

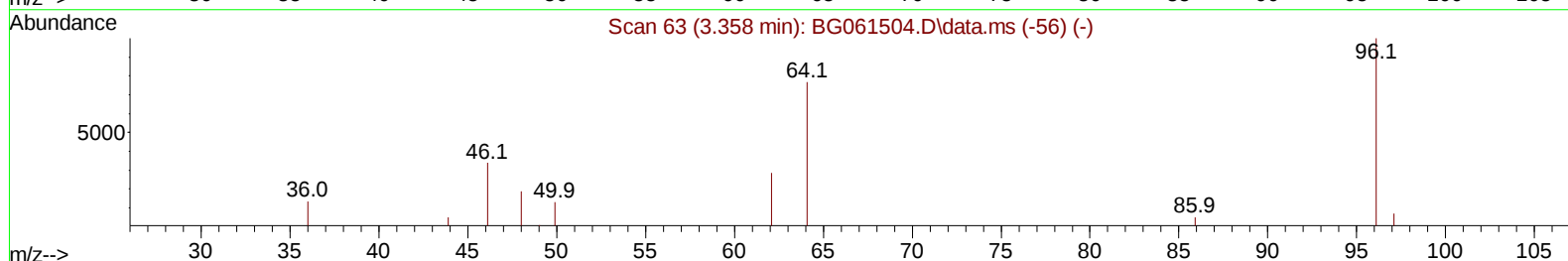
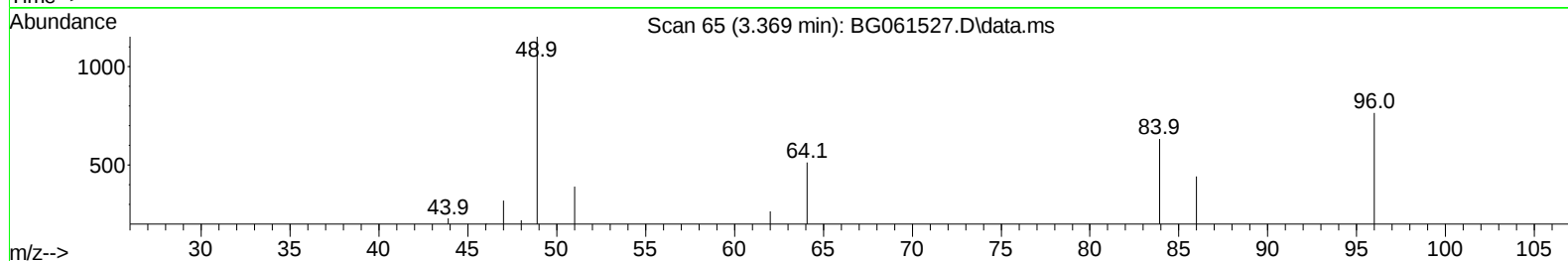
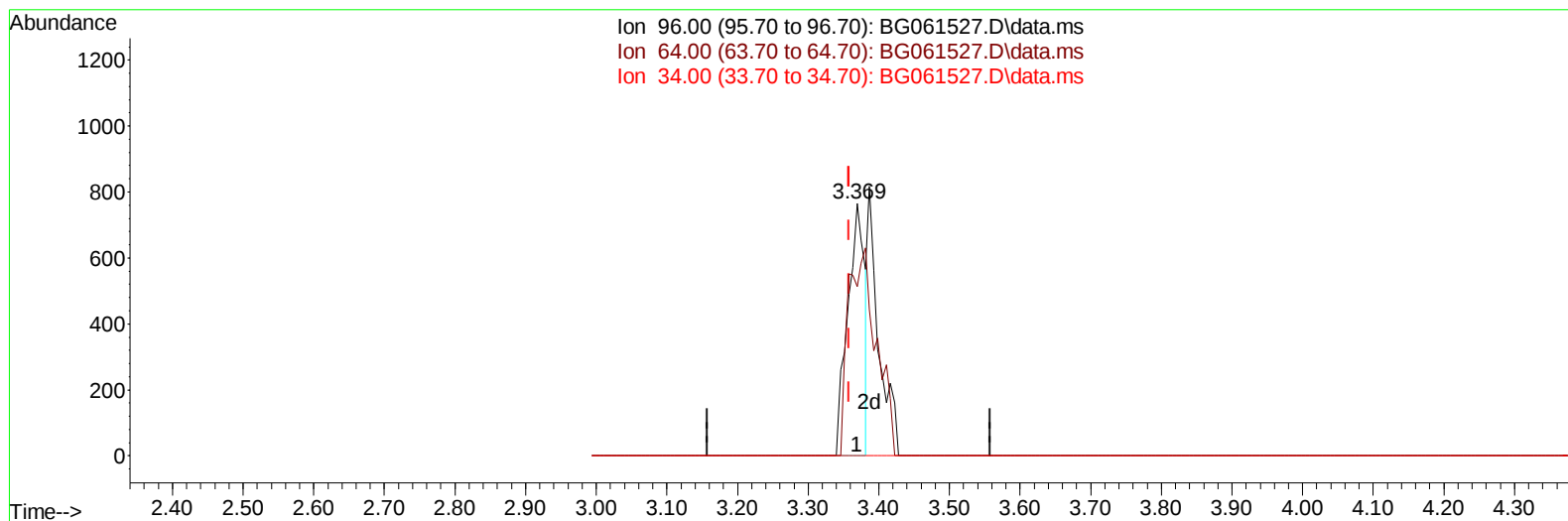
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061527.D
 Acq On : 7 Jun 2024 2:39
 Operator : MA/JU
 Sample : P2634-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:31:50 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: BG061527.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.369min (+ 0.011) 2.20 ng/uL

response 1276

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	67.10#
34.00	0.00	0.00
0.00	0.00	0.00

