

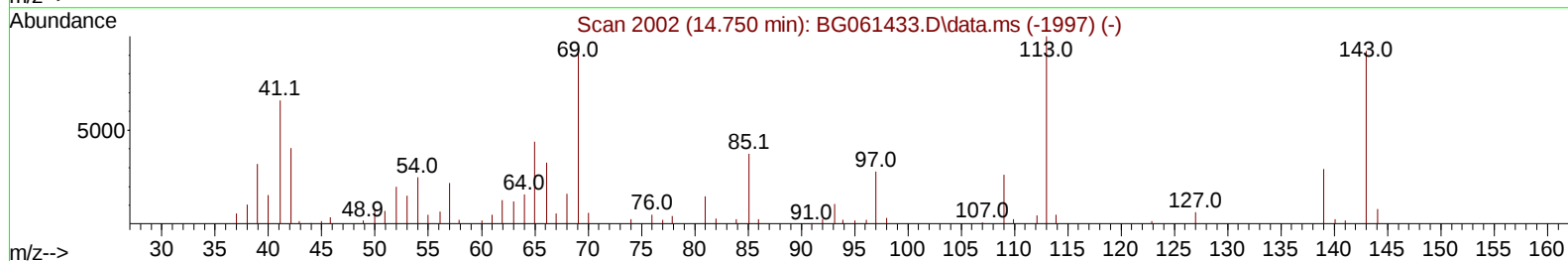
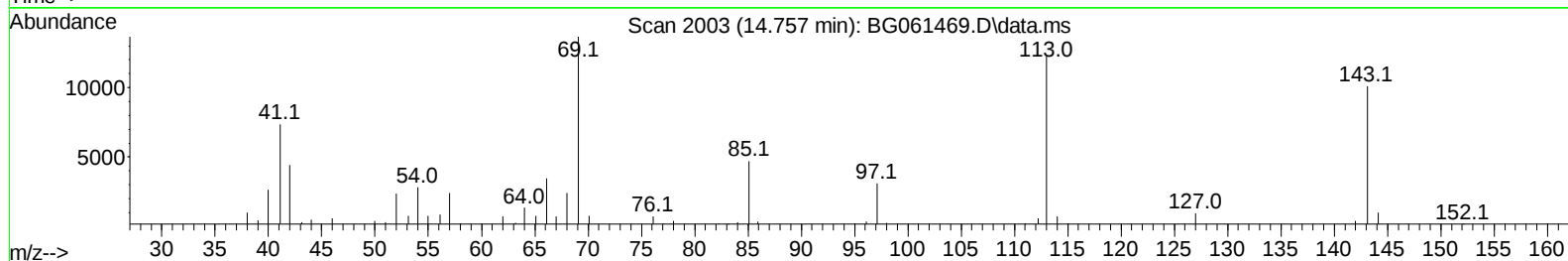
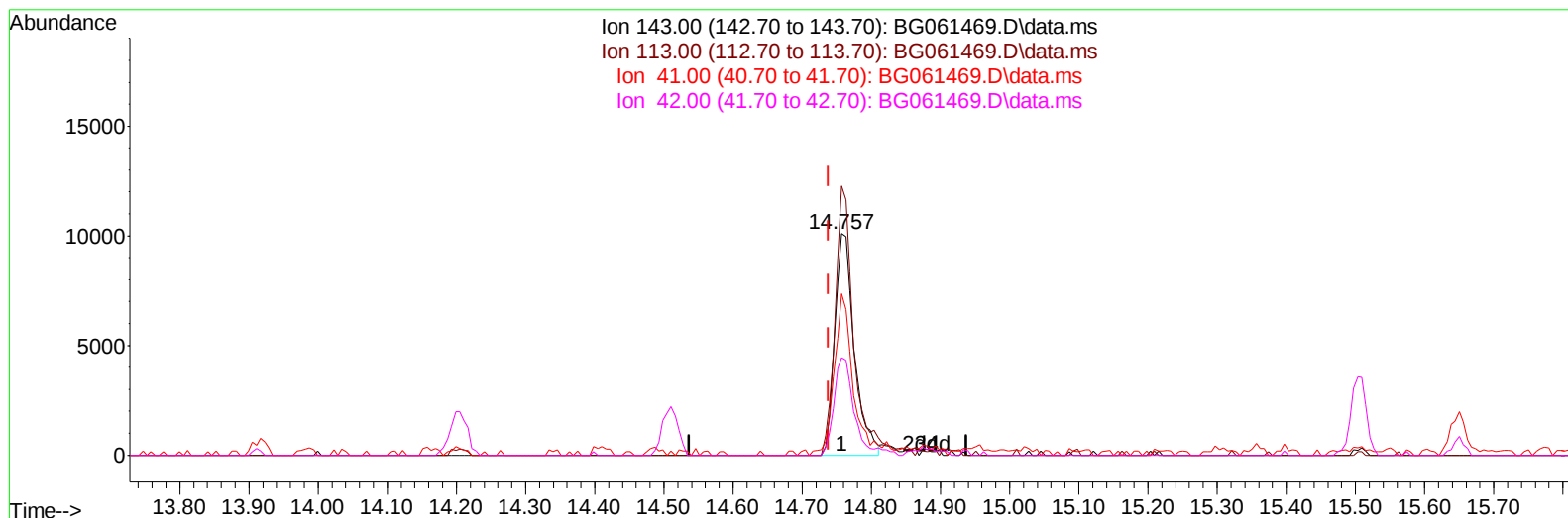
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:00:21 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061469.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (+ 0.019) 22.43 ng/u1

response 19744

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	121.23
41.00	77.10	72.74
42.00	49.50	43.93

