

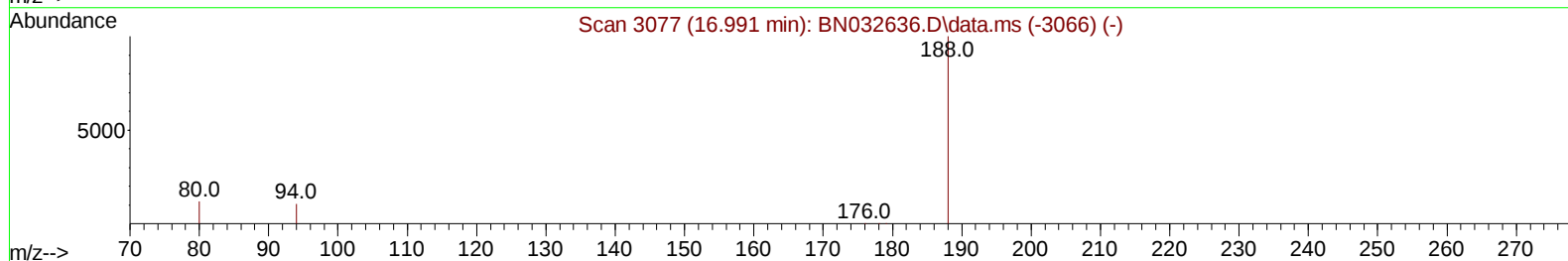
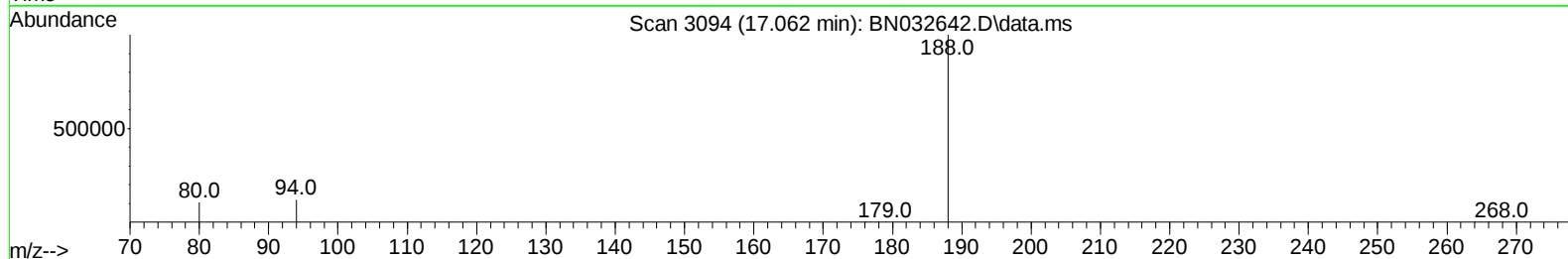
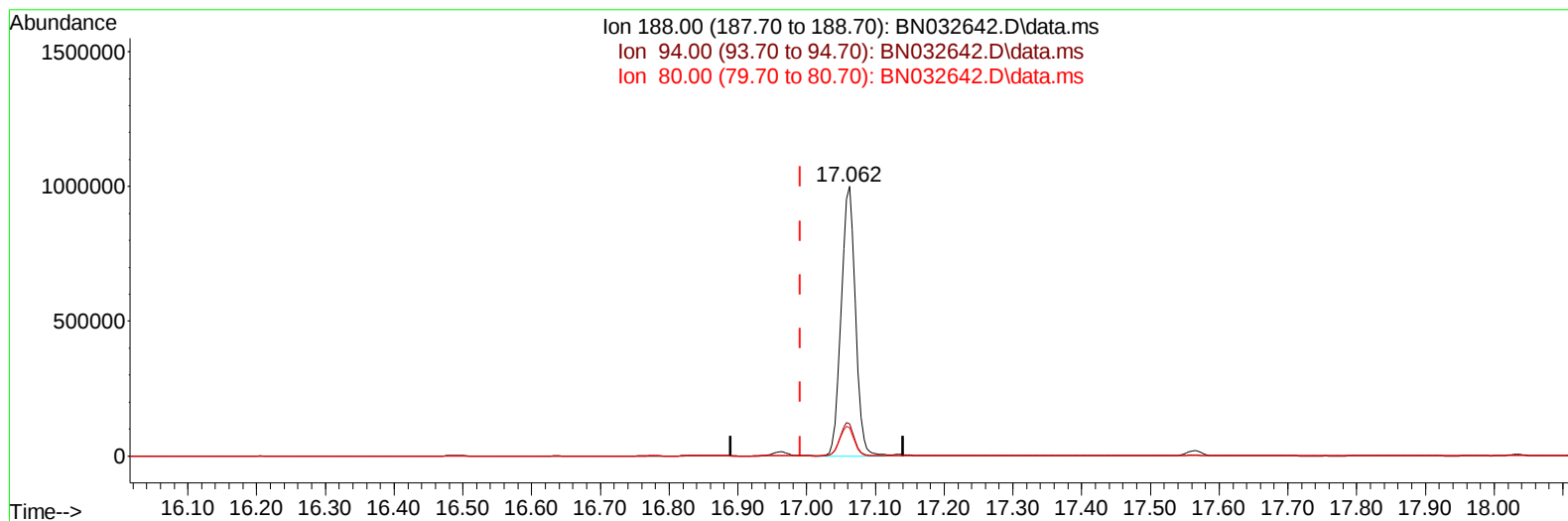
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 1440255

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.98
80.00	12.00	10.61
0.00	0.00	0.00

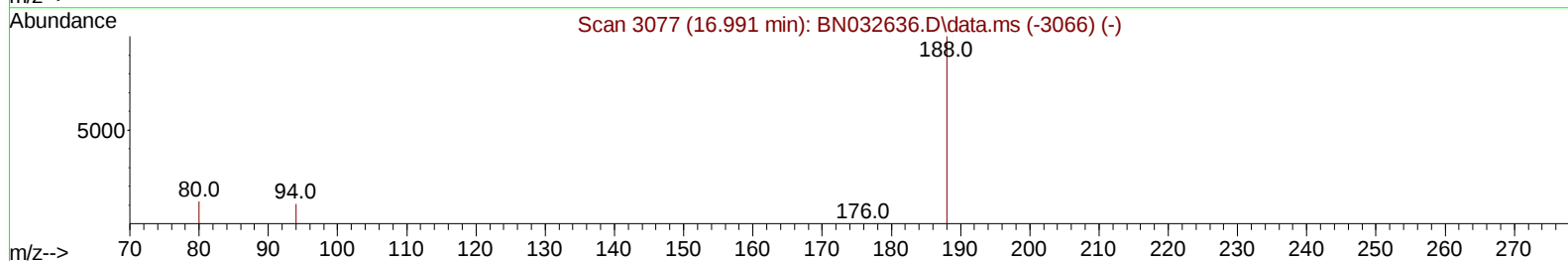
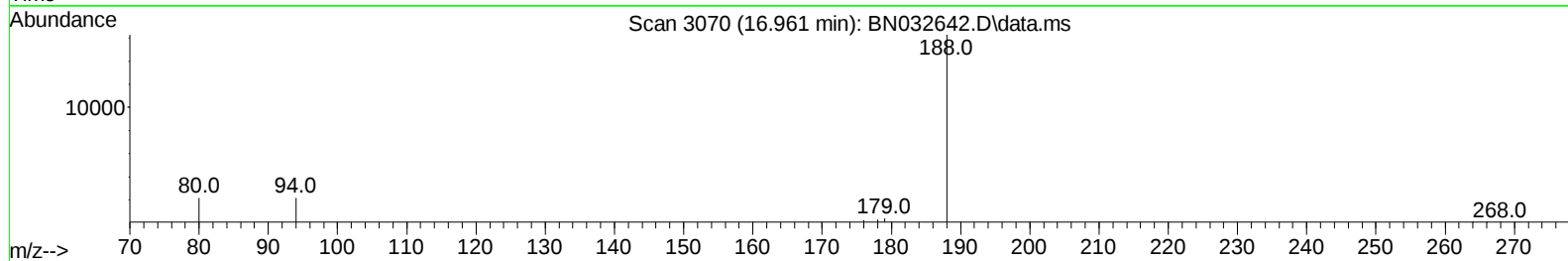
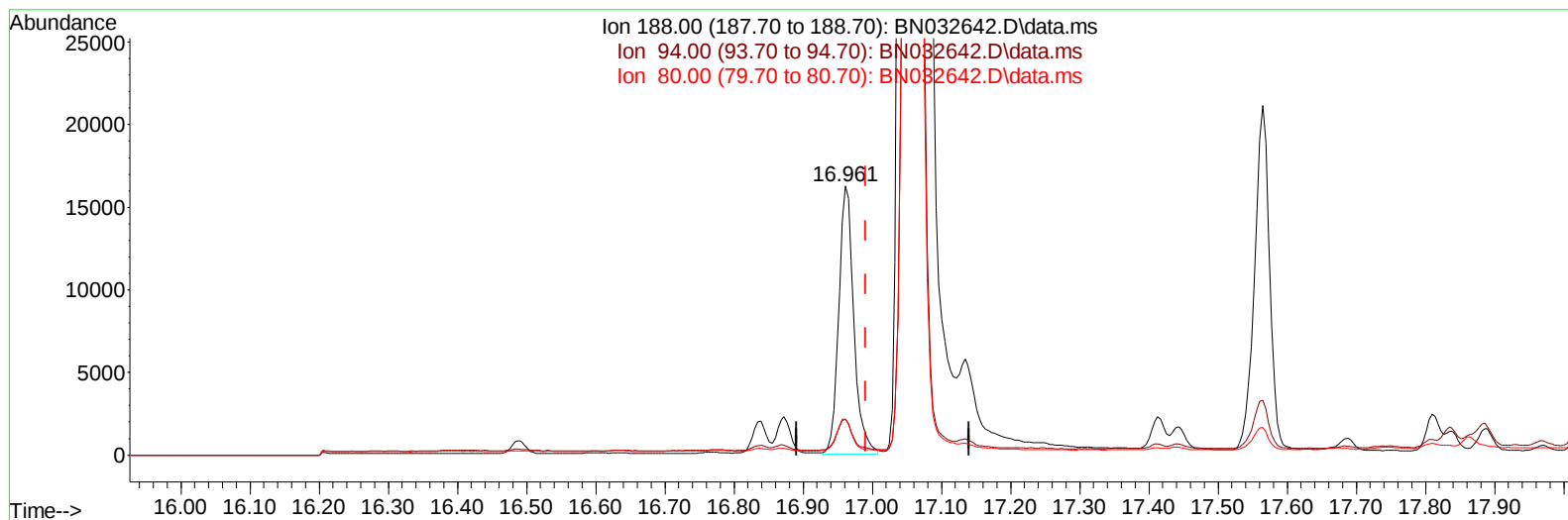
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 24420

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.32#
80.00	12.00	13.35
0.00	0.00	0.00

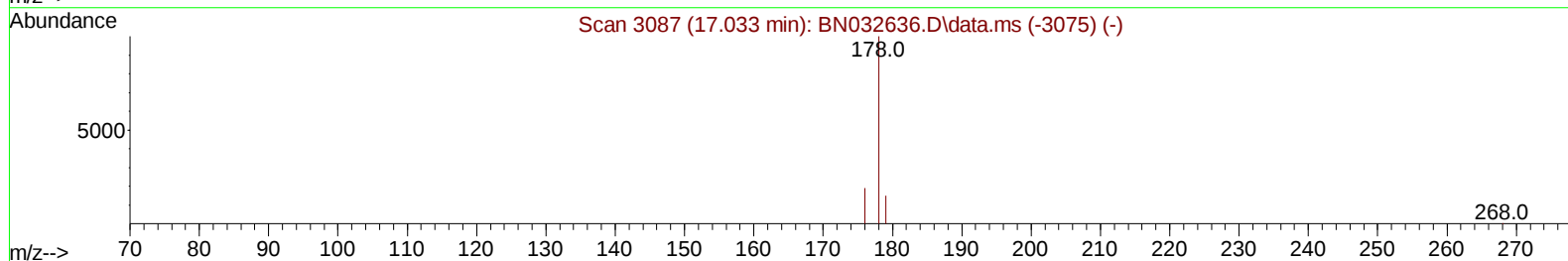
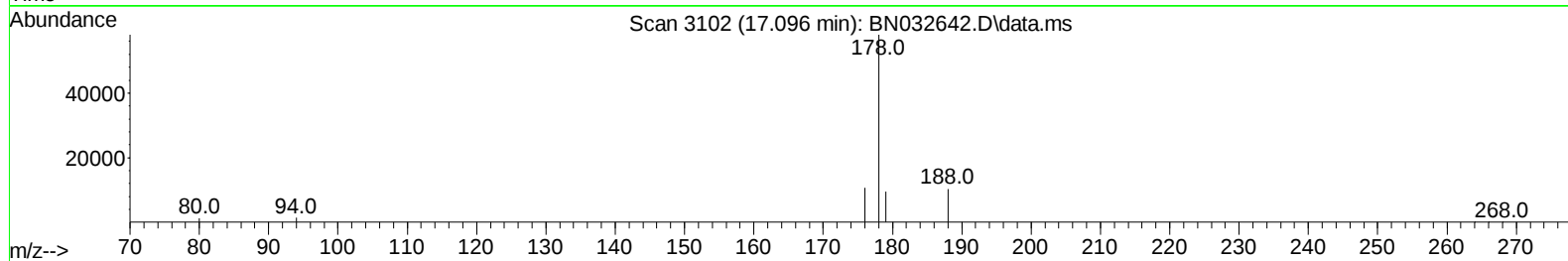
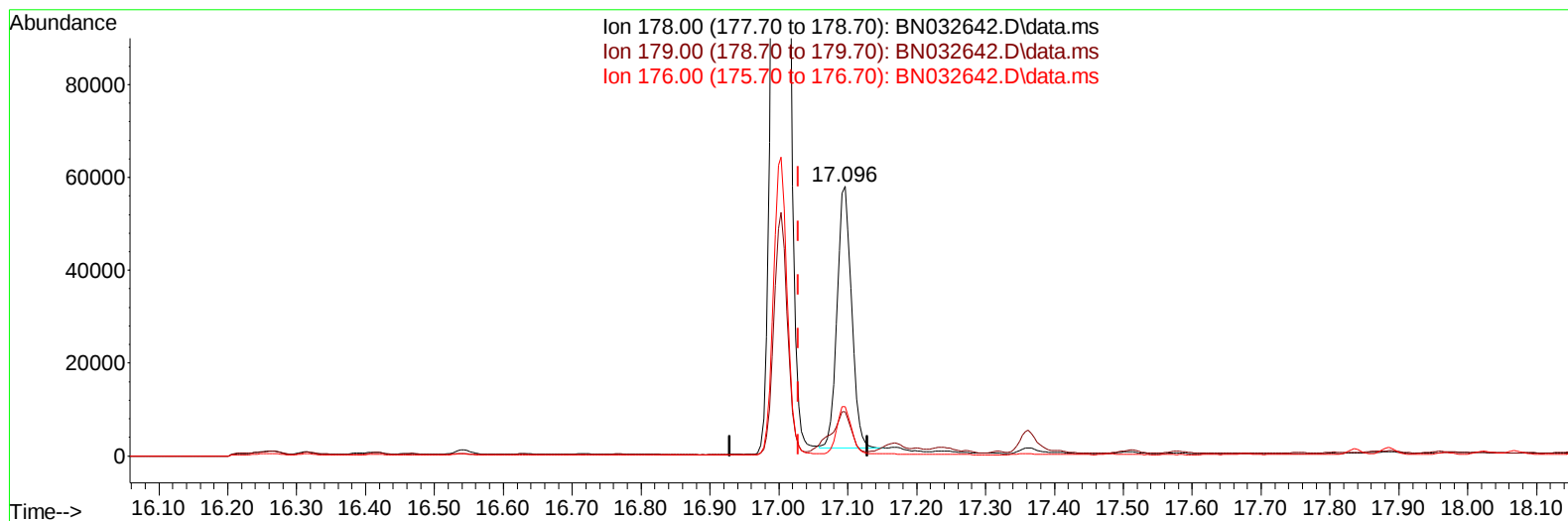
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(15) Phenanthrene

17.096min (+ 0.067) 1.24 ng/u1

response 82434

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.39
176.00	19.50	18.41
0.00	0.00	0.00