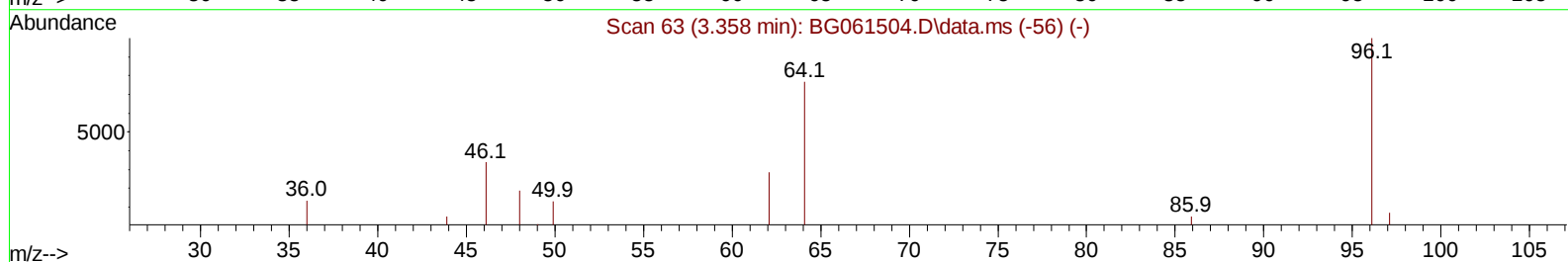
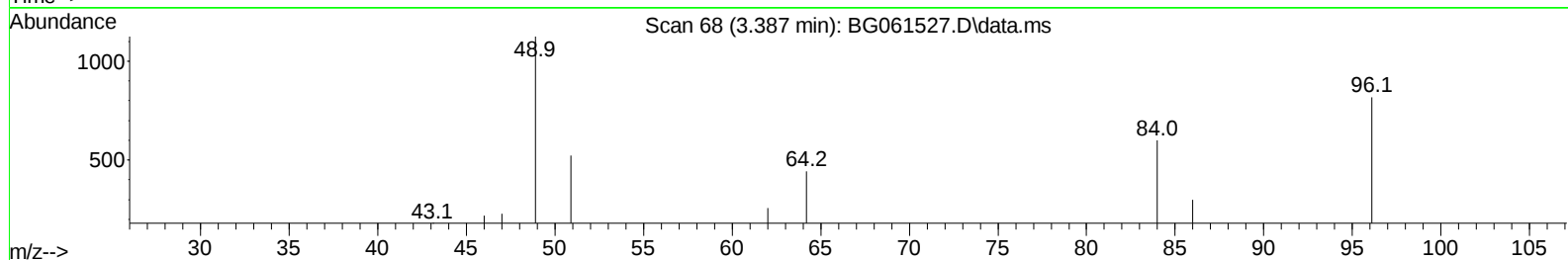
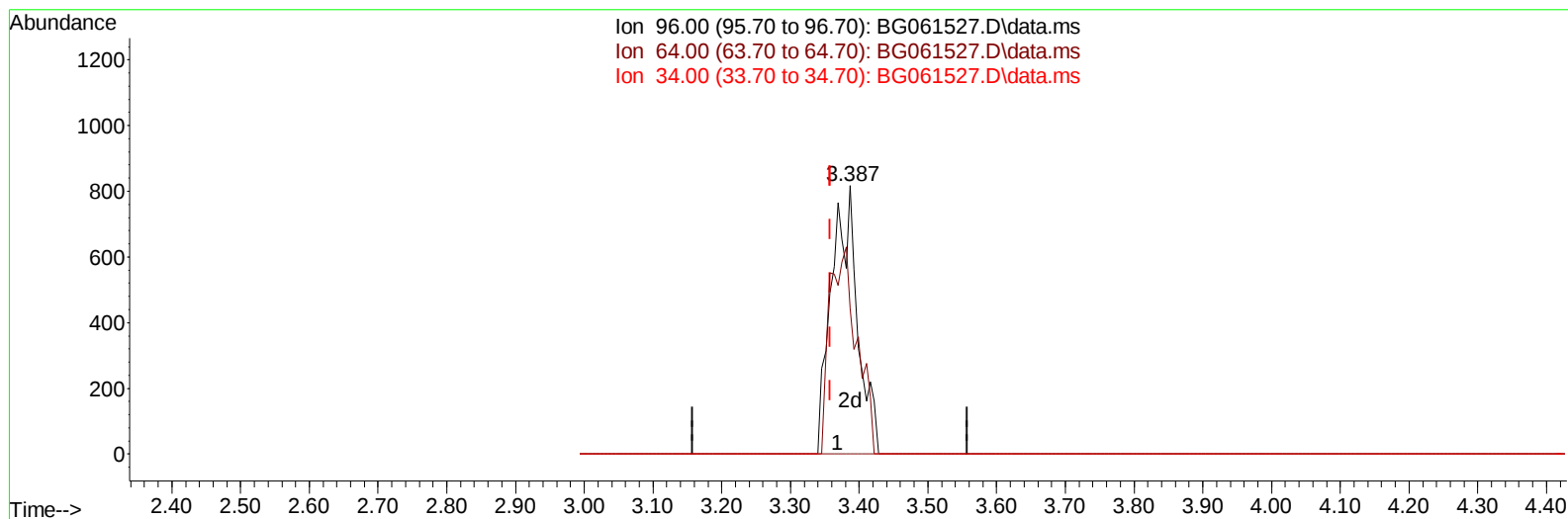
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 03:31:50 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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TIC: BG061527.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.387min (+ 0.029) 3.71 ng/uL m

response 2156

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	54.22#
34.00	0.00	0.00
0.00	0.00	0.00

