

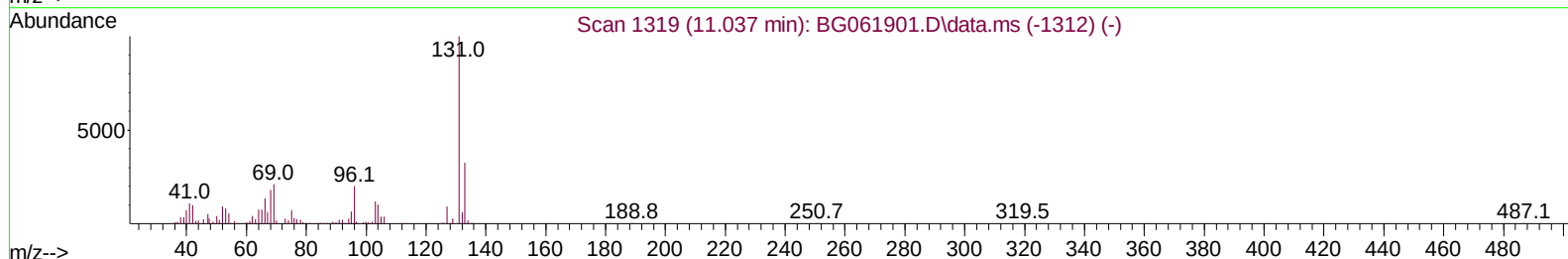
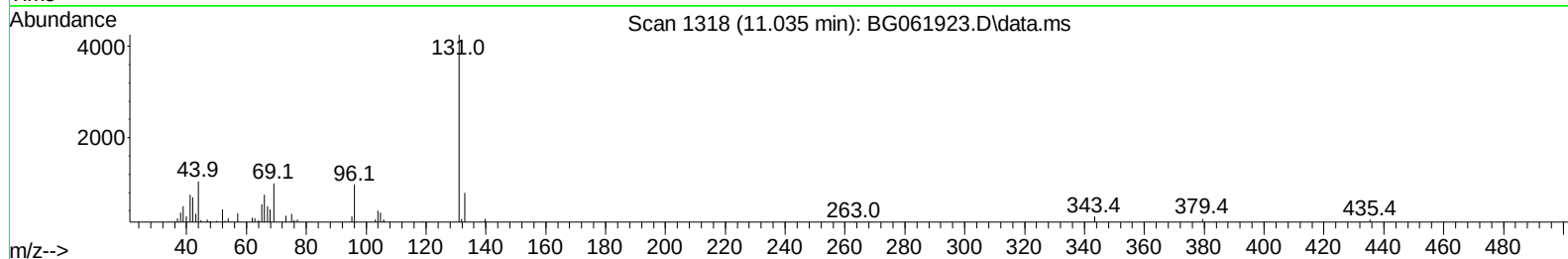
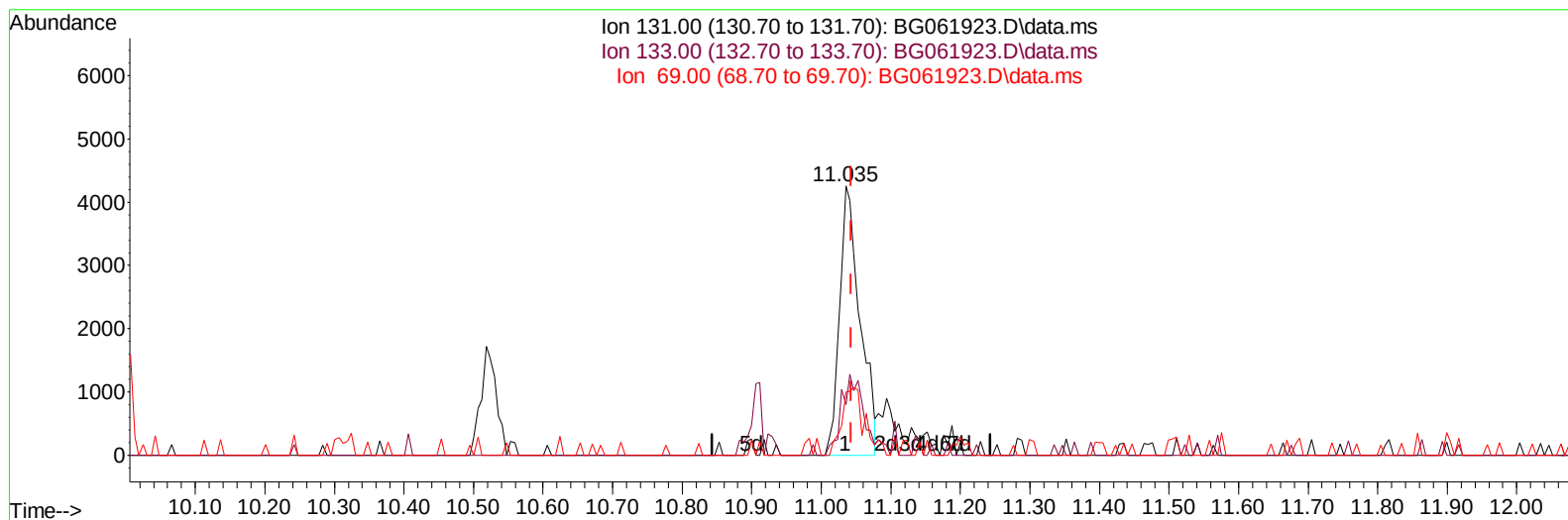
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.035min (-0.008) 1.70 ng/u1

response 8704

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	18.81#
69.00	21.00	23.55
0.00	0.00	0.00

