

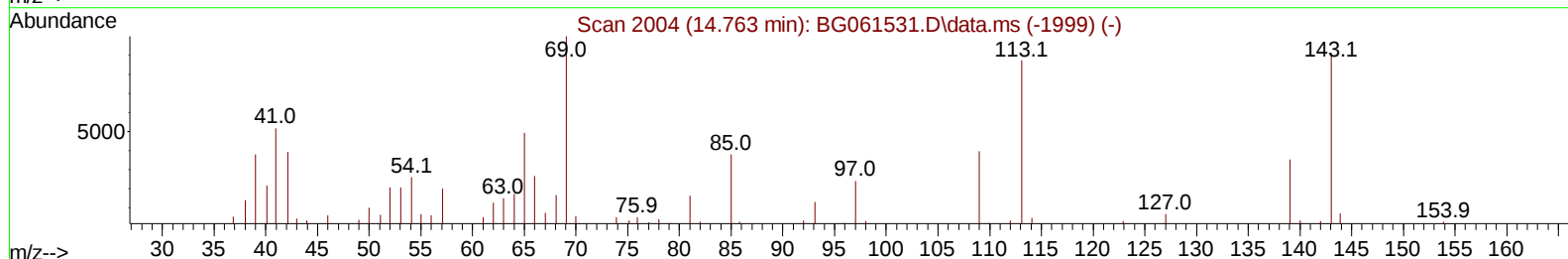
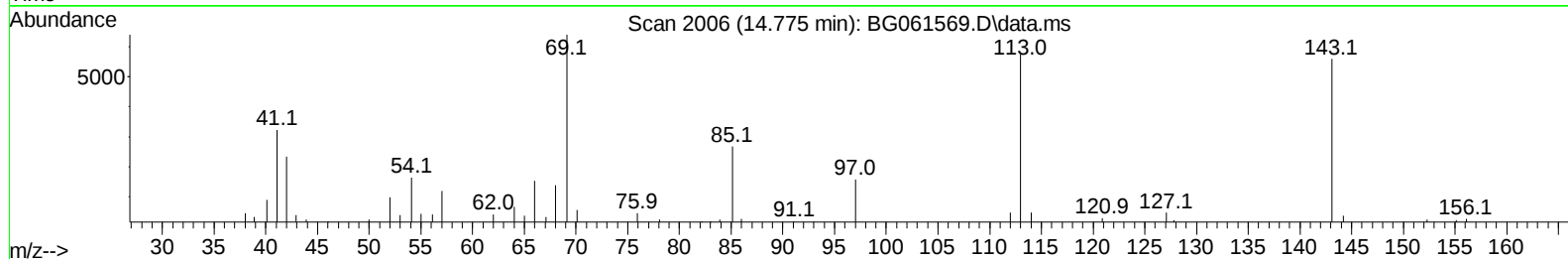
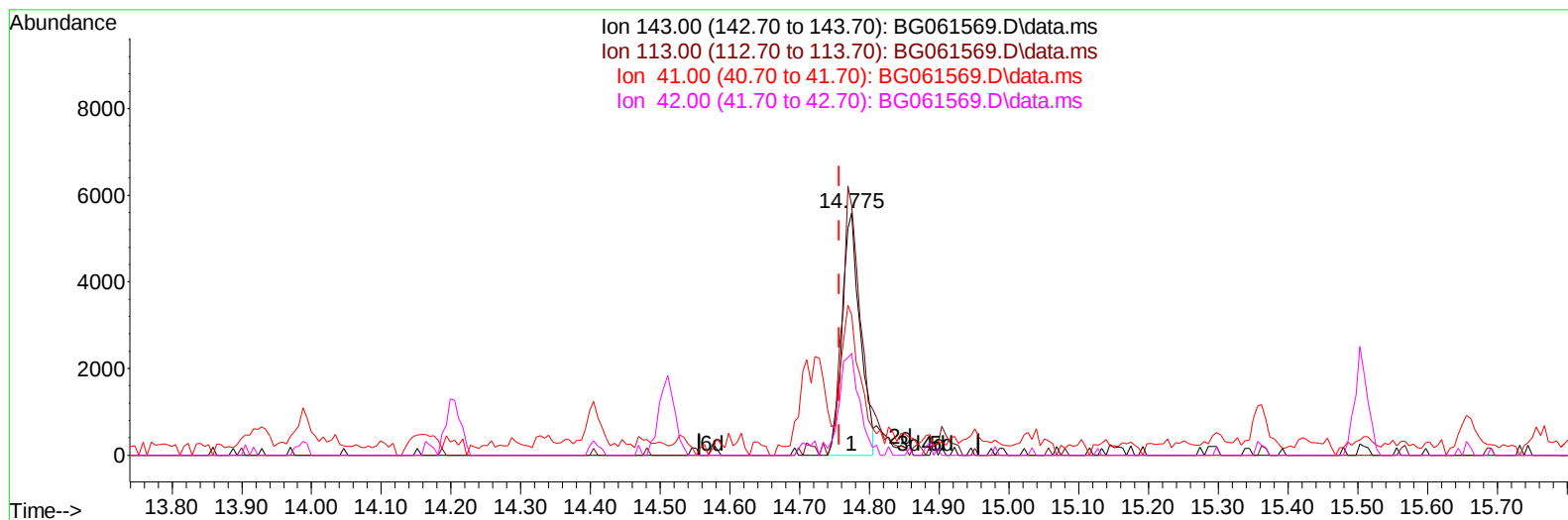
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.775min (+ 0.018) 14.17 ng/u1

response 9953

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	102.68
41.00	77.10	57.70#
42.00	49.50	41.87

