

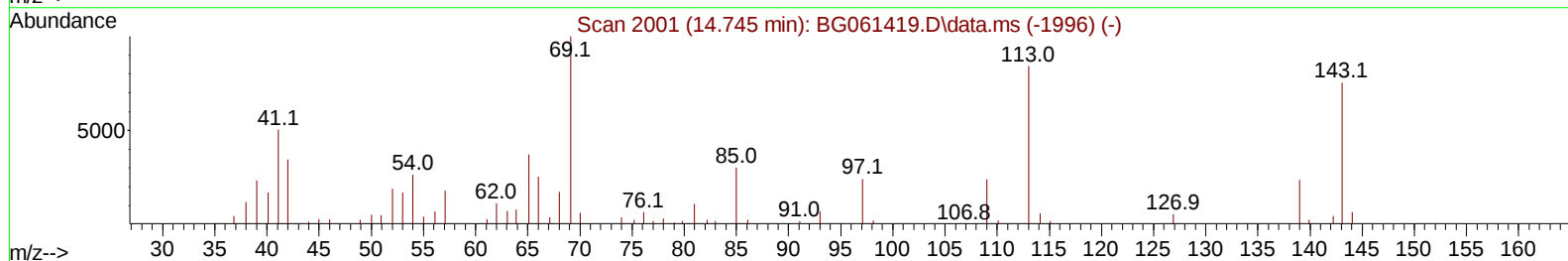
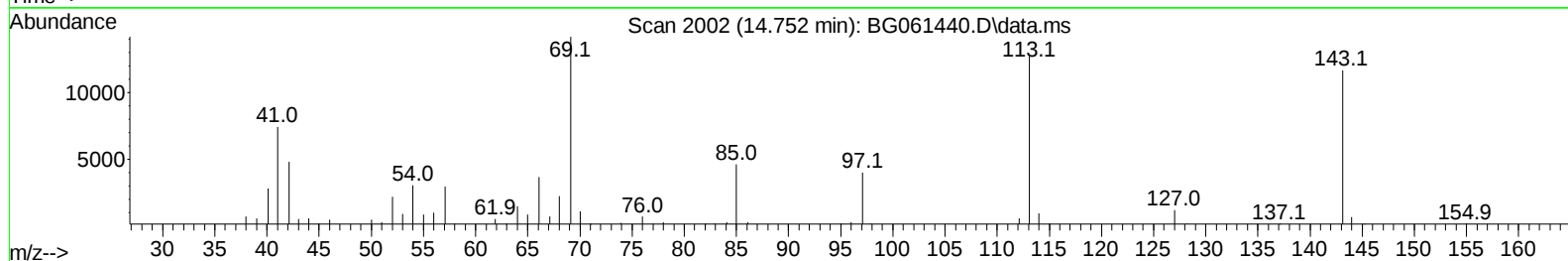
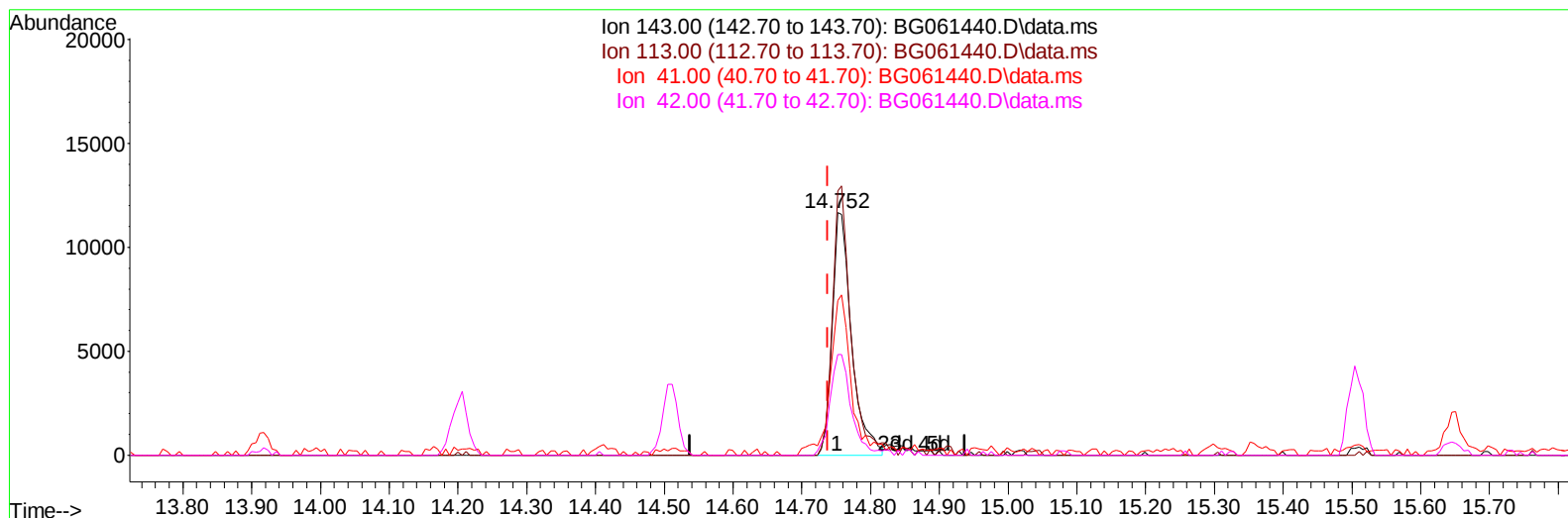
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061440.D
Acq On : 4 Jun 2024 3:05
Operator : MA/JU
Sample : P2577-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:46:30 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 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.752min (+ 0.014) 18.57 ng/u1

response 22864

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	109.14
41.00	77.10	63.62
42.00	49.50	41.44

