

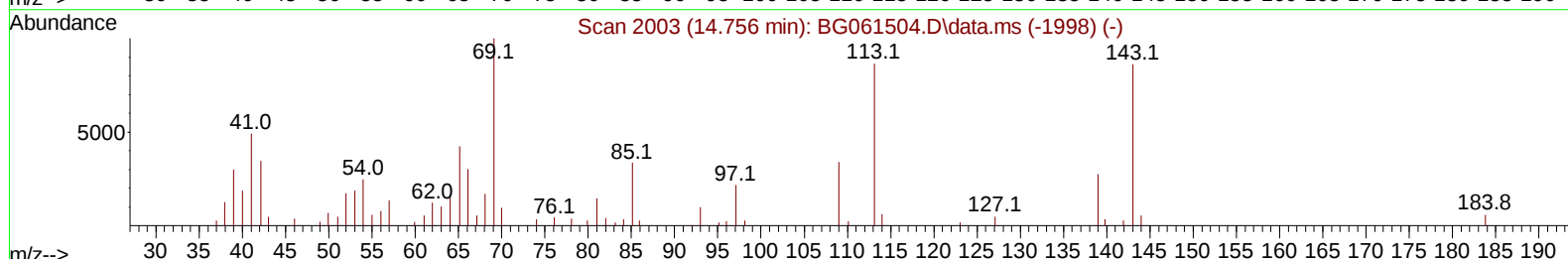
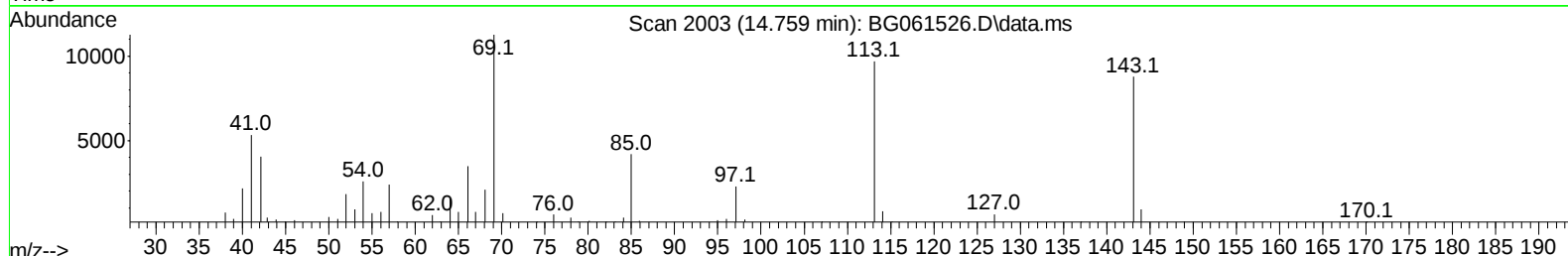
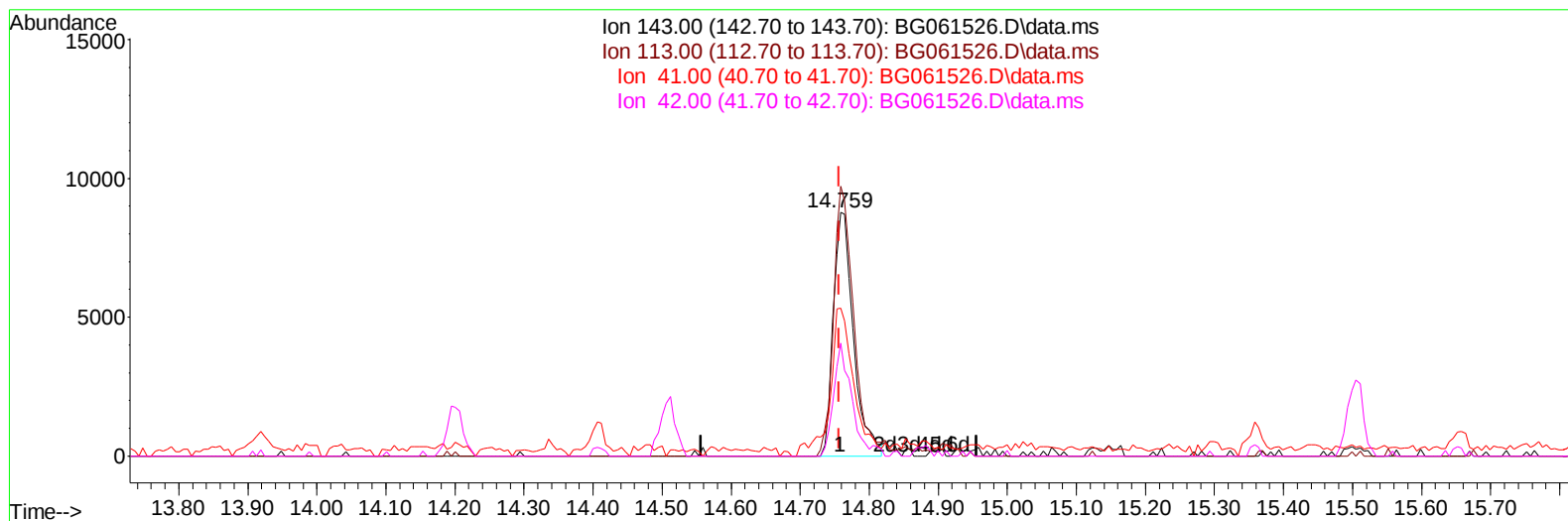
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061526.D
Acq On : 7 Jun 2024 1:57
Operator : MA/JU
Sample : P2634-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:35:27 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.759min (+ 0.002) 21.26 ng/u1

response 17785

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	110.58
41.00	77.10	60.73#
42.00	49.50	46.21

