

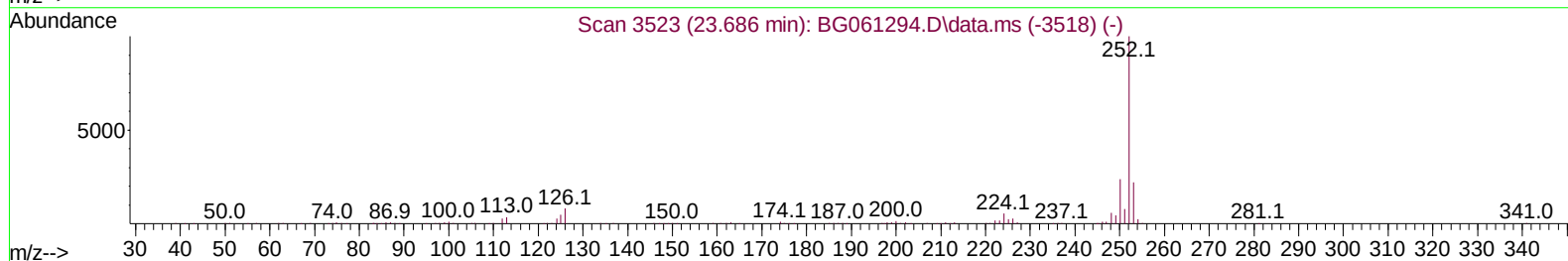
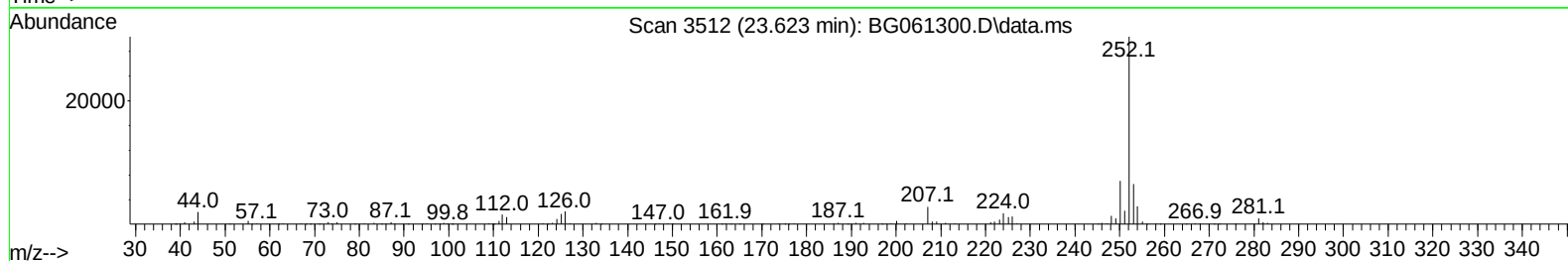
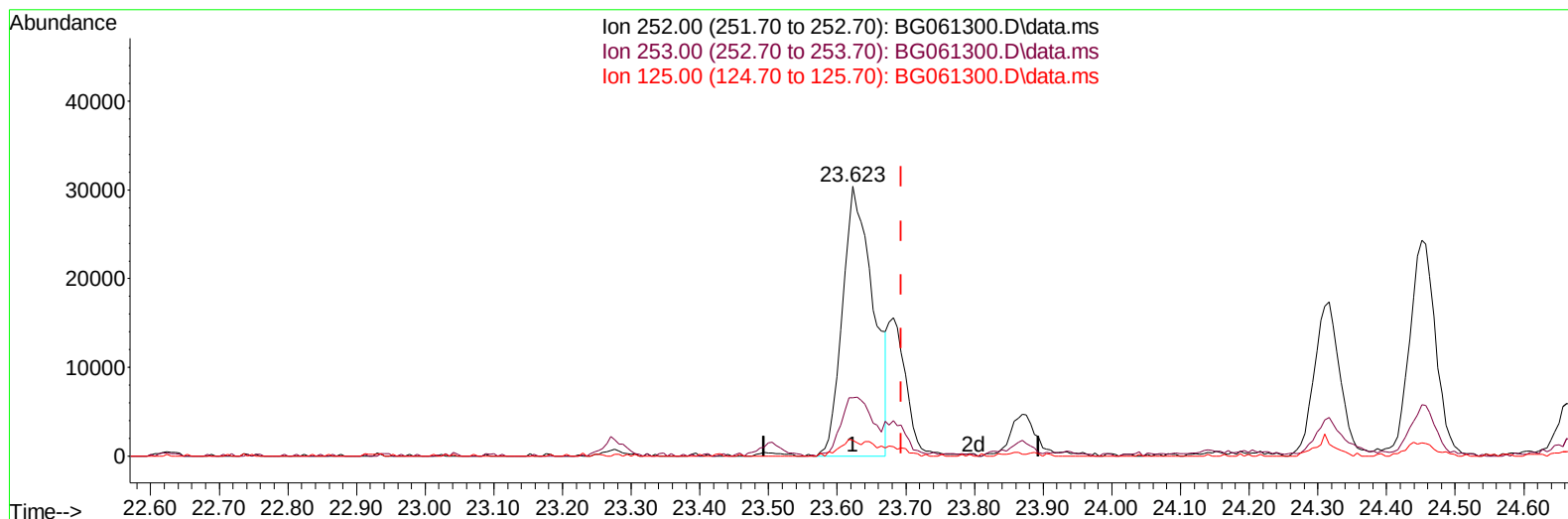
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:01:41 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 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061300.D\data.ms