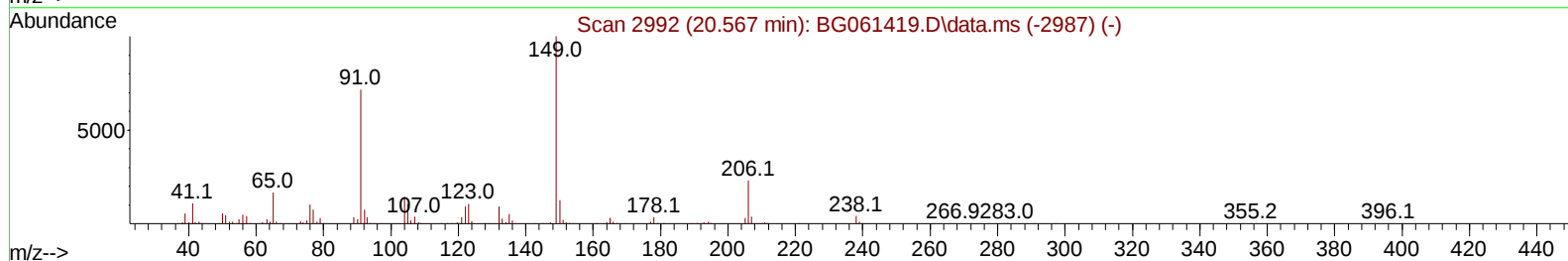
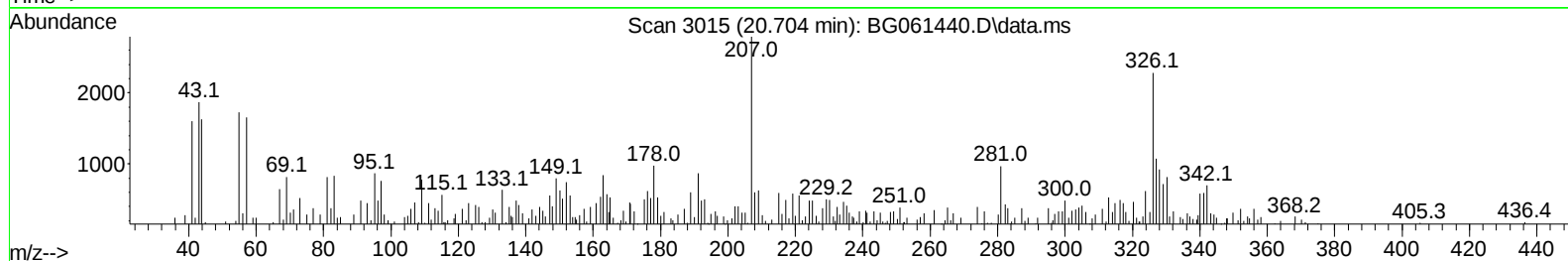
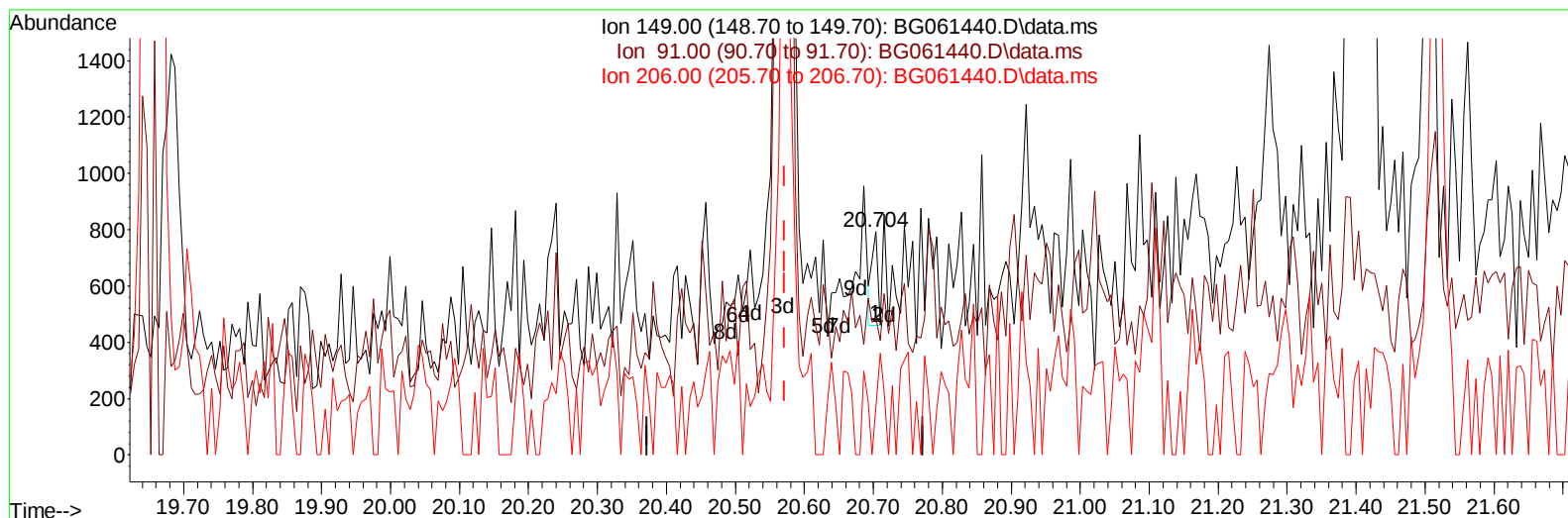
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:47:13 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(83) Butylbenzylphthalate

20.704min (+ 0.132) 0.03 ng/u1

response	199	
Ion	Exp%	Act%
149.00	100.00	100.00
91.00	68.50	61.46
206.00	24.20	21.41
0.00	0.00	0.00