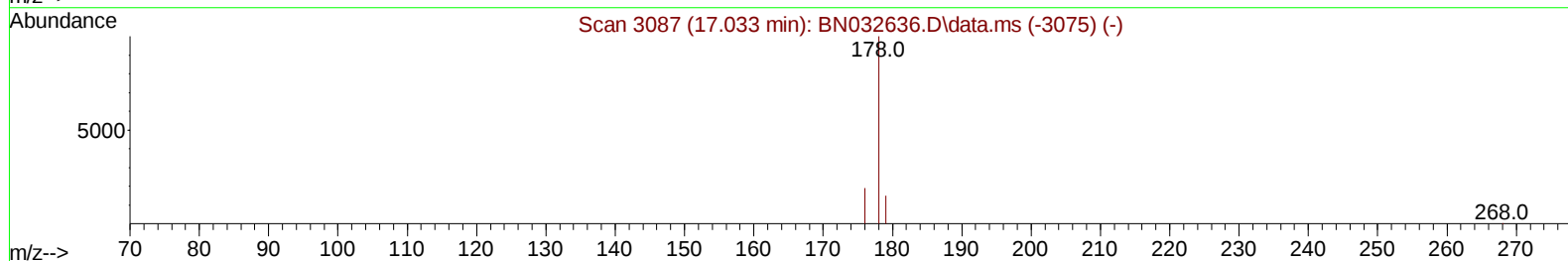
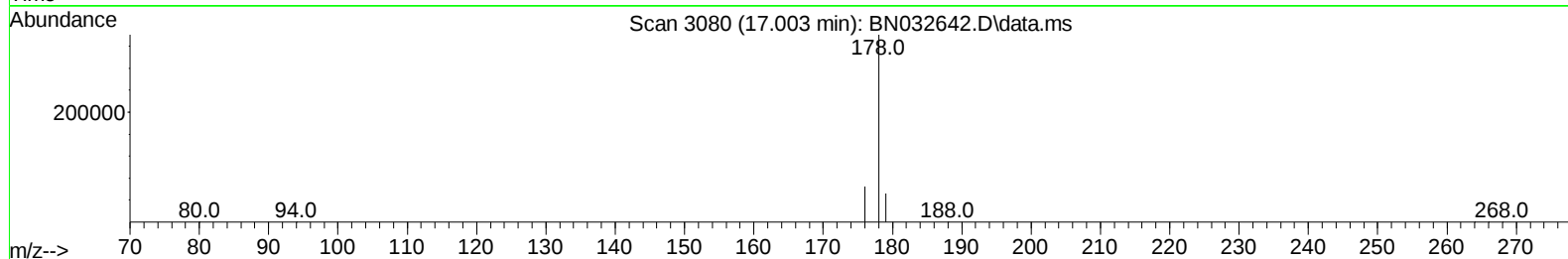
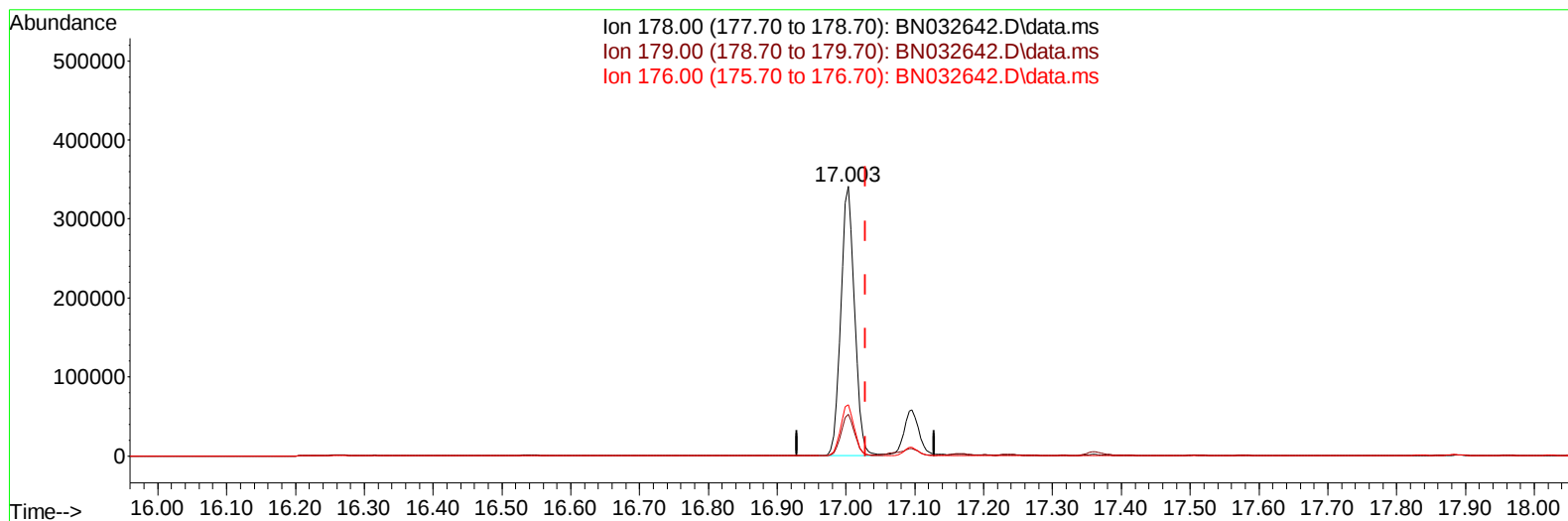
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 7.08 ng/ul m

response 470549

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.40
176.00	19.50	18.89
0.00	0.00	0.00

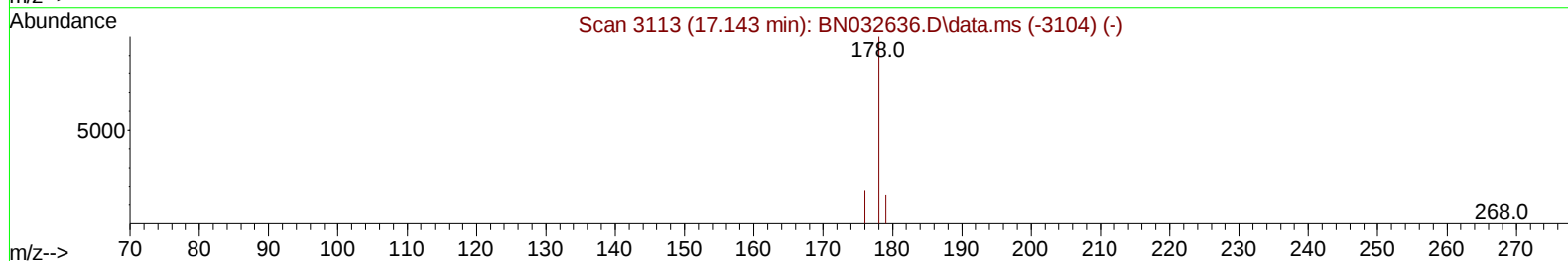
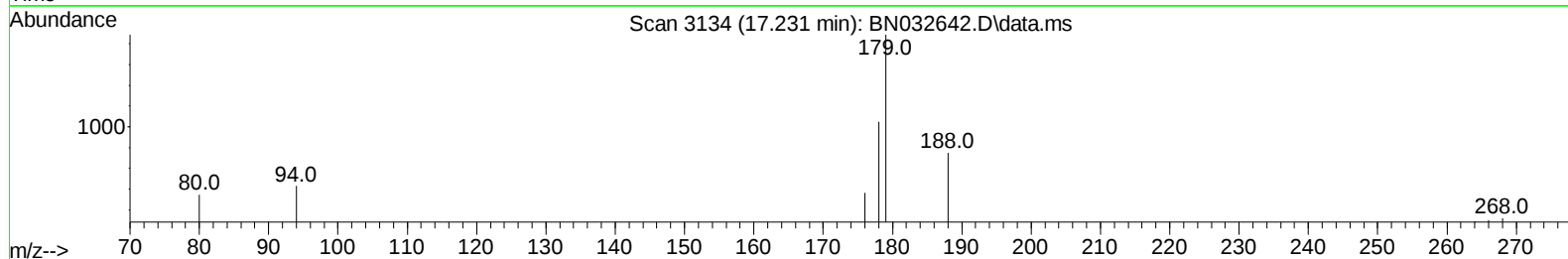
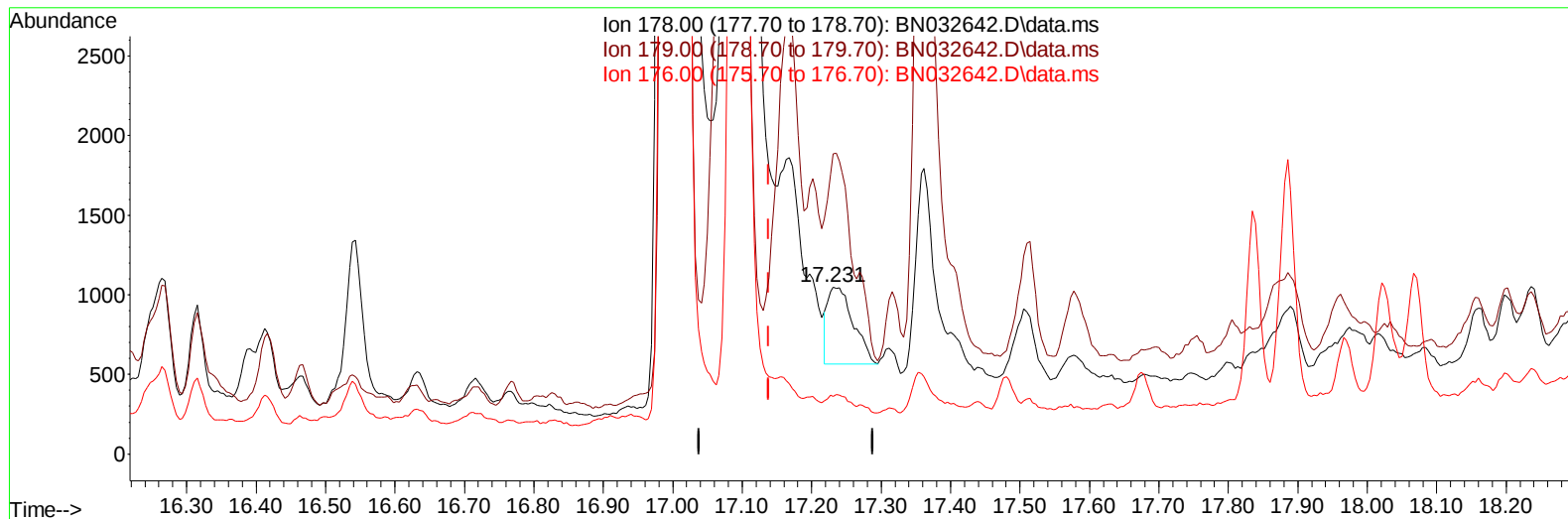
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(16) Anthracene

17.231min (+ 0.093) 0.02 ng/u1

response 1228

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	179.79#
176.00	19.20	34.60#
0.00	0.00	0.00

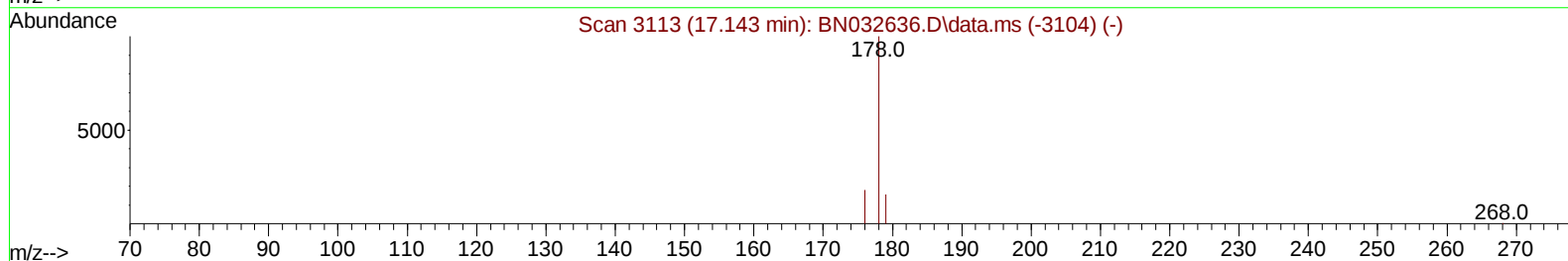
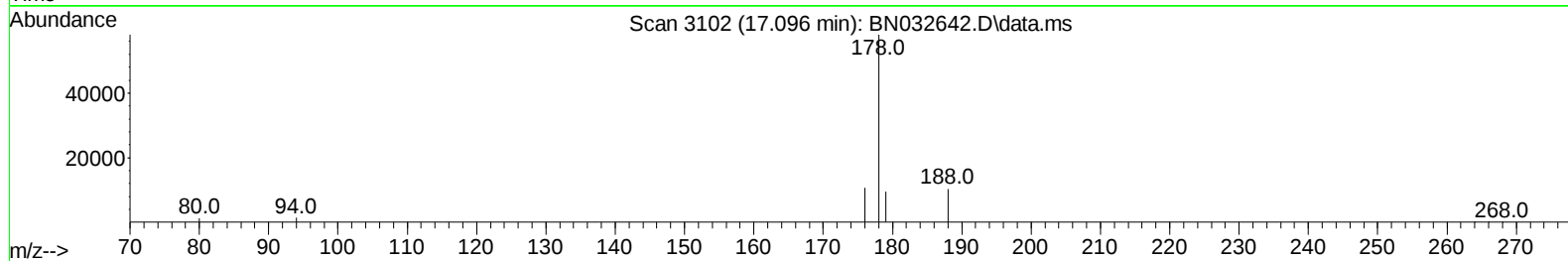
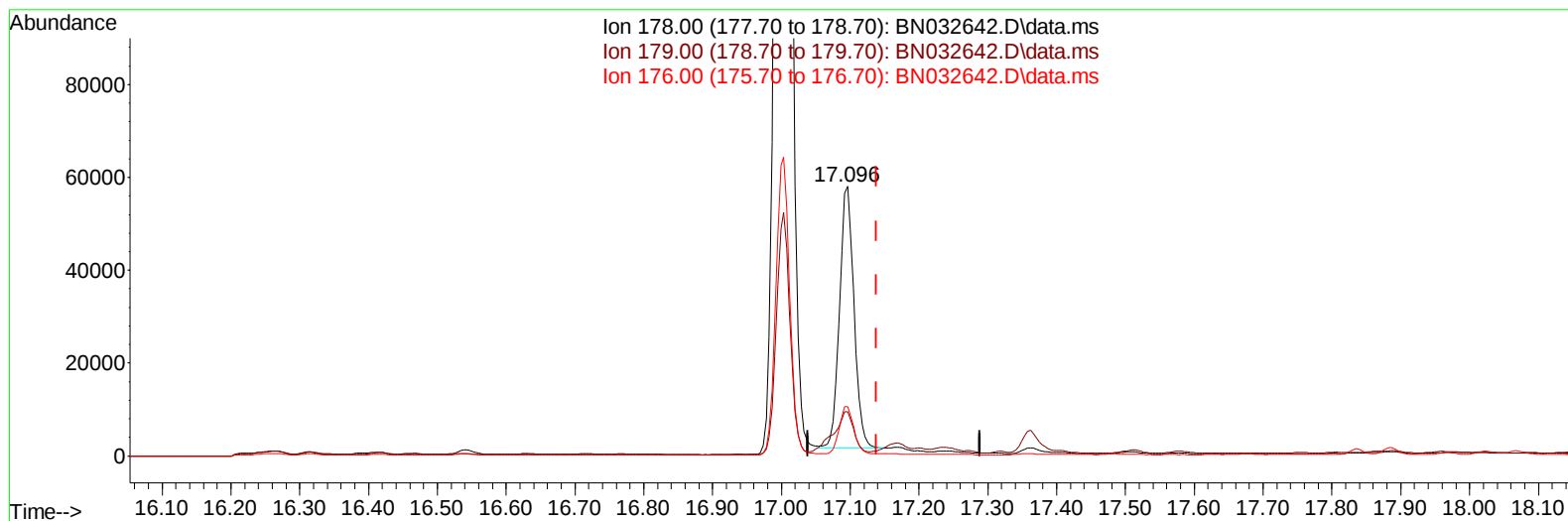
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(16) Anthracene

17.096min (-0.042) 1.52 ng/ul m

response 82671

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.39
176.00	19.20	18.41
0.00	0.00	0.00

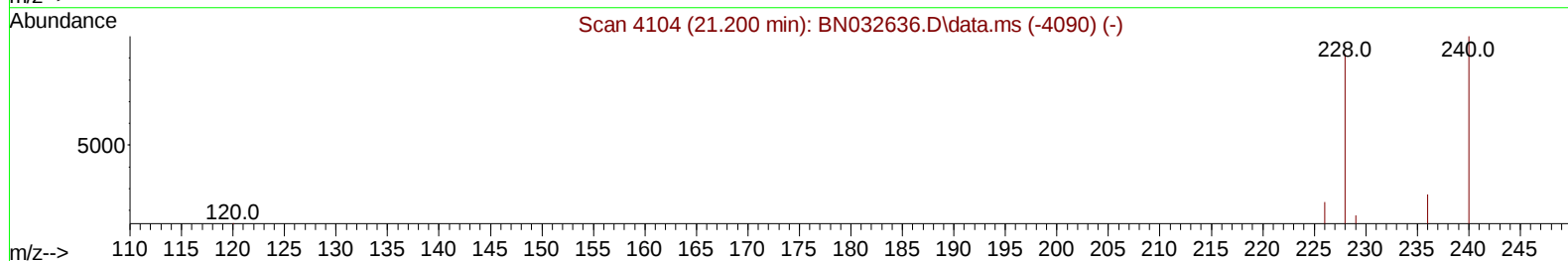
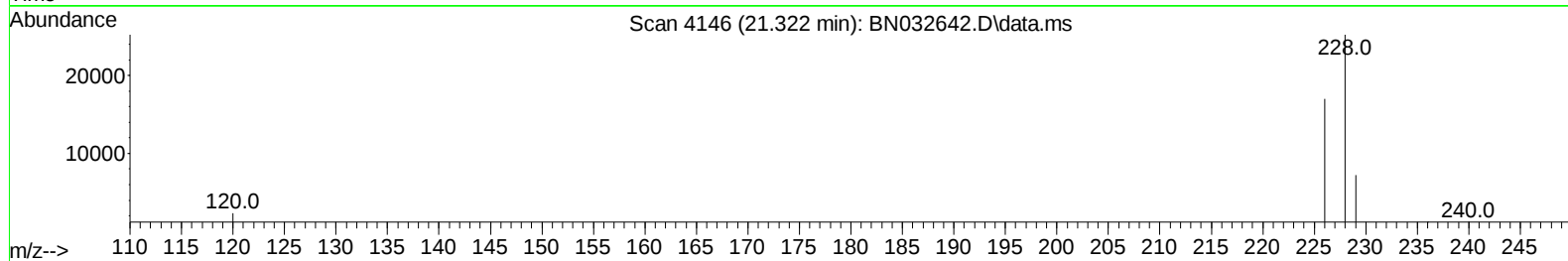
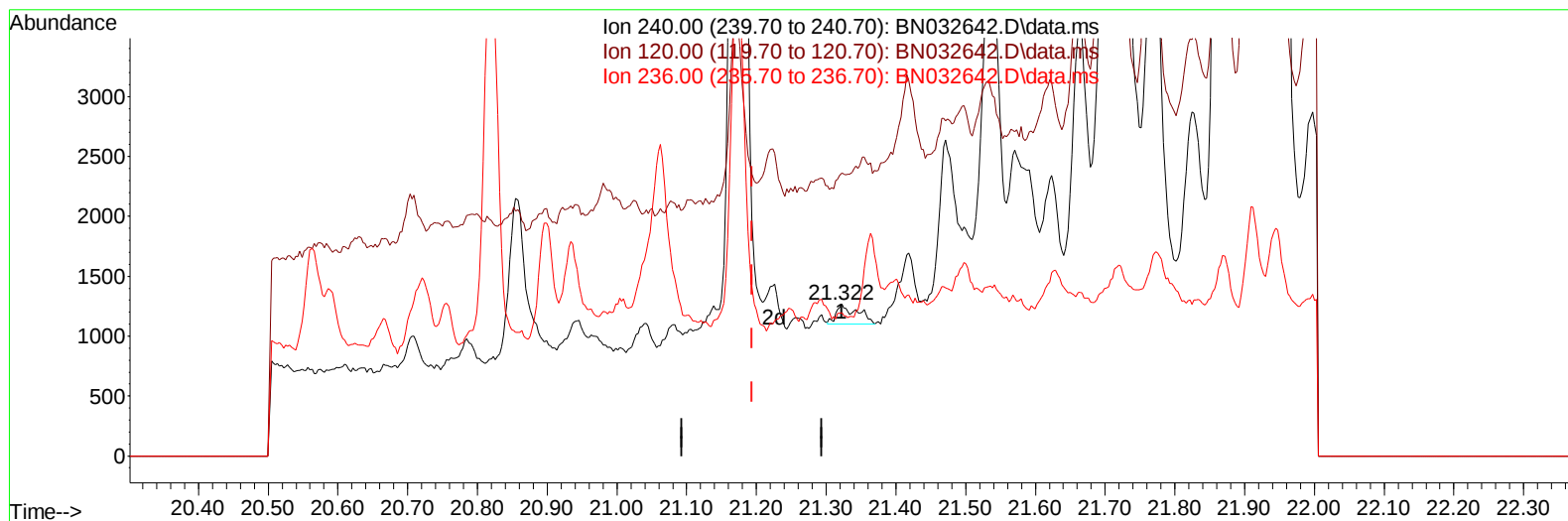
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.128) 0.40 ng/u1

response 338

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	186.35#
236.00	28.40	94.32#
0.00	0.00	0.00

