

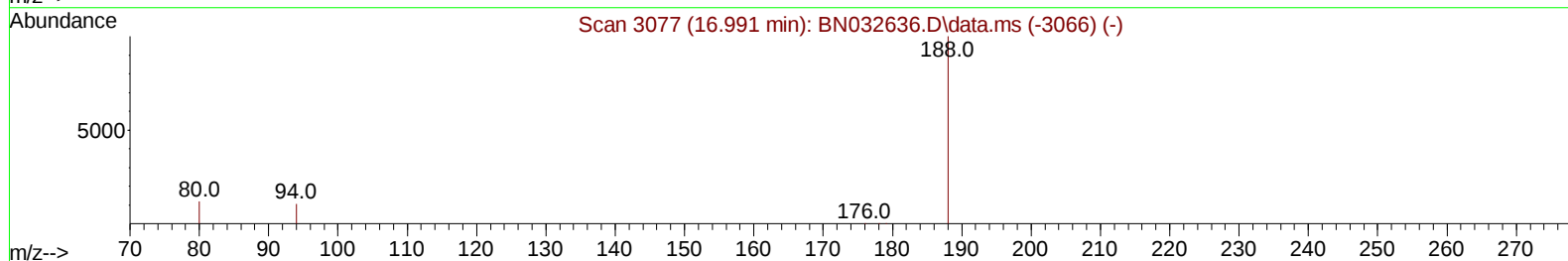
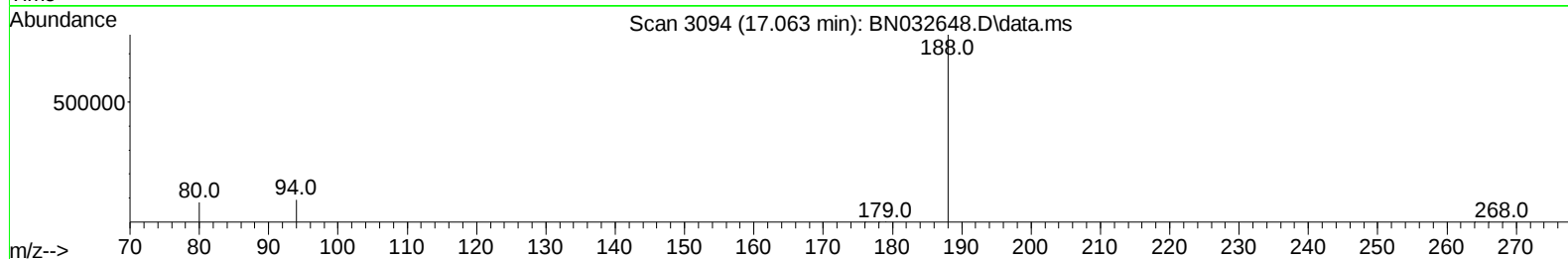
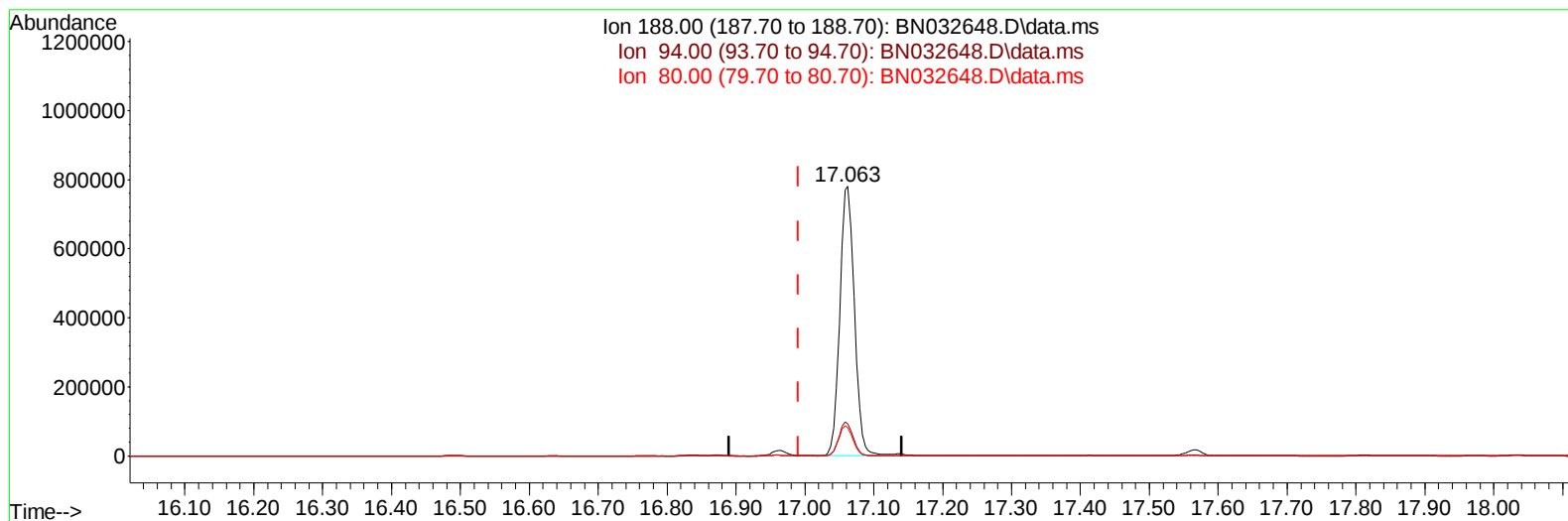
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032648.D\data.ms

(13) Phenanthrene-d10 (I)**17.063min (+ 0.072) 0.40 ng/u1****response 1144655**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.96
80.00	12.00	10.57
0.00	0.00	0.00

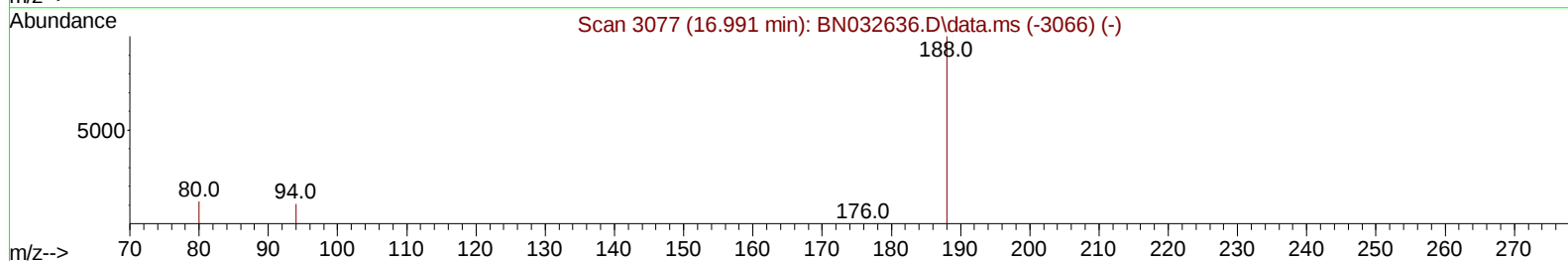
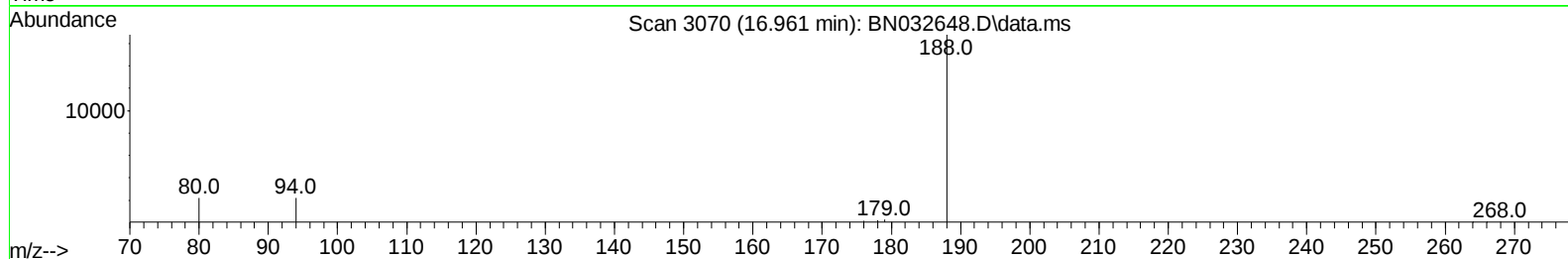
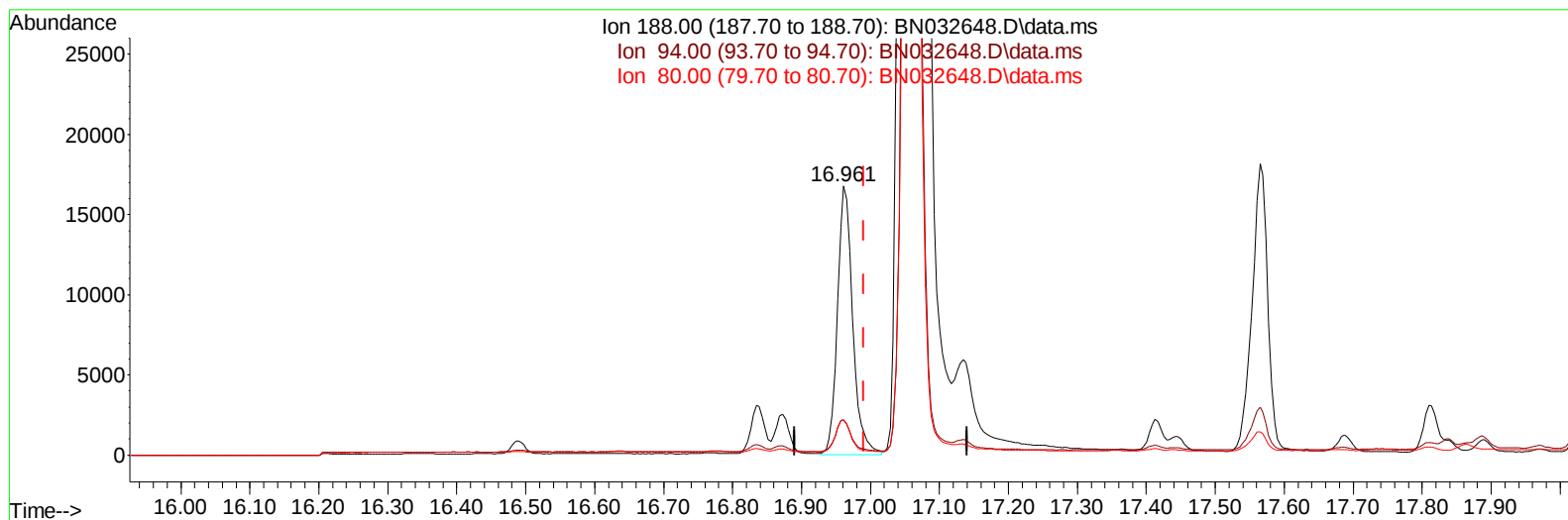
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.029) 0.40 ng/ul m

response 25799

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.11
80.00	12.00	13.16
0.00	0.00	0.00

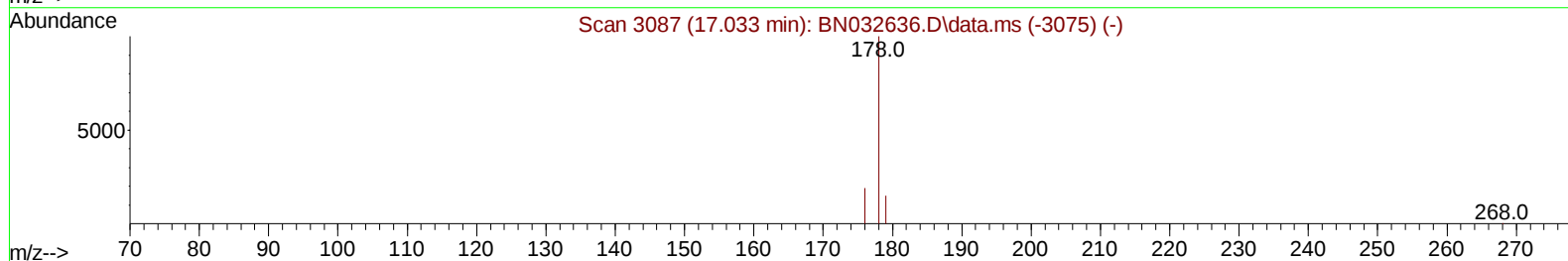
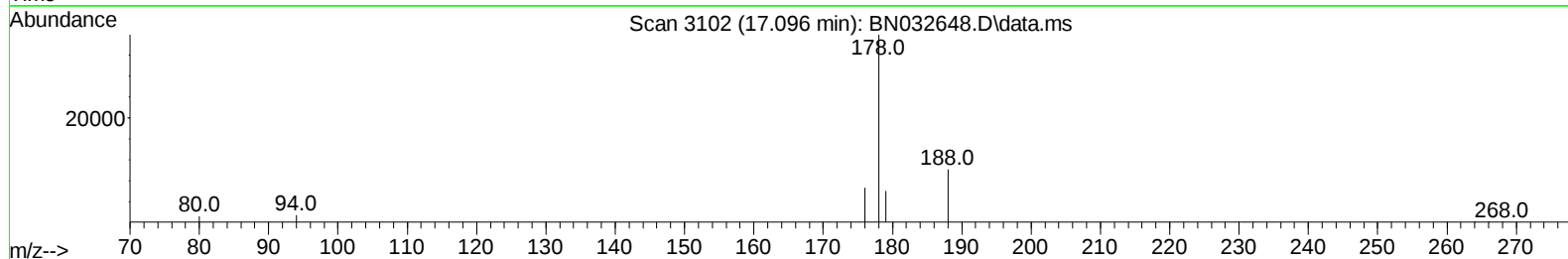
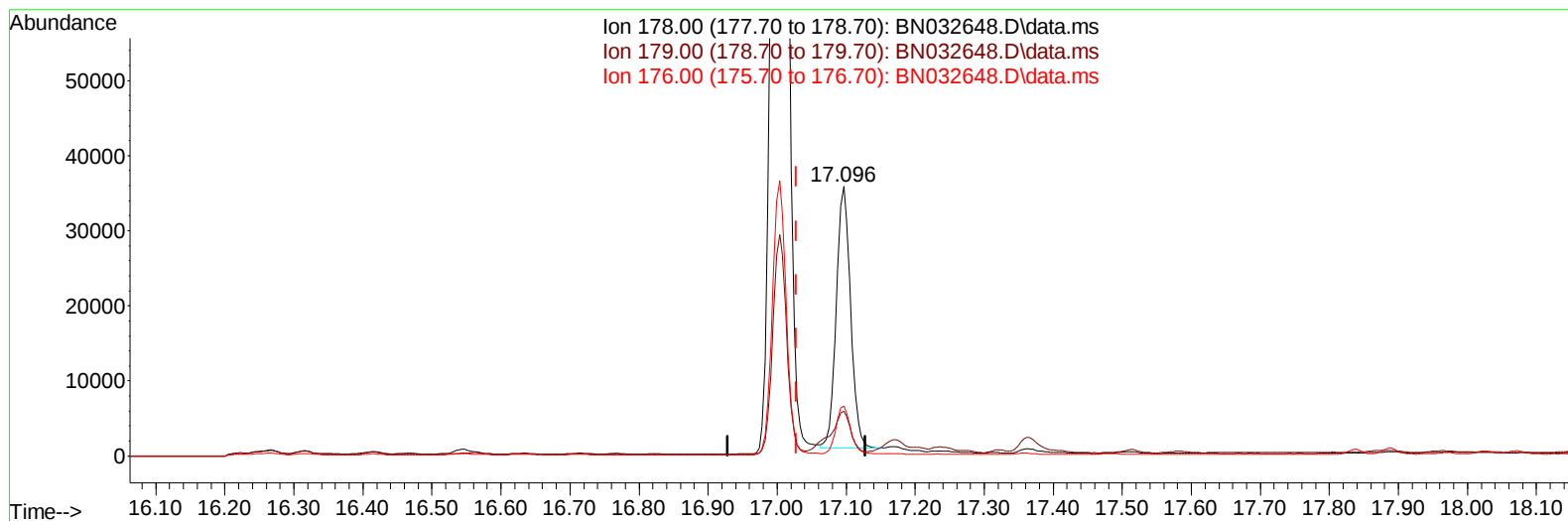
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(15) Phenanthrene

17.096min (+ 0.068) 0.71 ng/u1

response 49881

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.73
176.00	19.50	18.61
0.00	0.00	0.00

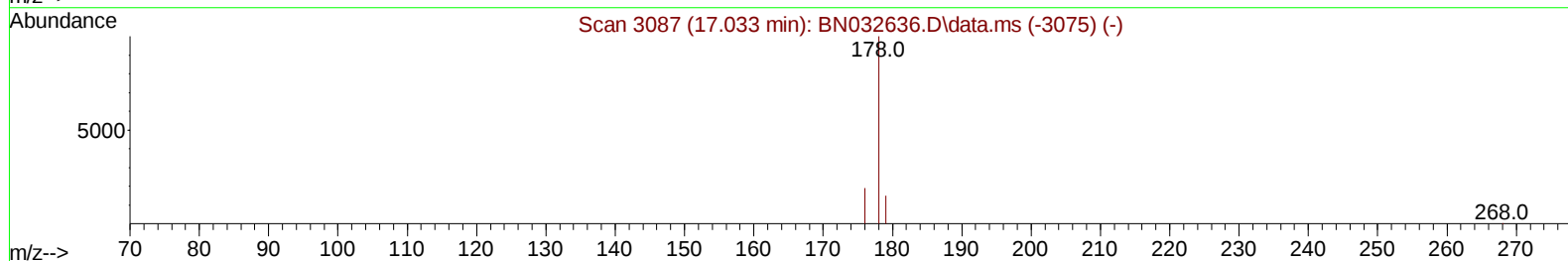
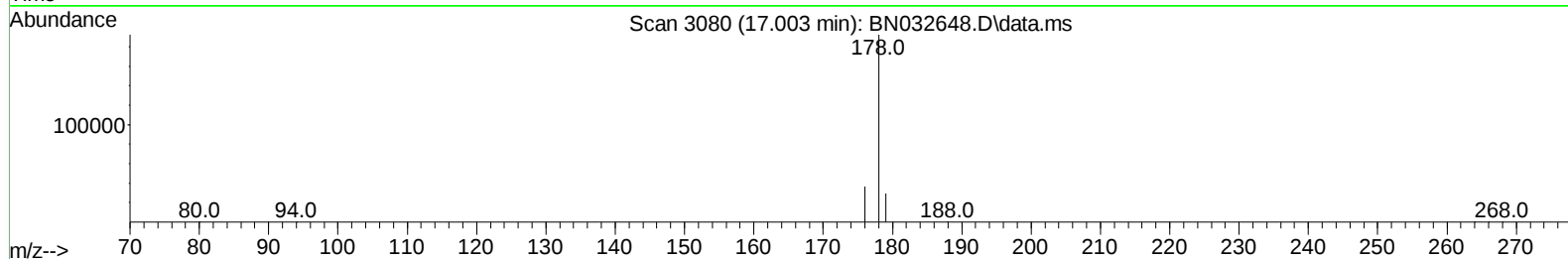
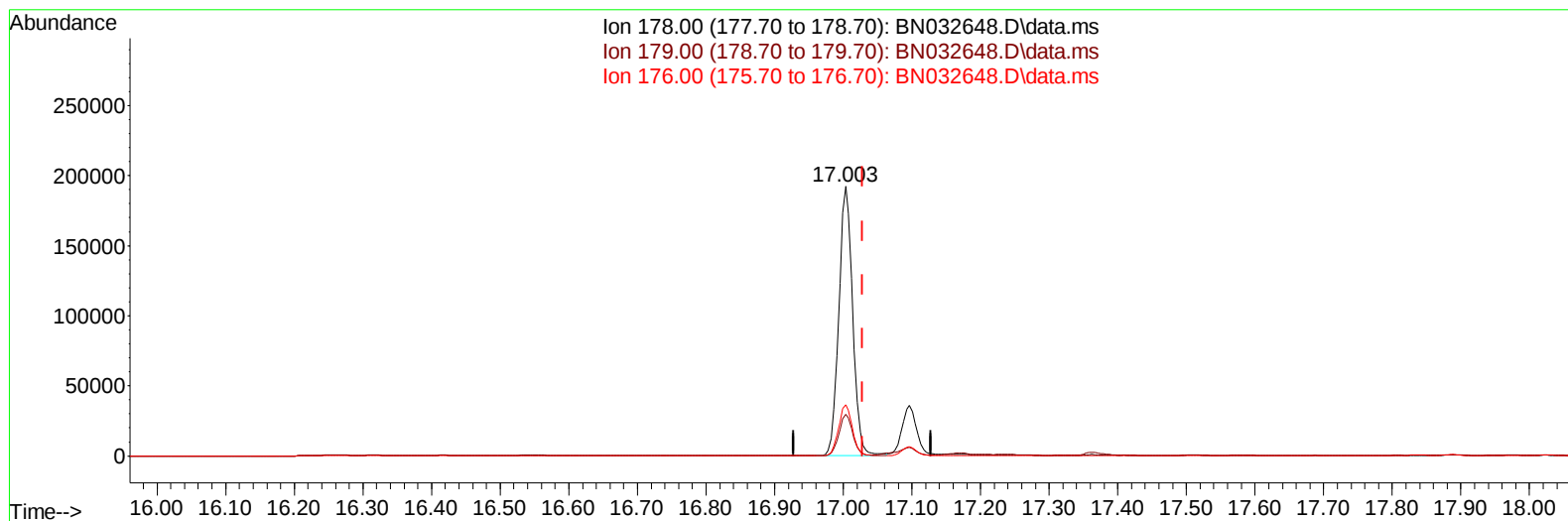
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 3.83 ng/u1 m

response 269356

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.36
176.00	19.50	19.07
0.00	0.00	0.00