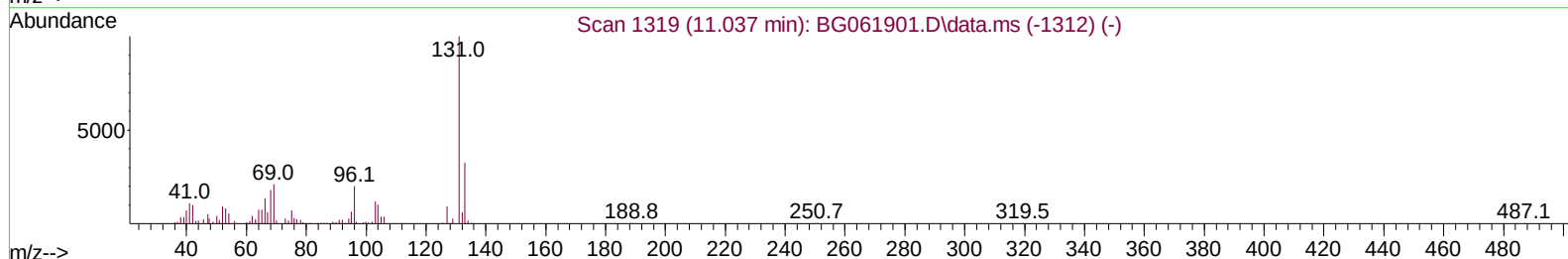
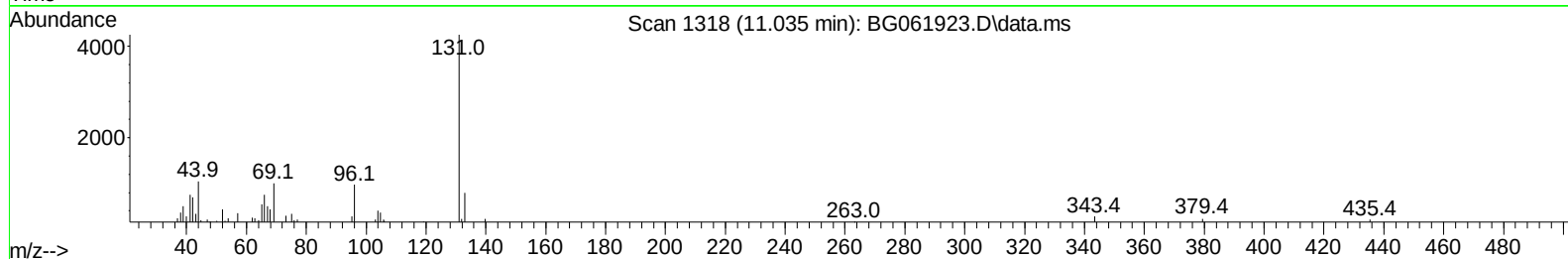
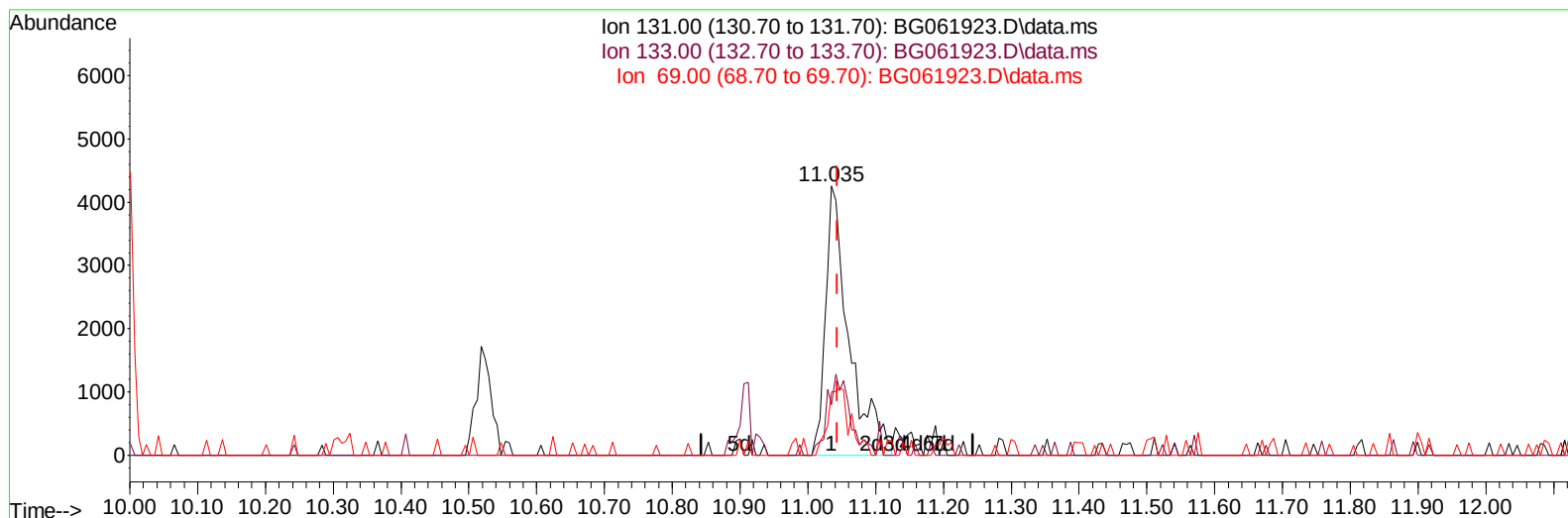
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061923.D
 Acq On : 6 Jul 2024 10:01
 Operator : MA/JU
 Sample : P2982-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.035min (-0.008) 1.99 ng/ul m

response 10167

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	18.81#
69.00	21.00	23.55
0.00	0.00	0.00

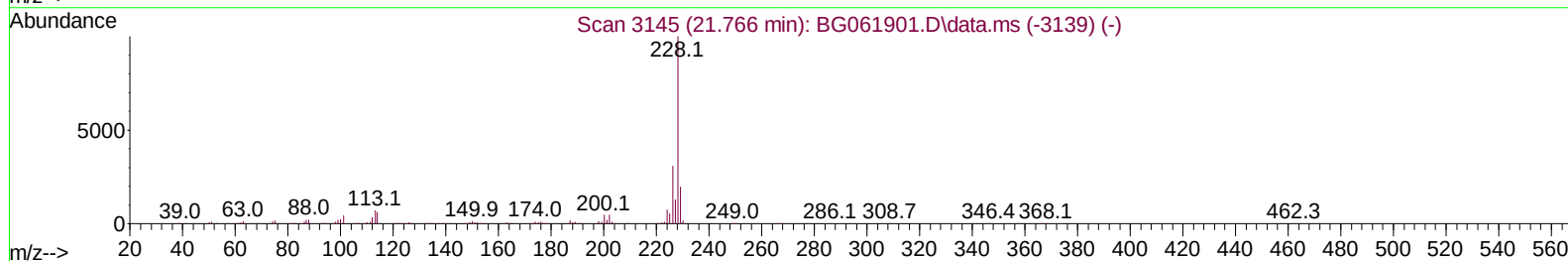
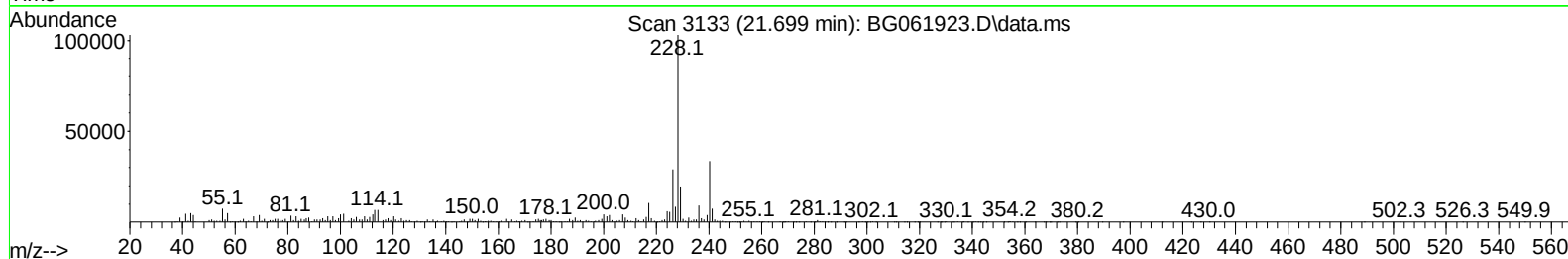
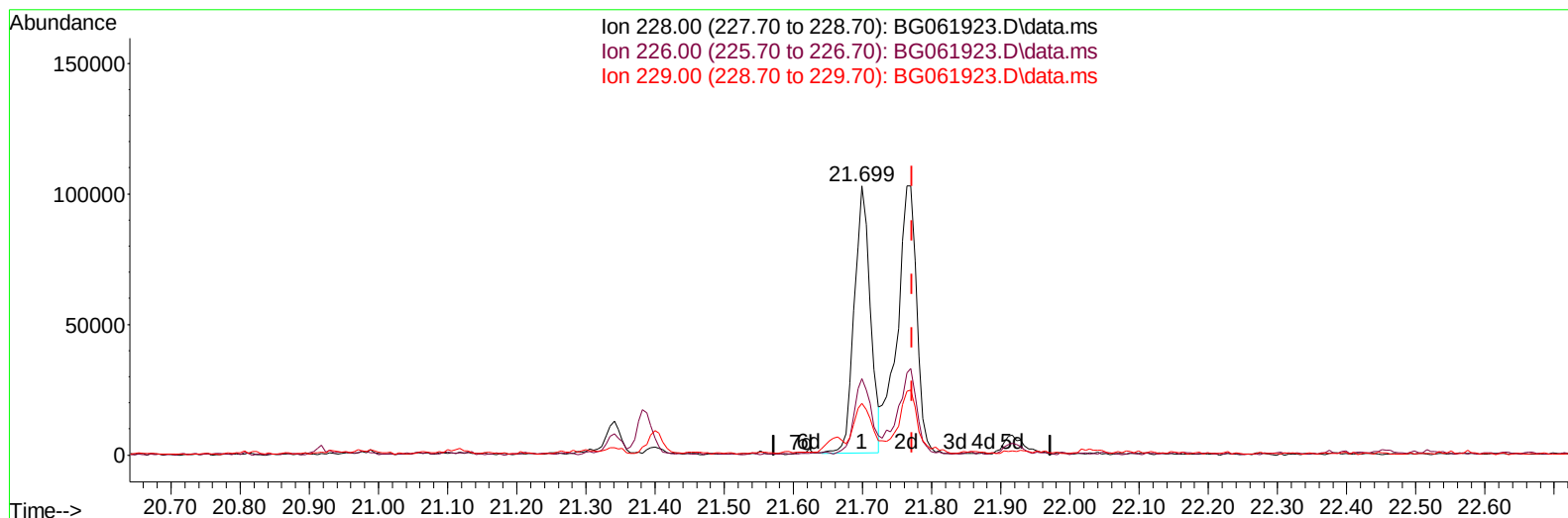
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(87) Chrysene

