

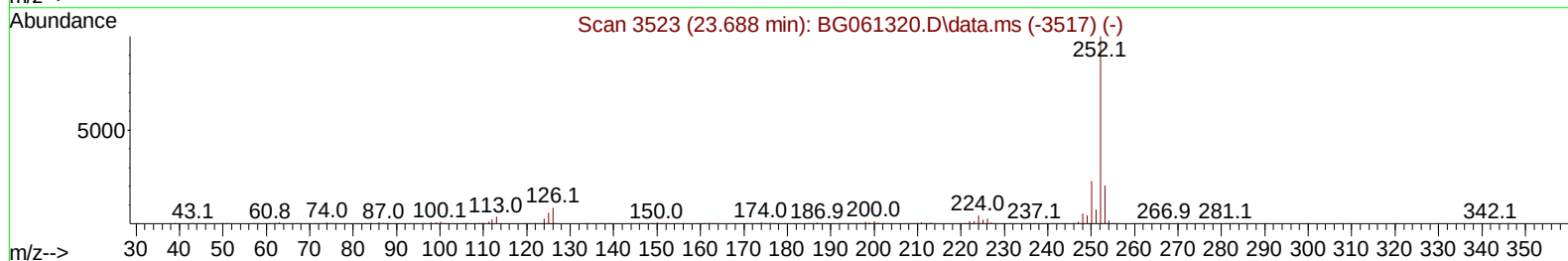
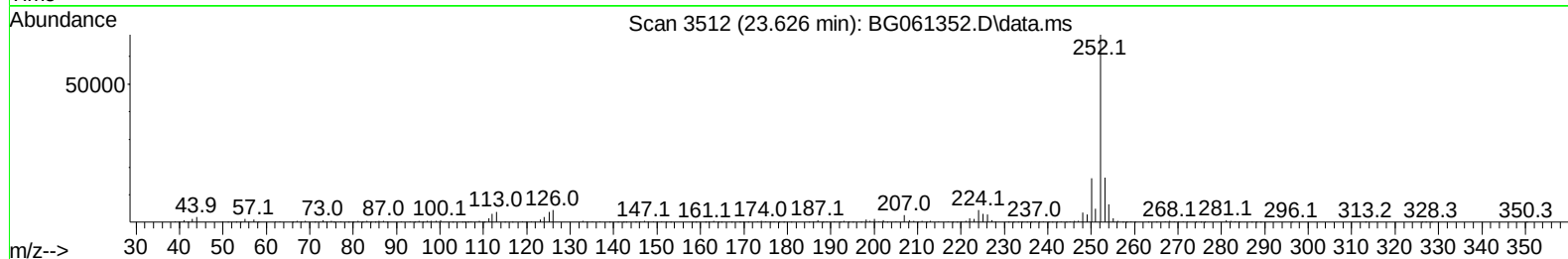
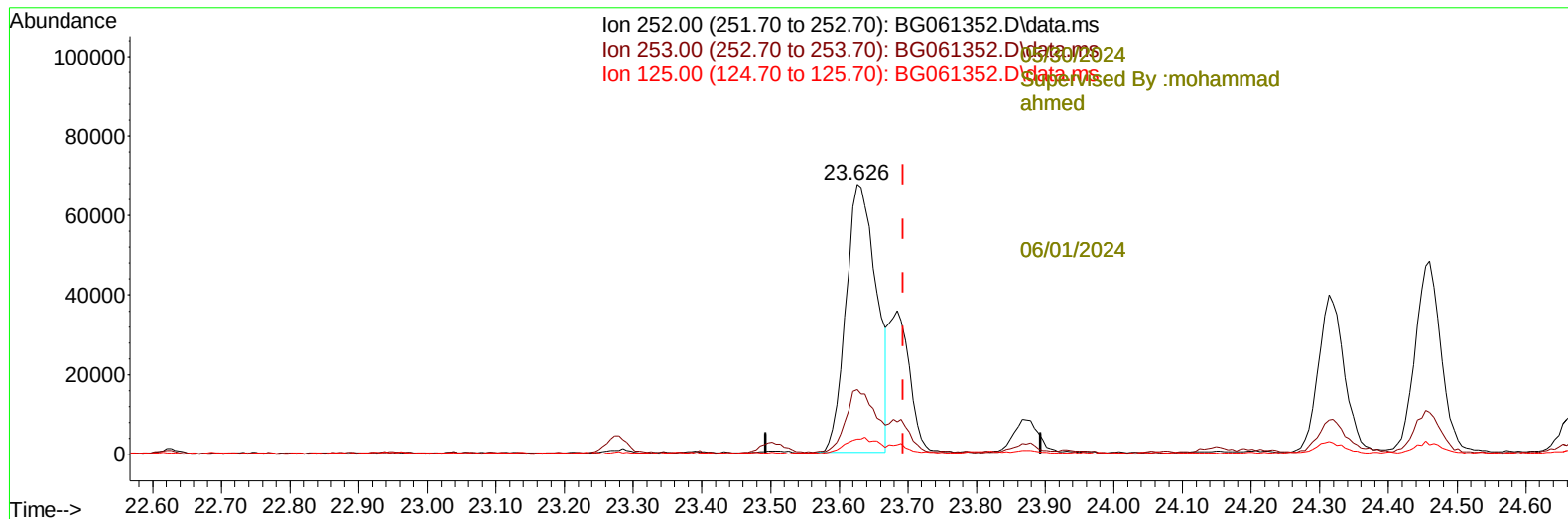
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 08:19:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061352.D\data.ms

(91) Benzo(k)fluoranthene

23.626min (-0.068) 18.95 ng/uI

response 207565

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.91
125.00	5.40	5.50
0.00	0.00	0.00