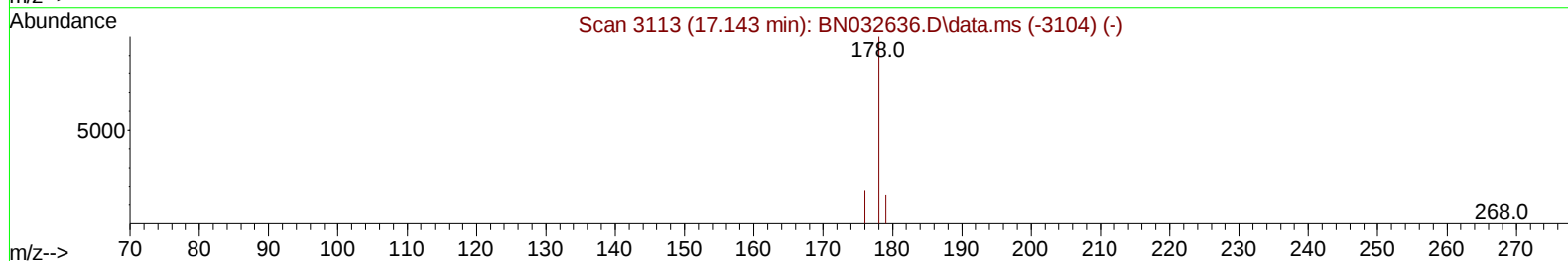
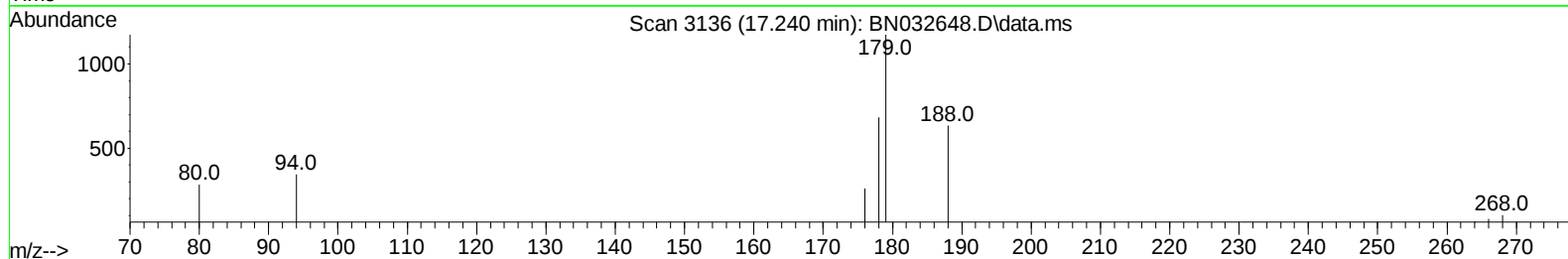
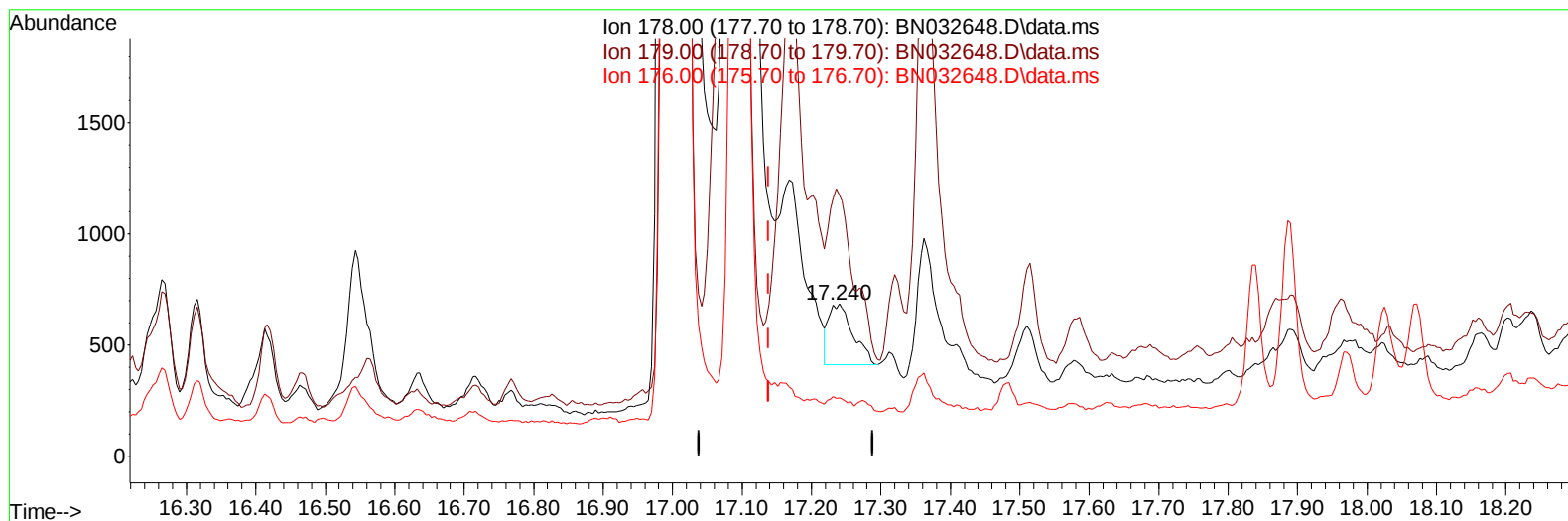
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(16) Anthracene

17.240min (+ 0.101) 0.01 ng/u1

response 662

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	171.49#
176.00	19.20	38.16#
0.00	0.00	0.00

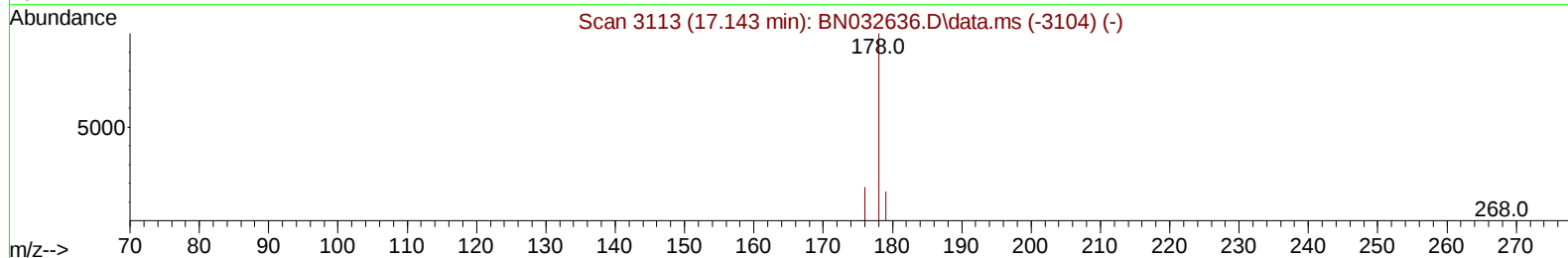
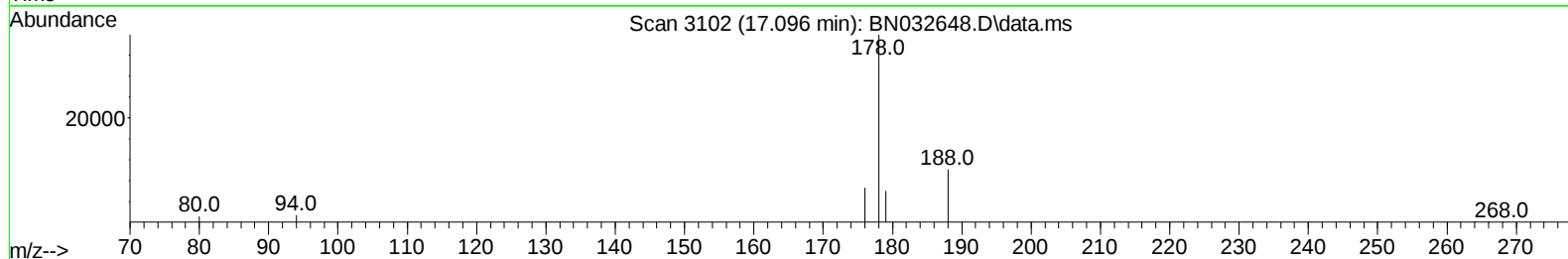
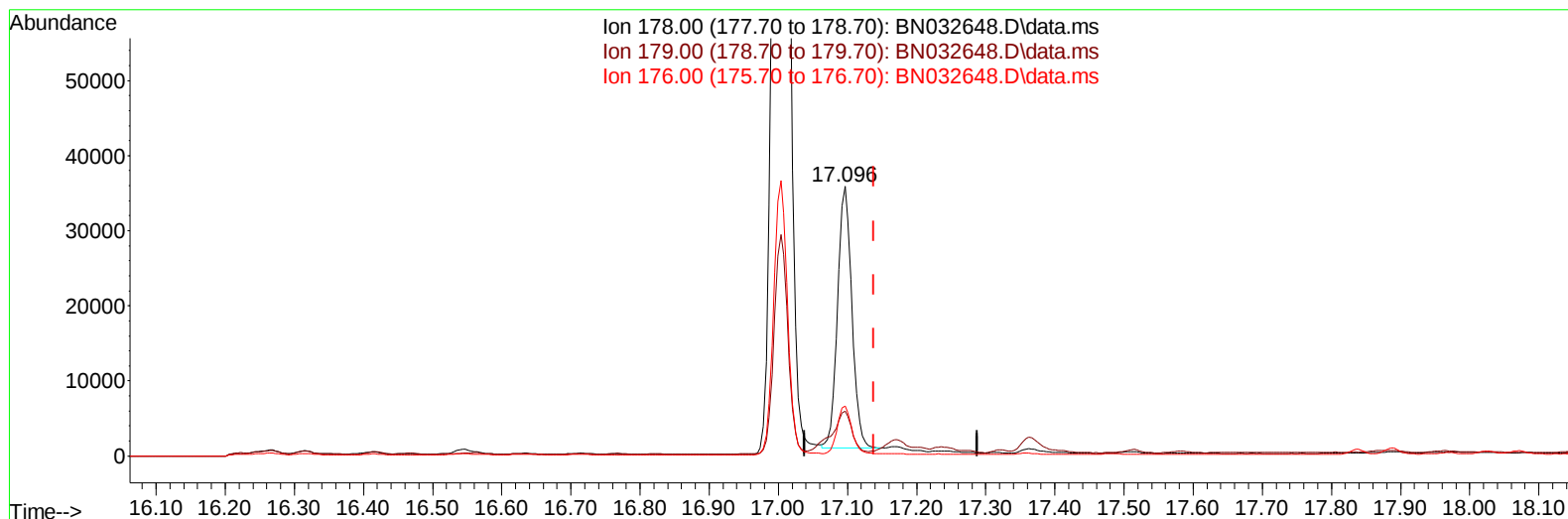
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(16) Anthracene

17.096min (-0.042) 0.87 ng/ul m

response 49975

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.73
176.00	19.20	18.61
0.00	0.00	0.00

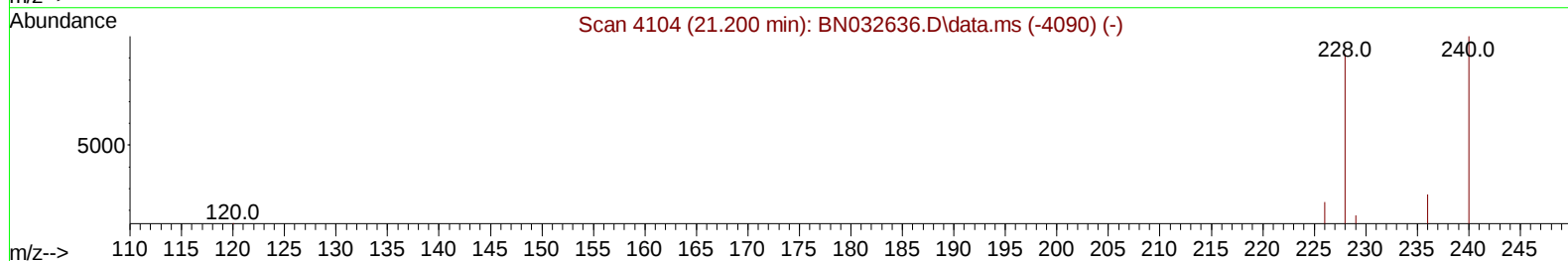
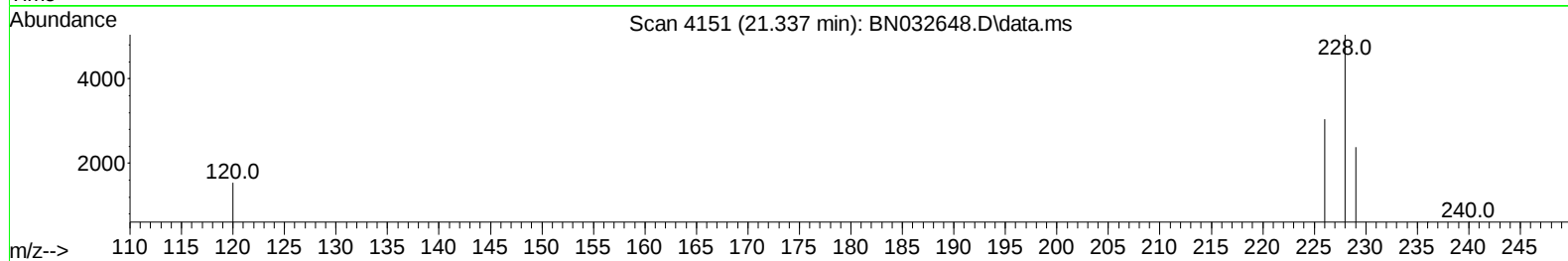
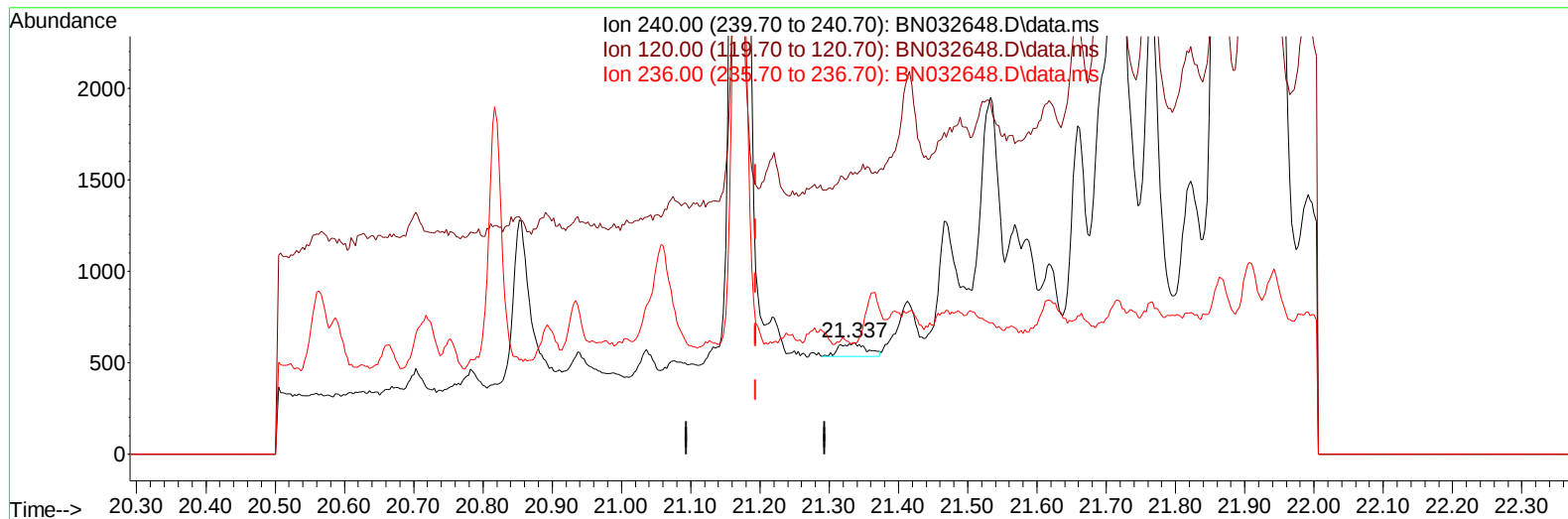
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(17) Chrysene-d12

21.337min (+ 0.143) 0.40 ng/u1

response 204

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	252.46#
236.00	28.40	99.67#
0.00	0.00	0.00

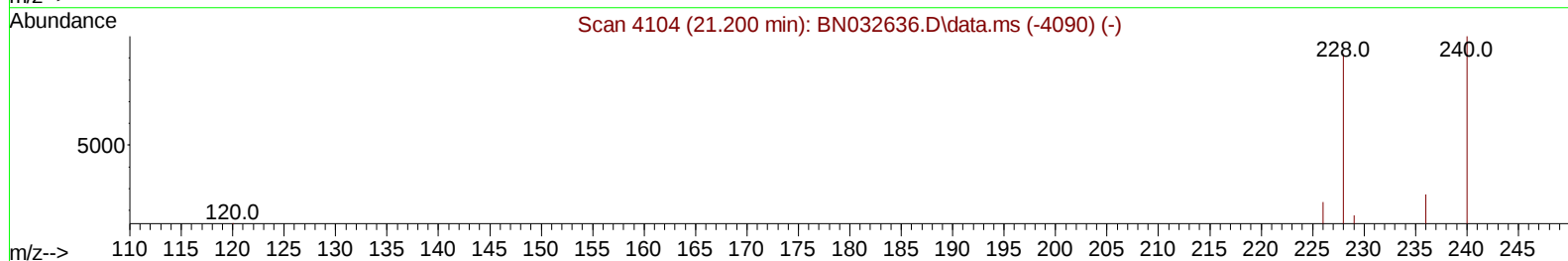
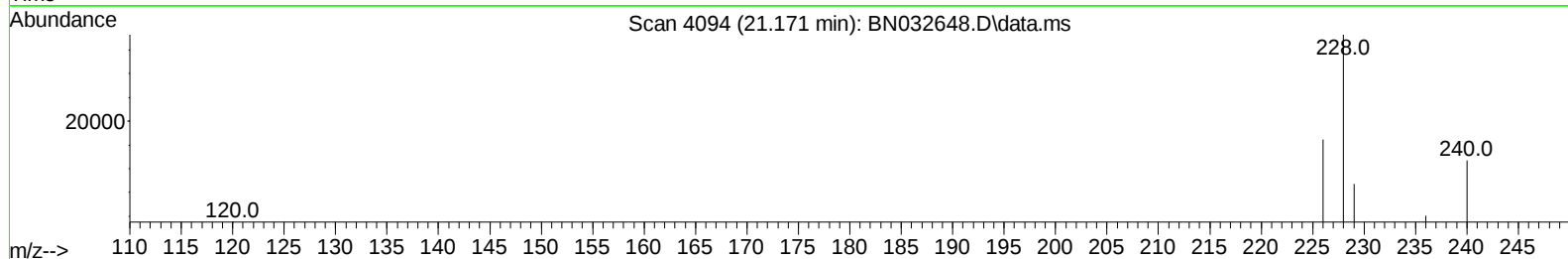
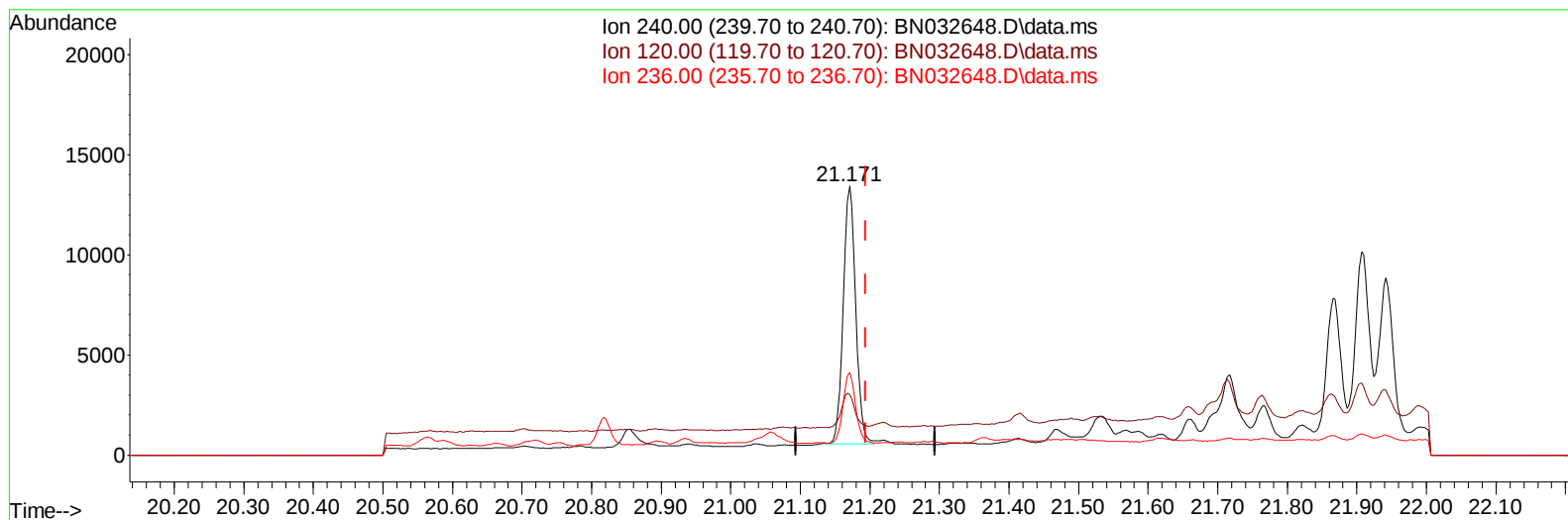
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032648.D\data.ms