21.699min (-0.073) 7.92 ng/u1

response 165875

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	28.38
229.00	19.40	19.20
0.00	0.00	0.00

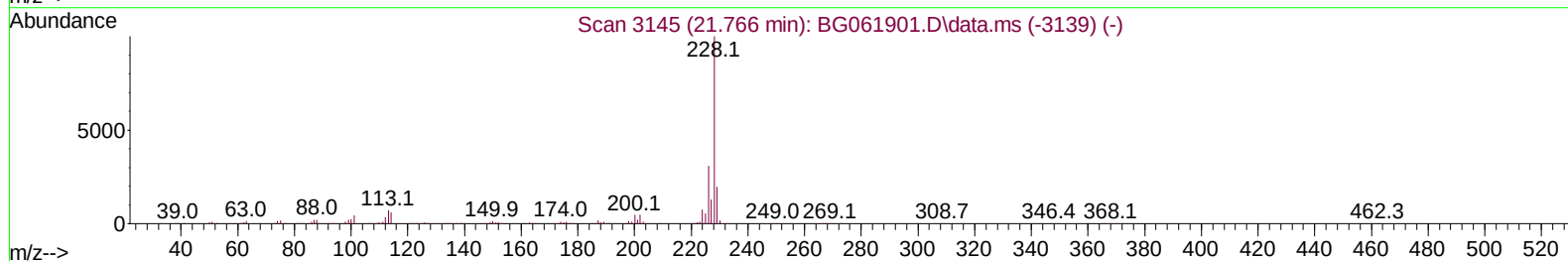
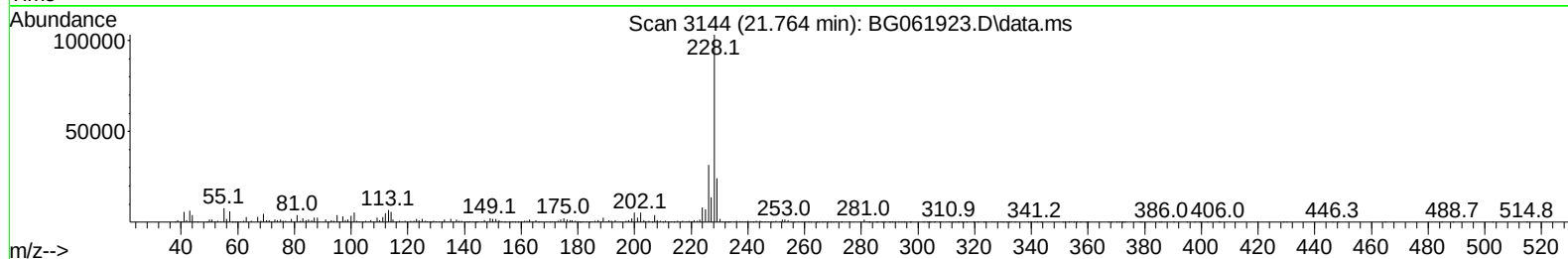
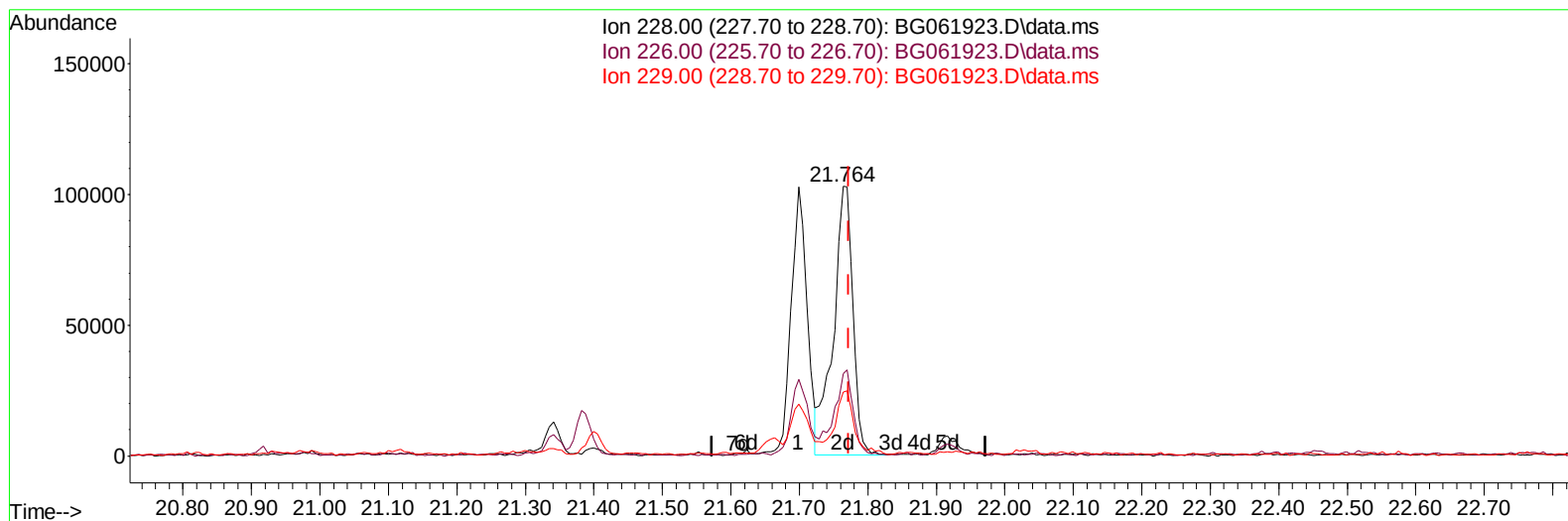
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration