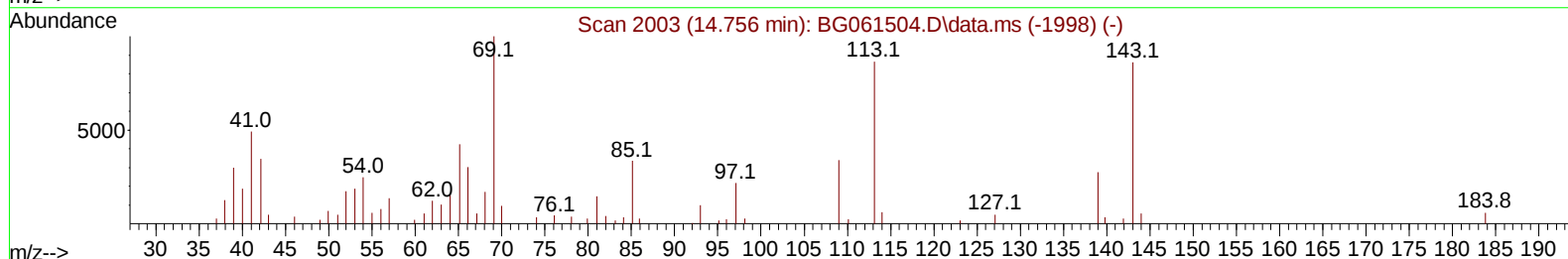
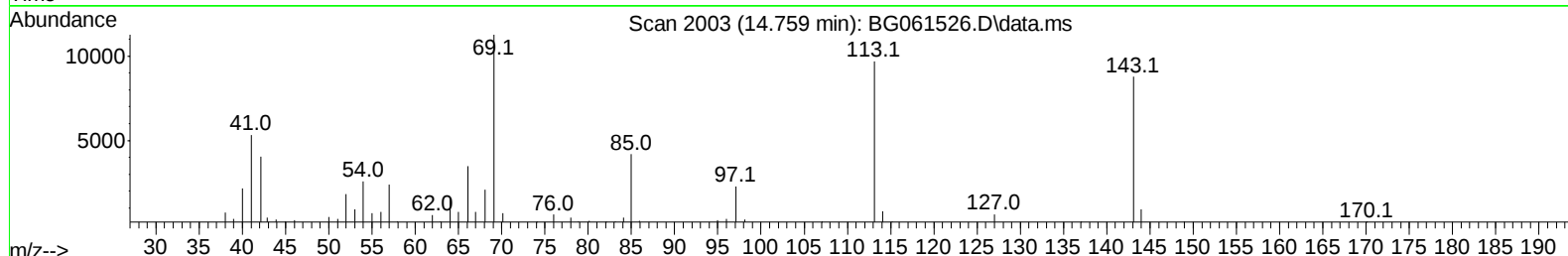
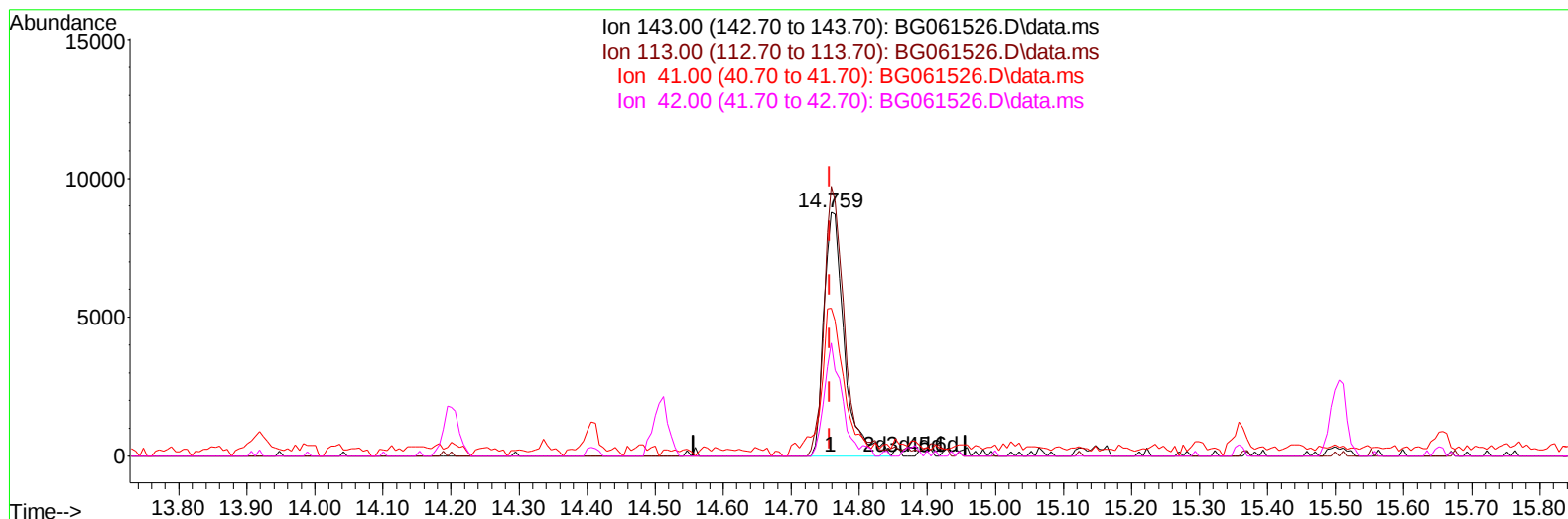
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061526.D
Acq On : 7 Jun 2024 1:57
Operator : MA/JU
Sample : P2634-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:35:27 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.759min (+ 0.002) 21.90 ng/ul m

response 18318

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	110.58
41.00	77.10	60.73#
42.00	49.50	46.21