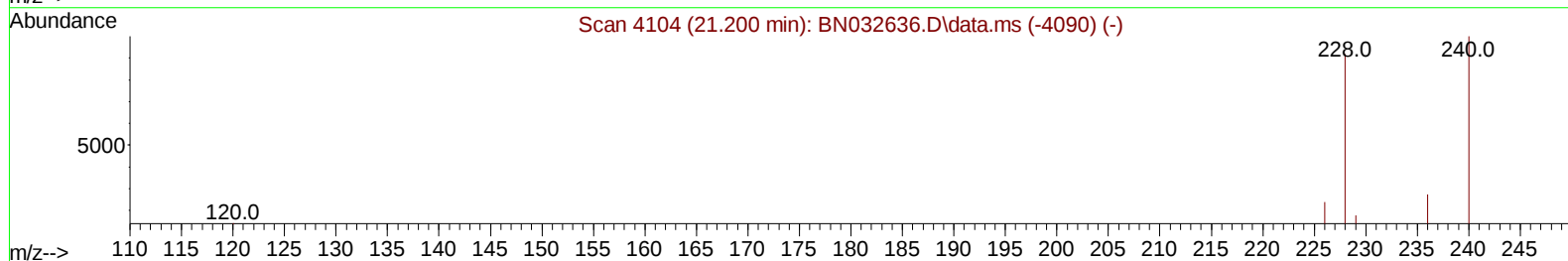
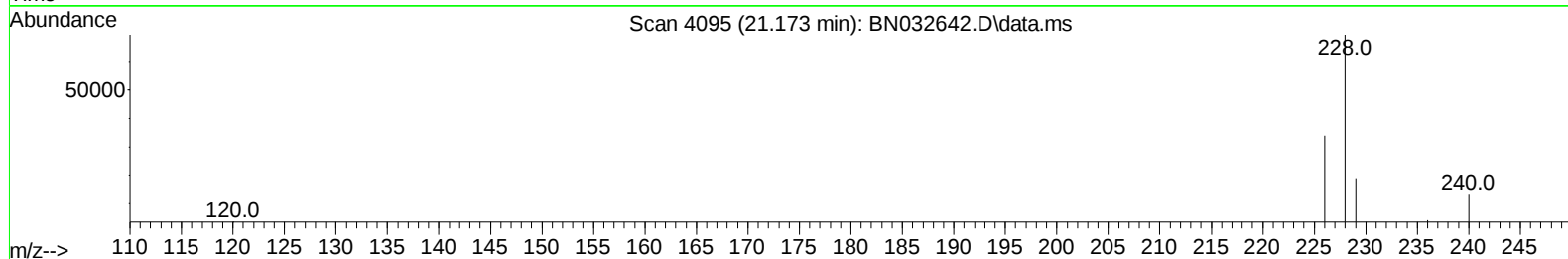
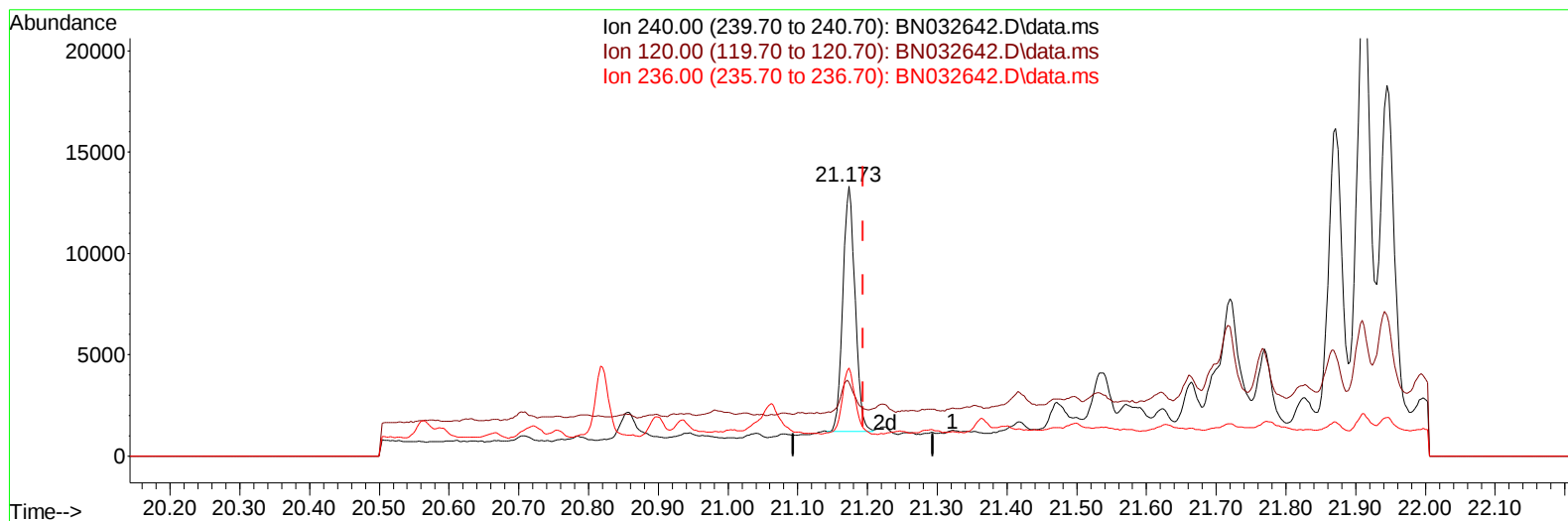
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(17) Chrysene-d12

21.173min (-0.021) 0.40 ng/ul m

response 14640

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.33#
236.00	28.40	32.75
0.00	0.00	0.00

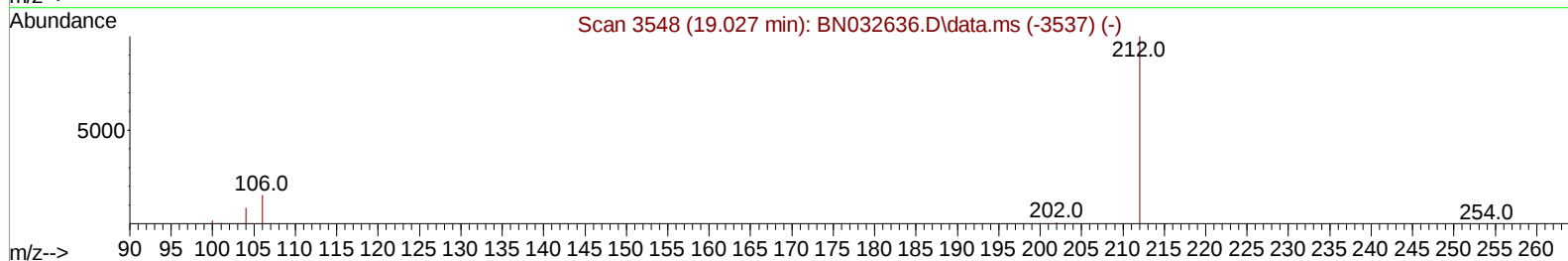
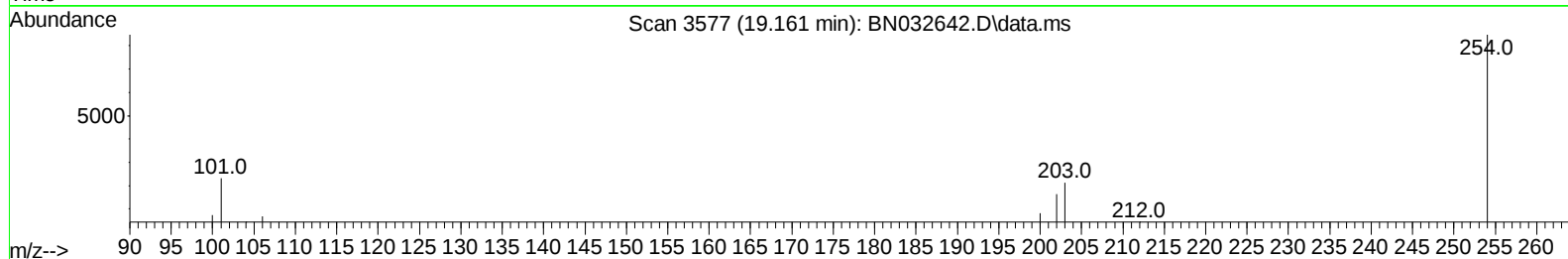
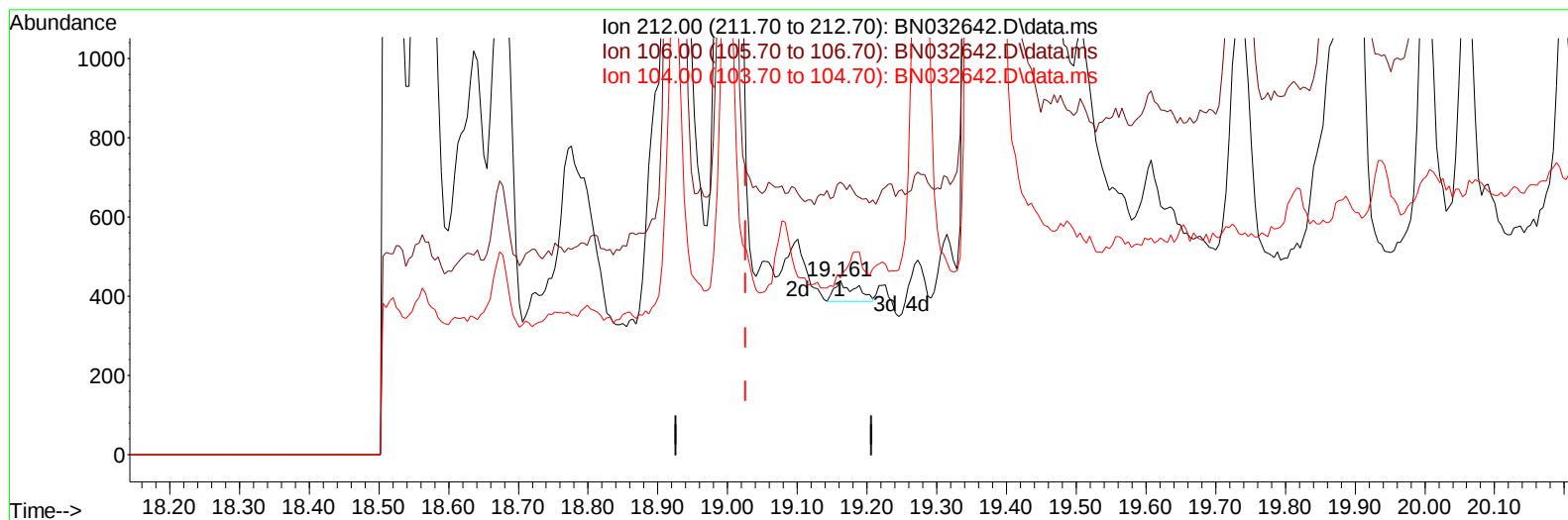
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.161min (+ 0.135) 0.00 ng/u1

response 108

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	85.19#
104.00	9.00	0.00#
0.00	0.00	0.00

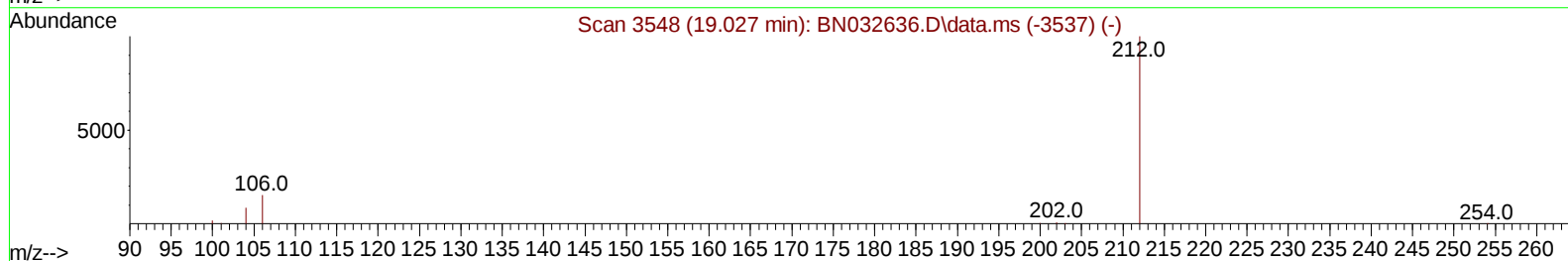
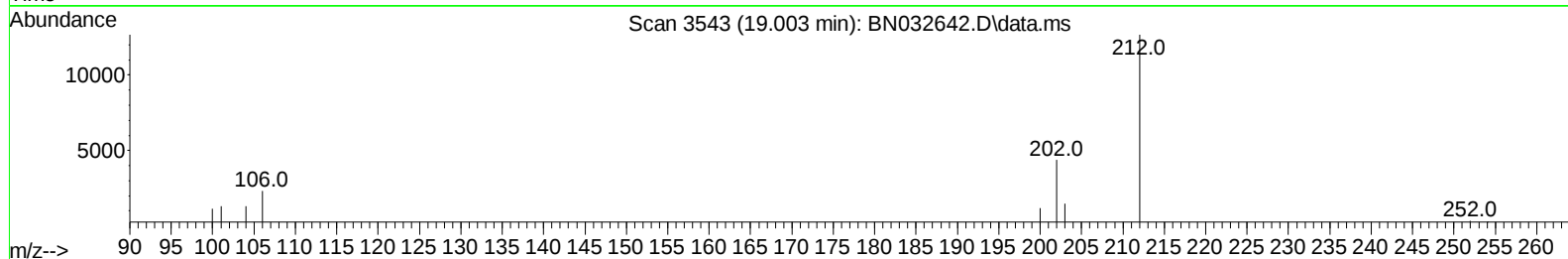
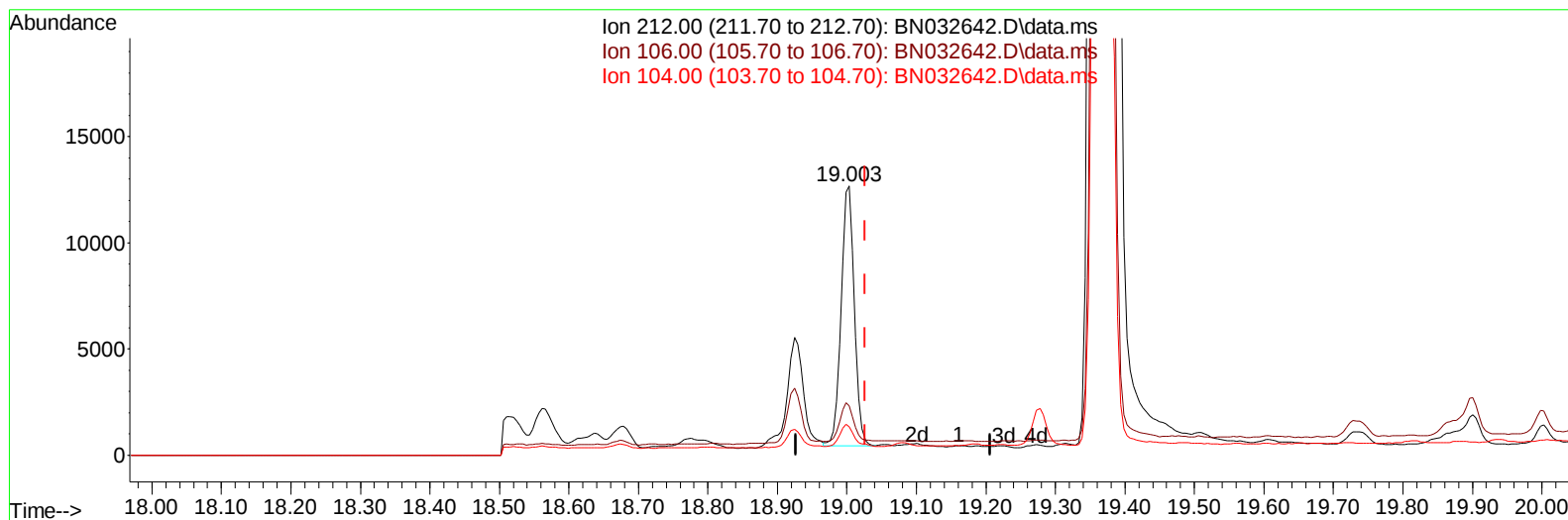
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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
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TIC: BN032642.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.003min (-0.023) 0.34 ng/ul m

response 16325

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.56#
104.00	9.00	0.00#
0.00	0.00	0.00