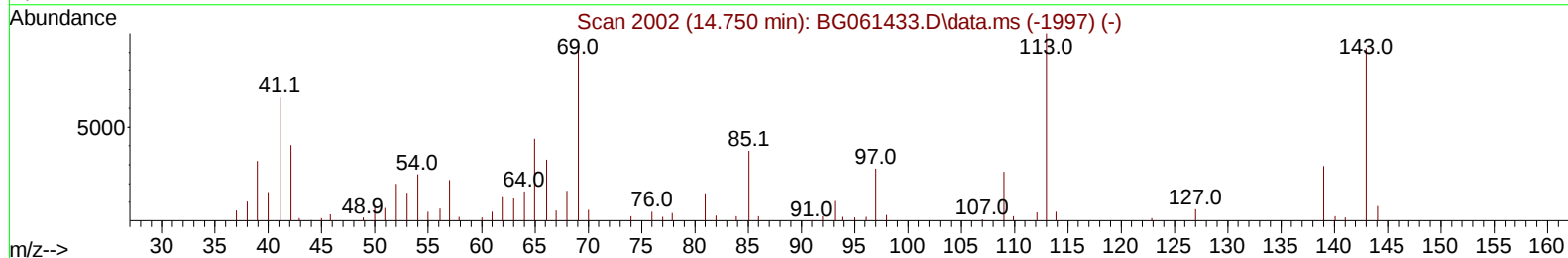
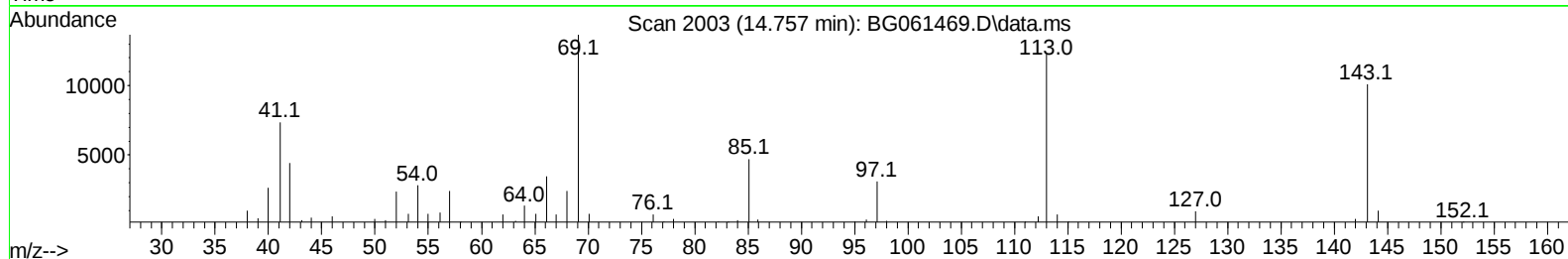
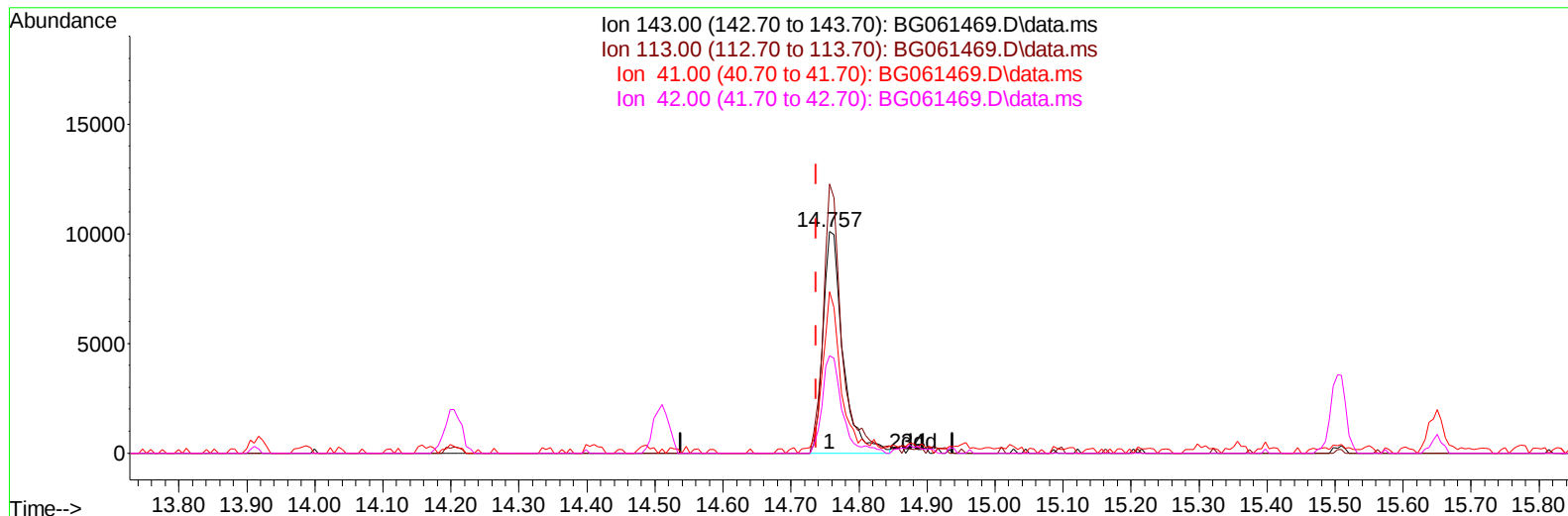
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:00:21 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061469.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (+ 0.019) 23.24 ng/ul m

response 20454

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	121.23
41.00	77.10	72.74
42.00	49.50	43.93