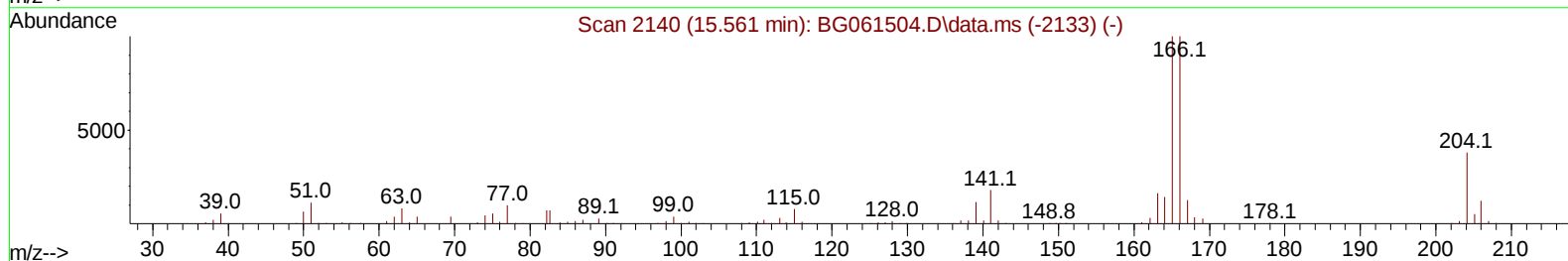
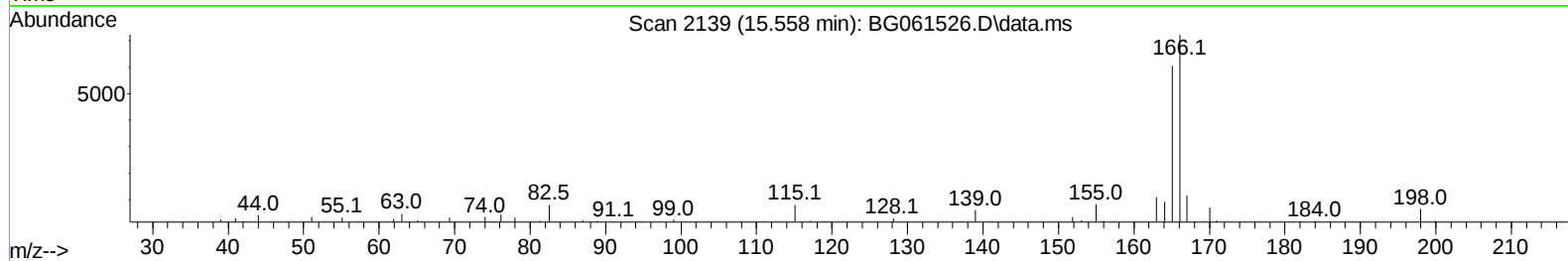
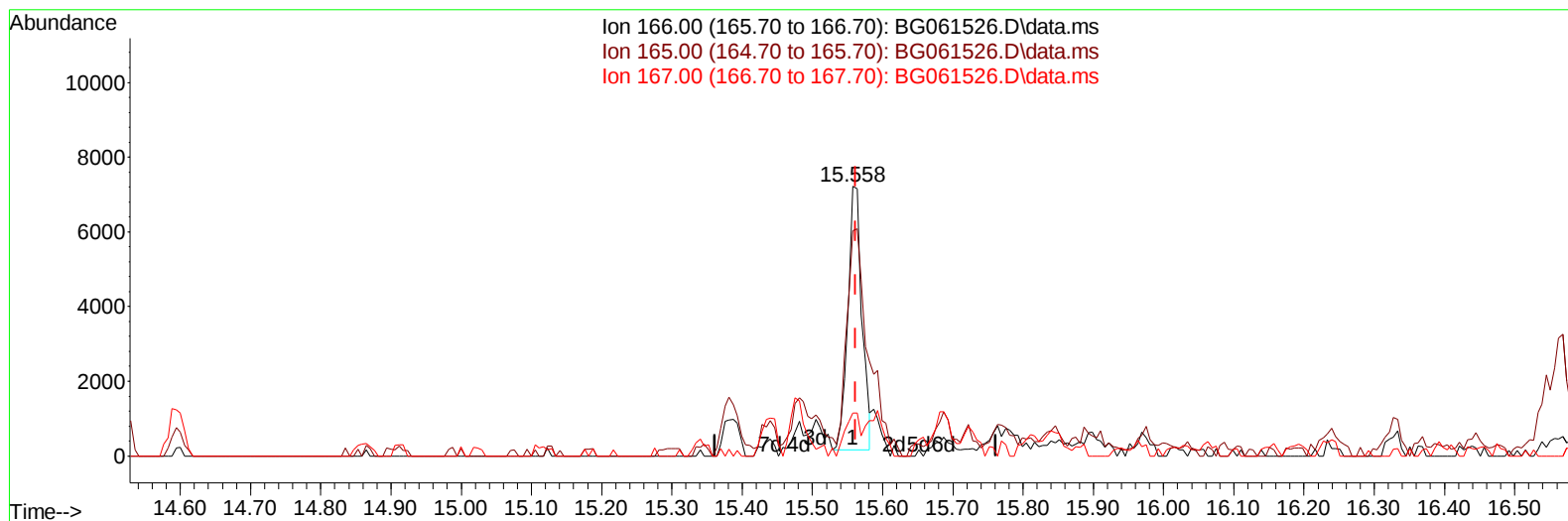
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061526.D
Acq On : 7 Jun 2024 1:57
Operator : MA/JU
Sample : P2634-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:35:27 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(61) Fluorene

15.558min (-0.004) 1.55 ng/u1

response 9816

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	102.30	83.59
167.00	13.30	16.02#
0.00	0.00	0.00