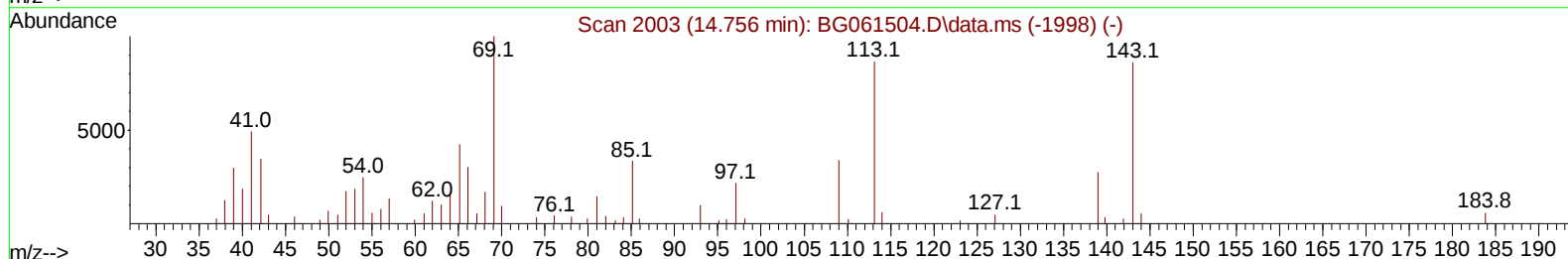
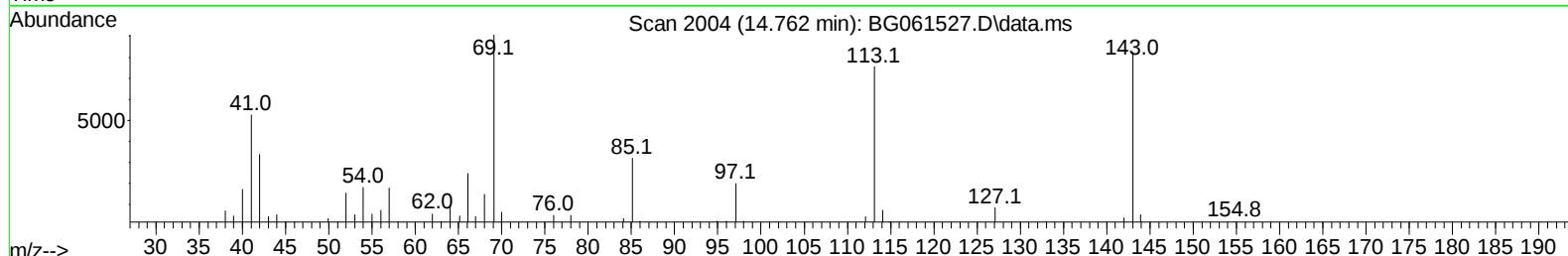
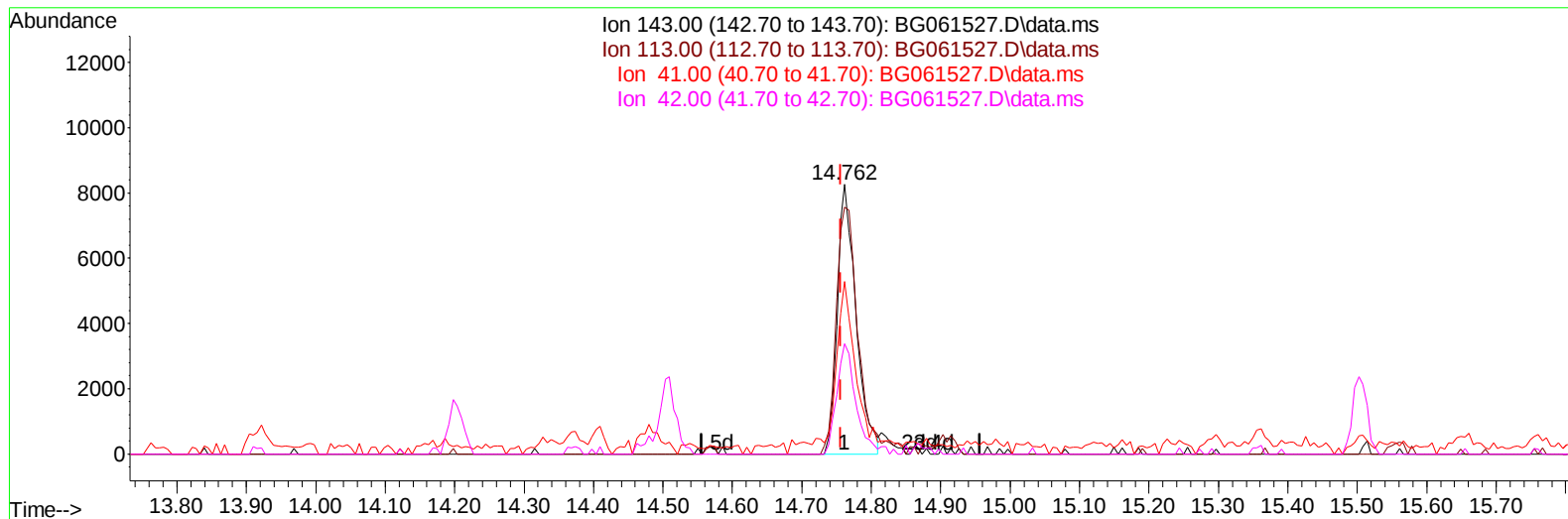
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:31:50 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061527.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.005) 19.89 ng/u1

response 15436

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	91.51#
41.00	77.10	63.91
42.00	49.50	40.92

