

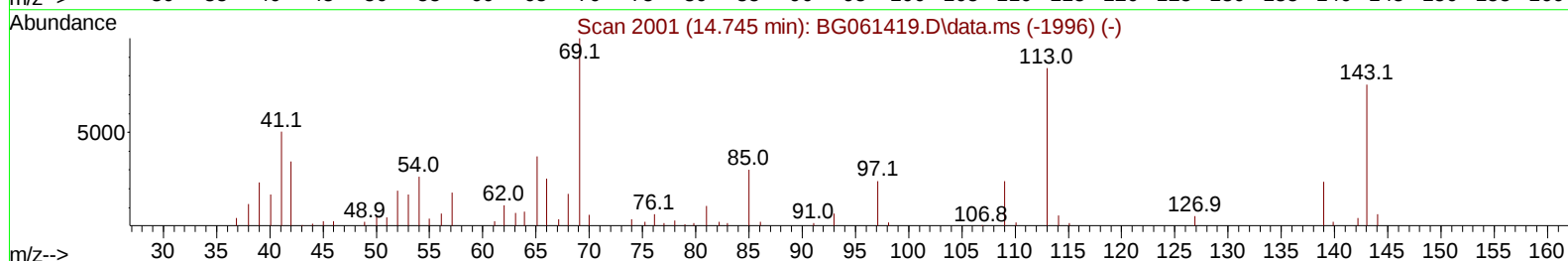
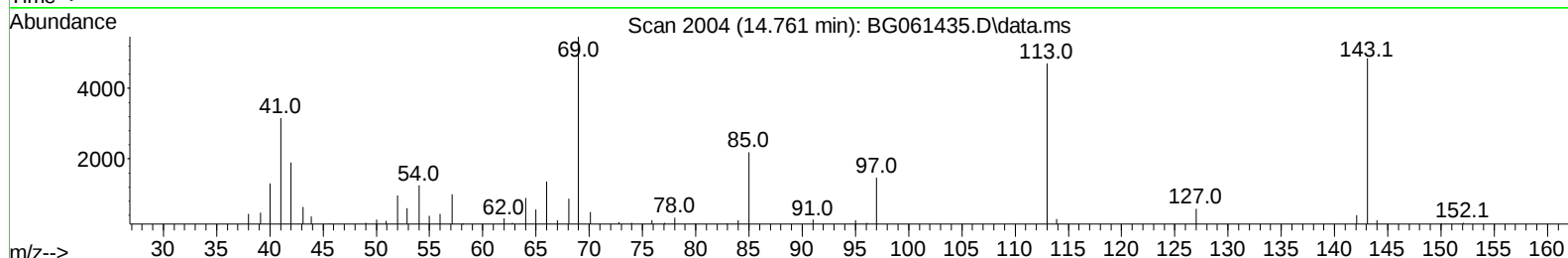
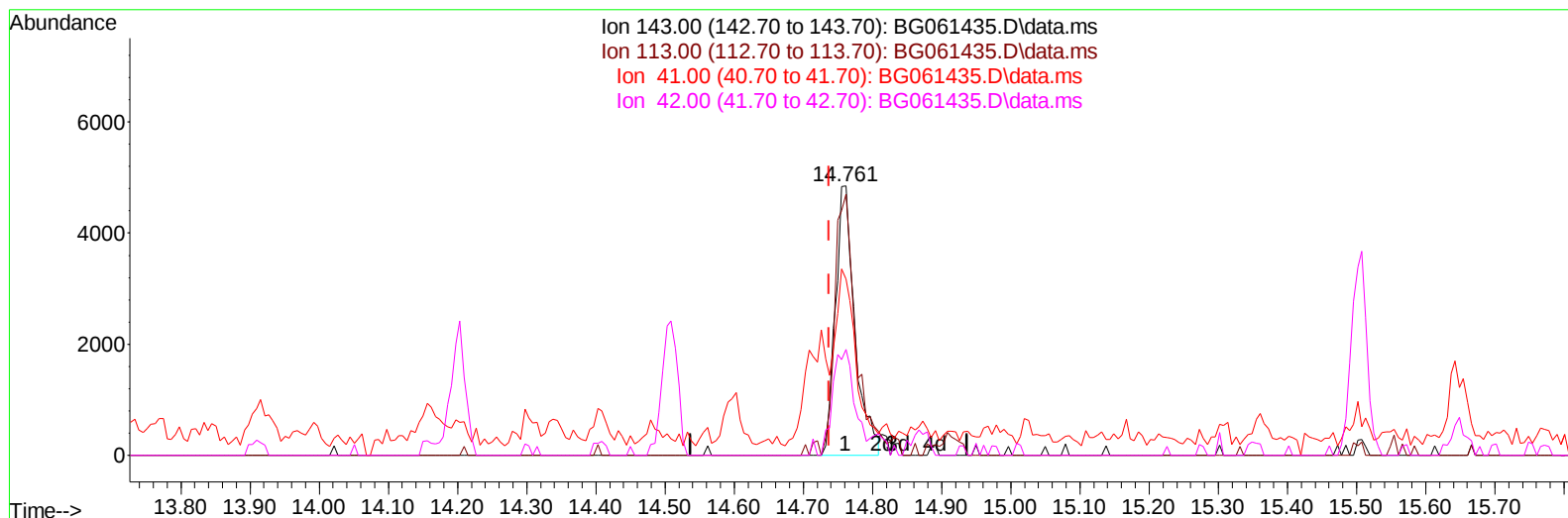
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061435.D
Acq On : 3 Jun 2024 23:41
Operator : MA/JU
Sample : P2589-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:15:30 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: BG061435.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.761min (+ 0.024) 9.58 ng/u1