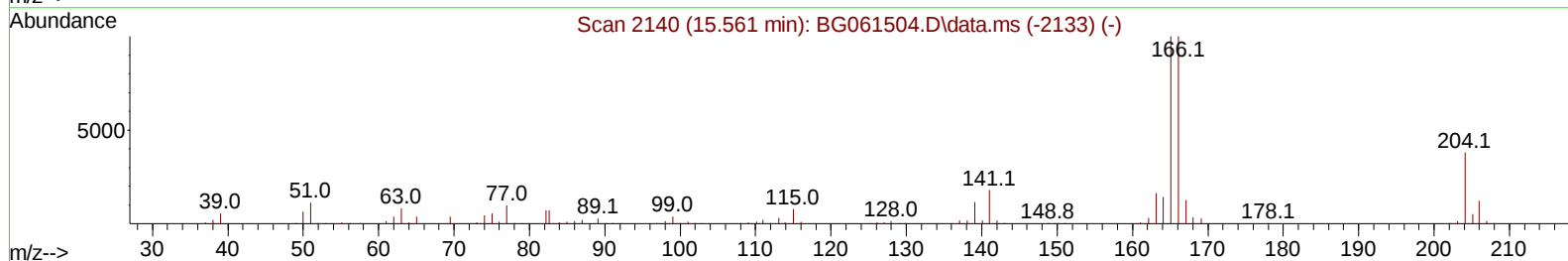
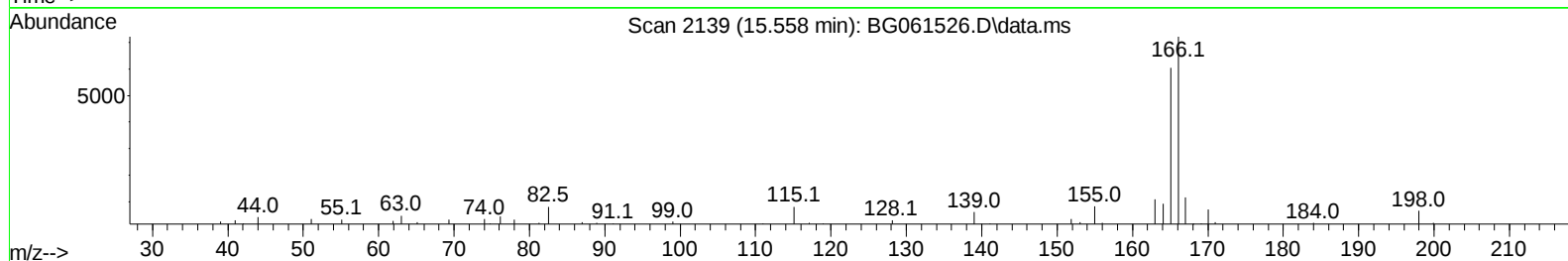
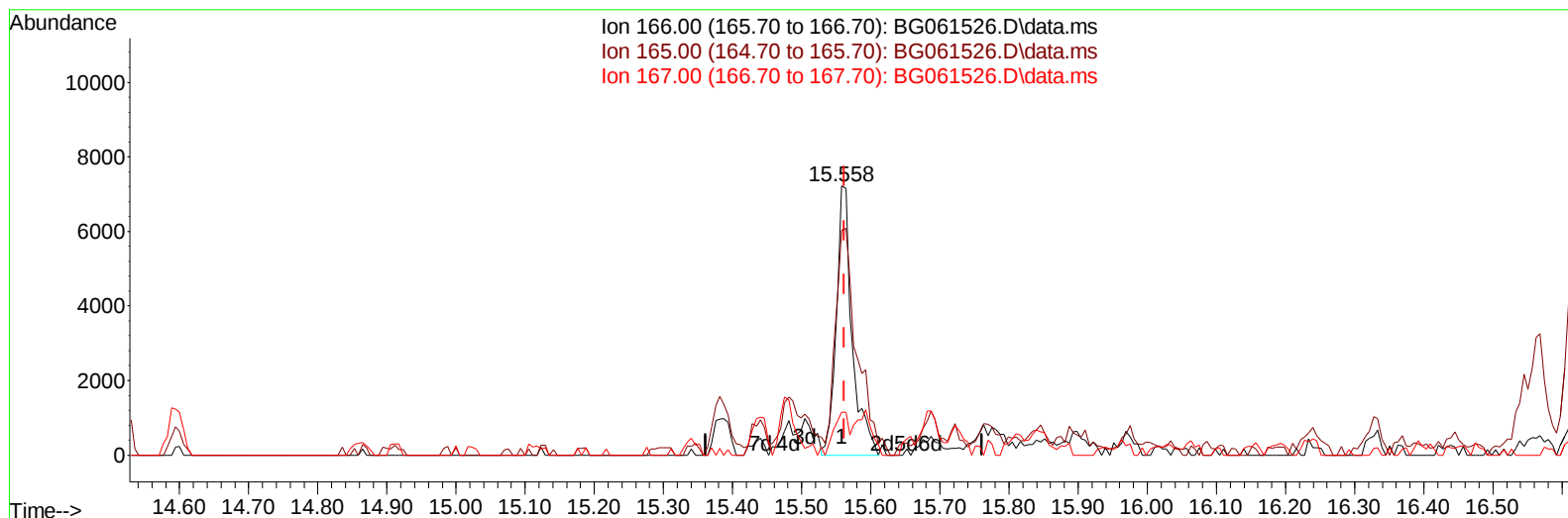
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBY3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:35:27 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(61) Fluorene

15.558min (-0.004) 1.81 ng/ul m

response 11465

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	102.30	83.59
167.00	13.30	16.02#
0.00	0.00	0.00