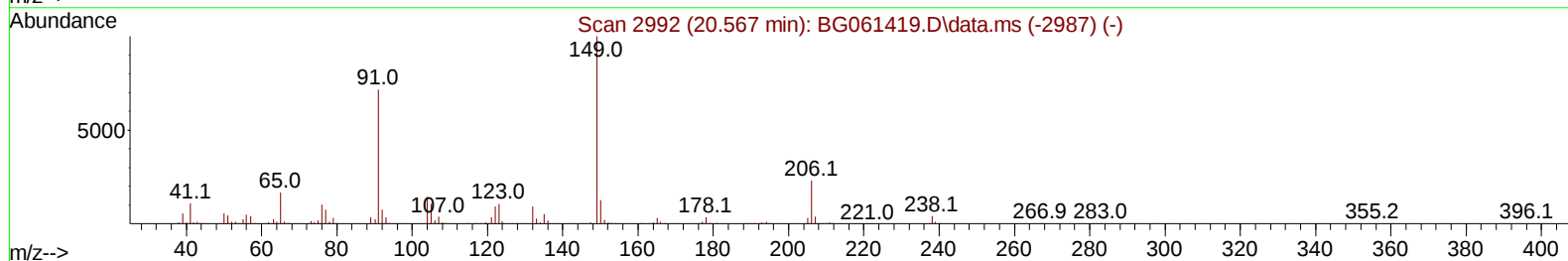
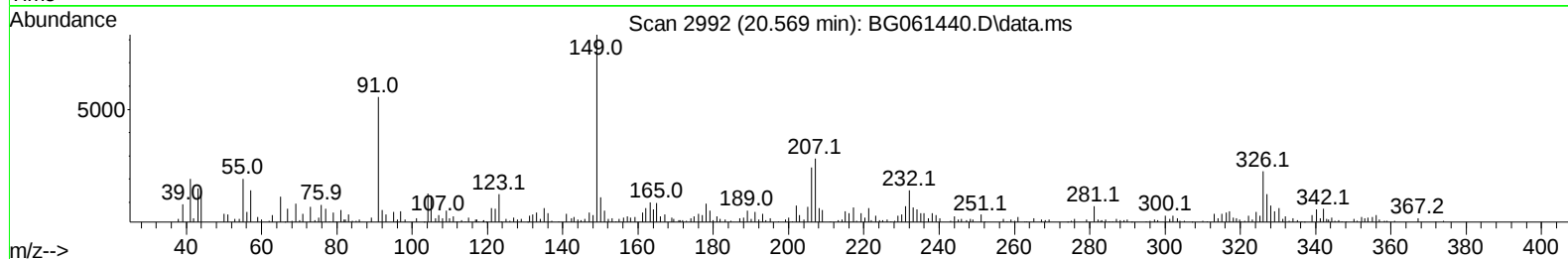
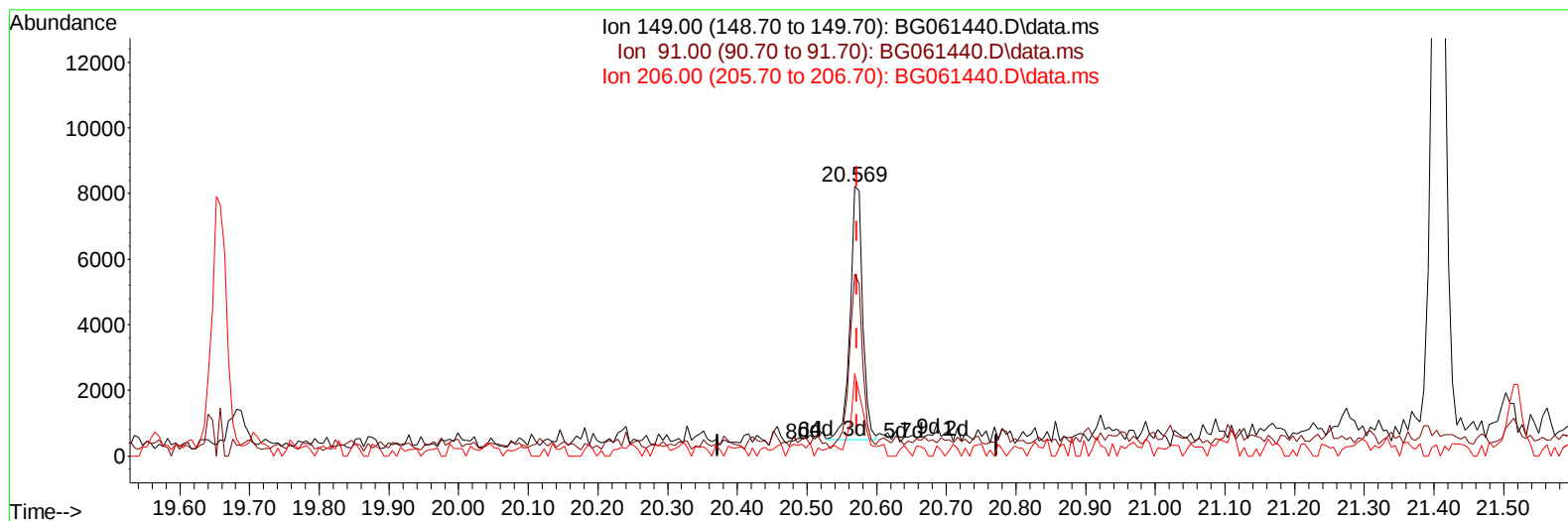
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:47:13 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(83) Butylbenzylphthalate

20.569min (-0.003) 1.46 ng/ul m

response 9616

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	68.50	67.47
206.00	24.20	30.52#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

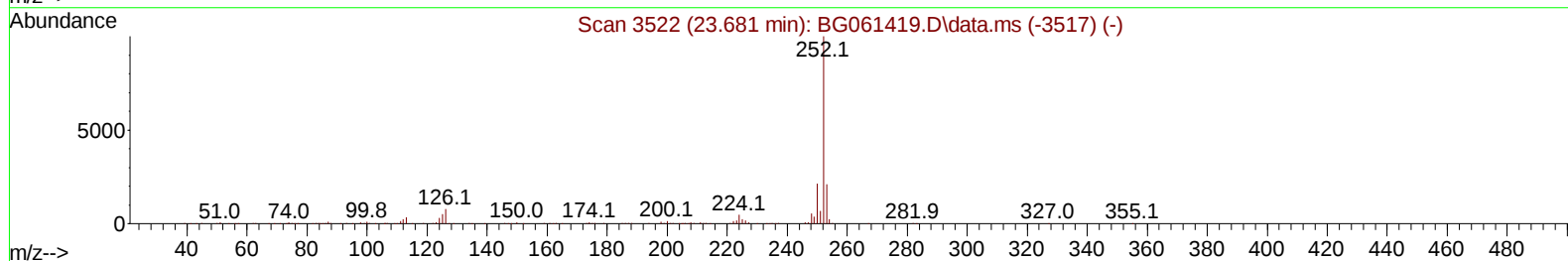
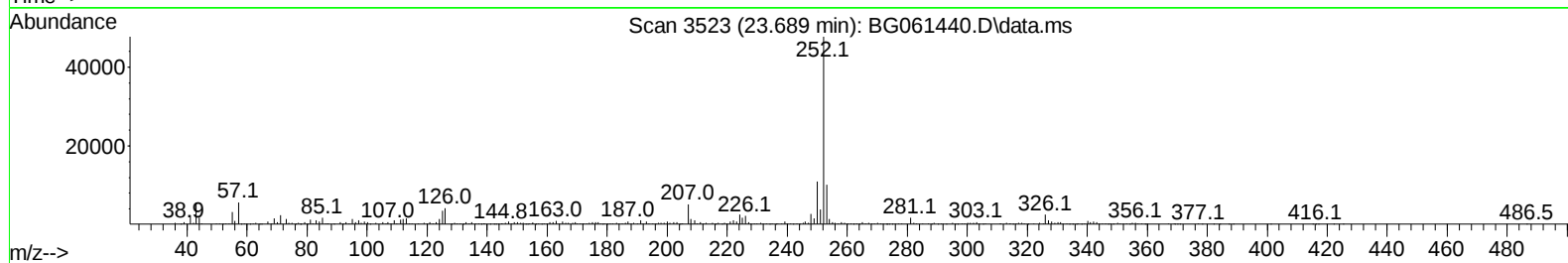
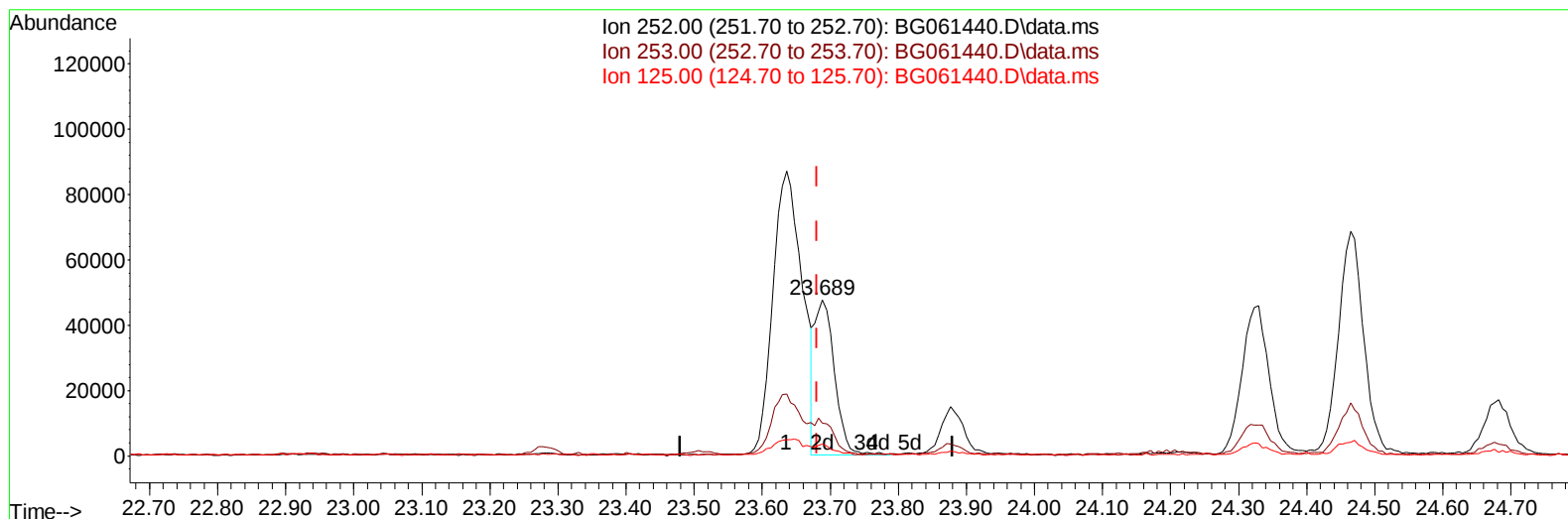
ClientSampleId :

BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:47:13 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(91) Benzo(k)fluoranthene

23.689min (+ 0.009) 4.55 ng/u1 m

response 97296

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.19
125.00	5.40	7.59#
0.00	0.00	0.00

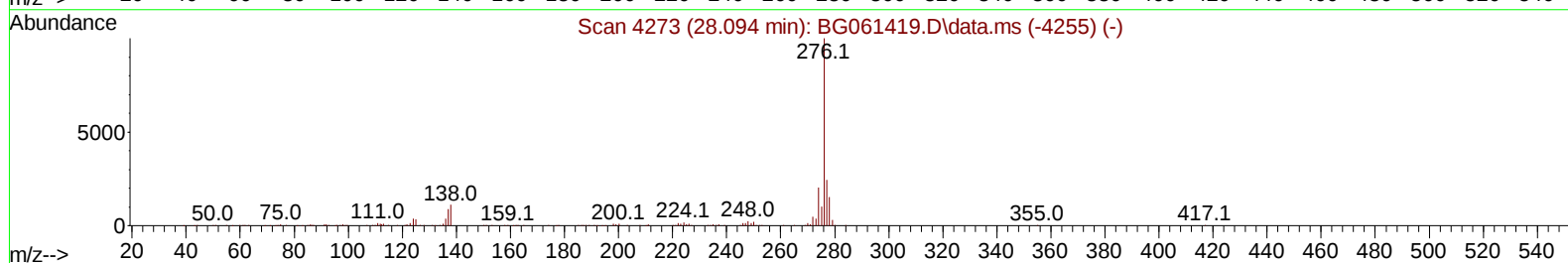
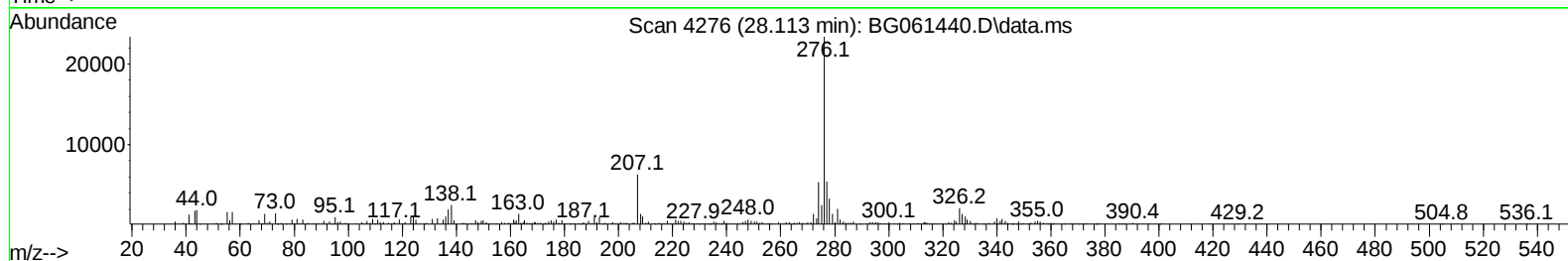
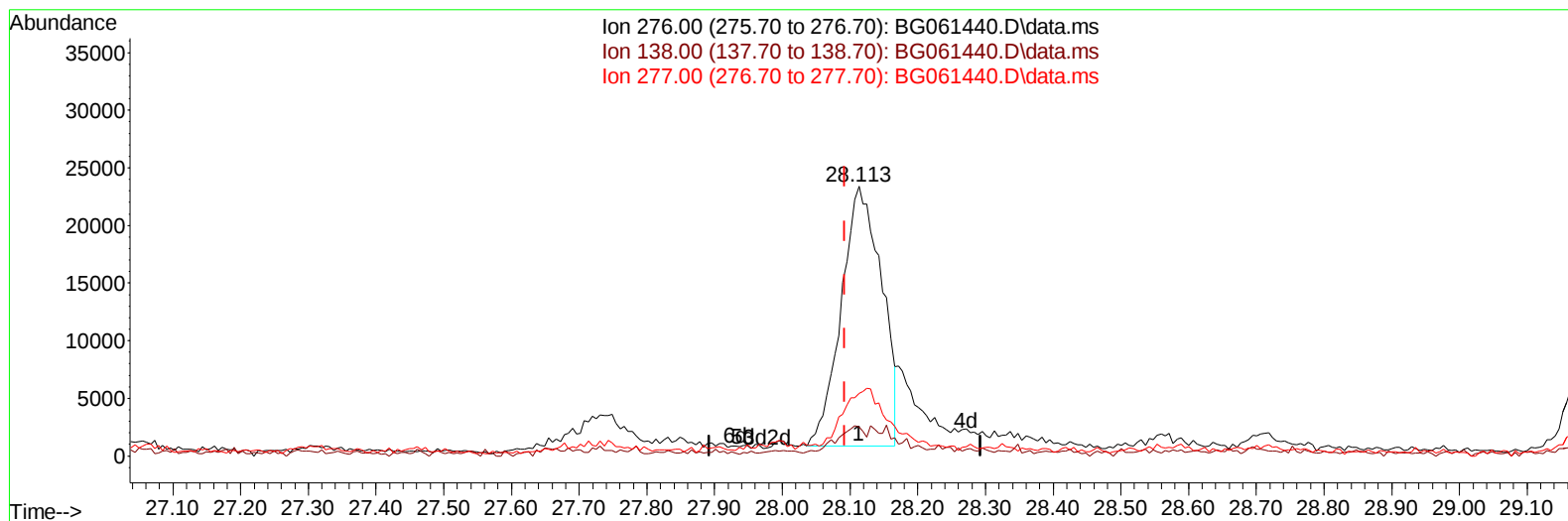
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061440.D
Acq On : 4 Jun 2024 3:05
Operator : MA/JU
Sample : P2577-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:47:13 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 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