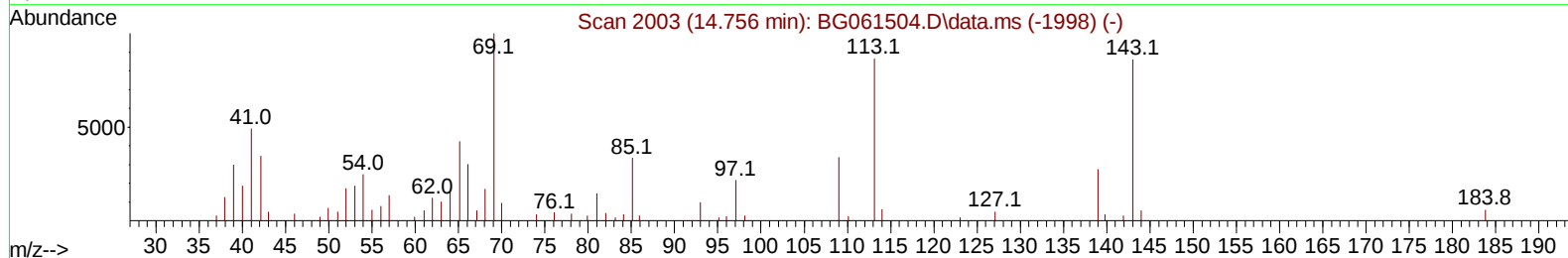
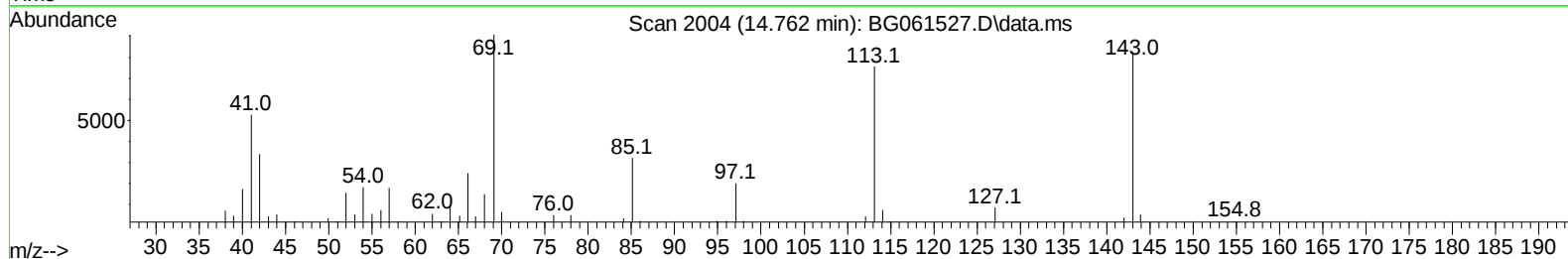
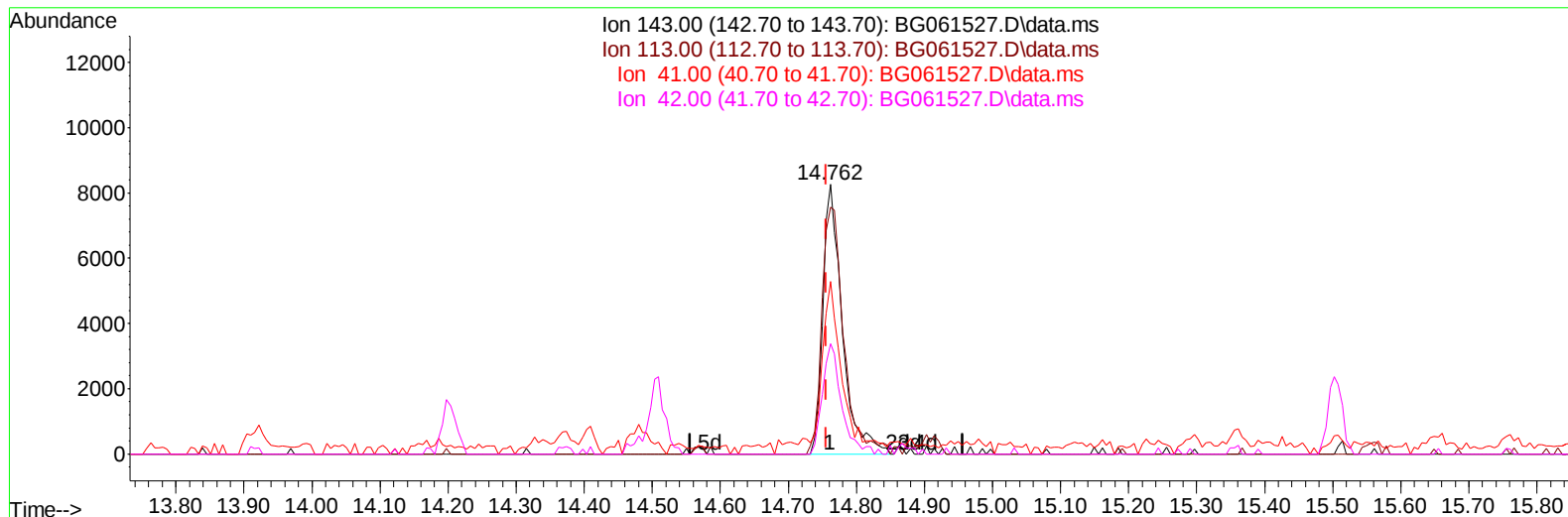
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:31:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Supervised By :mohammad ahmed 06/08/2024



TIC: BG061527.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.005) 20.89 ng/ul m

response 16211

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	91.51#
41.00	77.10	63.91
42.00	49.50	40.92