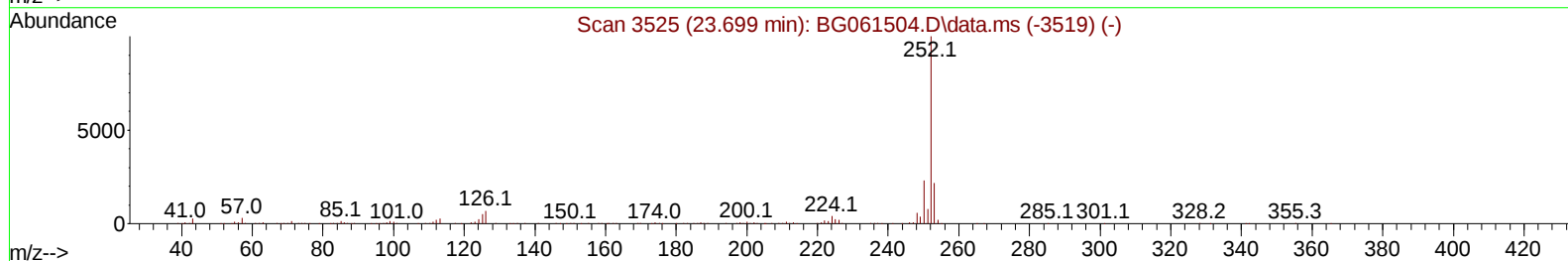
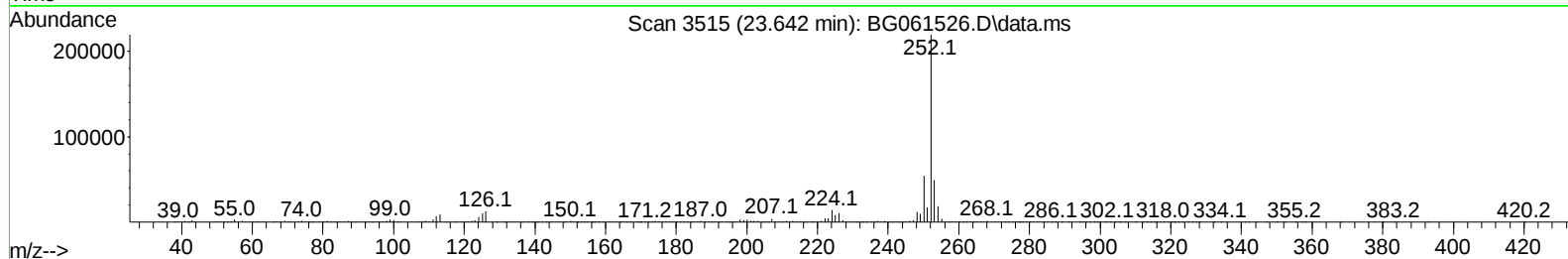
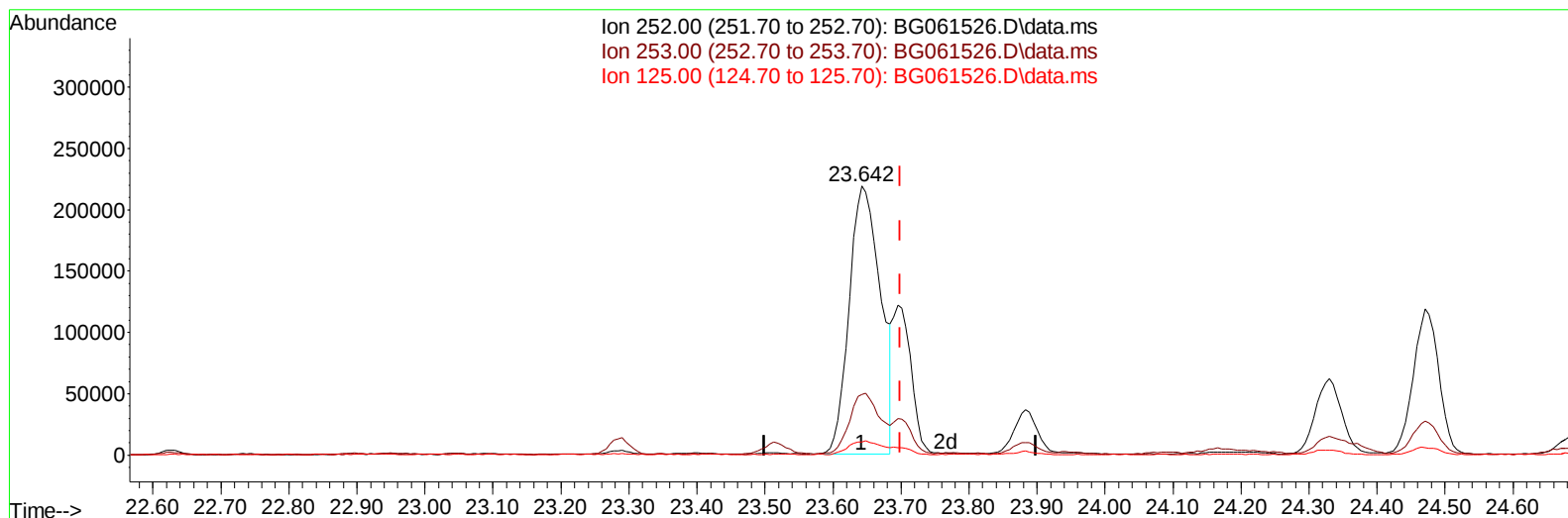
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:36:30 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(91) Benzo(k)fluoranthene

23.642min (-0.056) 47.16 ng/u1

response 699755

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.50
125.00	5.40	4.95
0.00	0.00	0.00