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

28.113min (+ 0.020) 3.84 ng/u1

response 93012

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.68
277.00	24.60	23.16
0.00	0.00	0.00

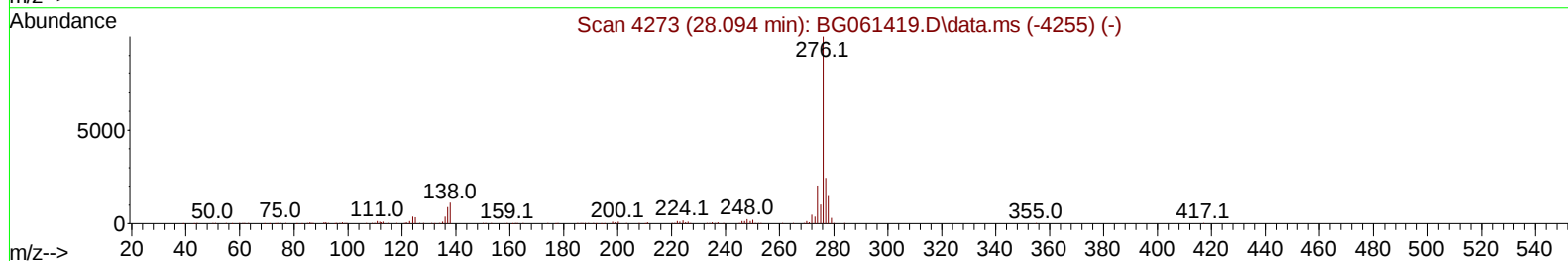
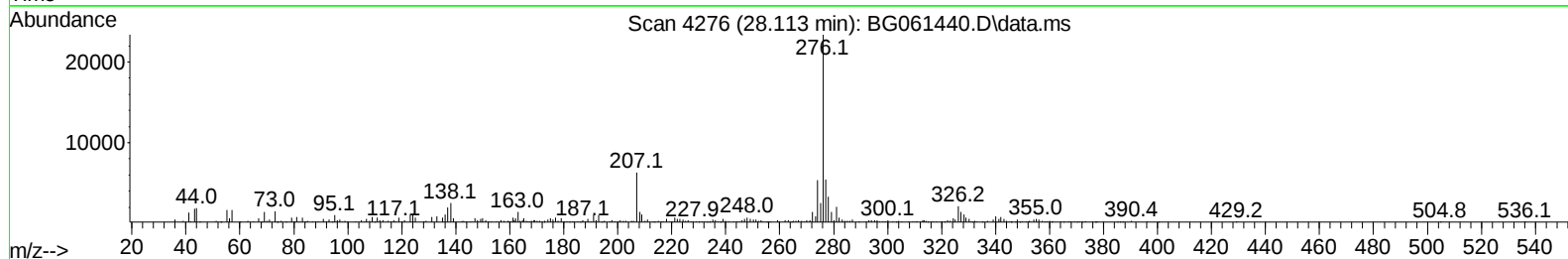
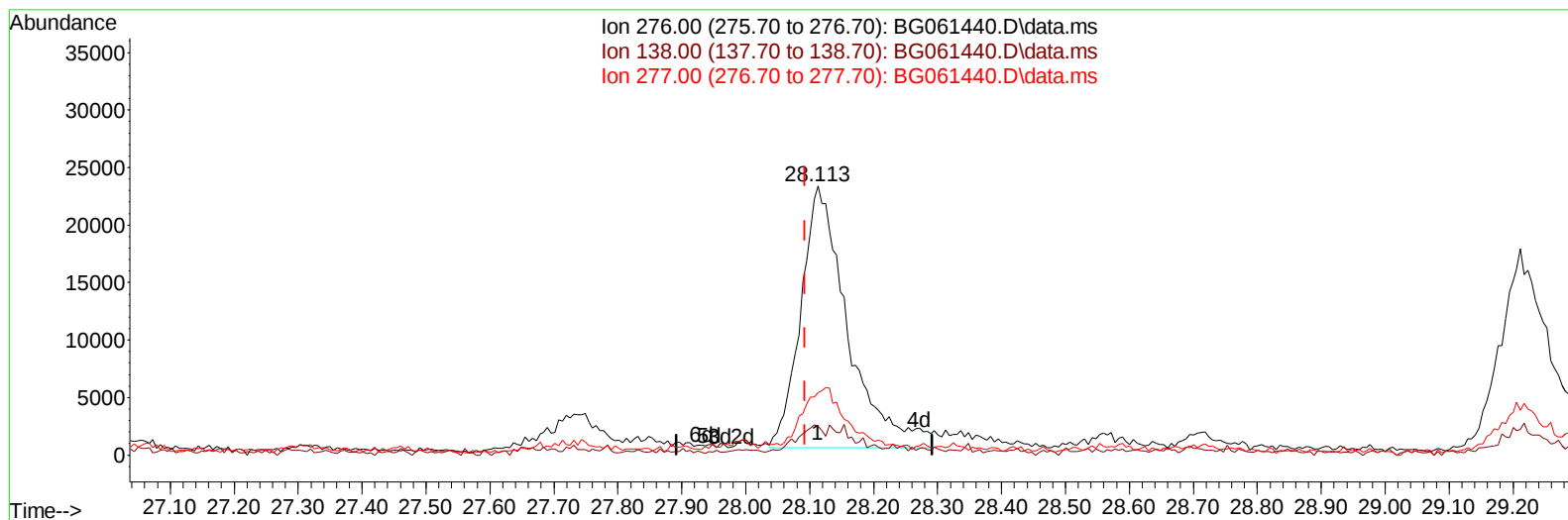
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:47:13 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