response 9510

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	97.11#
41.00	77.10	65.36
42.00	49.50	39.20#

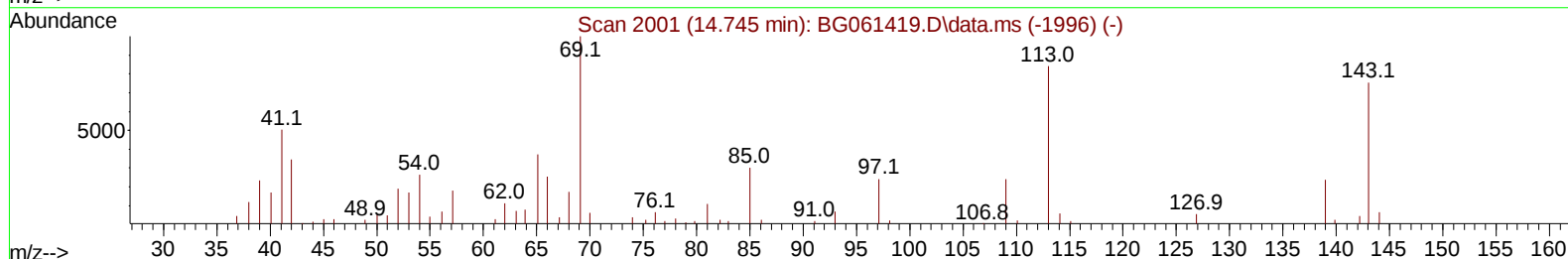
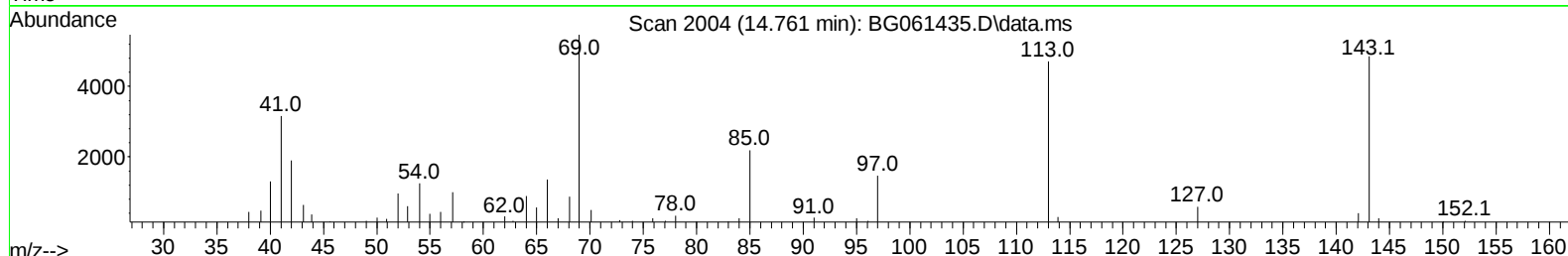
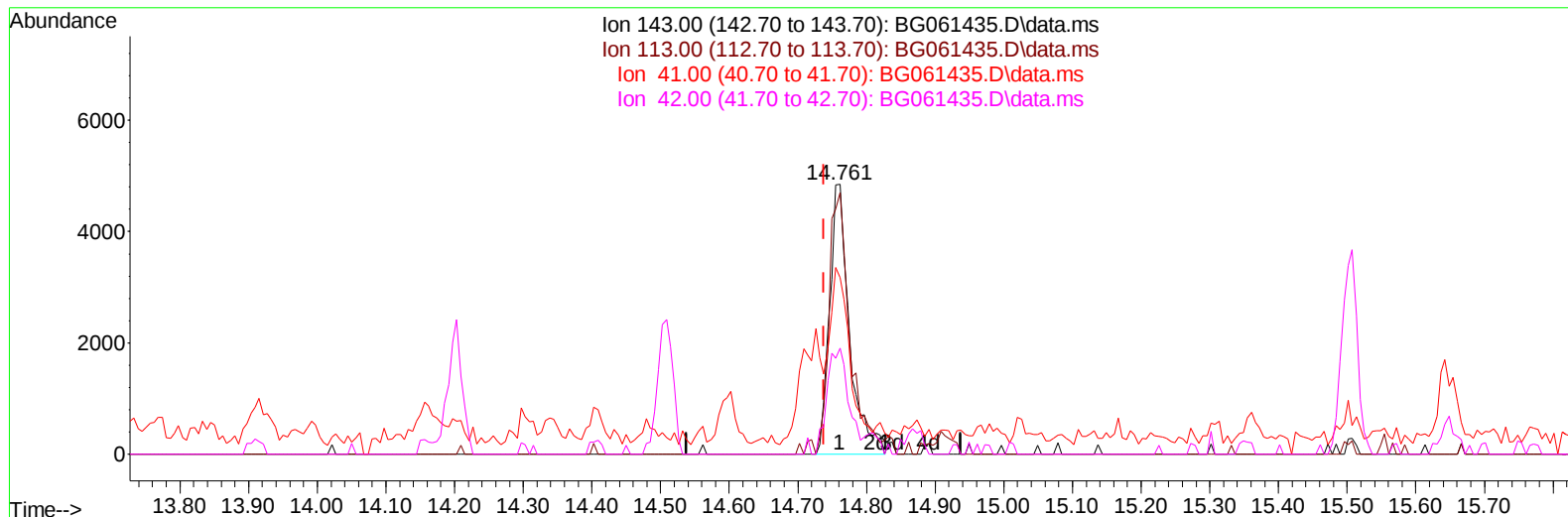
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061435.D
Acq On : 3 Jun 2024 23:41
Operator : MA/JU
Sample : P2589-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:17:44 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: BG061435.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.761min (+ 0.024) 9.83 ng/ul m

