

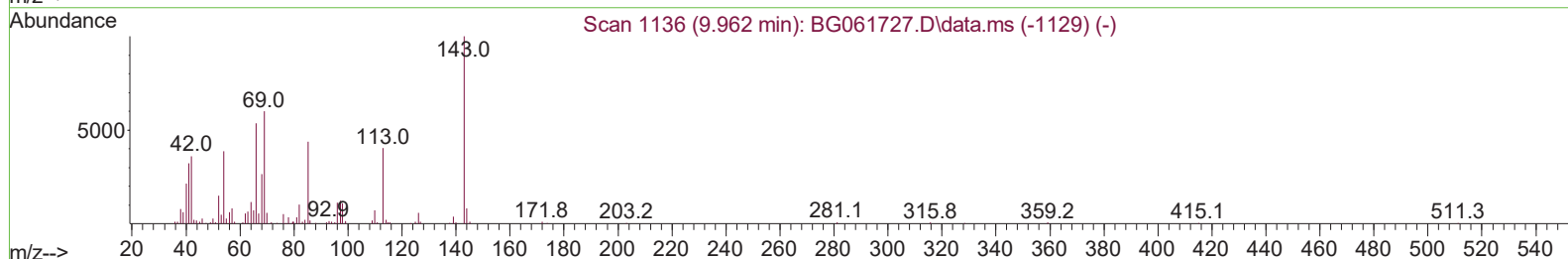
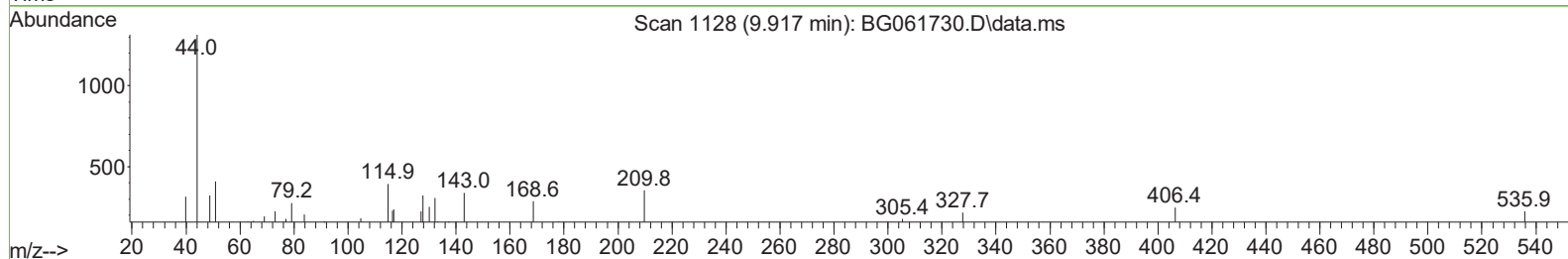
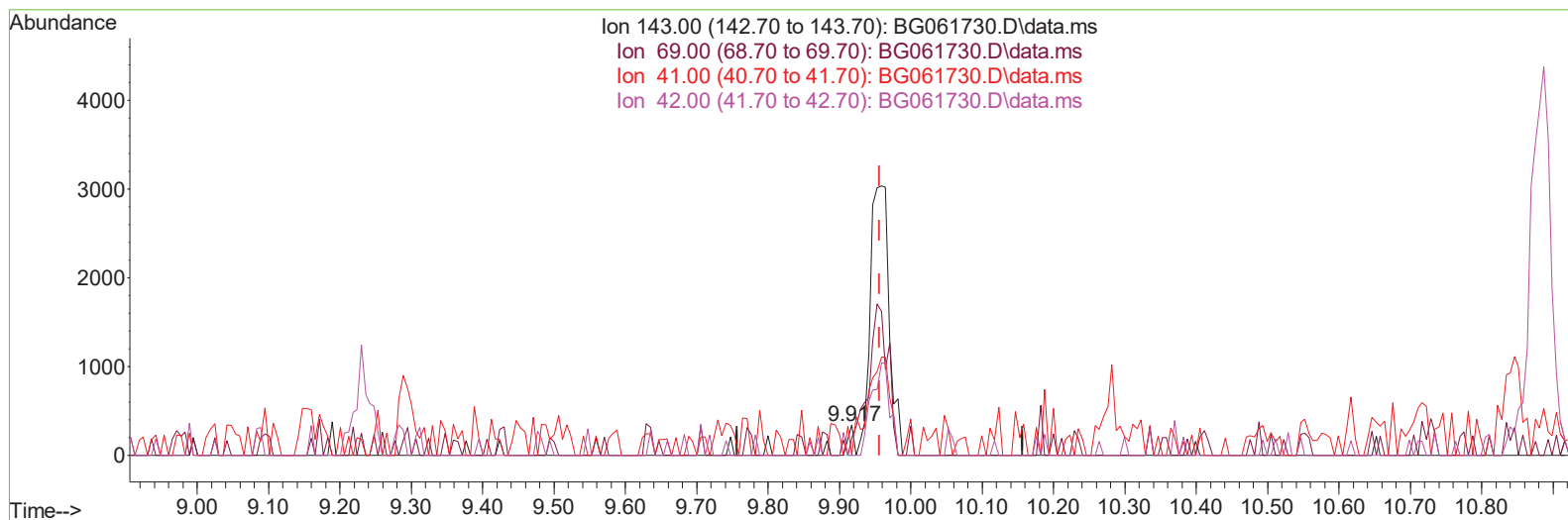
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.917min (-0.039) 0.10 ng/u1

response 183

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	57.70	57.23
41.00	31.80	0.00#
42.00	34.80	0.00#