(17) Chrysene-d12

21.171min (-0.023) 0.40 ng/ul m

response 15992

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	22.59#
236.00	28.40	30.84
0.00	0.00	0.00

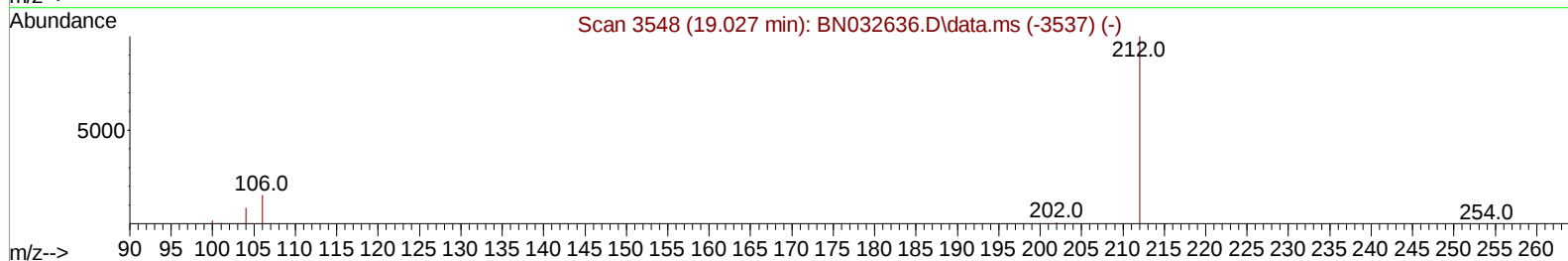
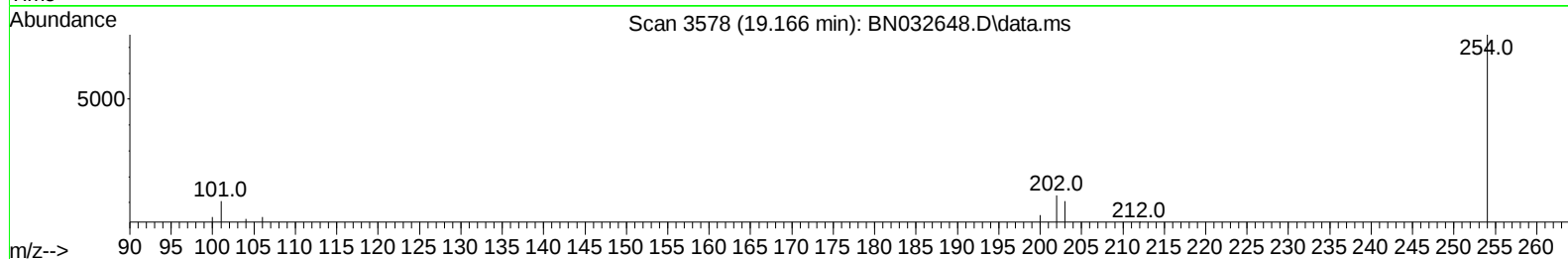
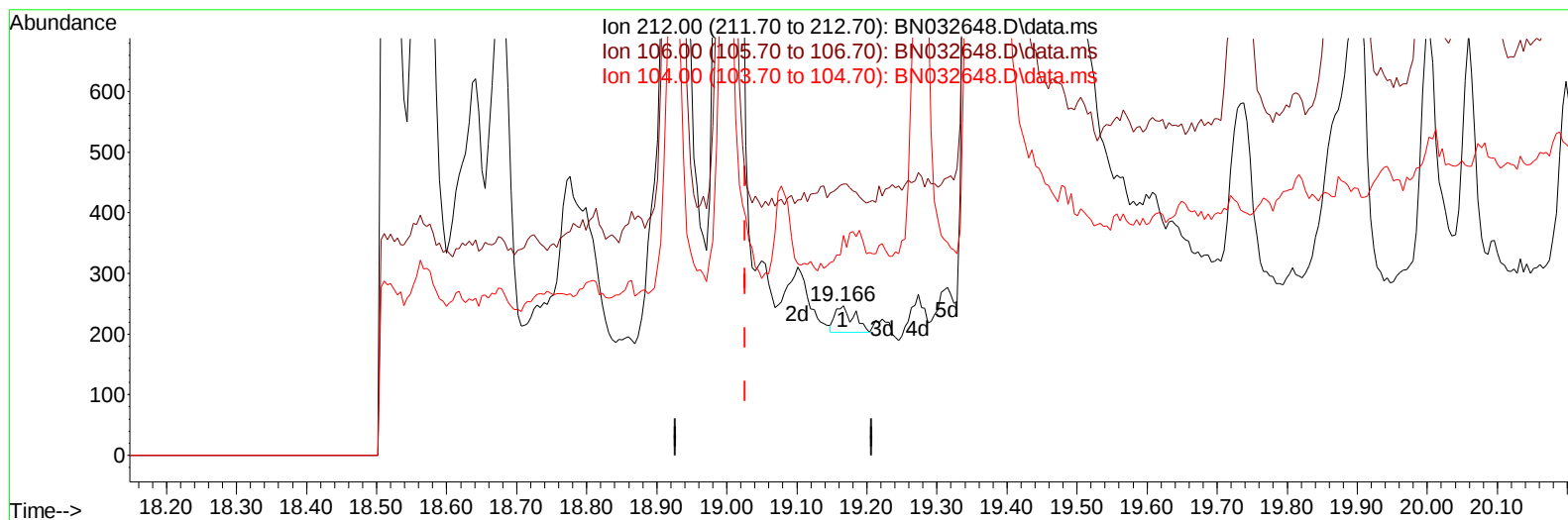
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032648.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.166min (+ 0.140) 0.00 ng/u1

response 79

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	67.09#
104.00	9.00	0.00#
0.00	0.00	0.00

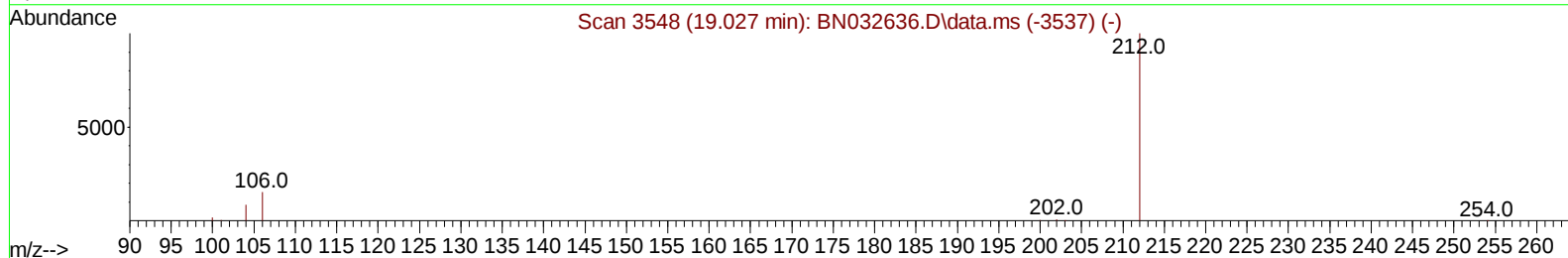
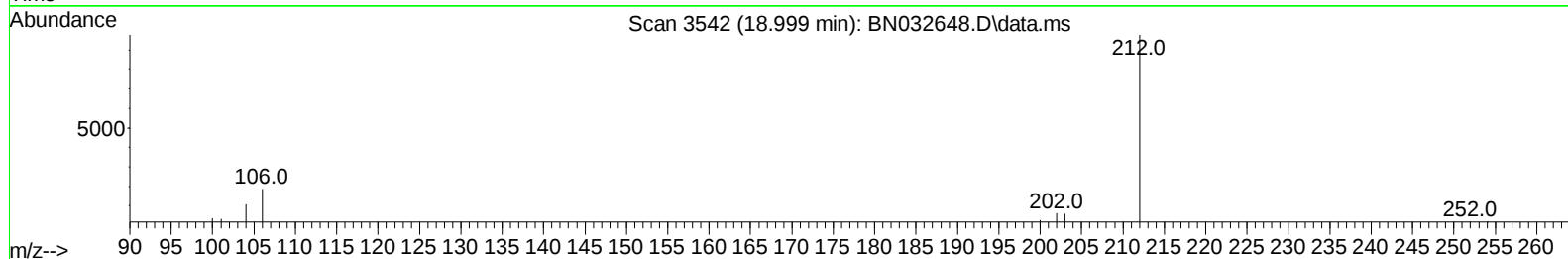
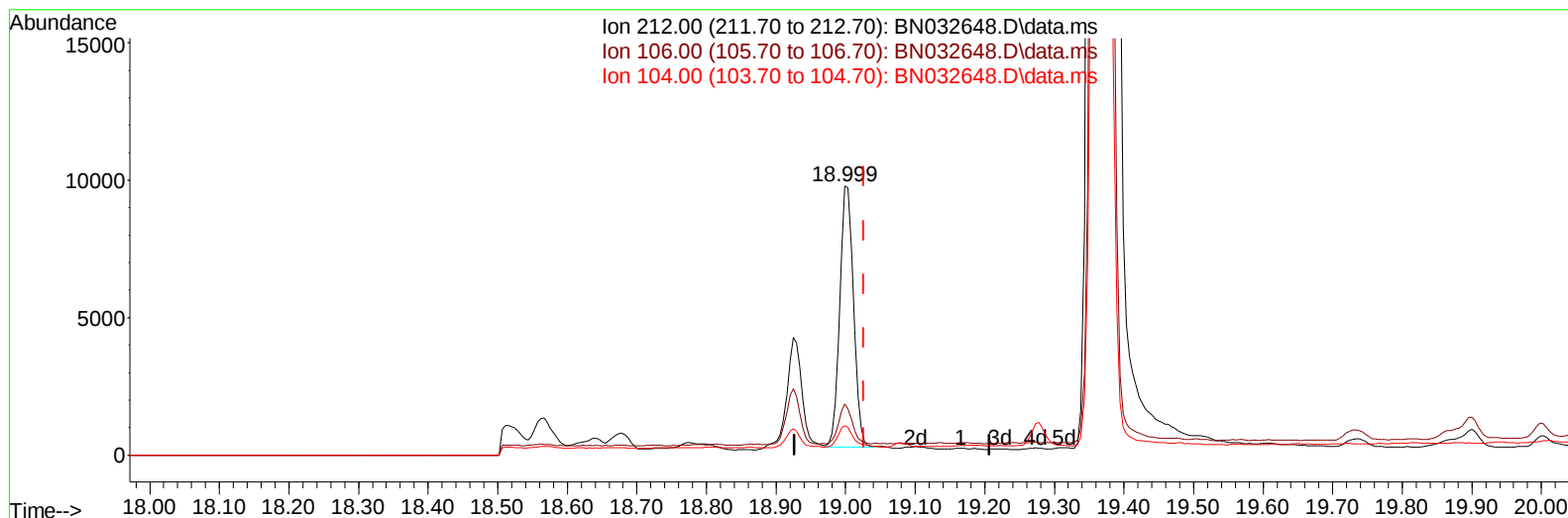
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.25 ng/ul m

response 12822

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.41#
104.00	9.00	0.00#
0.00	0.00	0.00

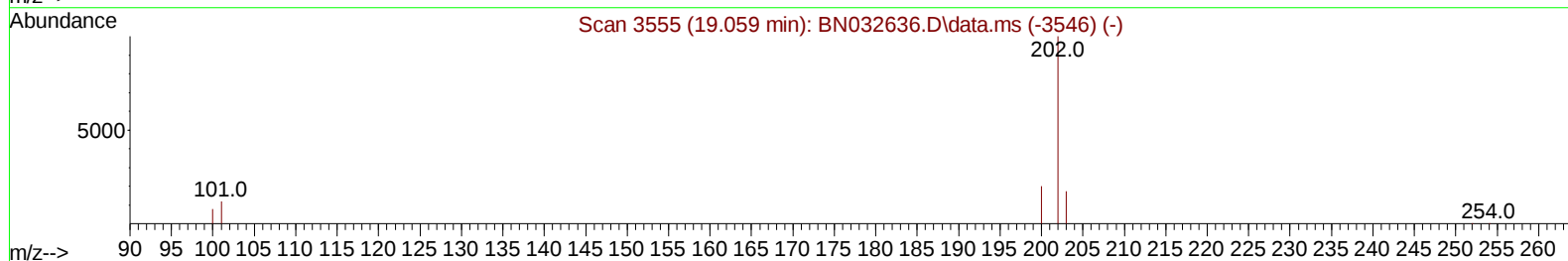
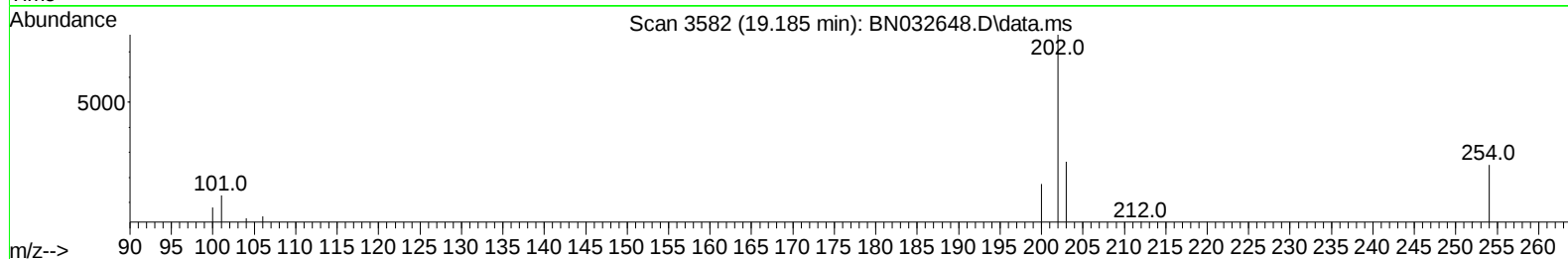
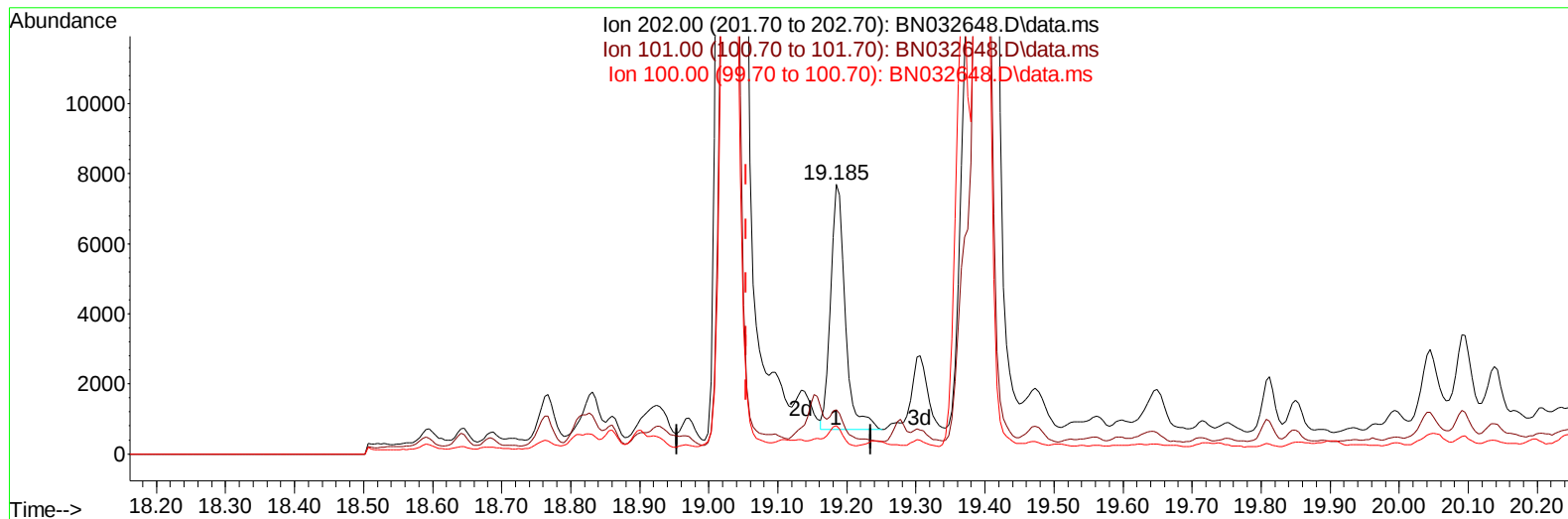
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.16 ng/u1

response 10324

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	16.53#
100.00	9.90	10.54
0.00	0.00	0.00

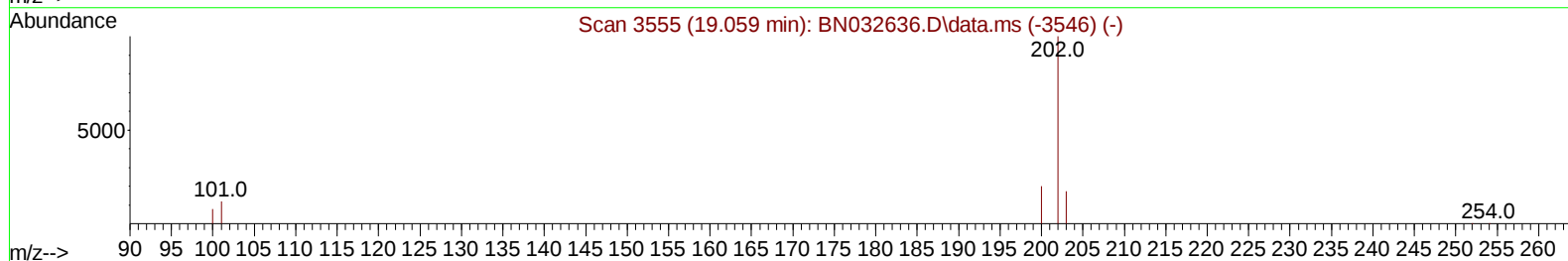
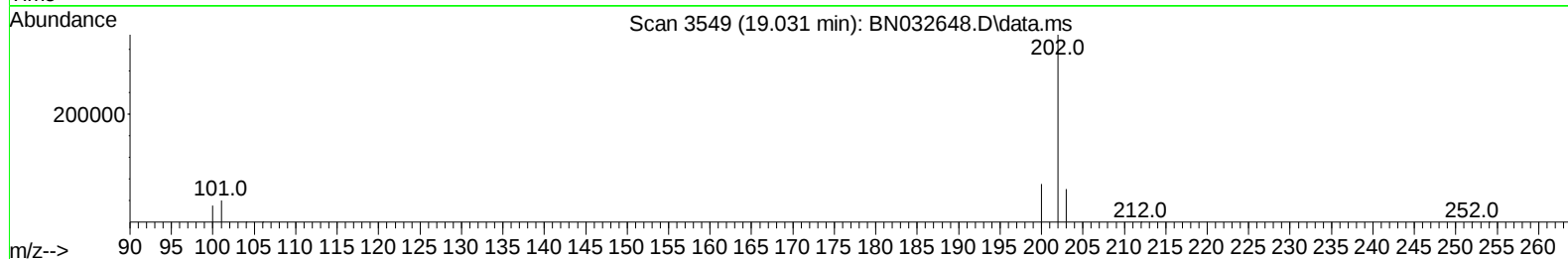
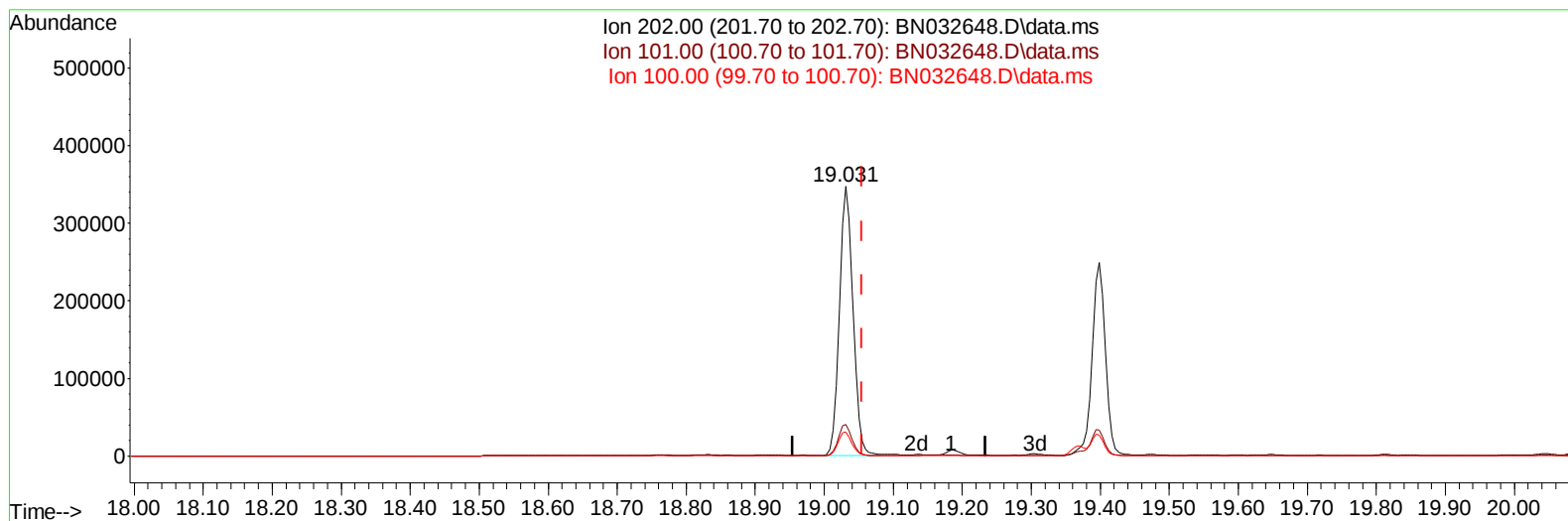
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 7.23 ng/ul m

response 470115

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.72
100.00	9.90	8.79
0.00	0.00	0.00