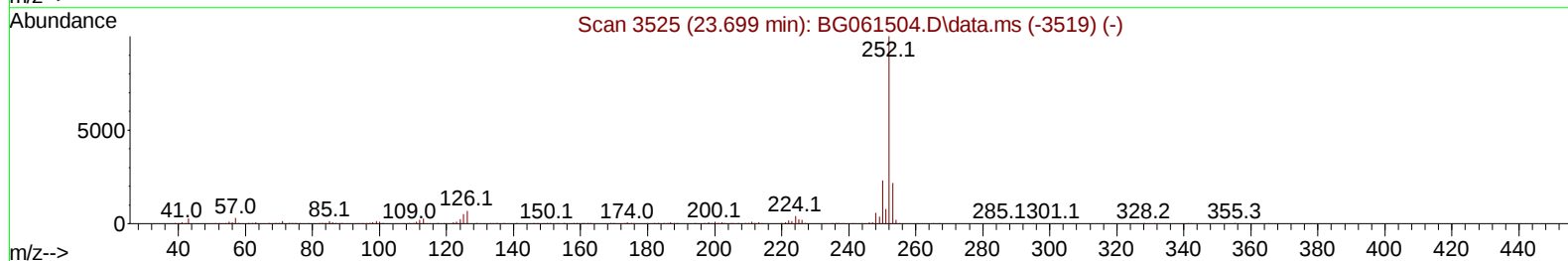
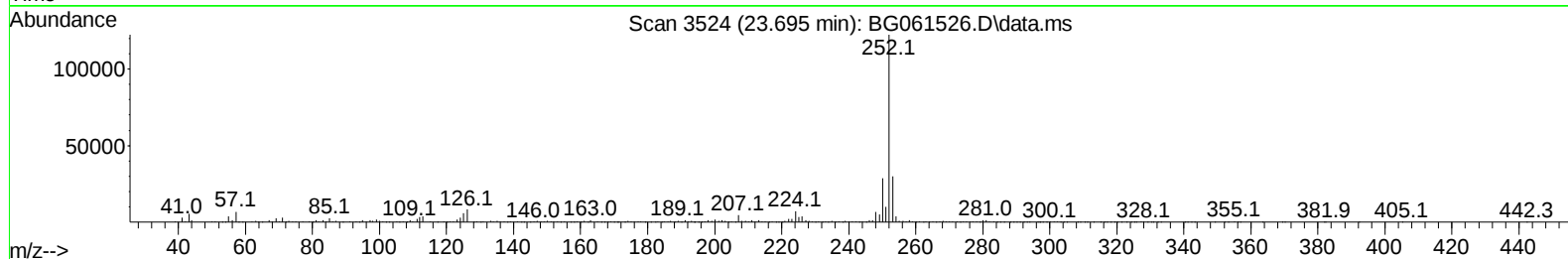
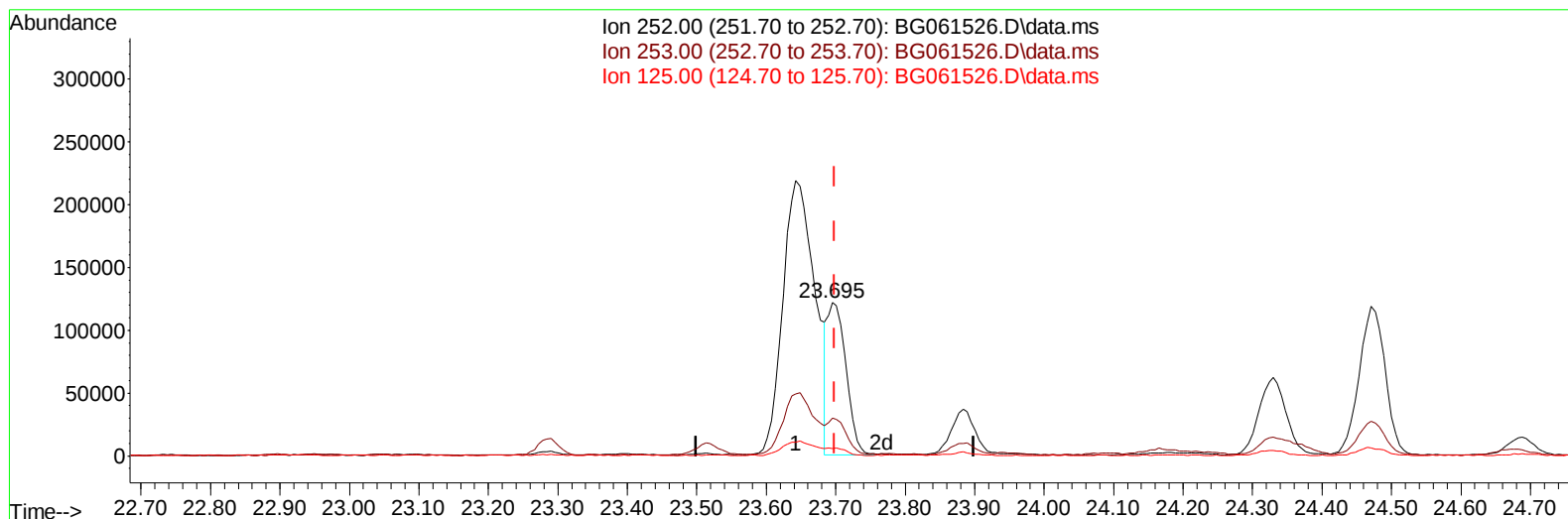
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:36:30 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

(91) Benzo(k)fluoranthene

23.695min (-0.004) 15.10 ng/u1 m

response 224058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.53#
125.00	5.40	4.72
0.00	0.00	0.00