response 9759

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	97.11#
41.00	77.10	65.36
42.00	49.50	39.20#

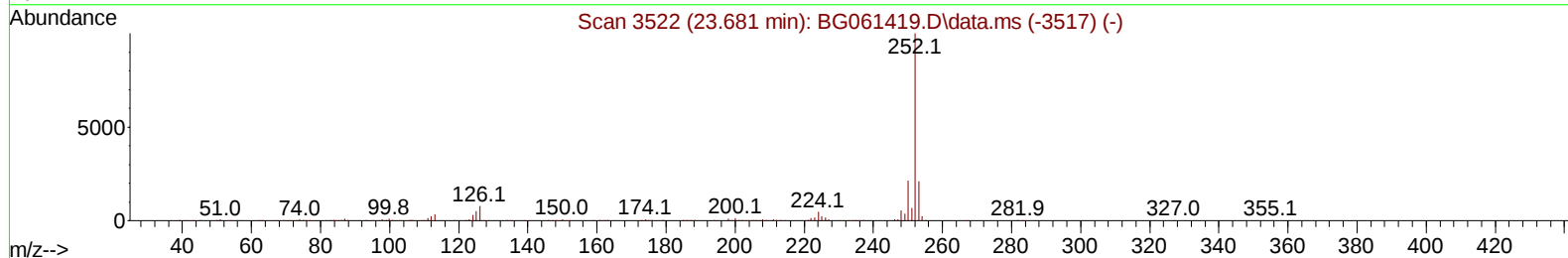
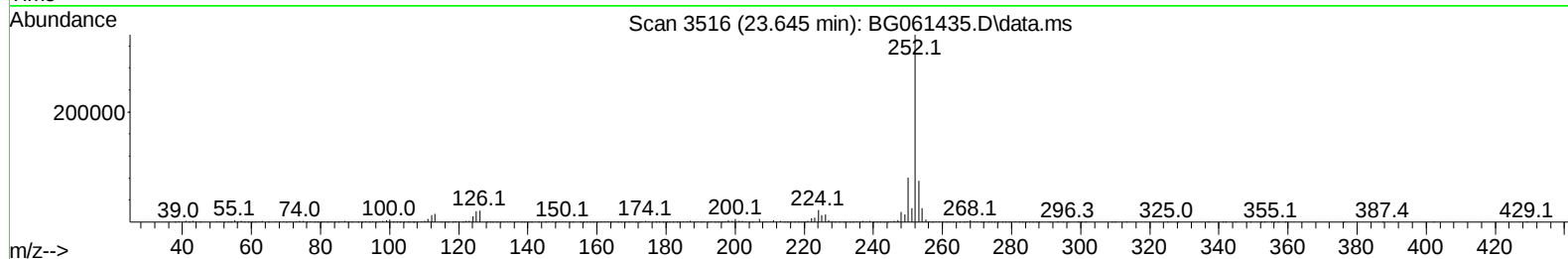
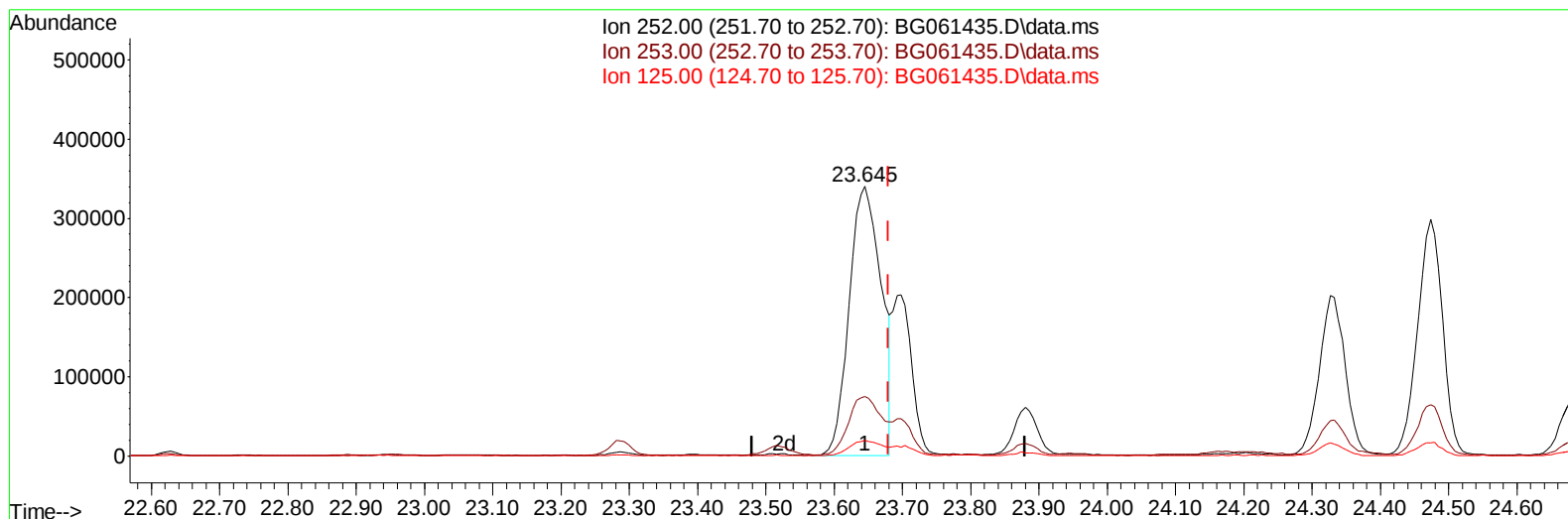
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061435.D
 Acq On : 3 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2589-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:16:32 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



TIC: BG061435.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.035) 61.36 ng/u1

response 1106472

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.18
125.00	5.40	5.83
0.00	0.00	0.00

