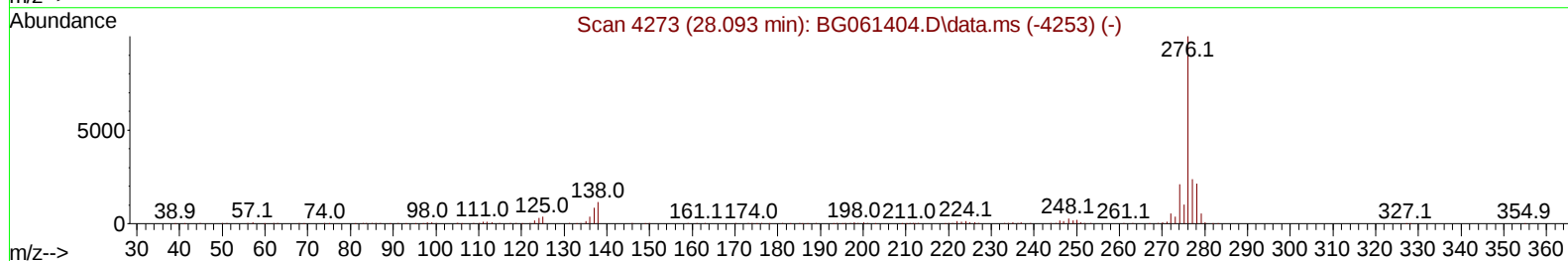
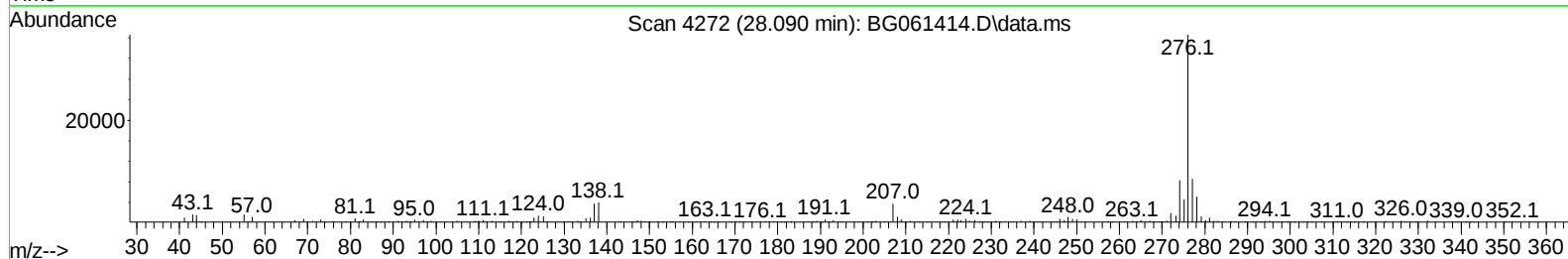
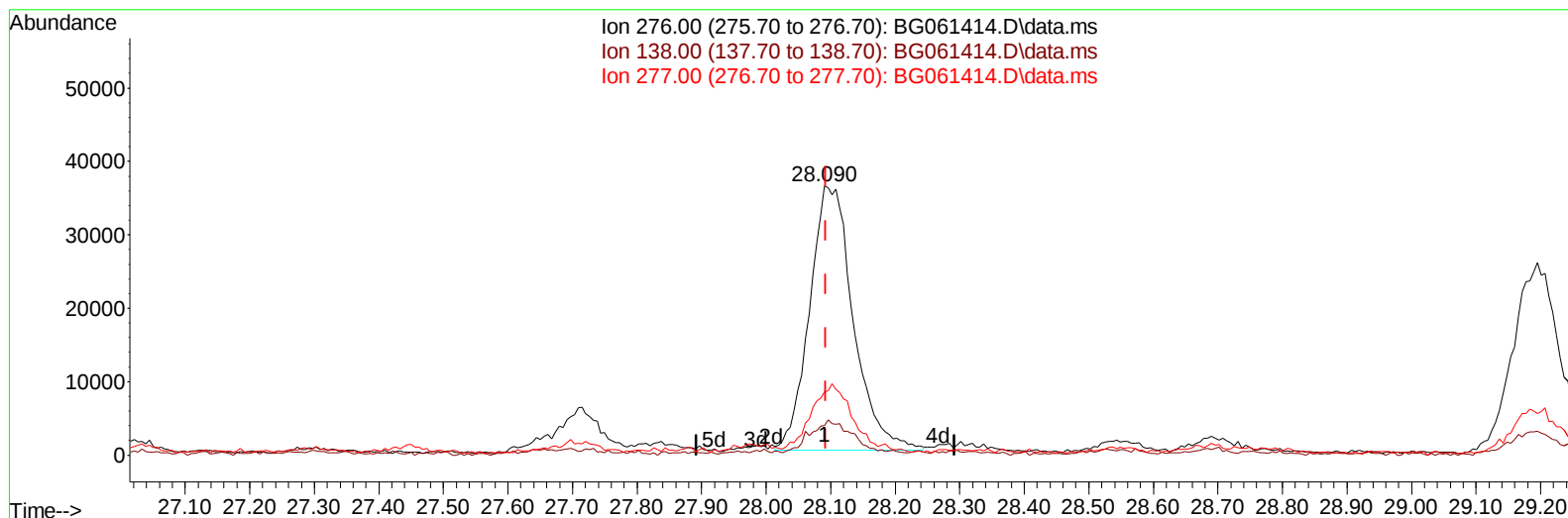
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:25:35 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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TIC: BG061414.D\data.ms

