

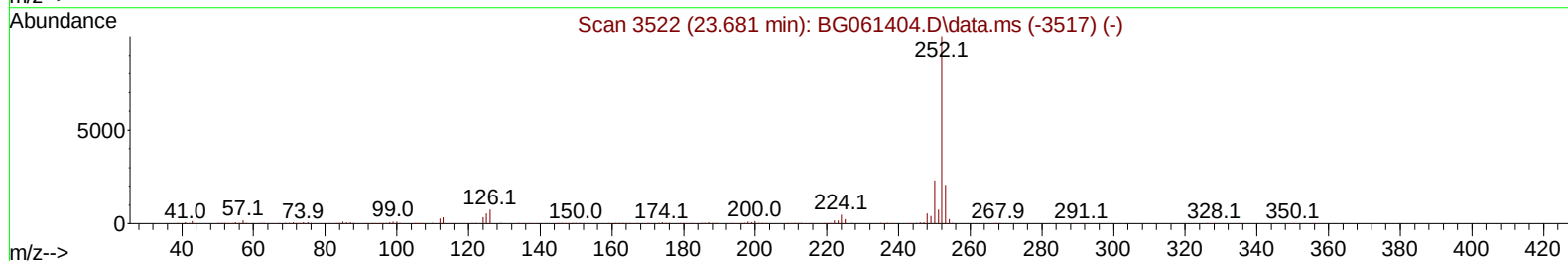
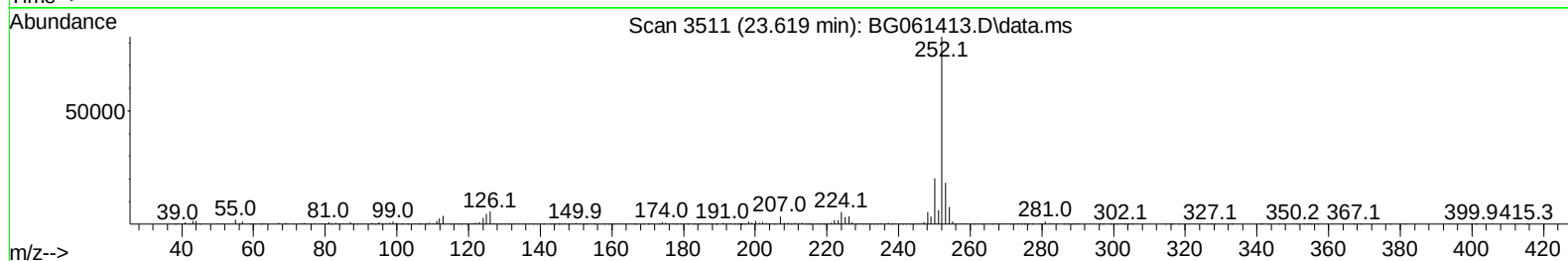
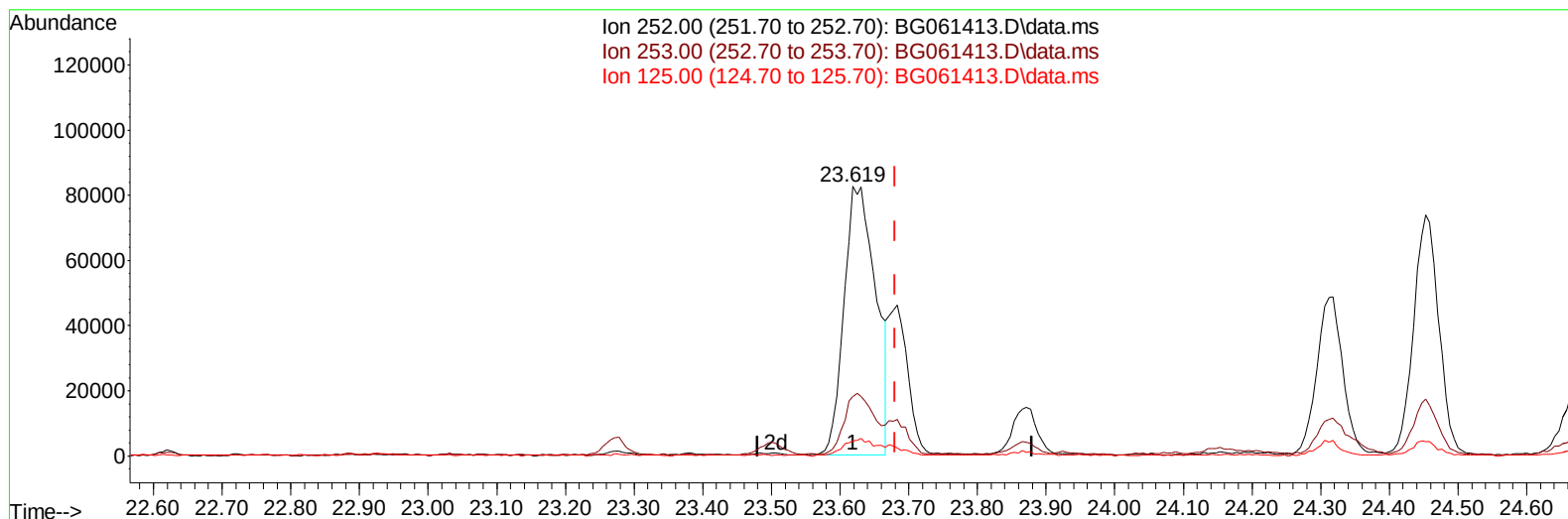
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:43:24 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: BG061413.D\data.ms

(91) Benzo(k)fluoranthene

23.619min (-0.061) 21.32 ng/u1

response 265059

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.04
125.00	5.40	5.51
0.00	0.00	0.00