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

28.113min (+ 0.020) 4.80 ng/ul m

response 116003

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.68
277.00	24.60	23.16
0.00	0.00	0.00

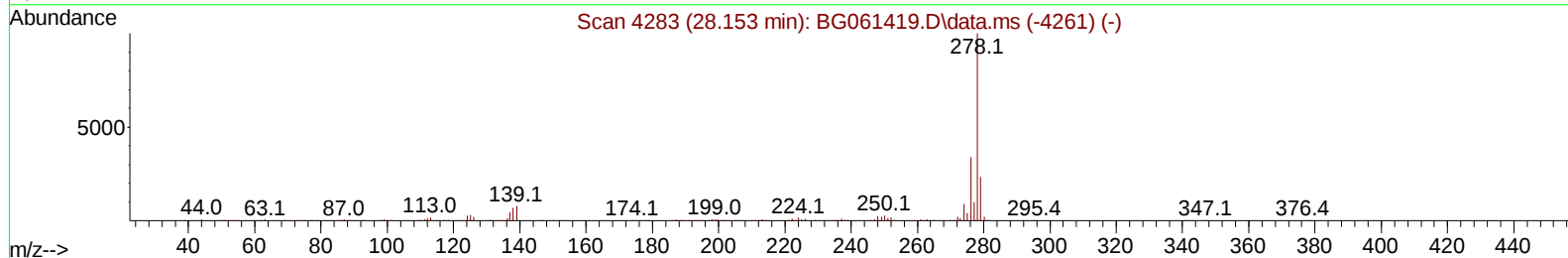
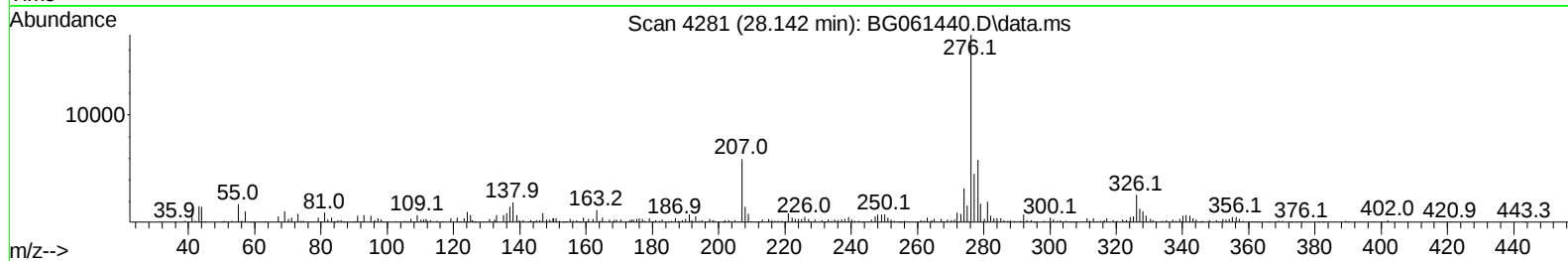
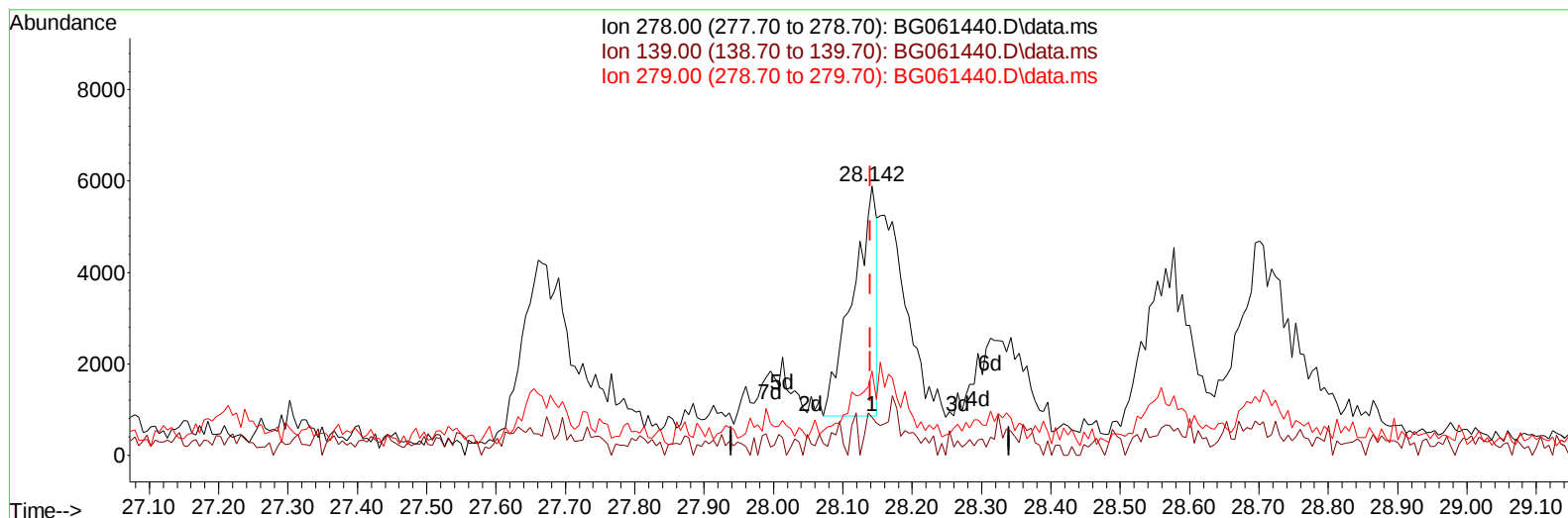
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061440.D
Acq On : 4 Jun 2024 3:05
Operator : MA/JU
Sample : P2577-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:48:43 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 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(95) Dibenzo(a,h)anthracene

28.142min (+ 0.003) 0.61 ng/u1

response 12097

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.94#
279.00	24.90	31.26#
0.00	0.00	0.00