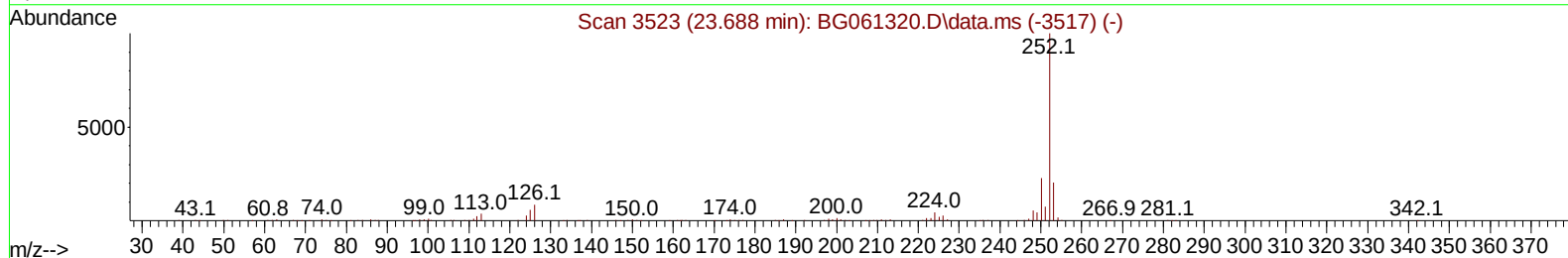
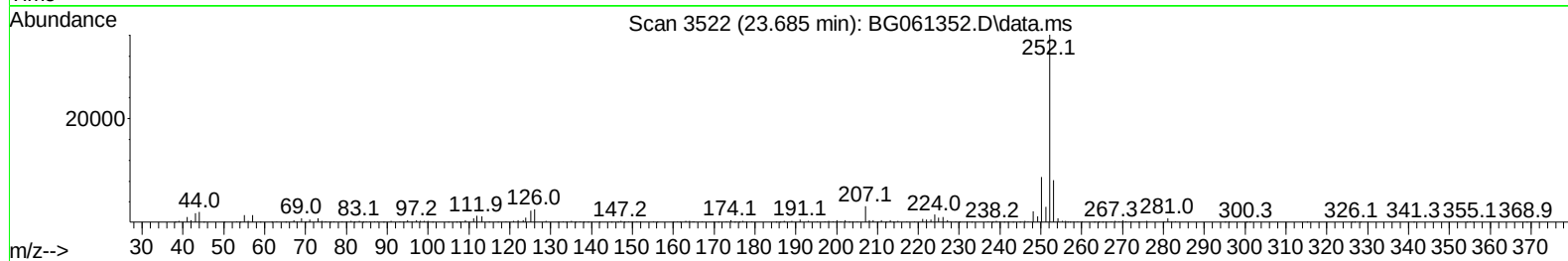
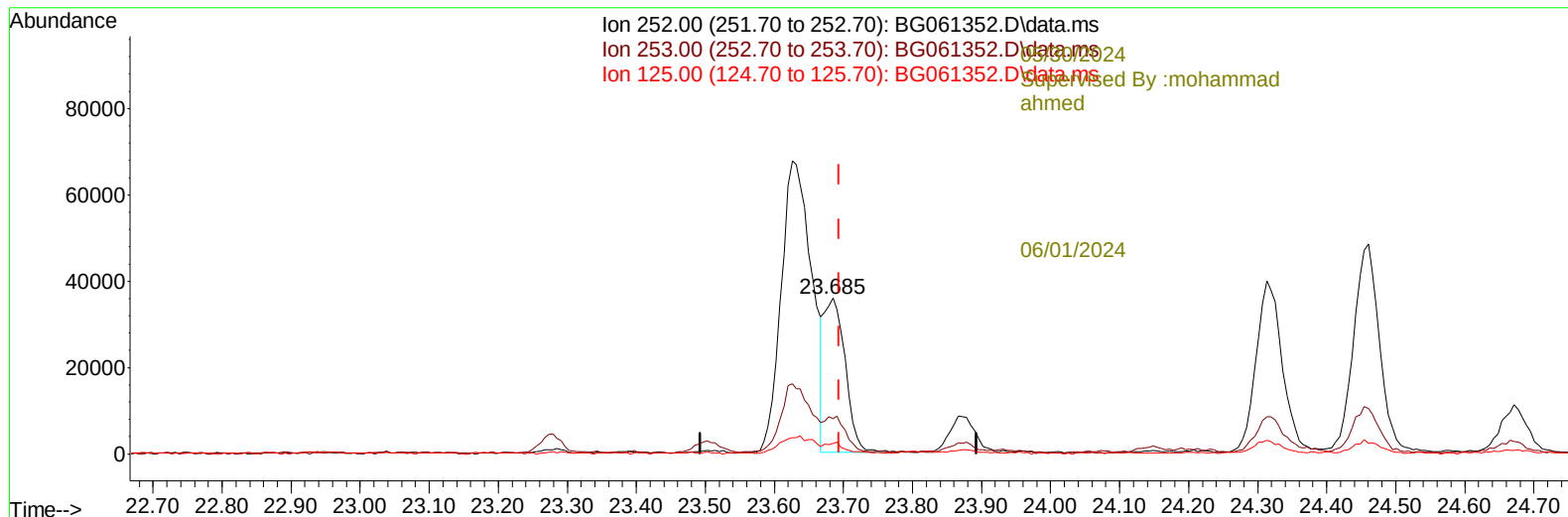
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
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Quant Title : SVOA CALIBRATION
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TIC: BG061352.D\data.ms

(91) Benzo(k)fluoranthene

23.685min (-0.009) 6.85 ng/ul m

response 75037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.60
125.00	5.40	6.62#
0.00	0.00	0.00