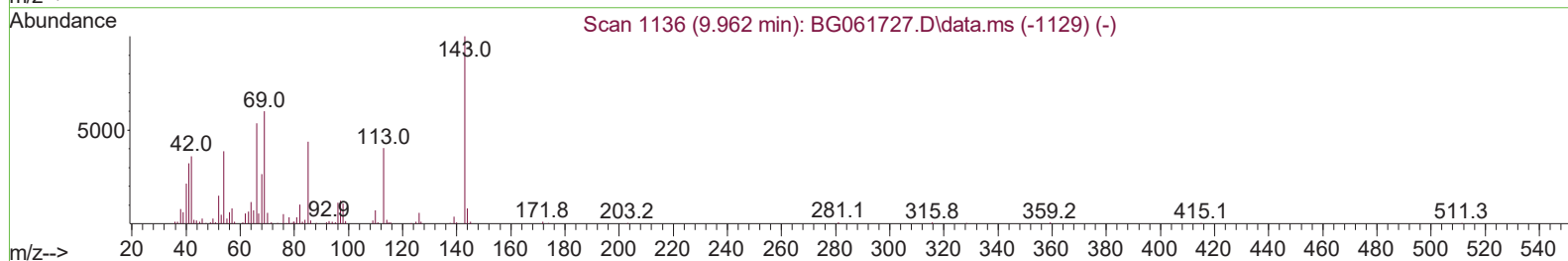
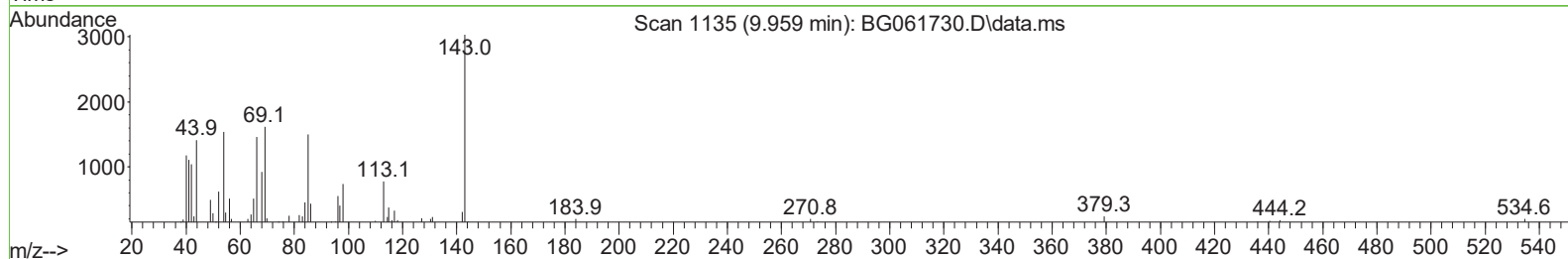
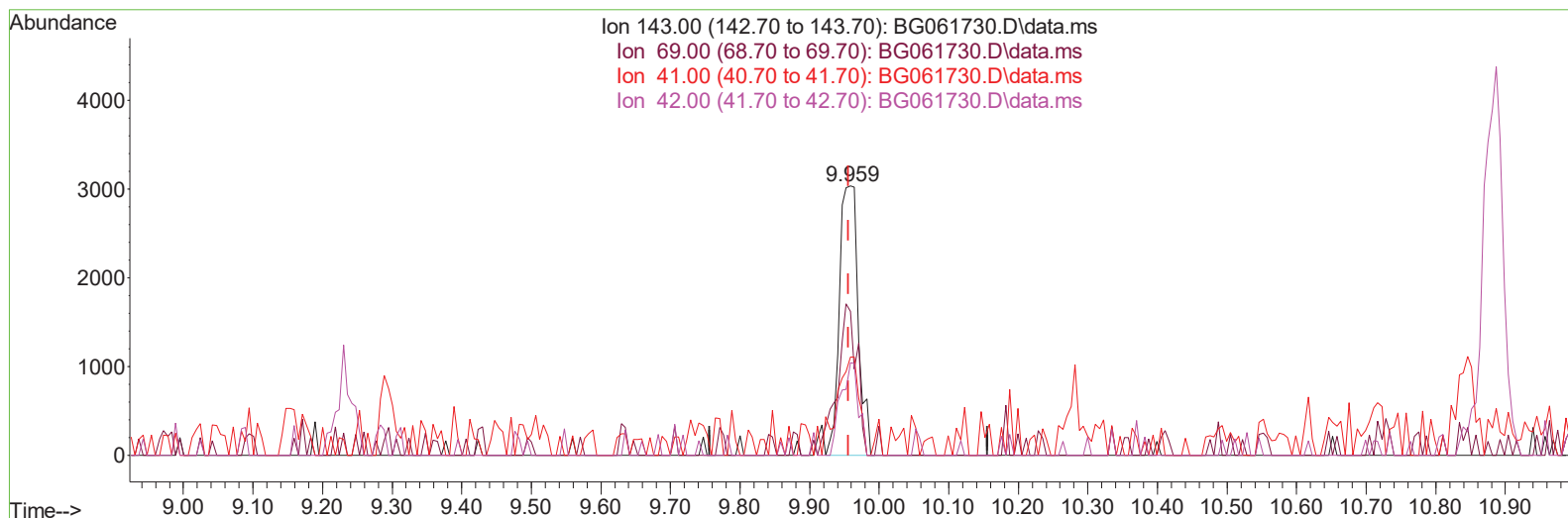
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.959min (+ 0.002) 3.13 ng/ul m

response 5658

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	57.70	53.31
41.00	31.80	36.47
42.00	34.80	34.29

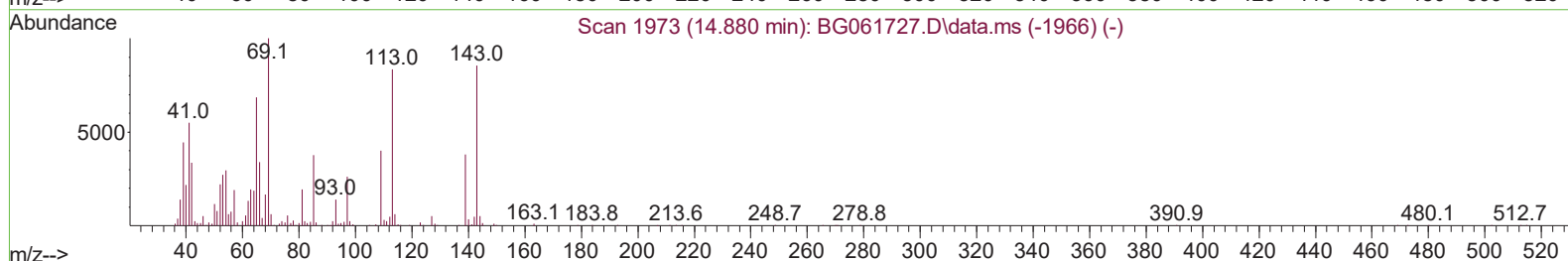
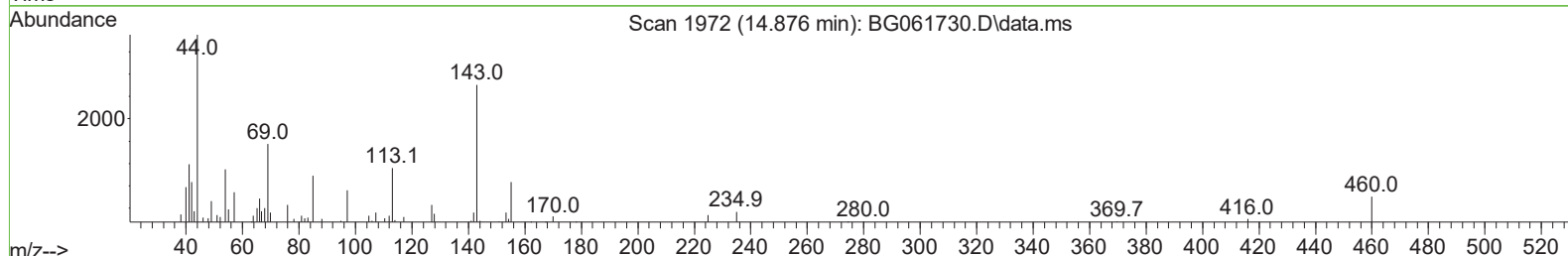
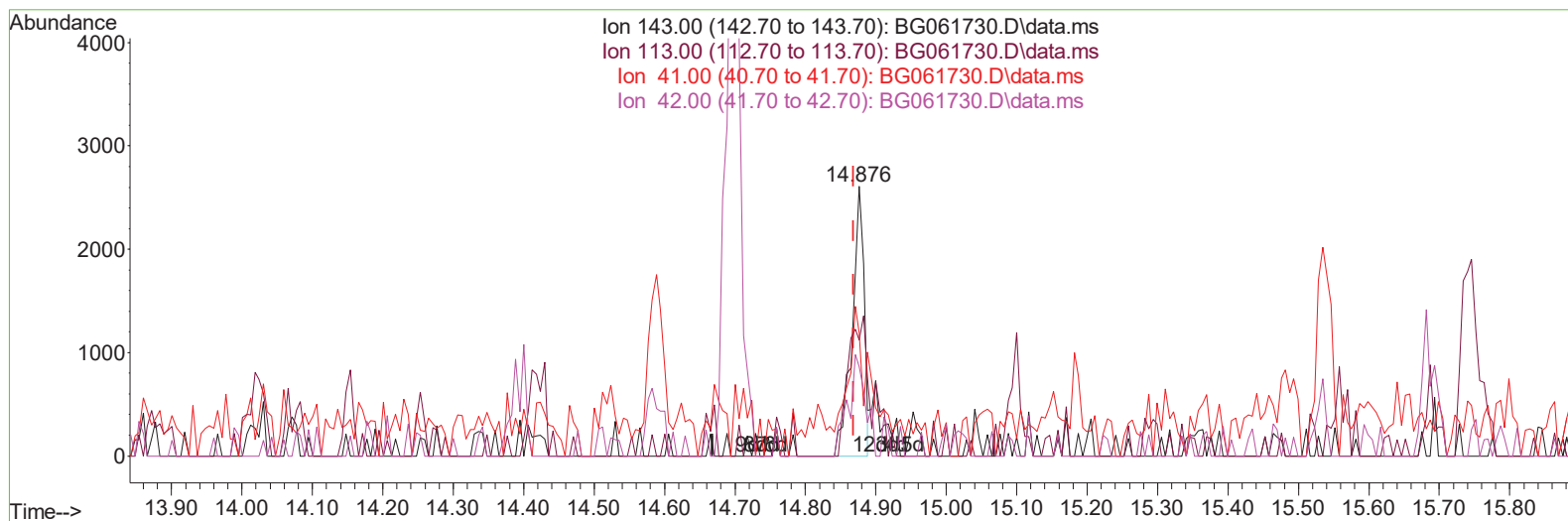
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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TIC: BG061730.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.876min (+ 0.008) 1.17 ng/ul