TIC: BG061923.D\data.ms

(87) Chrysene

21.764min (-0.008) 9.73 ng/ul m

response 203893

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	30.48
229.00	19.40	23.62#
0.00	0.00	0.00

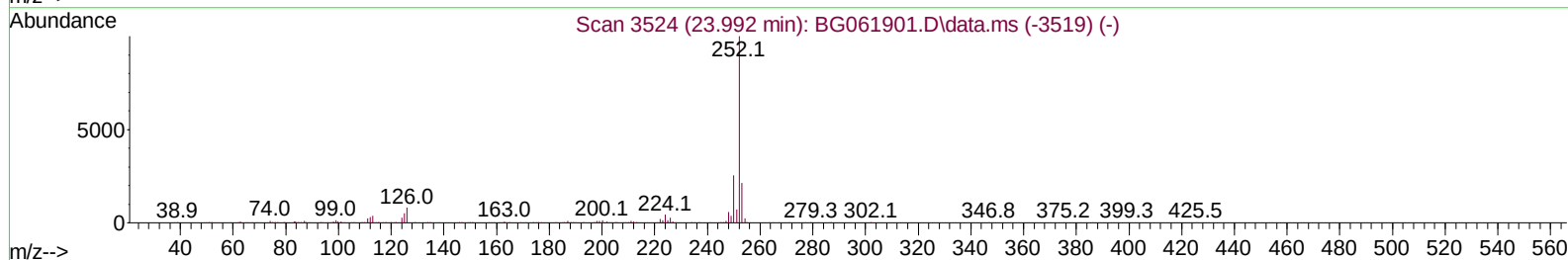
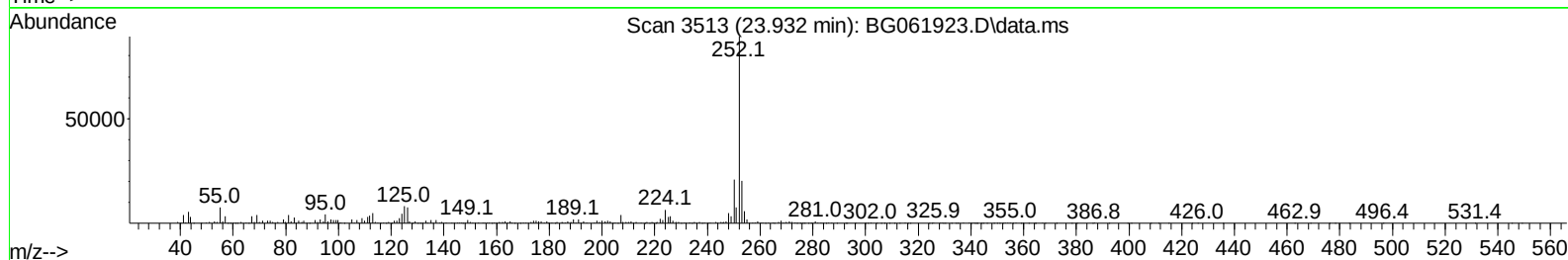
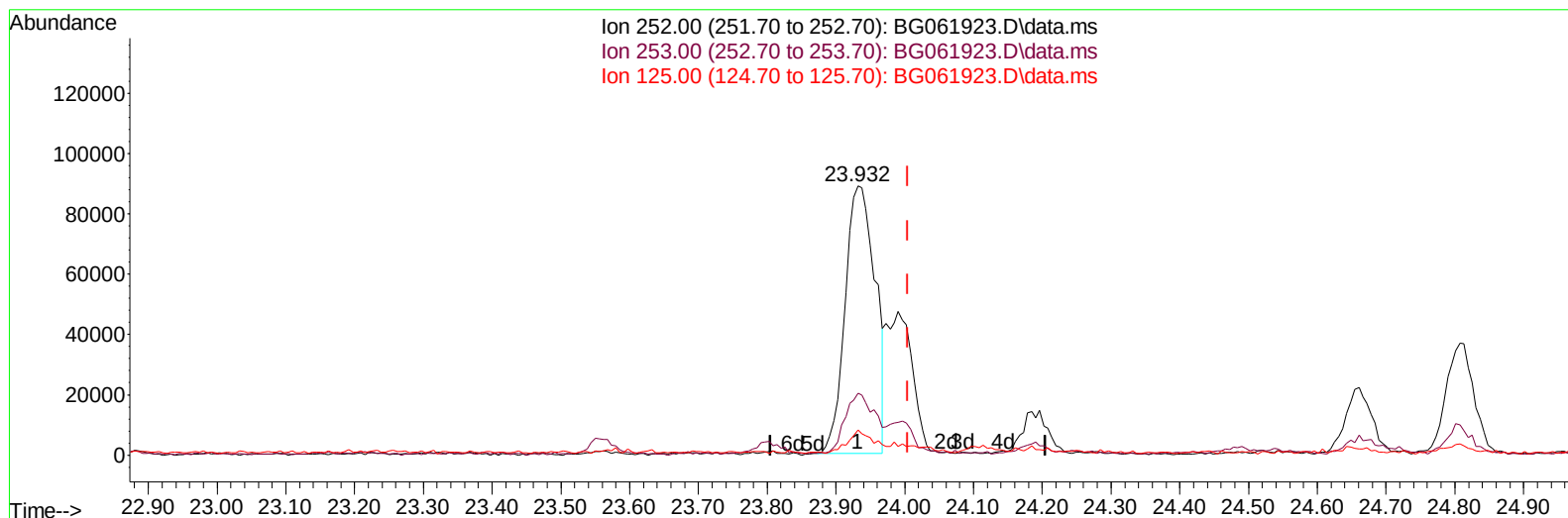
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(91) Benzo(k)fluoranthene

23.932min (-0.073) 11.41 ng/u1

response 269558

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.91
125.00	7.90	9.24
0.00	0.00	0.00