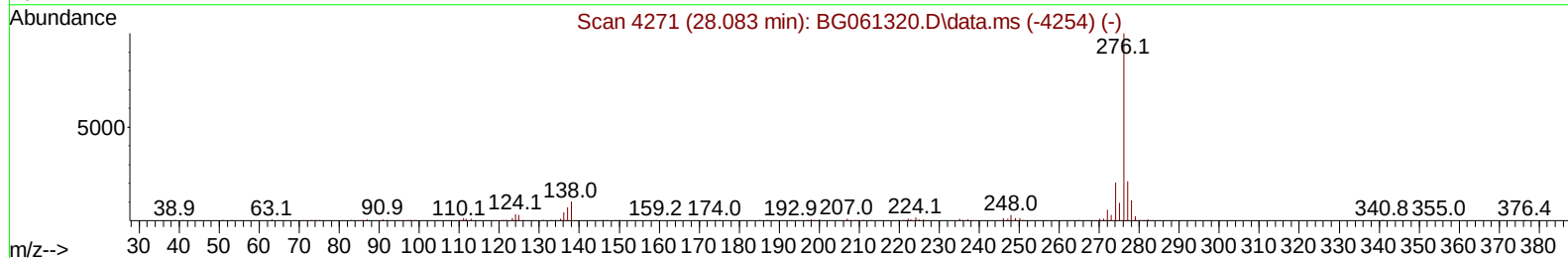
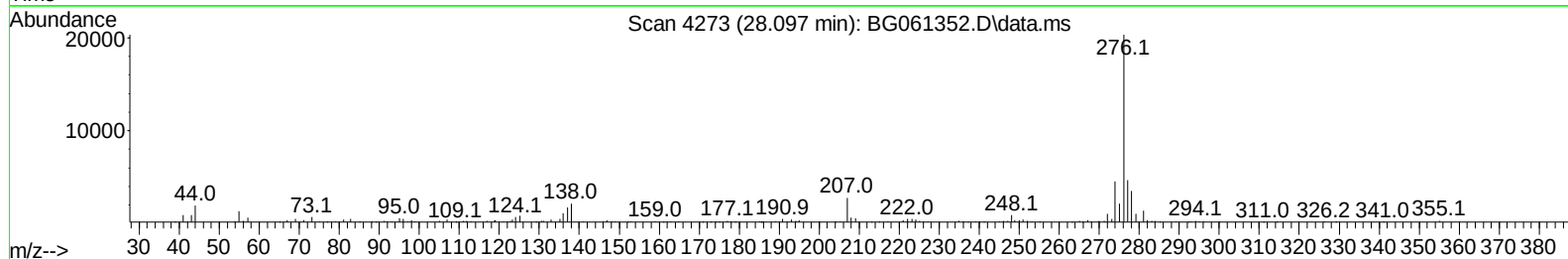
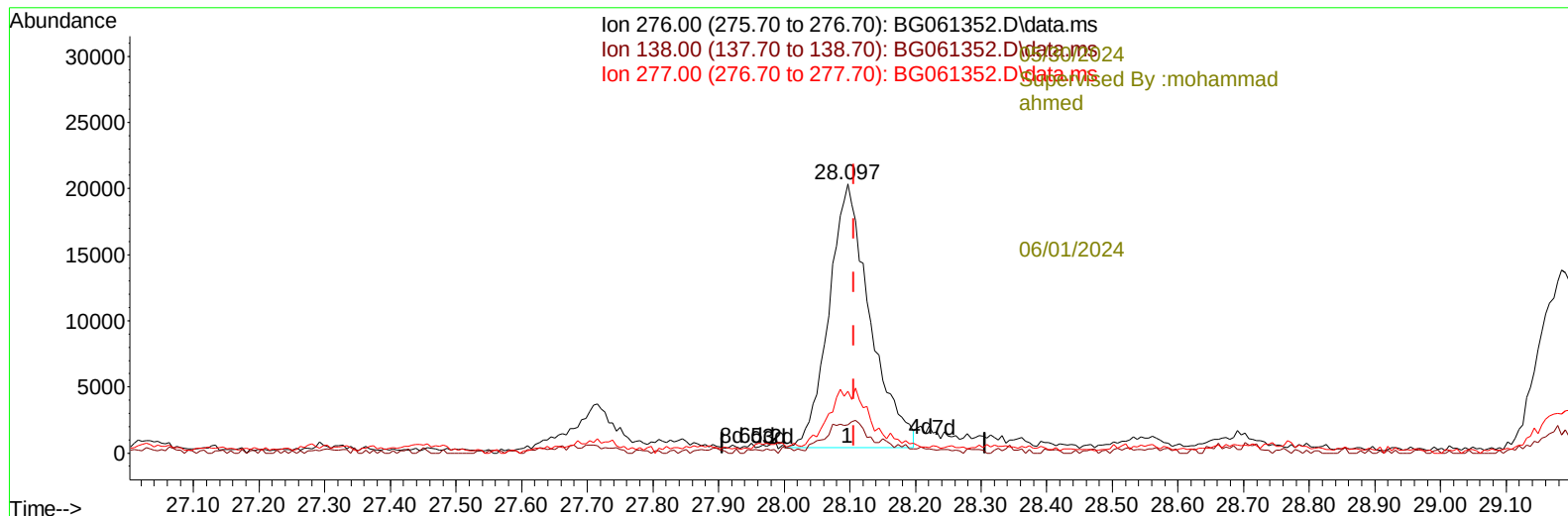
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
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Instrument :
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Supervised By :mohammad ahmed 06/01/2024



TIC: BG061352.D\data.ms

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

28.097min (-0.009) 7.00 ng/u1

response 86770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.55
277.00	24.60	23.05
0.00	0.00	0.00