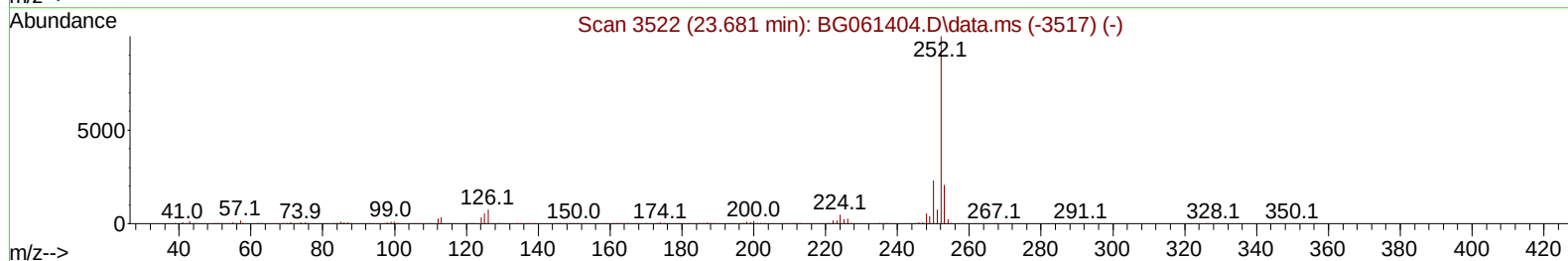
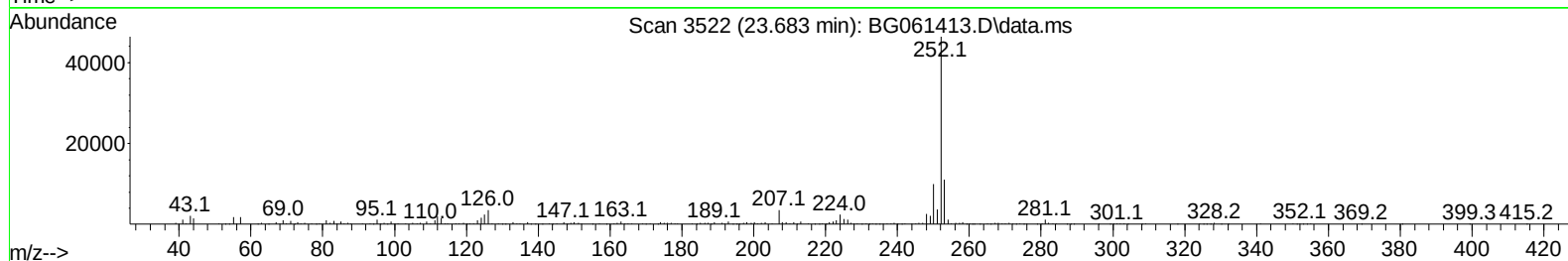
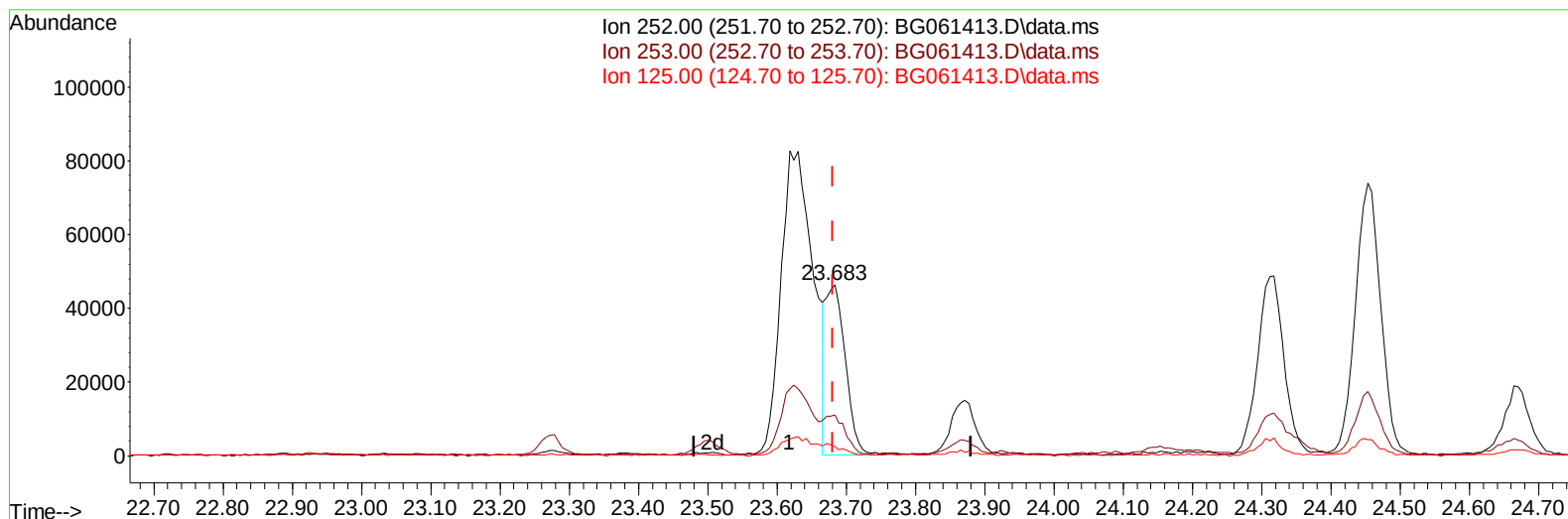
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061413.D
 Acq On : 1 Jun 2024 5:10
 Operator : MA/JU
 Sample : P2588-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:43:24 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 06/04/2024



TIC: BG061413.D\data.ms

(91) Benzo(k)fluoranthene

23.683min (+ 0.003) 7.19 ng/ul m

response 89450

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.08#
125.00	5.40	5.32
0.00	0.00	0.00