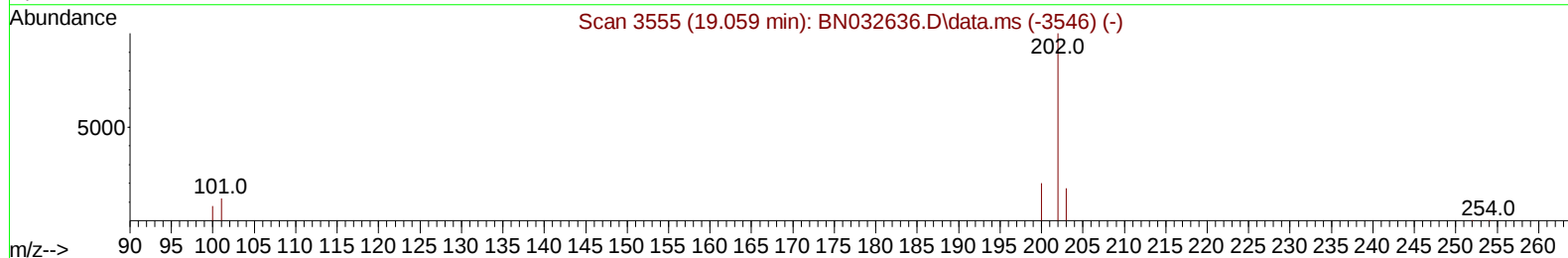
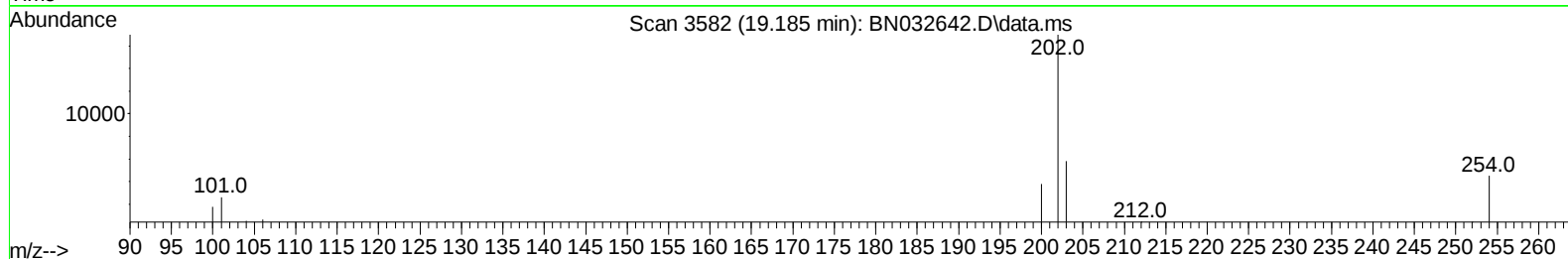
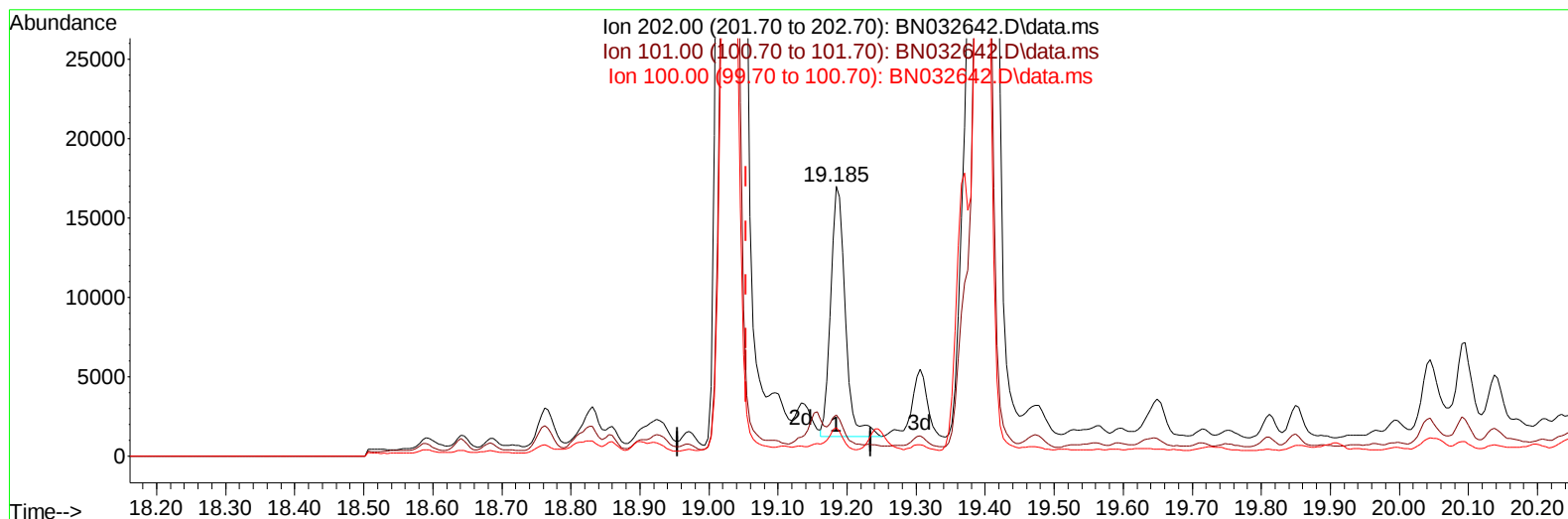
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032642.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.39 ng/u1

response 23246

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.14#
100.00	9.90	10.46
0.00	0.00	0.00

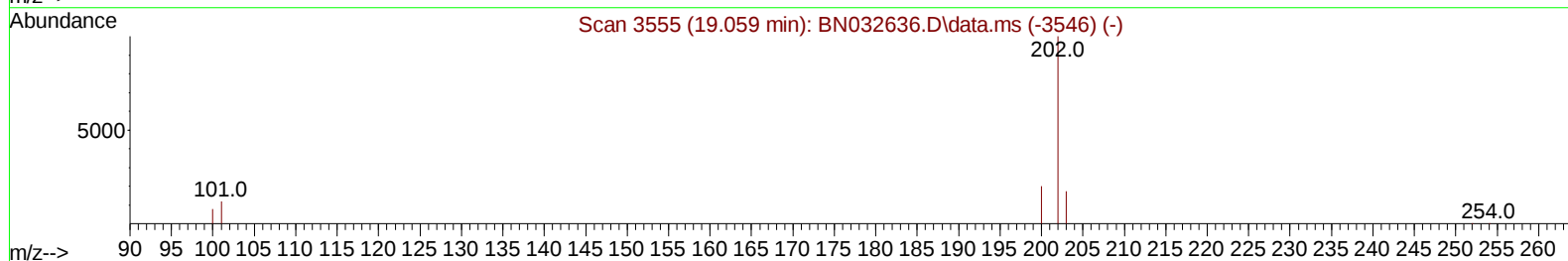
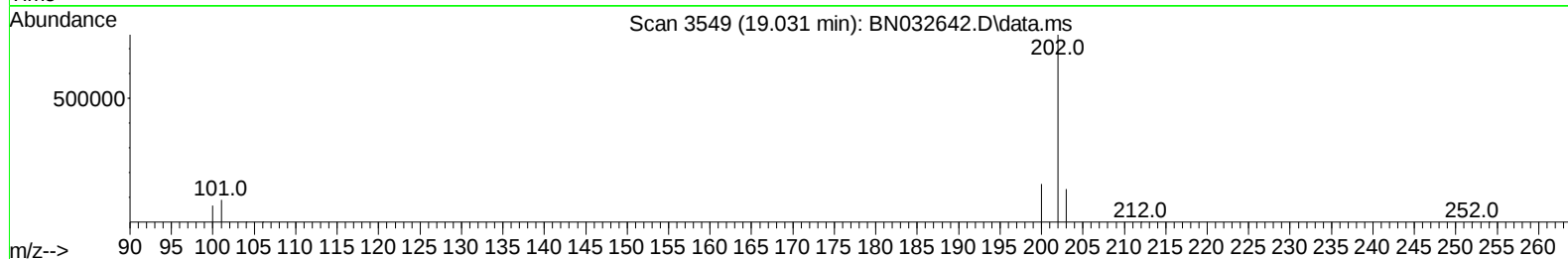
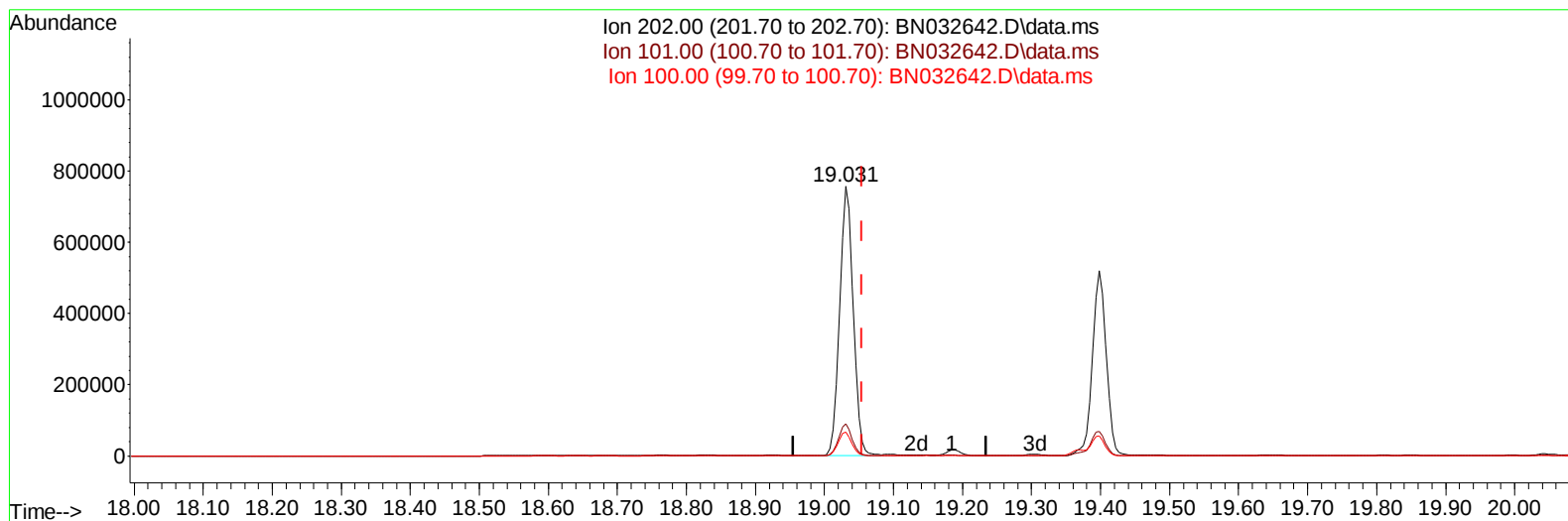
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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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: BN032642.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 17.21 ng/ul m

response 1024534

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.86
100.00	9.90	8.96
0.00	0.00	0.00

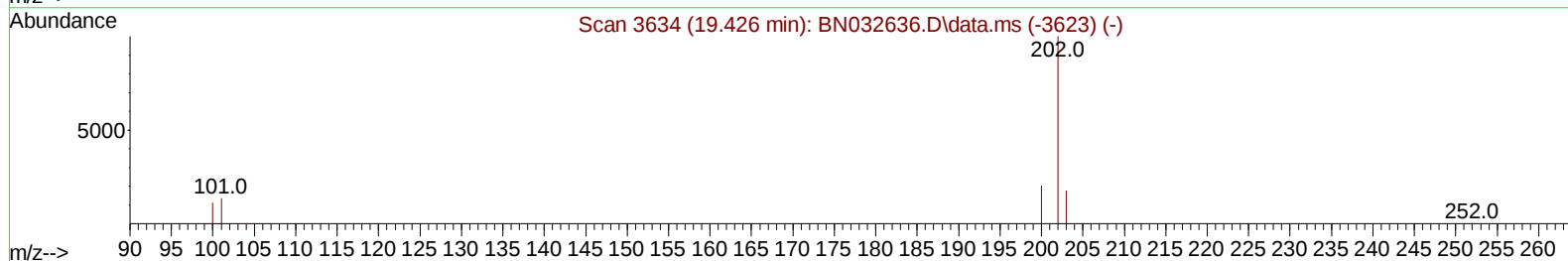
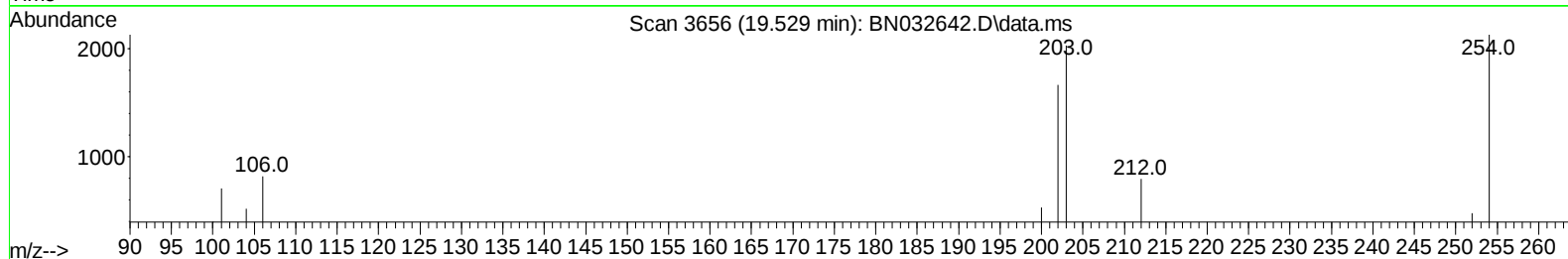
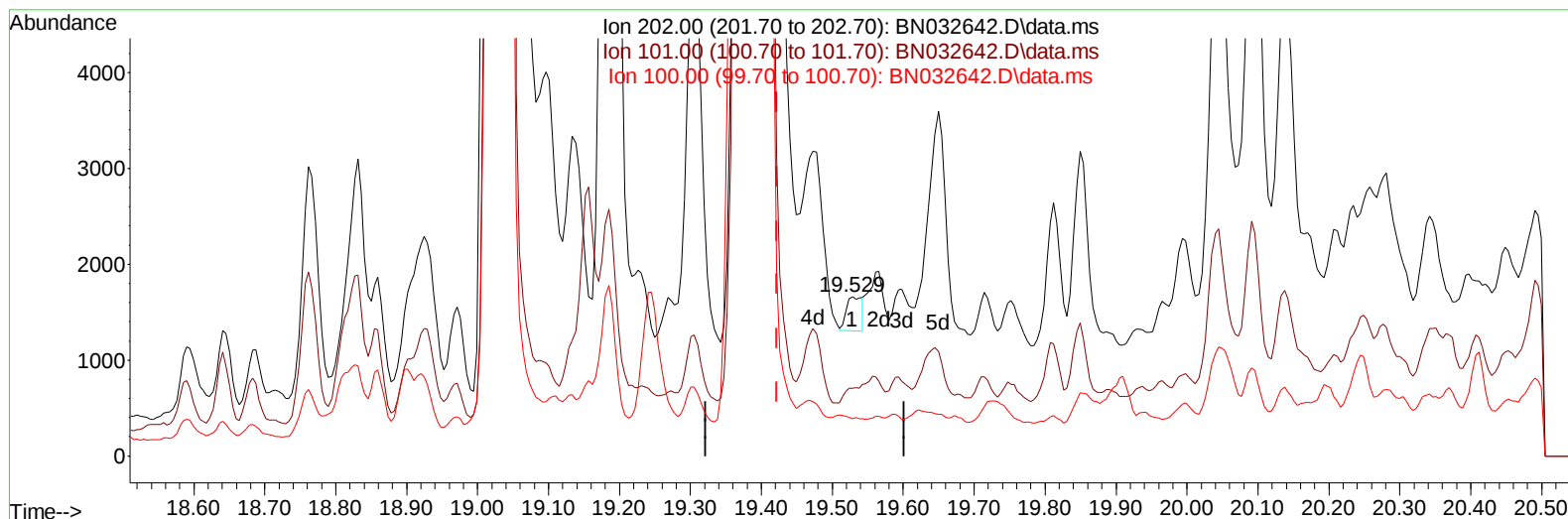
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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 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: BN032642.D\data.ms

(20) Pyrene

19.529min (+ 0.107) 0.01 ng/u1

response 546

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.45#
100.00	12.00	23.51#
0.00	0.00	0.00

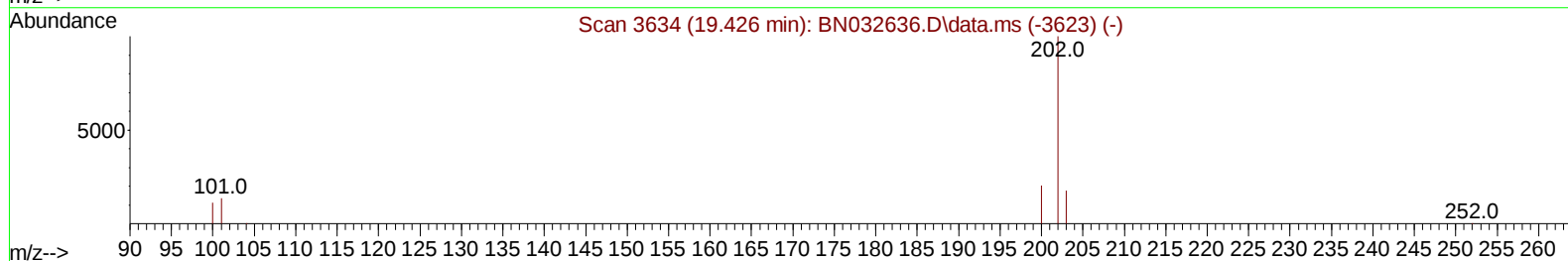
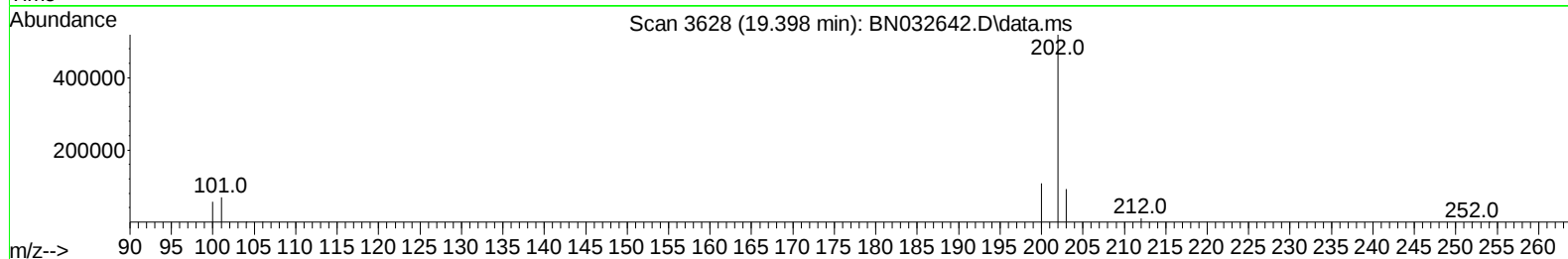
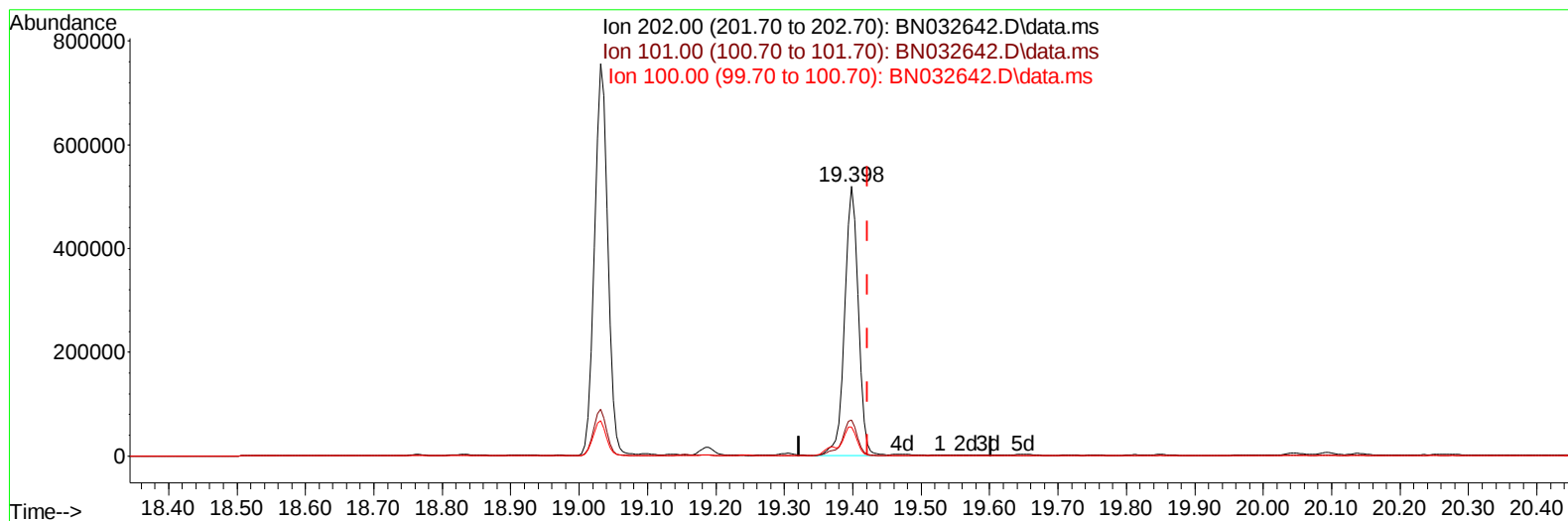
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(20) Pyrene