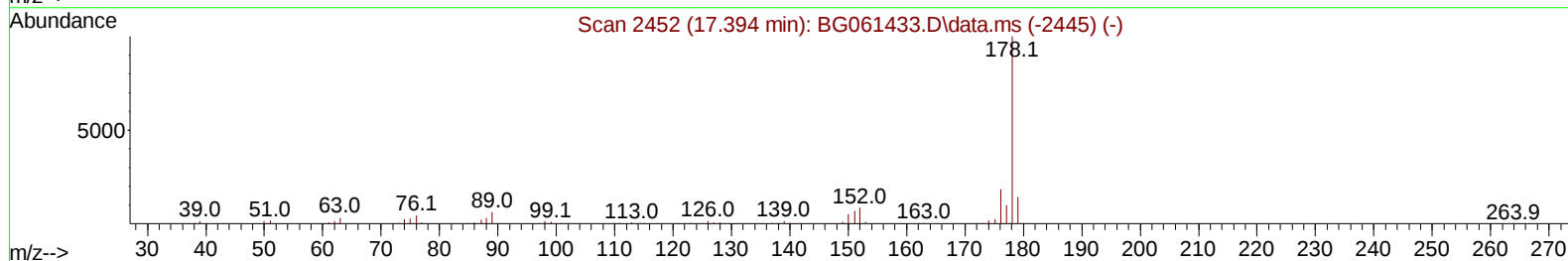
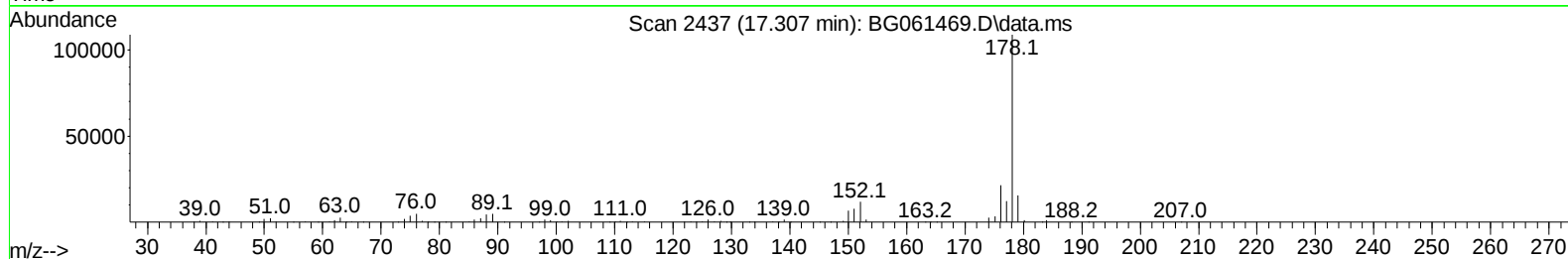
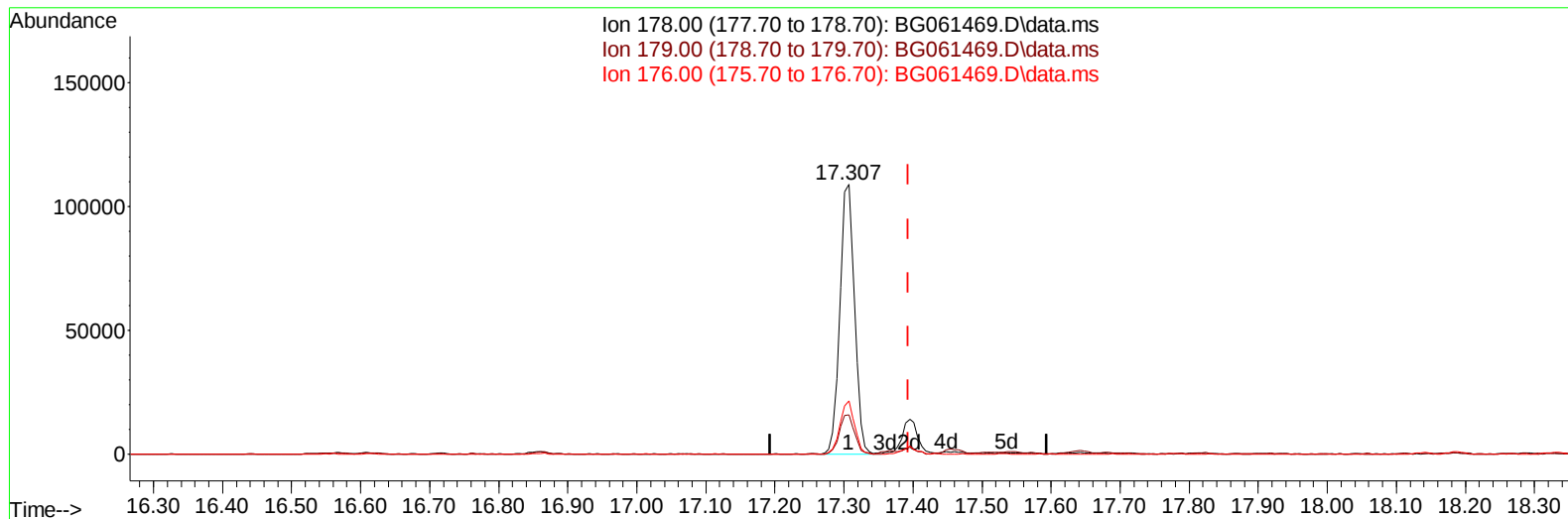
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:23 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: BG061469.D\data.ms

(74) Anthracene

17.307min (-0.086) 15.47 ng/u1

response 160038

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	14.50
176.00	18.60	19.65
0.00	0.00	0.00