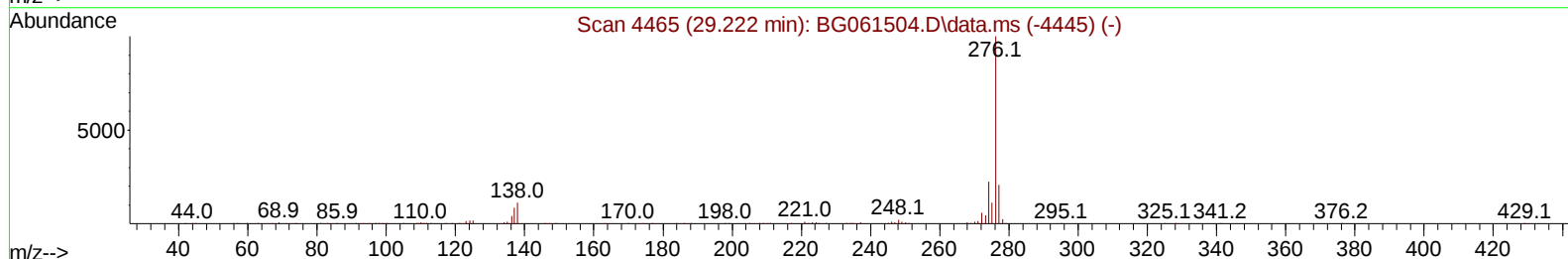
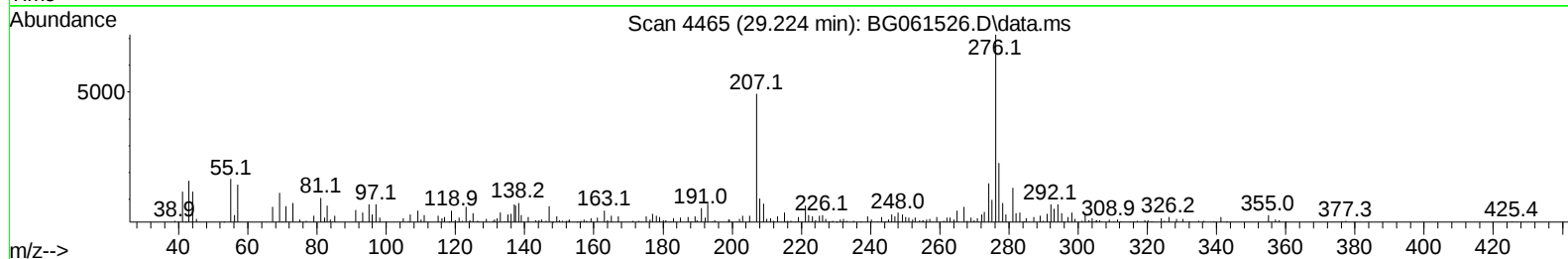
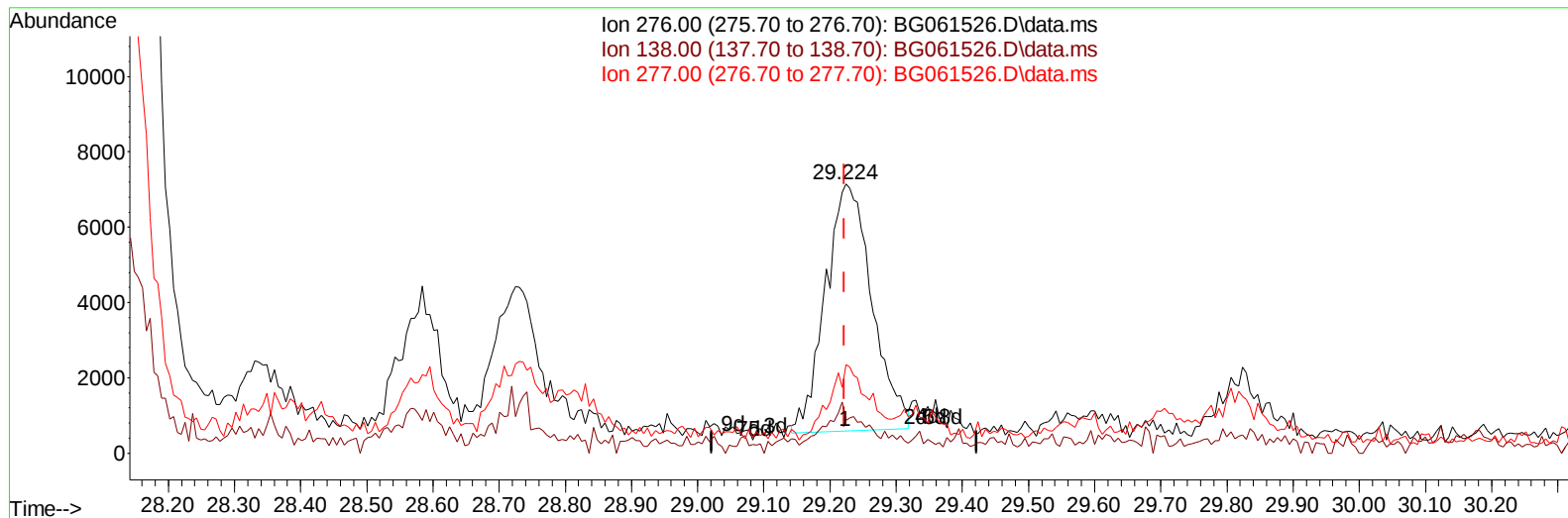
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061526.D
Acq On : 7 Jun 2024 1:57
Operator : MA/JU
Sample : P2634-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHB3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:36:30 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

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

29.224min (+ 0.002) 2.40 ng/u1

response 32034

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.10
277.00	22.70	32.97#
0.00	0.00	0.00