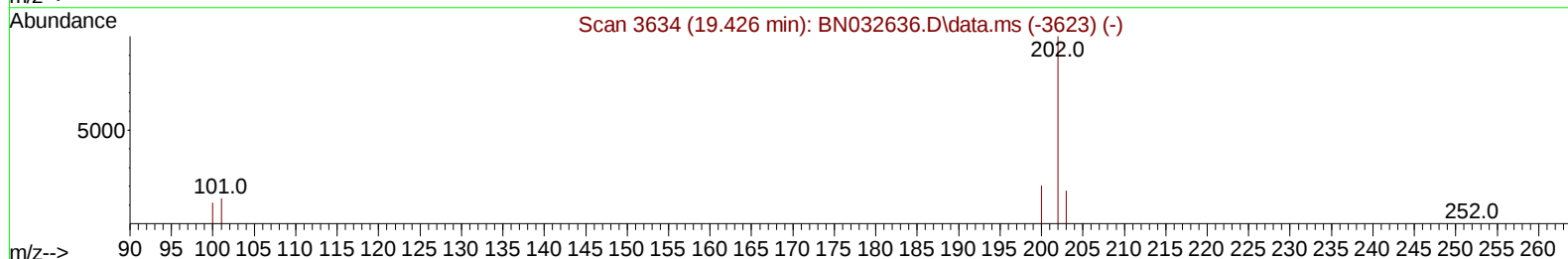
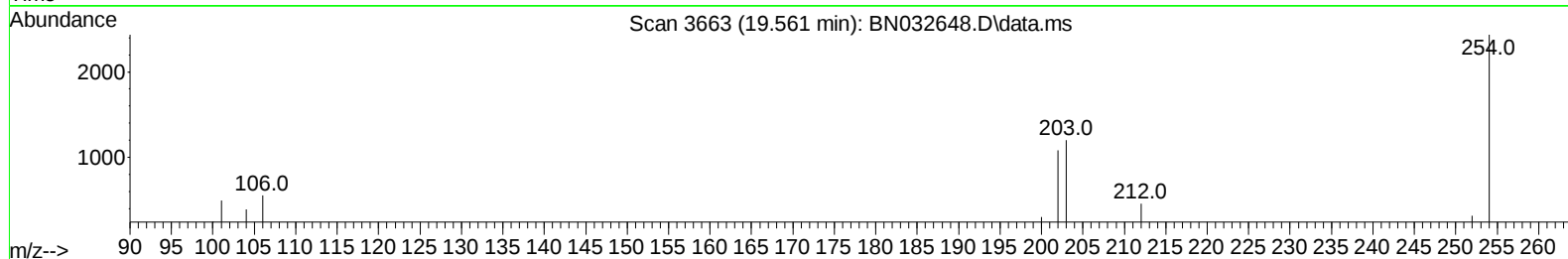
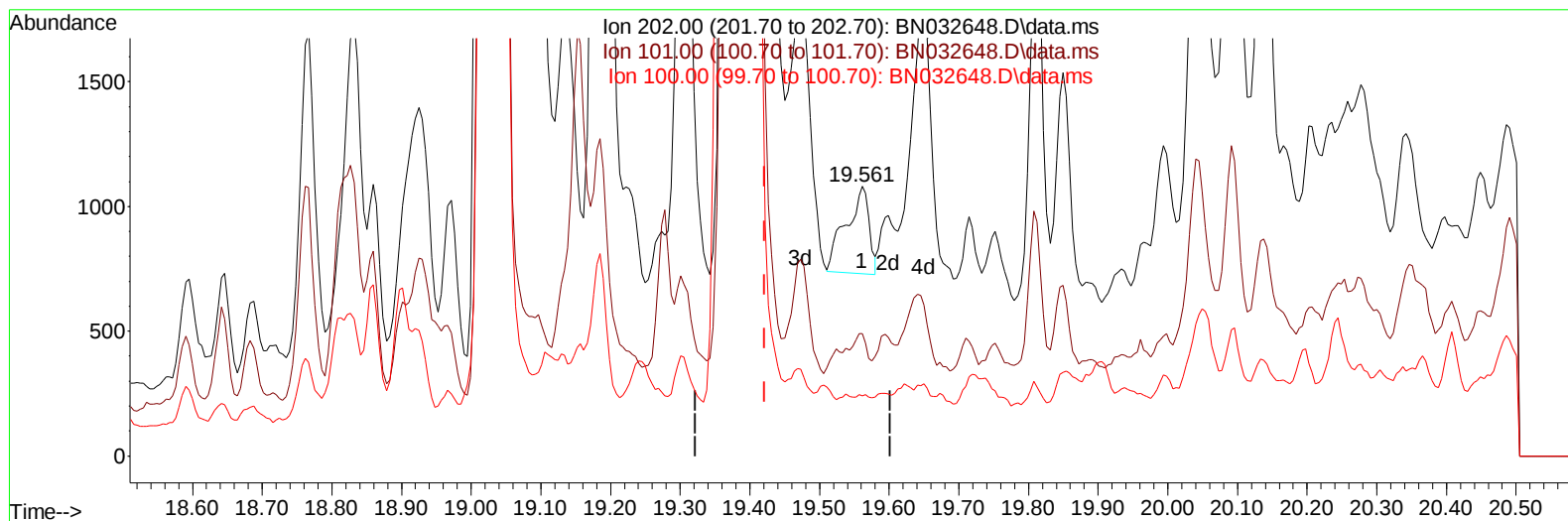
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032648.D
 Acq On : 11 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3035-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(20) Pyrene

19.561min (+ 0.140) 0.01 ng/u1

response 804

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	45.37#
100.00	12.00	22.22#
0.00	0.00	0.00

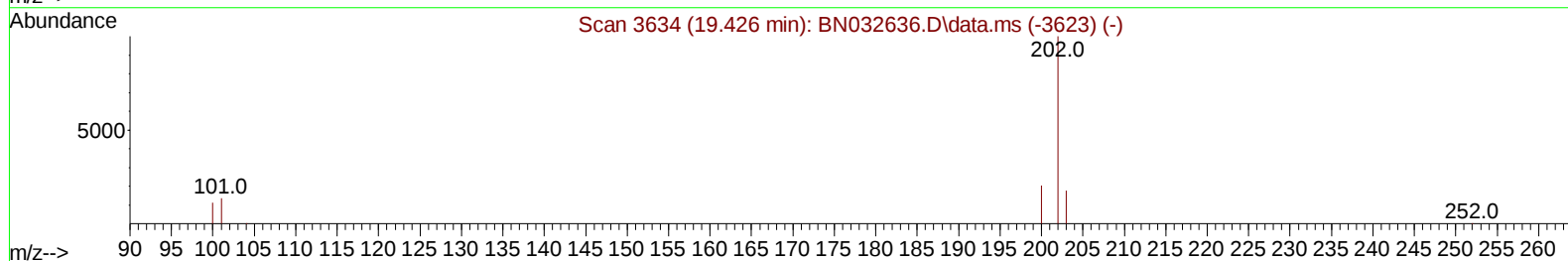
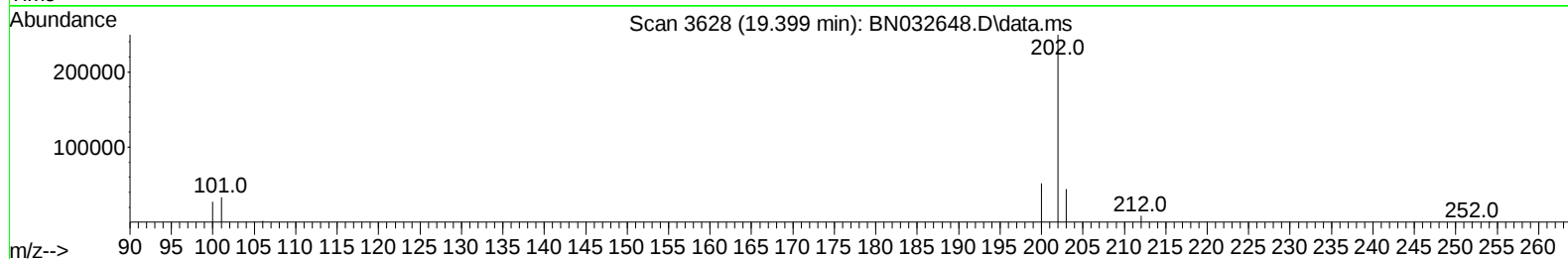
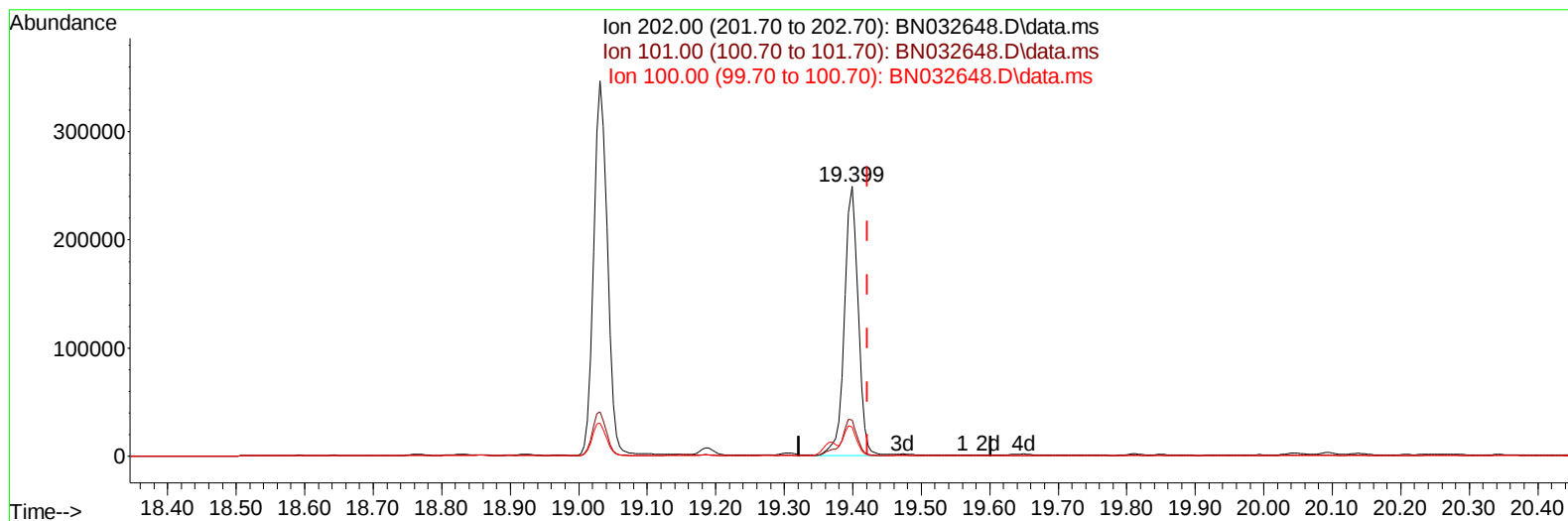
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032648.D\data.ms

(20) Pyrene

19.399min (-0.023) 5.04 ng/u1 m

response 338871

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.44
100.00	12.00	10.77
0.00	0.00	0.00

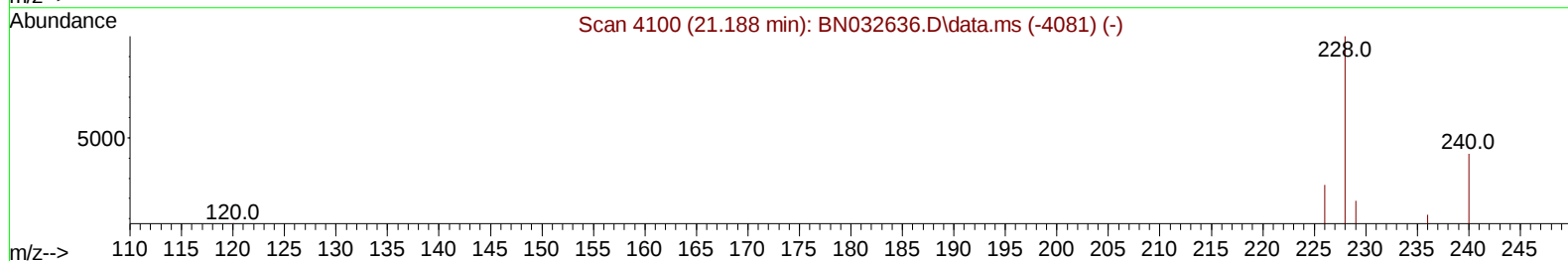
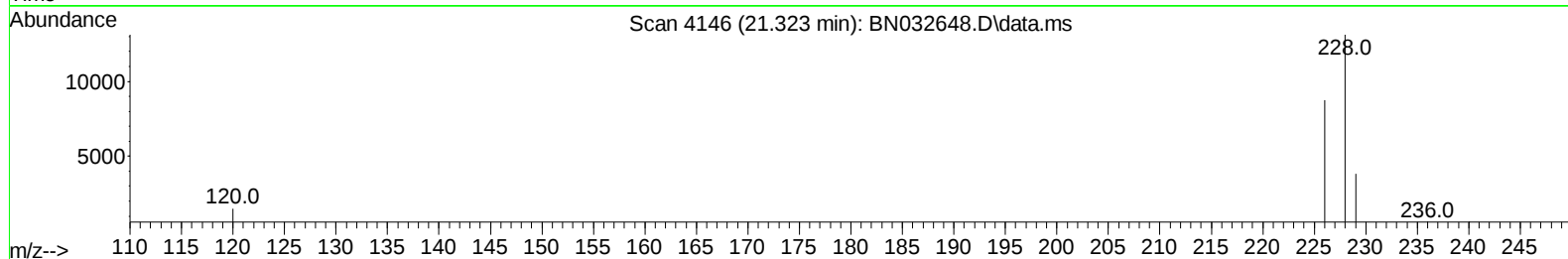
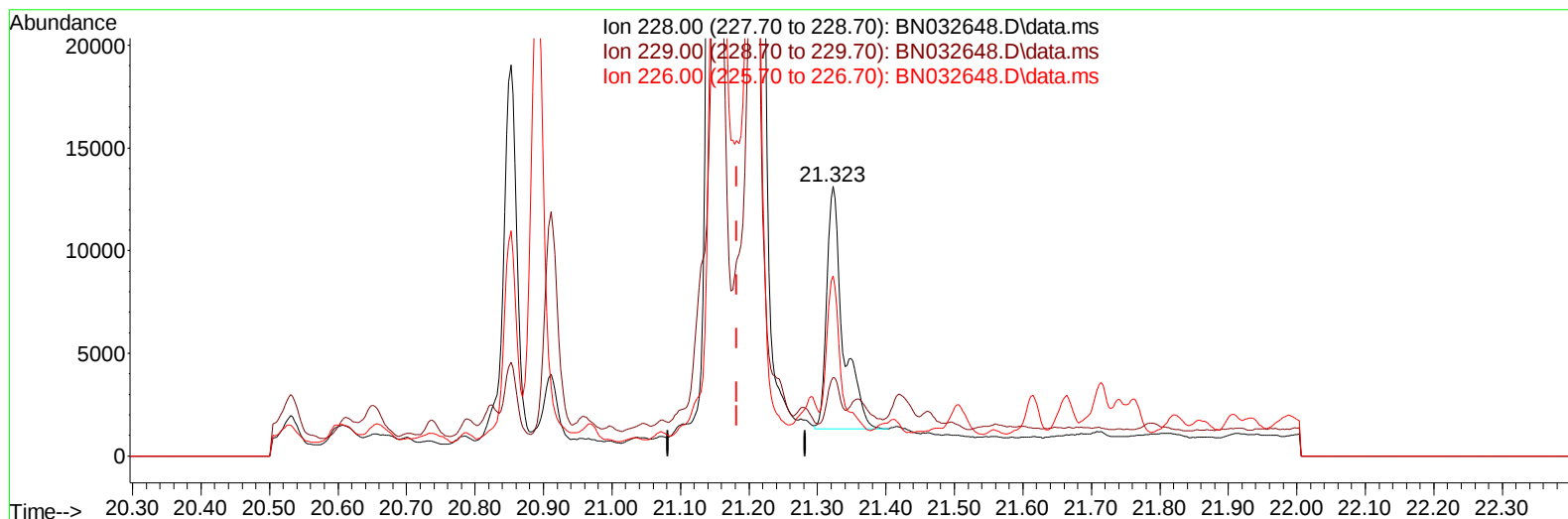
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(21) Benzo(a)anthracene

21.323min (+ 0.140) 0.39 ng/u1

response 19714

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	29.24#
226.00	27.40	66.79#
0.00	0.00	0.00

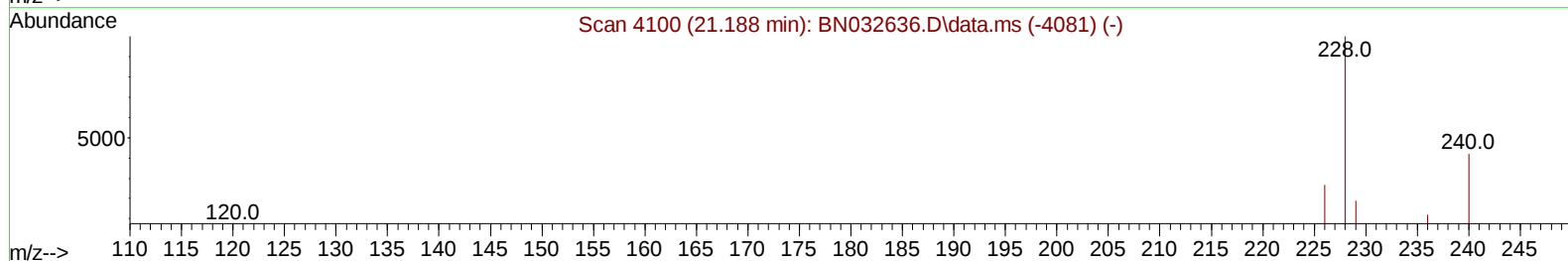
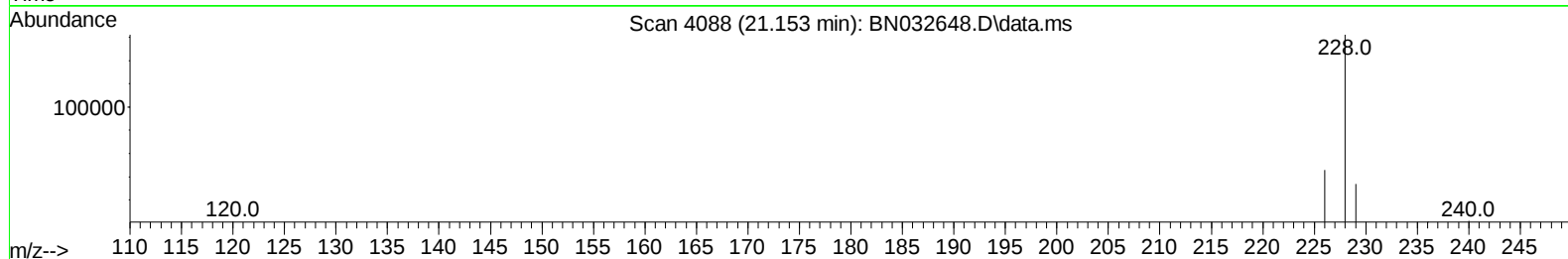
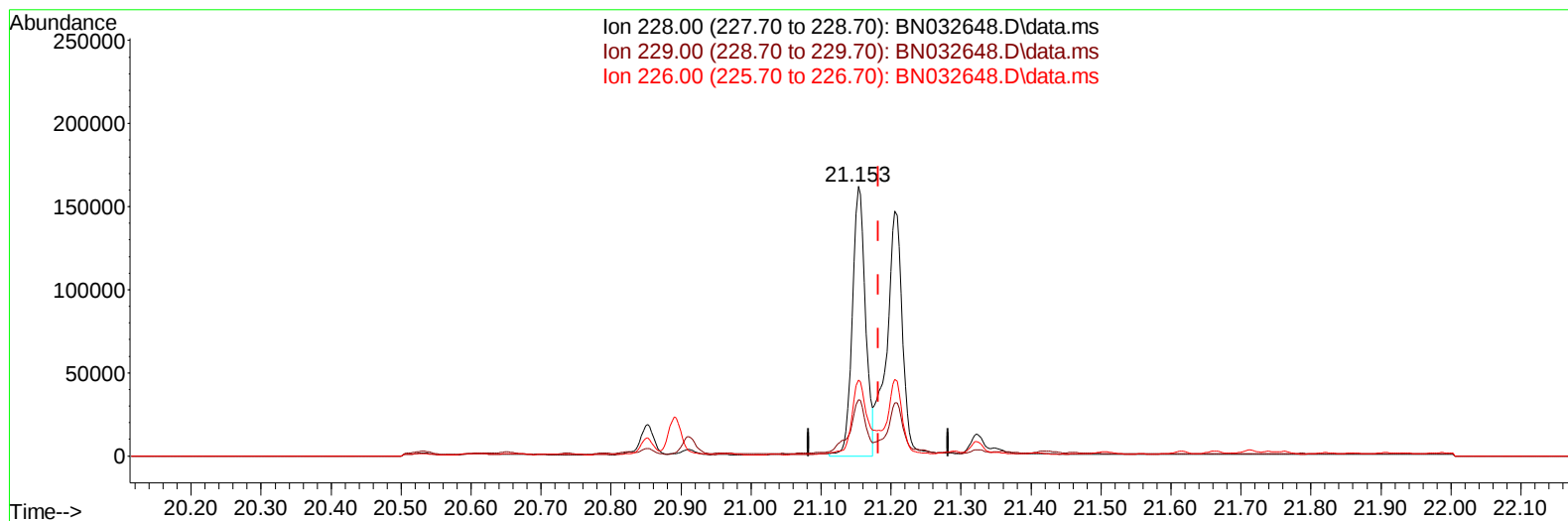
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.029) 4.16 ng/ul m

response 211686

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.96
226.00	27.40	28.13
0.00	0.00	0.00