response 3119

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	92.40	42.96#
41.00	58.60	45.53#
42.00	35.10	33.18

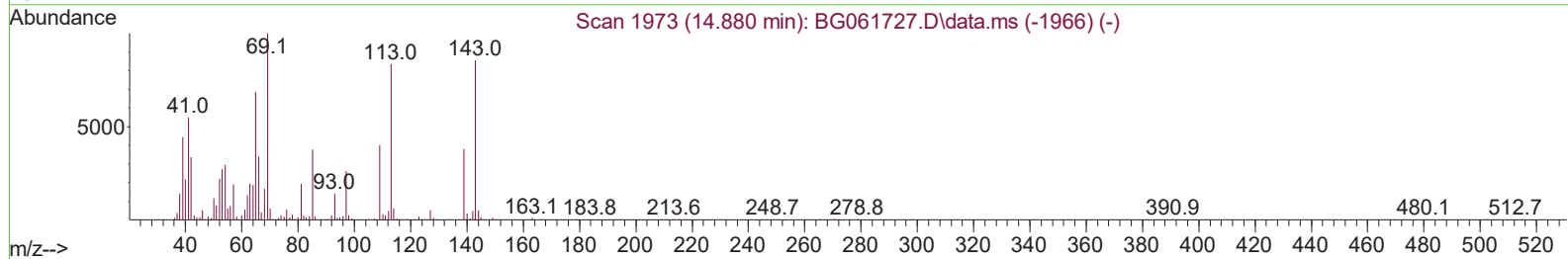
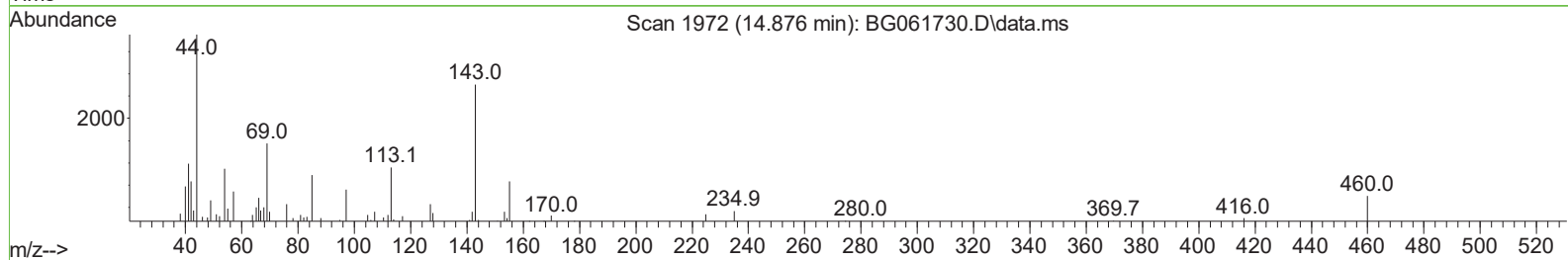
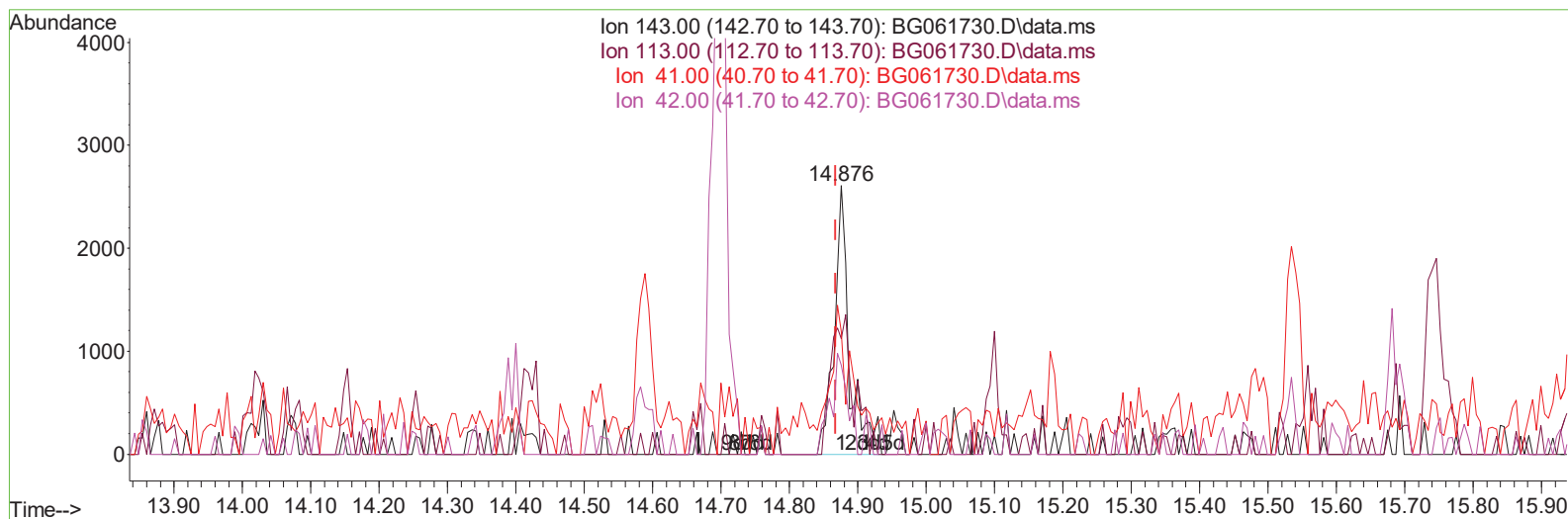
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.876min (+ 0.008) 1.51 ng/ul m

response 4022

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	92.40	42.96#
41.00	58.60	45.53#
42.00	35.10	33.18