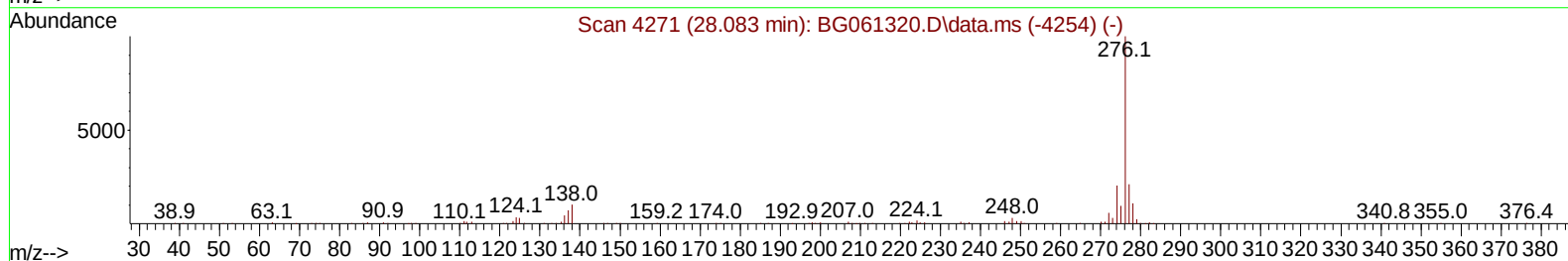
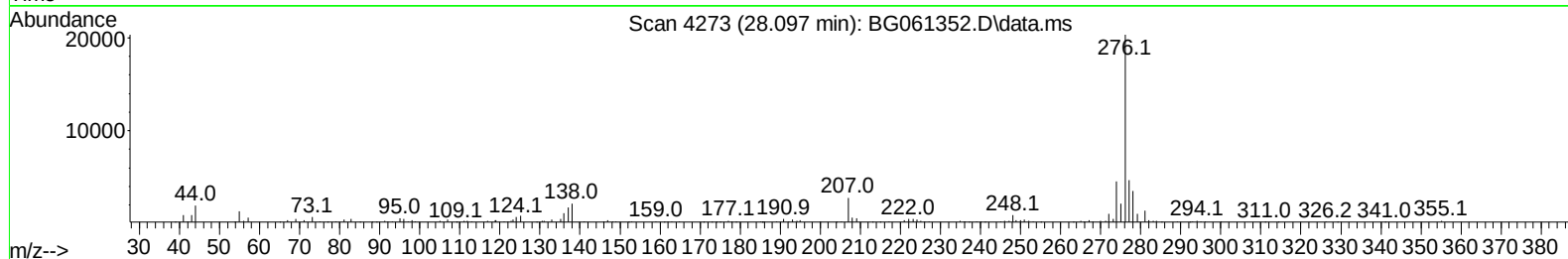
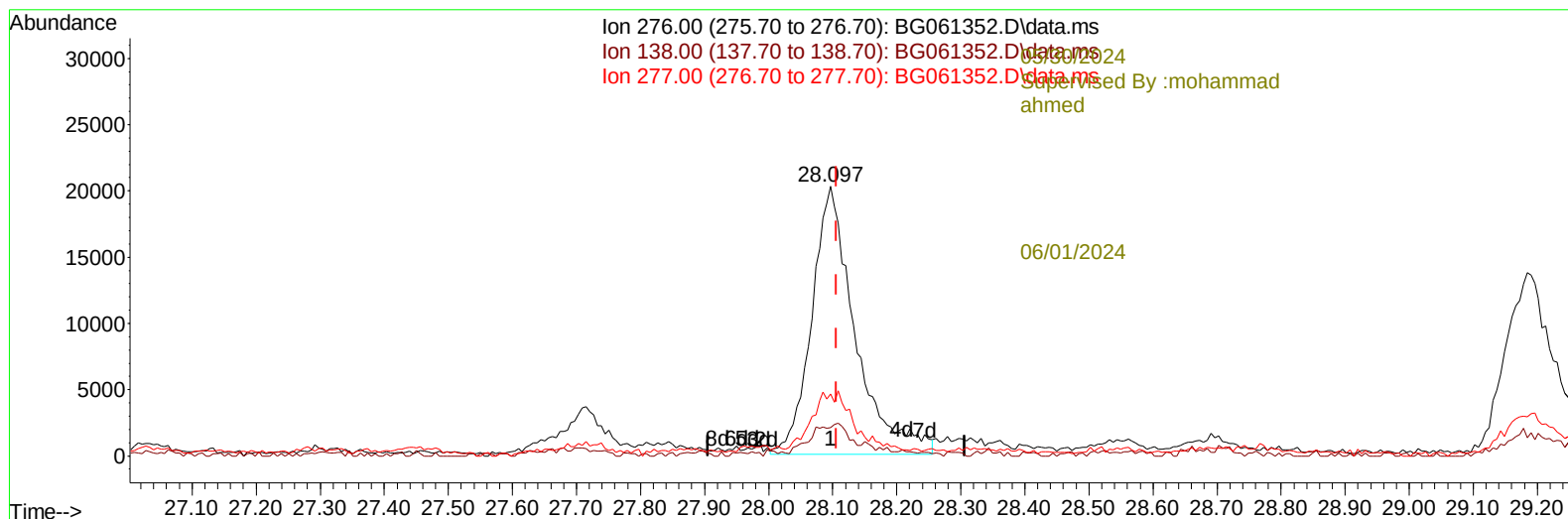
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 30 08:19:23 2024
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TIC: BG061352.D\data.ms

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

28.097min (-0.009) 7.71 ng/ul m

response 95537

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.55
277.00	24.60	23.05
0.00	0.00	0.00