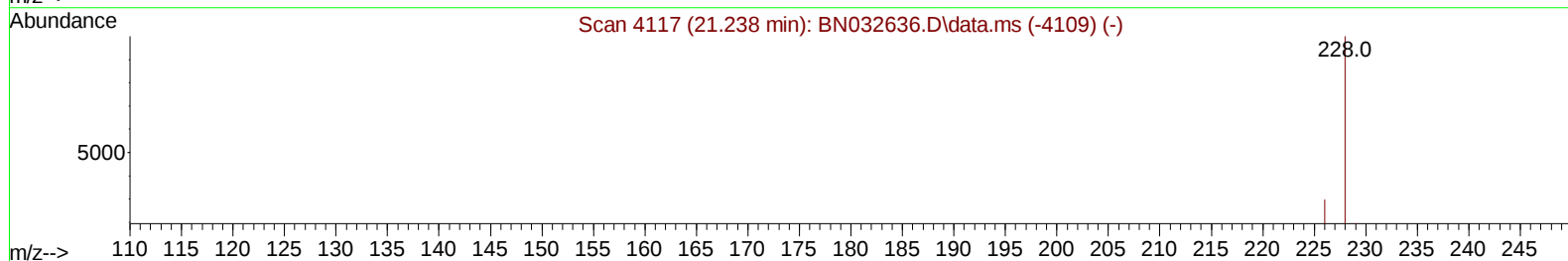
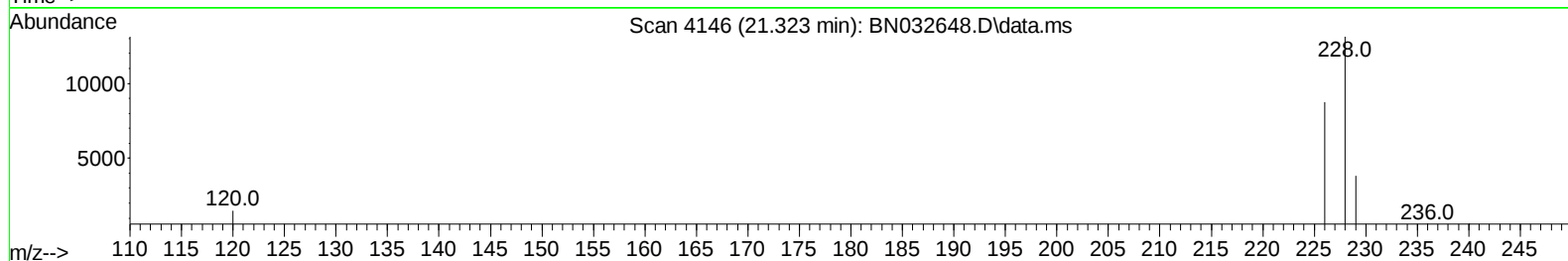
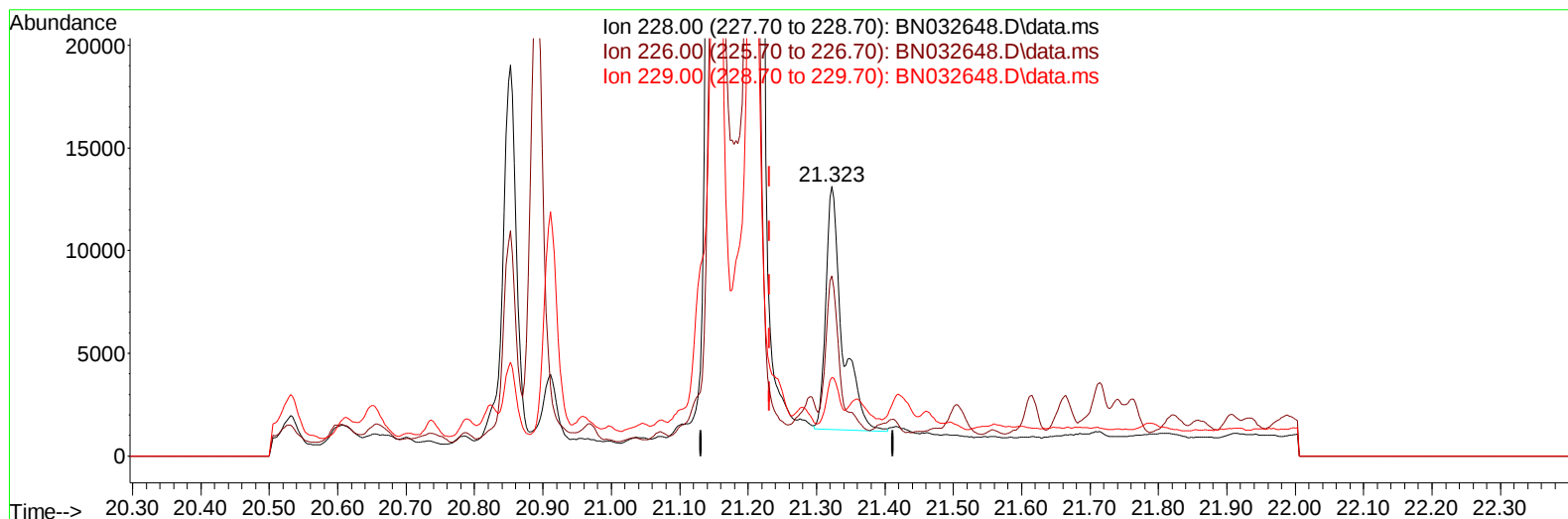
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(22) Chrysene

21.323min (+ 0.091) 0.27 ng/u1

response 20074

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	66.79#
229.00	19.70	29.24#
0.00	0.00	0.00

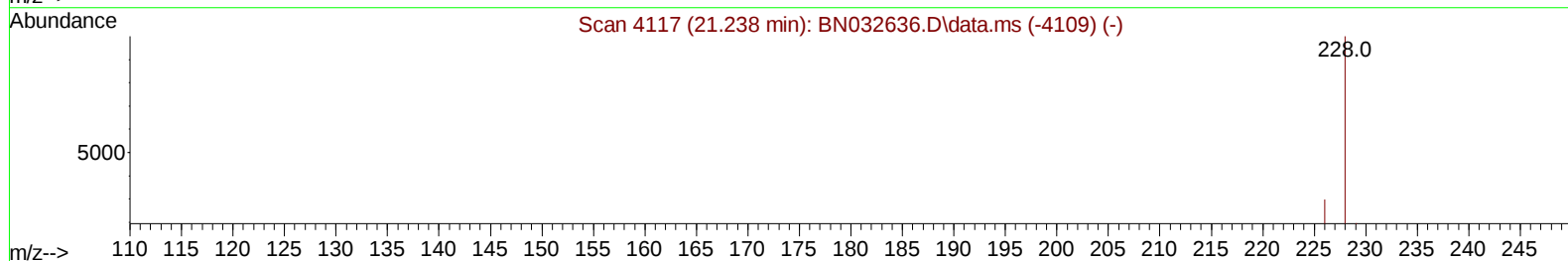
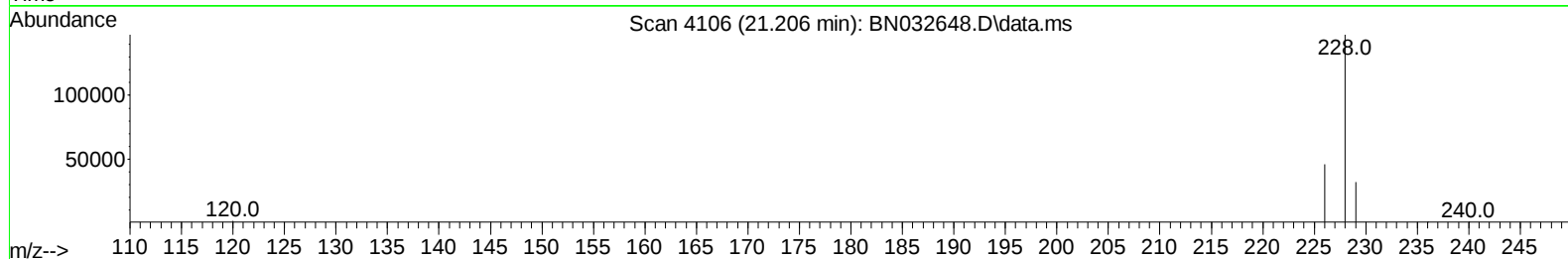
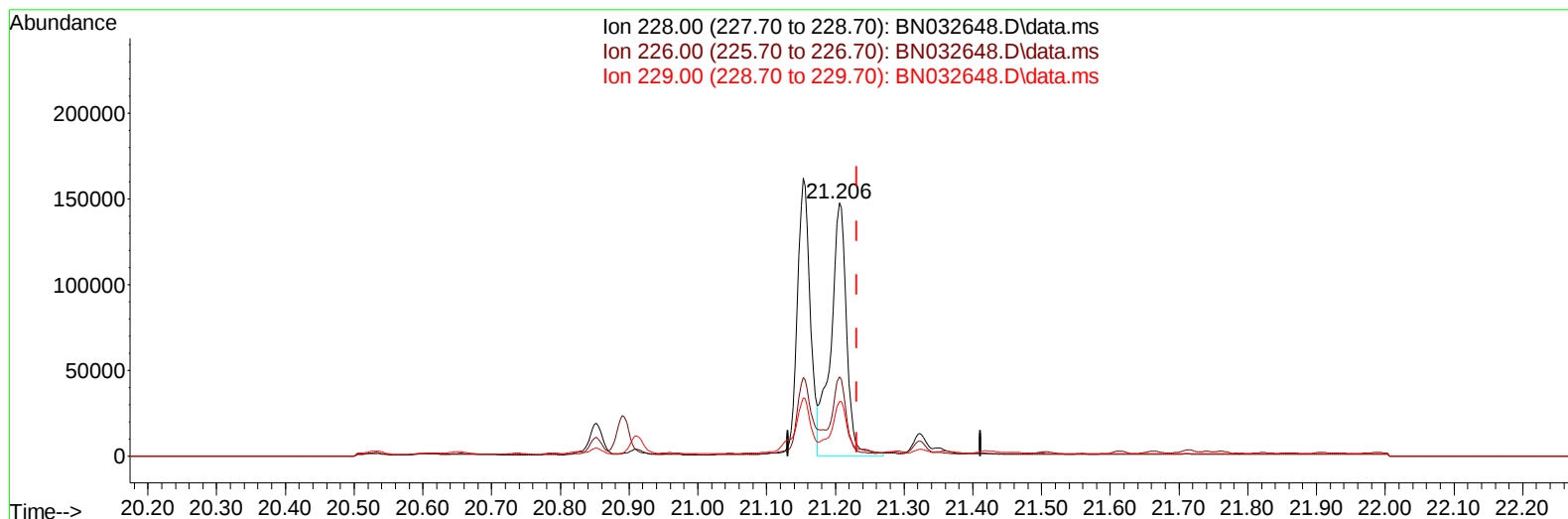
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(22) Chrysene

21.206min (-0.026) 3.21 ng/ul m

response 236324

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	31.18
229.00	19.70	21.55
0.00	0.00	0.00

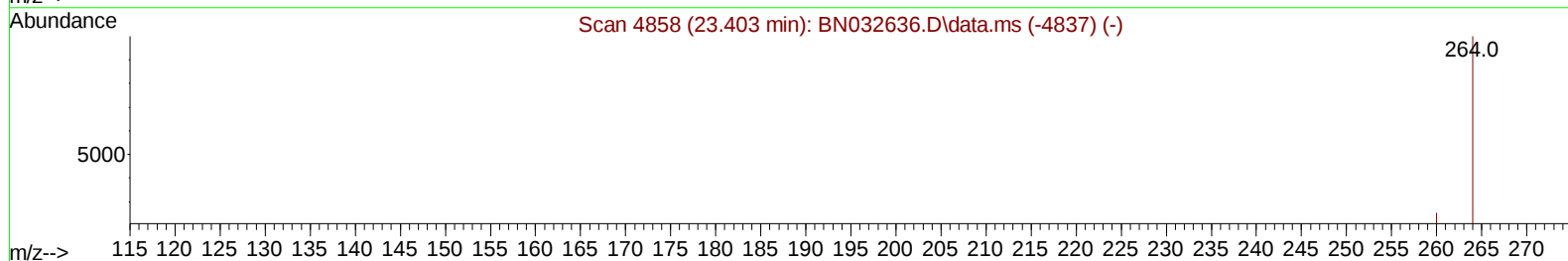
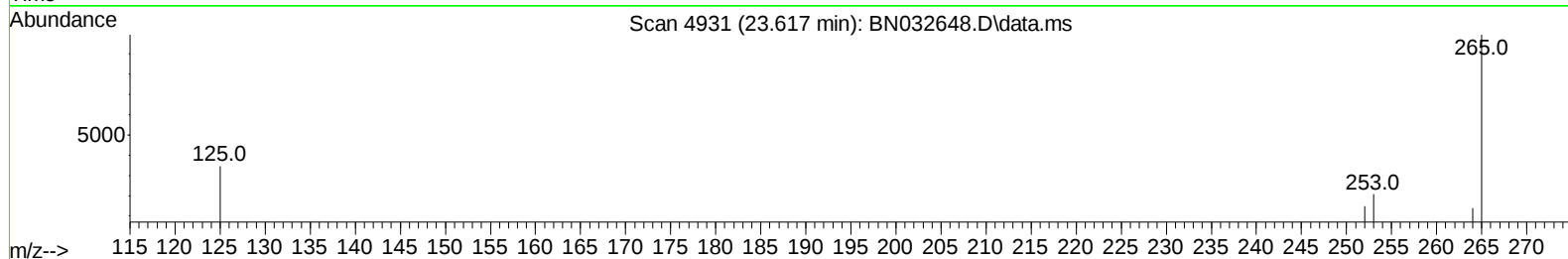
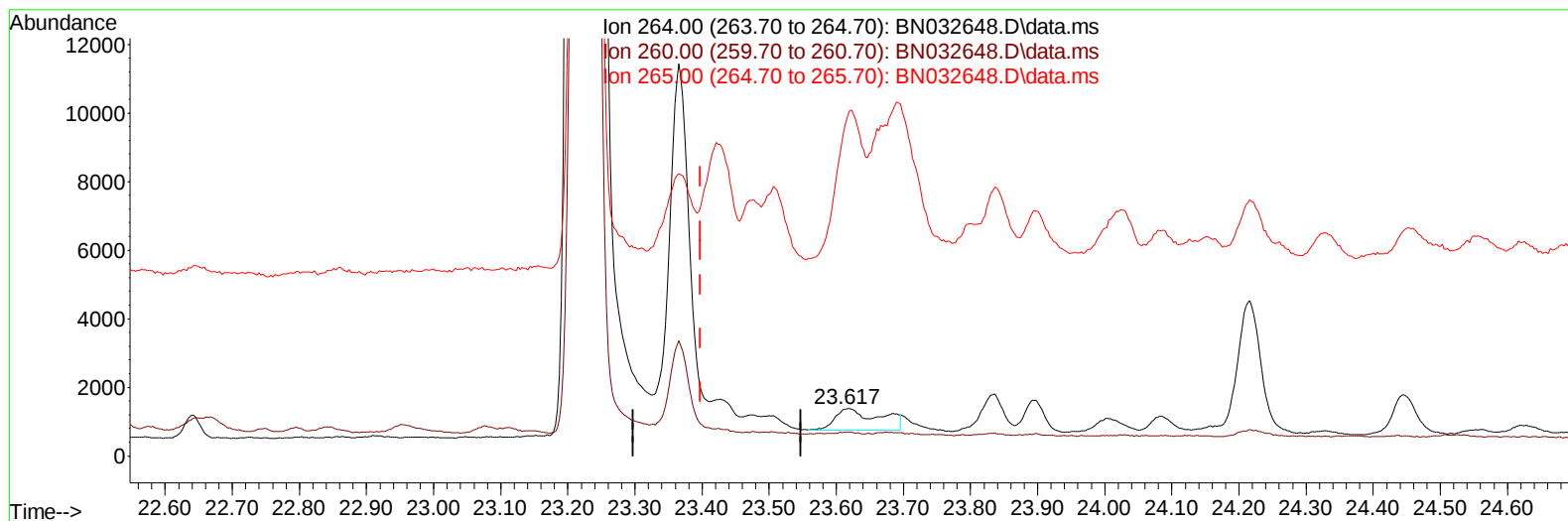
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(23) Perylene-d12 (I)

23.617min (+ 0.219) 0.40 ng/u1

response 2925

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	50.76#
265.00	95.50	717.43#
0.00	0.00	0.00

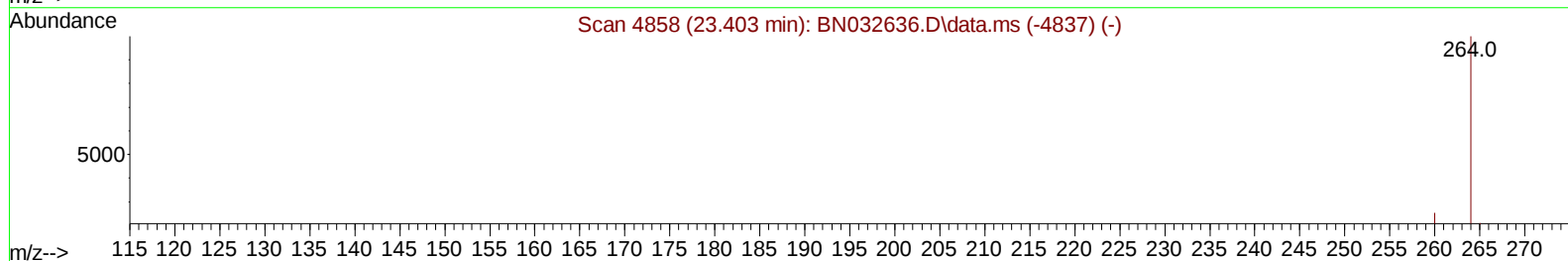
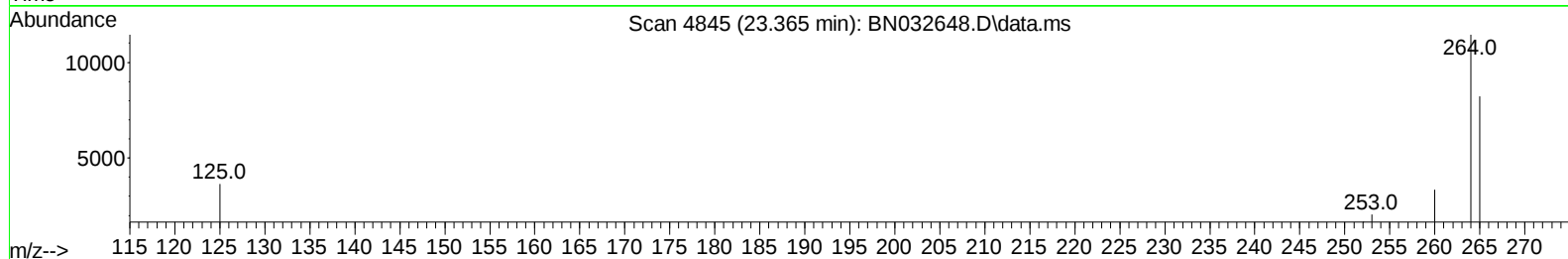
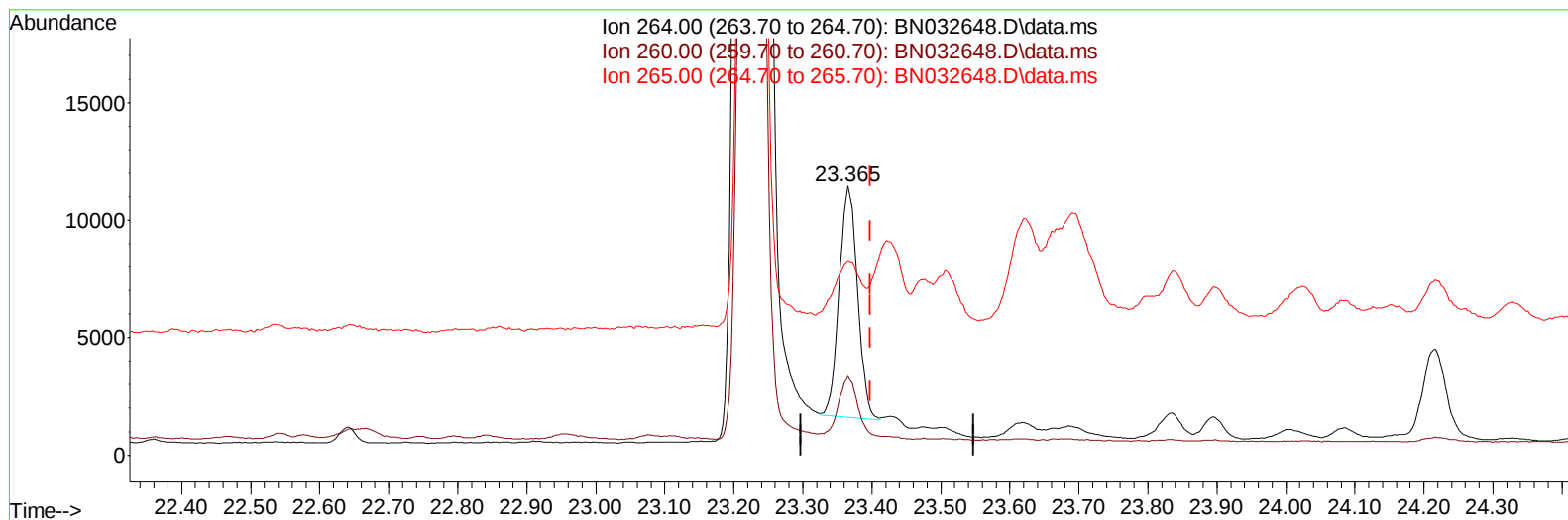
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.032) 0.40 ng/ul m

response 18116

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.31
265.00	95.50	71.99#
0.00	0.00	0.00