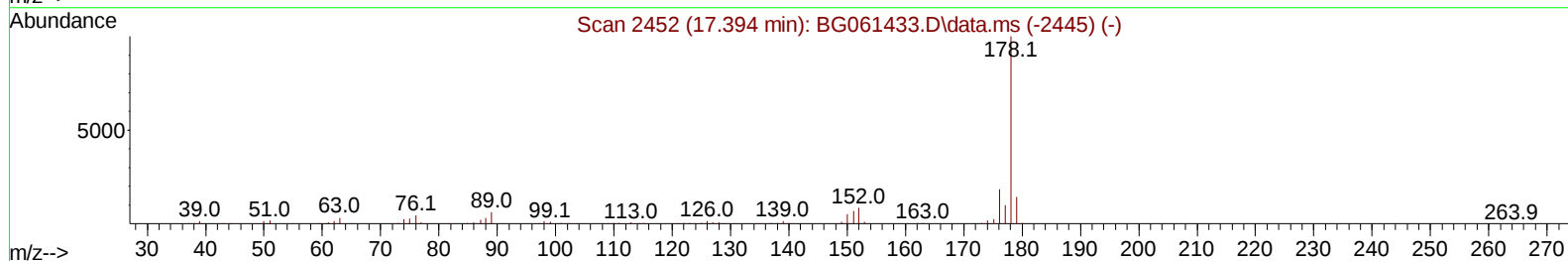
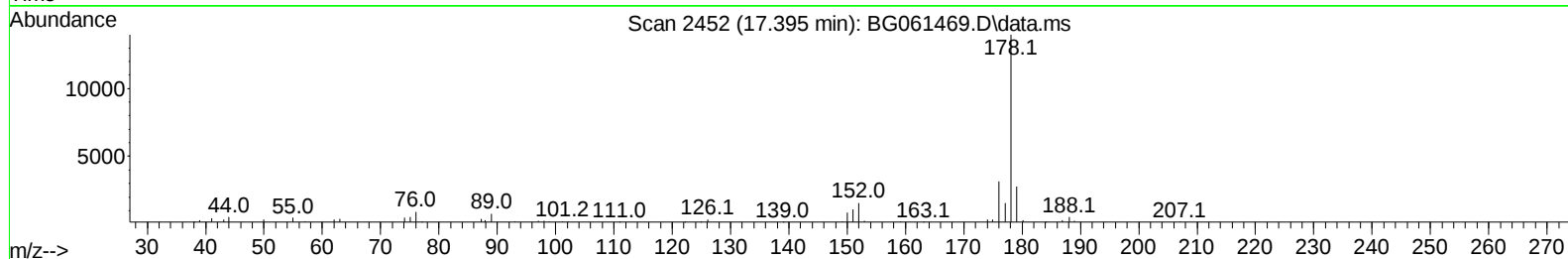
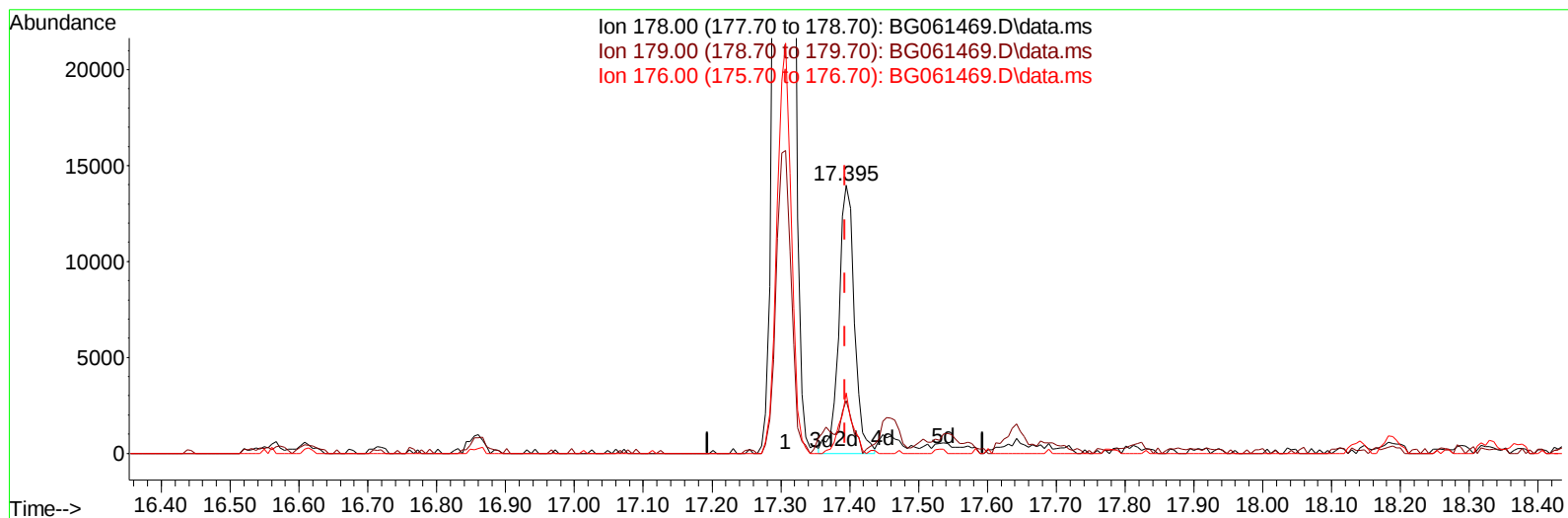
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061469.D\data.ms

(74) Anthracene

17.395min (+ 0.002) 2.13 ng/u1 m

response 22018

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	19.70#
176.00	18.60	22.60#
0.00	0.00	0.00

