

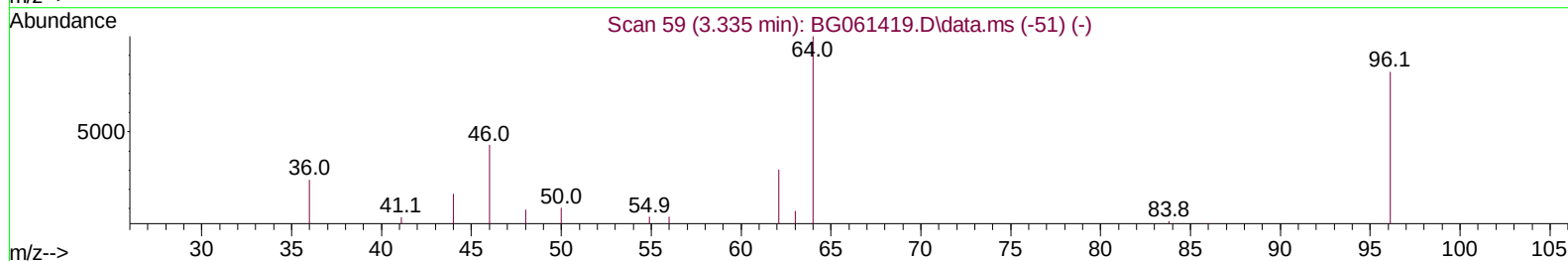
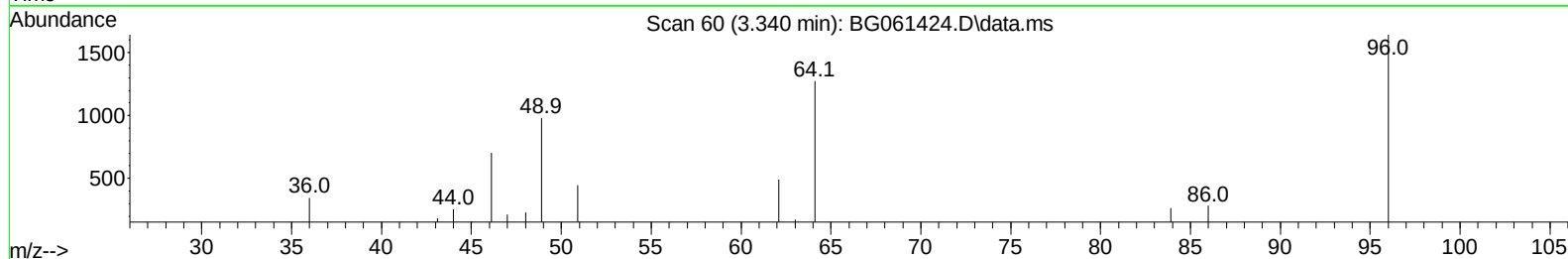
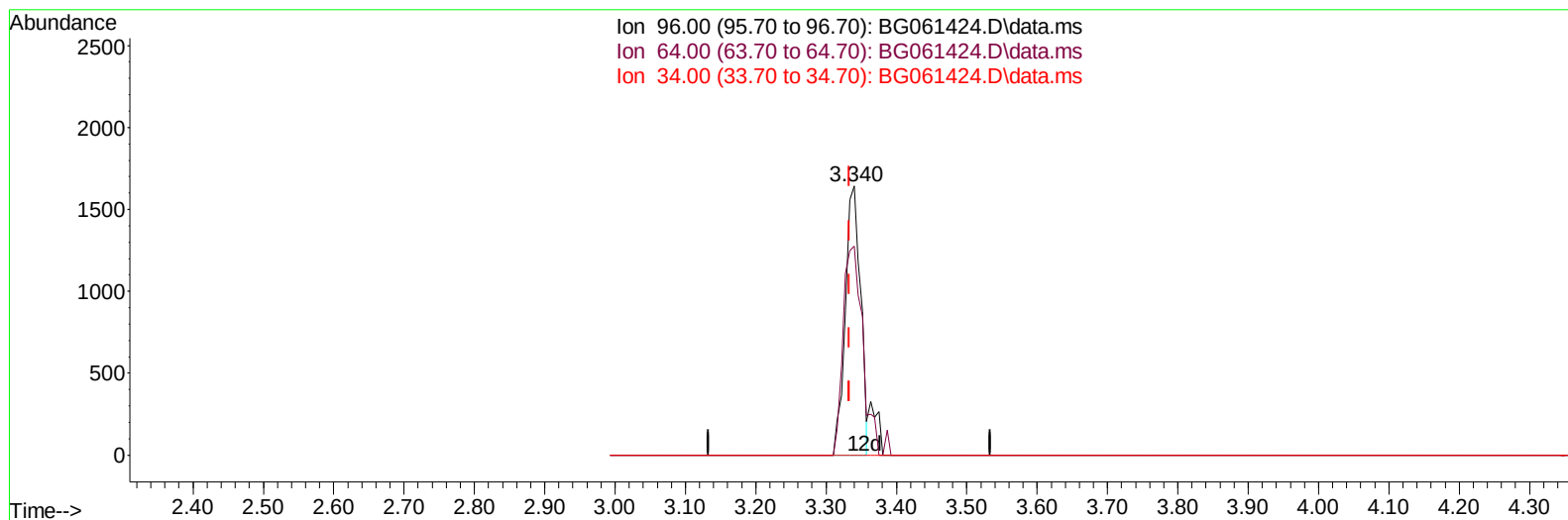
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 16:17:08 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



TIC: BG061424.D\data.ms

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

3.340min (+ 0.006) 3.66 ng/uL

response 2443

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	77.65
34.00	0.00	0.00
0.00	0.00	0.00