(91) Benzo(k)fluoranthene

23.623min (-0.071) 7.11 ng/u1

response 94289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.69
125.00	5.40	5.75
0.00	0.00	0.00

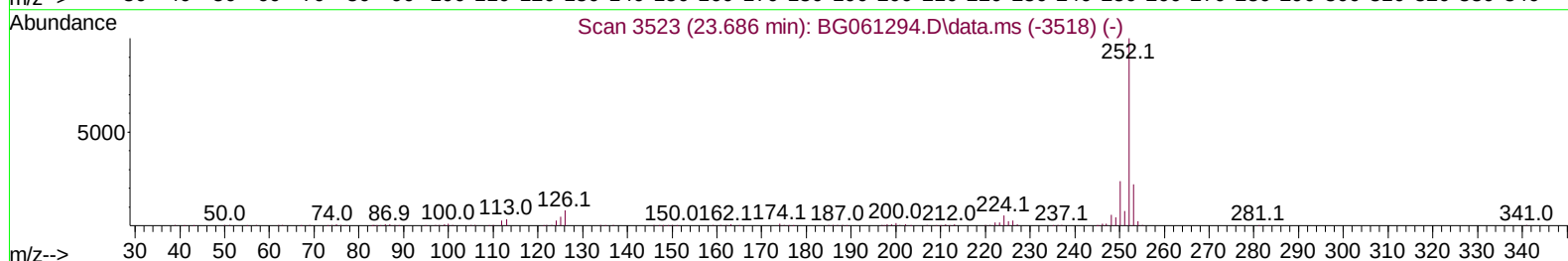
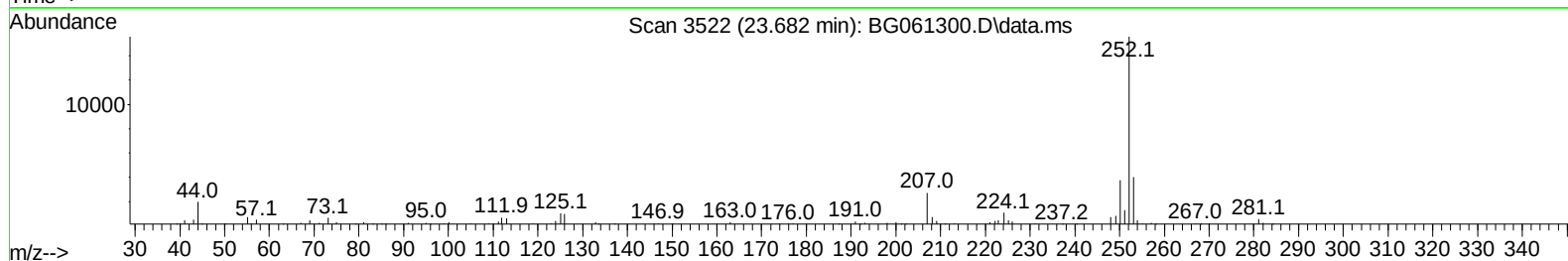
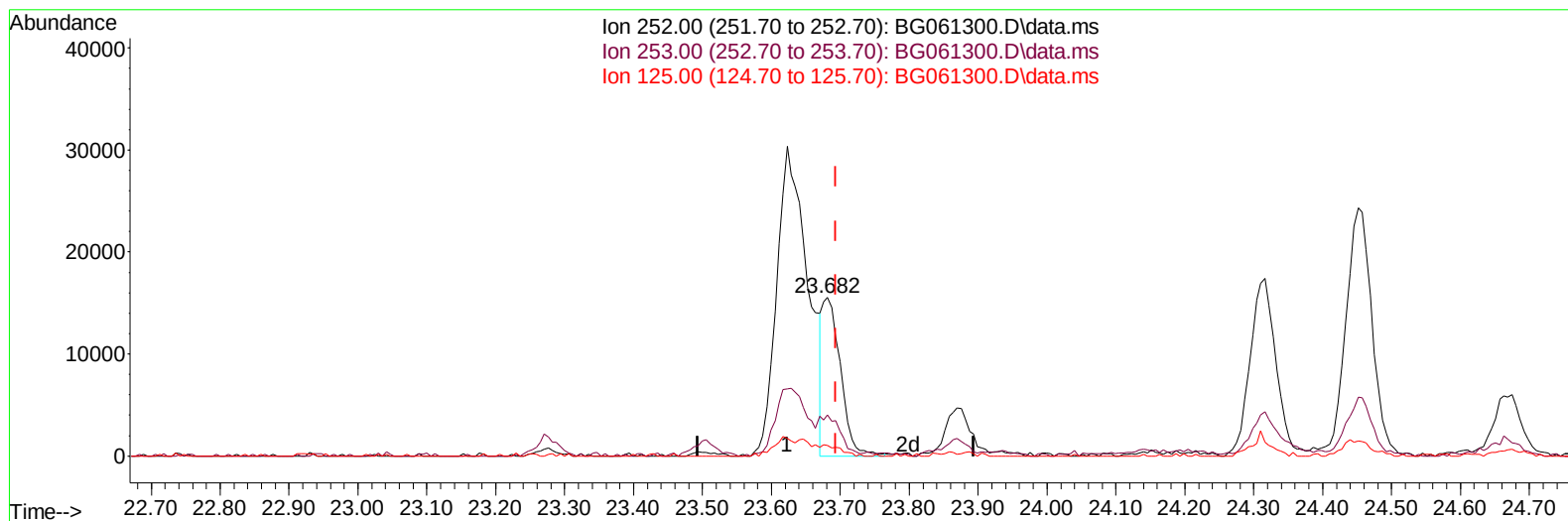
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061300.D
Acq On : 28 May 2024 15:15
Operator : MA/JU
Sample : P2568-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH638