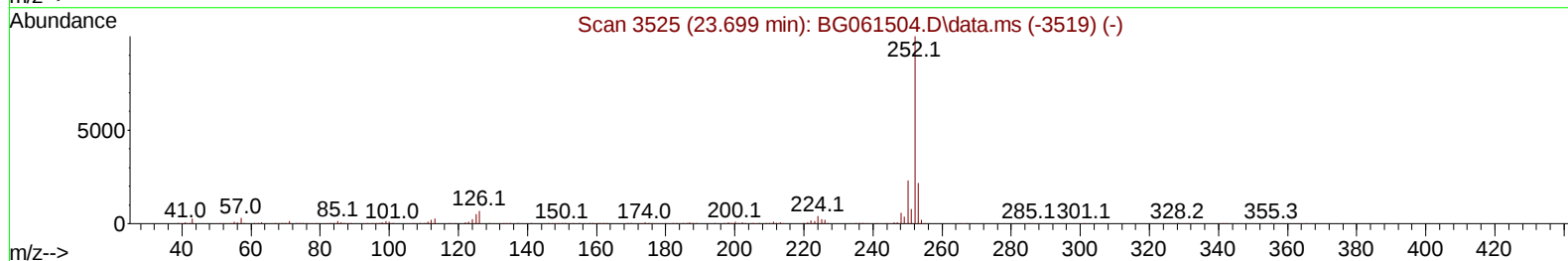
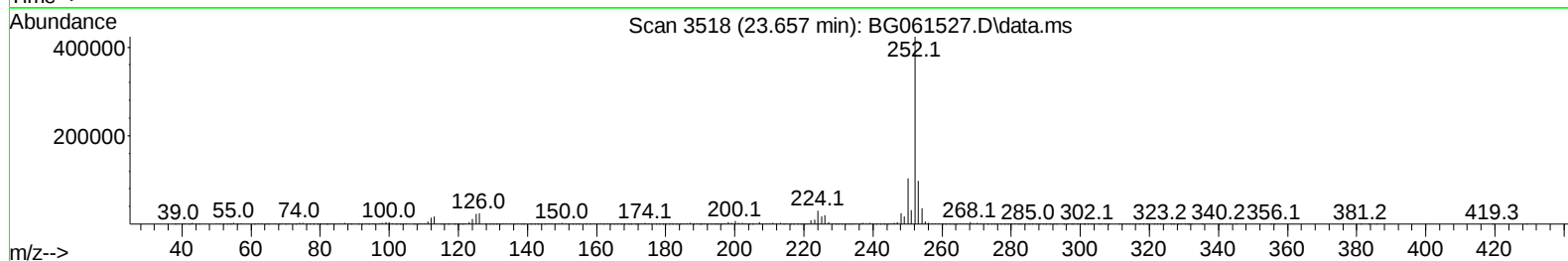
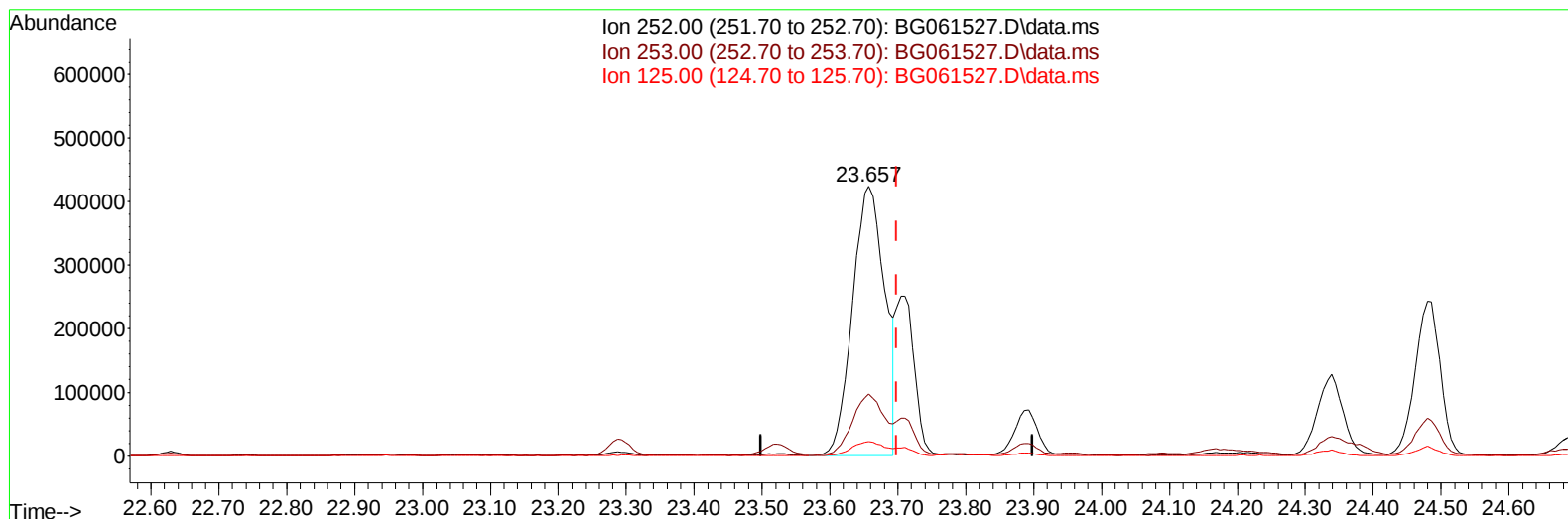
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:32:46 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: BG061527.D\data.ms

(91) Benzo(k)fluoranthene

23.657min (-0.042) 100.00 ng/u1

response 1399286

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.10
125.00	5.40	5.32
0.00	0.00	0.00