19.398min (-0.023) 11.70 ng/ul m

response 721110

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.43
100.00	12.00	10.81
0.00	0.00	0.00

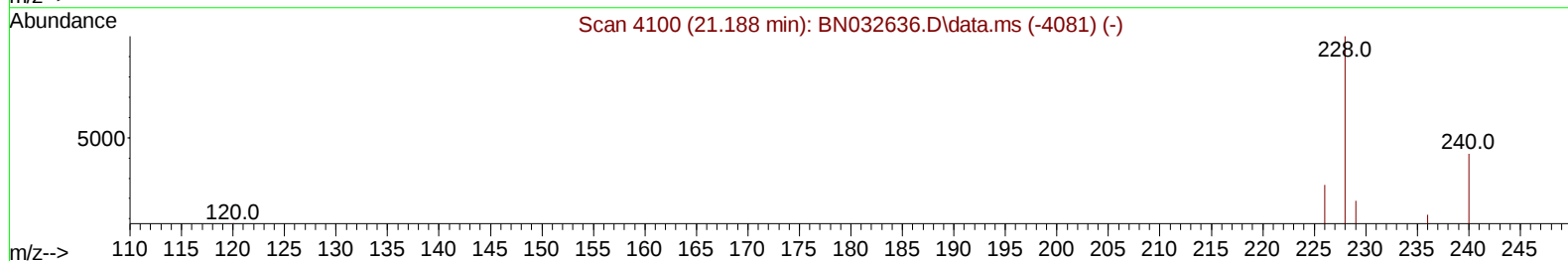
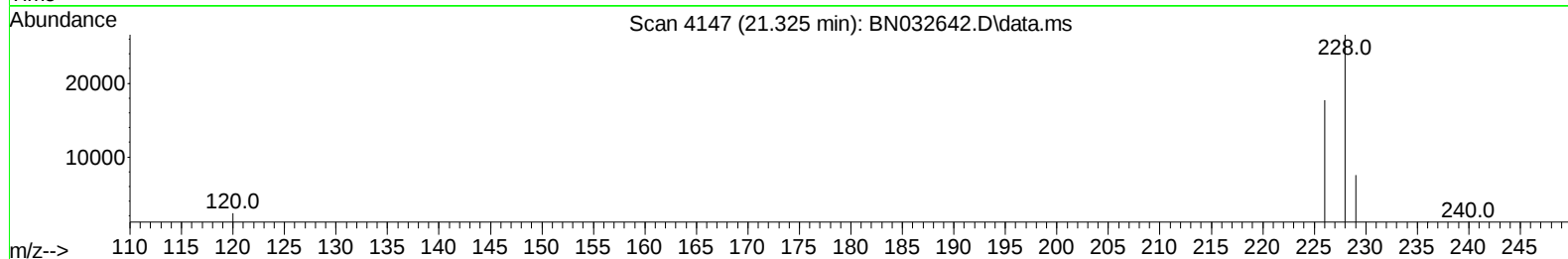
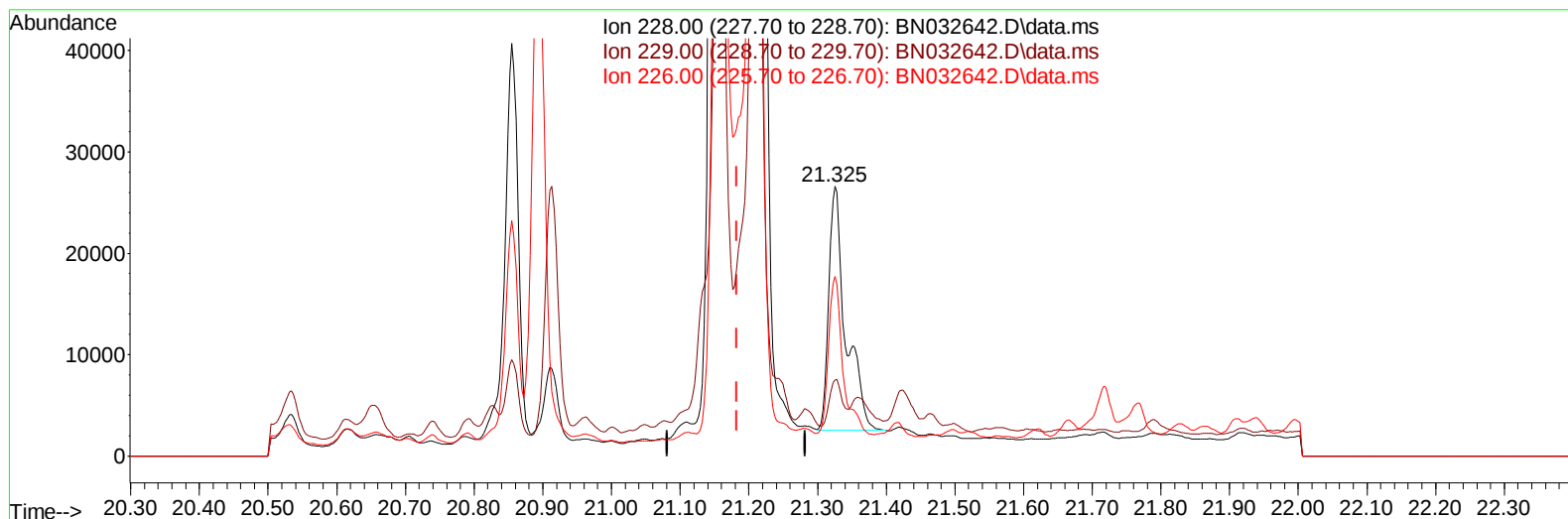
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(21) Benzo(a)anthracene

21.325min (+ 0.143) 0.89 ng/u1

response 41325

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	28.29#
226.00	27.40	66.73#
0.00	0.00	0.00

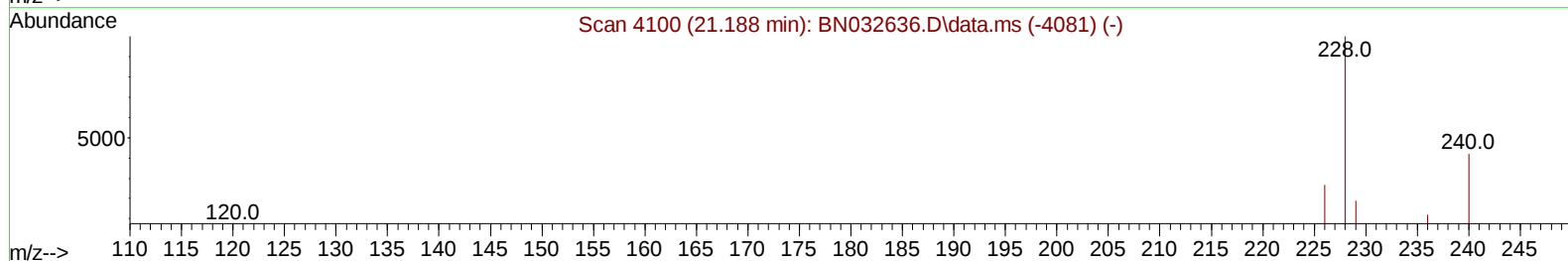
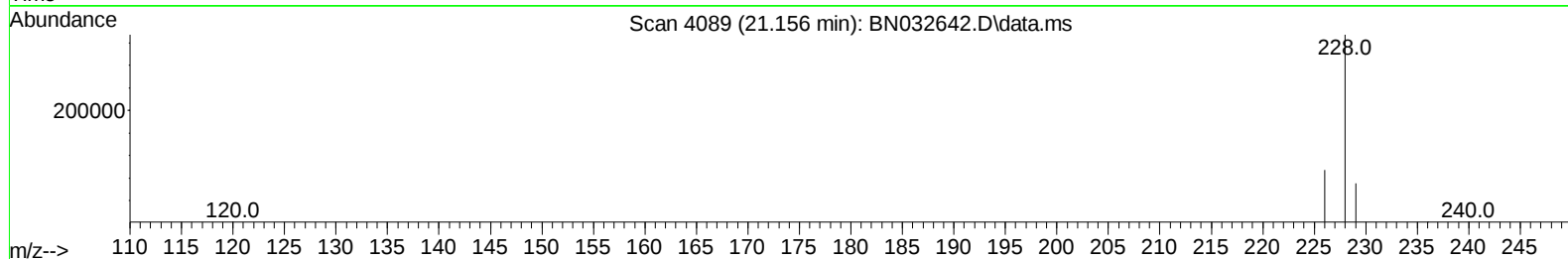
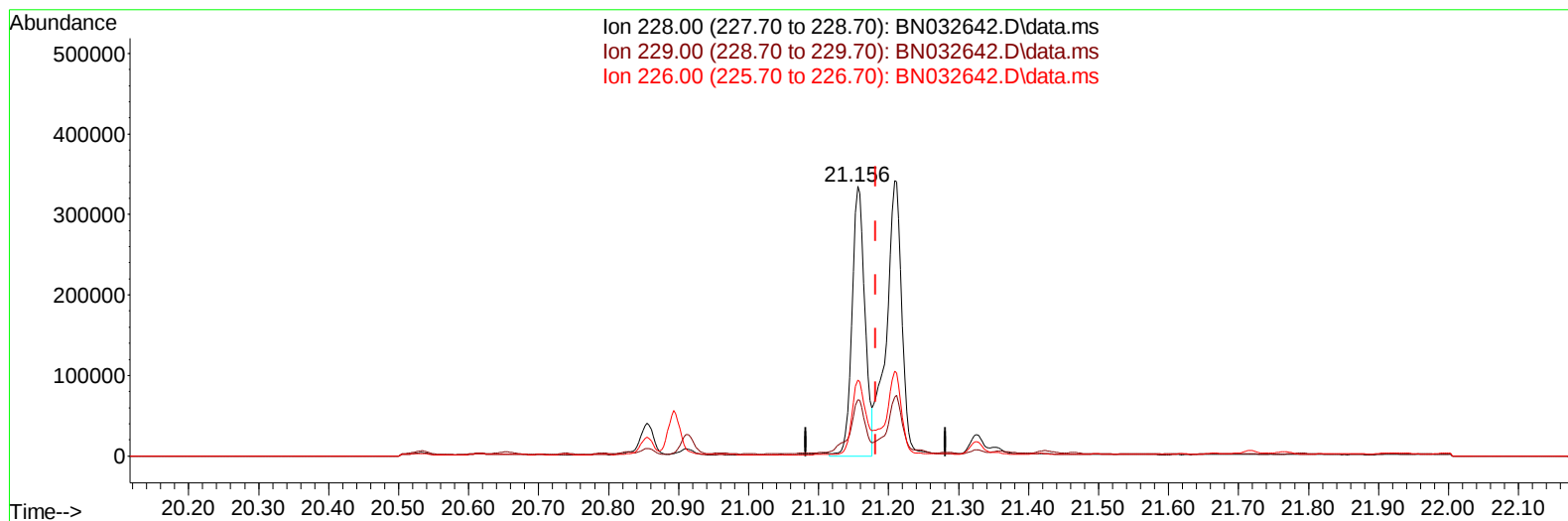
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(21) Benzo(a)anthracene

21.156min (-0.026) 9.18 ng/u1 m

response 427870

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.92
226.00	27.40	28.10
0.00	0.00	0.00

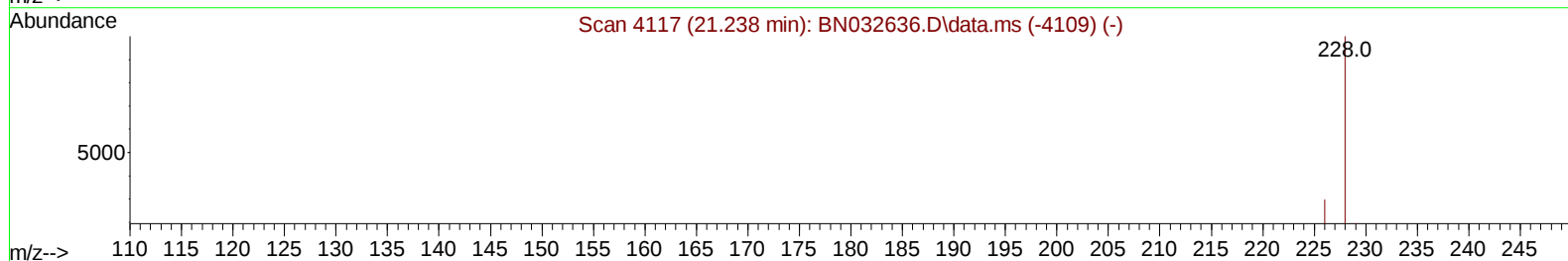
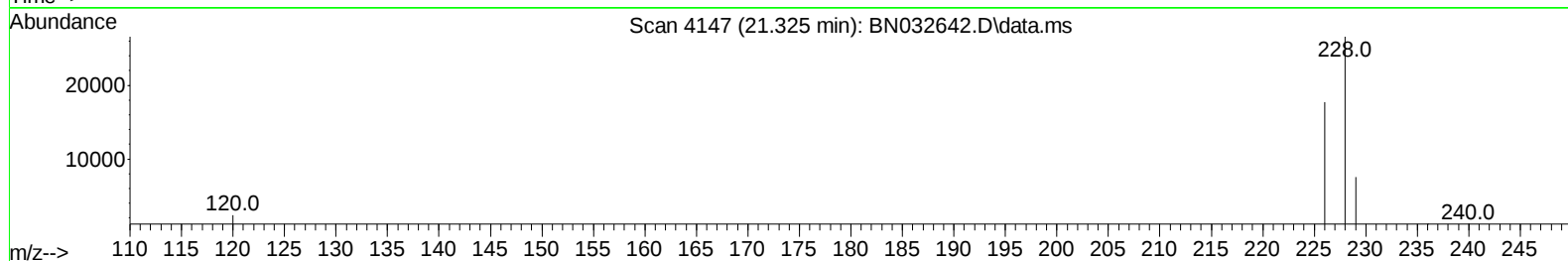
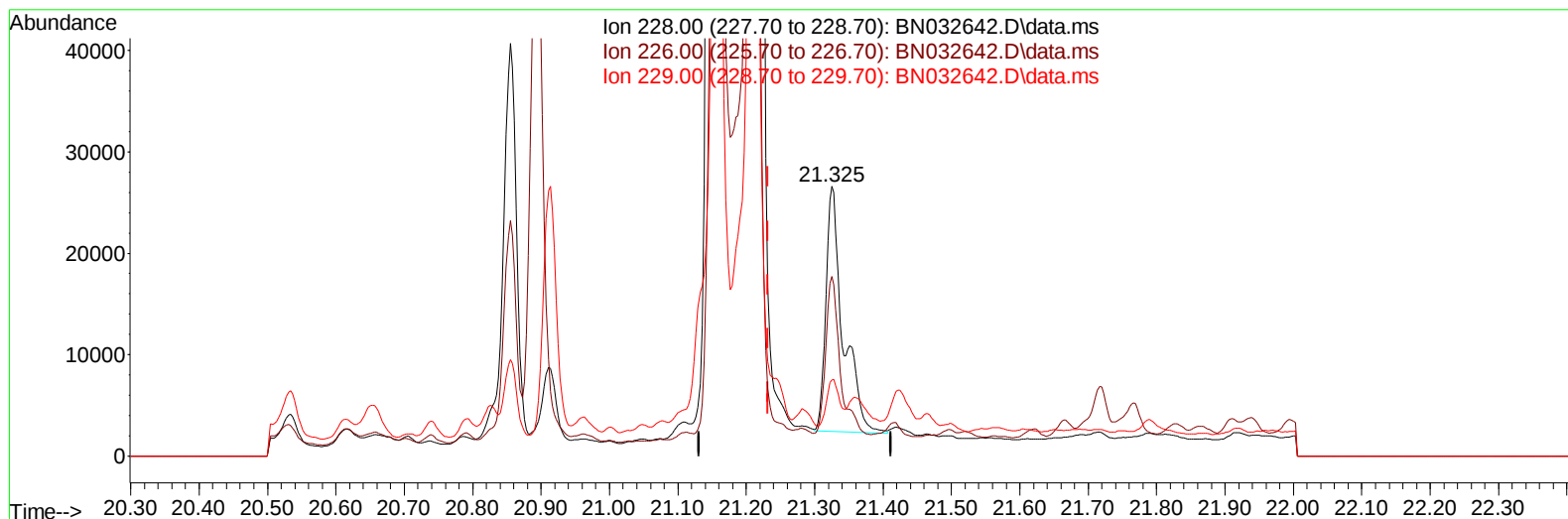
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(22) Chrysene

21.325min (+ 0.093) 0.63 ng/u1

response 42344

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	66.73#
229.00	19.70	28.29#
0.00	0.00	0.00