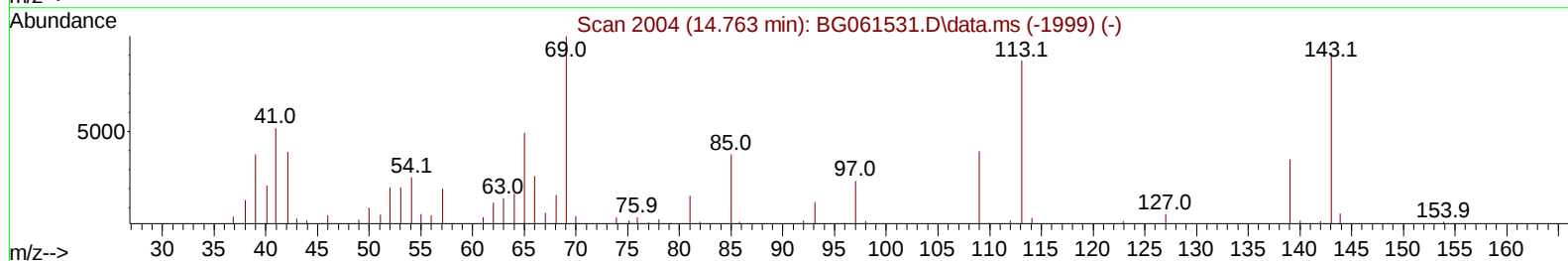
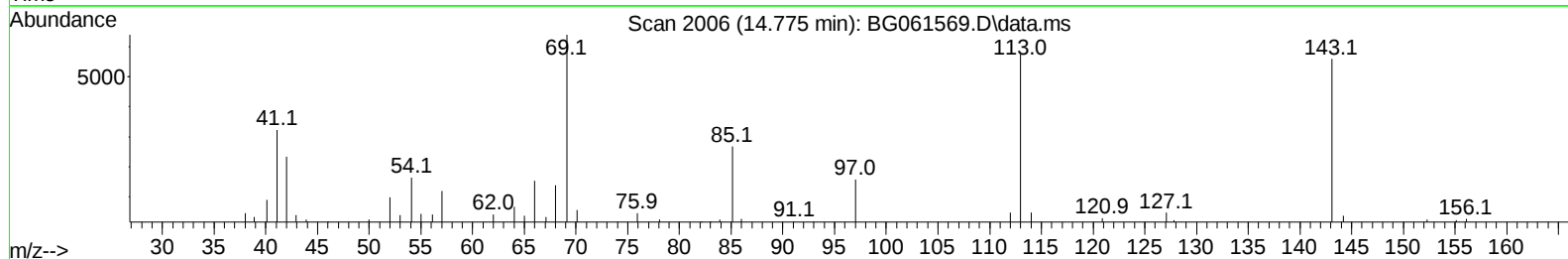
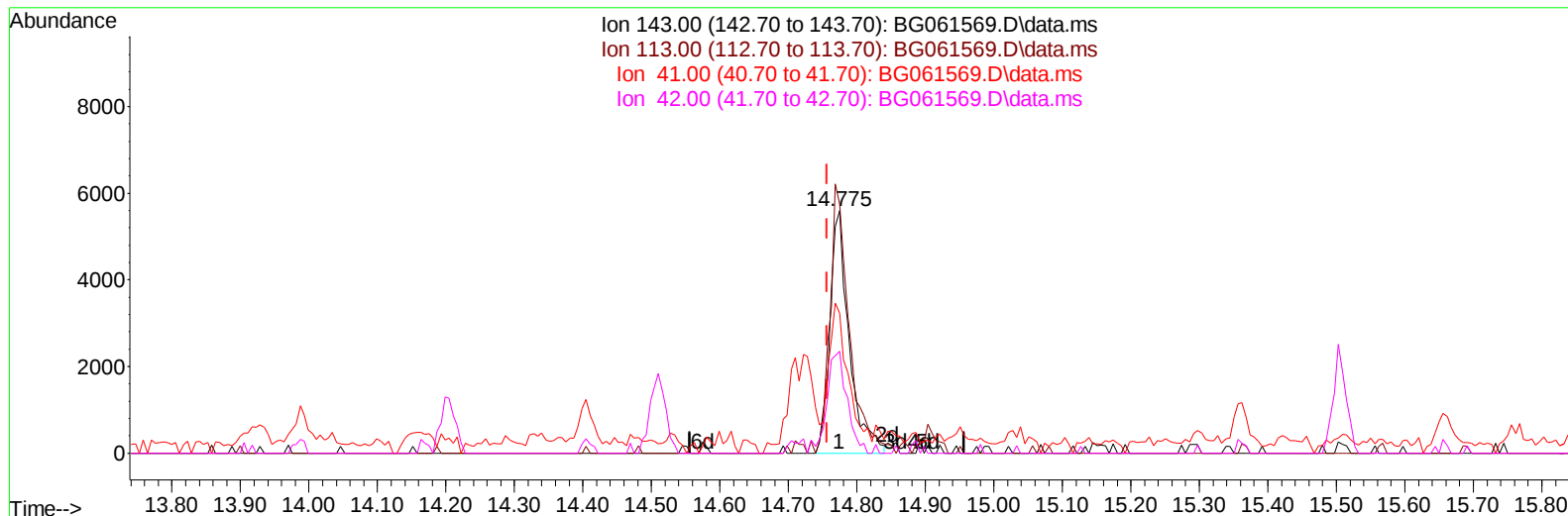
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.775min (+ 0.018) 15.41 ng/ul m

response 10819

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	102.68
41.00	77.10	57.70#
42.00	49.50	41.87