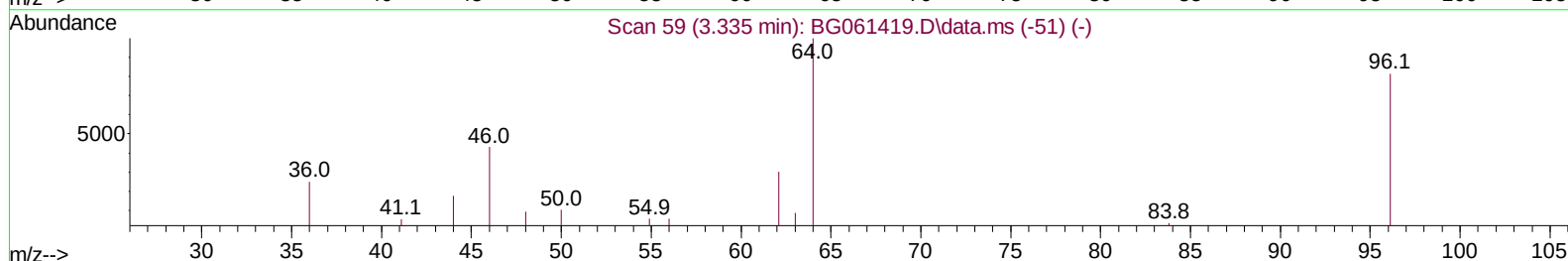
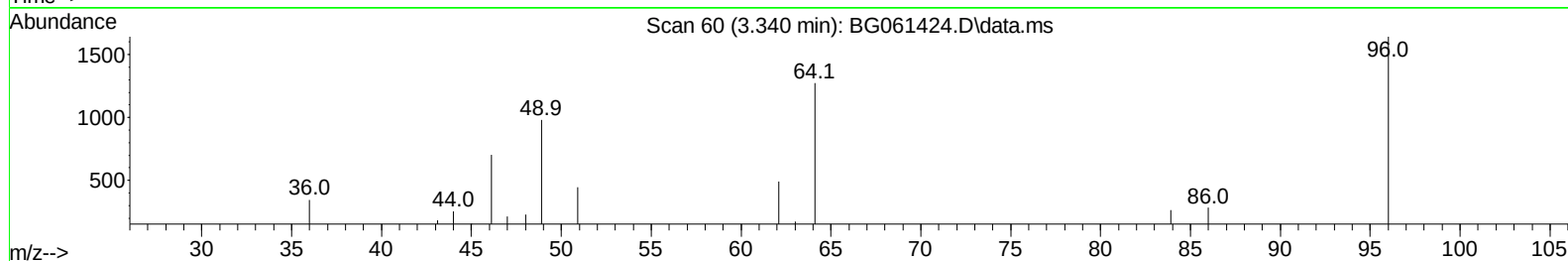
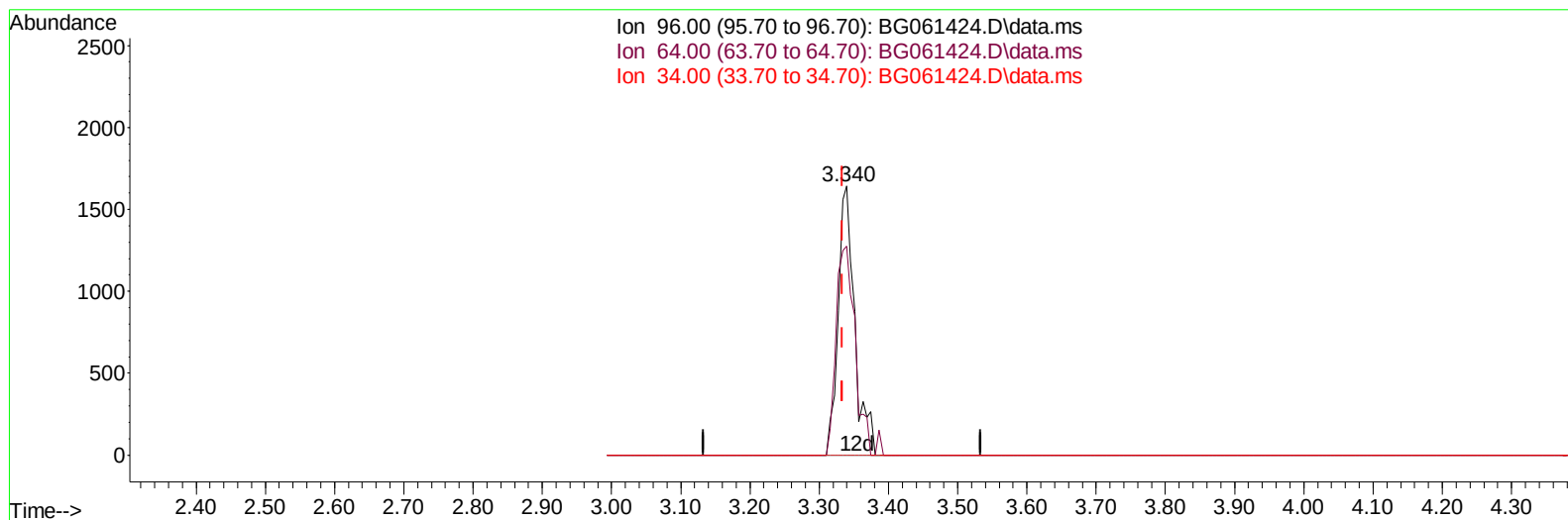
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:17:08 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: BG061424.D\data.ms

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

3.340min (+ 0.006) 4.09 ng/uL m

response 2733

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	77.65
34.00	0.00	0.00
0.00	0.00	0.00