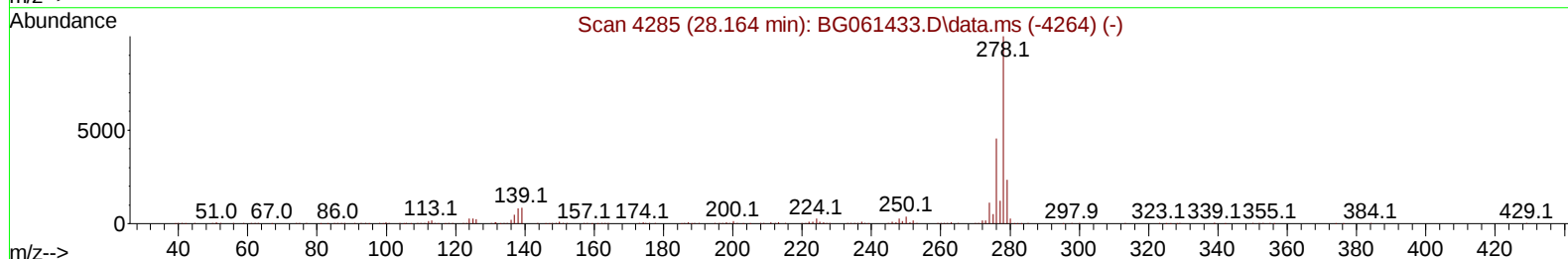
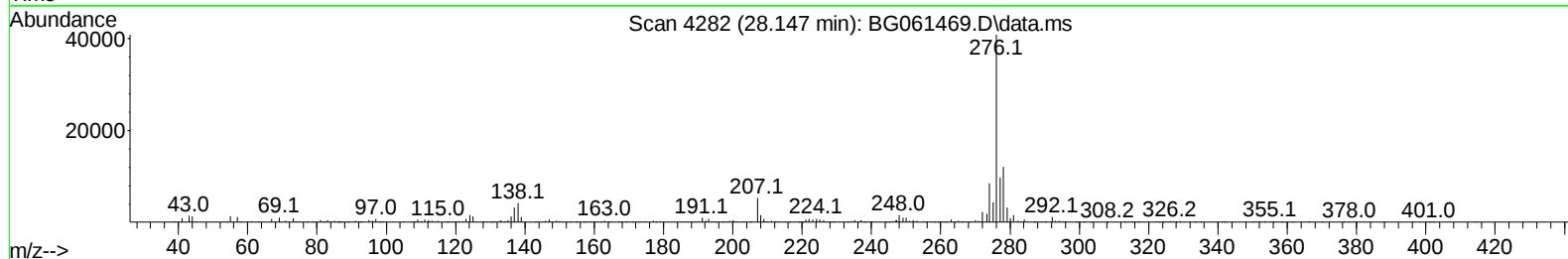
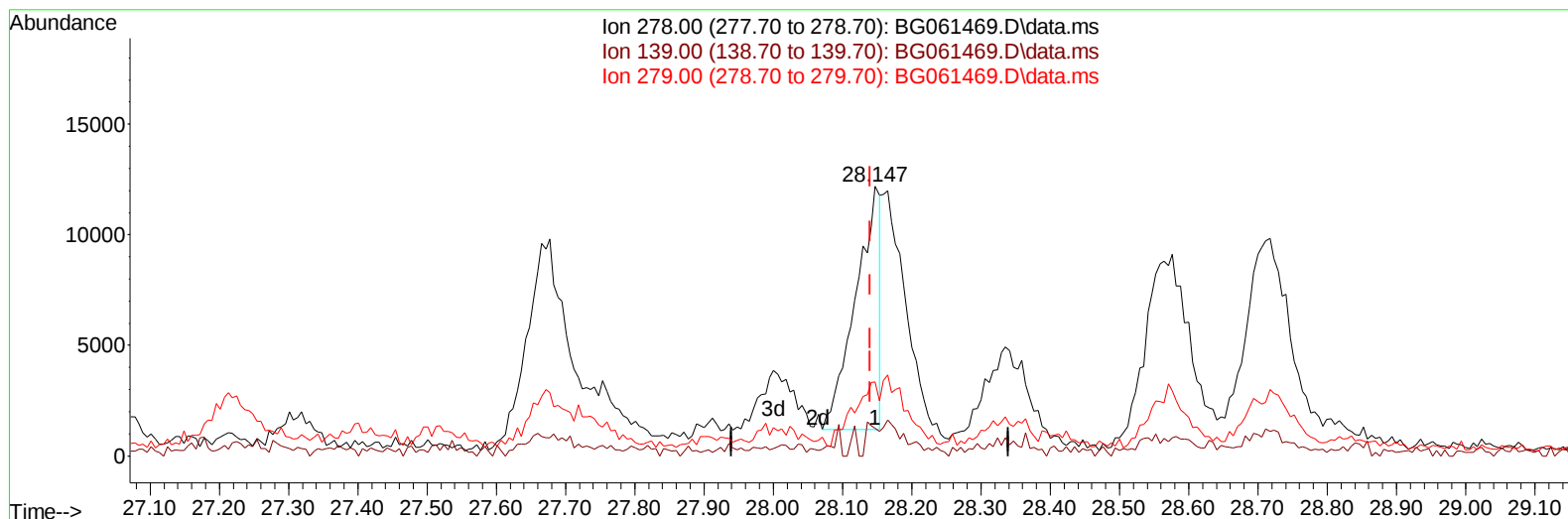
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061469.D
 Acq On : 5 Jun 2024 00:28
 Operator : MA/JU
 Sample : P2590-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:55 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061469.D\data.ms

(95) Dibenzo(a,h)anthracene

28.147min (+ 0.008) 1.80 ng/u1

response 27116

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.17#
279.00	24.90	27.56
0.00	0.00	0.00