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

28.090min (-0.002) 9.21 ng/ul m

response 168710

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.94
277.00	24.60	23.44
0.00	0.00	0.00

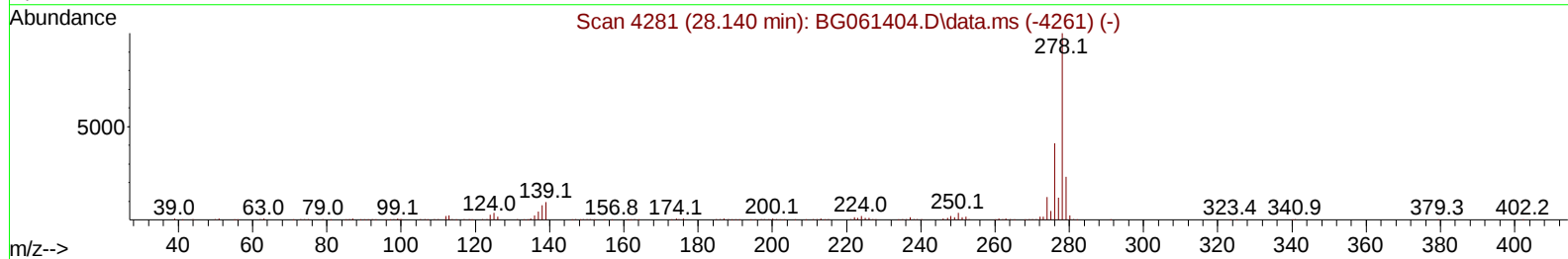
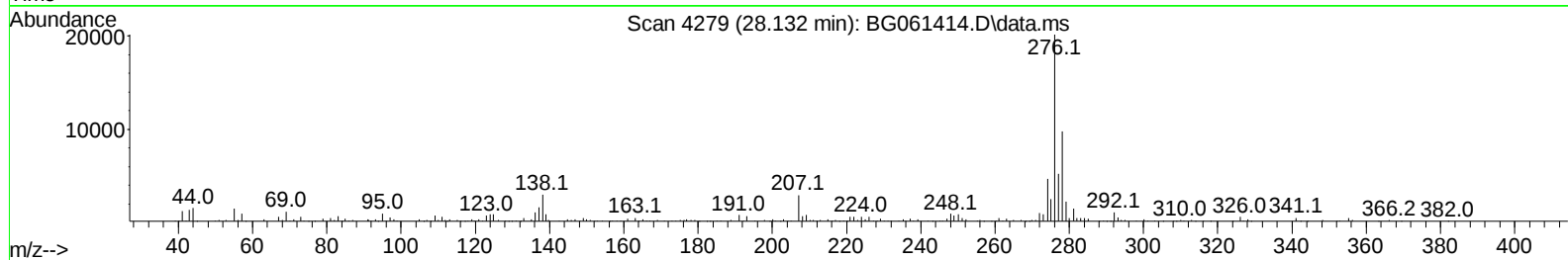
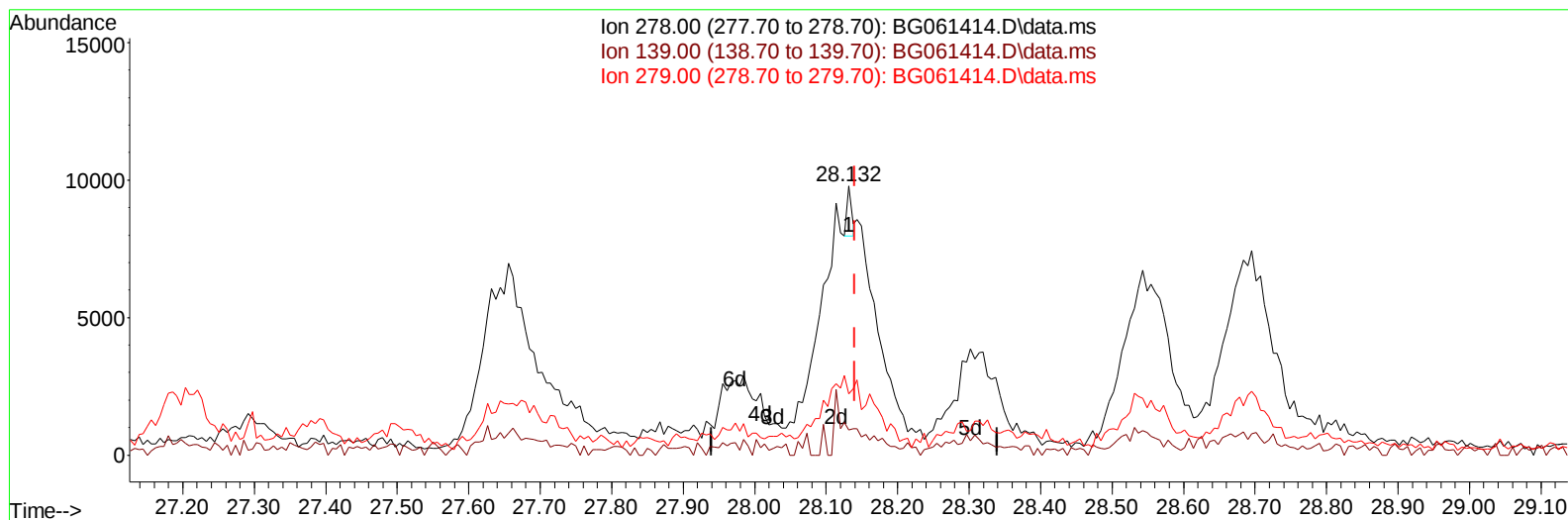
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061414.D
 Acq On : 1 Jun 2024 5:51
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:26:15 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 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