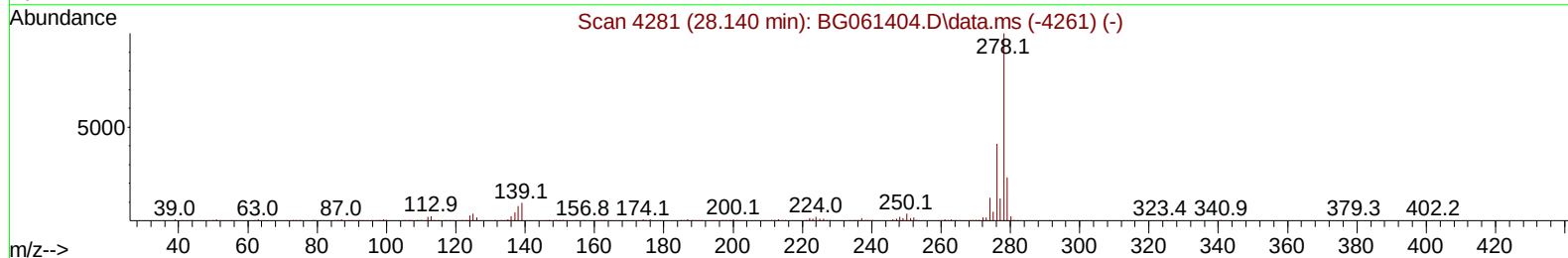
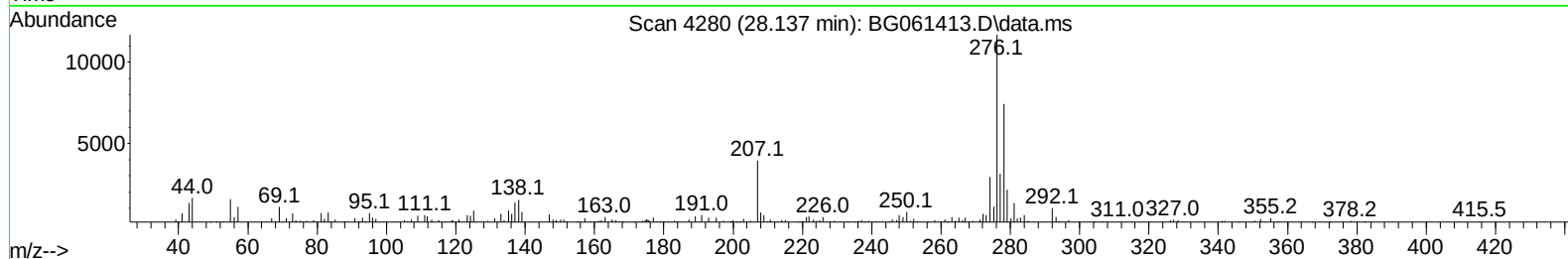
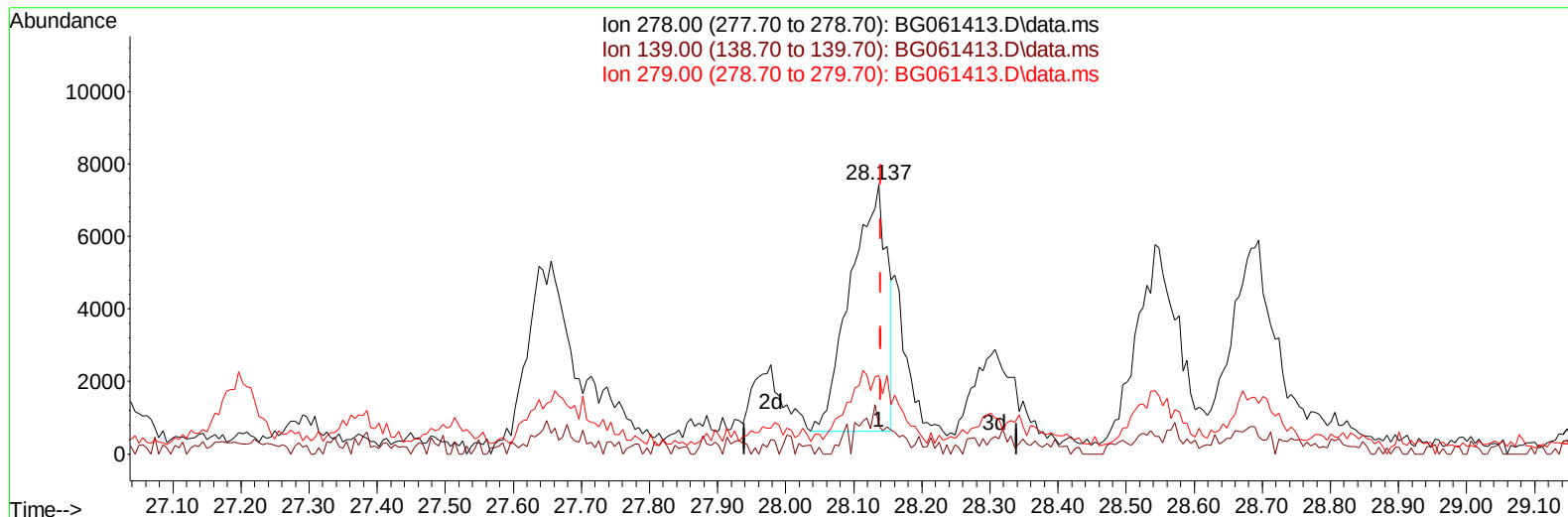
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:43:24 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: BG061413.D\data.ms

(95) Dibenzo(a,h)anthracene

28.137min (-0.003) 2.19 ng/u1

response 25410

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.55#
279.00	24.90	29.04
0.00	0.00	0.00