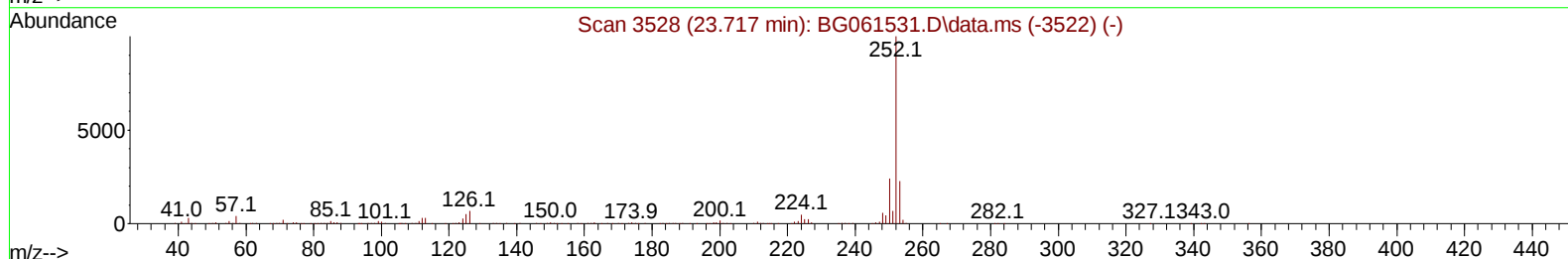
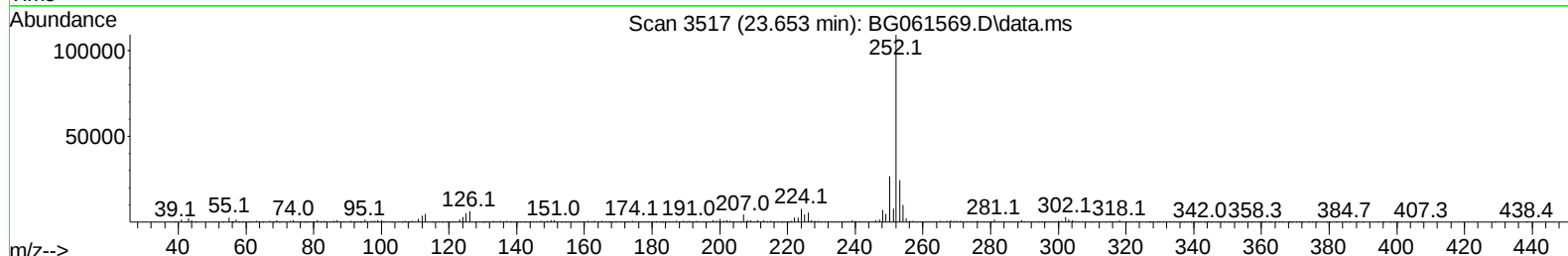
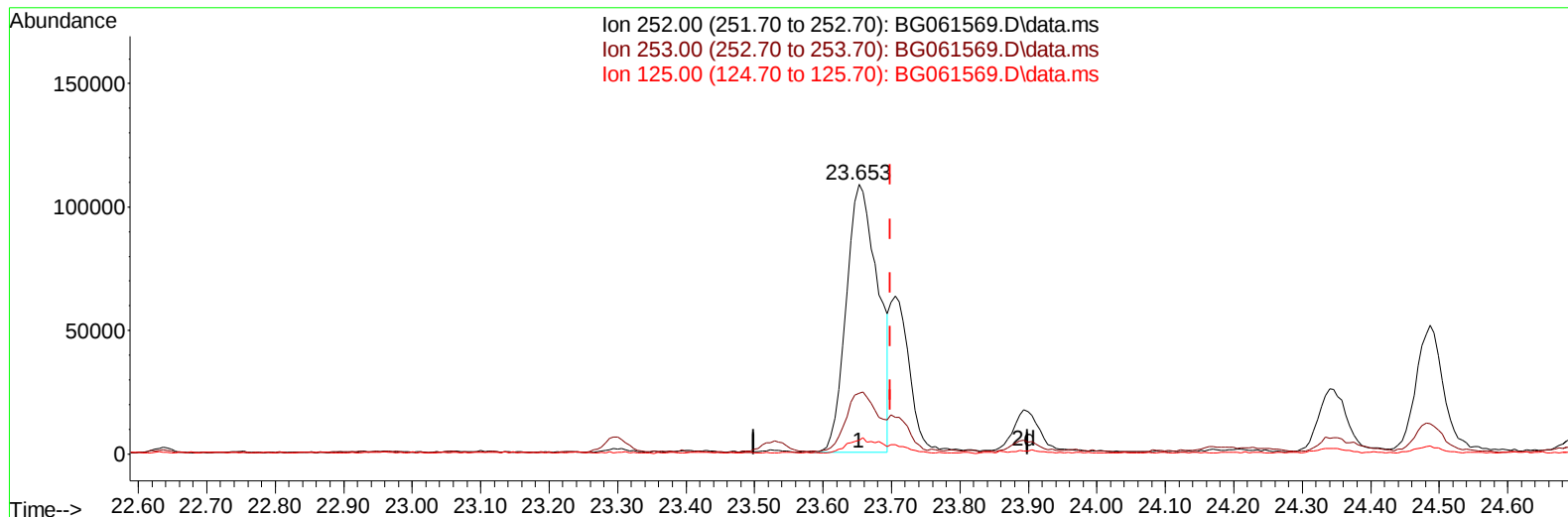
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Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:17 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(91) Benzo(k)fluoranthene

23.653min (-0.046) 28.00 ng/u1

response 350496

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.64
125.00	5.40	5.05
0.00	0.00	0.00