(95) Dibenzo(a,h)anthracene

28.132min (-0.008) 0.05 ng/u1

response 802

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	12.36#
279.00	24.90	22.82
0.00	0.00	0.00

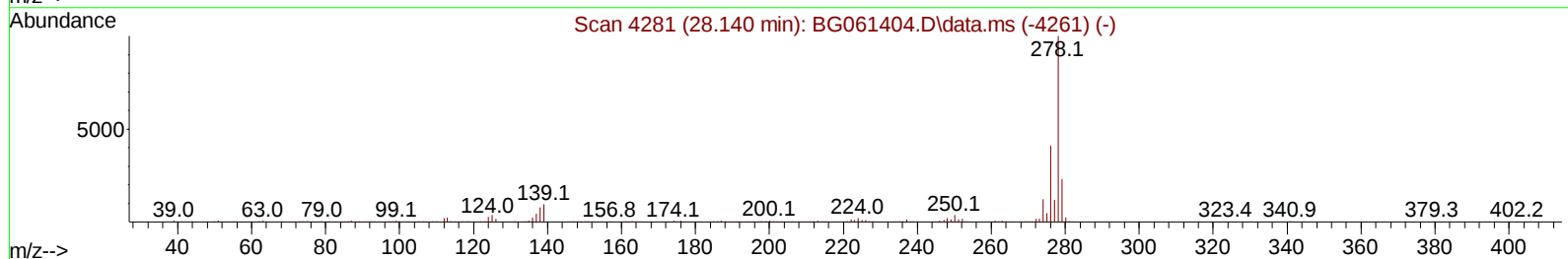
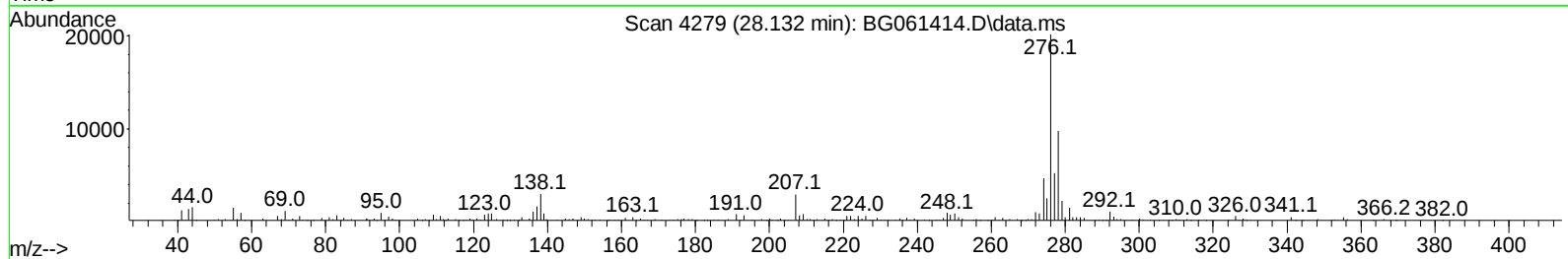
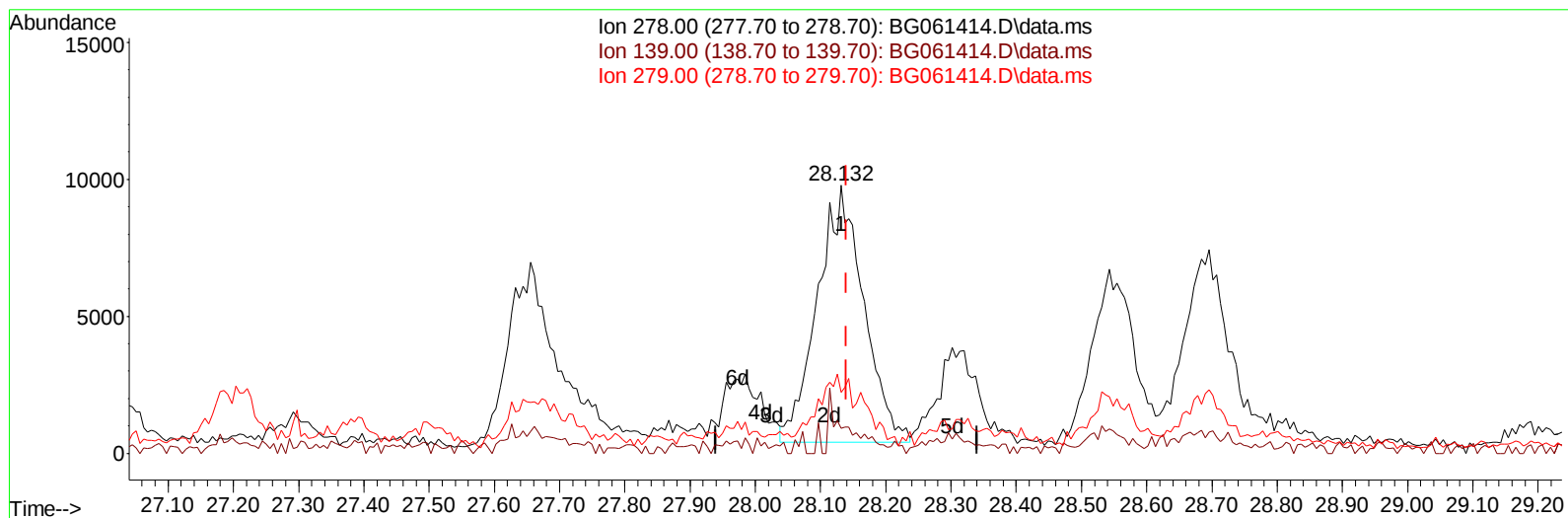
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:26:15 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

(95) Dibenzo(a,h)anthracene

28.132min (-0.008) 3.04 ng/ul m

response 45976

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.23
279.00	24.90	22.82
0.00	0.00	0.00