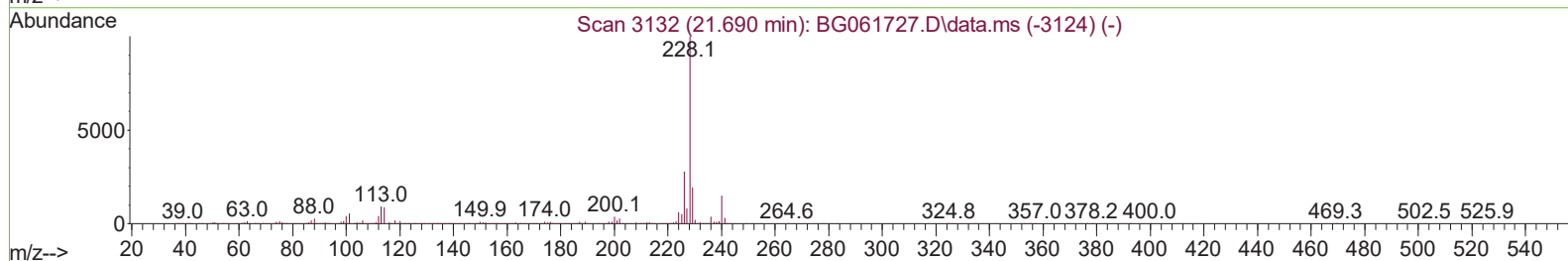
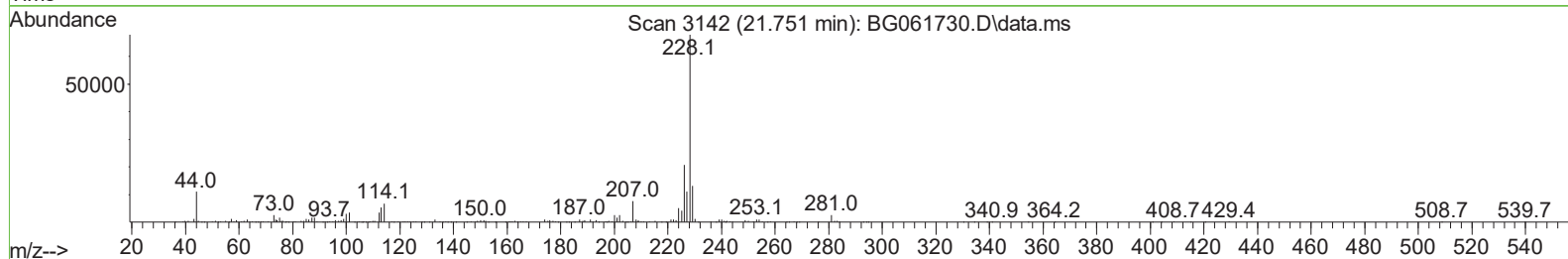
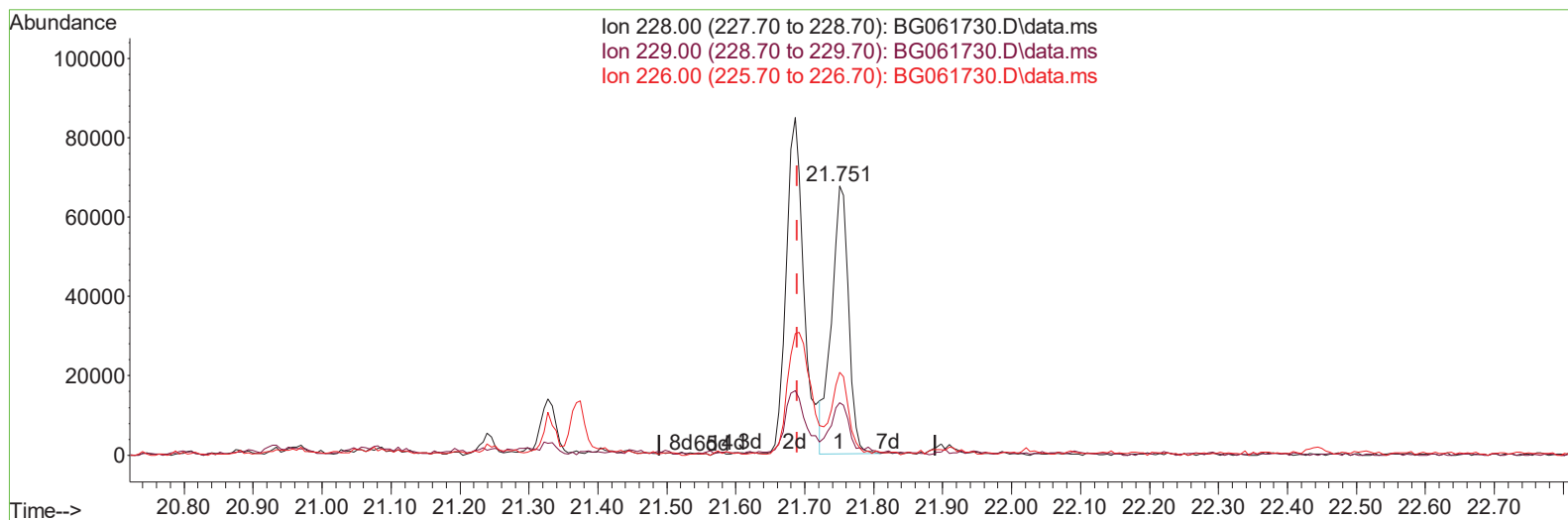
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061730.D
 Acq On : 26 Jun 2024 11:02
 Operator : MA/JU
 Sample : P2873-03DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(85) Benzo(a)anthracene

21.751min (+ 0.061) 4.17 ng/u1

response 115401

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	19.42
226.00	26.80	30.77
0.00	0.00	0.00