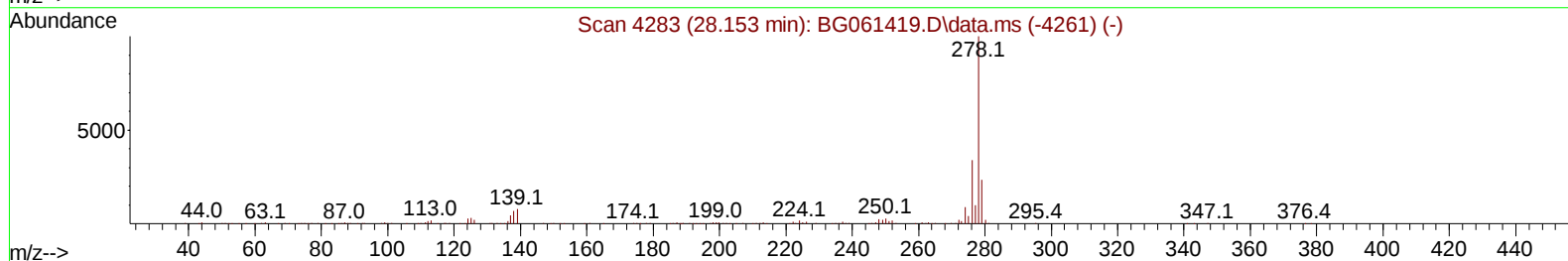
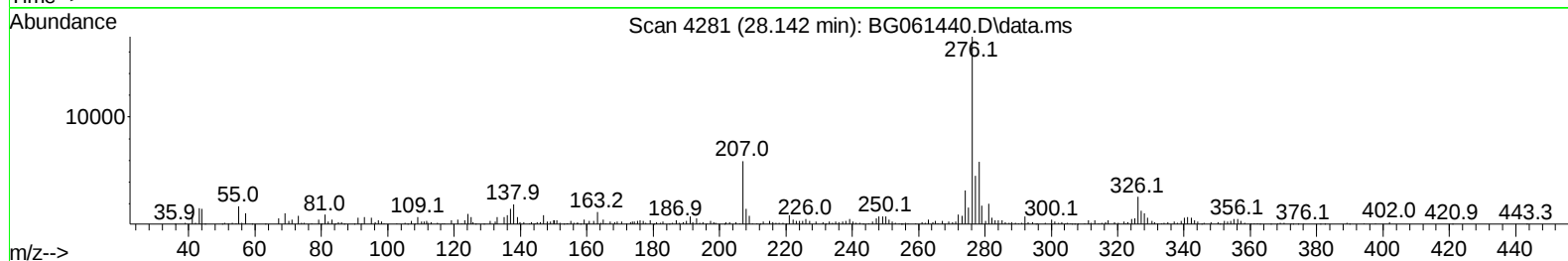
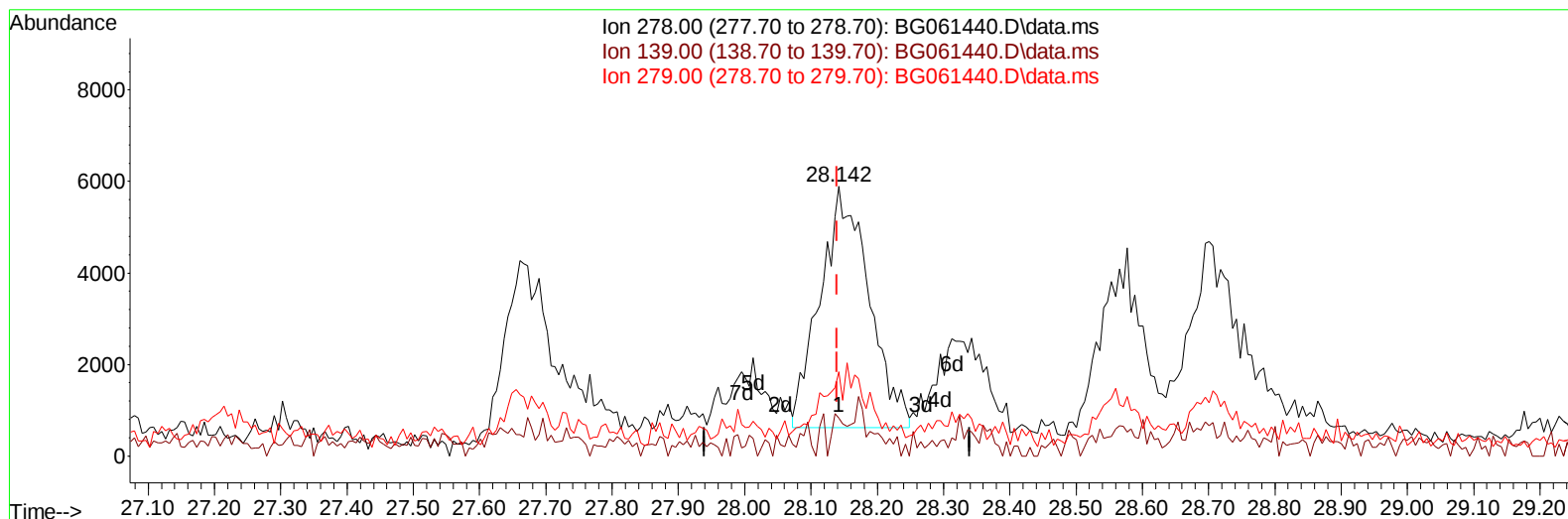
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:48:43 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

(95) Dibenzo(a,h)anthracene

28.142min (+ 0.003) 1.35 ng/ul m

response 26952

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.94#
279.00	24.90	31.26#
0.00	0.00	0.00