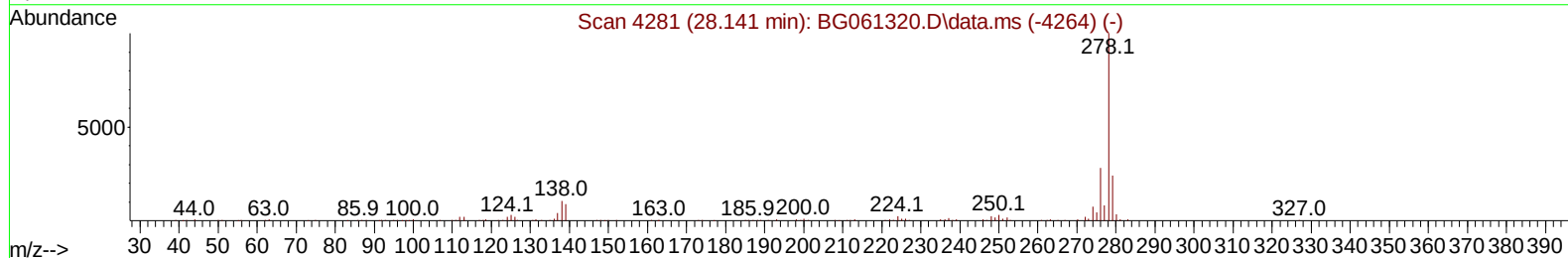
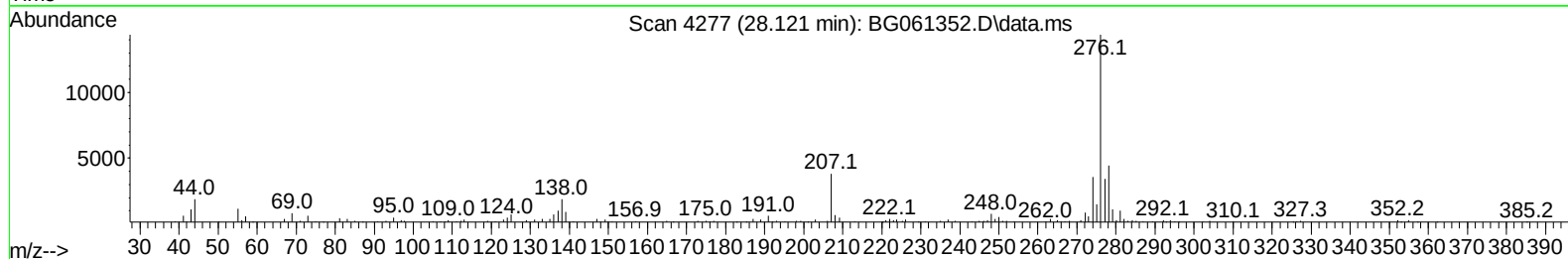
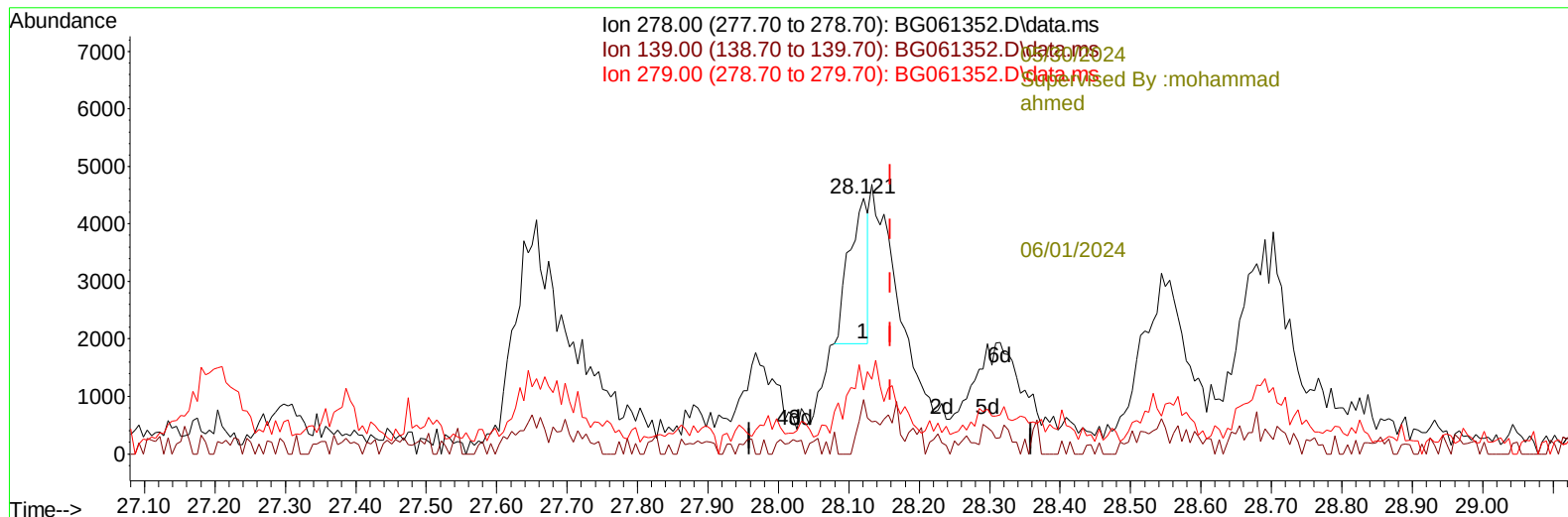
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

Manual IntegrationsAPPROVED

Quant Time: May 30 08:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061352.D\data.ms

(95) Dibenzo(a,h)anthracene

28.121min (-0.038) 0.45 ng/u1

response 4646

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	21.18#
279.00	24.90	25.03
0.00	0.00	0.00