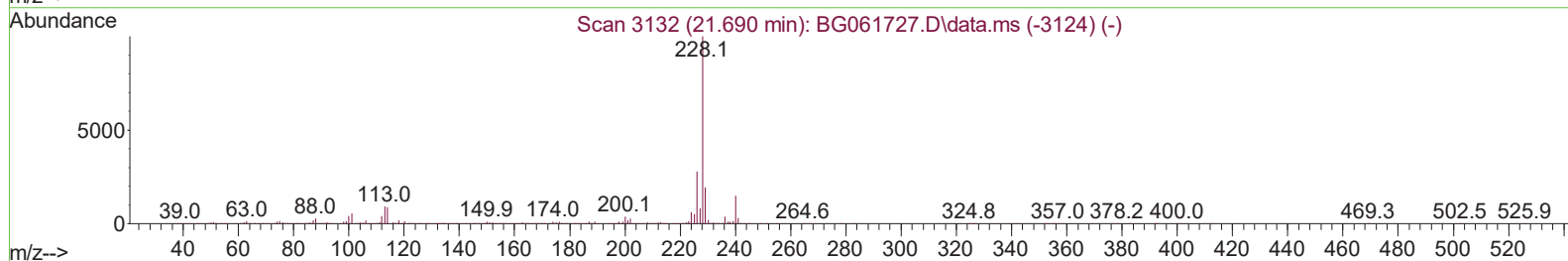
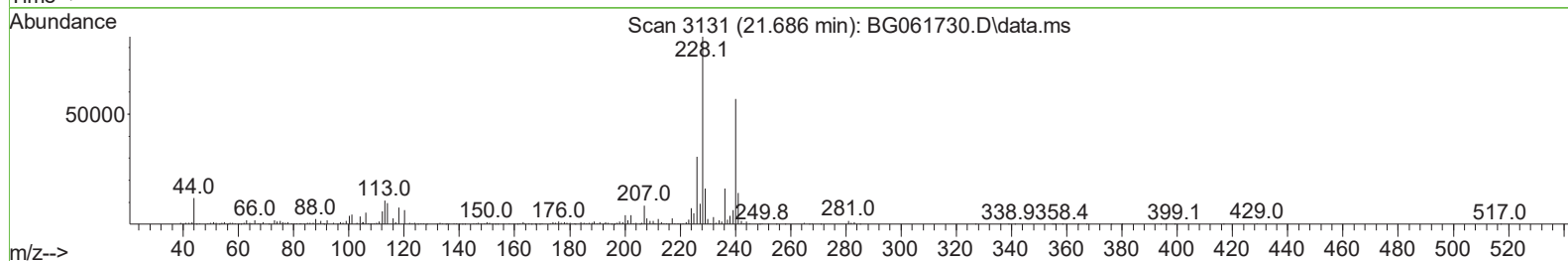
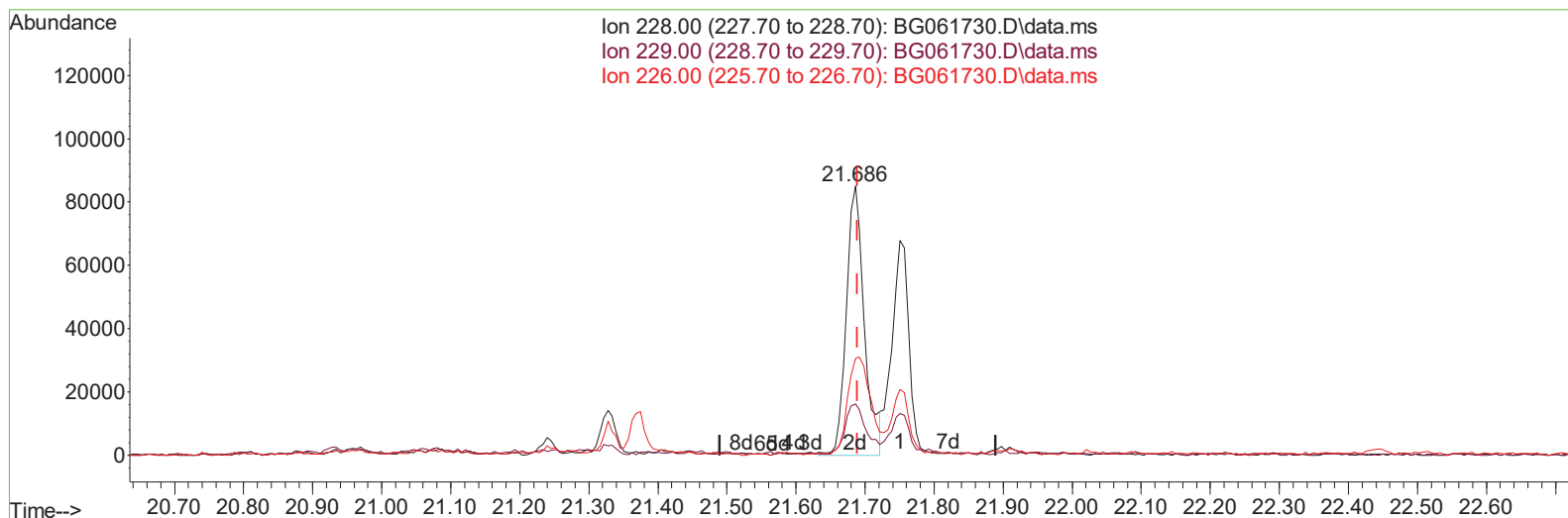
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(85) Benzo(a)anthracene

21.686min (-0.004) 5.56 ng/u1 m

response 153856

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	19.05
226.00	26.80	35.96#
0.00	0.00	0.00

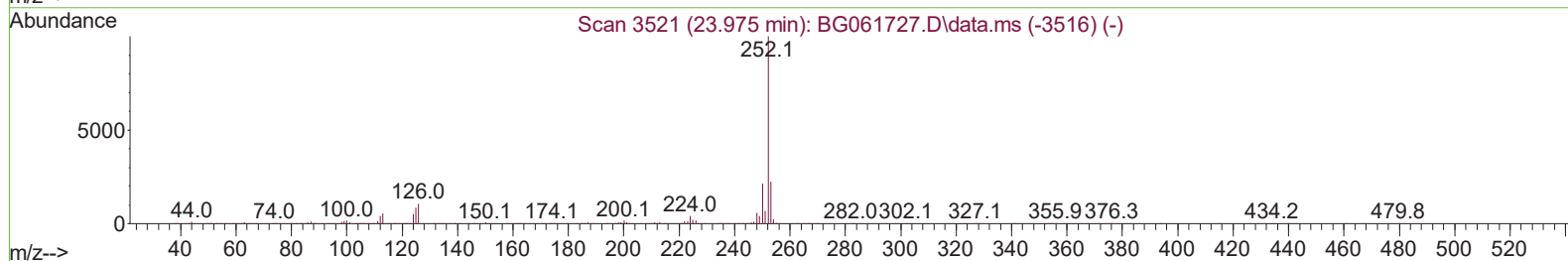
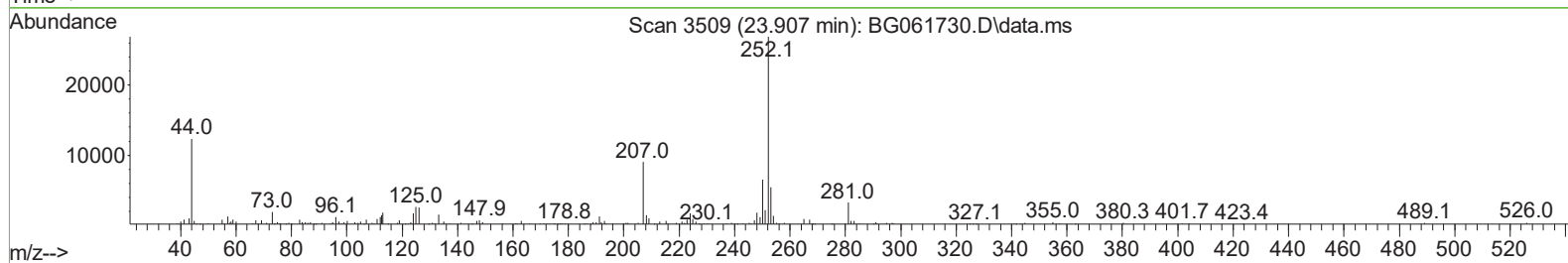
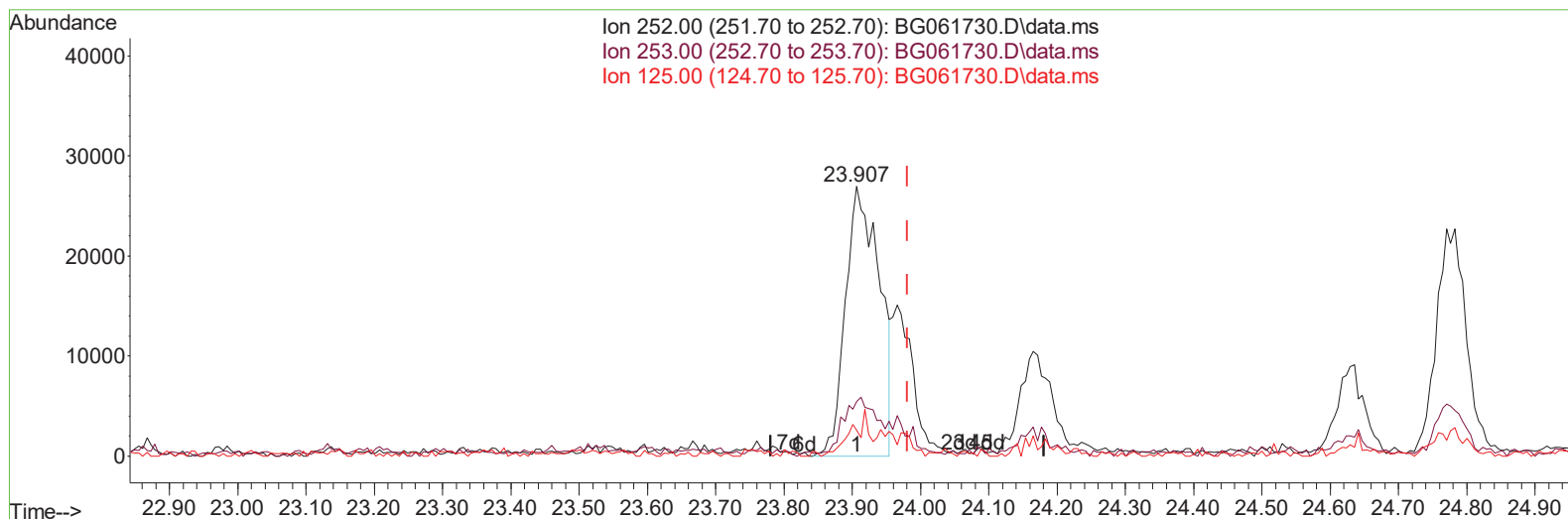
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(91) Benzo(k)fluoranthene