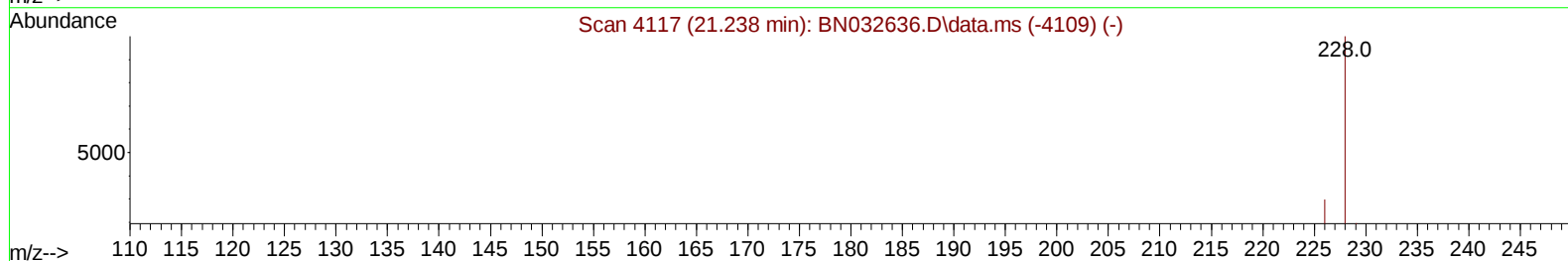
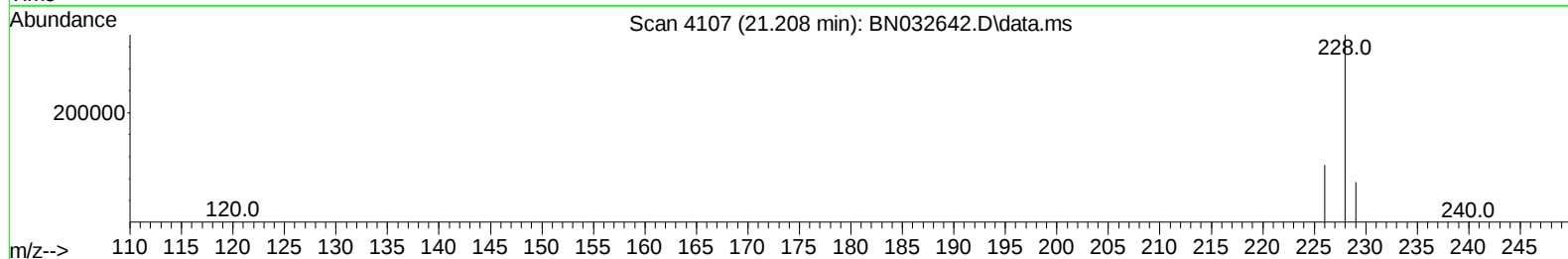
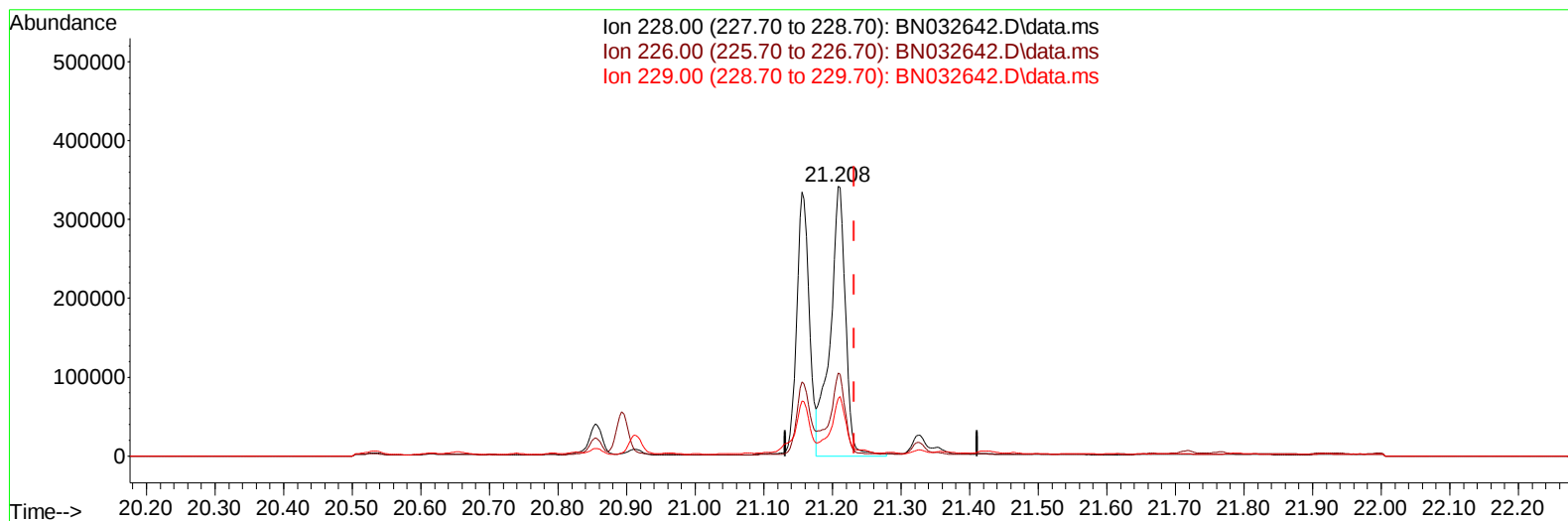
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(22) Chrysene

21.208min (-0.024) 7.96 ng/u1 m

response 536496

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.91
229.00	19.70	21.45
0.00	0.00	0.00

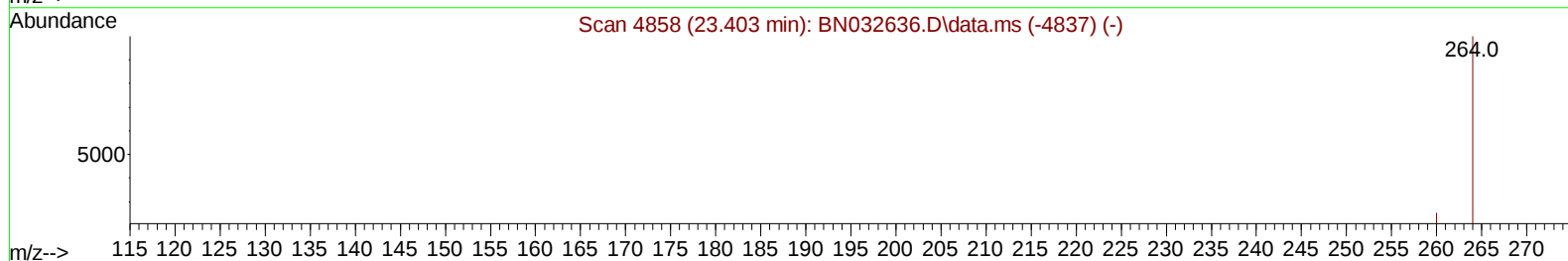
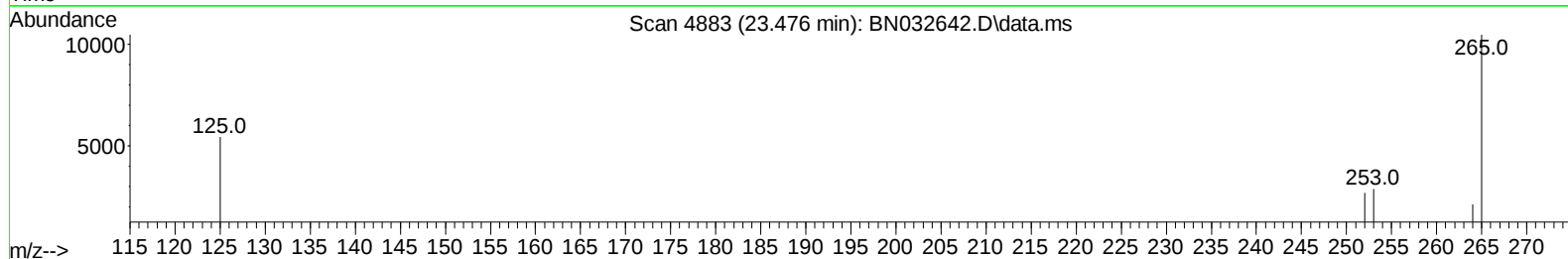
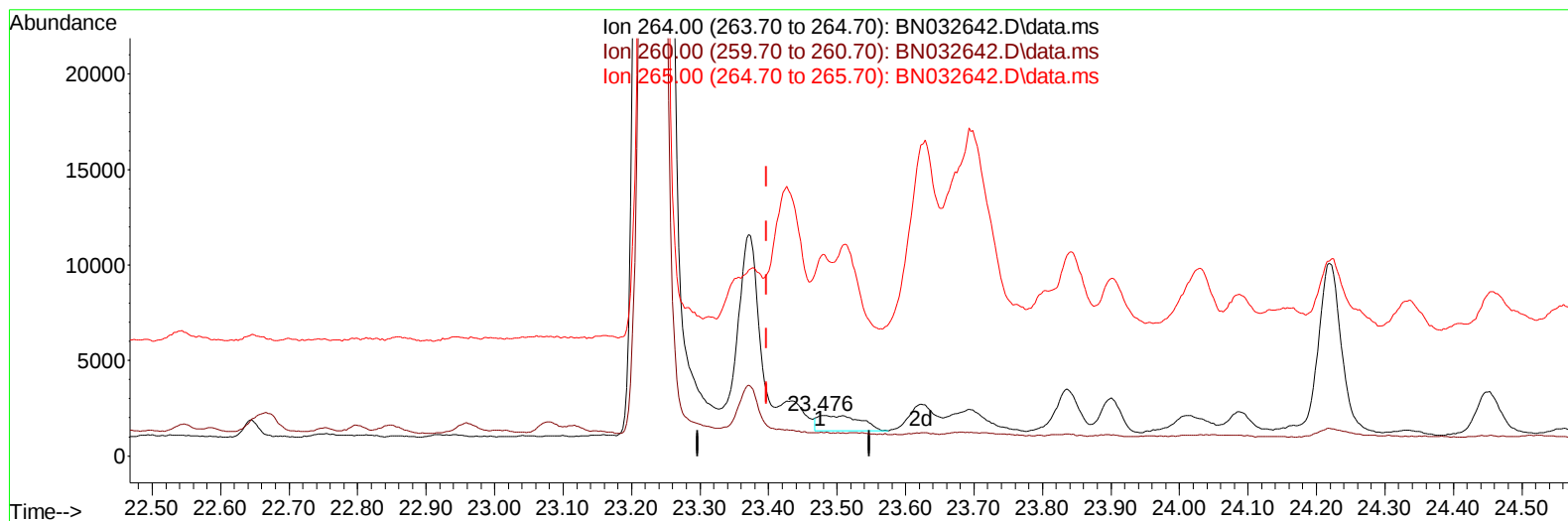
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(23) Perylene-d12 (I)

23.476min (+ 0.079) 0.40 ng/u1

response 3358

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	58.81#
265.00	95.50	491.12#
0.00	0.00	0.00

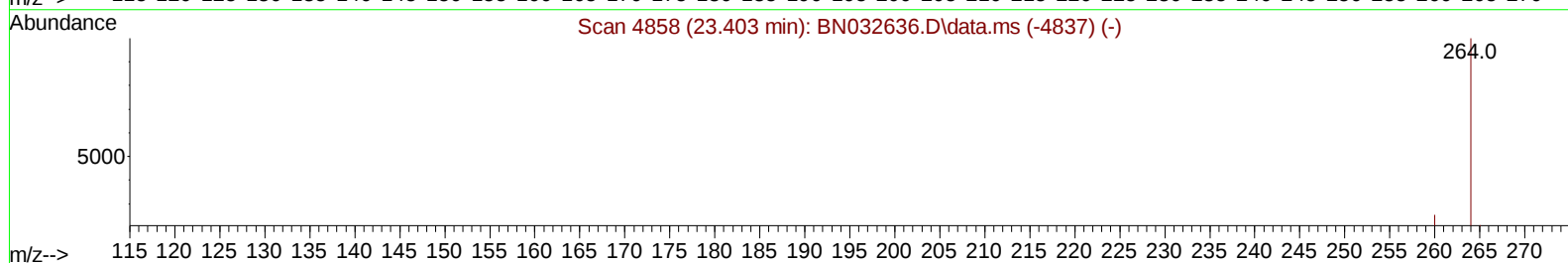
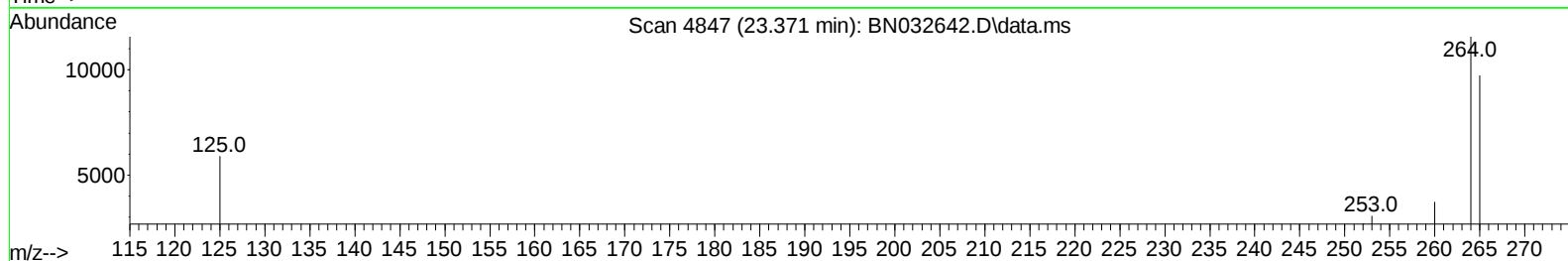
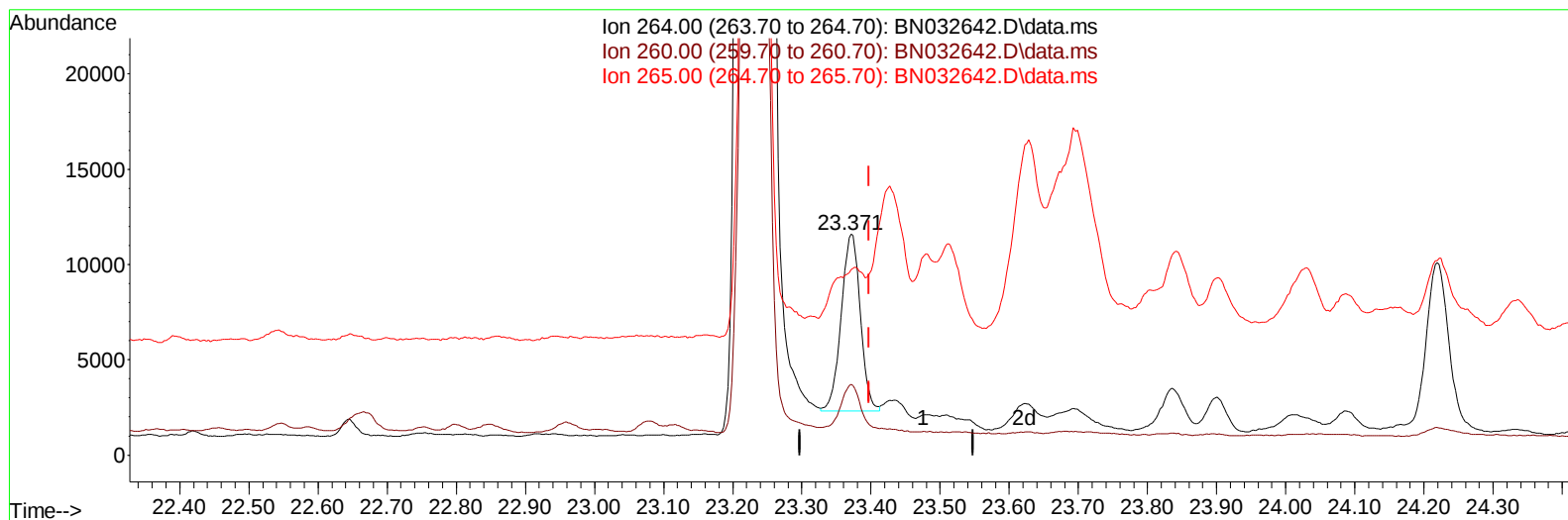
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(23) Perylene-d12 (I)

23.371min (-0.026) 0.40 ng/ul m

response 17797

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.03#
265.00	95.50	84.11
0.00	0.00	0.00