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 16:01:41 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: BG061300.D\data.ms

(91) Benzo(k)fluoranthene

23.682min (-0.012) 2.14 ng/ul m

response 28315

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	25.77#
125.00	5.40	6.60#
0.00	0.00	0.00

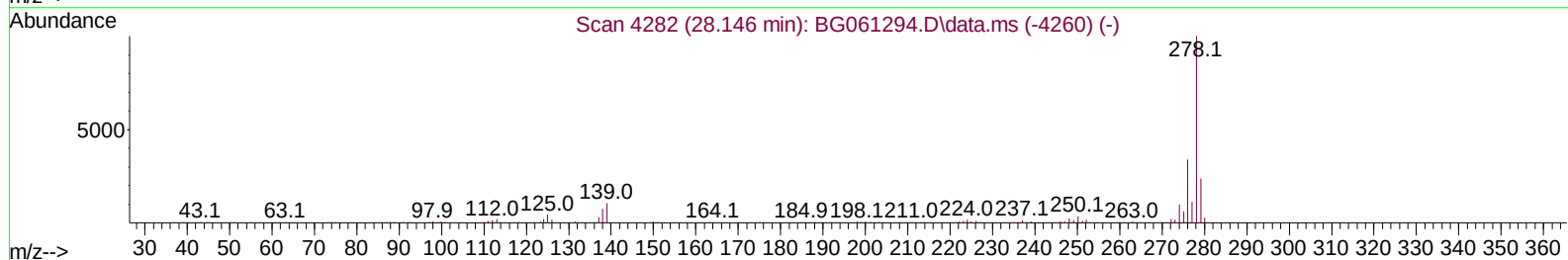
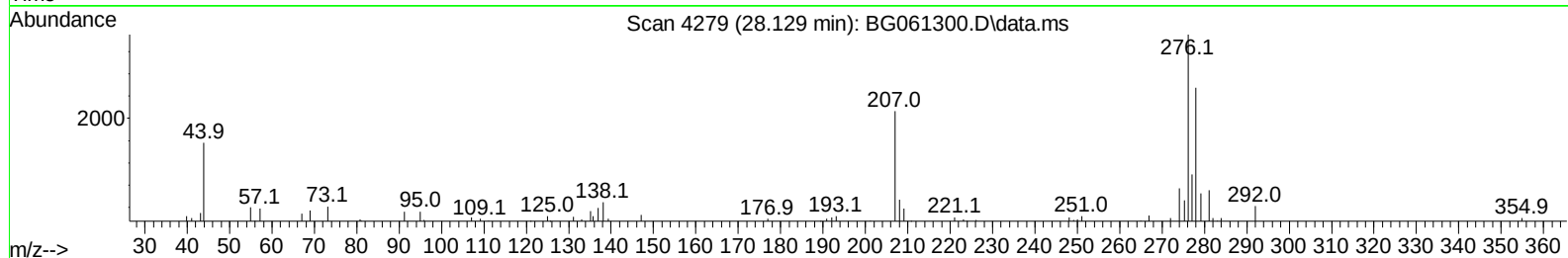
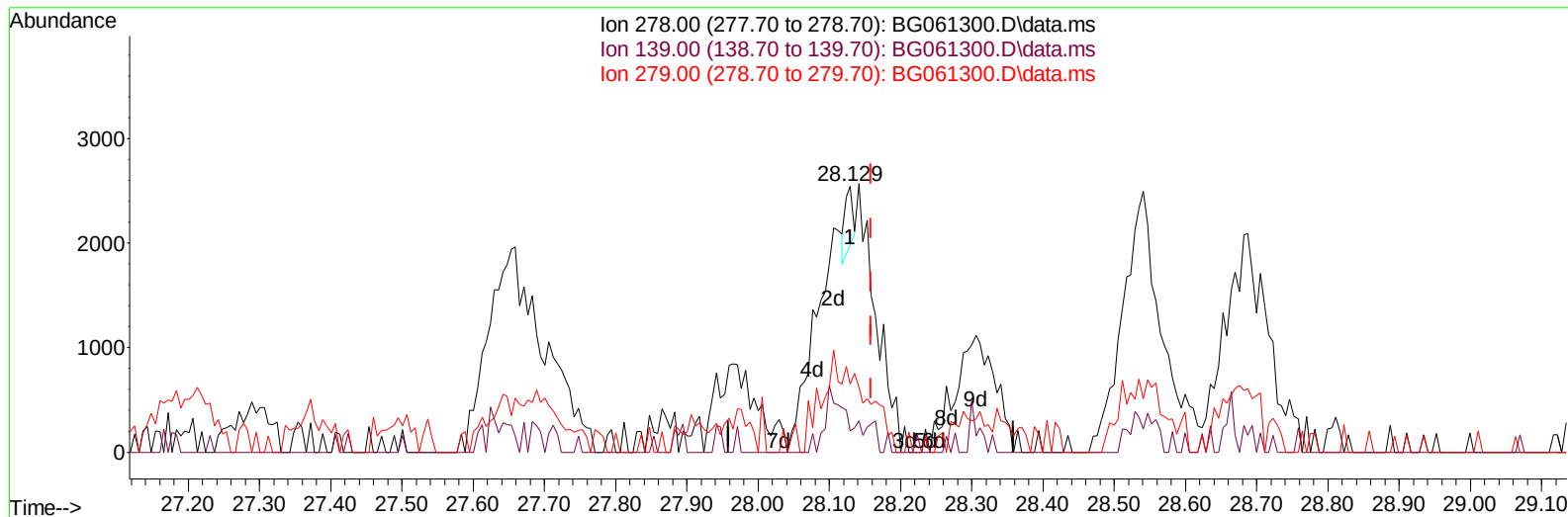
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061300.D
Acq On : 28 May 2024 15:15
Operator : MA/JU
Sample : P2568-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:02:43 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 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061300.D\data.ms

(95) Dibenzo(a,h)anthracene

28.129min (-0.030) 0.04 ng/u1

response 452

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.89
279.00	24.90	25.56
0.00	0.00	0.00