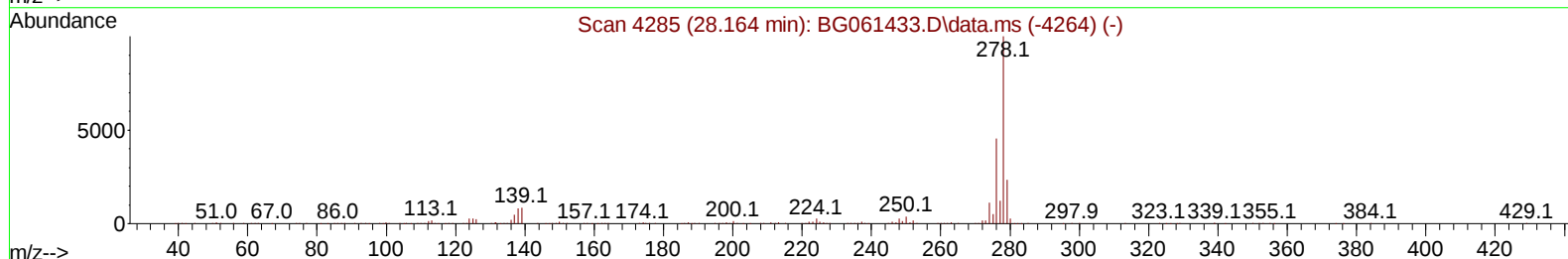
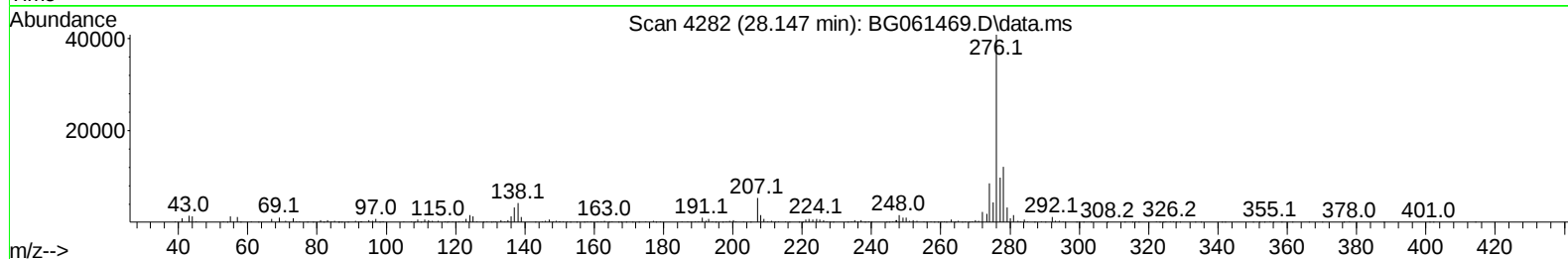
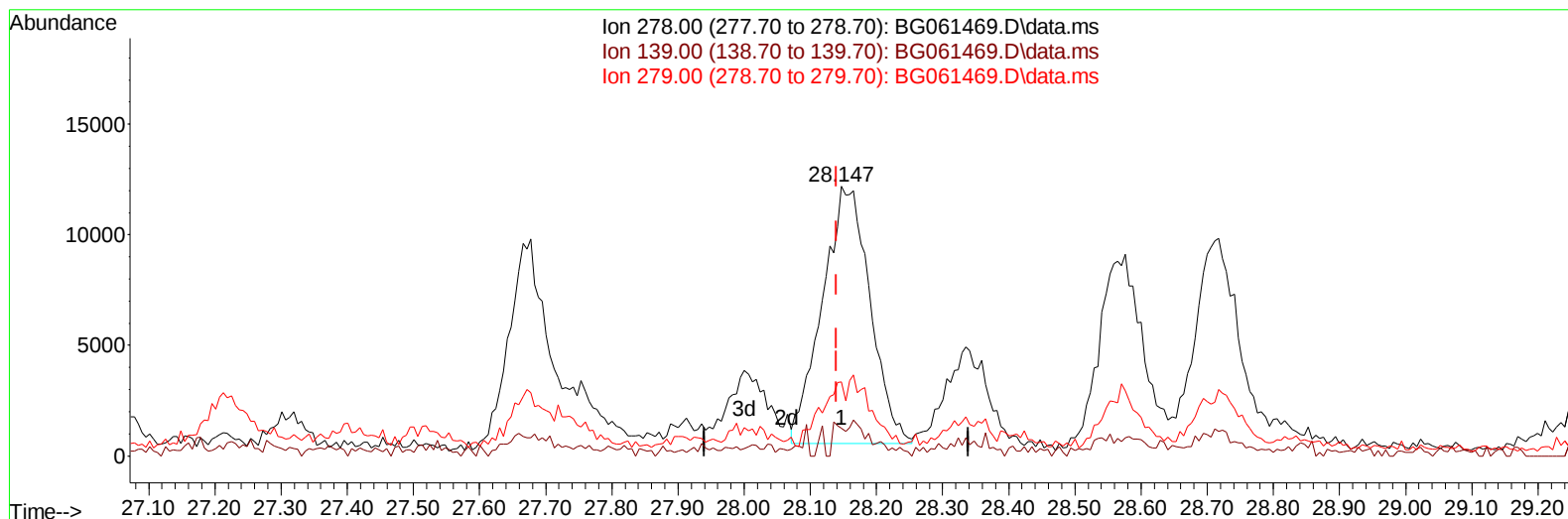
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:55 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 06/05/2024
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TIC: BG061469.D\data.ms

(95) Dibenzo(a,h)anthracene

28.147min (+ 0.008) 3.88 ng/ul m

response 58283

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.17#
279.00	24.90	27.56
0.00	0.00	0.00