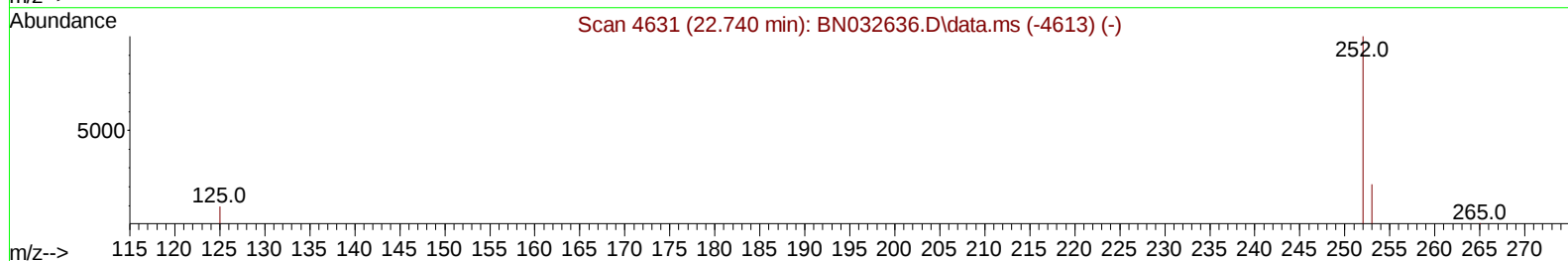
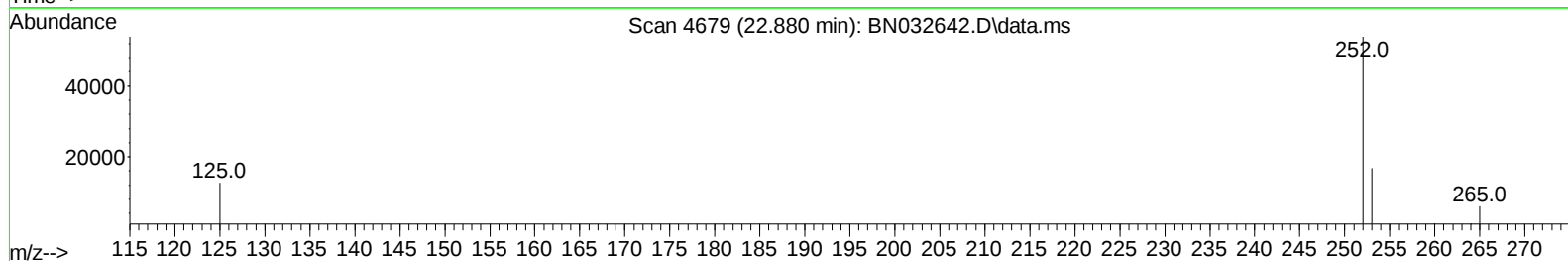
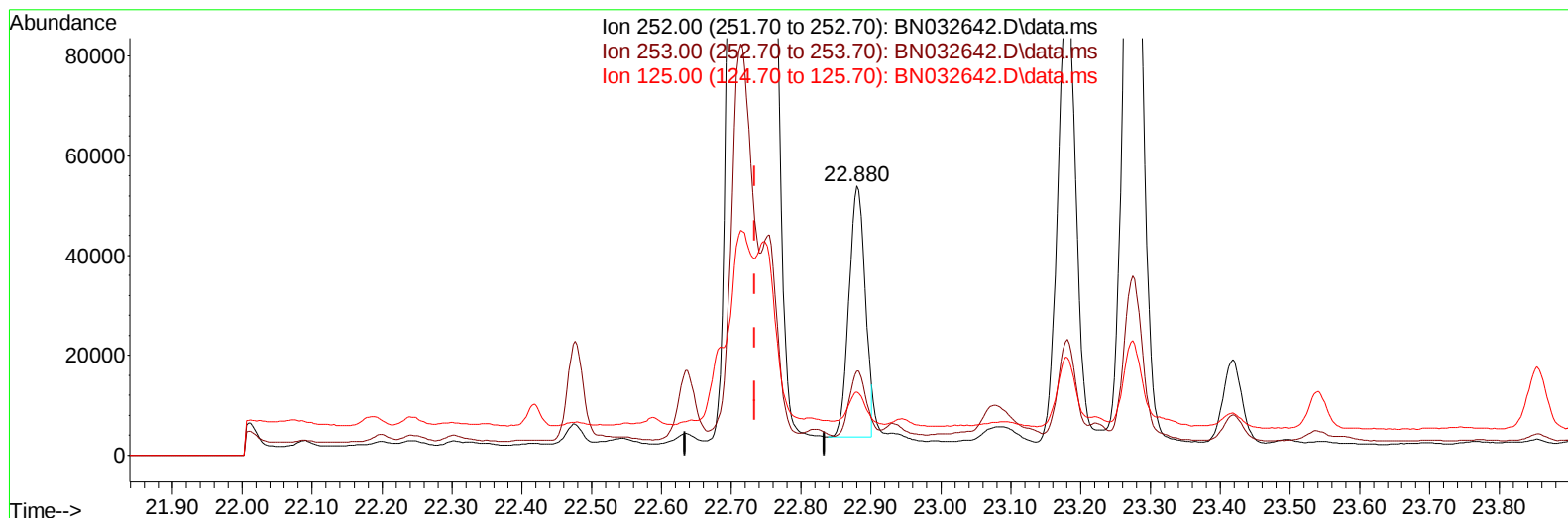
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(24) Benzo(b)fluoranthene

22.880min (+ 0.146) 1.29 ng/u1

response 81249

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.17
125.00	18.00	23.58
0.00	0.00	0.00

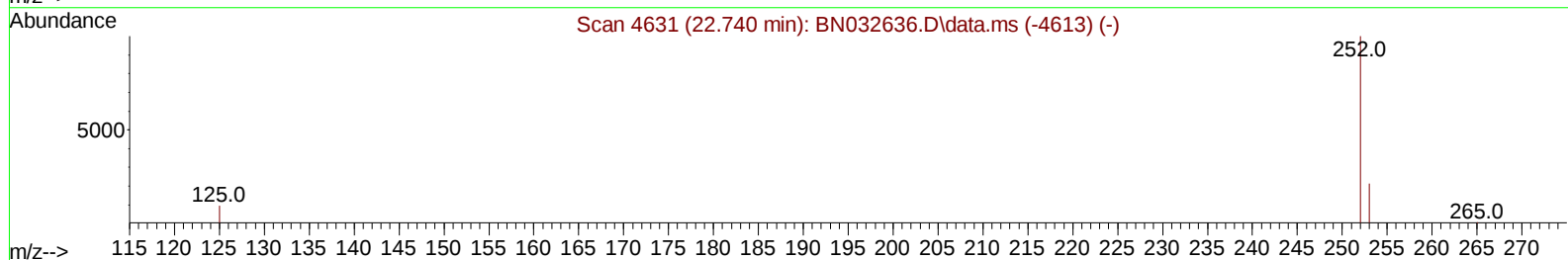
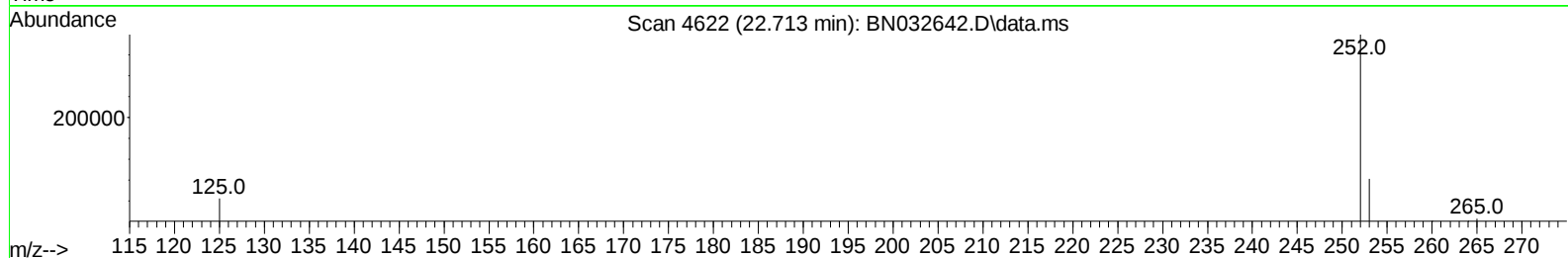
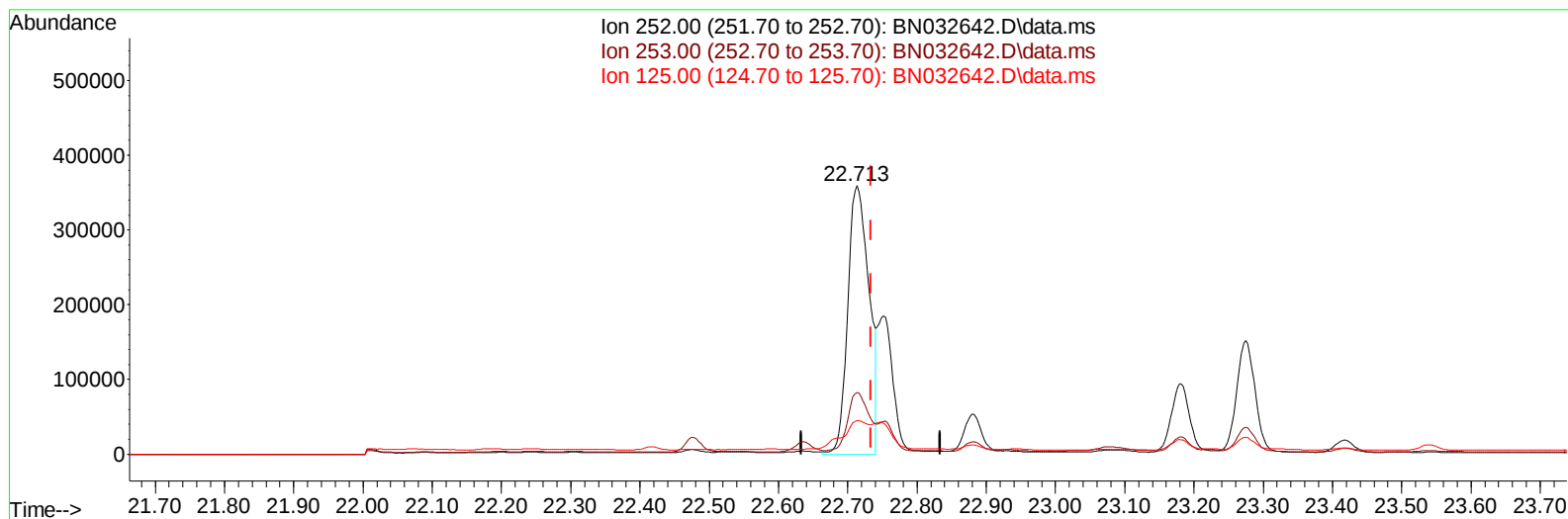
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(24) Benzo(b)fluoranthene

22.713min (-0.021) 12.10 ng/u1 m

response 760046

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.96
125.00	18.00	12.55
0.00	0.00	0.00

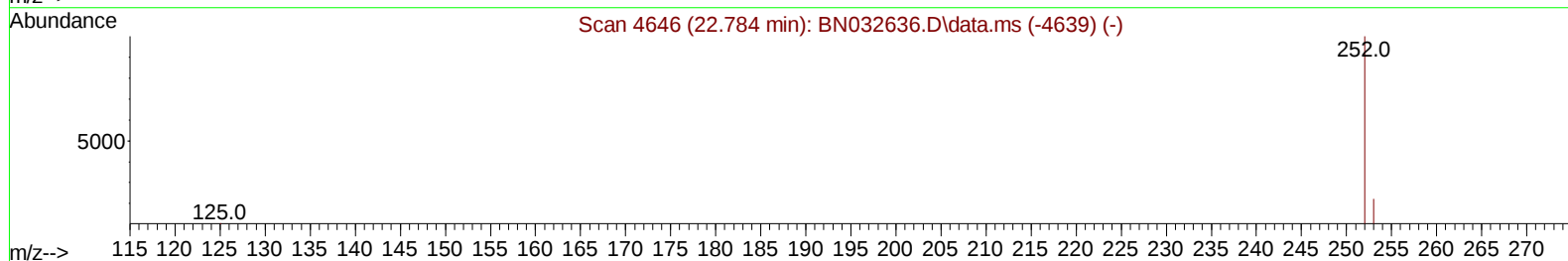
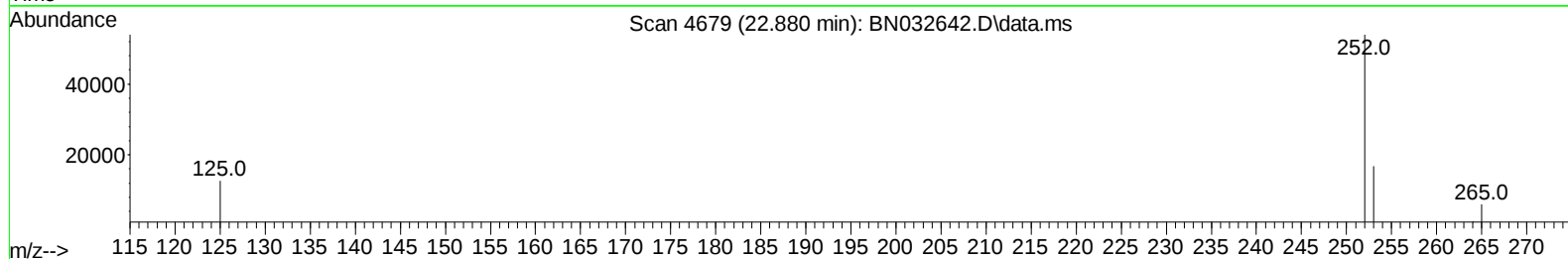
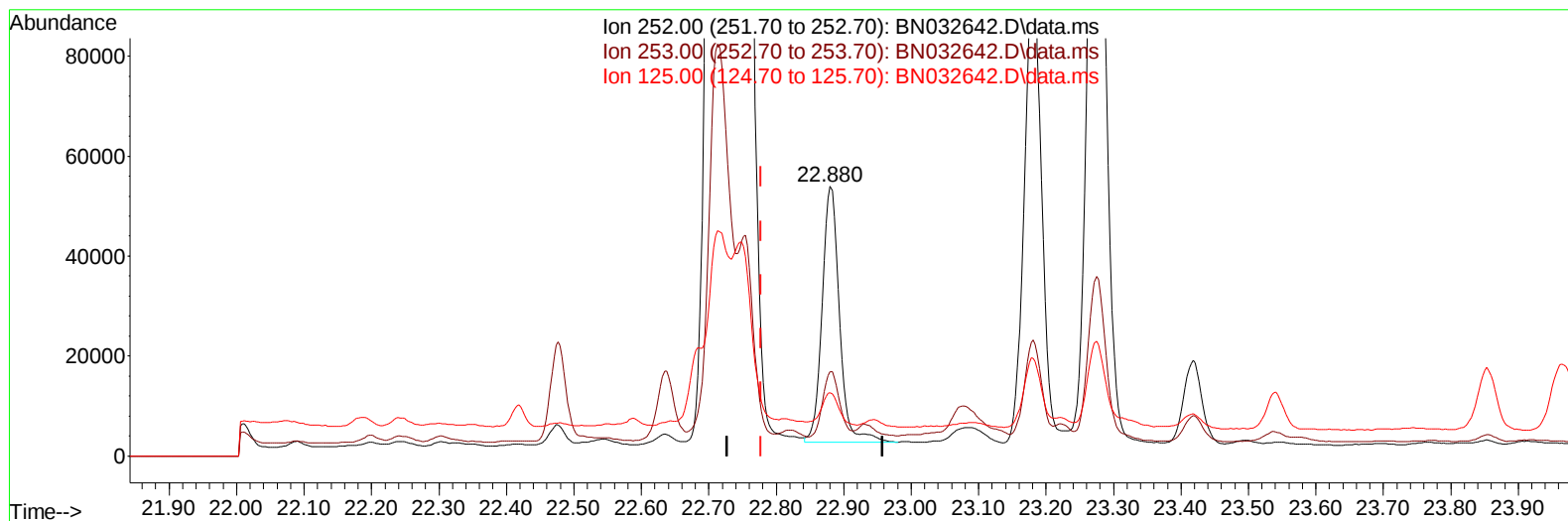
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(25) Benzo(k)fluoranthene

22.880min (+ 0.102) 1.19 ng/u1

response 90879

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	31.17
125.00	18.50	23.58#
0.00	0.00	0.00

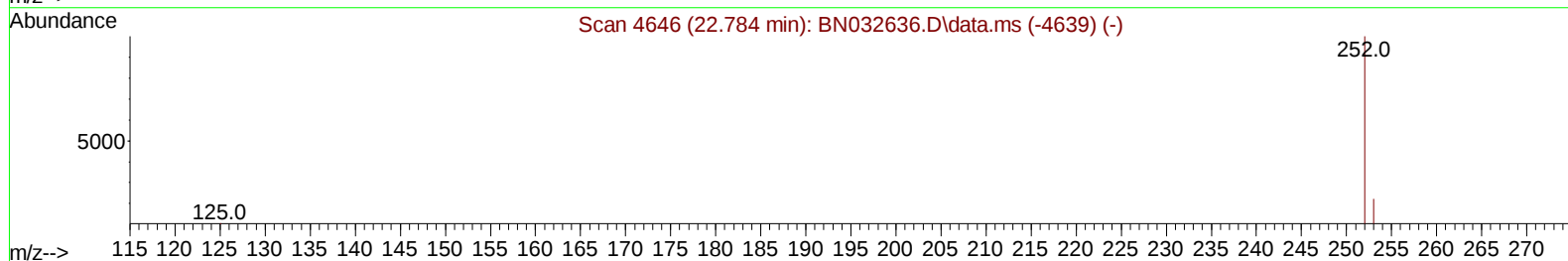
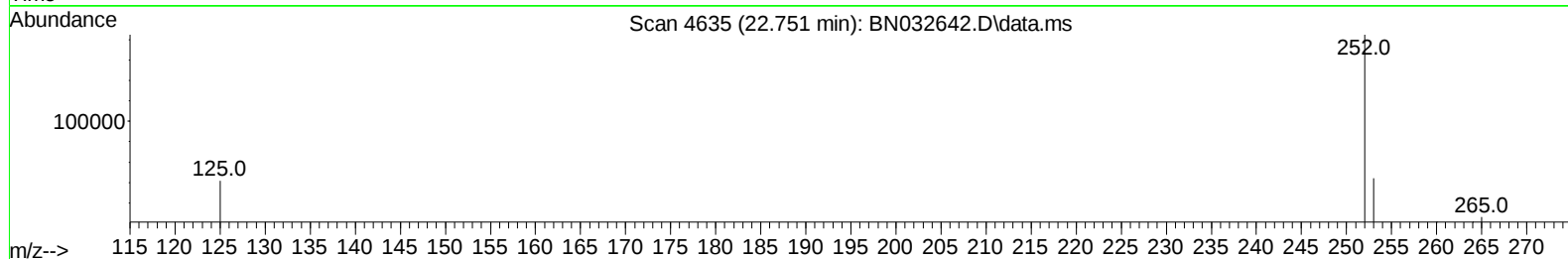
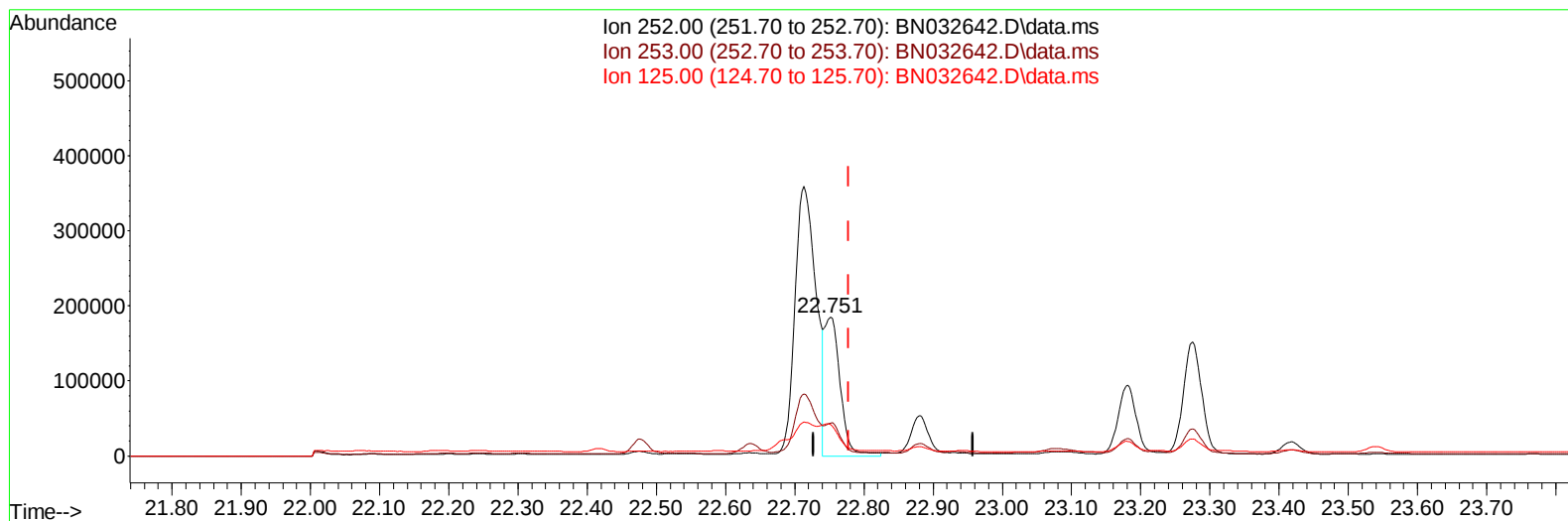
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.026) 3.89 ng/u1 m

response 297983

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.81
125.00	18.50	22.70#
0.00	0.00	0.00