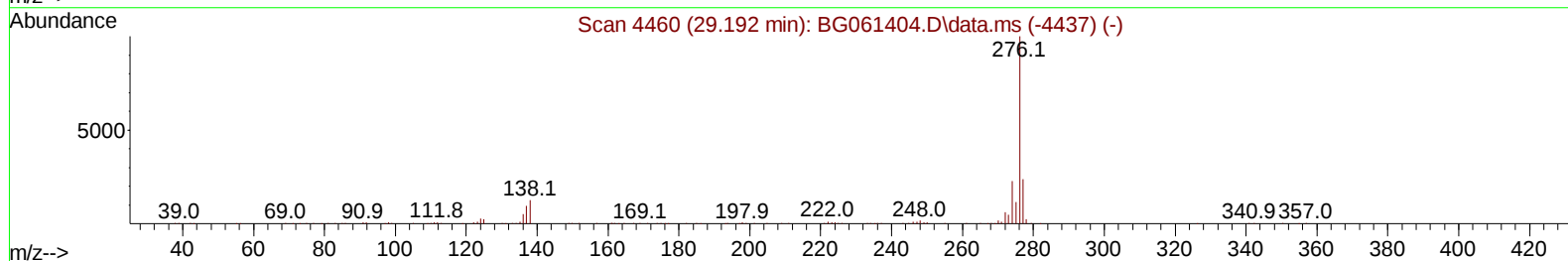
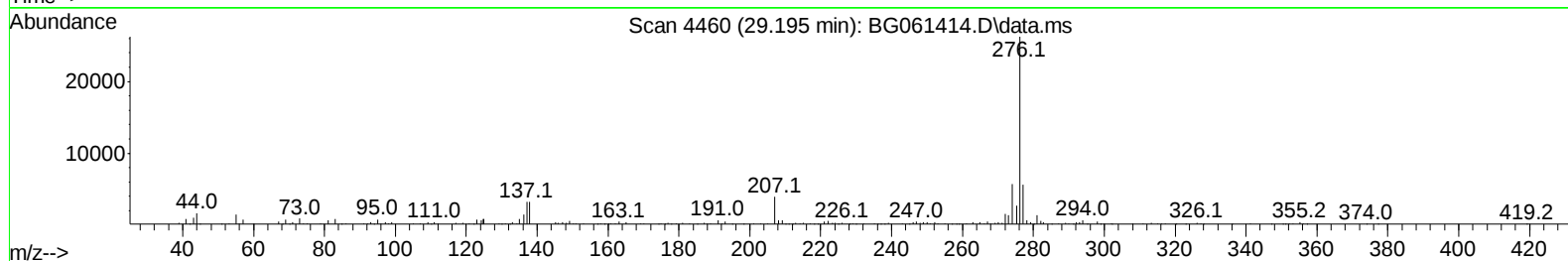
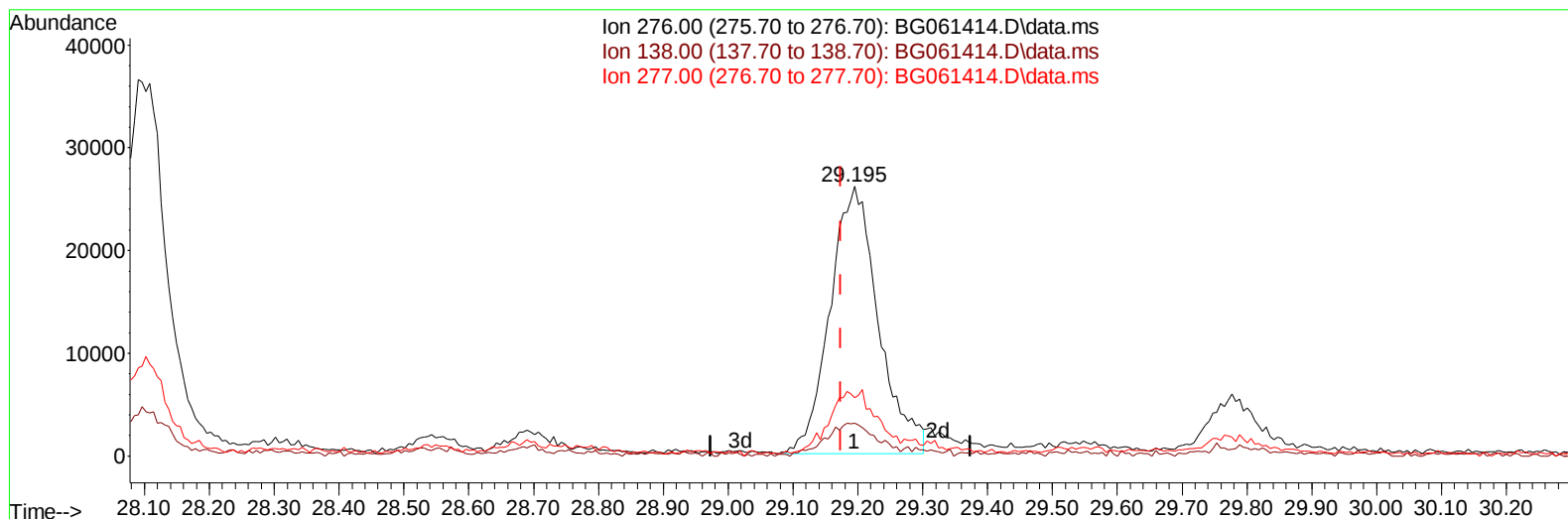
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:27:00 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