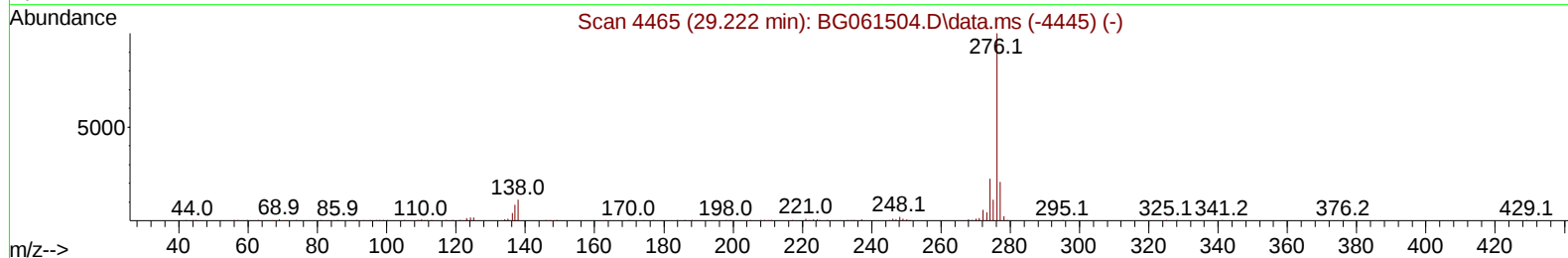
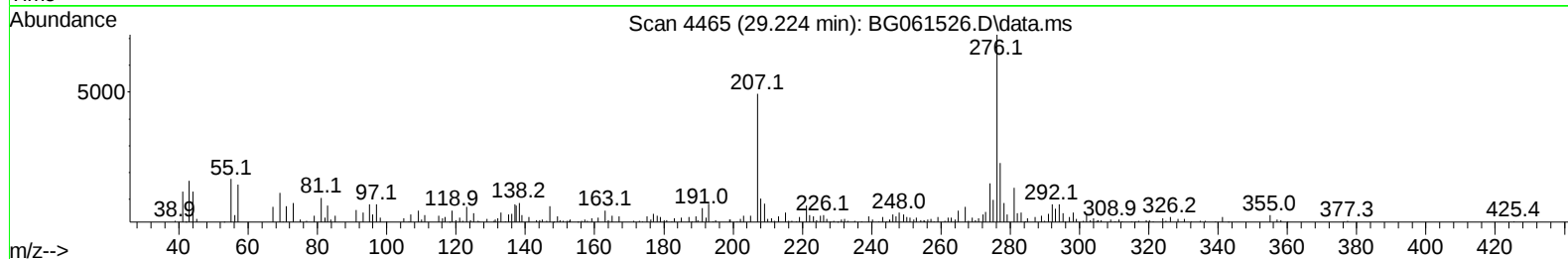
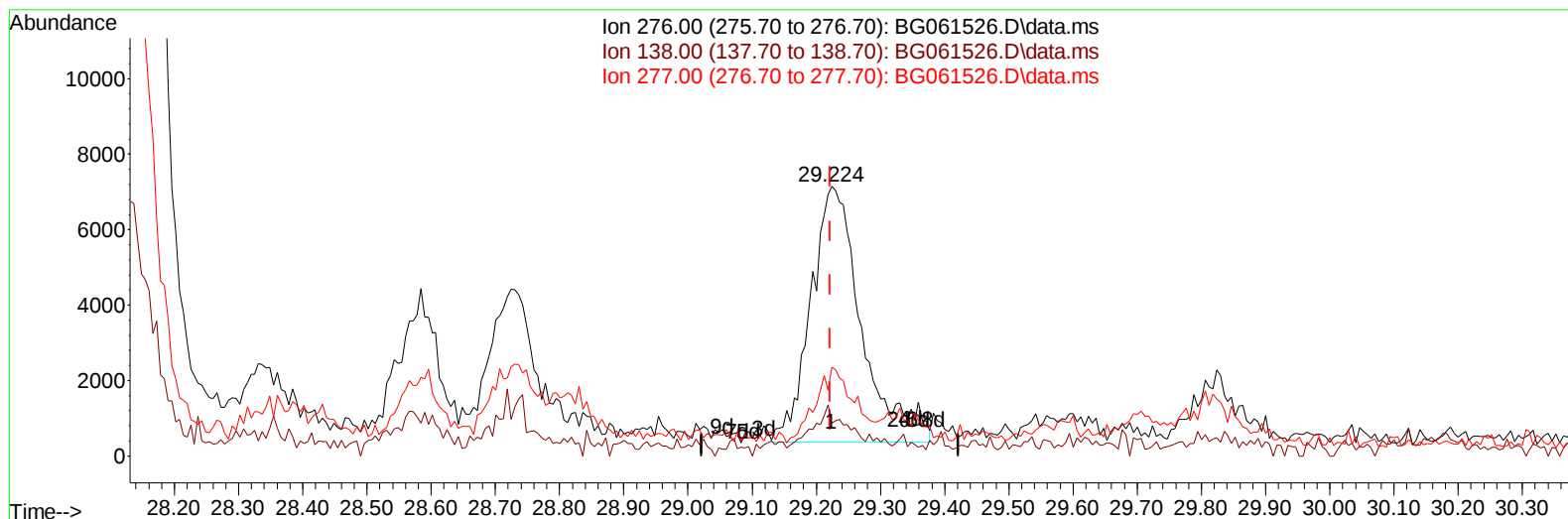
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061526.D
Acq On : 7 Jun 2024 1:57
Operator : MA/JU
Sample : P2634-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:36:30 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 :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061526.D\data.ms

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

29.224min (+ 0.002) 2.79 ng/u1 m

response 37184

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.10
277.00	22.70	32.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBY3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:37:29 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 :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.878	152		35139	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136		125809	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164		87246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188		196776	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240		209814	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264		245462	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.372	96		2961	4.716	ng/uL	0.01
4) Pyridine-d5	3.777	84		25372	11.358	ng/ul	0.00
7) Phenol-d5	7.074	99		61582	21.341	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67		40218	22.174	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132		54388	25.467	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113		43681	17.753	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128		26885	27.755	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143		31030	27.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165		58001	26.244	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131		23801	8.232	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166		171144	25.292	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160		184570	26.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143		18318m	21.896	ng/ul	0.00
60) Fluorene-d10	15.505	176		150899	25.830	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200		9961	8.370	ng/ul	0.00
73) Anthracene-d10	17.362	188		246358	28.398	ng/ul	0.00
81) Pyrene-d10	19.659	212		283687	26.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.406	264		246623	20.899	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.716	128		9112	1.372	ng/ul#	94
36) 2-Methylnaphthalene	12.332	142		6387	1.326	ng/ul	93
50) Acenaphthylene	14.236	152		19788	2.537	ng/ul	98
52) Acenaphthene	14.571	153		9190	1.796	ng/ul	94
61) Fluorene	15.558	166		11465m	1.811	ng/ul	
72) Phenanthrene	17.303	178		296859	31.082	ng/ul	99
74) Anthracene	17.397	178		43084	4.363	ng/ul	98
77) Carbazole	17.667	167		26355	3.281	ng/ul	98
80) Fluoranthene	19.324	202		876879	67.851	ng/ul	99
82) Pyrene	19.688	202		725322	54.069	ng/ul	98
85) Benzo(a)anthracene	21.504	228		474588	32.782	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149		15888	2.329	ng/ul#	93
87) Chrysene	21.568	228		513898	38.551	ng/ul	95
90) Benzo(b)fluoranthene	23.642	252		698867	47.820	ng/ul	99
91) Benzo(k)fluoranthene	23.695	252		224058m	15.102	ng/ul	
93) Benzo(a)pyrene	24.471	252		308525	22.232	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.131	276		245339	14.619	ng/ul	99
95) Dibenzo(a,h)anthracene	28.166	278		77815	5.623	ng/ul#	89
96) Benzo(g,h,i)perylene	29.224	276		37184m	2.785	ng/ul	

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