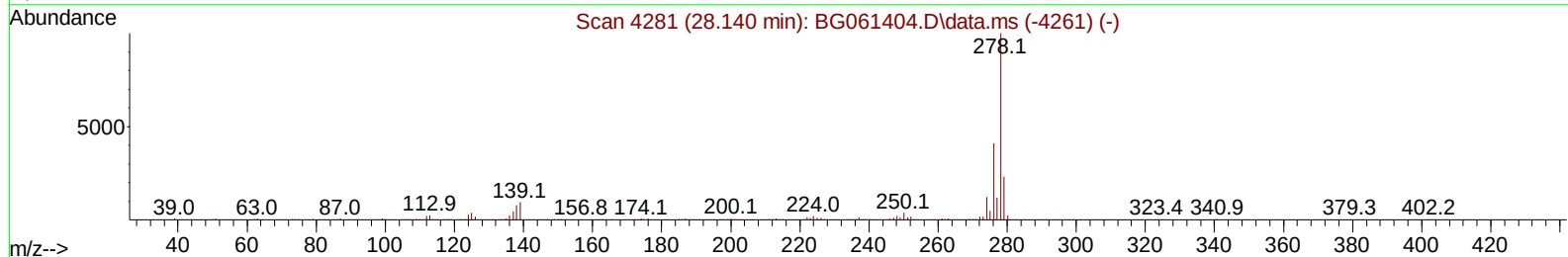
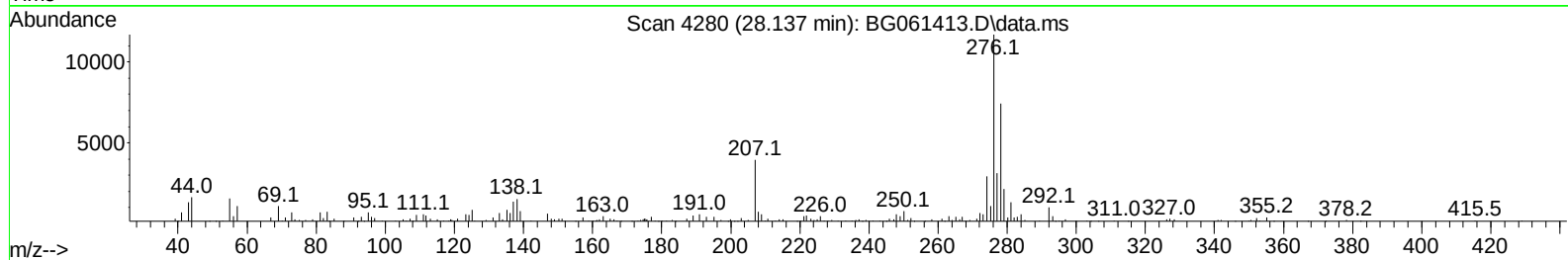
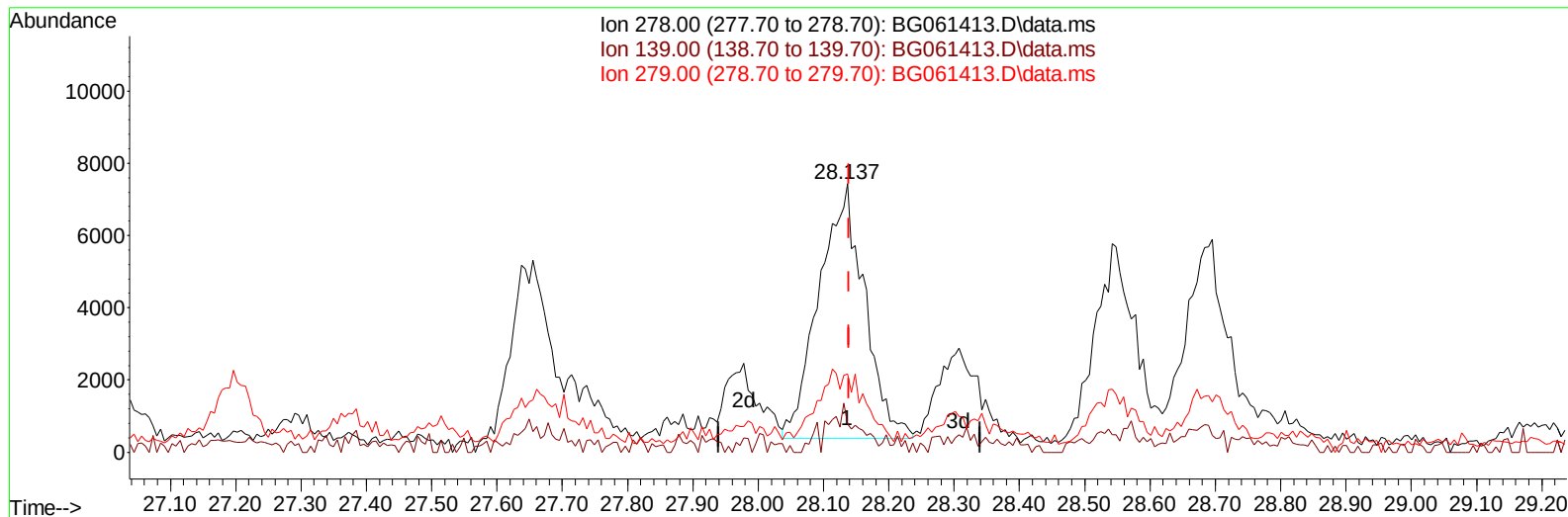
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:43:24 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: BG061413.D\data.ms

(95) Dibenzo(a,h)anthracene

28.137min (-0.003) 2.94 ng/ul m

response 34100

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.55#
279.00	24.90	29.04
0.00	0.00	0.00