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

29.195min (+ 0.021) 9.27 ng/u1

response 135076

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.24
277.00	22.70	21.51
0.00	0.00	0.00

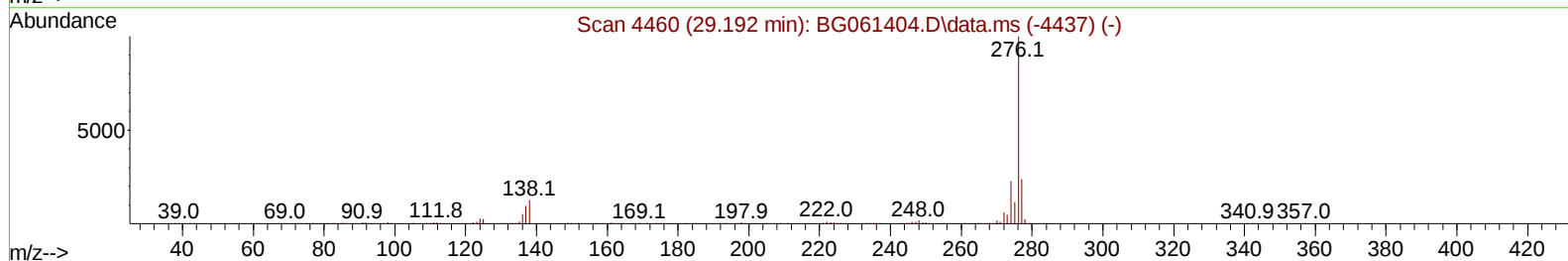
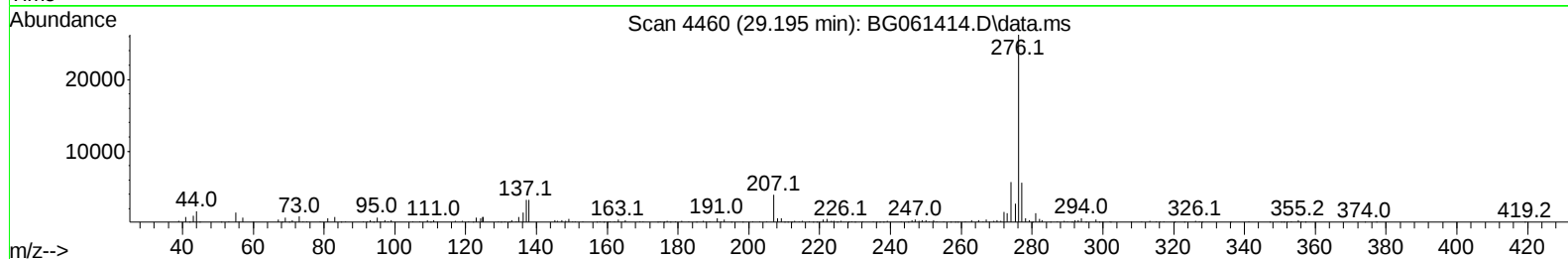
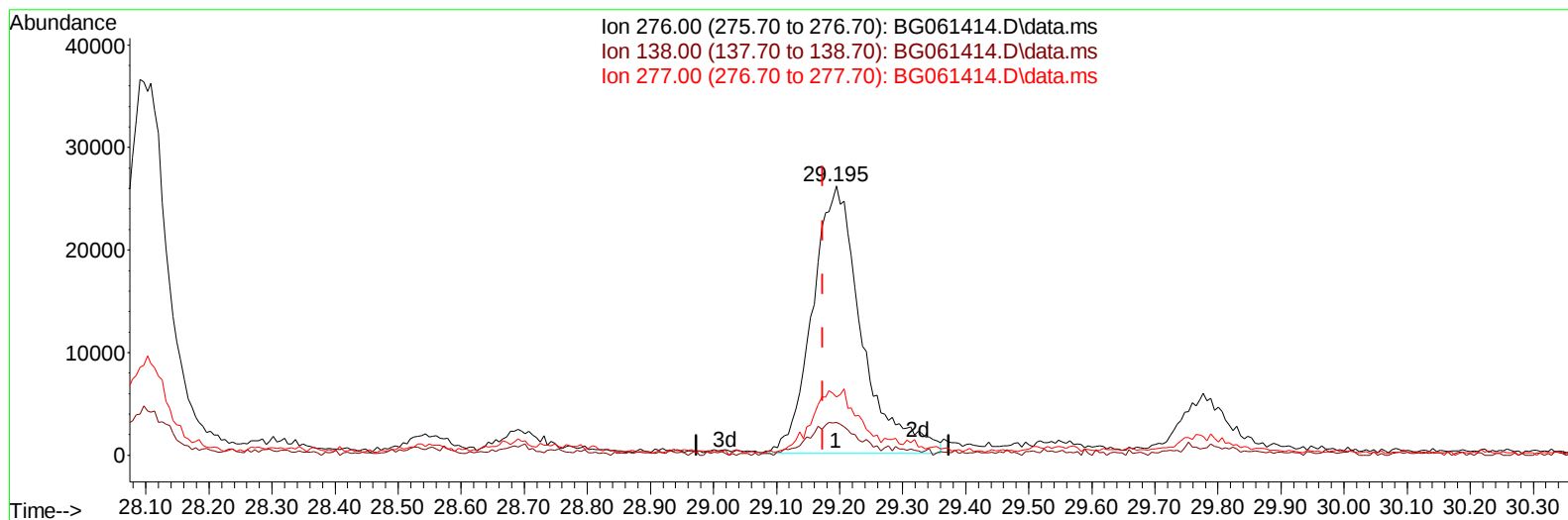
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061414.D
 Acq On : 1 Jun 2024 5:51
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH619