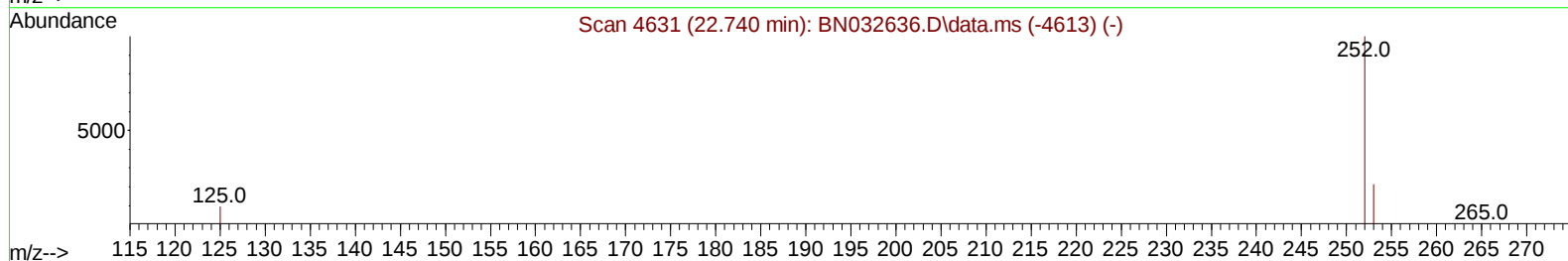
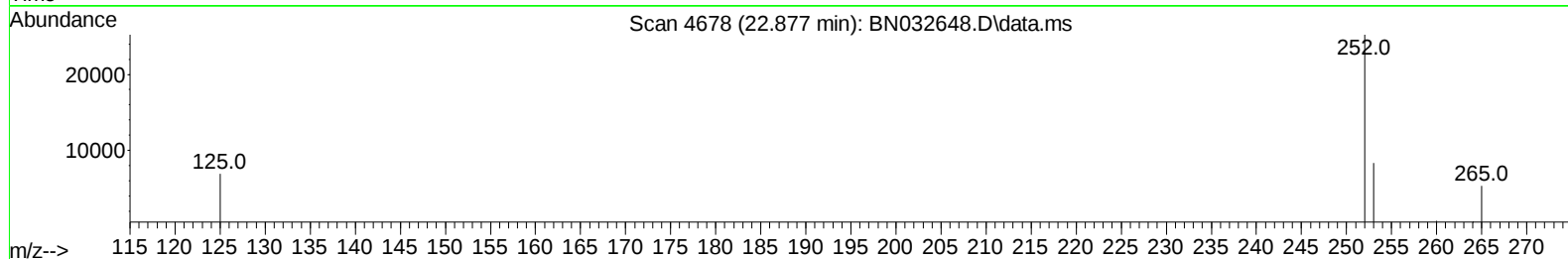
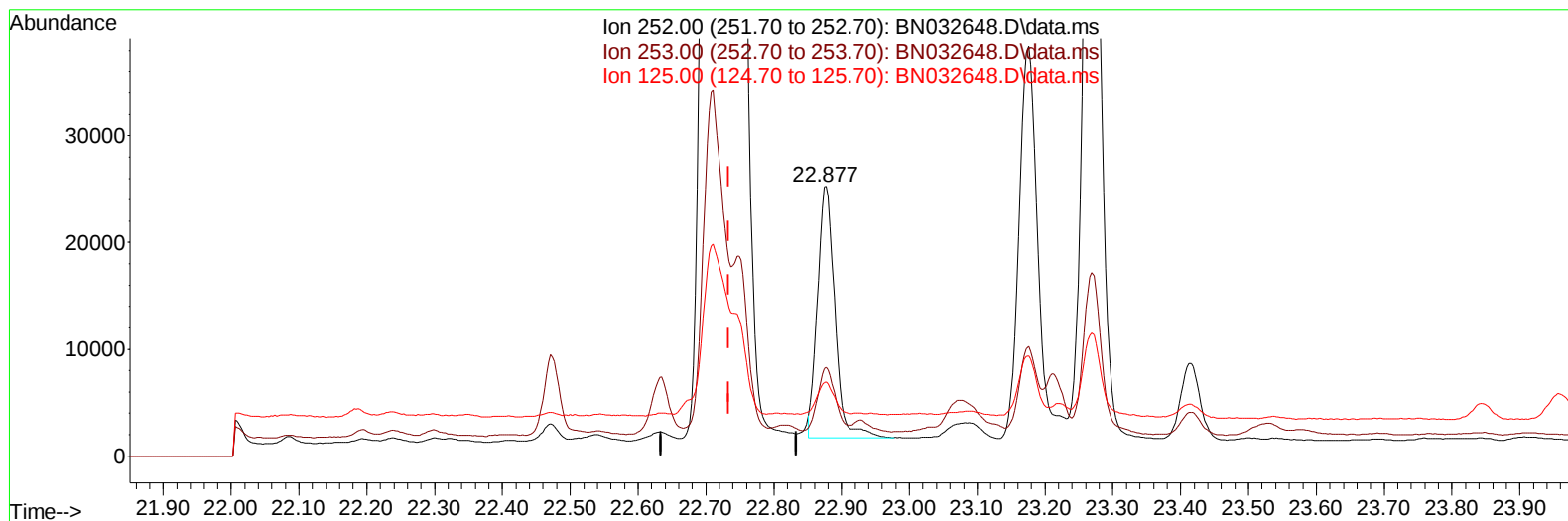
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(24) Benzo(b)fluoranthene

22.877min (+ 0.143) 0.66 ng/u1

response 42174

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.89
125.00	18.00	27.44
0.00	0.00	0.00

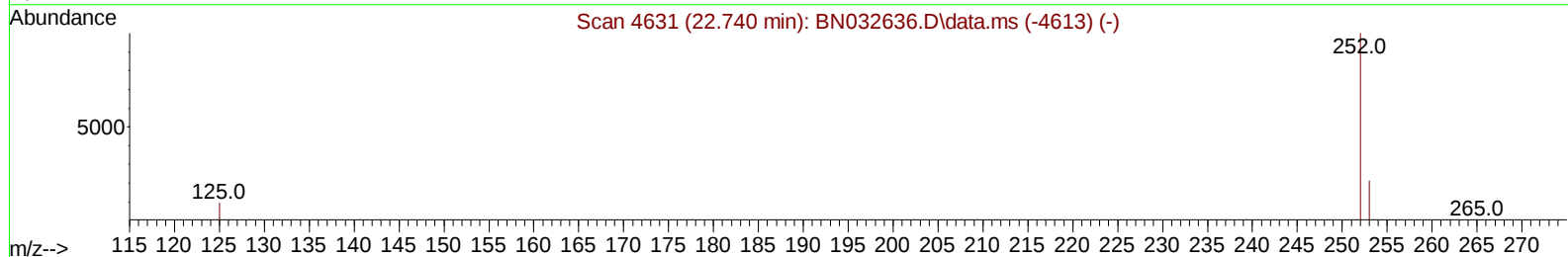
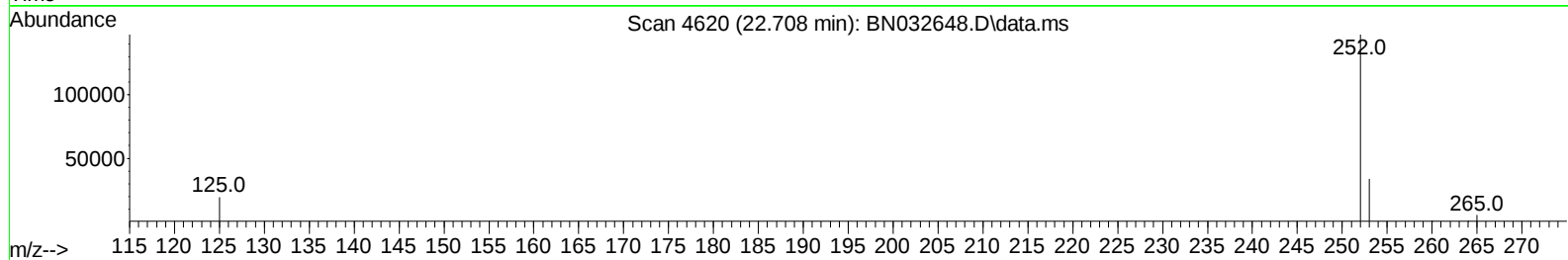
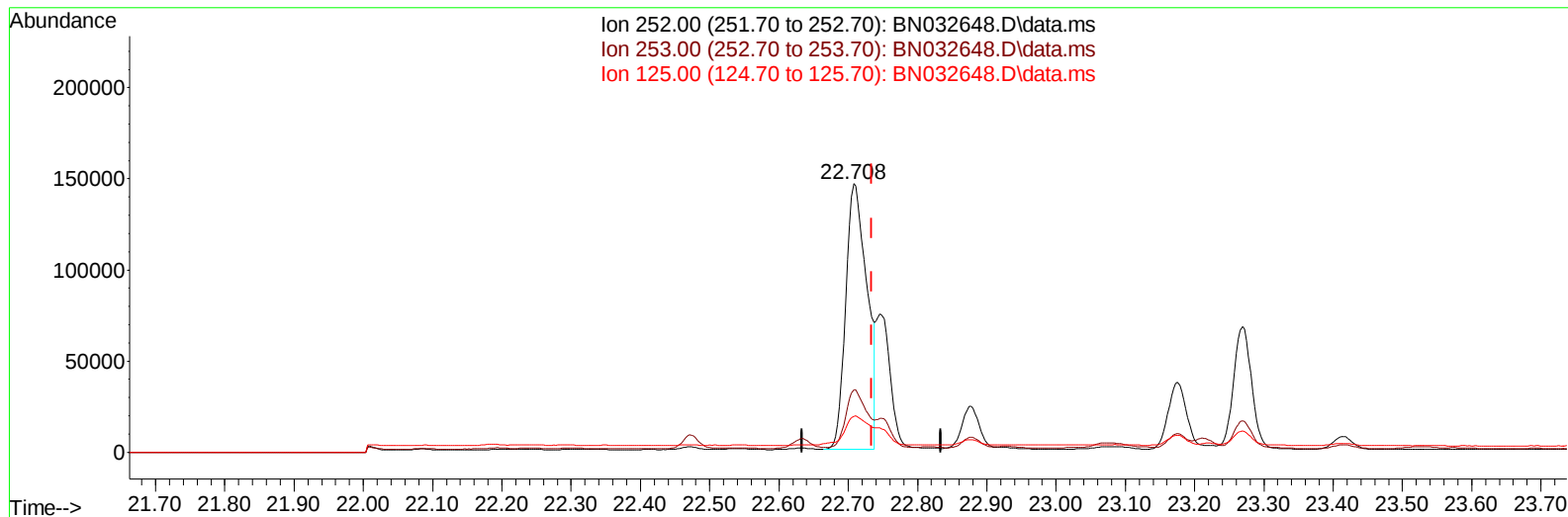
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(24) Benzo(b)fluoranthene

22.708min (-0.026) 4.84 ng/u1 m

response 309477

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.14
125.00	18.00	13.36
0.00	0.00	0.00

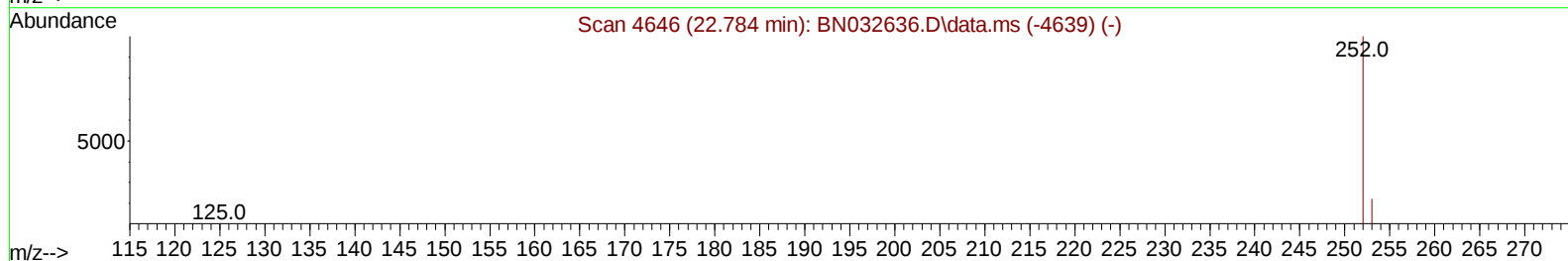
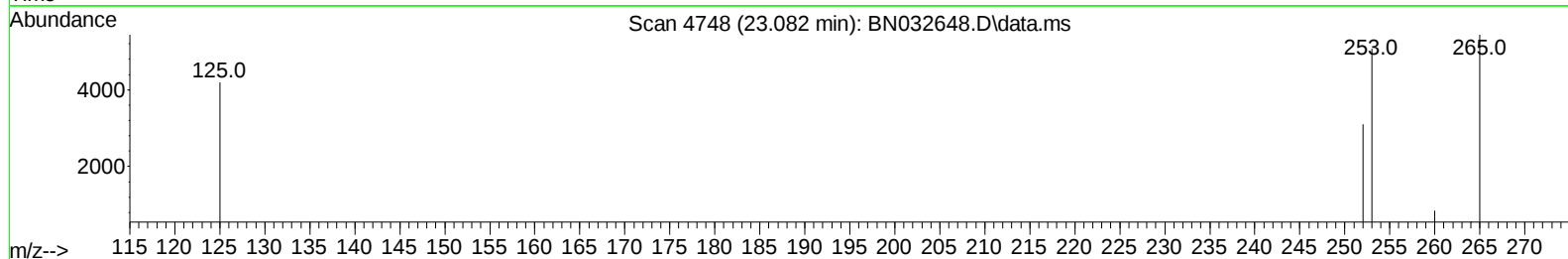
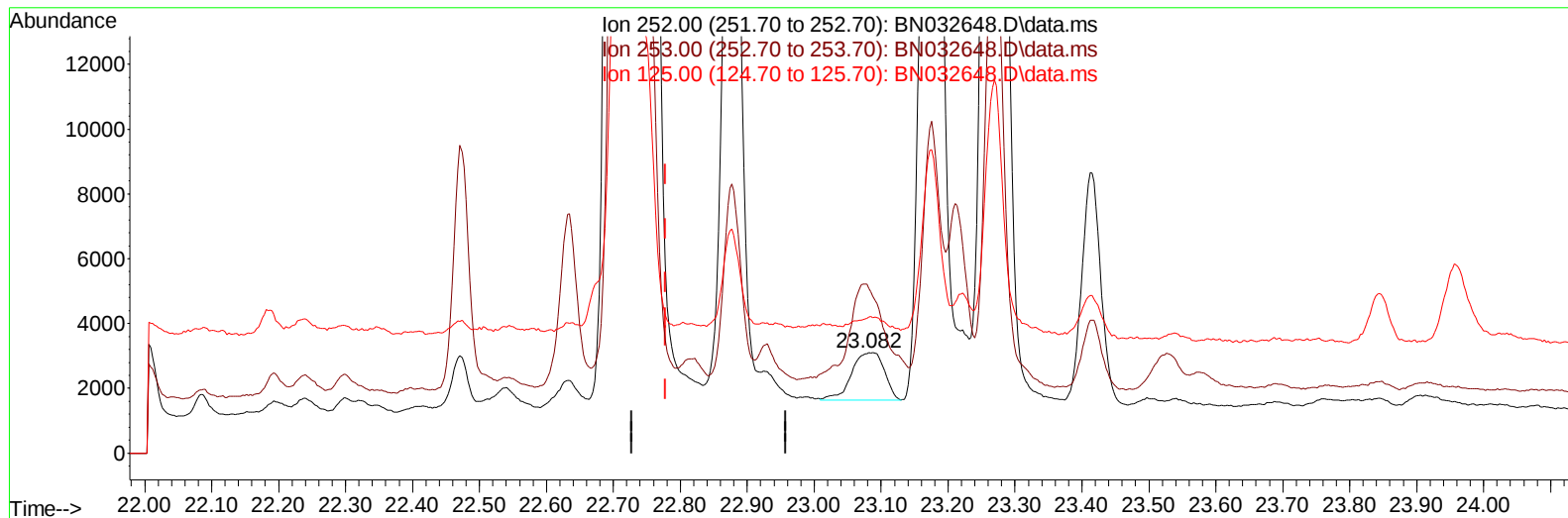
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(25) Benzo(k)fluoranthene

23.082min (+ 0.304) 0.06 ng/u1

response 4975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	163.32#
125.00	18.50	135.14#
0.00	0.00	0.00