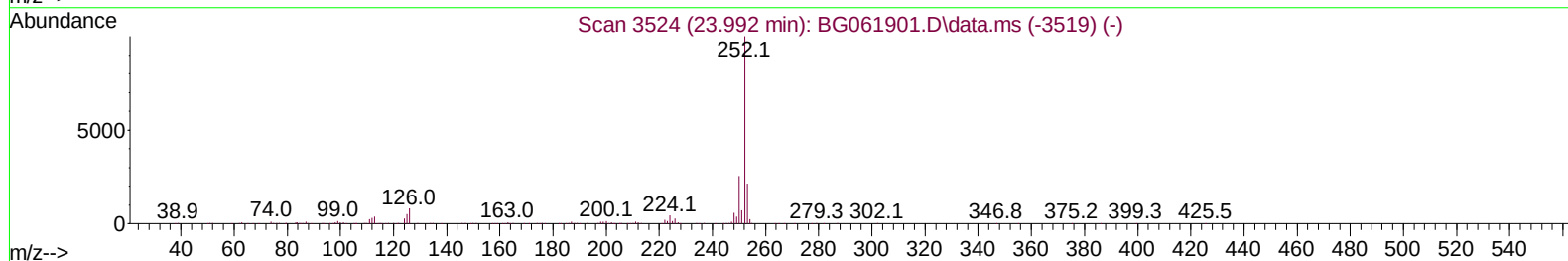
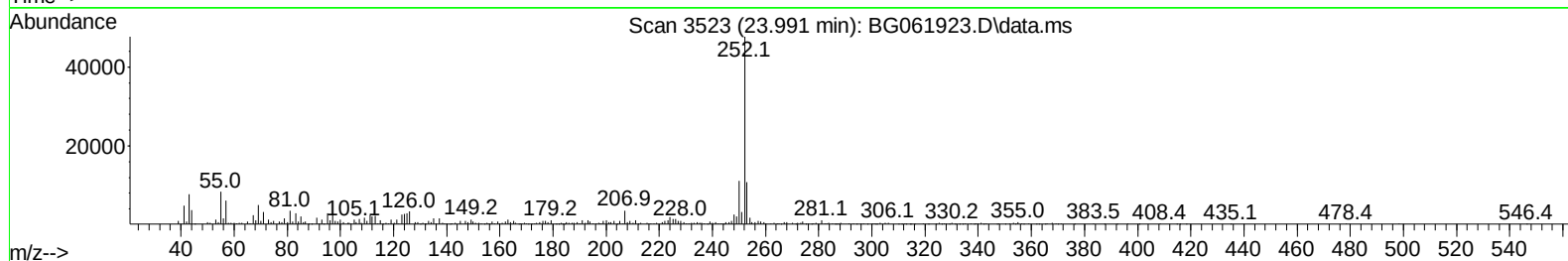
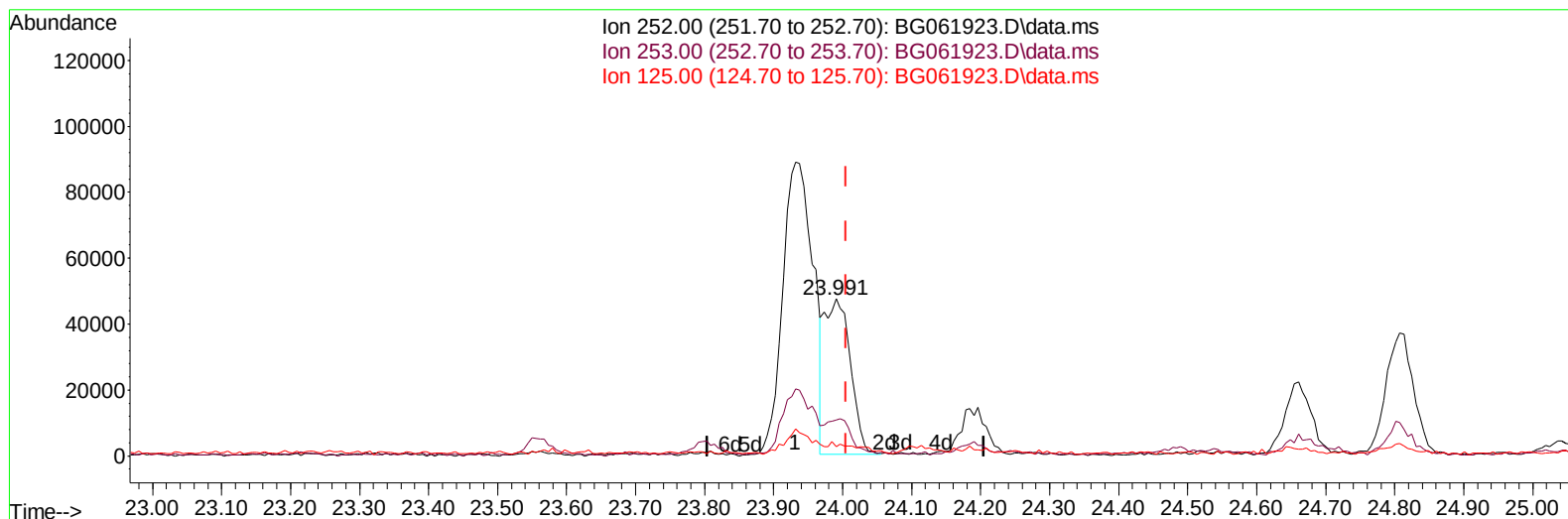
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(91) Benzo(k)fluoranthene

23.991min (-0.014) 5.18 ng/ul m

response 122311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.76
125.00	7.90	6.02#
0.00	0.00	0.00

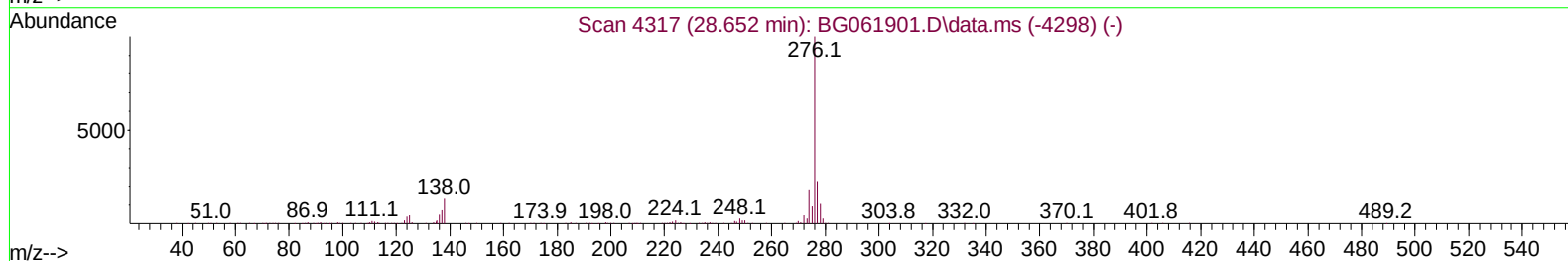
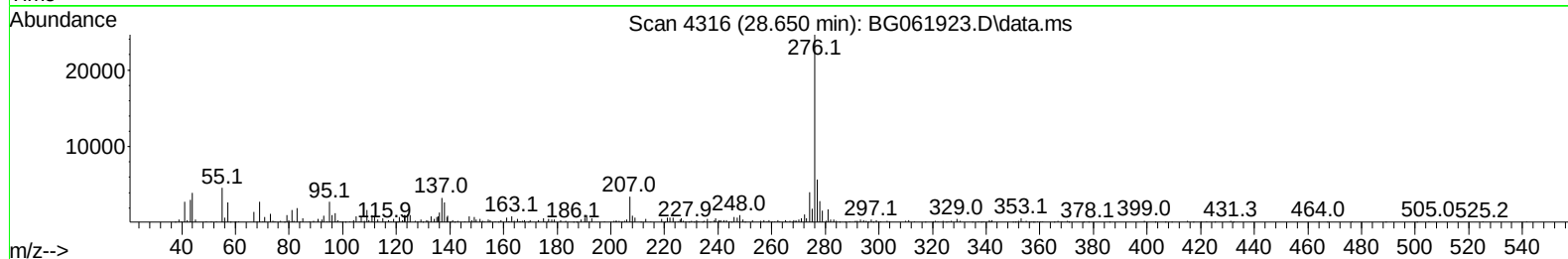
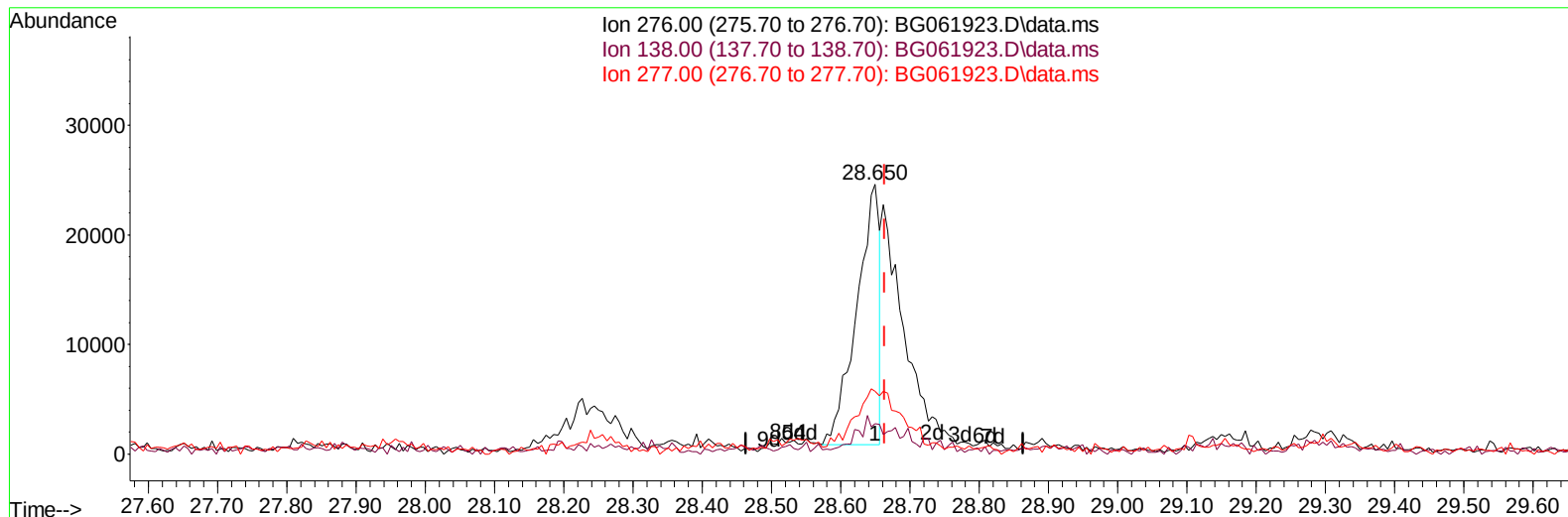
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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TIC: BG061923.D\data.ms