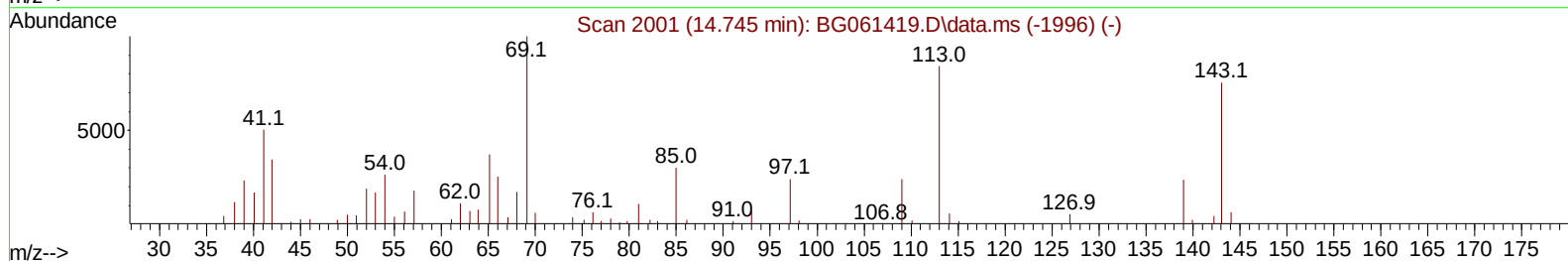
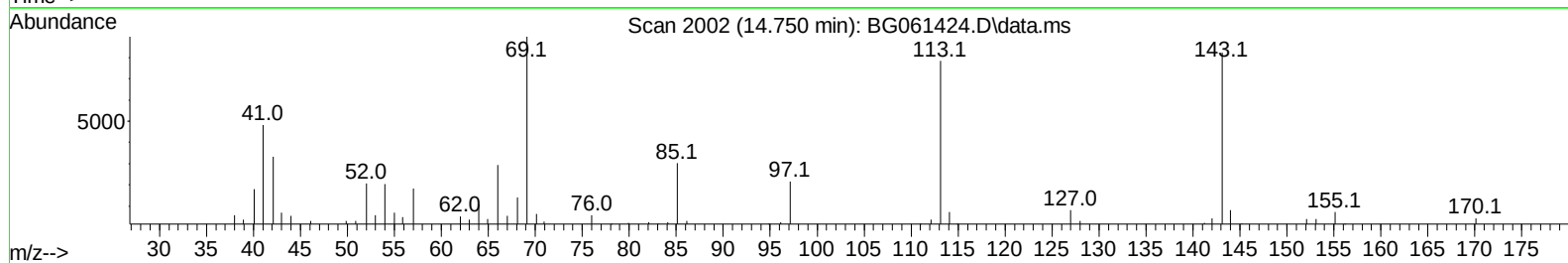
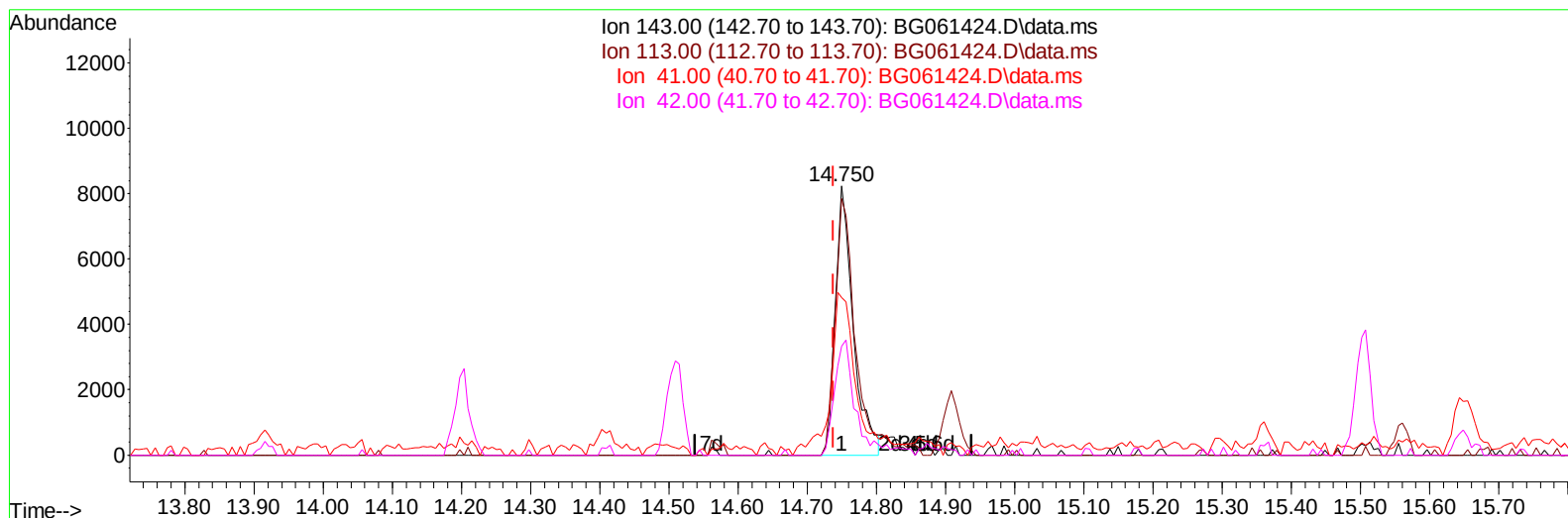
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061424.D
 Acq On : 3 Jun 2024 15:26
 Operator : MA/JU
 Sample : P2577-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:19:38 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: BG061424.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.750min (+ 0.012) 13.53 ng/ul

response 14824

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	95.31#
41.00	77.10	58.55#
42.00	49.50	40.38