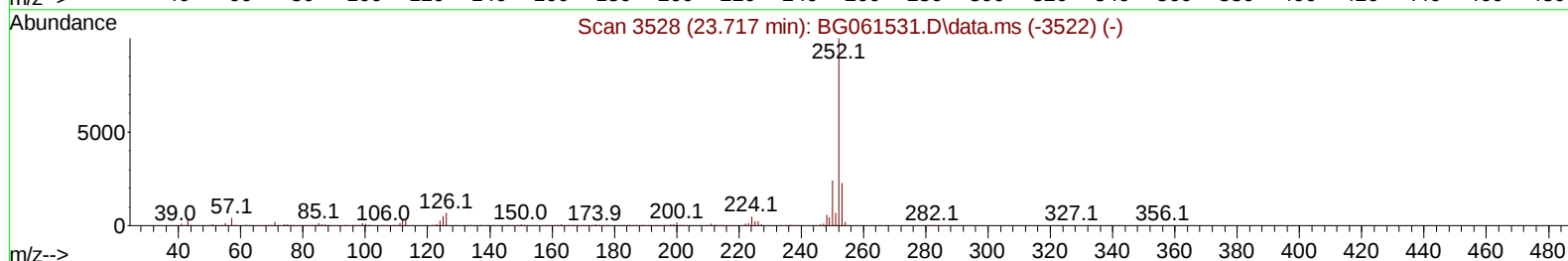
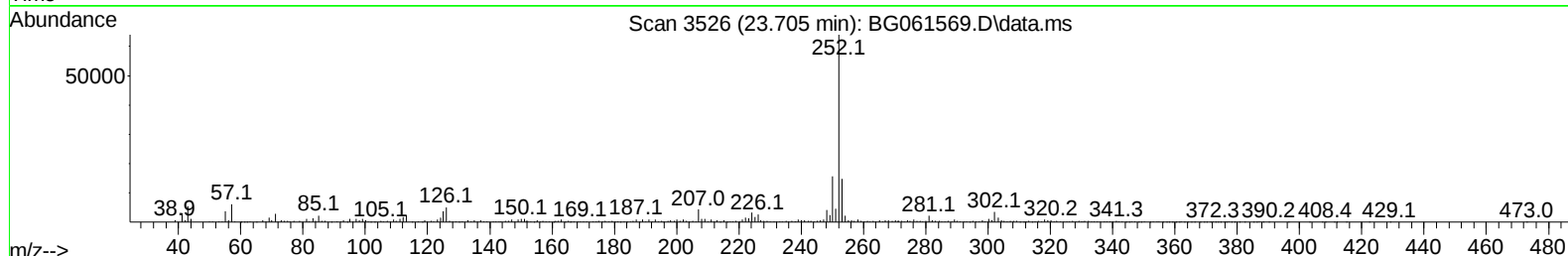
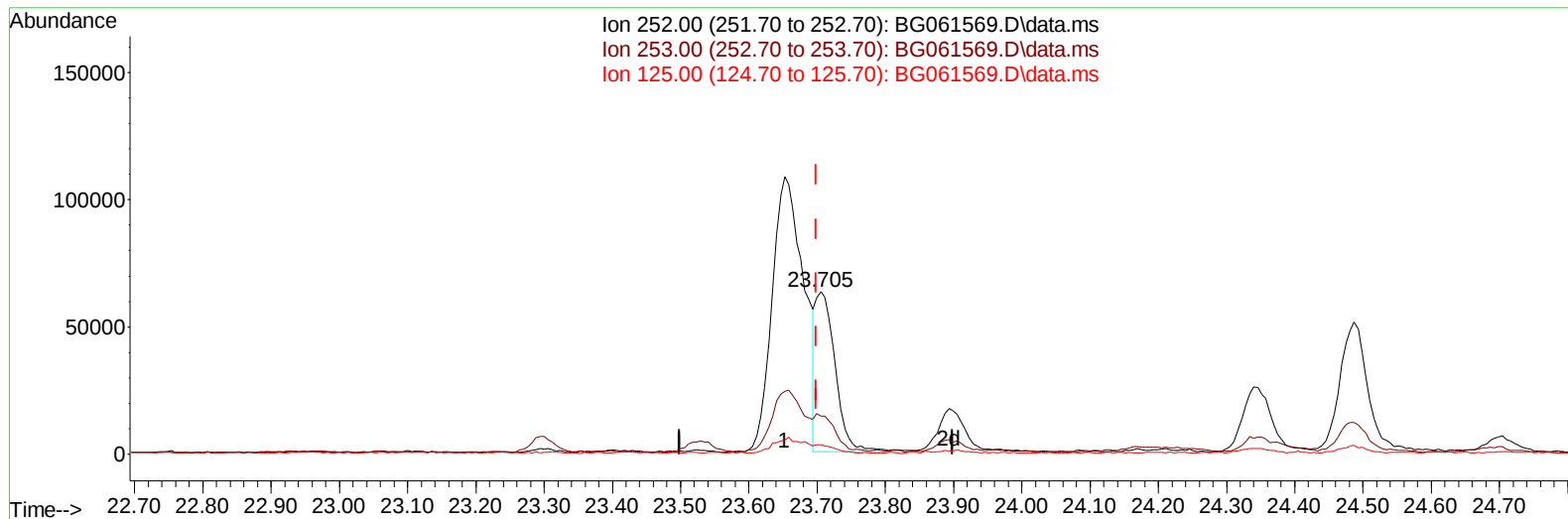
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061569.D
 Acq On : 8 Jun 2024 17:35
 Operator : MA/JU
 Sample : P2647-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(91) Benzo(k)fluoranthene

23.705min (+ 0.006) 9.87 ng/ul m

response 123482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.34
125.00	5.40	5.90
0.00	0.00	0.00