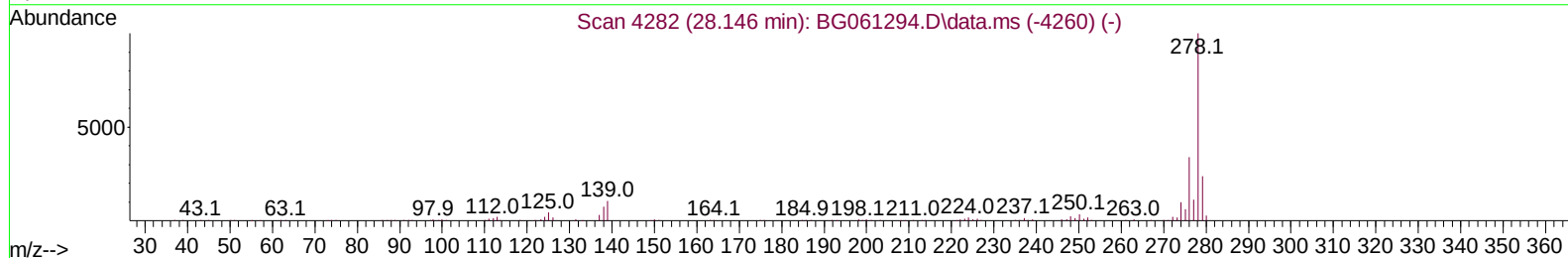
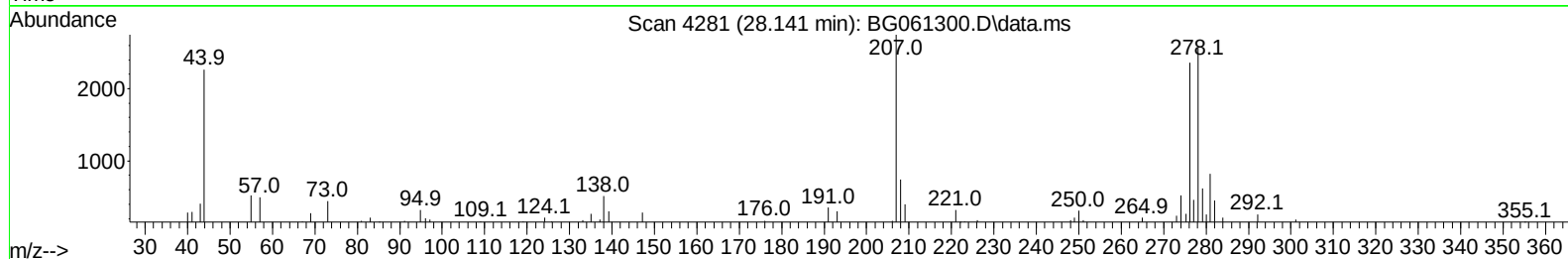
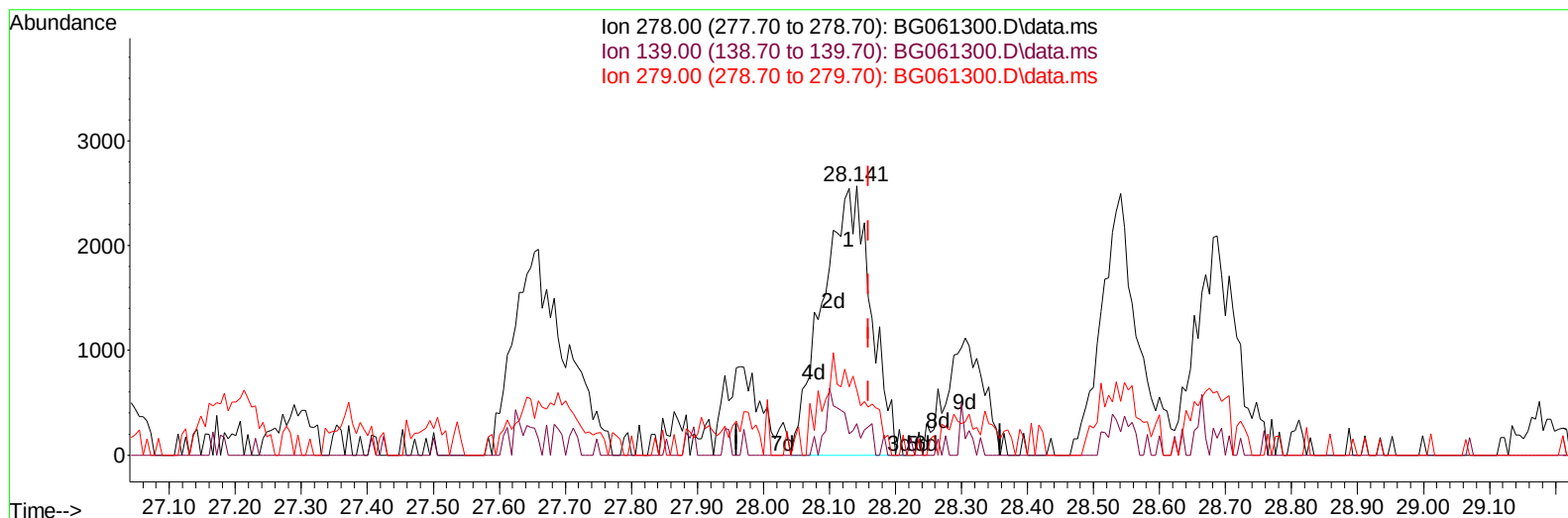
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:02:43 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 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061300.D\data.ms