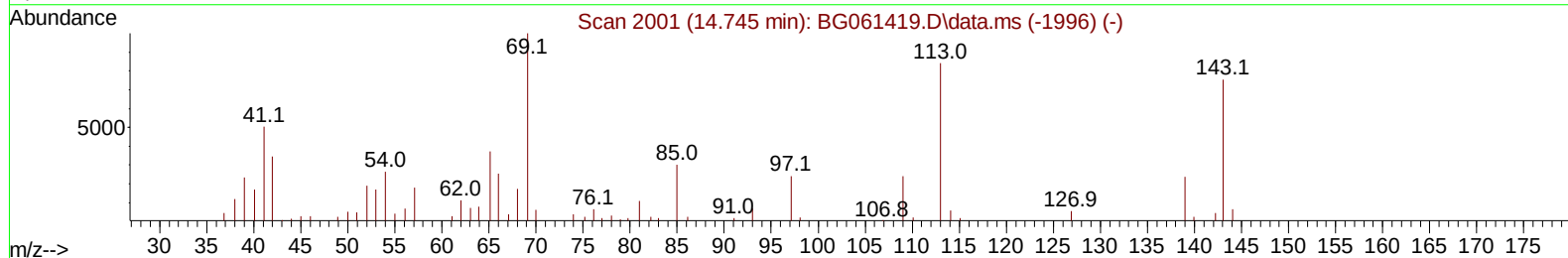
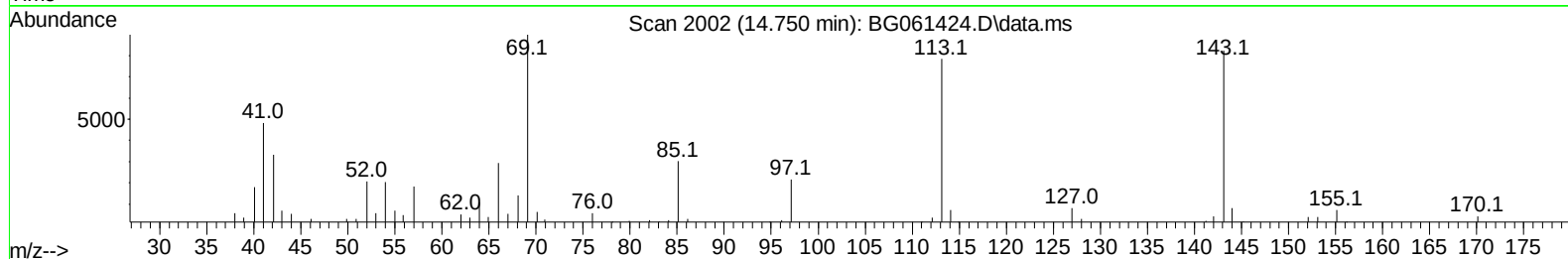
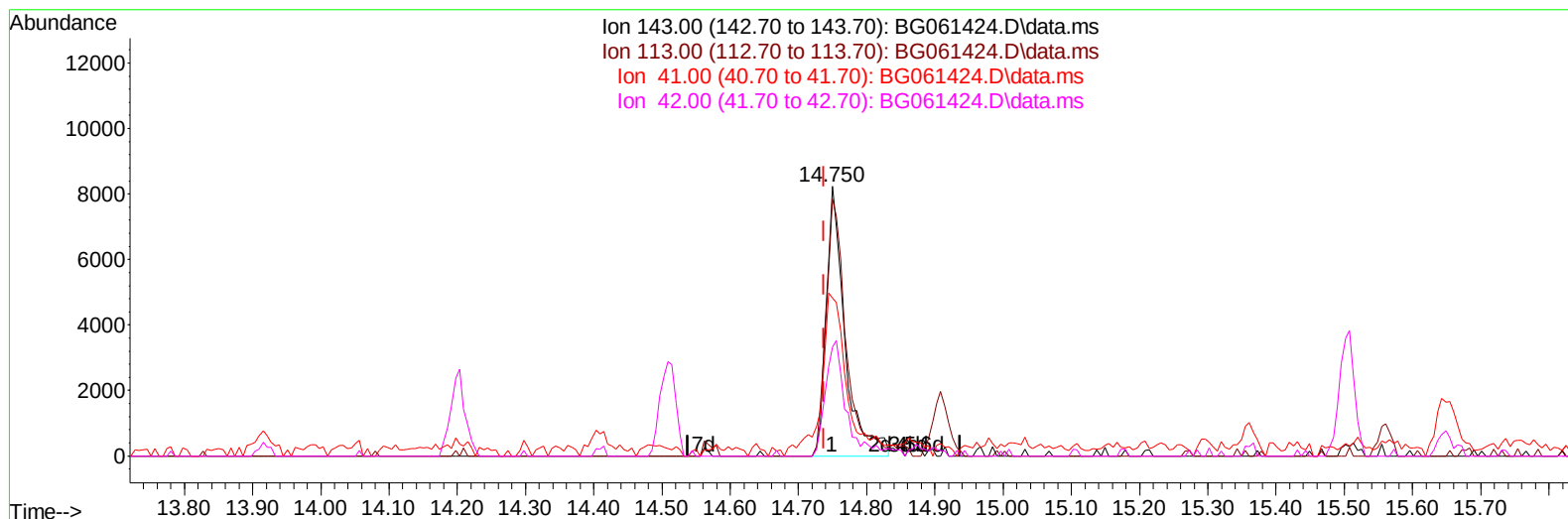
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:19:38 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: BG061424.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.750min (+ 0.012) 14.30 ng/ul m

response 15664

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	95.31#
41.00	77.10	58.55#
42.00	49.50	40.38