23.907min (-0.074) 3.19 ng/u1

response 92848

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	20.28
125.00	7.70	9.57#
0.00	0.00	0.00

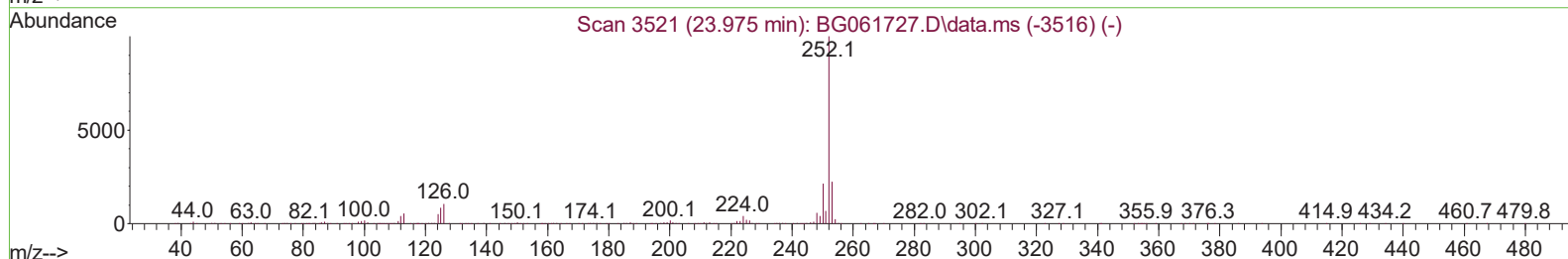
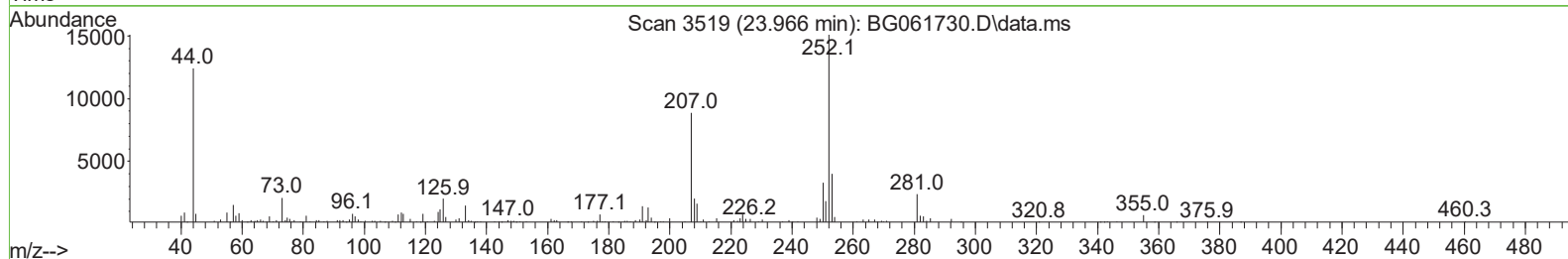
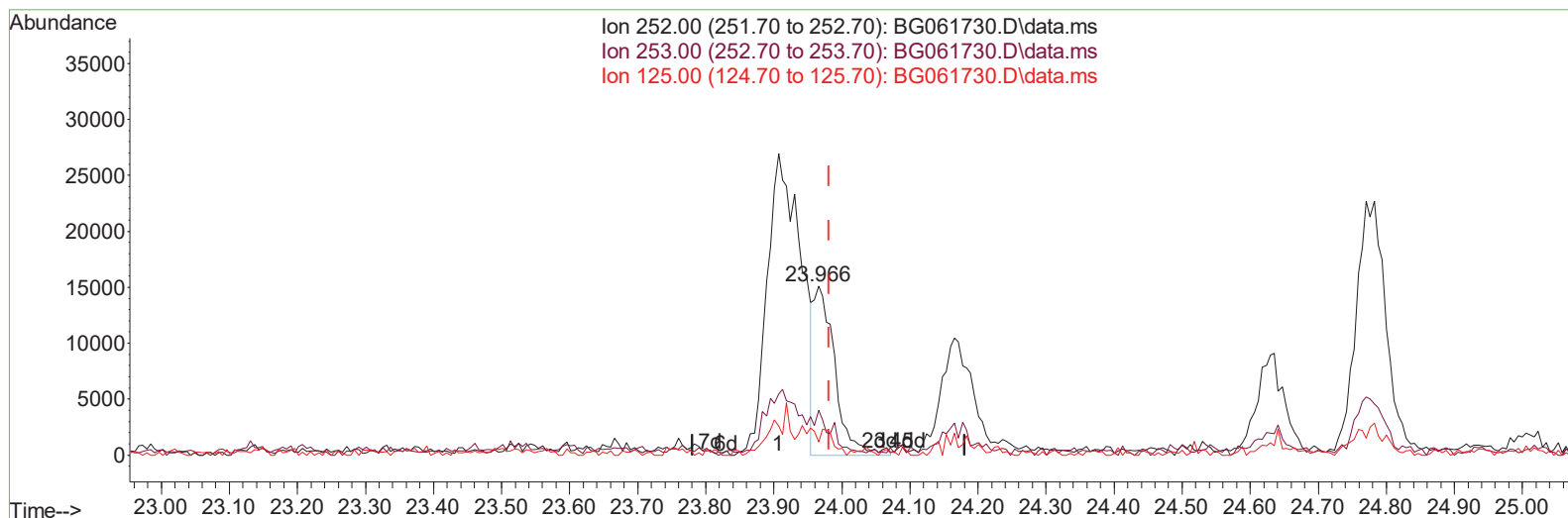
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(91) Benzo(k)fluoranthene