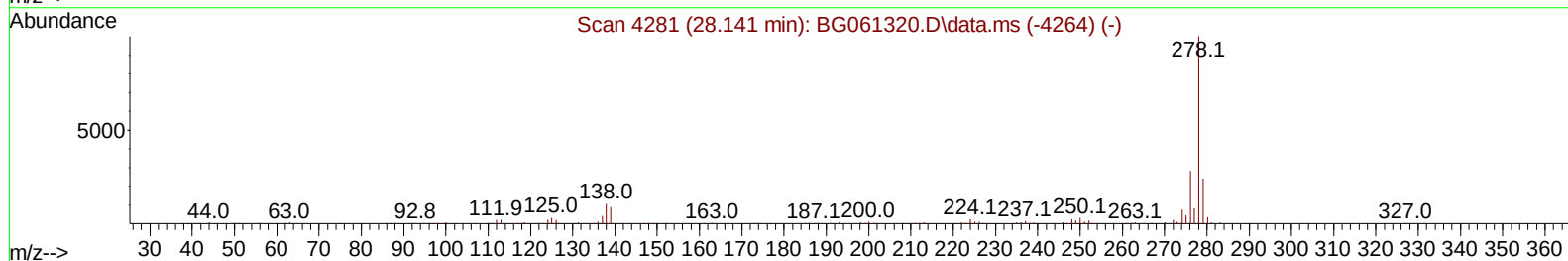
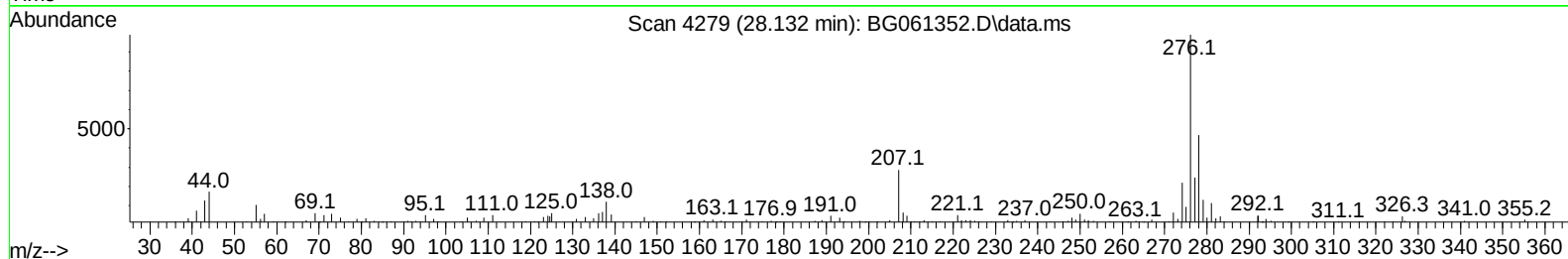
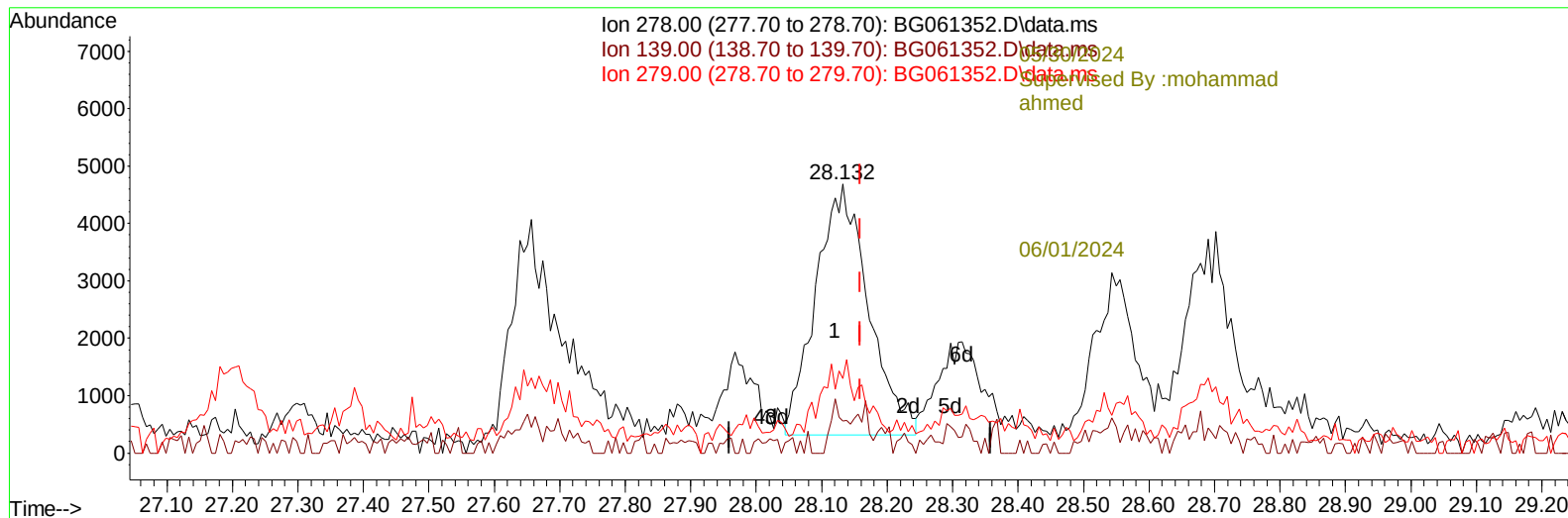
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 08:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061352.D\data.ms

(95) Dibenzo(a,h)anthracene

28.132min (-0.027) 2.38 ng/u l m

response 24325

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.85#
279.00	24.90	27.66
0.00	0.00	0.00