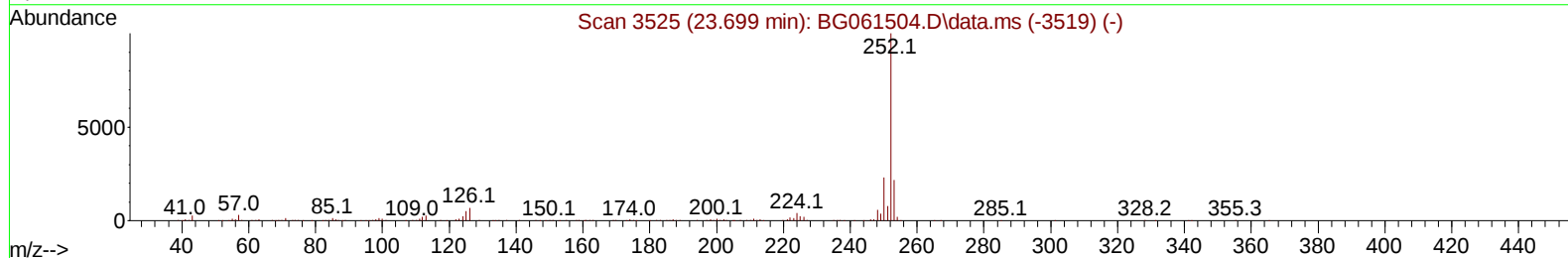
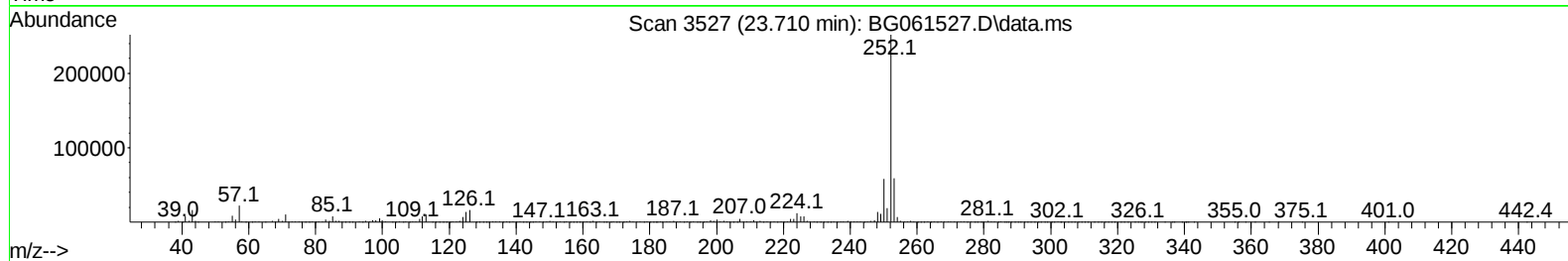
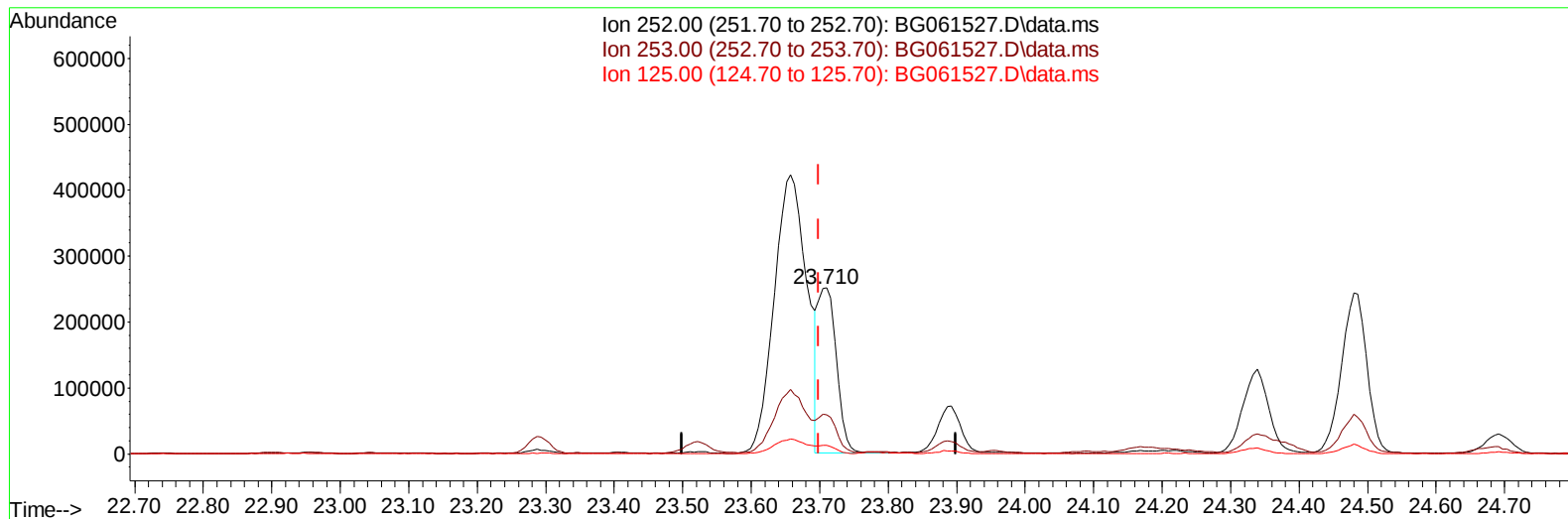
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:32:46 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: BG061527.D\data.ms

(91) Benzo(k)fluoranthene

23.710min (+ 0.011) 33.62 ng/ul m

response 470373

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.53
125.00	5.40	5.33
0.00	0.00	0.00