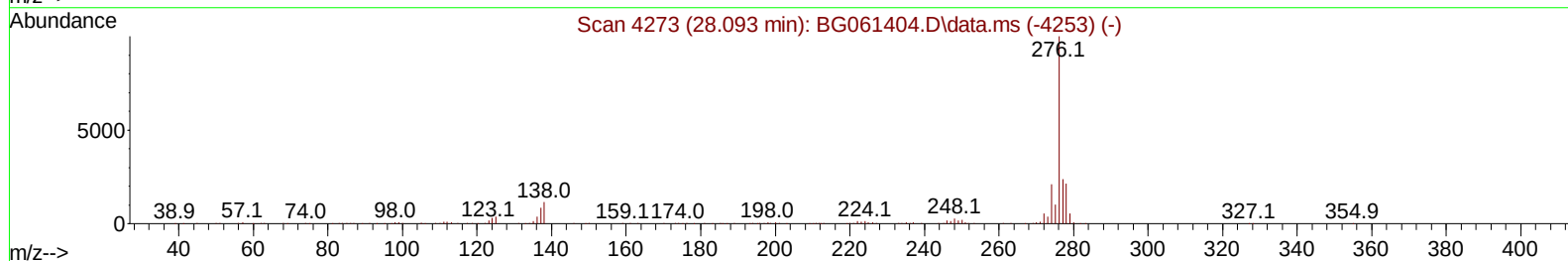
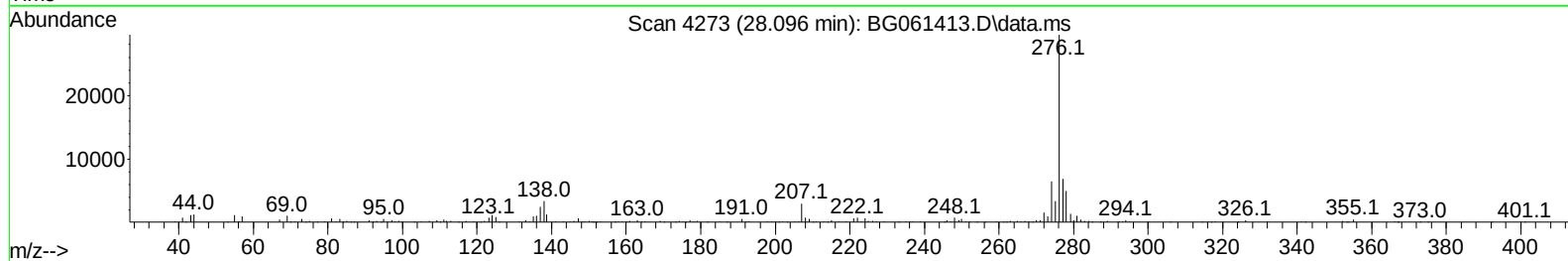
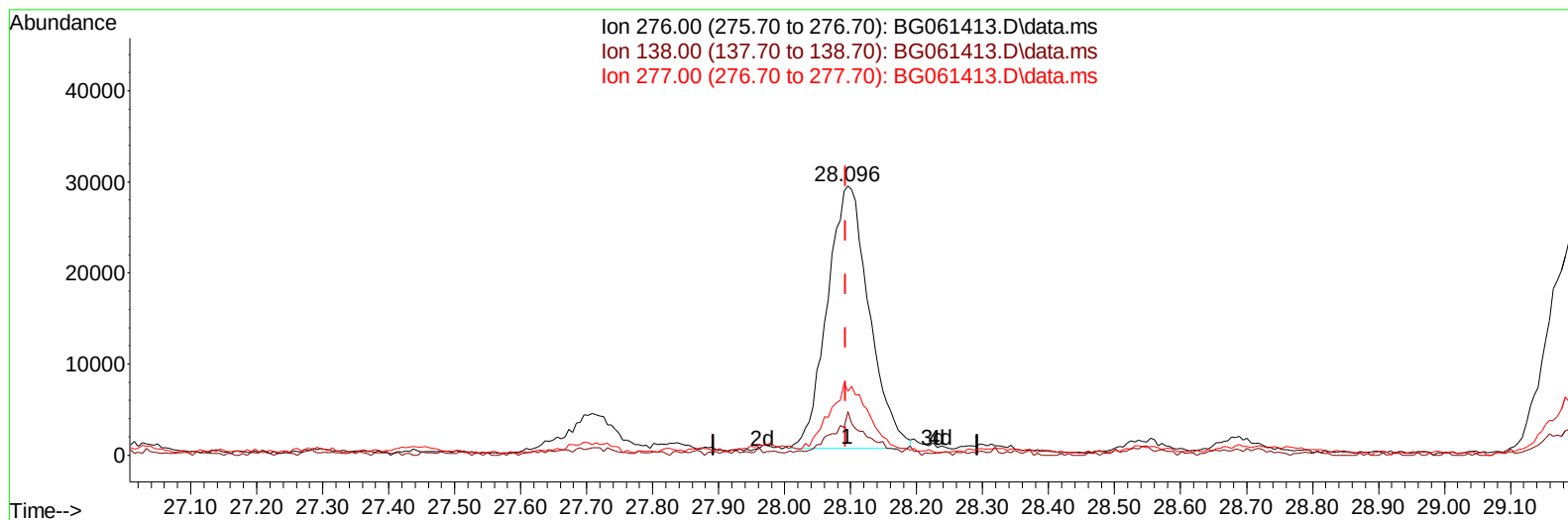
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:46:22 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
Response via : Initial Calibration

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



TIC: BG061413.D\data.ms

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

28.096min (+ 0.003) 9.05 ng/u1

response 127278

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	16.22#
277.00	24.60	23.61
0.00	0.00	0.00