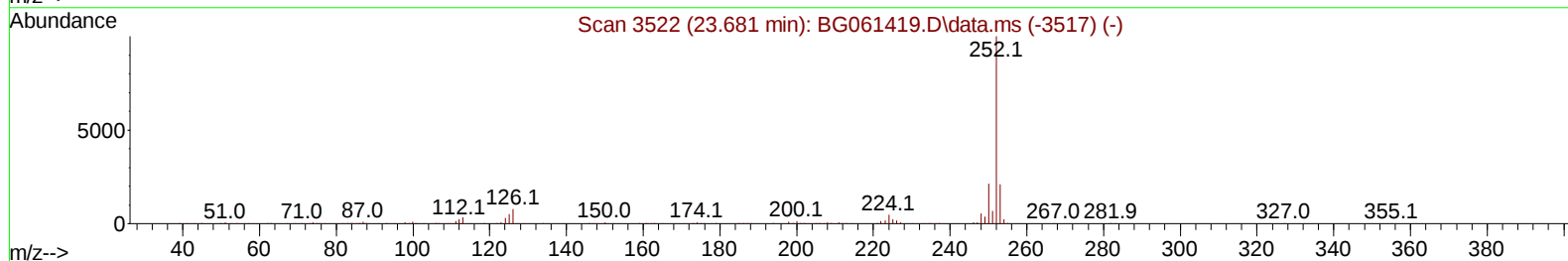
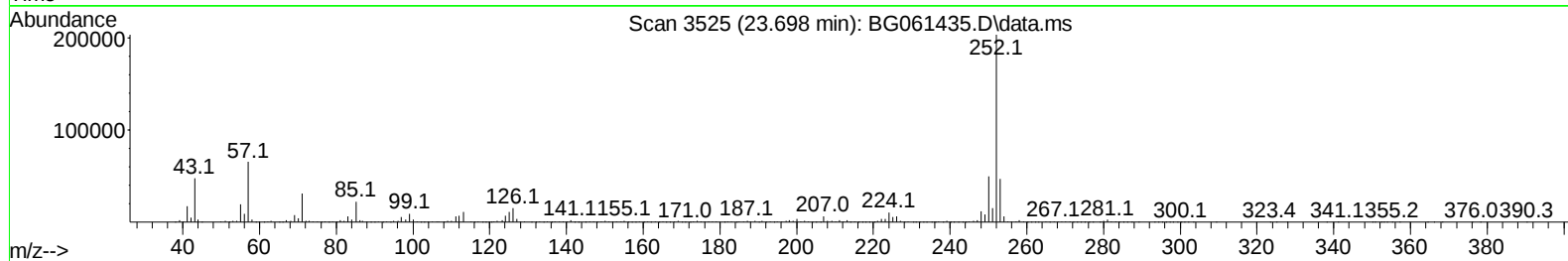
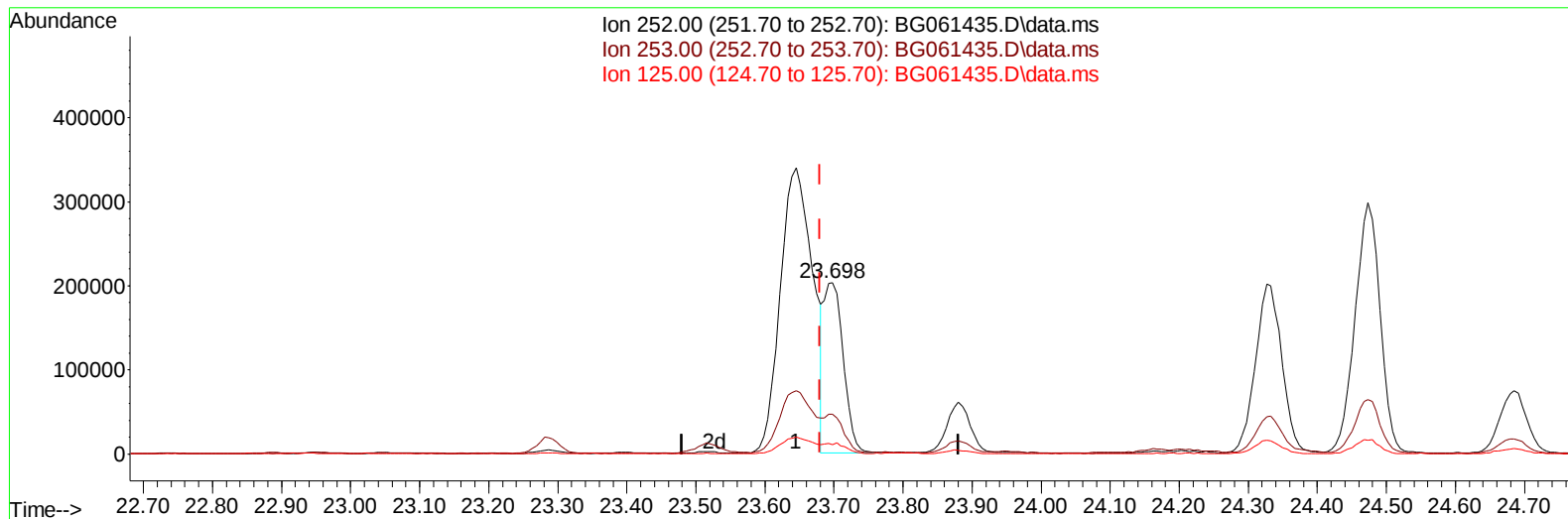
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061435.D
Acq On : 3 Jun 2024 23:41
Operator : MA/JU
Sample : P2589-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:16:32 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
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Supervised By :mohammad ahmed 06/05/2024