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

28.650min (-0.014) 1.90 ng/u1

response 54544

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.11#
277.00	24.10	23.19
0.00	0.00	0.00

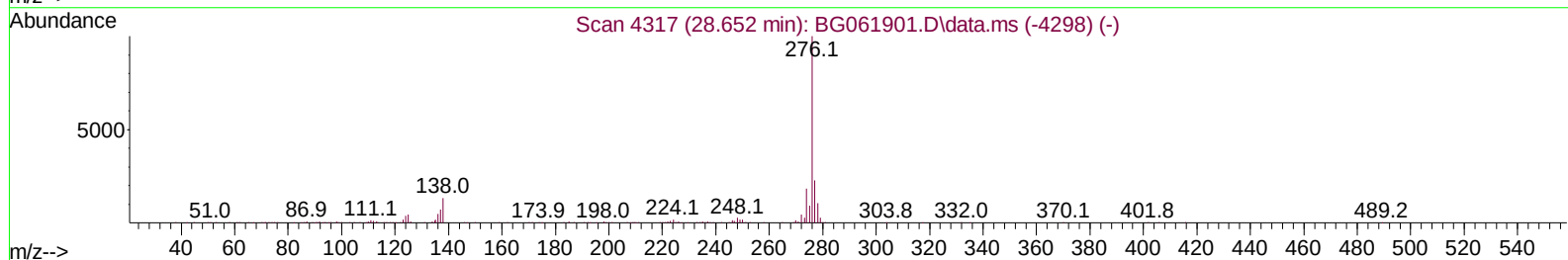
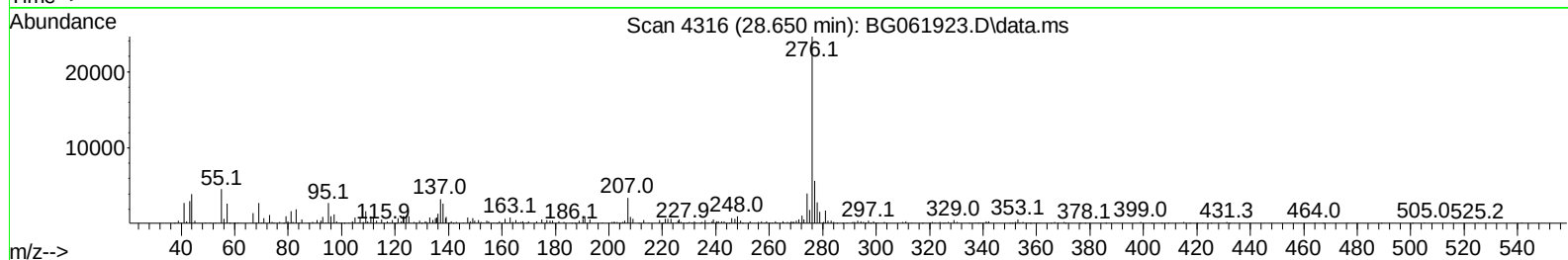
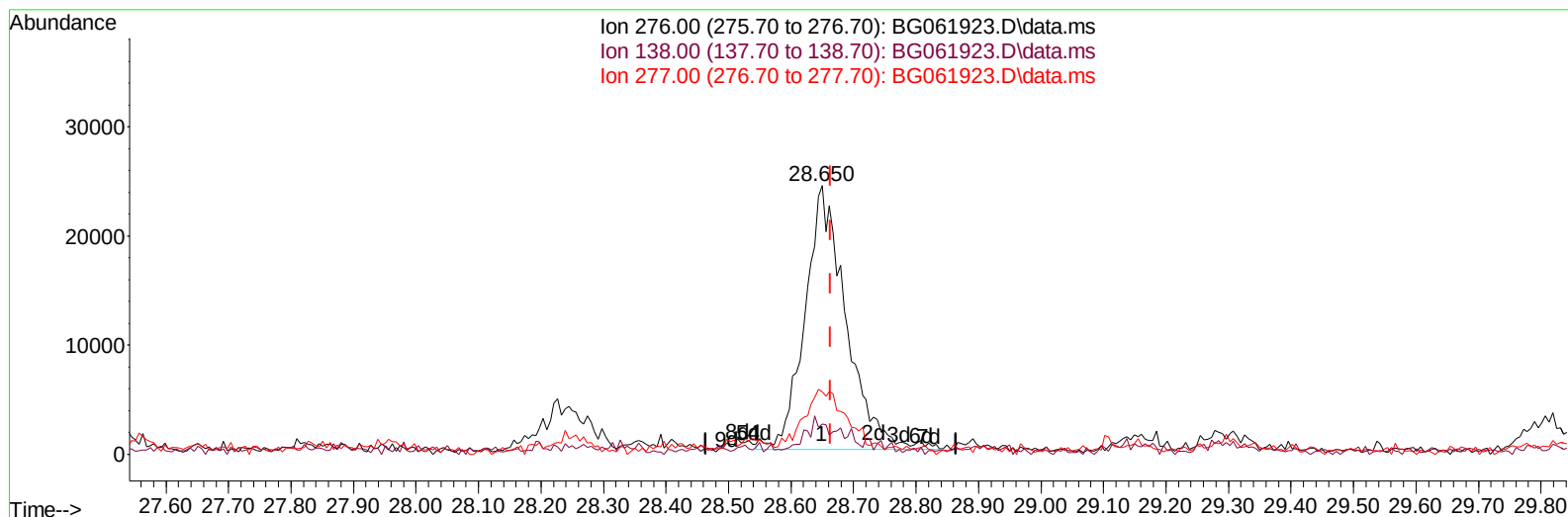
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 03:54:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