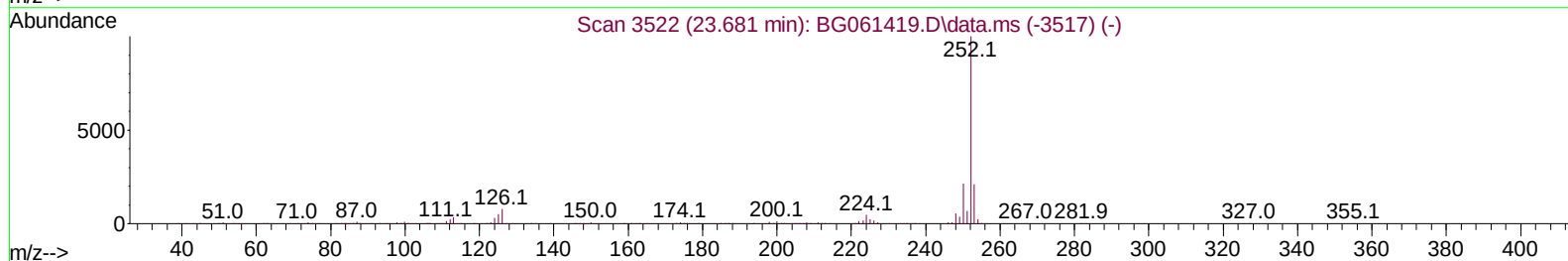
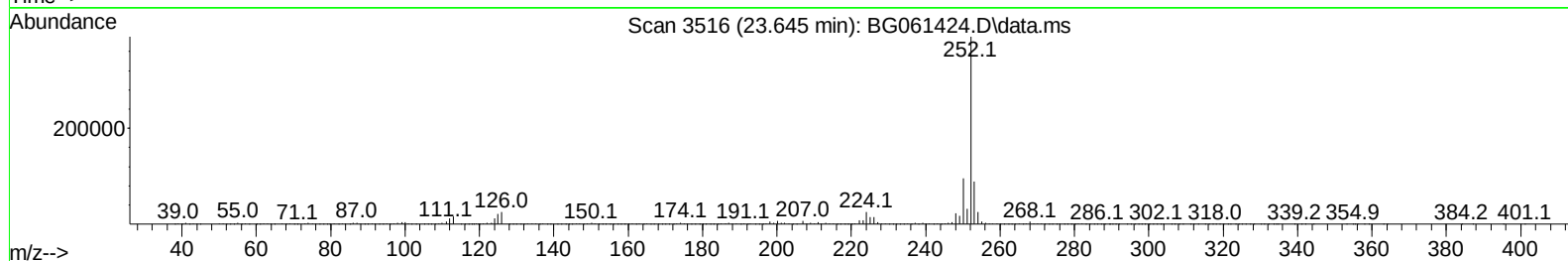
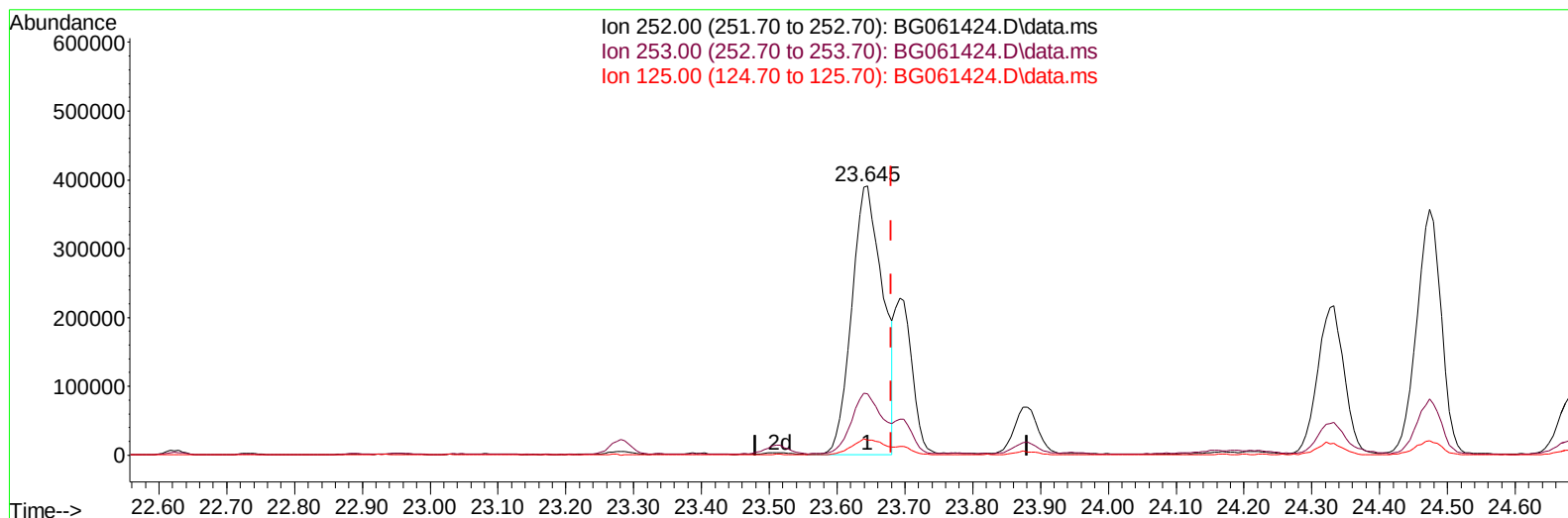
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061424.D
 Acq On : 3 Jun 2024 15:26
 Operator : MA/JU
 Sample : P2577-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:17:08 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 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061424.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.035) 64.77 ng/u1

response 1242264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.84
125.00	5.40	5.57
0.00	0.00	0.00