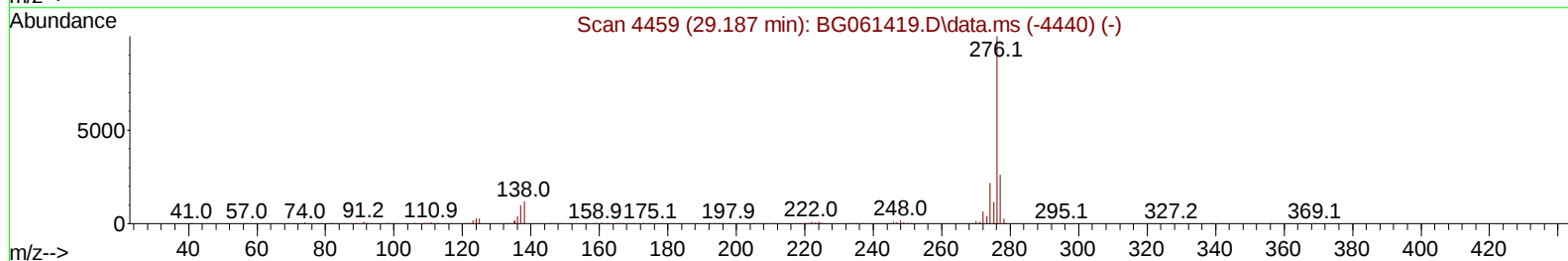
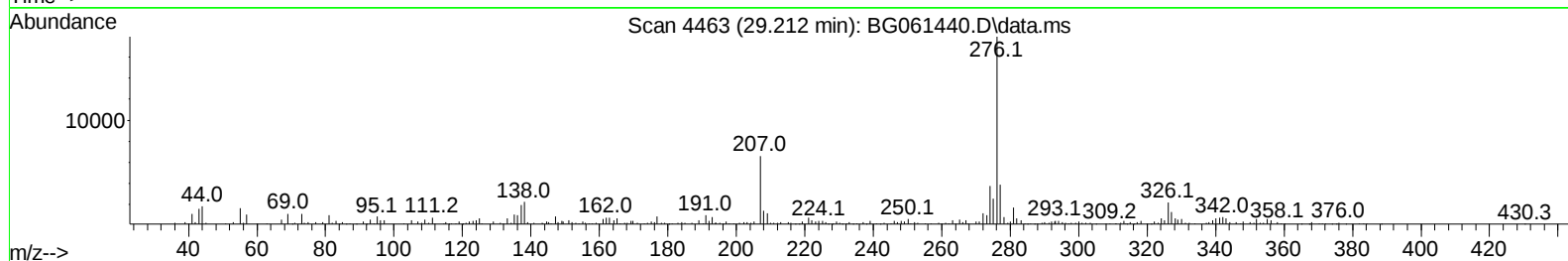
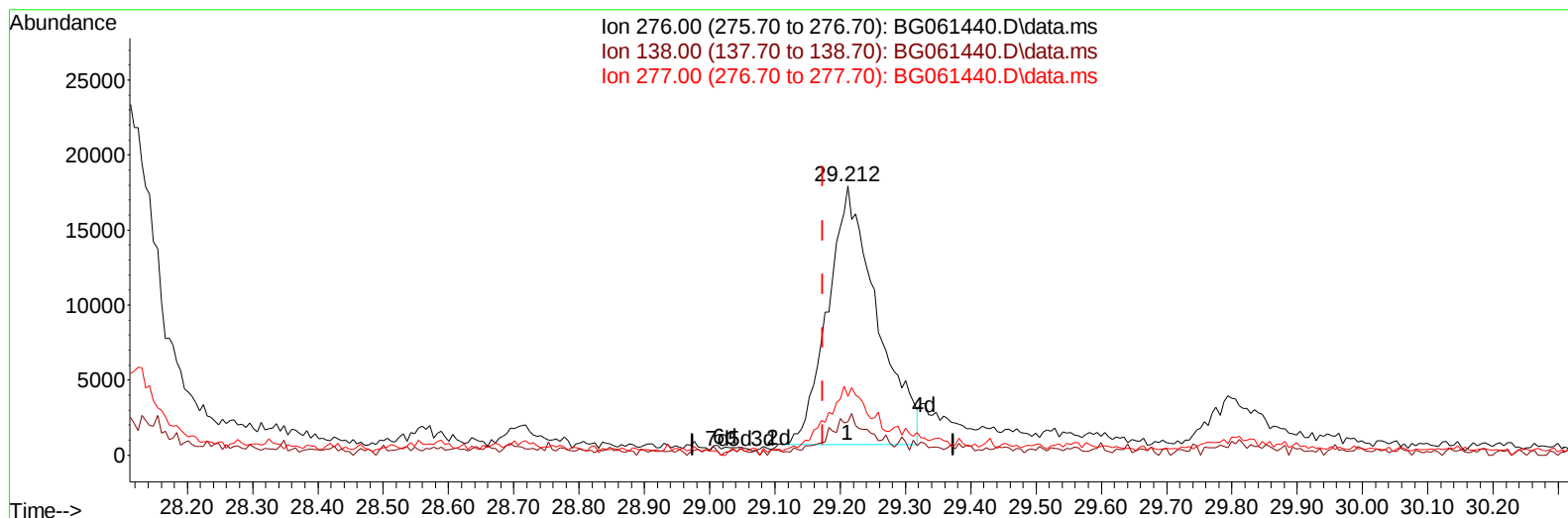
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061440.D
Acq On : 4 Jun 2024 3:05
Operator : MA/JU
Sample : P2577-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:48:43 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 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061440.D\data.ms

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

29.212min (+ 0.038) 4.67 ng/u1

response 89907

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.49
277.00	22.70	21.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBNA

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:49:32 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	43212	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	168208	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.511	164	128382	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	292196	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240	300245	20.000	ng/ul	0.00
88) Perylene-d12	24.611	264	353823	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	2588	3.352	ng/uL	0.00
4) Pyridine-d5	3.759	84	4837	1.761	ng/ul	0.02
7) Phenol-d5	7.067	99	78506	22.123	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.208	67	47939	21.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	63346	24.120	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	66339	21.924	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	33842	26.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	38549	25.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	77749	26.312	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	44740	11.573	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	243919	24.497	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	274674	26.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.752	143	23352m	18.970	ng/ul	0.01
60) Fluorene-d10	15.504	176	222252	25.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	28802	16.298	ng/ul	0.00
73) Anthracene-d10	17.361	188	345574	26.826	ng/ul	0.00
81) Pyrene-d10	19.652	212	424198	27.516	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.400	264	453099	26.637	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.302	178	132142	9.318	ng/ul	99
74) Anthracene	17.396	178	21879	1.492	ng/ul	98
77) Carbazole	17.666	167	12576	1.054	ng/ul	96
80) Fluoranthene	19.323	202	337289	18.238	ng/ul	100
82) Pyrene	19.688	202	308789	16.086	ng/ul	98
83) Butylbenzylphthalate	20.569	149	9616m	1.458	ng/ul	
85) Benzo(a)anthracene	21.497	228	171278	8.267	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.409	149	30479	3.122	ng/ul#	92
87) Chrysene	21.562	228	190423	9.982	ng/ul	99
90) Benzo(b)fluoranthene	23.636	252	259076	12.298	ng/ul	99
91) Benzo(k)fluoranthene	23.689	252	97296m	4.550	ng/ul	
93) Benzo(a)pyrene	24.464	252	174262	8.711	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.113	276	116003m	4.795	ng/ul	
95) Dibenzo(a,h)anthracene	28.142	278	26952m	1.351	ng/ul	
96) Benzo(g,h,i)perylene	29.212	276	101499m	5.274	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 03:49:32 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