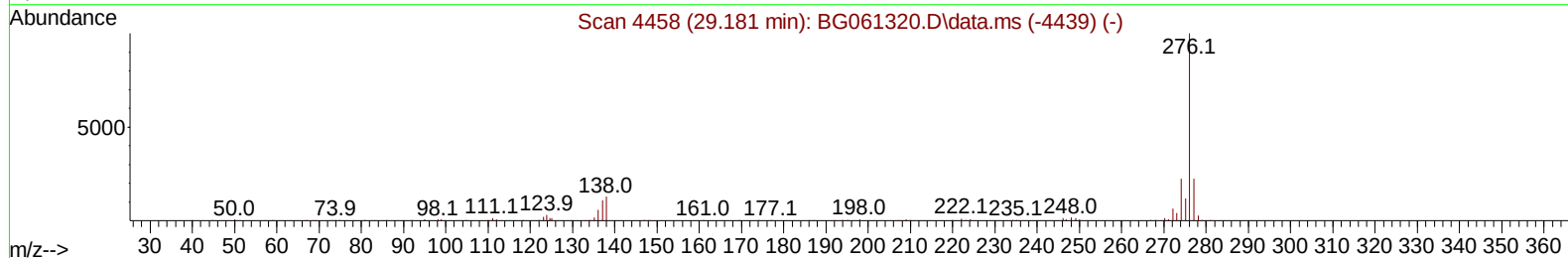
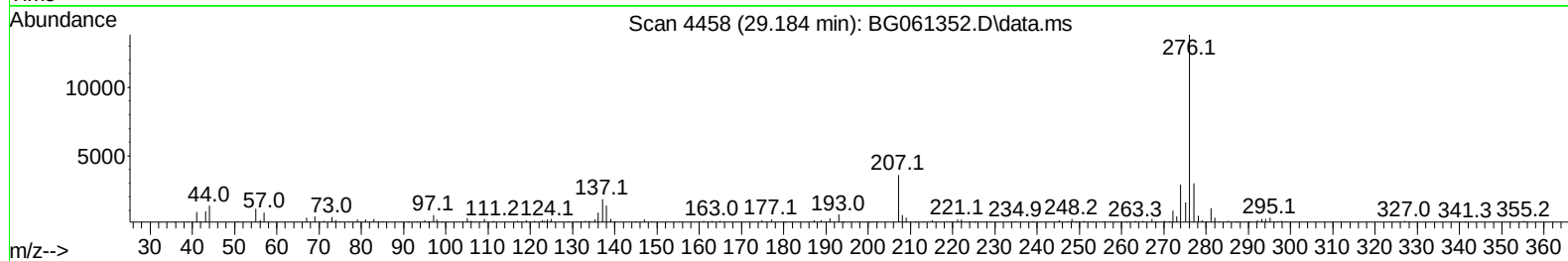
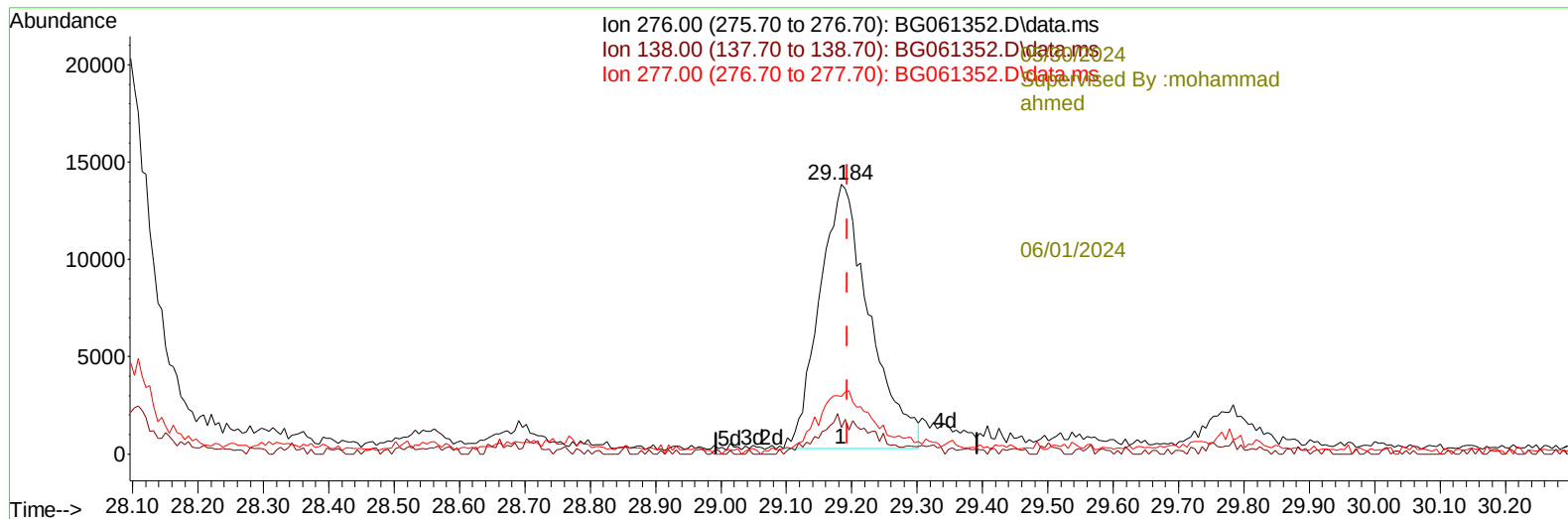
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 08:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061352.D\data.ms

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

29.184min (-0.009) 7.38 ng/u1

response 72720

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.83
277.00	22.70	21.42
0.00	0.00	0.00