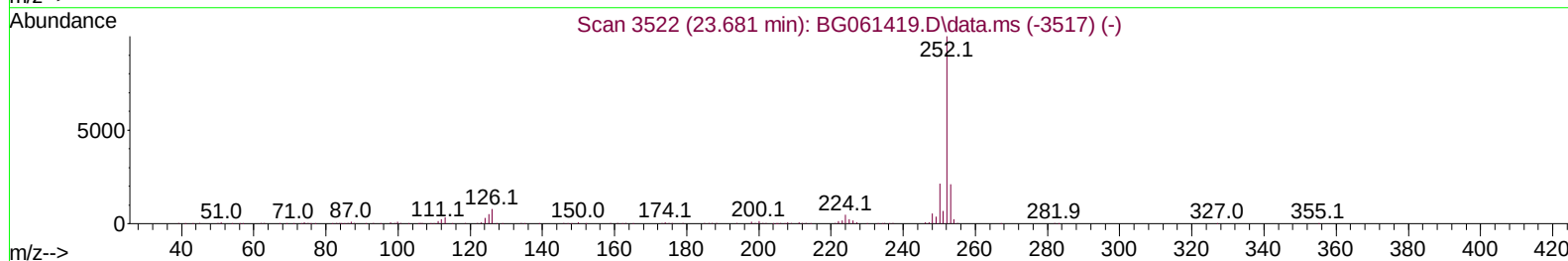
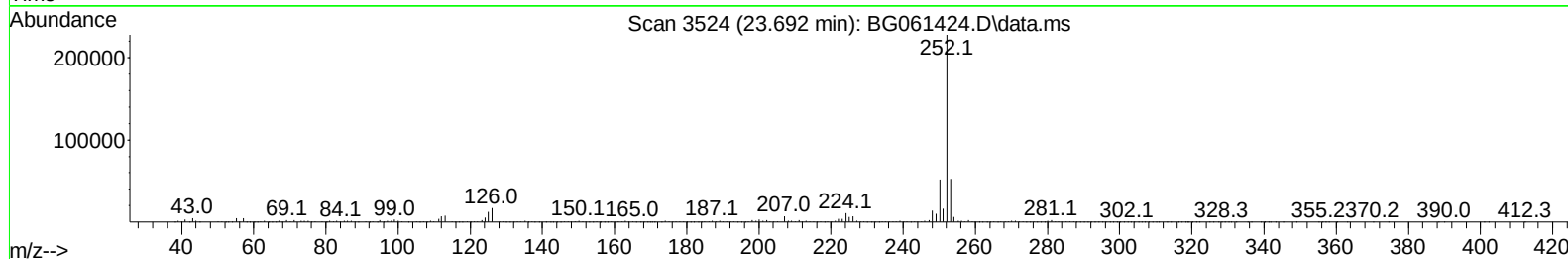
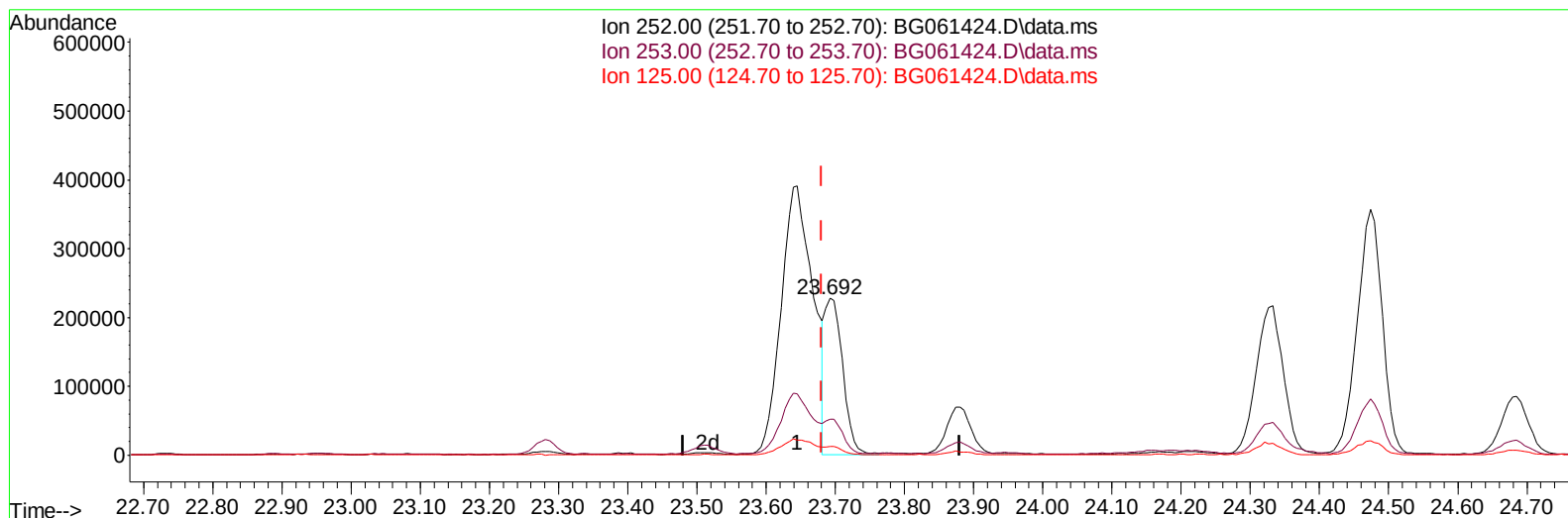
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:17:08 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: BG061424.D\data.ms

(91) Benzo(k)fluoranthene

23.692min (+ 0.012) 21.36 ng/ul m

response 409721

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.04
125.00	5.40	5.60
0.00	0.00	0.00