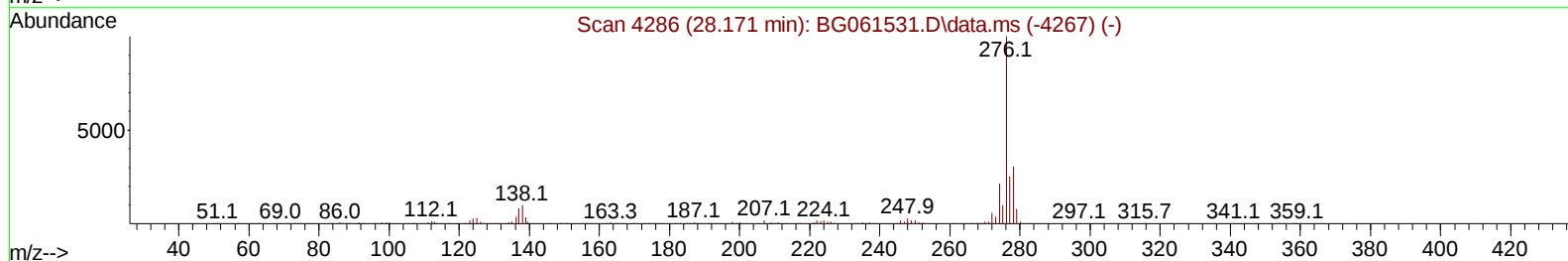
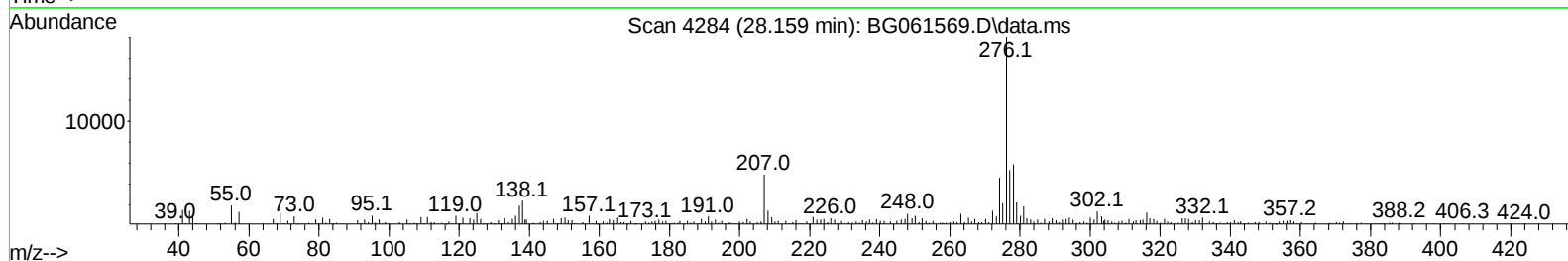
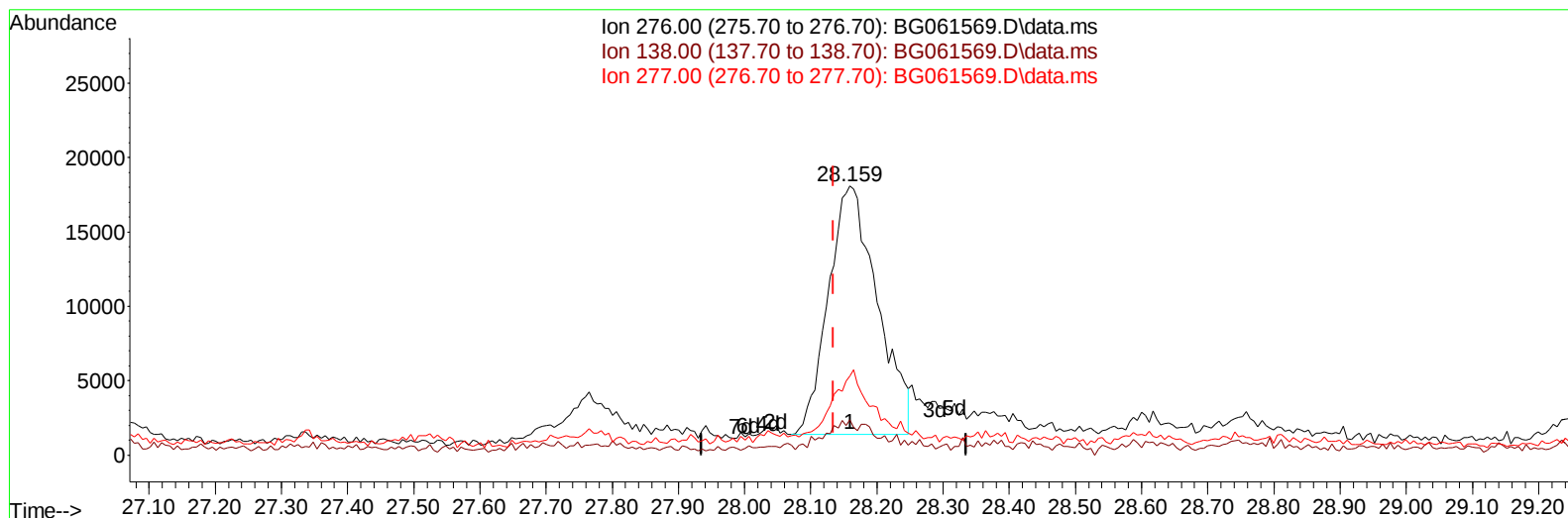
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:05:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

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

28.159min (+ 0.024) 6.05 ng/u1

response 85705

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.21#
277.00	24.60	29.34
0.00	0.00	0.00