(95) Dibenzo(a,h)anthracene

28.141min (-0.018) 1.05 ng/ul m

response 13031

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.65#
279.00	24.90	24.23
0.00	0.00	0.00

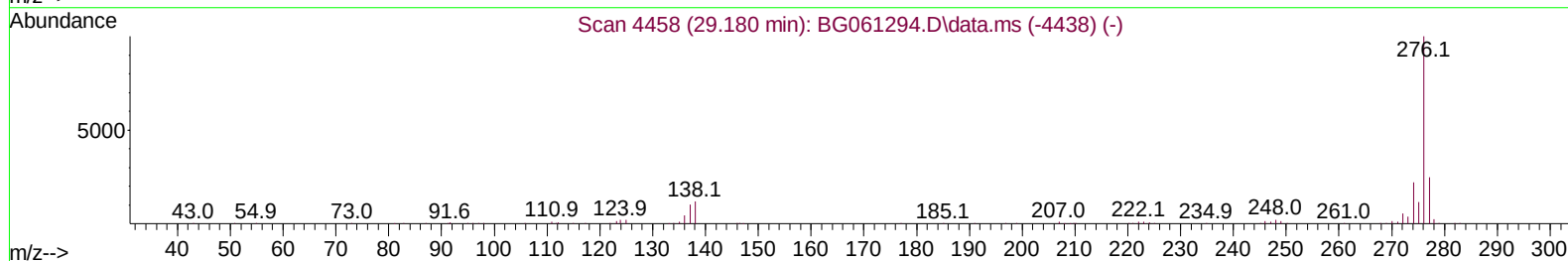
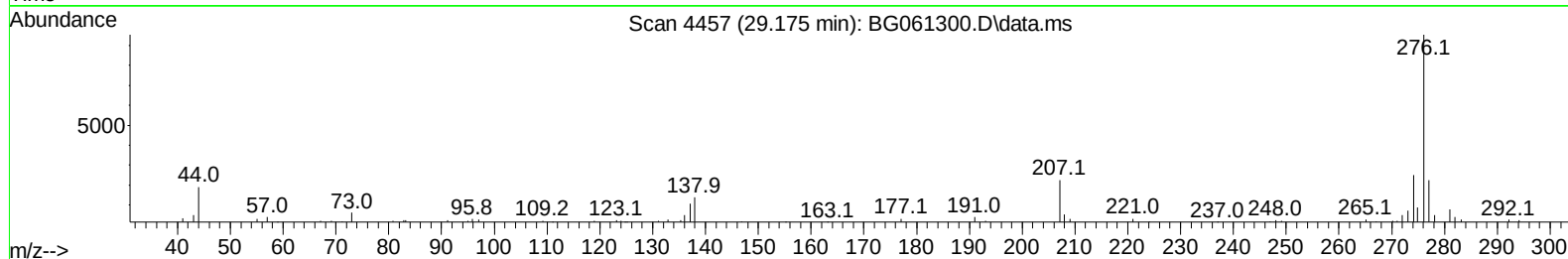
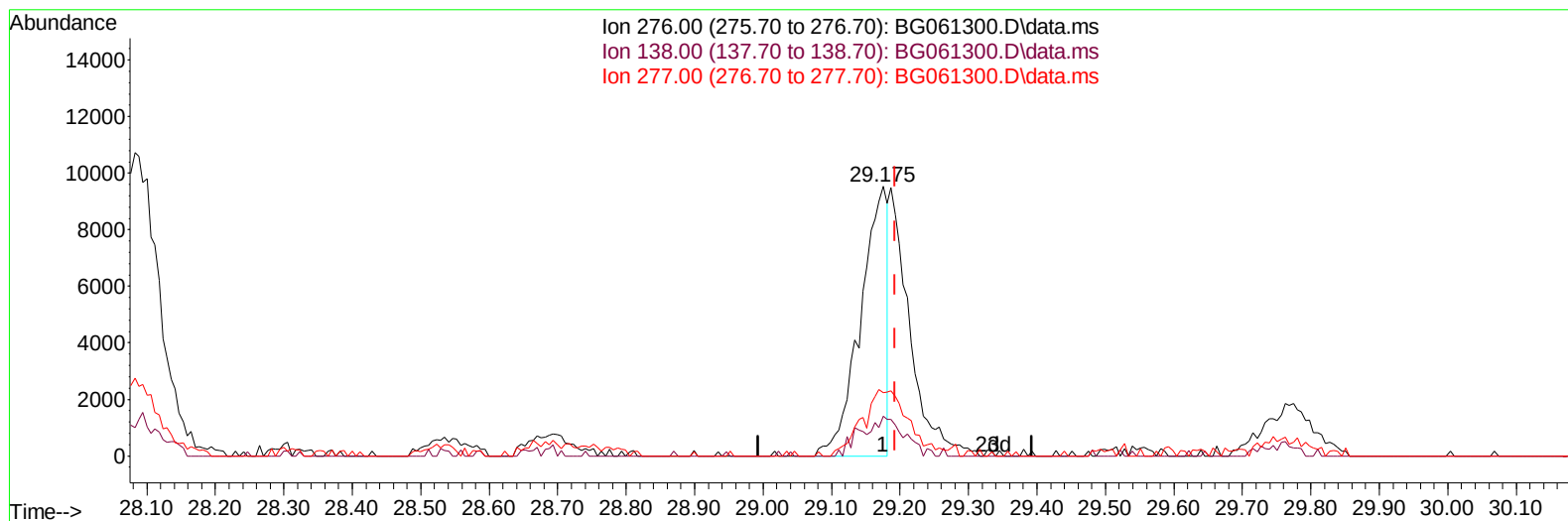
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:02:43 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 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061300.D\data.ms