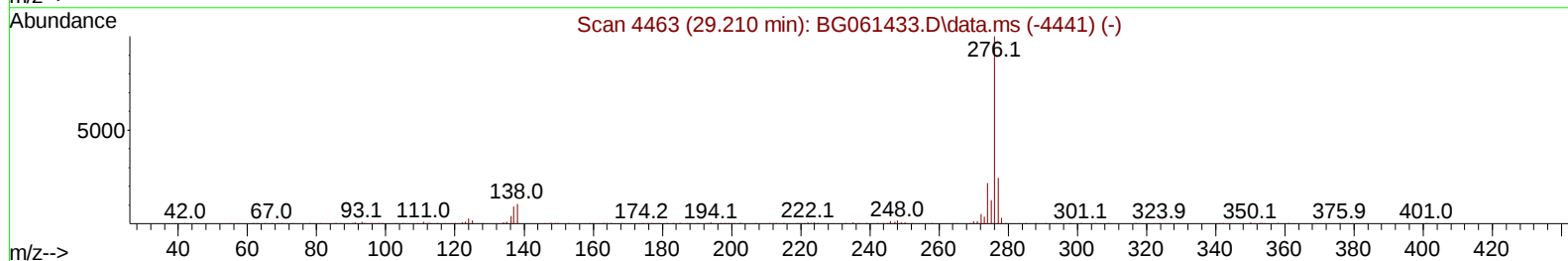
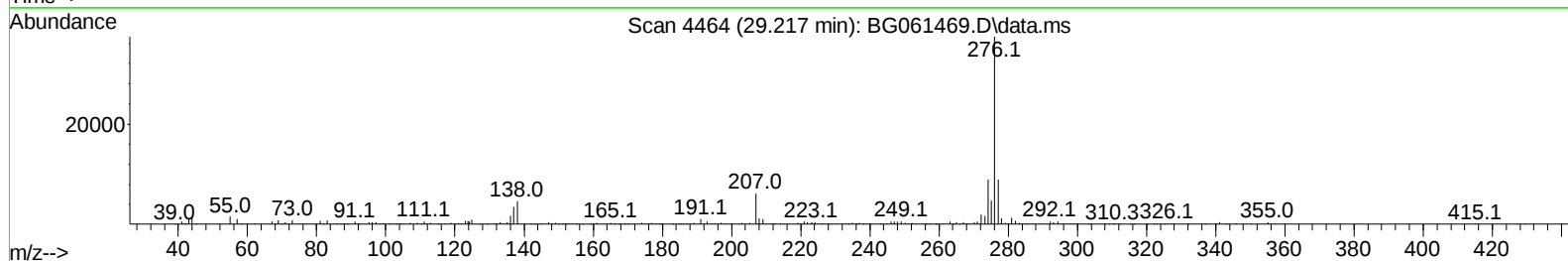
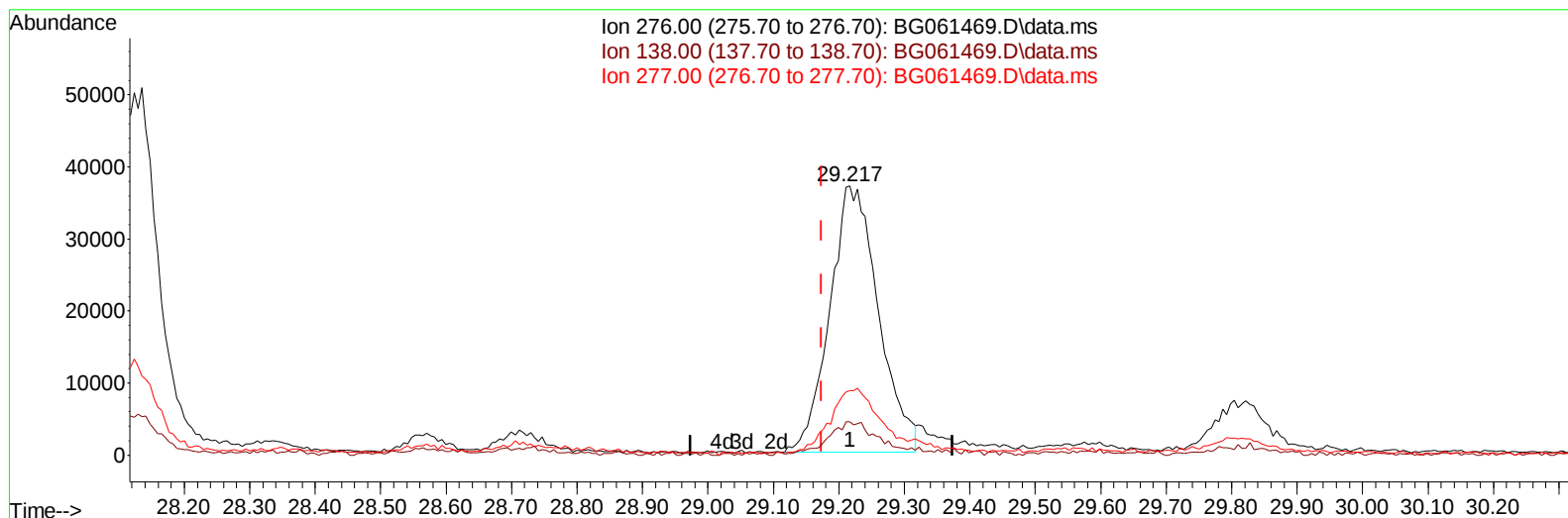
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:55 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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Reviewed By :Jagrut Upadhyay 06/05/2024
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TIC: BG061469.D\data.ms

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

29.217min (+ 0.043) 13.20 ng/u1

response 191311

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.49
277.00	22.70	23.88
0.00	0.00	0.00