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

28.650min (-0.014) 3.86 ng/ul m

response 110597

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.11#
277.00	24.10	23.19
0.00	0.00	0.00

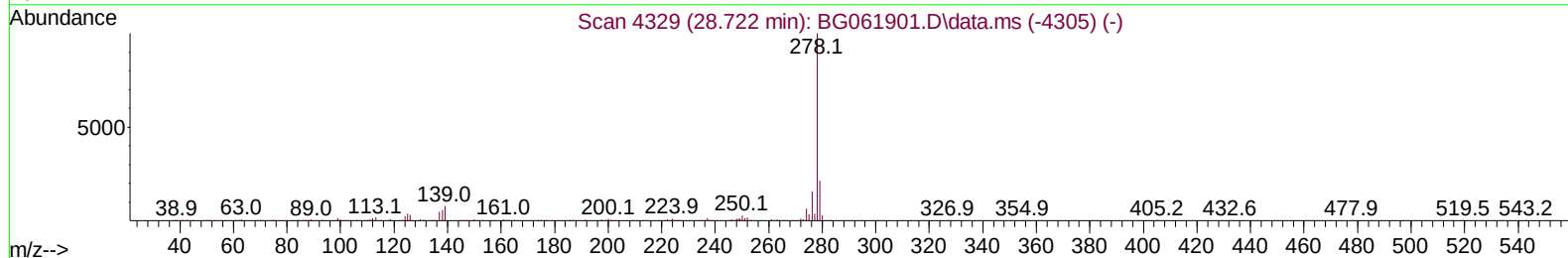
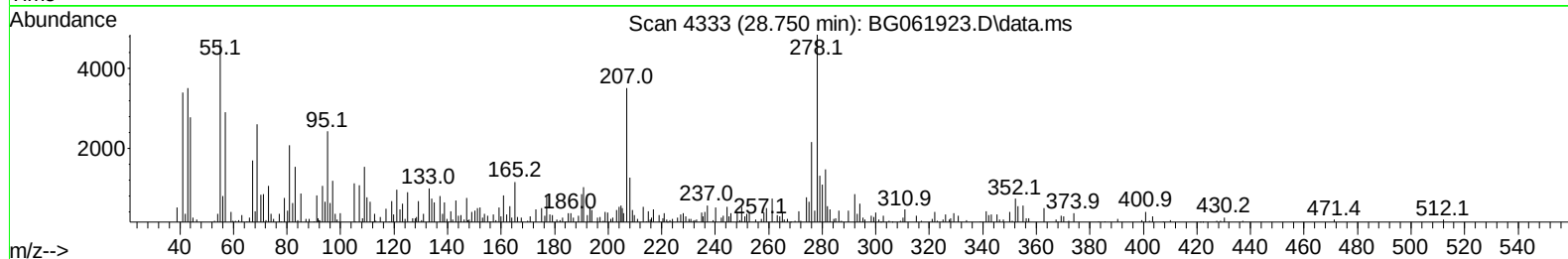
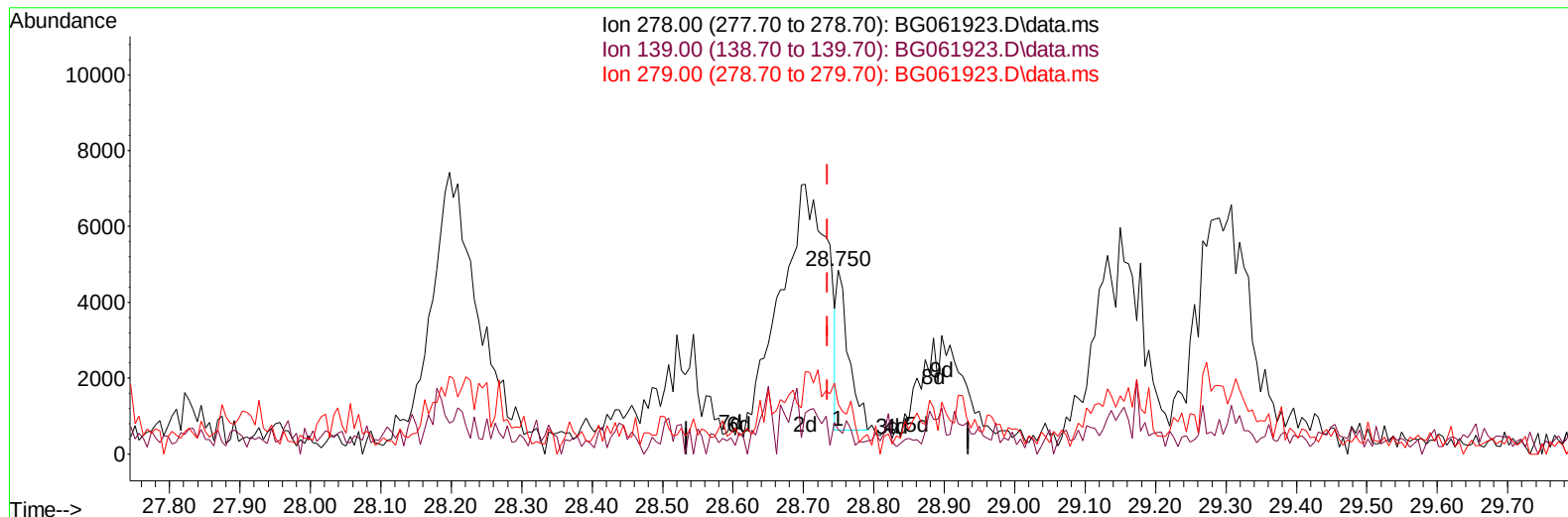
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 03:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(95) Dibenzo(a,h)anthracene

28.750min (+ 0.015) 0.21 ng/u1

response 4974

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	13.36#
279.00	23.50	27.08
0.00	0.00	0.00