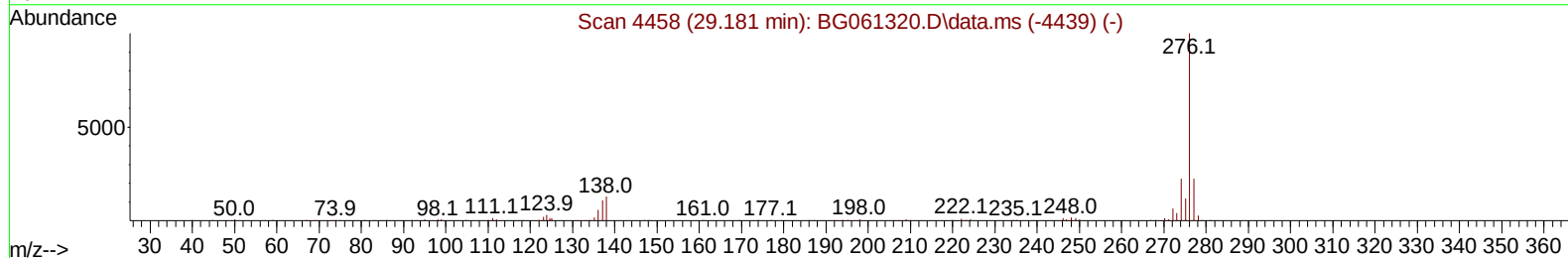
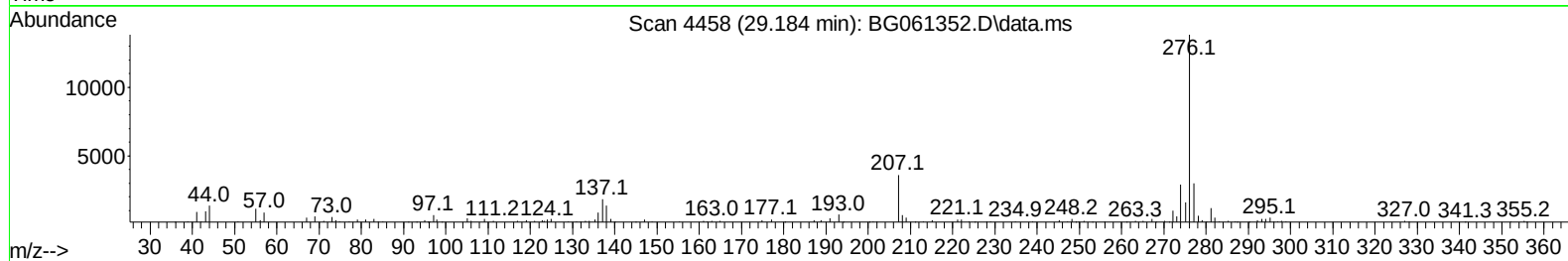
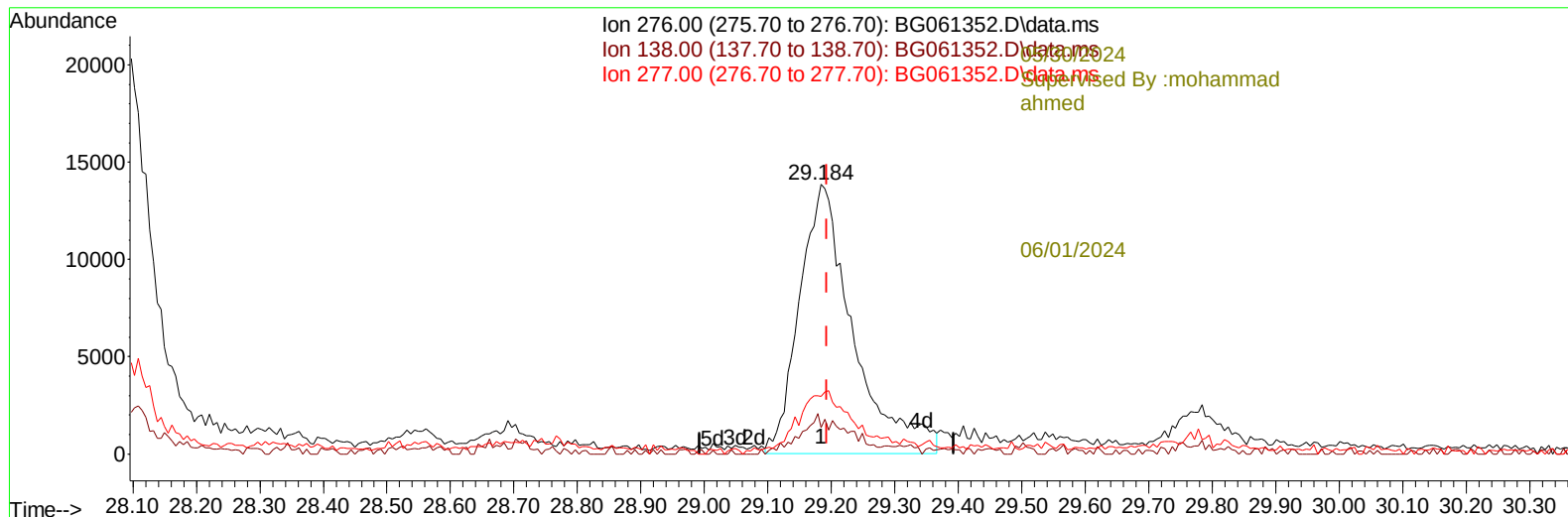
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

Manual IntegrationsAPPROVED

Quant Time: May 30 08:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061352.D\data.ms

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

29.184min (-0.009) 8.23 ng/u1 m

response 81137

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.83
277.00	22.70	21.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061352.D
 Acq On : 30 May 2024 7:43
 Operator : MA/JU
 Sample : P2571-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH664

Manual IntegrationsAPPROVED

Quant Time: May 30 08:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
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 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	21988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.676	136	95544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164	70176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	157529	20.000	ng/ul	0.00
79) Chrysene-d12	21.517	240	166314	20.000	ng/ul	0.00
88) Perylene-d12	24.601	264	181241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	2073	5.276	ng/uL	0.00
4) Pyridine-d5	3.749	84	18196	13.018	ng/ul	0.00
7) Phenol-d5	7.063	99	51055	28.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	33429	29.454	ng/ul	0.00
11) 2-Chlorophenol-d4	7.421	132	42801	32.029	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	27453	17.830	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	22225	30.213	ng/ul	0.00
24) 2-Nitrophenol-d4	9.760	143	26907	31.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	51242	30.530	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	31530	14.359	ng/ul	0.00
46) Dimethylphthalate-d6	13.920	166	176000	32.337	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	191024	33.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	18062	26.842	ng/ul	0.00
60) Fluorene-d10	15.506	176	155546	33.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	20821	21.853	ng/ul	0.00
73) Anthracene-d10	17.363	188	238413	34.329	ng/ul	0.00
81) Pyrene-d10	19.654	212	307036	35.955	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	324307	37.220	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.304	178	119045	15.570	ng/ul	99
74) Anthracene	17.398	178	13111	1.658	ng/ul	97
77) Carbazole	17.668	167	10293	1.601	ng/ul#	95
80) Fluoranthene	19.319	202	264712	25.840	ng/ul	99
82) Pyrene	19.683	202	234067	22.012	ng/ul	99
83) Butylbenzylphthalate	20.571	149	5739	1.571	ng/ul	98
85) Benzo(a)anthracene	21.493	228	123401	10.753	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.411	149	26030	4.814	ng/ul#	97
87) Chrysene	21.558	228	153926	14.567	ng/ul	95
90) Benzo(b)fluoranthene	23.626	252	207565	19.235	ng/ul	97
91) Benzo(k)fluoranthene	23.685	252	75037m	6.850	ng/ul	
93) Benzo(a)pyrene	24.460	252	124958	12.195	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.097	276	95537m	7.710	ng/ul	
95) Dibenzo(a,h)anthracene	28.132	278	24325m	2.381	ng/ul	
96) Benzo(g,h,i)perylene	29.184	276	81137m	8.231	ng/ul	

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

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