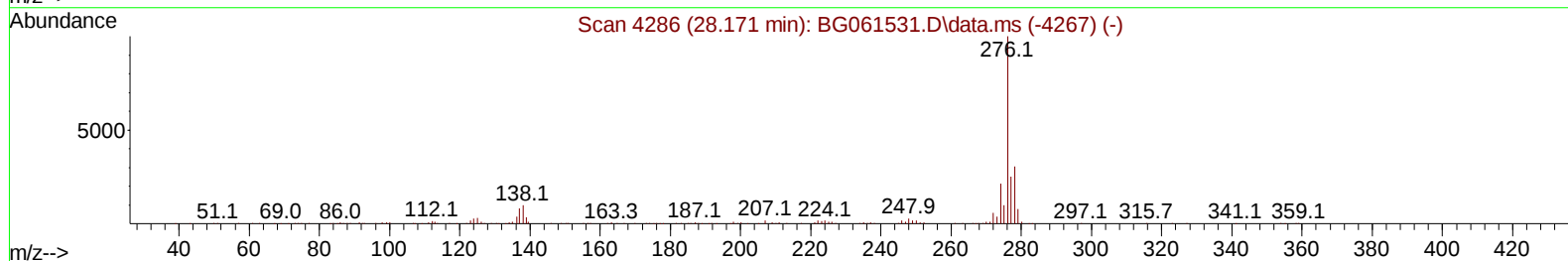
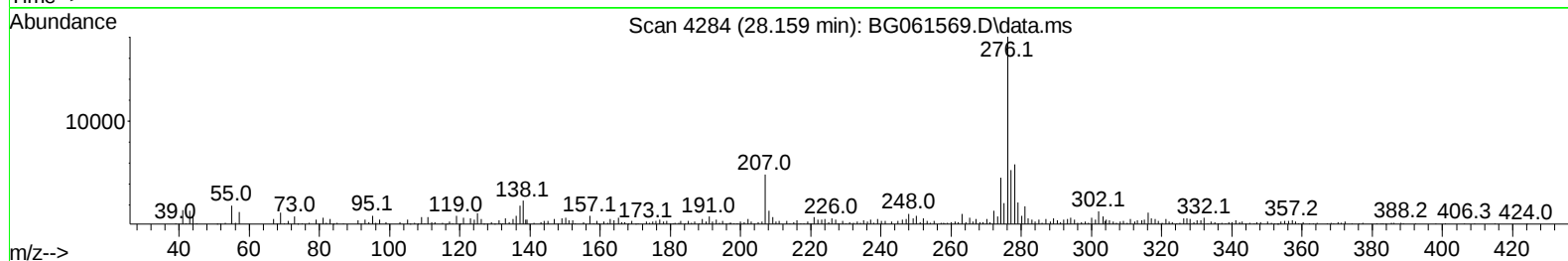
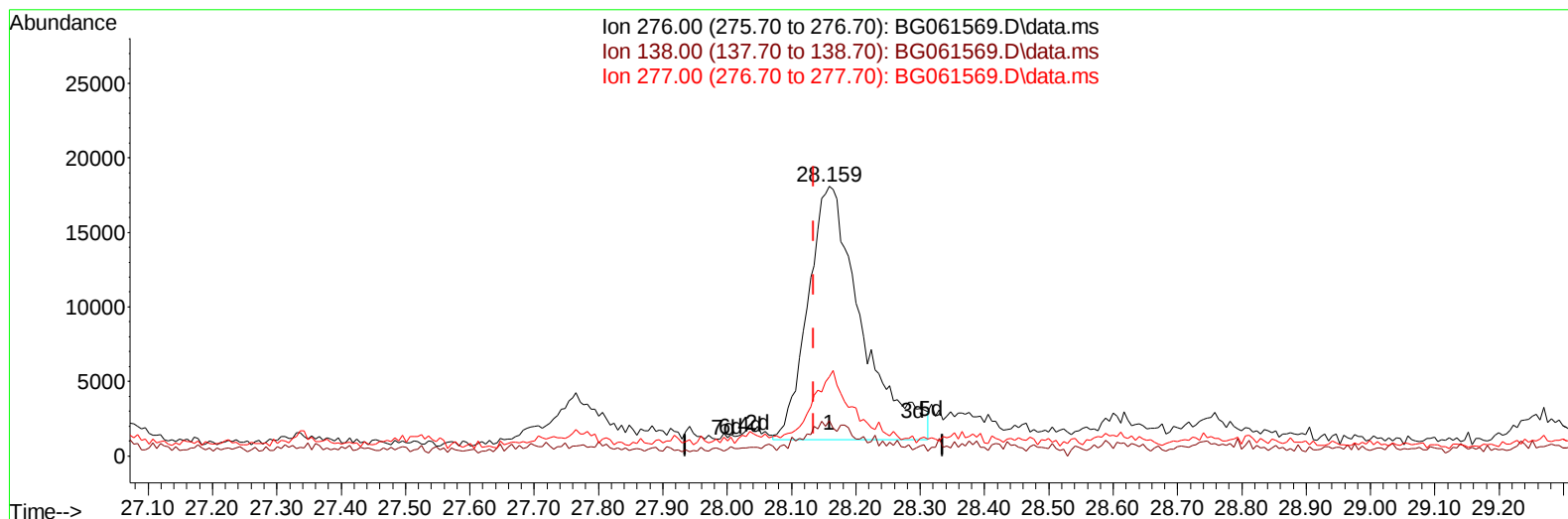
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061569.D
 Acq On : 8 Jun 2024 17:35
 Operator : MA/JU
 Sample : P2647-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:05:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

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

28.159min (+ 0.024) 6.94 ng/ul m

response 98191

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.21#
277.00	24.60	29.34
0.00	0.00	0.00