TIC: BG061435.D\data.ms

(91) Benzo(k)fluoranthene

23.698min (+ 0.018) 21.89 ng/ul m

response 394788

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.25
125.00	5.40	5.56
0.00	0.00	0.00

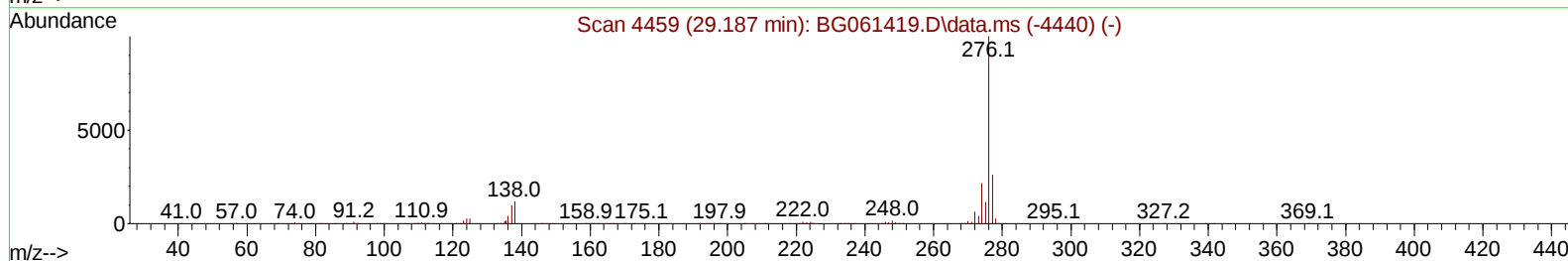
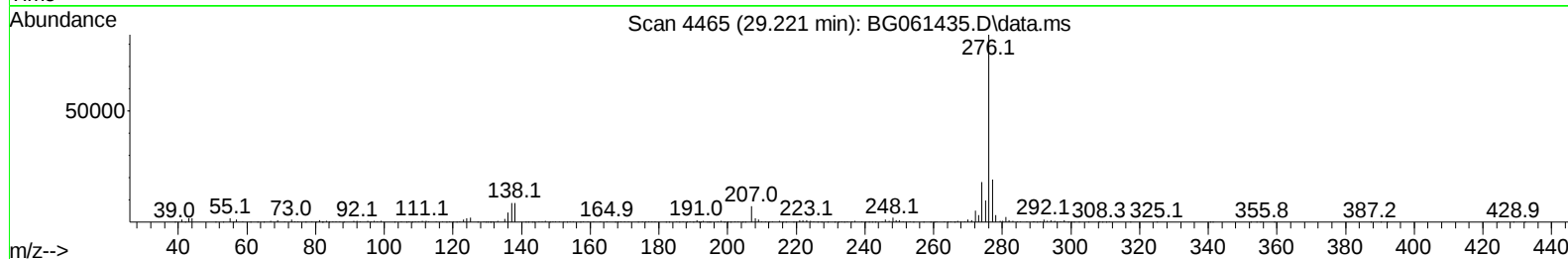
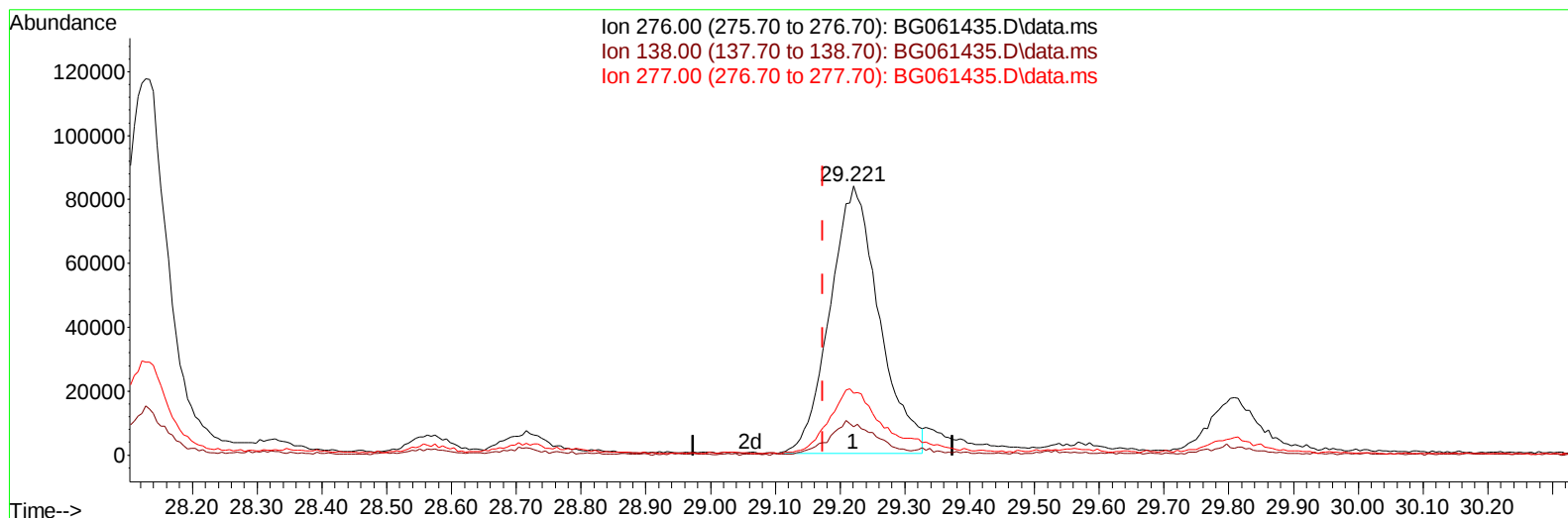
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061435.D
 Acq On : 3 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2589-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:16:32 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
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 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061435.D\data.ms