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

29.175min (-0.018) 2.19 ng/u1

response 26126

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	14.73#
277.00	22.70	23.56
0.00	0.00	0.00

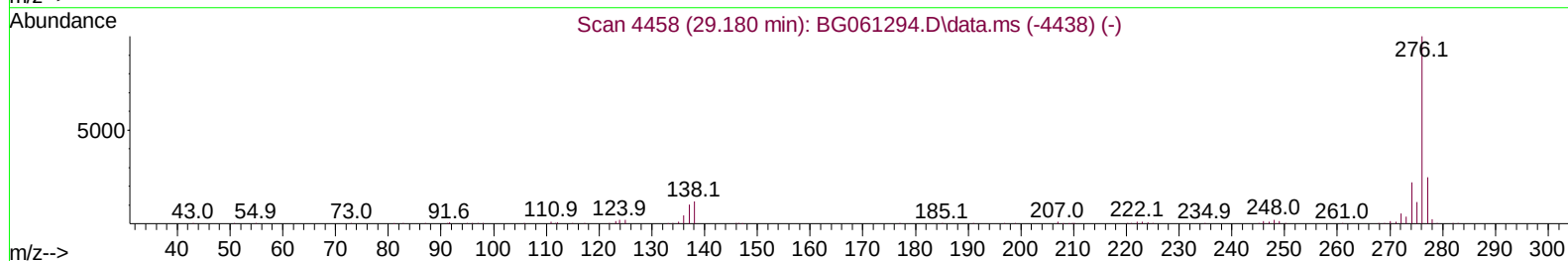
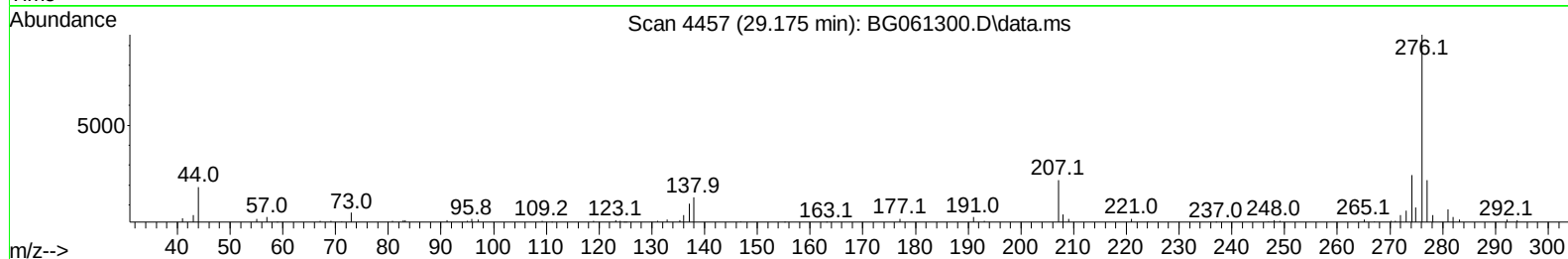
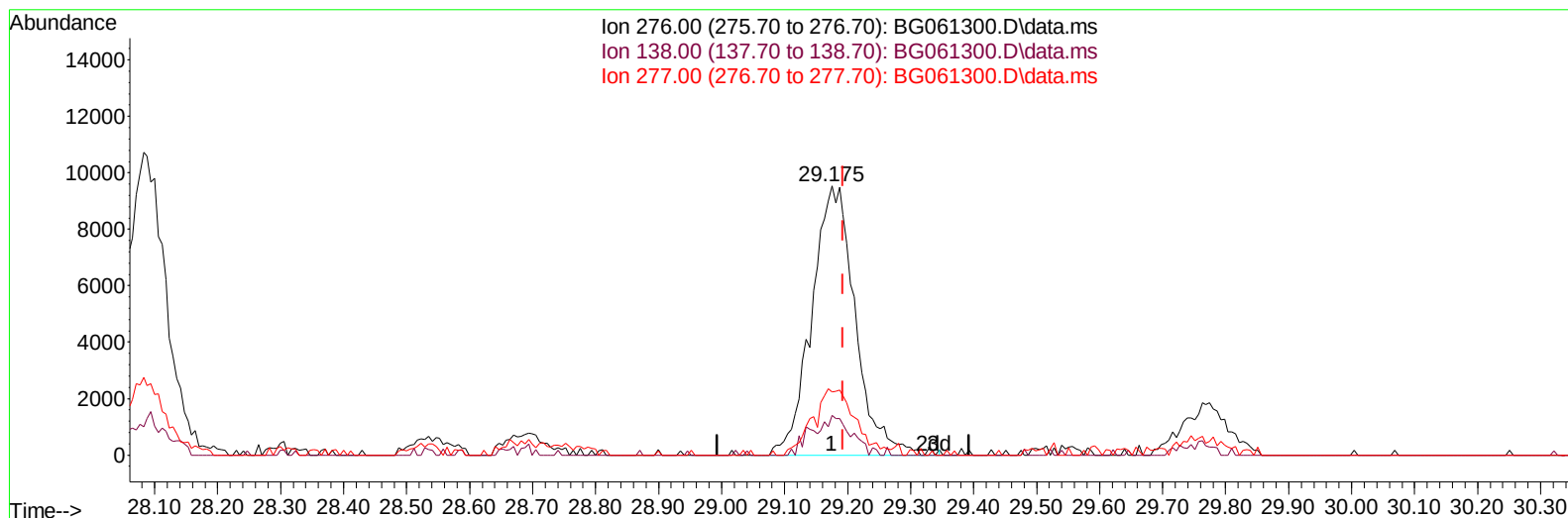
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:02:43 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 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061300.D\data.ms