23.966min (-0.016) 1.13 ng/u1 m

response 32766

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	26.67#
125.00	7.70	7.56
0.00	0.00	0.00

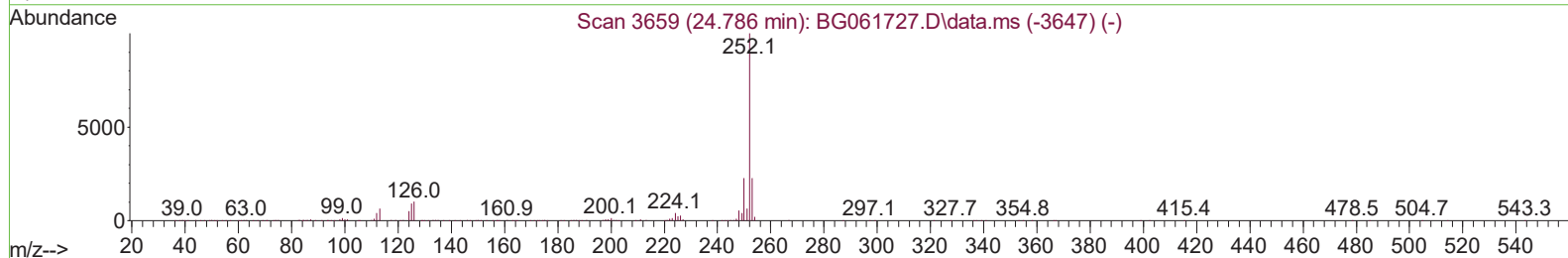
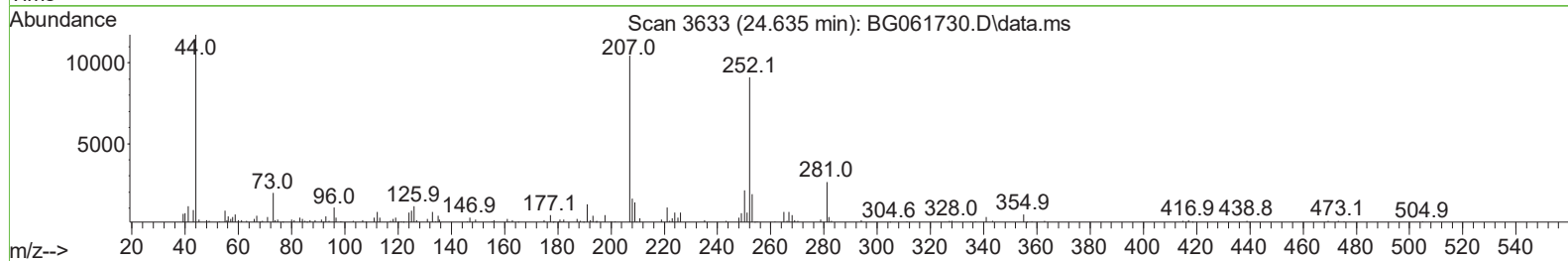
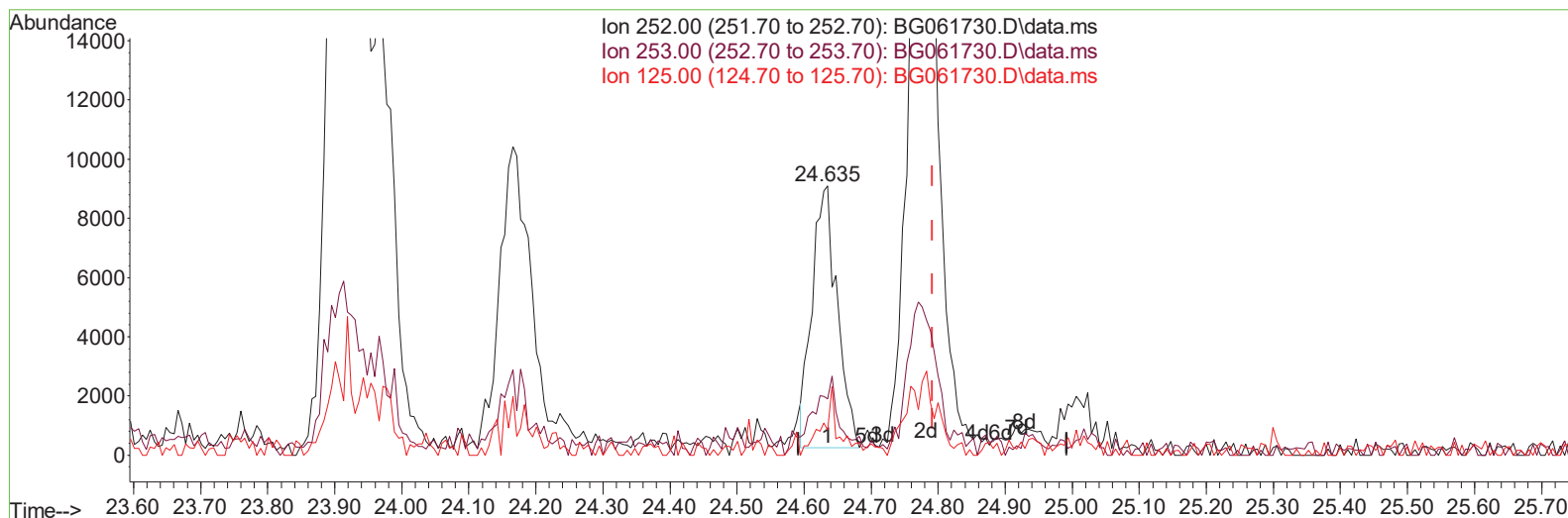
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
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 Operator : MA/JU
 Sample : P2873-03DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
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Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(93) Benzo(a)pyrene (C)

24.635min (-0.157) 0.85 ng/u1

response 23025

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	20.81
125.00	8.10	9.32
0.00	0.00	0.00