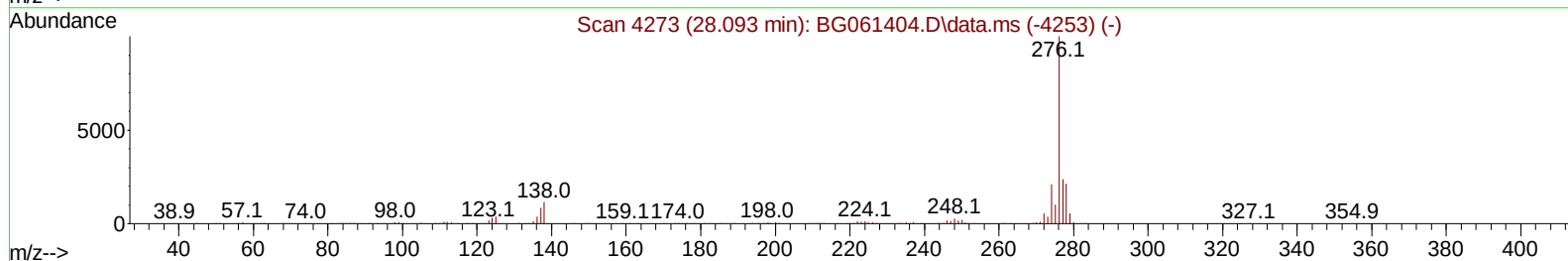
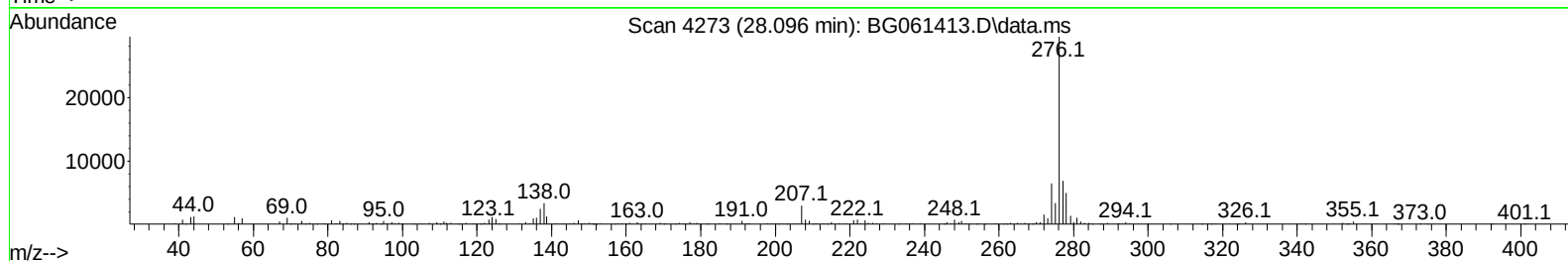
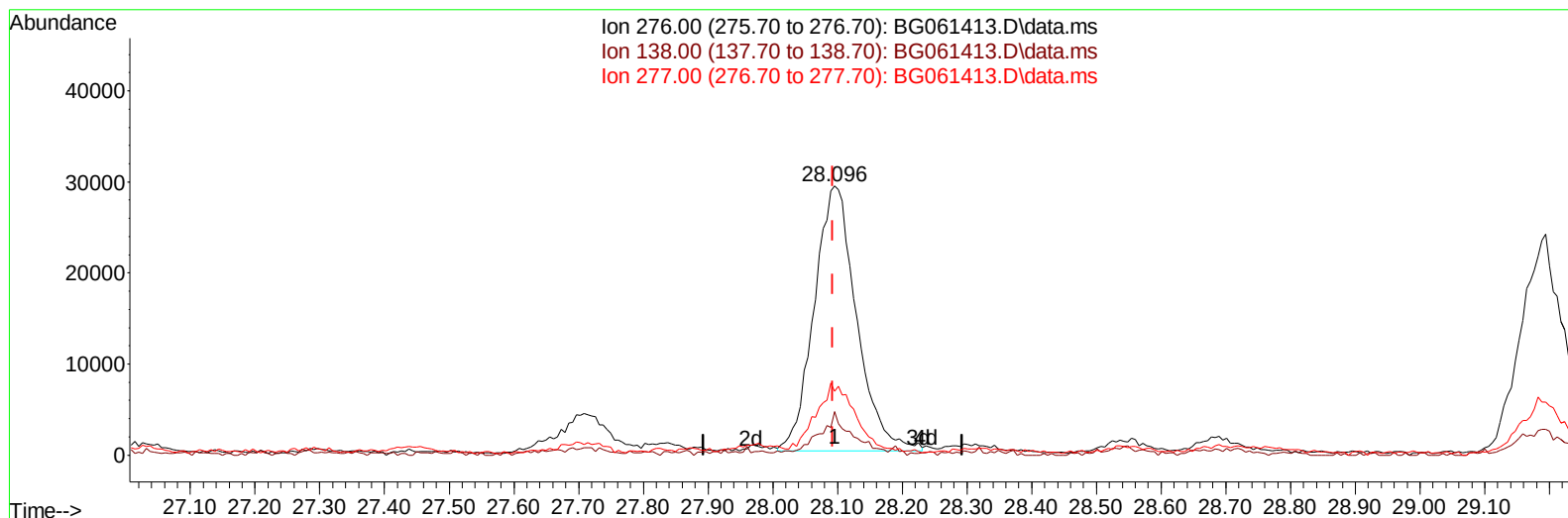
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:46:22 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
Response via : Initial Calibration

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



TIC: BG061413.D\data.ms

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

28.096min (+ 0.003) 9.43 ng/ul m

response 132584

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	11.50
277.00	24.60	23.61
0.00	0.00	0.00