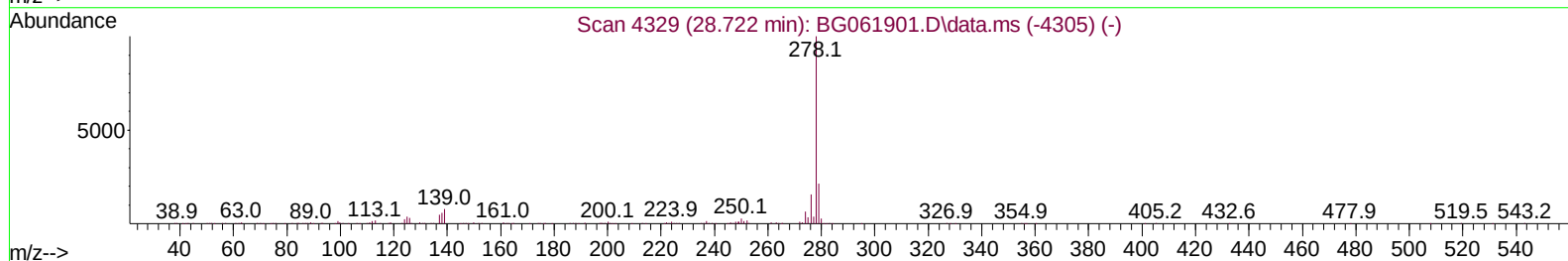
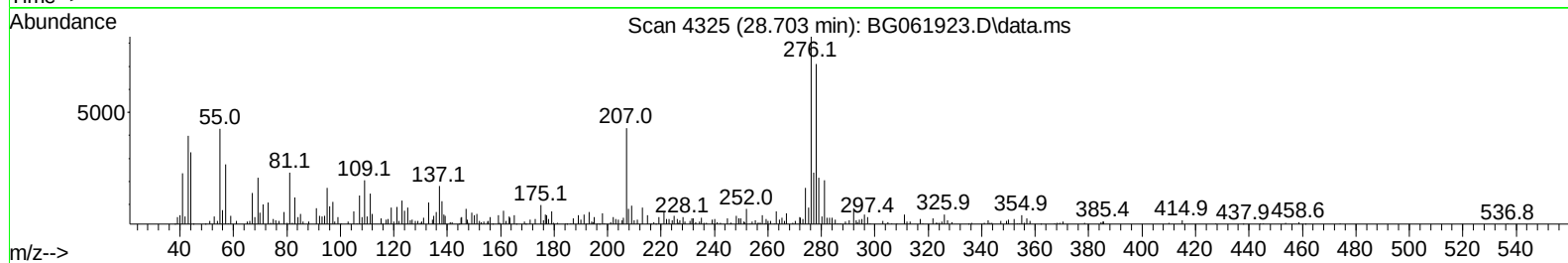
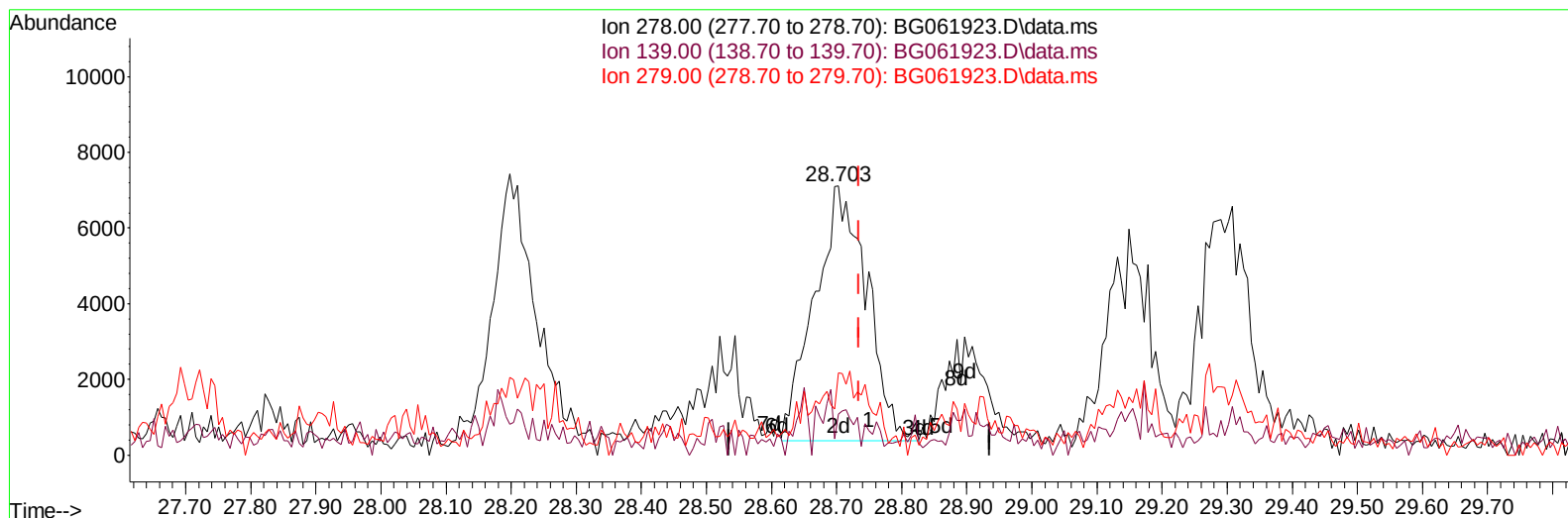
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 03:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061923.D\data.ms

(95) Dibenzo(a,h)anthracene

28.703min (-0.032) 1.58 ng/ul m

response 37503

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	8.08
279.00	23.50	30.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061923.D
 Acq On : 6 Jul 2024 10:01
 Operator : MA/JU
 Sample : P2982-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 03:58:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	39948	20.000	ng/ul	0.00
20) Naphthalene-d8	10.906	136	210532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	158549	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	363843	20.000	ng/ul	0.00
79) Chrysene-d12	21.723	240	309180	20.000	ng/ul	# 0.00
88) Perylene-d12	24.966	264	375972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.491	96	2150	2.022	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.246	99	85148	19.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	44787	16.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	56533	18.852	ng/ul	0.00
15) 4-Methylphenol-d8	8.791	113	62812	18.248	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	32514	20.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	35828	19.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	70157	19.892	ng/ul	0.00
31) 4-Chloroaniline-d4	11.035	131	10167m	1.986	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	240899	18.481	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	272028	19.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	38320	18.409	ng/ul	0.00
60) Fluorene-d10	15.706	176	215881	19.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	35396	18.524	ng/ul	-0.01
73) Anthracene-d10	17.557	188	325524	19.163	ng/ul	0.00
81) Pyrene-d10	19.837	212	329295	18.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.743	264	253471	13.594	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	180375	9.402	ng/ul	99
74) Anthracene	17.592	178	30313	1.529	ng/ul	96
77) Carbazole	17.857	167	16939	1.015	ng/ul#	93
78) Di-n-butylphthalate	18.409	149	49425	2.307	ng/ul#	97
80) Fluoranthene	19.502	202	377712	17.550	ng/ul#	95
82) Pyrene	19.866	202	278004	12.505	ng/ul	97
85) Benzo(a)anthracene	21.699	228	167107	7.465	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.599	149	40273	3.008	ng/ul#	96
87) Chrysene	21.764	228	203893m	9.729	ng/ul	
90) Benzo(b)fluoranthene	23.932	252	269558	11.380	ng/ul#	97
91) Benzo(k)fluoranthene	23.991	252	122311m	5.178	ng/ul	
93) Benzo(a)pyrene	24.807	252	98909	4.410	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.650	276	110597m	3.858	ng/ul	
95) Dibenzo(a,h)anthracene	28.703	278	37503m	1.584	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
Operator : MA/JU
Sample : P2982-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF0

Manual IntegrationsAPPROVED

Quant Time: Jul 08 03:58:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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