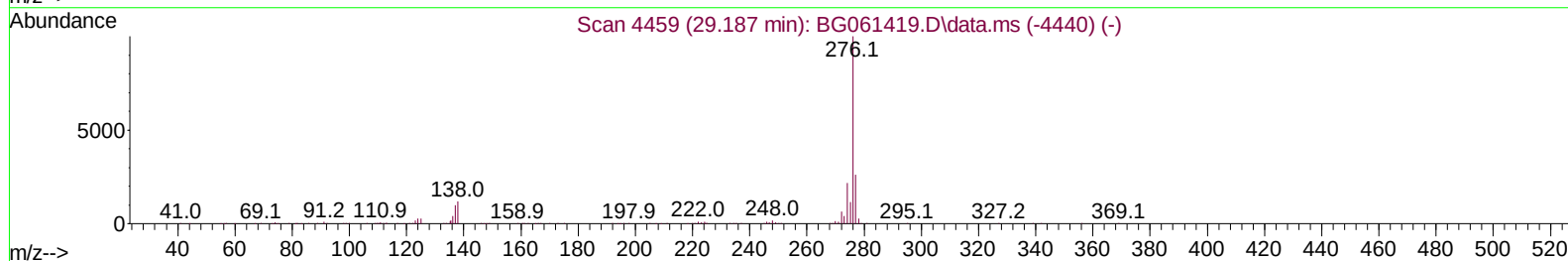
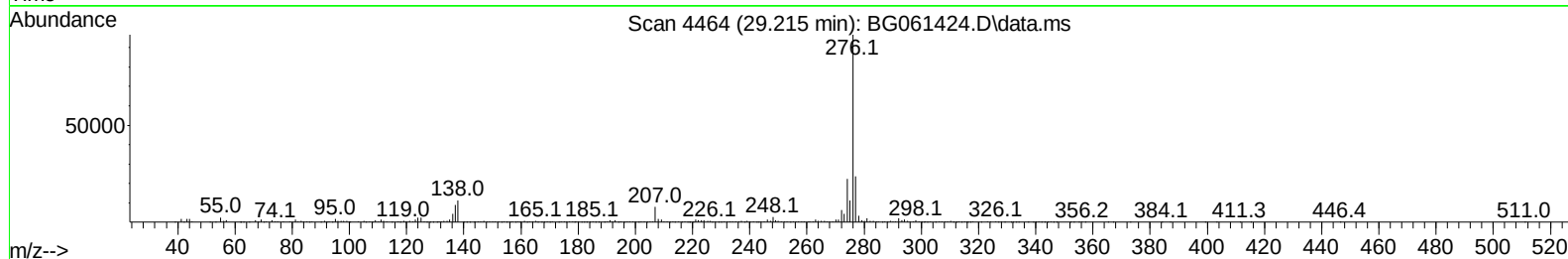
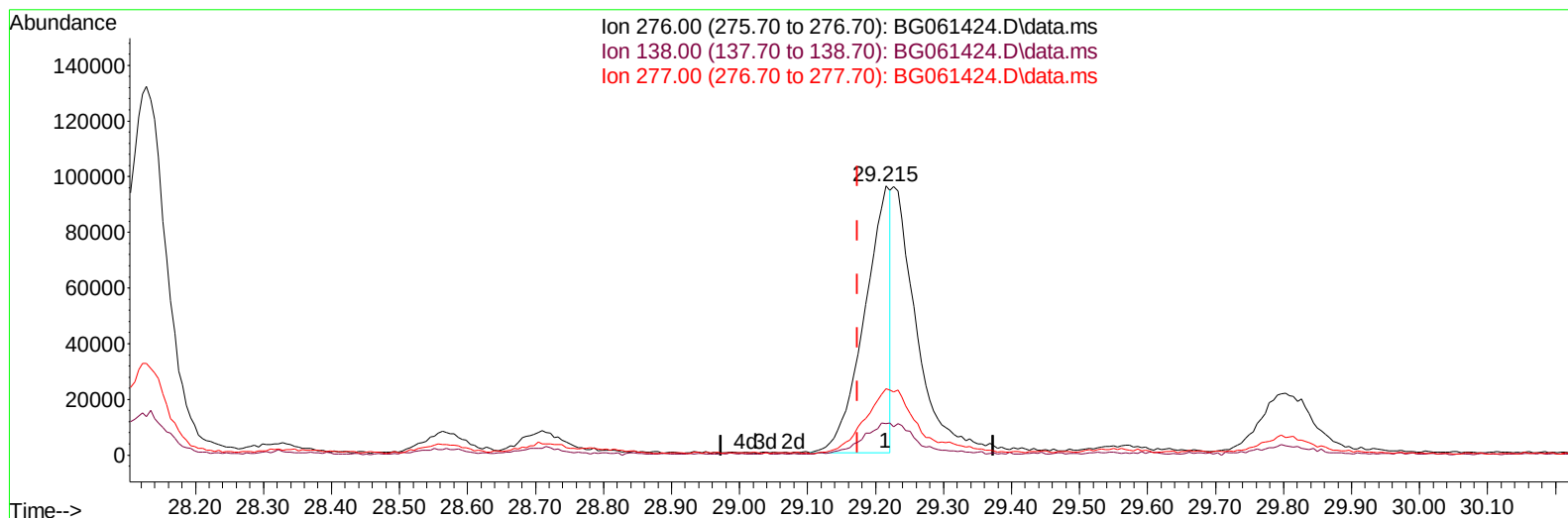
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:17:08 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: BG061424.D\data.ms

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

29.215min (+ 0.041) 14.78 ng/ul

response 255140

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.72
277.00	22.70	24.58
0.00	0.00	0.00