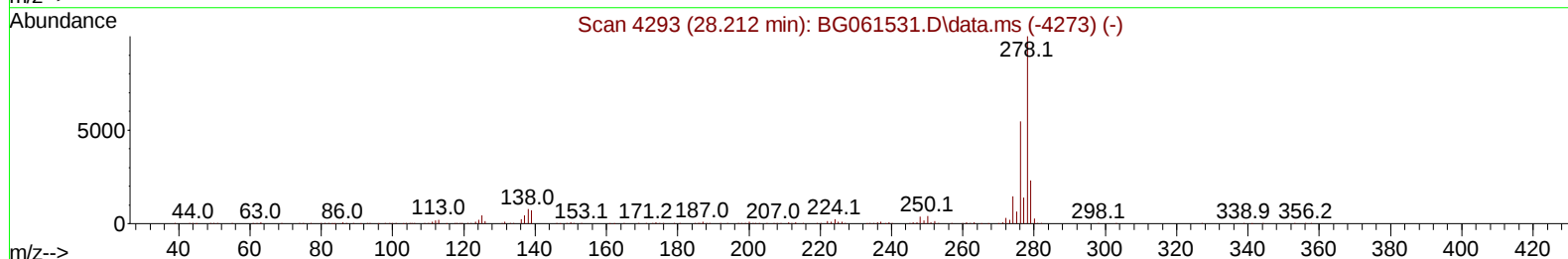
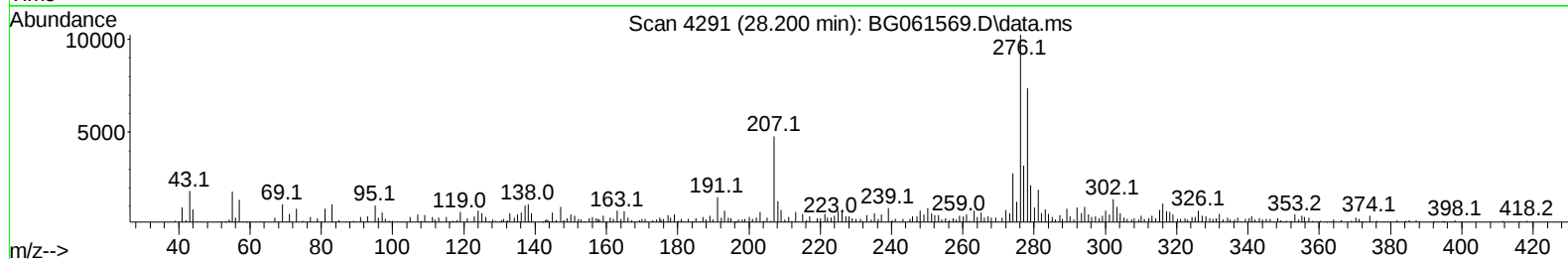
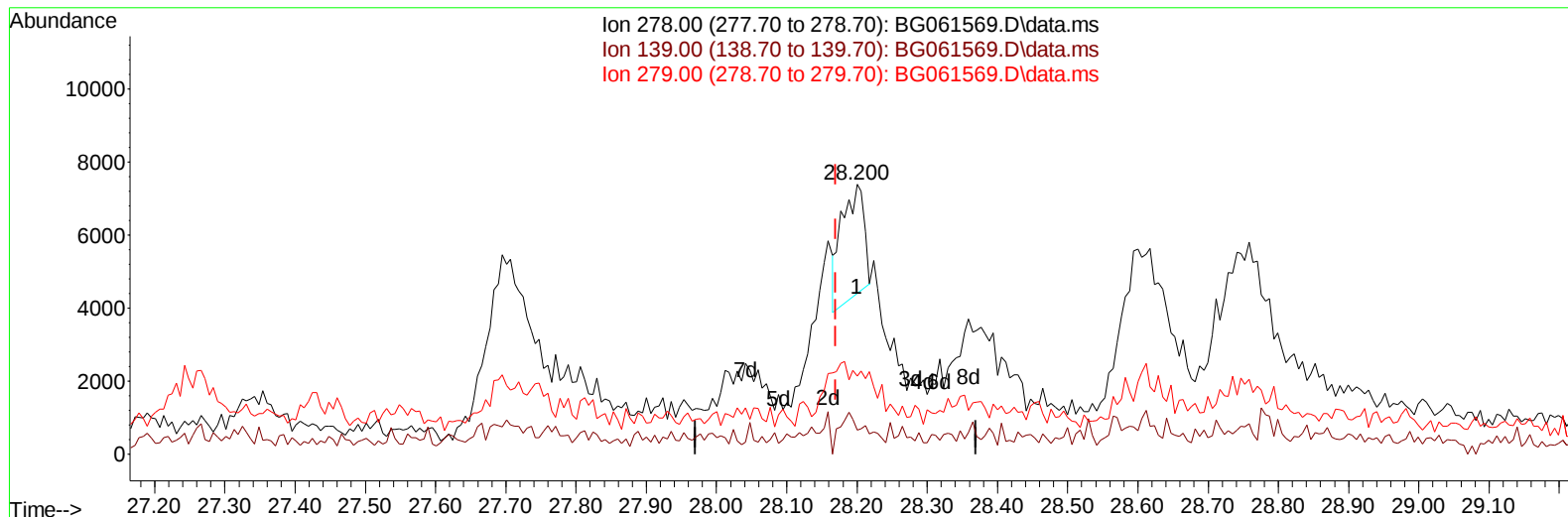
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(95) Dibenzo(a,h)anthracene

28.200min (+ 0.030) 0.58 ng/u1

response 6738

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.79
279.00	24.90	28.94
0.00	0.00	0.00