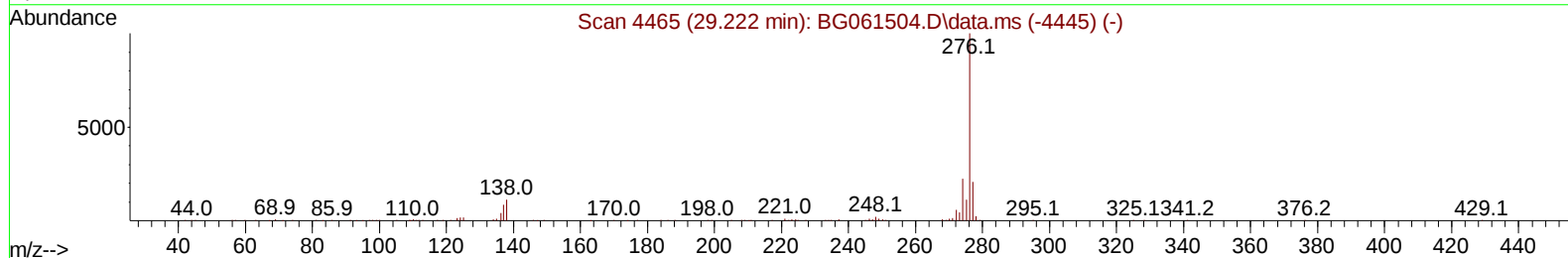
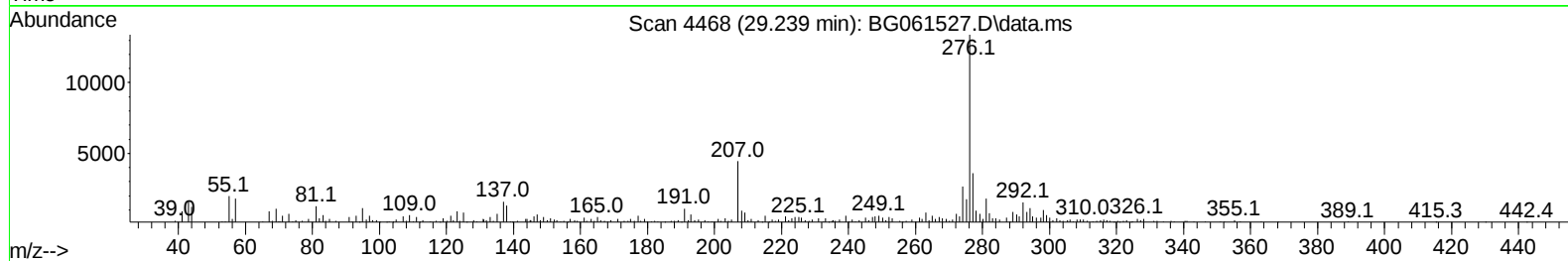
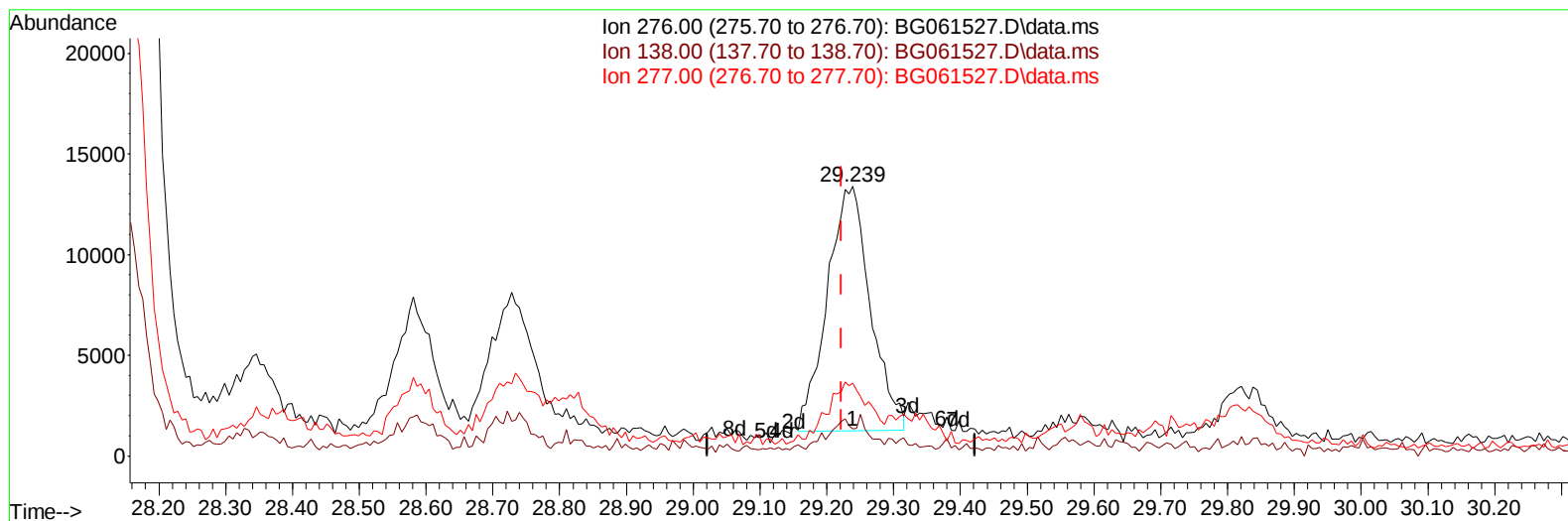
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHY2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:32:46 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: BG061527.D\data.ms

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

29.239min (+ 0.017) 4.32 ng/u1

response 54458

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.95
277.00	22.70	26.96
0.00	0.00	0.00