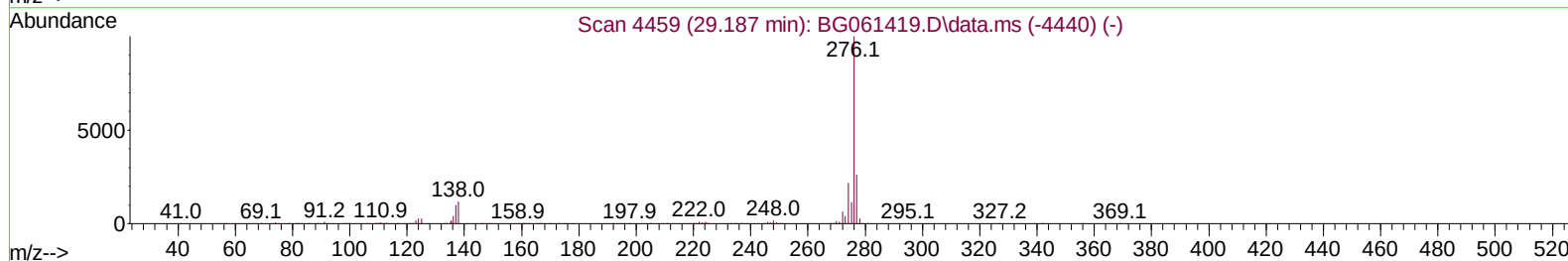
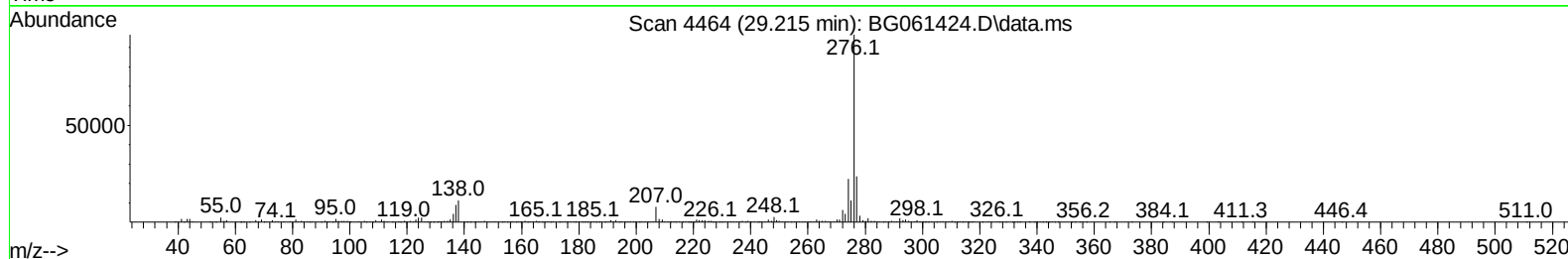
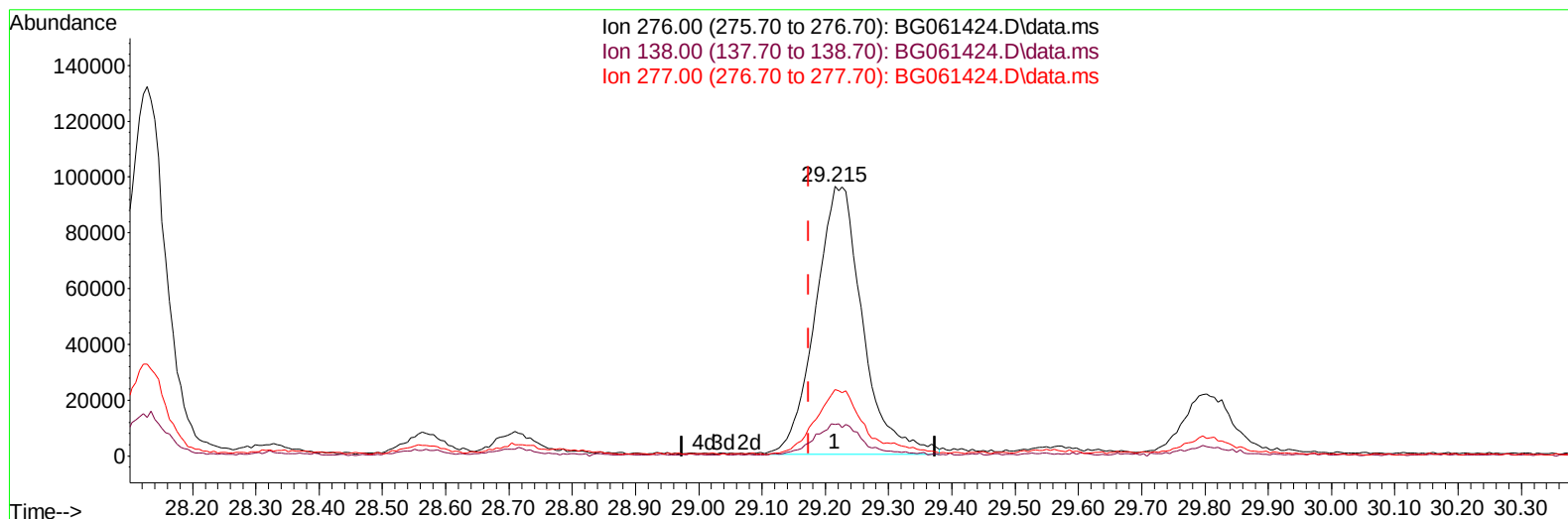
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061424.D
 Acq On : 3 Jun 2024 15:26
 Operator : MA/JU
 Sample : P2577-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 16:17:08 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: BG061424.D\data.ms

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

29.215min (+ 0.041) 28.94 ng/ul m

response 499424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.72
277.00	22.70	24.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061424.D
 Acq On : 3 Jun 2024 15:26
 Operator : MA/JU
 Sample : P2577-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7

Manual IntegrationsAPPROVED

Quant Time: Jun 03 23:33:20 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	7.870	152	37400	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	147774	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	114267	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	265334	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	272064	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	317332	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2733m	4.089	ng/uL	0.00
4) Pyridine-d5	3.751	84	5978	2.514	ng/ul	0.01
7) Phenol-d5	7.059	99	64432	20.979	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	43894	22.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	55381	24.365	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	53411	20.395	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	28649	25.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	31363	23.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	63711	24.543	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	34563	10.177	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	216759	24.459	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	243659	26.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	15664m	14.296	ng/ul	0.01
60) Fluorene-d10	15.508	176	195920	25.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	28533	17.780	ng/ul	0.01
73) Anthracene-d10	17.358	188	333679	28.525	ng/ul	0.00
81) Pyrene-d10	19.656	212	400765	28.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	433316	28.403	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	14978	1.920	ng/ul#	95
36) 2-Methylnaphthalene	12.329	142	9655	1.707	ng/ul	98
37) 1-Methylnaphthalene	12.552	142	9161	1.578	ng/ul#	76
52) Acenaphthene	14.573	153	53464	7.977	ng/ul	98
56) Dibenzofuran	14.908	168	51172	5.340	ng/ul	98
61) Fluorene	15.561	166	65989	7.959	ng/ul	97
72) Phenanthrene	17.306	178	1224269	95.065	ng/ul	99
74) Anthracene	17.394	178	258176	19.389	ng/ul	99
77) Carbazole	17.664	167	108881	10.053	ng/ul	97
80) Fluoranthene	19.327	202	1956952	116.777	ng/ul	99
82) Pyrene	19.691	202	1725441	99.193	ng/ul	100
85) Benzo(a)anthracene	21.501	228	1024796	54.590	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	18734	2.118	ng/ul#	90
87) Chrysene	21.565	228	1021809	59.114	ng/ul	96
90) Benzo(b)fluoranthene	23.645	252	1242264	65.750	ng/ul	99
91) Benzo(k)fluoranthene	23.692	252	409721m	21.361	ng/ul	
93) Benzo(a)pyrene	24.474	252	894345	49.849	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.128	276	576063	26.552	ng/ul	99
95) Dibenzo(a,h)anthracene	28.158	278	154381	8.630	ng/ul	99
96) Benzo(g,h,i)perylene	29.215	276	499424m	28.935	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BHBN7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/05/2024