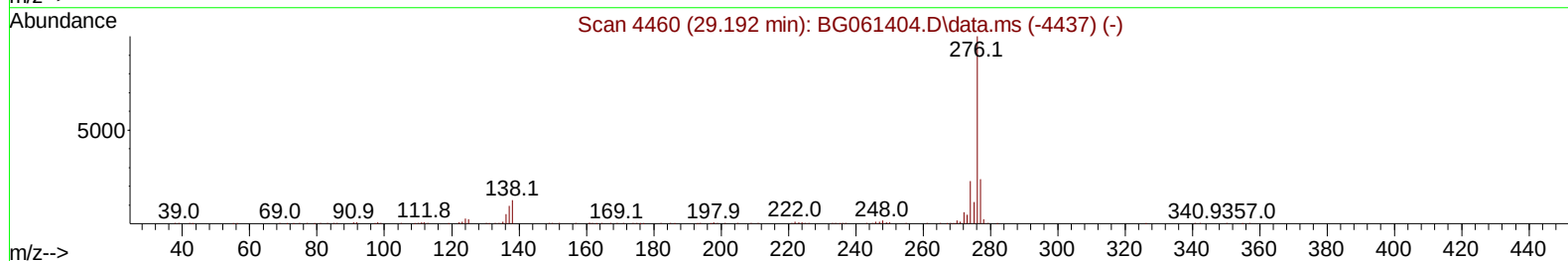
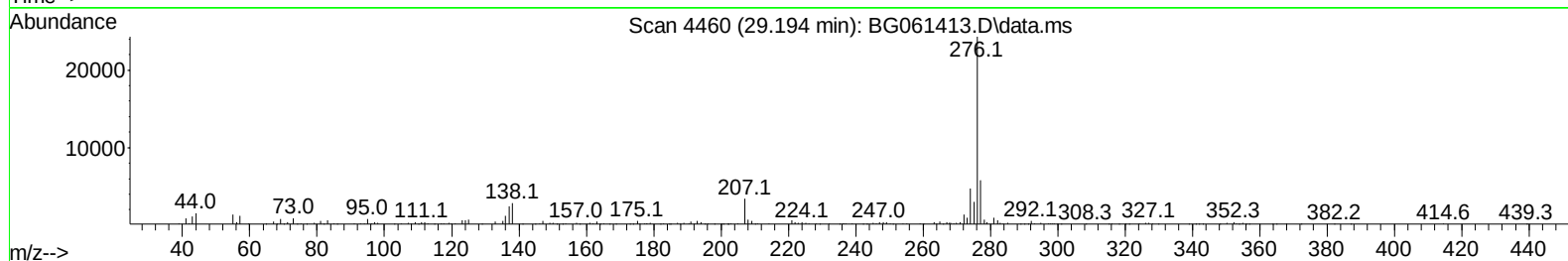
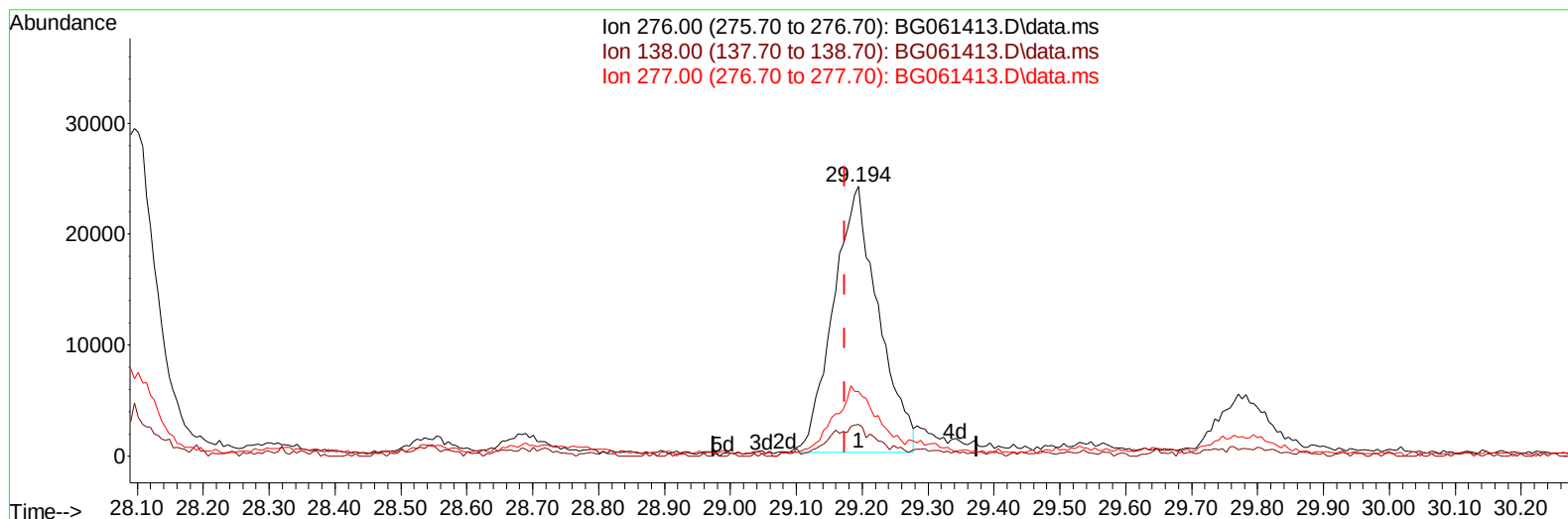
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:44:56 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: BG061413.D\data.ms

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

29.194min (+ 0.021) 10.18 ng/u1

response 113916

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.60
277.00	22.70	24.02
0.00	0.00	0.00