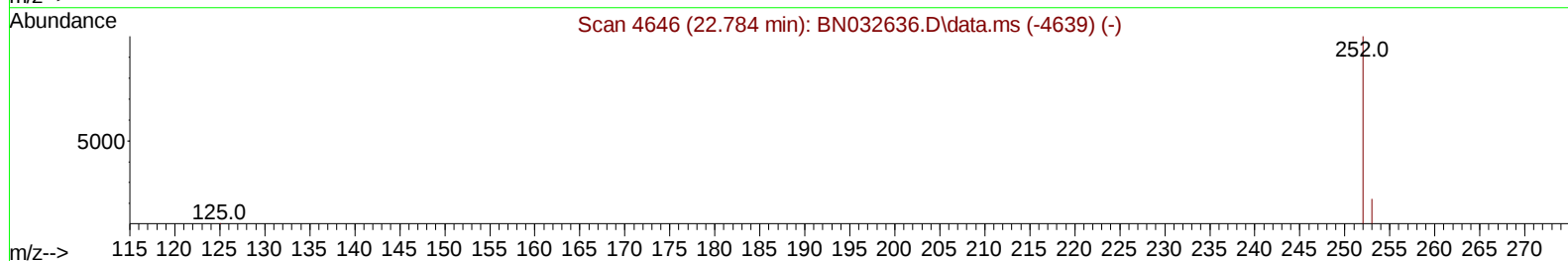
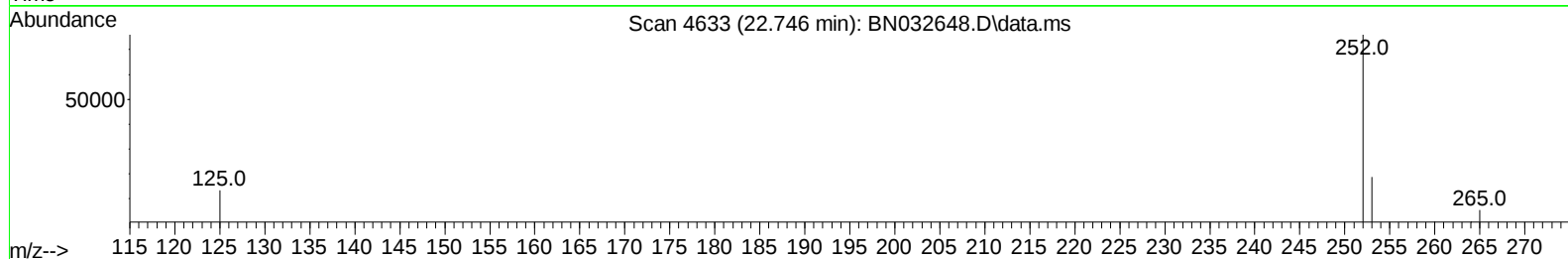
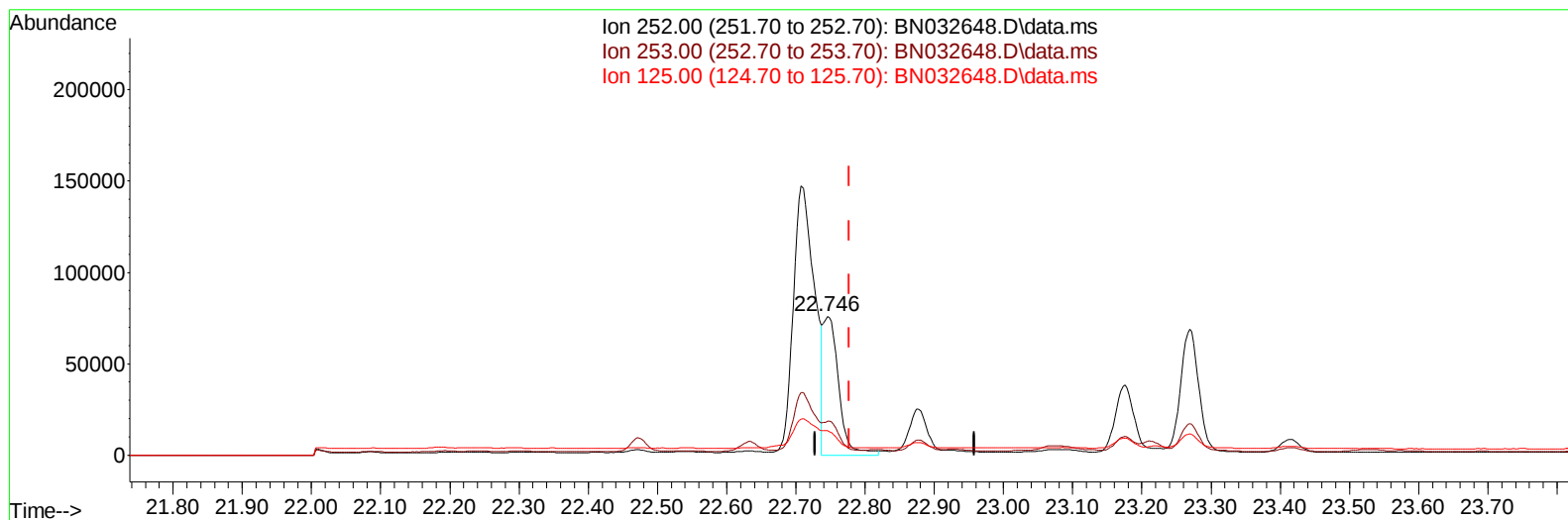
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032648.D\data.ms

(25) Benzo(k)fluoranthene

22.746min (-0.032) 1.52 ng/u1 m

response 118391

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.66
125.00	18.50	17.52
0.00	0.00	0.00

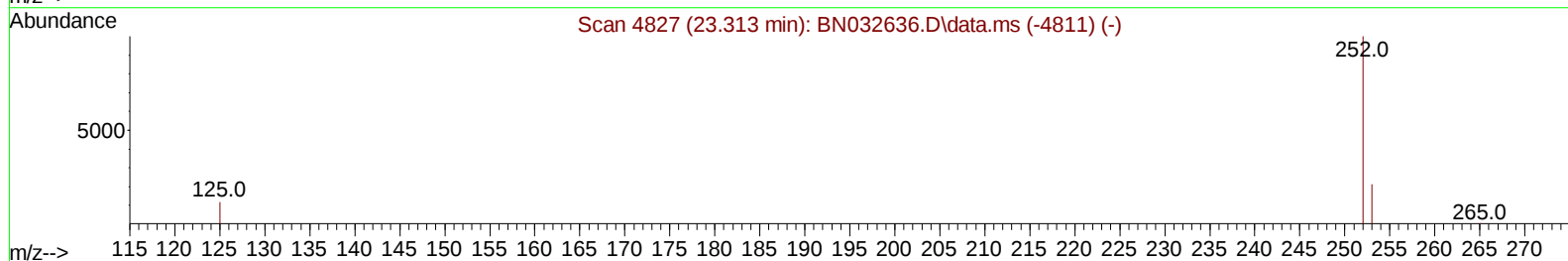
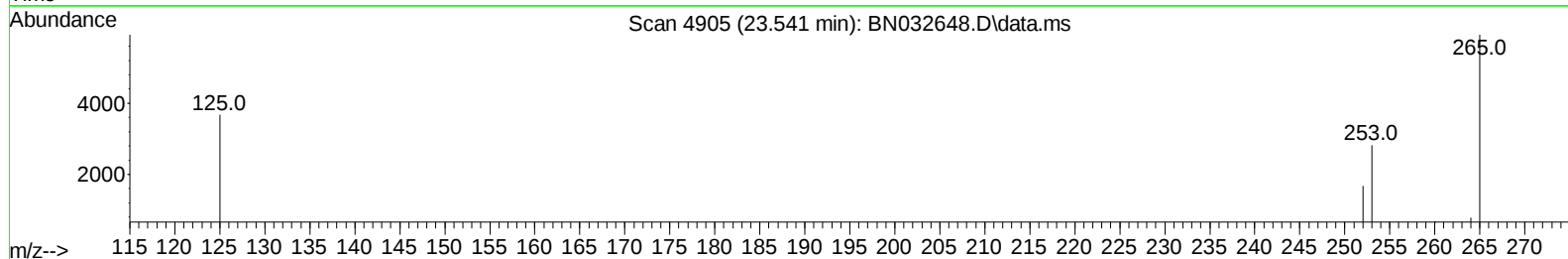
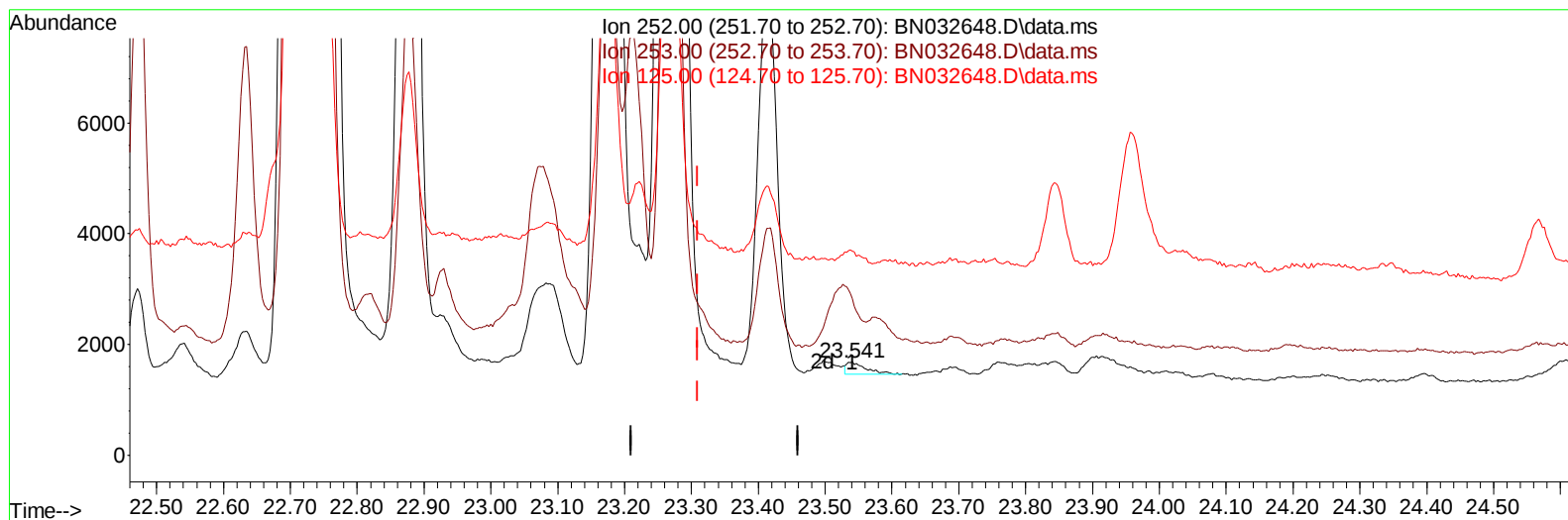
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(26) Benzo(a)pyrene (C)

23.541min (+ 0.231) 0.01 ng/u1

response 454

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	167.73#
125.00	25.70	218.51#
0.00	0.00	0.00

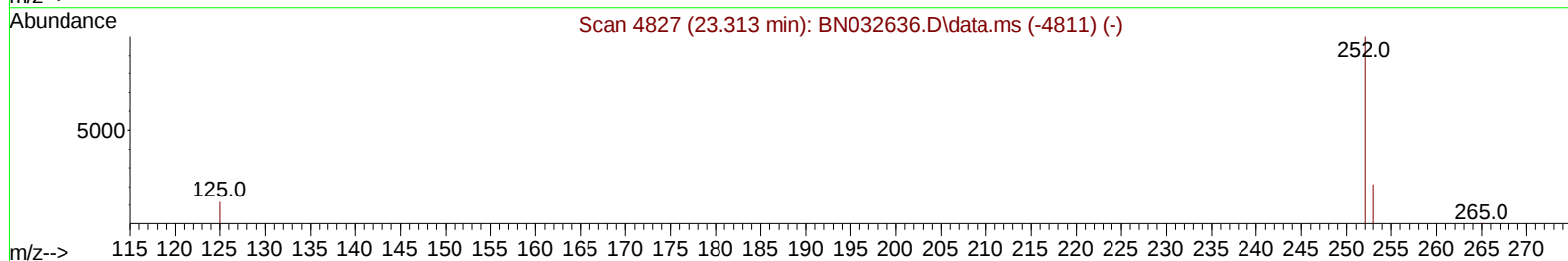
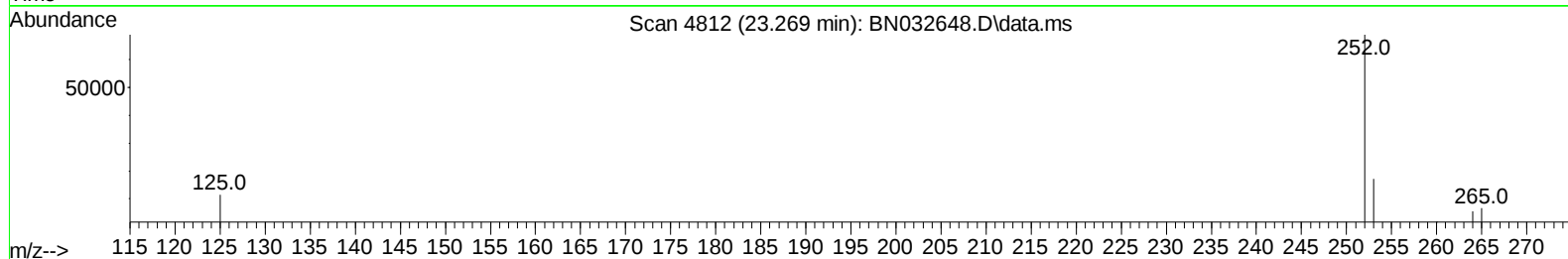
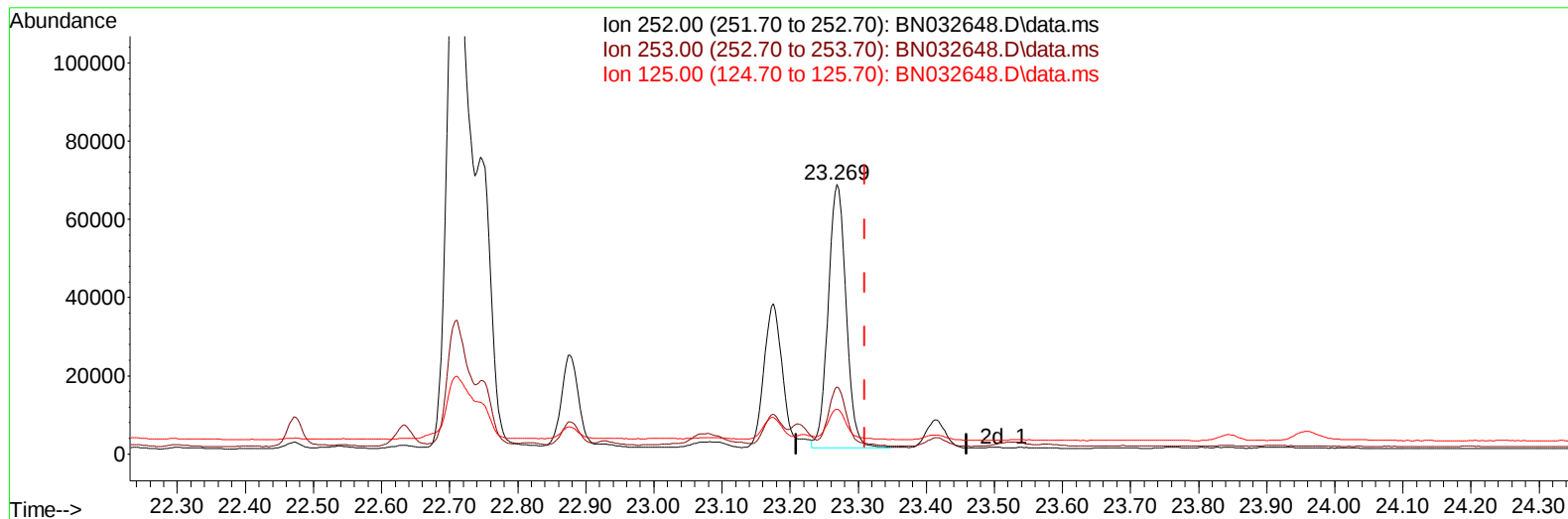
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

(26) Benzo(a)pyrene (C)

23.269min (-0.041) 2.22 ng/u1 m

response 123017

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.87#
125.00	25.70	16.72#
0.00	0.00	0.00

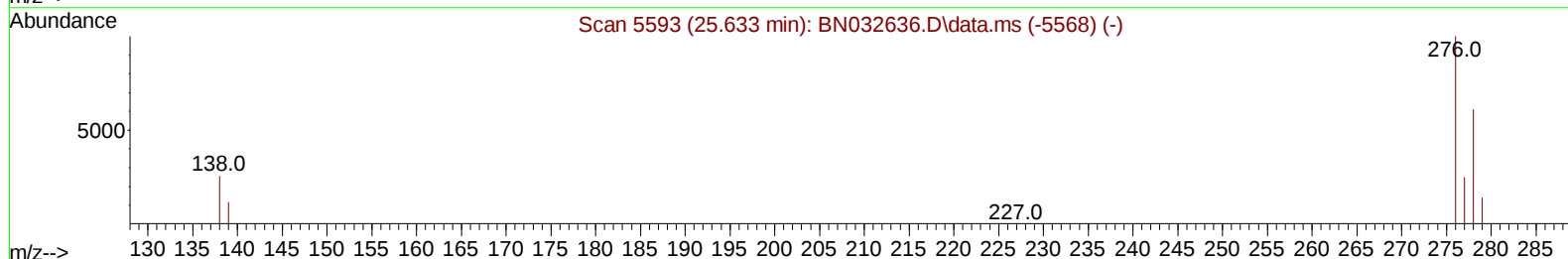
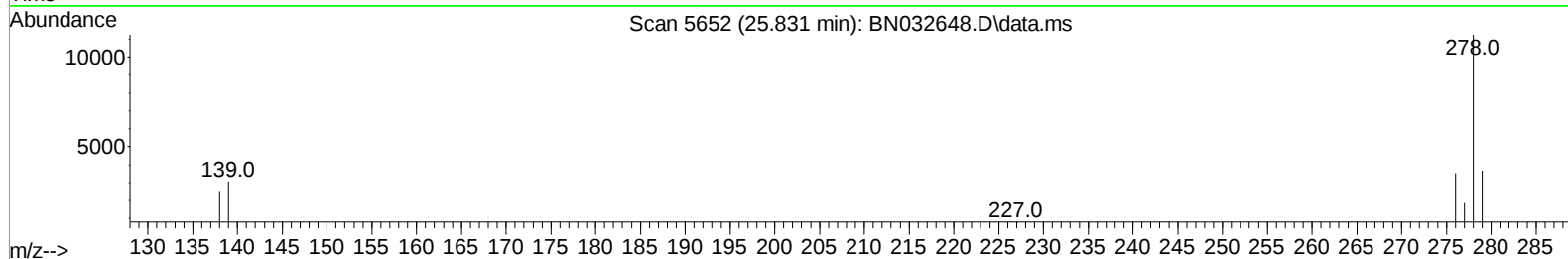
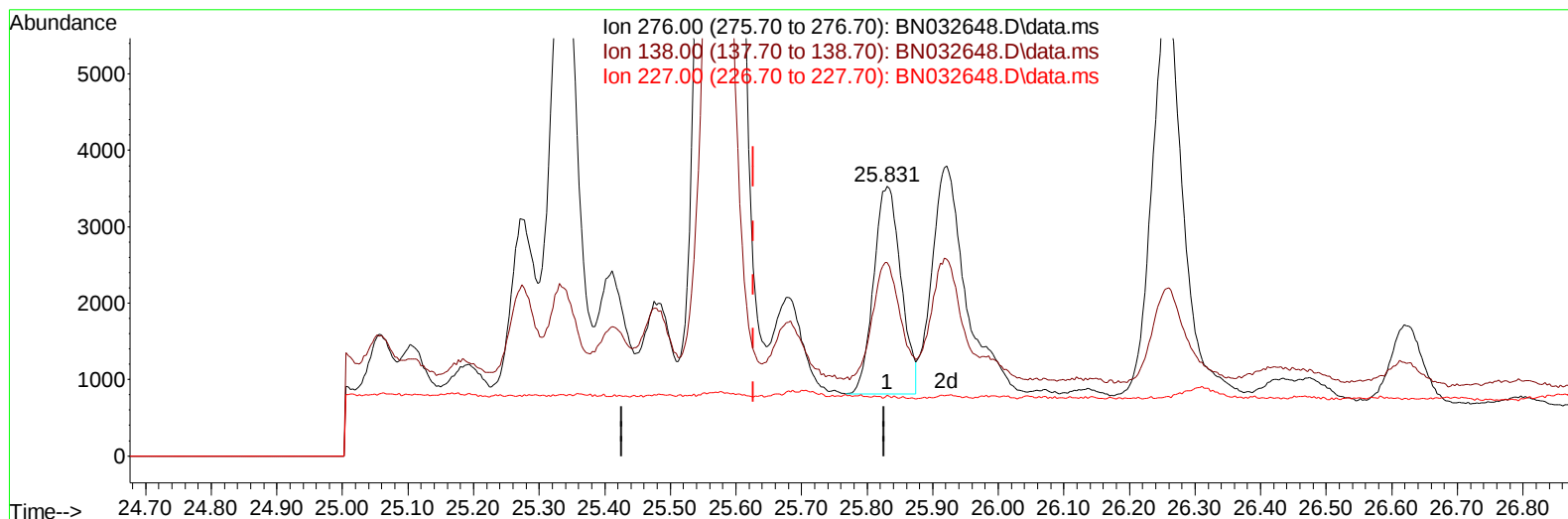
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032648.D\data.ms

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

25.831min (+ 0.205) 0.10 ng/u1

response 7854

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	58.12#
227.00	0.00	0.19#
0.00	0.00	0.00