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

29.175min (-0.018) 3.84 ng/ul m

response 45787

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	14.73#
277.00	22.70	23.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061300.D
 Acq On : 28 May 2024 15:15
 Operator : MA/JU
 Sample : P2568-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH638

Manual IntegrationsAPPROVED

Quant Time: May 28 16:04:09 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 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	21951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	95526	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	78253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	192134	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	190924	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	219400	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1920	4.895	ng/uL	0.00
4) Pyridine-d5	3.746	84	23699	16.983	ng/ul	0.00
7) Phenol-d5	7.060	99	42306	23.469	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	27277	24.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	33068	24.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	30859	20.076	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	18127	24.646	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	21442	24.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	41878	24.956	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	46186	21.038	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	154652	25.482	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	167783	26.591	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	16730	22.297	ng/ul	0.00
60) Fluorene-d10	15.509	176	138866	26.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	24348	20.952	ng/ul	-0.01
73) Anthracene-d10	17.366	188	223347	26.367	ng/ul	0.00
81) Pyrene-d10	19.657	212	270736	27.617	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	286843	27.194	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	34811	3.733	ng/ul	97
80) Fluoranthene	19.322	202	109628	9.322	ng/ul#	96
82) Pyrene	19.680	202	103346	8.466	ng/ul	98
83) Butylbenzylphthalate	20.574	149	7026	1.675	ng/ul	92
85) Benzo(a)anthracene	21.496	228	64457	4.893	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.414	149	27989	4.509	ng/ul	98
87) Chrysene	21.561	228	70266	5.793	ng/ul	99
90) Benzo(b)fluoranthene	23.623	252	94289	7.218	ng/ul	99
91) Benzo(k)fluoranthene	23.682	252	28315m	2.135	ng/ul	
93) Benzo(a)pyrene	24.451	252	62438	5.034	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.082	276	46200	3.080	ng/ul	97
95) Dibenzo(a,h)anthracene	28.141	278	13031m	1.054	ng/ul	
96) Benzo(g,h,i)perylene	29.175	276	45787m	3.837	ng/ul	

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