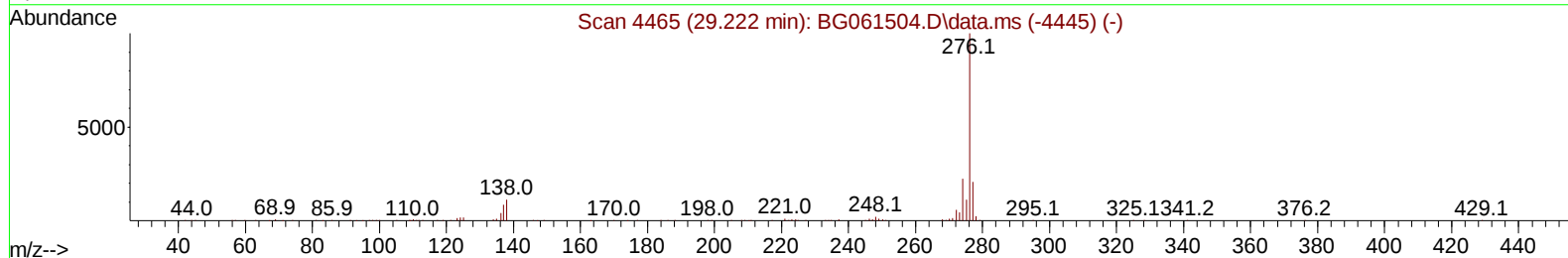
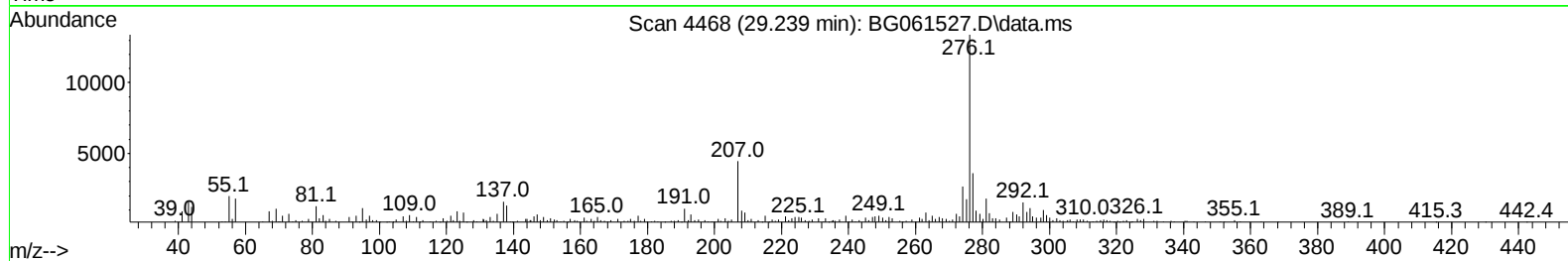
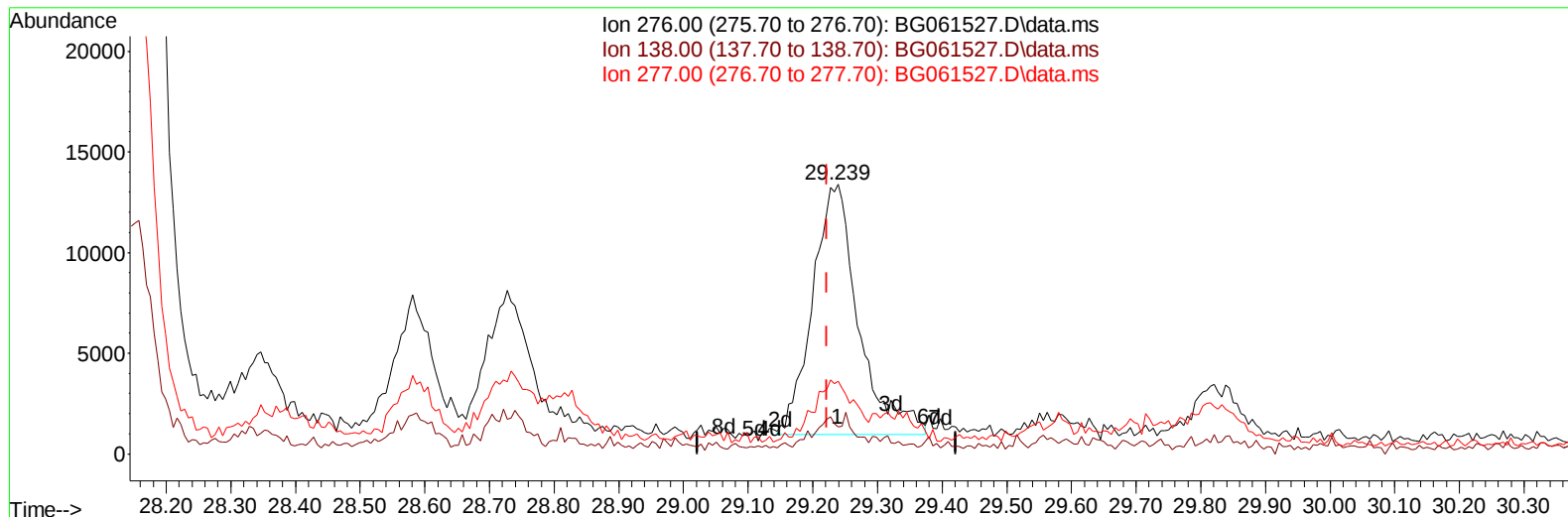
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:32:46 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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TIC: BG061527.D\data.ms

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

29.239min (+ 0.017) 4.85 ng/ul m

response 61128

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.95
277.00	22.70	26.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061527.D
 Acq On : 7 Jun 2024 2:39
 Operator : MA/JU
 Sample : P2634-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV2

Manual IntegrationsAPPROVED

Quant Time: Jun 07 03:34:04 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	32492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	116387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	80943	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	180051	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	200997	20.000	ng/ul	0.00
88) Perylene-d12	24.621	264	231503	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	2156m	3.713	ng/uL	0.03
4) Pyridine-d5	3.781	84	17948	8.689	ng/ul	0.01
7) Phenol-d5	7.071	99	50541	18.942	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	29833	17.788	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	42177	21.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	41413	18.202	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	20787	23.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	23923	22.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	48568	23.755	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	19712	7.369	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	145079	23.110	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	157233	24.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	16211m	20.887	ng/ul	0.00
60) Fluorene-d10	15.508	176	124012	22.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	6394	5.872	ng/ul	0.00
73) Anthracene-d10	17.359	188	206489	26.013	ng/ul	0.00
81) Pyrene-d10	19.656	212	232264	22.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.415	264	205296	18.446	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	8644	1.407	ng/ul#	96
36) 2-Methylnaphthalene	12.335	142	4976	1.117	ng/ul	92
37) 1-Methylnaphthalene	12.547	142	5479	1.198	ng/ul	96
50) Acenaphthylene	14.233	152	27022	3.734	ng/ul	97
52) Acenaphthene	14.574	153	25205	5.309	ng/ul	96
56) Dibenzofuran	14.909	168	10697	1.576	ng/ul	99
61) Fluorene	15.561	166	23114	3.935	ng/ul	93
72) Phenanthrene	17.306	178	607815	69.553	ng/ul	99
74) Anthracene	17.394	178	90366	10.001	ng/ul	98
77) Carbazole	17.670	167	54285	7.386	ng/ul	99
80) Fluoranthene	19.333	202	1828906	147.724	ng/ul	99
82) Pyrene	19.691	202	1502556	116.921	ng/ul	99
83) Butylbenzylphthalate	20.573	149	15872	3.595	ng/ul#	94
85) Benzo(a)anthracene	21.507	228	938619	67.678	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	88221	13.500	ng/ul#	97
87) Chrysene	21.571	228	1015713	79.537	ng/ul	97
90) Benzo(b)fluoranthene	23.657	252	1399286	101.518	ng/ul	98
91) Benzo(k)fluoranthene	23.710	252	470373m	33.616	ng/ul	
93) Benzo(a)pyrene	24.480	252	621937	47.518	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.152	276	462546	29.223	ng/ul	100
95) Dibenzo(a,h)anthracene	28.181	278	142375	10.909	ng/ul	96
96) Benzo(g,h,i)perylene	29.239	276	61128m	4.855	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
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