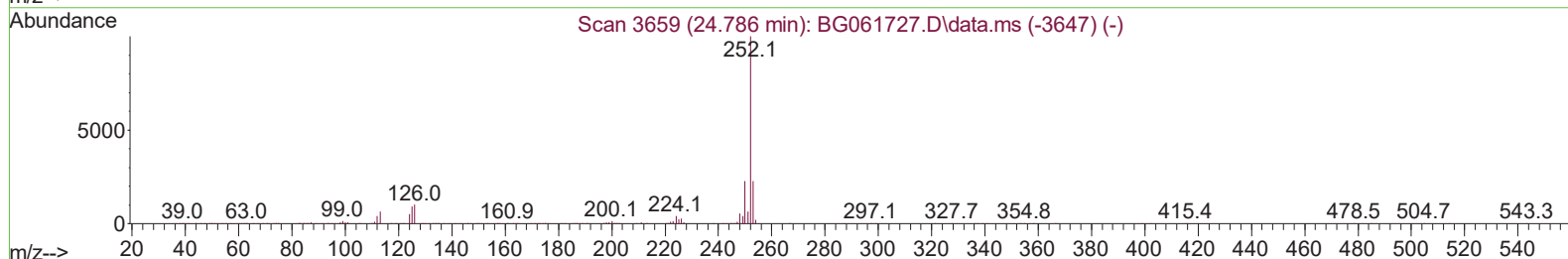
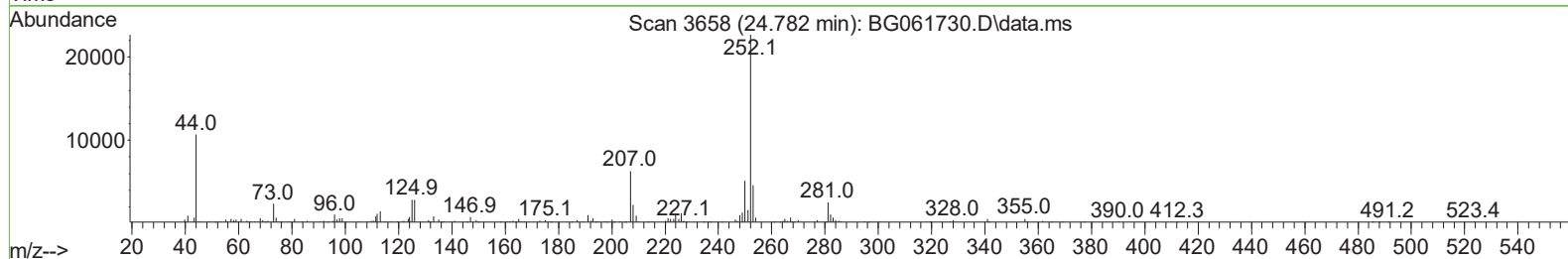
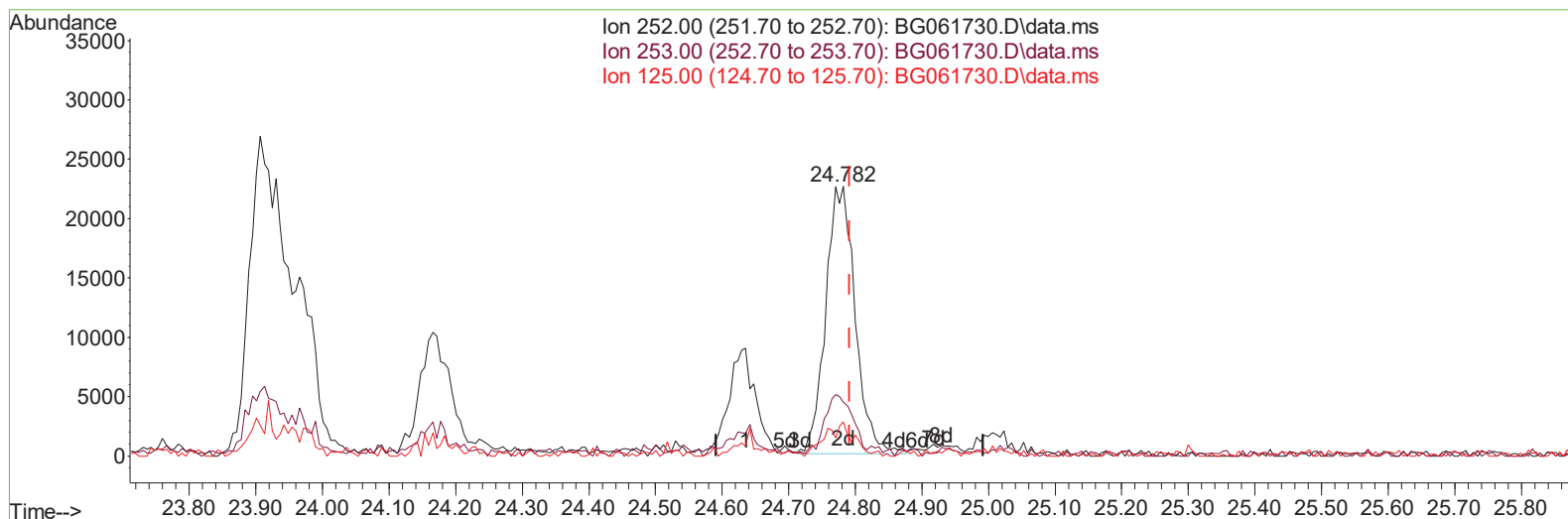
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:27:46 2024
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QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BG061730.D\data.ms

(93) Benzo(a)pyrene (C)

24.782min (-0.010) 2.54 ng/u1 m

response 69159

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	20.05
125.00	8.10	12.54#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061730.D
 Acq On : 26 Jun 2024 11:02
 Operator : MA/JU
 Sample : P2873-03DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SG7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 12:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	49521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	262994	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	201907	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	460808	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	394507	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	470256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	361	0.263	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.209	99	12285	2.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	8909	2.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	7870	2.133	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	4994	1.202	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	5094	2.853	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	5658m	3.128	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	10248	2.393	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	9830	1.516	ng/ul	0.00
46) Dimethylphthalate-d6	14.101	166	46623	3.001	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	50926	2.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.876	143	4022m	1.507	ng/ul	0.00
60) Fluorene-d10	15.687	176	43421	3.192	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	2579	1.309	ng/ul	0.00
73) Anthracene-d10	17.544	188	65846	3.130	ng/ul	0.00
81) Pyrene-d10	19.818	212	67430	3.060	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	51622	2.298	ng/ul	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.934	128	892088	60.623	ng/ul	98
36) 2-Methylnaphthalene	12.532	142	340500	32.793	ng/ul	98
37) 1-Methylnaphthalene	12.755	142	199984	18.051	ng/ul	95
43) 1,1'-Biphenyl	13.537	154	49336	3.373	ng/ul	97
50) Acenaphthylene	14.424	152	252325	13.275	ng/ul	97
52) Acenaphthene	14.765	153	18587	1.412	ng/ul	91
56) Dibenzofuran	15.094	168	19457	1.056	ng/ul	96
61) Fluorene	15.746	166	139850	9.174	ng/ul	92
72) Phenanthrene	17.485	178	711933	29.367	ng/ul	97
74) Anthracene	17.573	178	175937	7.097	ng/ul	98
80) Fluoranthene	19.489	202	272320	10.651	ng/ul	99
82) Pyrene	19.847	202	345061	12.692	ng/ul#	96
85) Benzo(a)anthracene	21.686	228	153856m	5.556	ng/ul	
87) Chrysene	21.751	228	114861	4.383	ng/ul	98
90) Benzo(b)fluoranthene	23.907	252	92848	3.285	ng/ul	95
91) Benzo(k)fluoranthene	23.966	252	32766m	1.127	ng/ul	
93) Benzo(a)pyrene	24.782	252	69159m	2.541	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 12:31:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