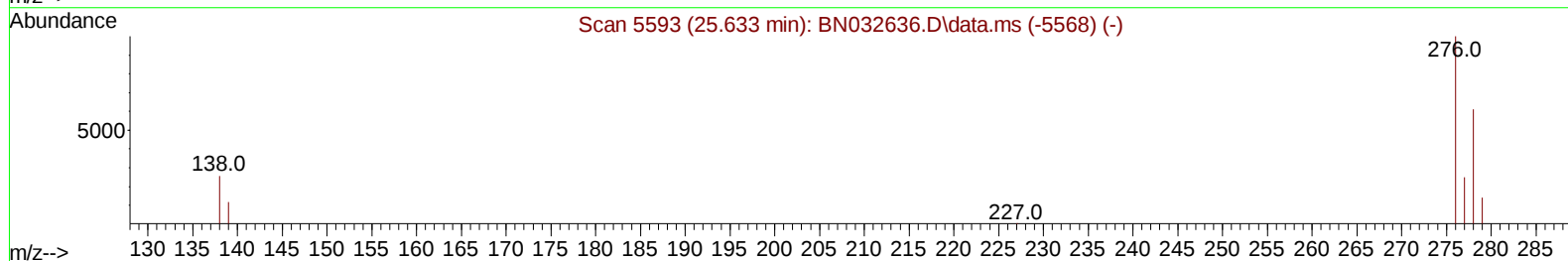
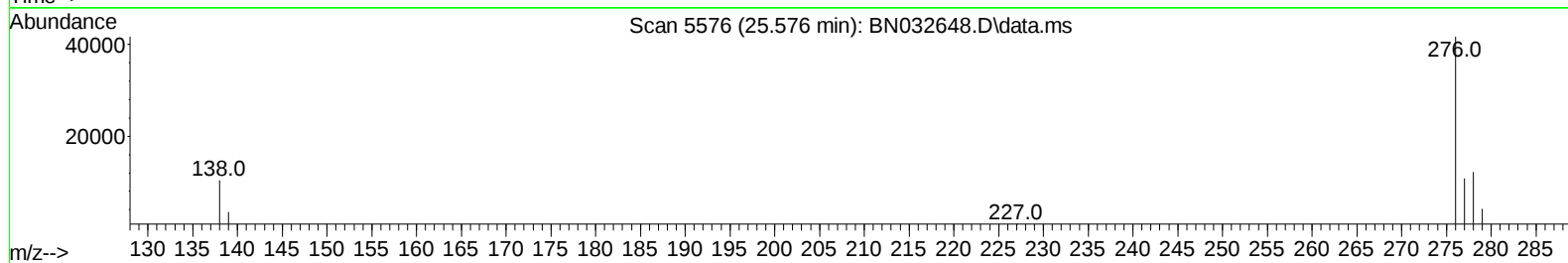
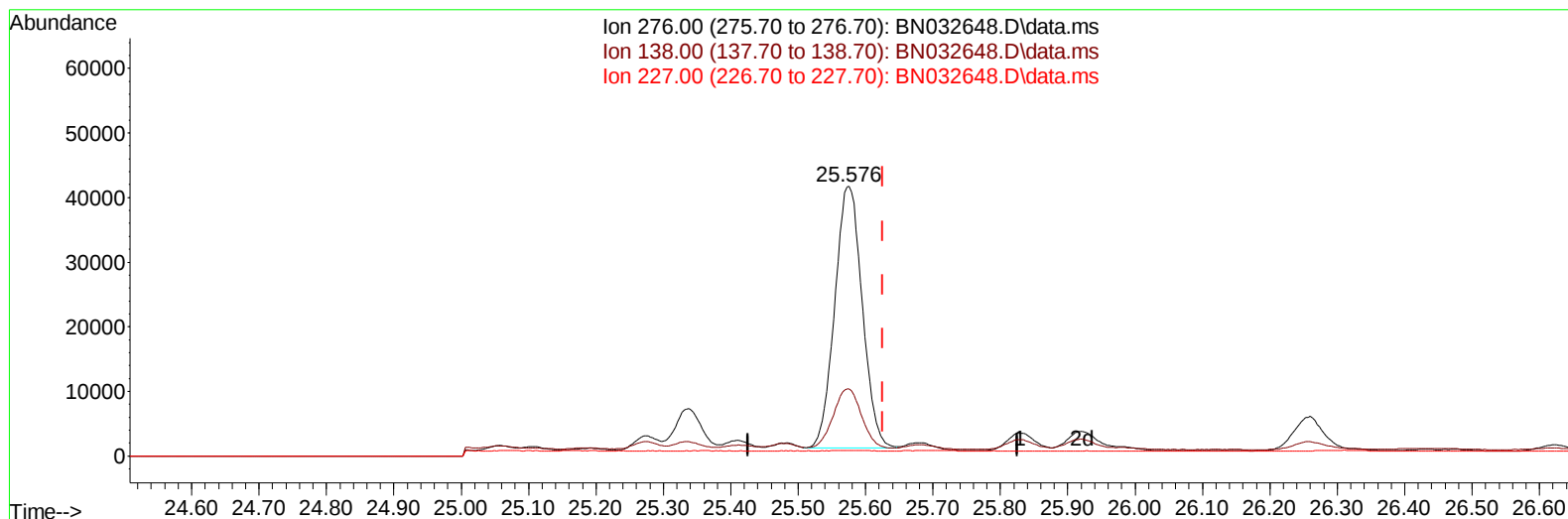
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

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TIC: BN032648.D\data.ms

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

25.576min (-0.050) 1.54 ng/ul m

response 115097

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.97#
227.00	0.00	0.01#
0.00	0.00	0.00

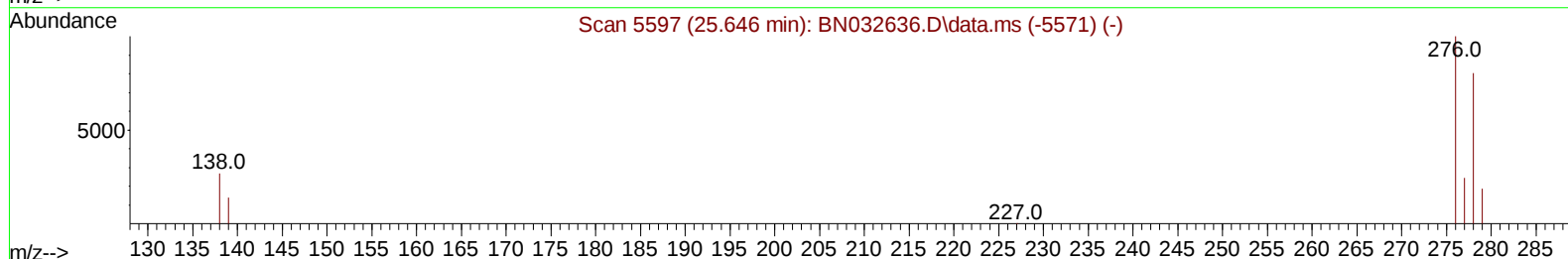
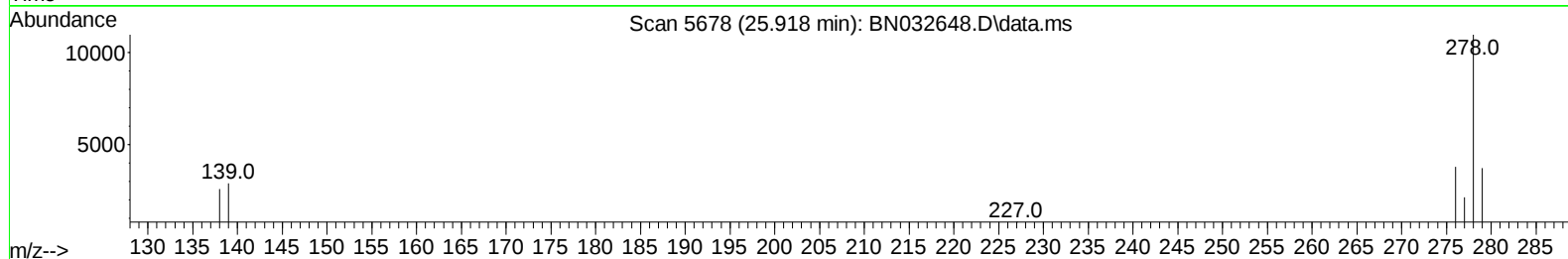
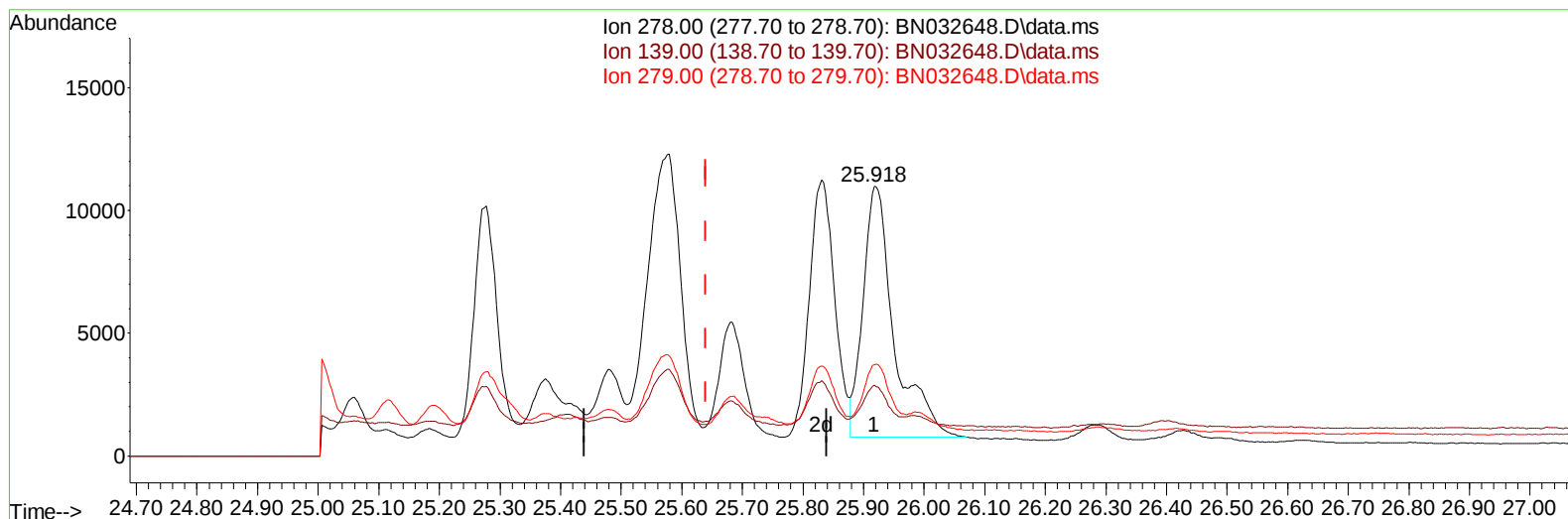
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

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TIC: BN032648.D\data.ms

(28) Dibenzo(a,h)anthracene

25.918min (+ 0.278) 0.63 ng/u1

response 36446

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	26.38#
279.00	29.60	33.95
0.00	0.00	0.00

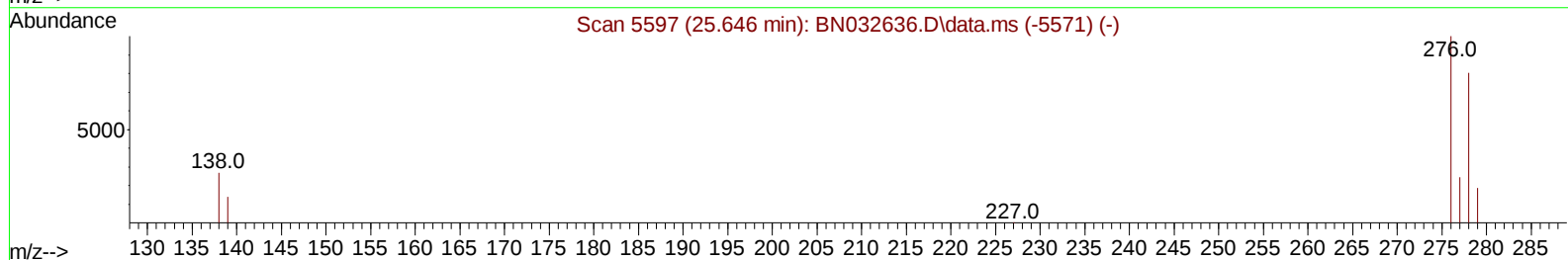
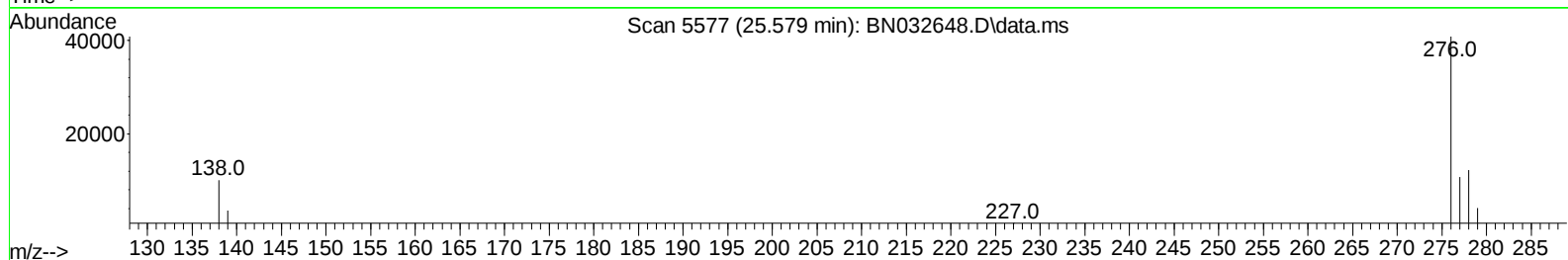
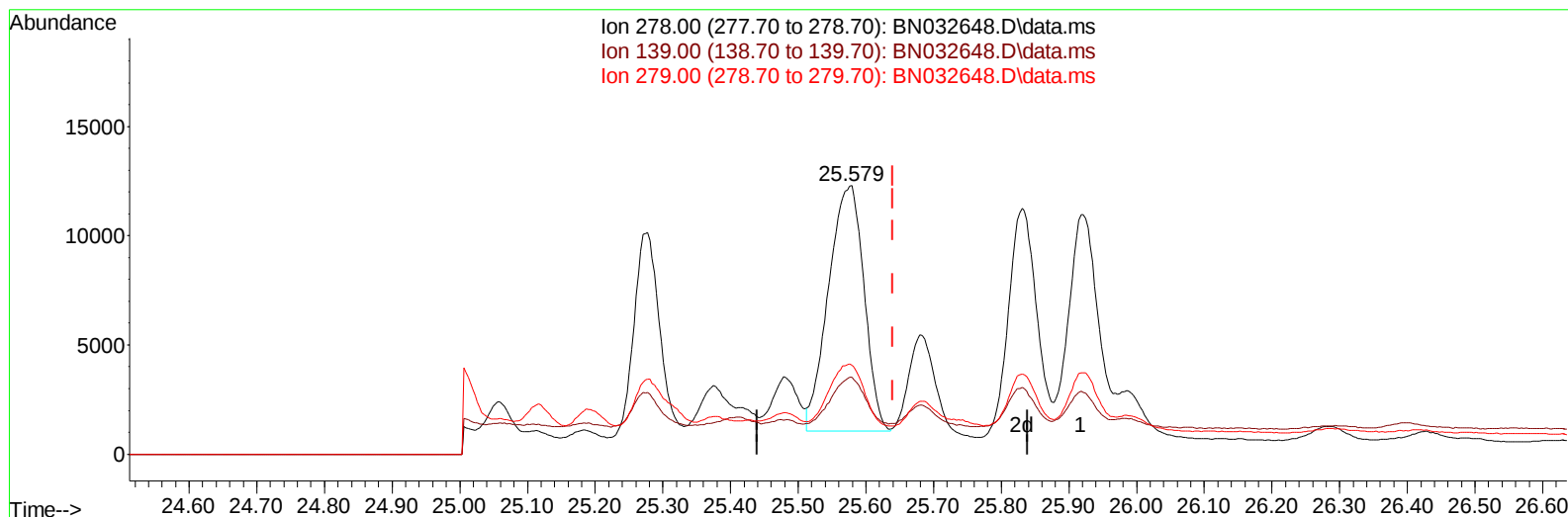
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

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TIC: BN032648.D\data.ms

(28) Dibenzo(a,h)anthracene

25.579min (-0.060) 0.71 ng/ul m

response 40956

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	28.73#
279.00	29.60	33.22
0.00	0.00	0.00

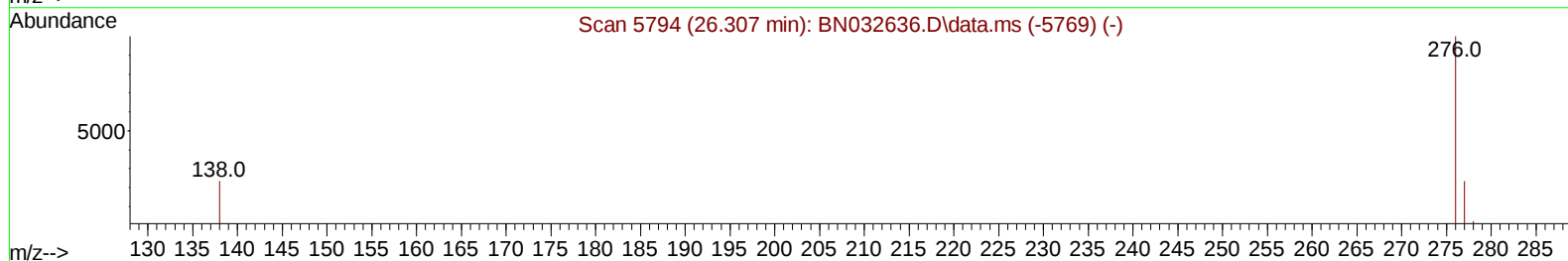
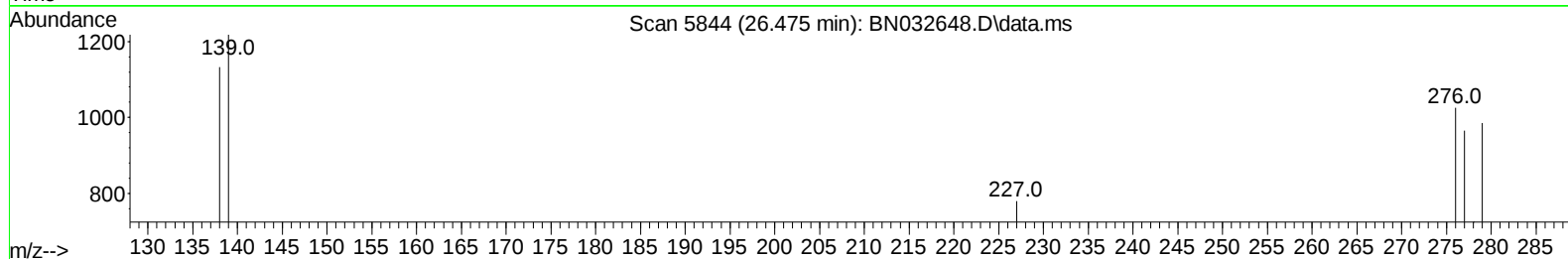
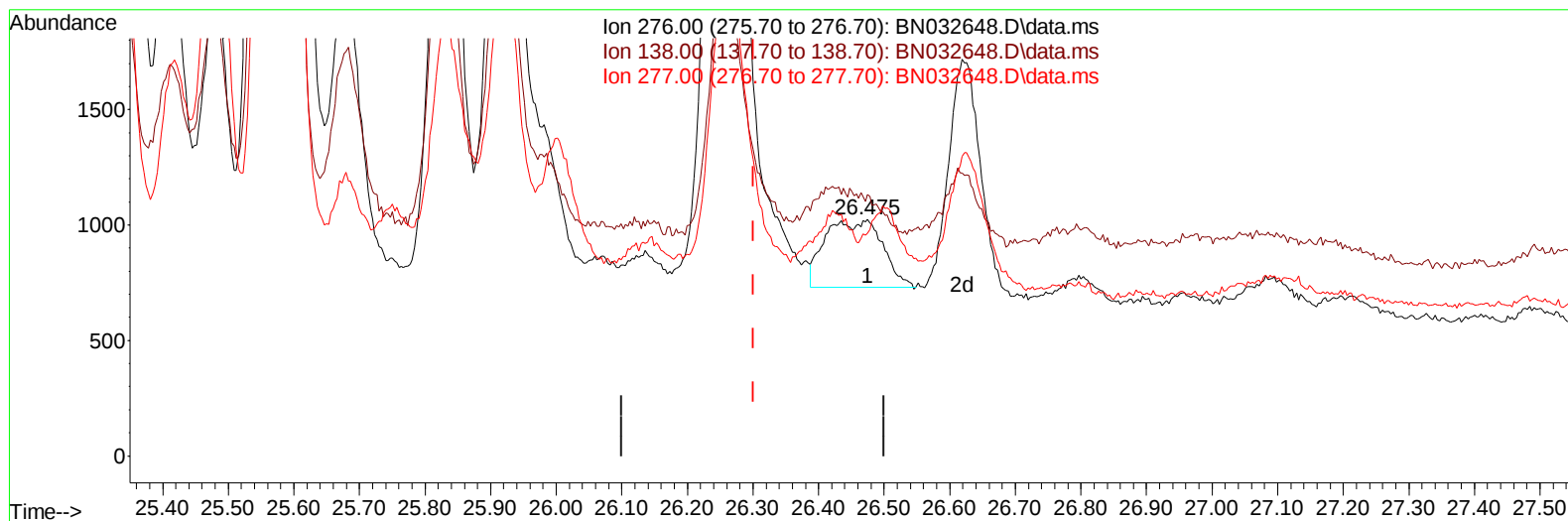
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW9

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:51 2024
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TIC: BN032648.D\data.ms

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

26.475min (+ 0.175) 0.03 ng/u1

response 1776

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	110.54#
277.00	25.80	94.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032648.D
 Acq On : 11 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3035-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
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Quant Time: Jul 12 01:56:51 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7983	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	25748	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	14237	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	25799m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	15992m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	18116m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	26999	2.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8583	0.221	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	12822m	0.246	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	14891	0.215	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	4431	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	3439	0.077	ng/ul	100
10) Acenaphthylene	13.925	152	16404	0.285	ng/ul	99
11) Acenaphthene	14.267	153	13558	0.285	ng/ul	99
12) Fluorene	15.262	166	14999	0.276	ng/ul	98
15) Phenanthrene	17.003	178	269356m	3.834	ng/ul	
16) Anthracene	17.096	178	49975m	0.871	ng/ul	
19) Fluoranthene	19.031	202	470115m	7.230	ng/ul	
20) Pyrene	19.399	202	338871m	5.035	ng/ul	
21) Benzo(a)anthracene	21.153	228	211686m	4.158	ng/ul	
22) Chrysene	21.206	228	236324m	3.209	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	309477m	4.842	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	118391m	1.520	ng/ul	
26) Benzo(a)pyrene	23.269	252	123017m	2.224	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	115097m	1.537	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	40956m	0.705	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	17411m	0.278	ng/ul	

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

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Misc :
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Instrument :
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