Manual IntegrationsAPPROVED

Quant Time: Jun 01 06:27:00 2024
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 QLast Update : Thu May 30 22:54:48 2024
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 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061414.D\data.ms

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

29.195min (+ 0.021) 9.74 ng/ul m

response 142020

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.24
277.00	22.70	21.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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 Sample : P2549-02
 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	33376	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	131534	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.506	164	97709	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	228212	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	229179	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	267962	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2157	3.617	ng/uL	0.00
4) Pyridine-d5	3.743	84	15675	7.388	ng/ul	0.00
7) Phenol-d5	7.056	99	44838	16.359	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	29768	17.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	36886	18.184	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	29574	12.654	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	18689	18.454	ng/ul	0.00
24) 2-Nitrophenol-d4	9.747	143	21782	18.378	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	44244	19.148	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	18211	6.024	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	141701	18.699	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	155809	19.777	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	11821	12.617	ng/ul	0.00
60) Fluorene-d10	15.505	176	129064	19.727	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	14921	10.810	ng/ul	0.00
73) Anthracene-d10	17.356	188	209579	20.830	ng/ul	0.00
81) Pyrene-d10	19.653	212	249552	21.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264	263076	20.421	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.303	178	132527	11.965	ng/ul	98
74) Anthracene	17.391	178	14679	1.282	ng/ul	97
77) Carbazole	17.667	167	11052	1.186	ng/ul#	92
80) Fluoranthene	19.318	202	409011	28.974	ng/ul	99
82) Pyrene	19.683	202	387081	26.417	ng/ul	99
83) Butylbenzylphthalate	20.570	149	12379	2.459	ng/ul	94
85) Benzo(a)anthracene	21.498	228	223619	14.141	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	63067	8.464	ng/ul#	98
87) Chrysene	21.557	228	244619	16.800	ng/ul	95
90) Benzo(b)fluoranthene	23.631	252	339457	21.277	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	120154m	7.419	ng/ul	
93) Benzo(a)pyrene	24.454	252	234206	15.459	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.090	276	168710m	9.209	ng/ul	
95) Dibenzo(a,h)anthracene	28.132	278	45976m	3.043	ng/ul	
96) Benzo(g,h,i)perylene	29.195	276	142020m	9.744	ng/ul	

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

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