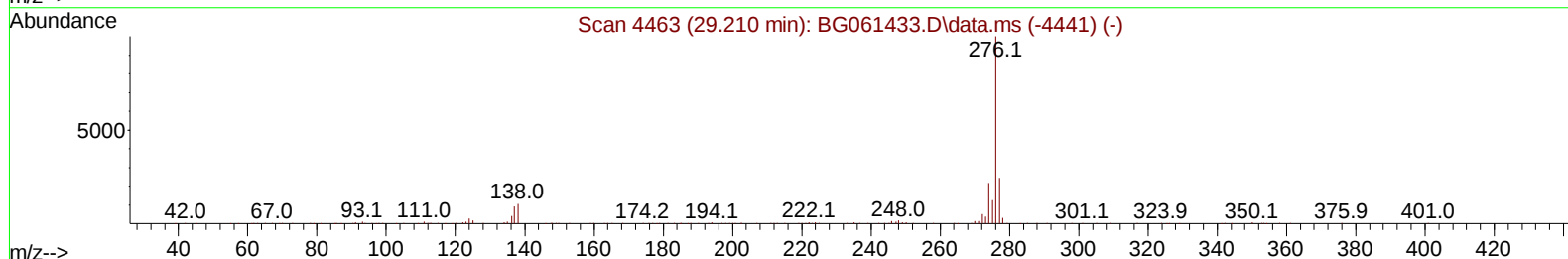
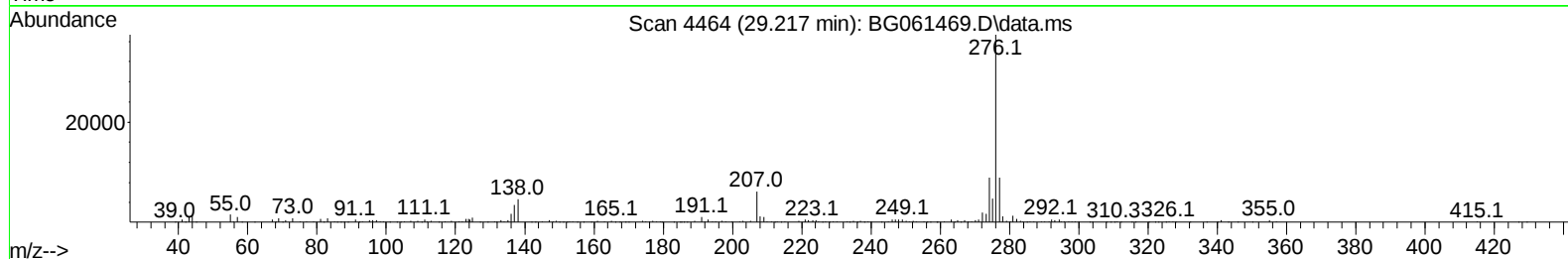
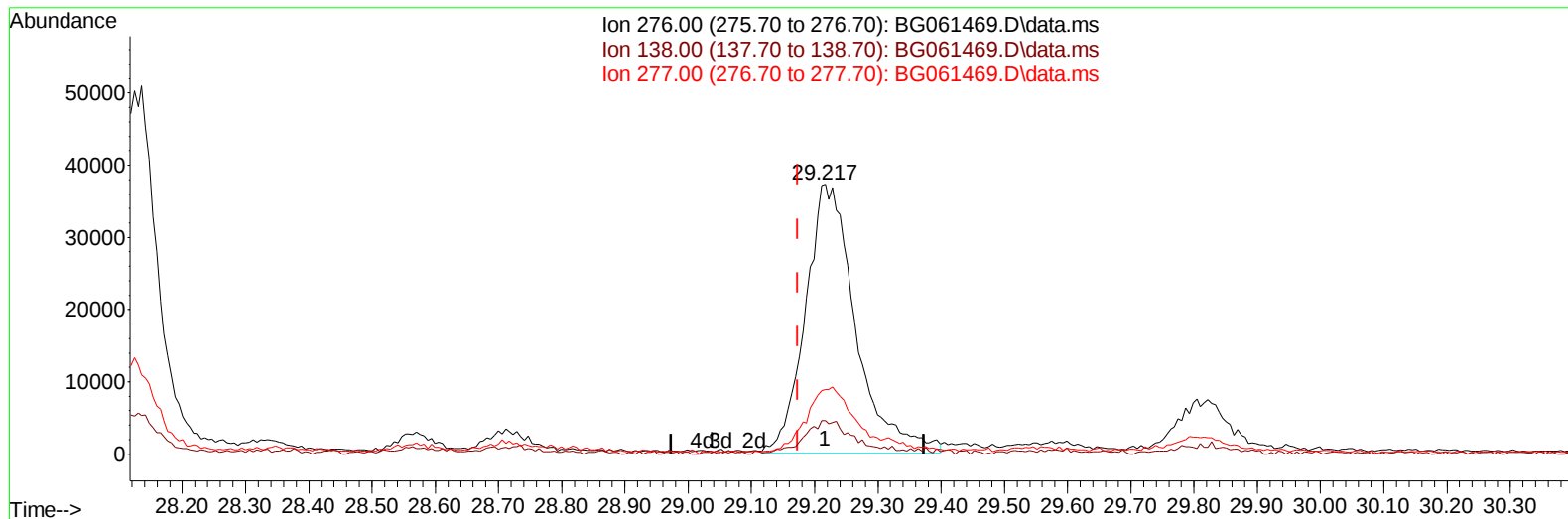
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:01:55 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: BG061469.D\data.ms

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

29.217min (+ 0.043) 14.21 ng/ul m

response 205983

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.49
277.00	22.70	23.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061469.D
 Acq On : 5 Jun 2024 00:28
 Operator : MA/JU
 Sample : P2590-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:02:52 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.877	152		33741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136		132441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		91791	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188		206082	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240		231457	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264		266494	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96		2236	3.709	ng/uL	0.00
4) Pyridine-d5	3.741	84		13679	6.377	ng/ul	0.00
7) Phenol-d5	7.066	99		60993	22.013	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67		40019	22.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132		47698	23.260	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113		51008	21.589	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		27479	26.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143		32520	27.250	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		63327	27.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131		21445	7.045	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166		206577	29.017	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160		210850	28.488	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143		20454m	23.239	ng/ul	0.02
60) Fluorene-d10	15.509	176		180193	29.317	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200		28981	23.251	ng/ul	0.01
73) Anthracene-d10	17.360	188		281391	30.971	ng/ul	0.00
81) Pyrene-d10	19.657	212		385448	32.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264		458401	35.779	ng/ul	0.02
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.013	77		1576	1.088	ng/ul#	87
72) Phenanthrene	17.307	178		160038	16.000	ng/ul	98
74) Anthracene	17.395	178		22018m	2.129	ng/ul	
77) Carbazole	17.671	167		13235	1.573	ng/ul	98
80) Fluoranthene	19.322	202		495117	34.729	ng/ul	100
82) Pyrene	19.687	202		470621	31.802	ng/ul	99
83) Butylbenzylphthalate	20.574	149		23129	4.550	ng/ul#	94
85) Benzo(a)anthracene	21.502	228		294488	18.439	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.408	149		109232	14.516	ng/ul#	99
87) Chrysene	21.567	228		327214	22.251	ng/ul	98
90) Benzo(b)fluoranthene	23.641	252		453875	28.605	ng/ul	100
91) Benzo(k)fluoranthene	23.694	252		159449	9.899	ng/ul	95
93) Benzo(a)pyrene	24.469	252		311714	20.689	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.136	276		224121	12.301	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.147	278		58283m	3.879	ng/ul	
96) Benzo(g,h,i)perylene	29.217	276		205983m	14.211	ng/ul	

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

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