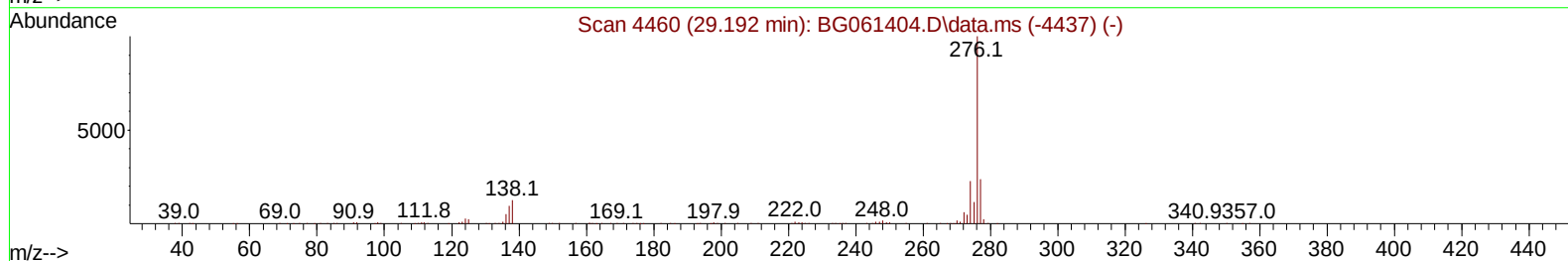
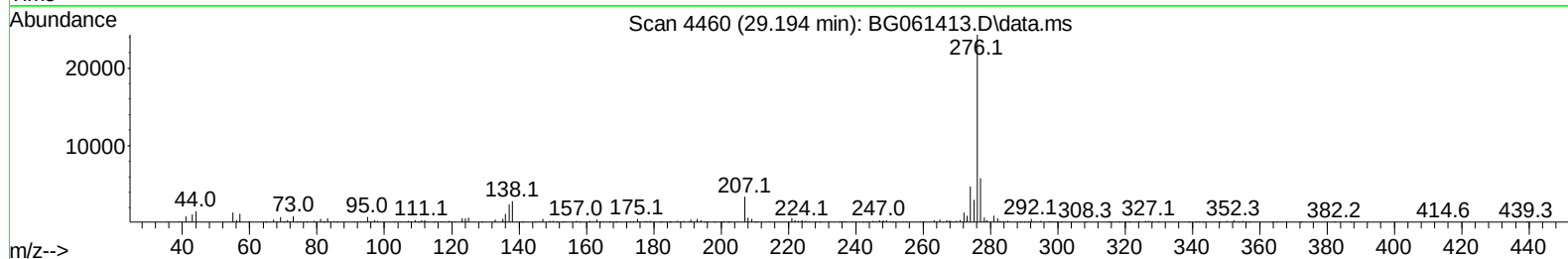
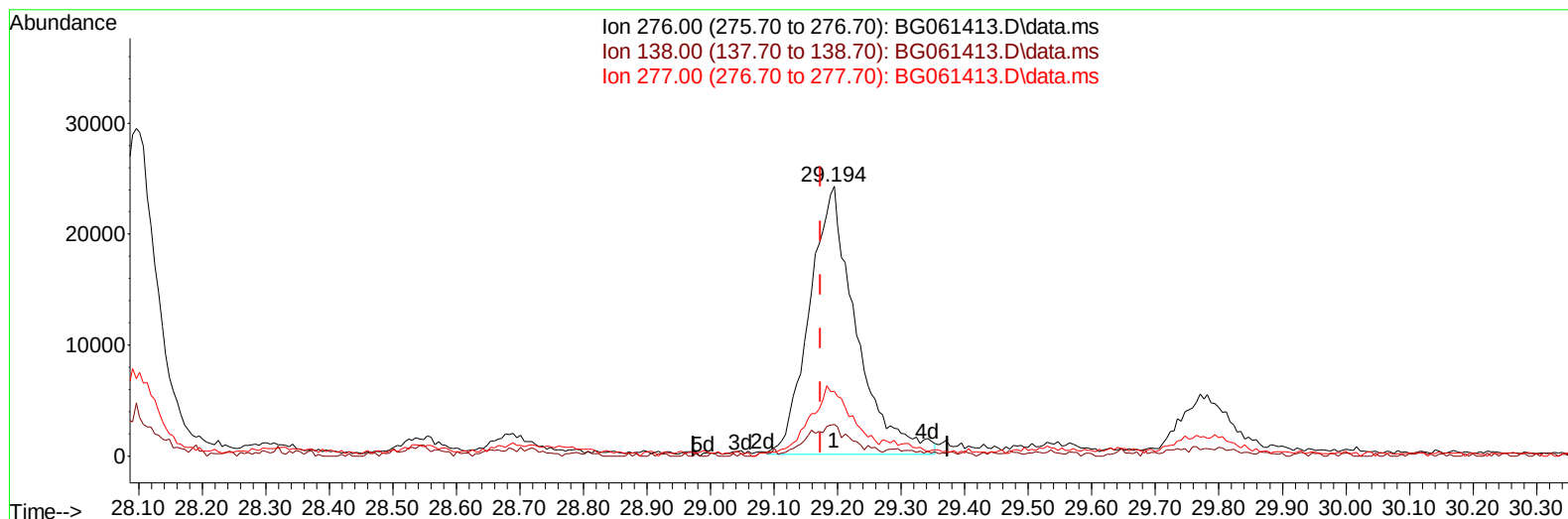
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061413.D
Acq On : 1 Jun 2024 5:10
Operator : MA/JU
Sample : P2588-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:44:56 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: BG061413.D\data.ms

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

29.194min (+ 0.021) 11.04 ng/ul m

response 123524

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.60
277.00	22.70	24.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061413.D
 Acq On : 1 Jun 2024 5:10
 Operator : MA/JU
 Sample : P2588-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6E6

Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:48:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	25312	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	102373	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.506	164	77906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	176001	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240	180839	20.000	ng/ul	0.00
88) Perylene-d12	24.594	264	205725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	1626	3.595	ng/uL	0.00
4) Pyridine-d5	3.742	84	26545	16.497	ng/ul	0.00
7) Phenol-d5	7.062	99	37712	18.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	25888	19.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	33762	21.947	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	28816	16.258	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	16052	20.365	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	20030	21.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	39899	22.186	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	38596	16.405	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	134308	22.228	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	147140	23.424	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	12826	17.170	ng/ul	0.00
60) Fluorene-d10	15.505	176	124701	23.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	15522	14.582	ng/ul	0.00
73) Anthracene-d10	17.355	188	216119	27.853	ng/ul	0.00
81) Pyrene-d10	19.653	212	256426	27.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	275464	27.852	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.303	178	115632	13.536	ng/ul	98
74) Anthracene	17.391	178	17131	1.940	ng/ul	99
77) Carbazole	17.661	167	10726	1.493	ng/ul	97
80) Fluoranthene	19.318	202	339005	30.434	ng/ul	99
82) Pyrene	19.682	202	312755	27.050	ng/ul	99
85) Benzo(a)anthracene	21.492	228	186465	14.944	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	7884	1.341	ng/ul#	95
87) Chrysene	21.556	228	192560	16.760	ng/ul	95
90) Benzo(b)fluoranthene	23.619	252	265059	21.640	ng/ul	99
91) Benzo(k)fluoranthene	23.683	252	89450m	7.194	ng/ul	
93) Benzo(a)pyrene	24.453	252	187459	16.117	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.096	276	132584m	9.426	ng/ul	
95) Dibenzo(a,h)anthracene	28.137	278	34100m	2.940	ng/ul	
96) Benzo(g,h,i)perylene	29.194	276	123524m	11.039	ng/ul	

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

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Manual IntegrationsAPPROVED

Quant Time: Jun 01 05:48:36 2024
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