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

29.221min (+ 0.047) 27.17 ng/u1

response 440933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.47
277.00	22.70	22.96
0.00	0.00	0.00

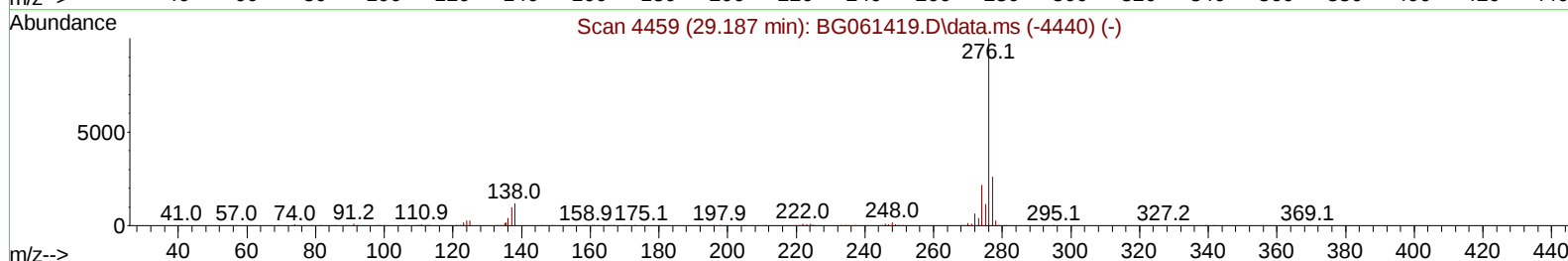
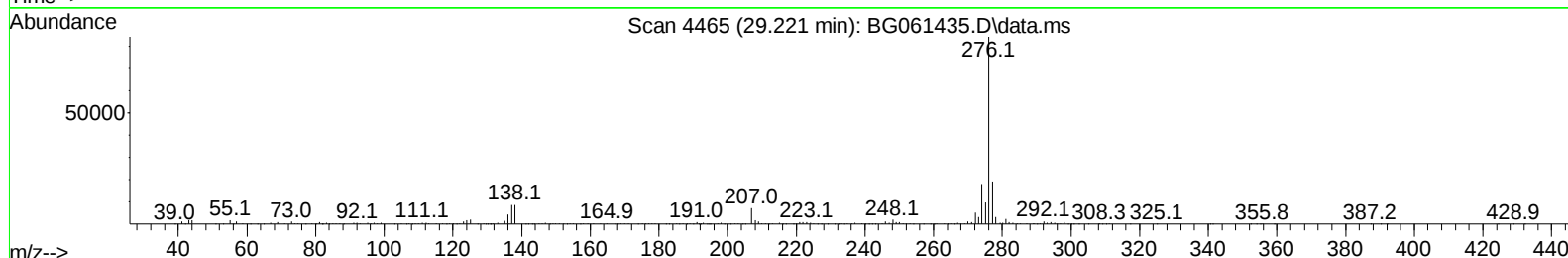
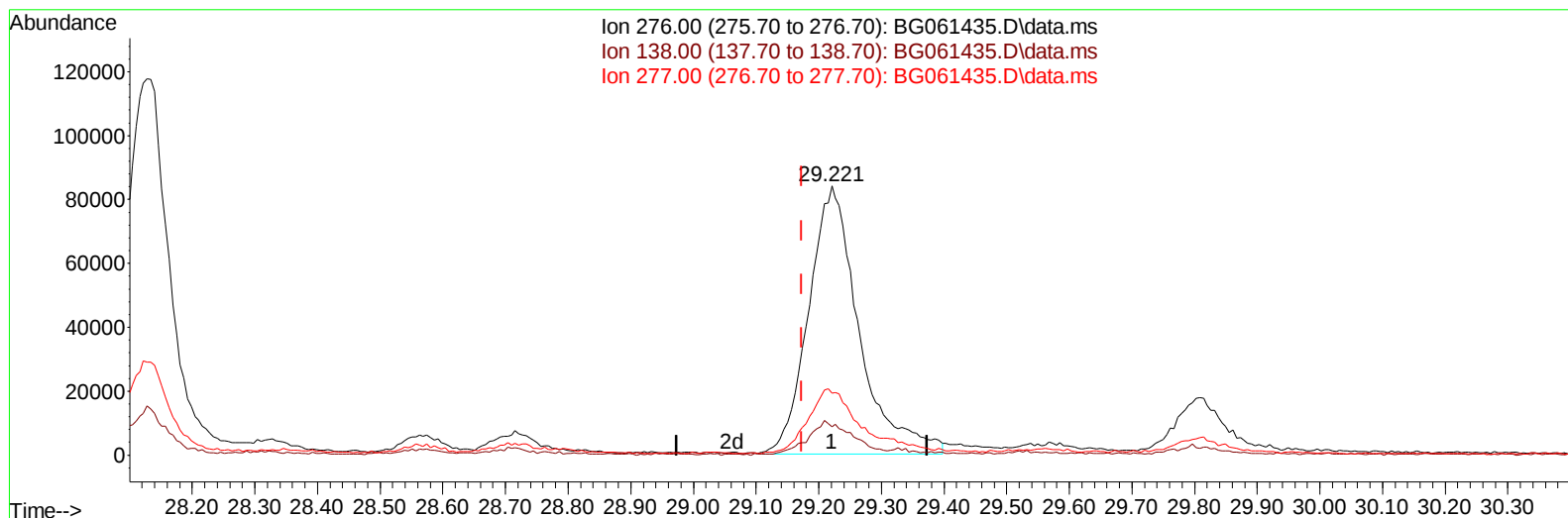
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061435.D
 Acq On : 3 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2589-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:16:32 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
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Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061435.D\data.ms