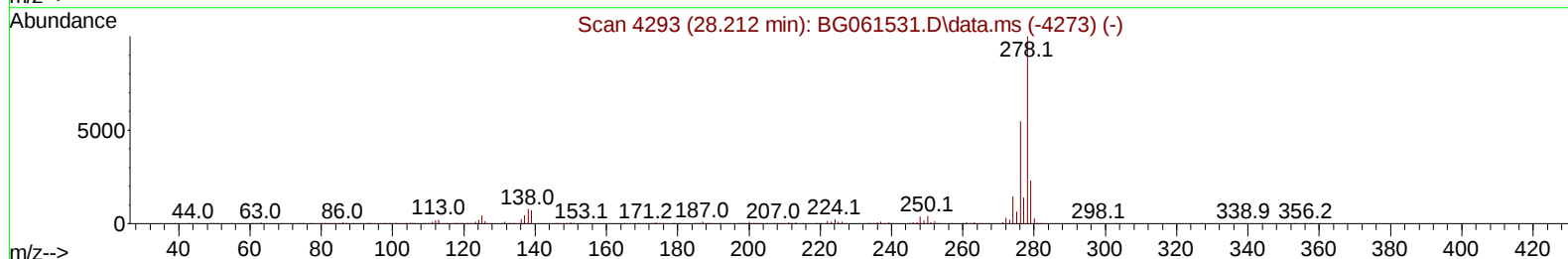
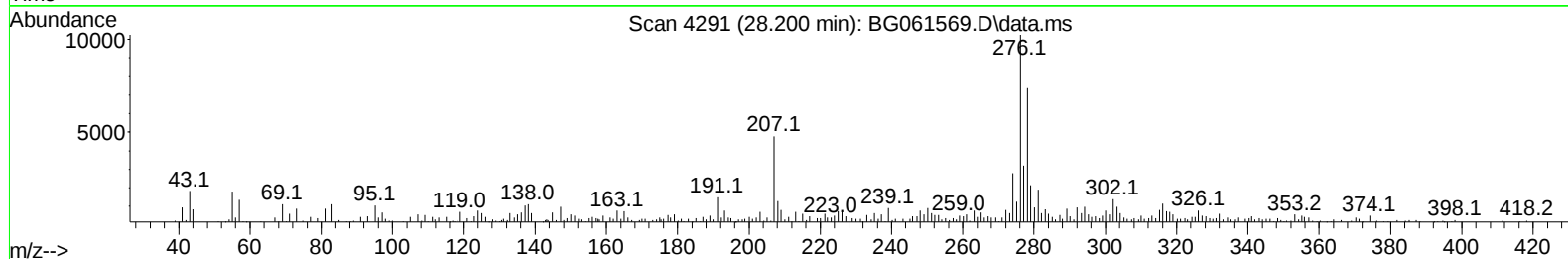
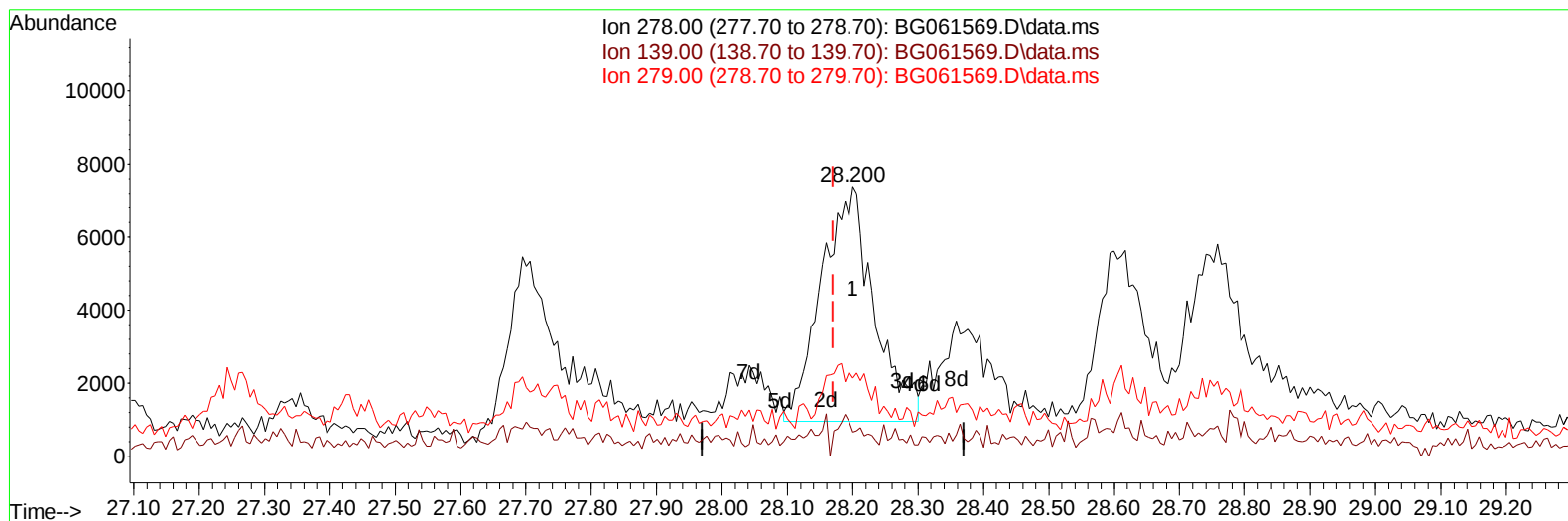
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061569.D\data.ms

(95) Dibenzo(a,h)anthracene

28.200min (+ 0.030) 3.09 ng/u1 m

response 36053

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.79
279.00	24.90	28.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061569.D
 Acq On : 8 Jun 2024 17:35
 Operator : MA/JU
 Sample : P2647-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS3

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:06:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152		26730	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136		100087	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		73239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188		171971	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240		187549	20.000	ng/ul	# 0.00
88) Perylene-d12	24.634	264		207079	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.335	96		1740	3.643	ng/uL	-0.02
4) Pyridine-d5	3.746	84		13426	7.901	ng/ul	-0.02
7) Phenol-d5	7.072	99		38917	17.729	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67		25290	18.330	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132		36272	22.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113		27798	14.852	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		17949	23.292	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143		20934	23.212	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		40226	22.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131		14427	6.272	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166		126423	22.257	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160		138284	23.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143		10819m	15.406	ng/ul	0.02
60) Fluorene-d10	15.509	176		111082	22.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200		11366	10.928	ng/ul	0.00
73) Anthracene-d10	17.366	188		188530	24.867	ng/ul	0.00
81) Pyrene-d10	19.663	212		204218	21.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264		166491	16.724	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.721	128		12181	2.306	ng/ul#	94
36) 2-Methylnaphthalene	12.330	142		6162	1.608	ng/ul	91
37) 1-Methylnaphthalene	12.548	142		5772	1.468	ng/ul#	91
52) Acenaphthene	14.575	153		7619	1.774	ng/ul	90
56) Dibenzofuran	14.910	168		9494	1.546	ng/ul	97
61) Fluorene	15.562	166		9822	1.848	ng/ul#	96
72) Phenanthrene	17.307	178		232760	27.886	ng/ul	99
74) Anthracene	17.395	178		32364	3.750	ng/ul	97
77) Carbazole	17.671	167		19033	2.711	ng/ul	98
80) Fluoranthene	19.328	202		475384	41.151	ng/ul	97
82) Pyrene	19.692	202		368500	30.731	ng/ul	97
83) Butylbenzylphthalate	20.574	149		4245	1.031	ng/ul	92
85) Benzo(a)anthracene	21.508	228		261992	20.245	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149		41324	6.777	ng/ul#	96
87) Chrysene	21.573	228		272978	22.909	ng/ul	96
90) Benzo(b)fluoranthene	23.653	252		350496	28.428	ng/ul	99
91) Benzo(k)fluoranthene	23.705	252		123482m	9.866	ng/ul	
93) Benzo(a)pyrene	24.487	252		135041	11.534	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.159	276		98191m	6.935	ng/ul	
95) Dibenzo(a,h)anthracene	28.200	278		36053m	3.088	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BHBS3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/10/2024

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