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

29.221min (+ 0.047) 28.81 ng/ul m

response 467491

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.47
277.00	22.70	22.96
0.00	0.00	0.00

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 00:17:44 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152		35304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136		136785	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164		103559	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.258	188		239983	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240		253342	20.000	ng/ul	0.00
88) Perylene-d12	24.614	264		298359	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.333	96		2193	3.476	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.064	99		53252	18.368	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67		36541	20.053	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132		46897	21.857	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113		37501	15.170	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128		24428	23.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.755	143		25913	21.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165		55168	22.959	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131		9922	3.156	ng/ul	0.01
46) Dimethylphthalate-d6	13.915	166		188617	23.484	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160		208018	24.912	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143		9759m	9.828	ng/ul	0.02
60) Fluorene-d10	15.507	176		169257	24.409	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200		21791	15.013	ng/ul	0.01
73) Anthracene-d10	17.358	188		273209	25.823	ng/ul	0.00
81) Pyrene-d10	19.656	212		337941	25.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264		365655	25.492	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.713	128		7277	1.008	ng/ul	98
52) Acenaphthene	14.573	153		10667	1.756	ng/ul	94
61) Fluorene	15.560	166		12186	1.622	ng/ul#	92
72) Phenanthrene	17.305	178		384050	32.972	ng/ul	100
74) Anthracene	17.394	178		53347	4.430	ng/ul	98
77) Carbazole	17.670	167		43410	4.432	ng/ul	99
80) Fluoranthene	19.327	202		1280550	82.061	ng/ul	99
82) Pyrene	19.685	202		1170178	72.243	ng/ul	99
83) Butylbenzylphthalate	20.572	149		21023	3.778	ng/ul	96
85) Benzo(a)anthracene	21.500	228		714496	40.873	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.406	149		102302	12.420	ng/ul	95
87) Chrysene	21.565	228		805903	50.069	ng/ul	98
90) Benzo(b)fluoranthene	23.645	252		1106472	62.287	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252		394788m	21.892	ng/ul	
93) Benzo(a)pyrene	24.473	252		757031	44.879	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.128	276		548482	26.888	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.157	278		132483	7.877	ng/ul#	98
96) Benzo(g,h,i)perylene	29.221	276		467491m	28.808	ng/ul	

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

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