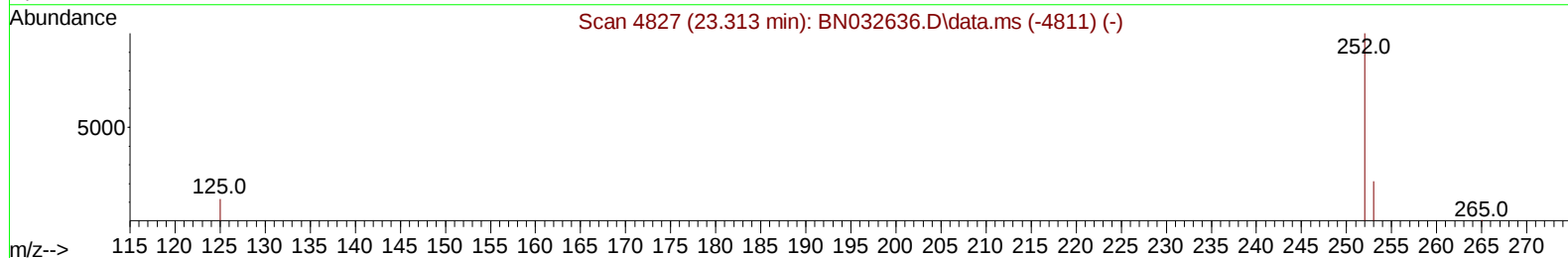
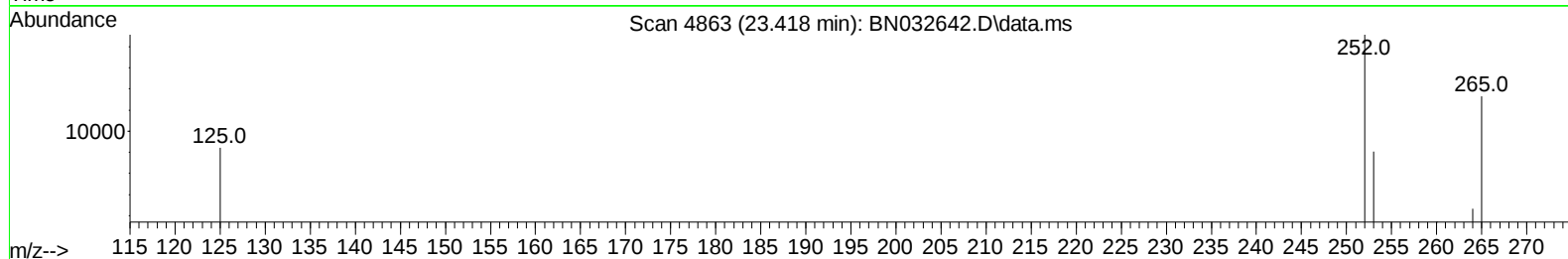
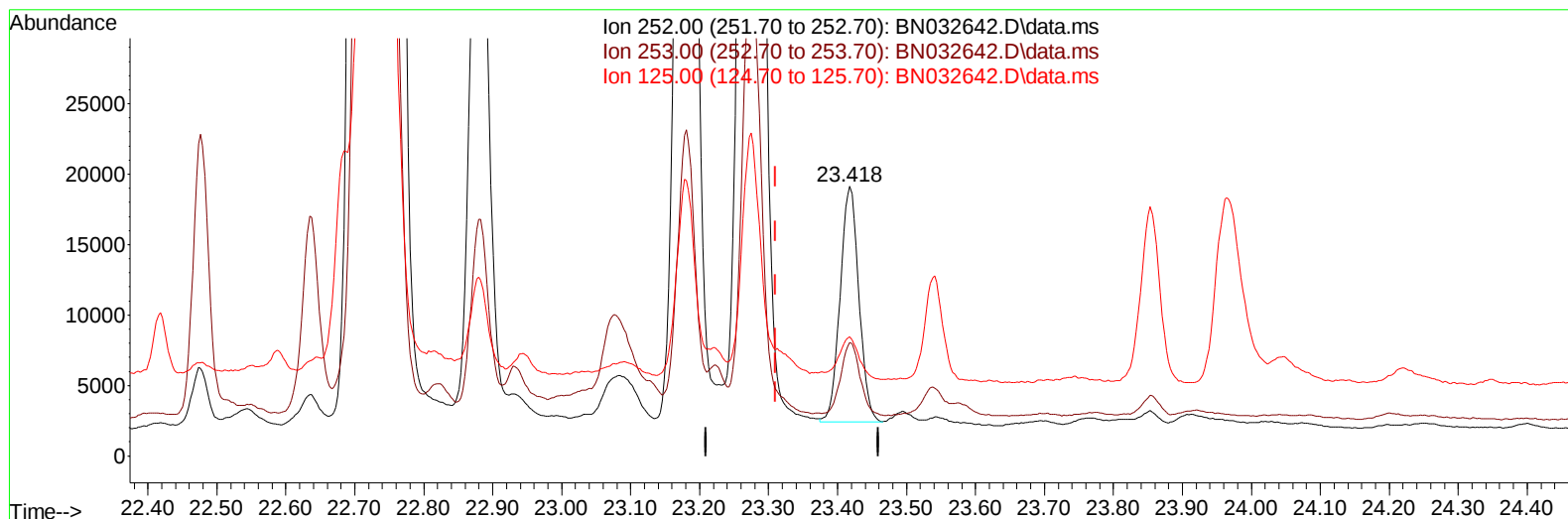
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(26) Benzo(a)pyrene (C)

23.418min (+ 0.108) 0.58 ng/u1

response 31416

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	42.11#
125.00	25.70	44.16#
0.00	0.00	0.00

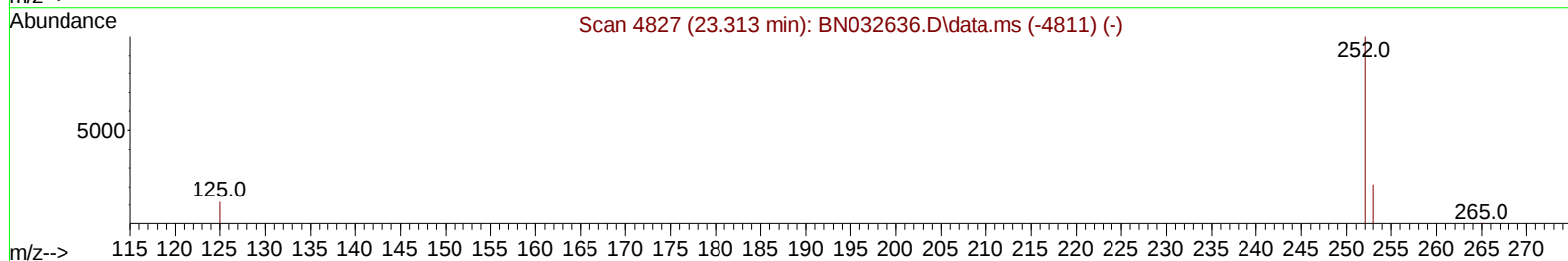
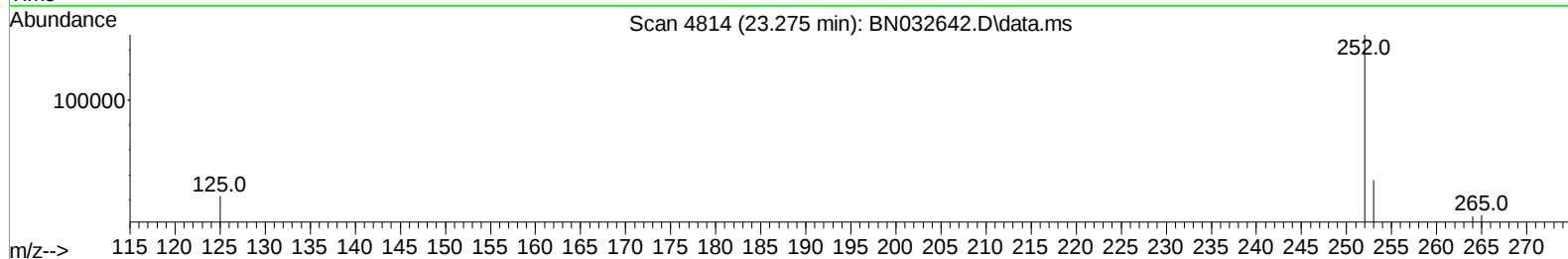
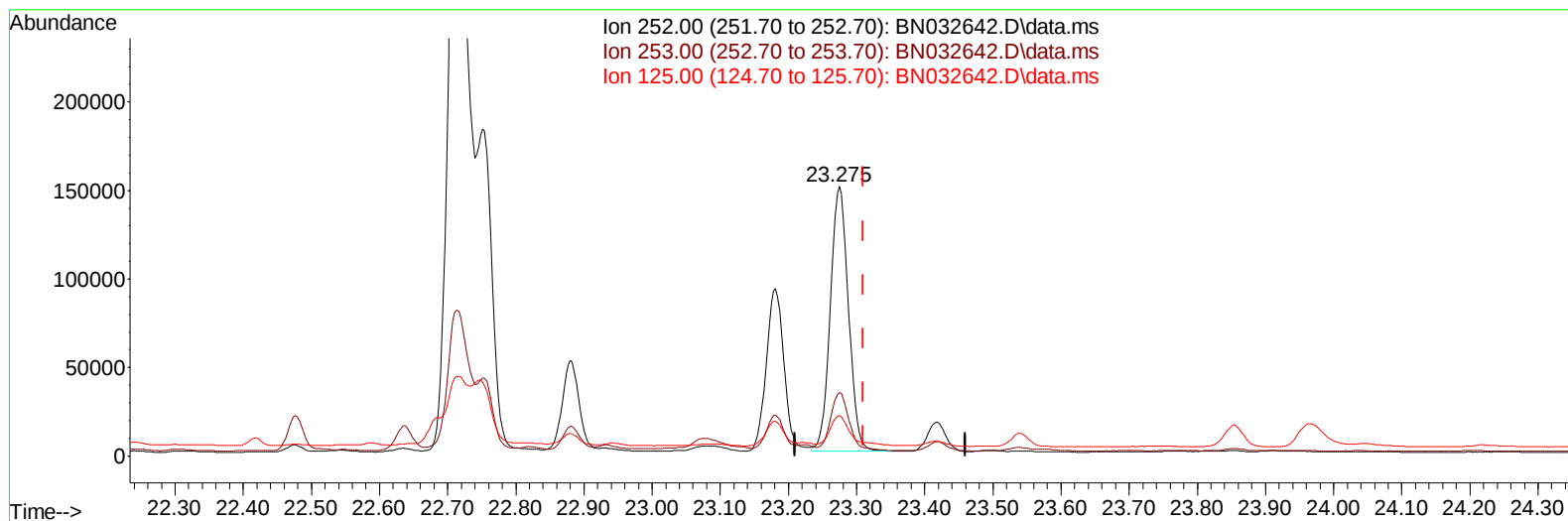
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

(26) Benzo(a)pyrene (C)

23.275min (-0.035) 5.08 ng/u1 m

response 276139

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.57#
125.00	25.70	15.07#
0.00	0.00	0.00

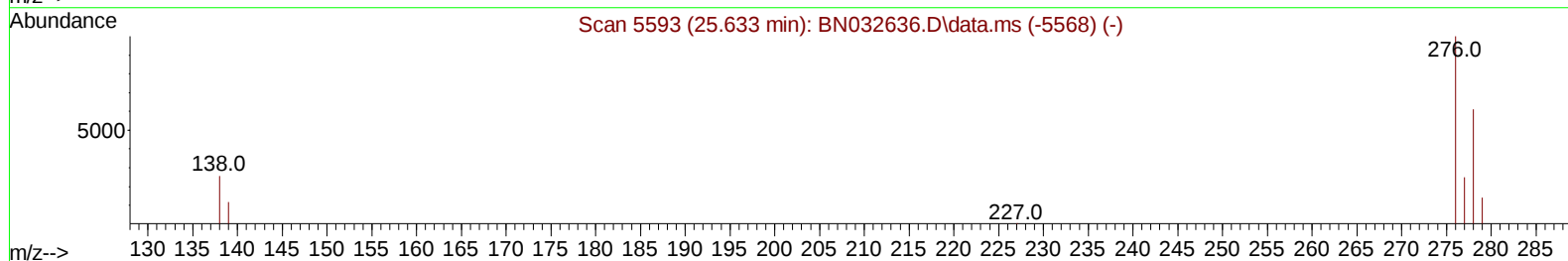
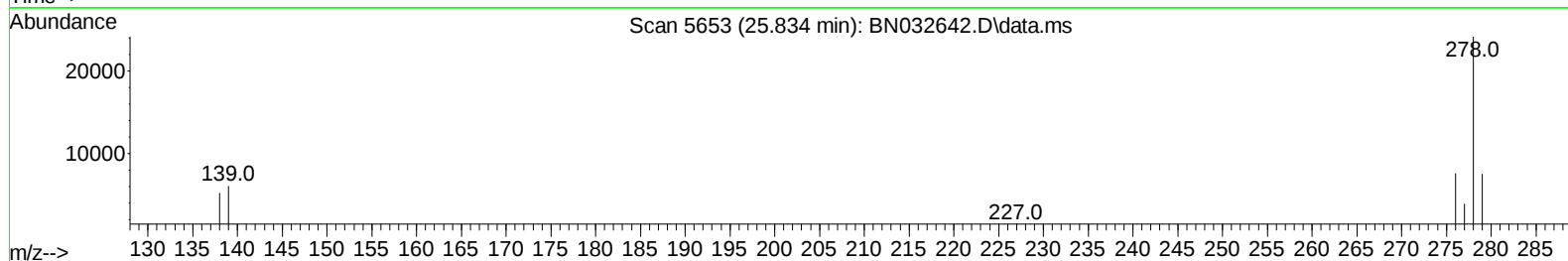
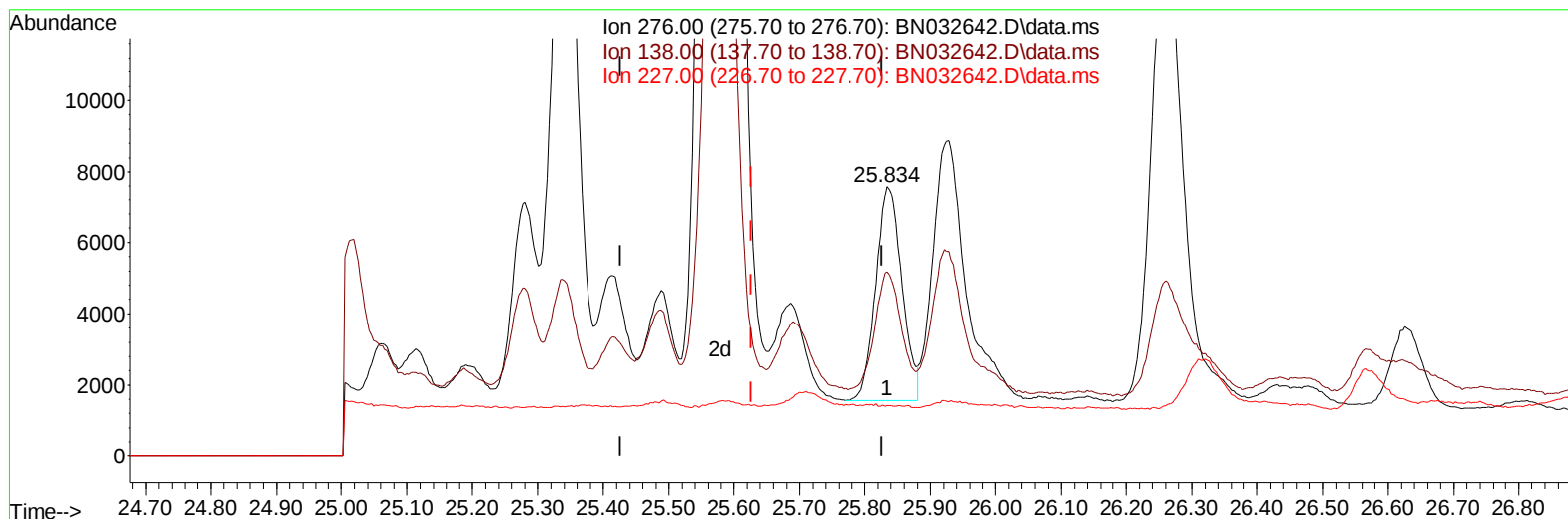
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

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

25.834min (+ 0.208) 0.23 ng/u1

response 16624

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	54.41#
227.00	0.00	0.79#
0.00	0.00	0.00

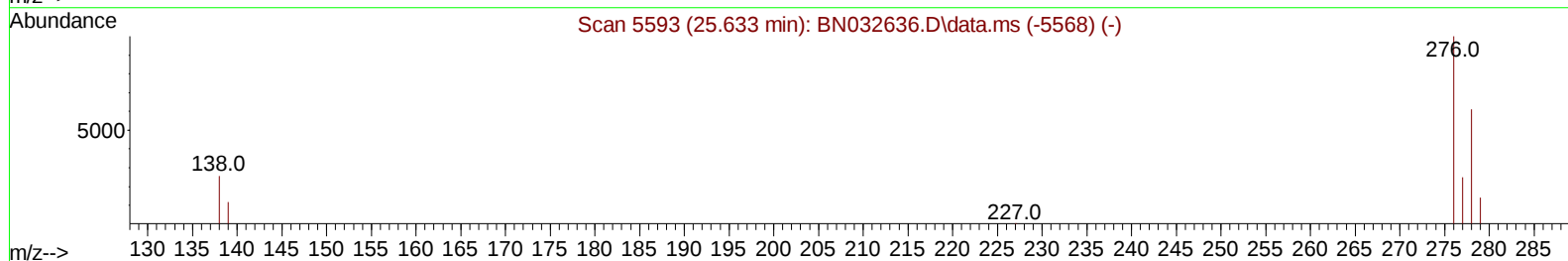
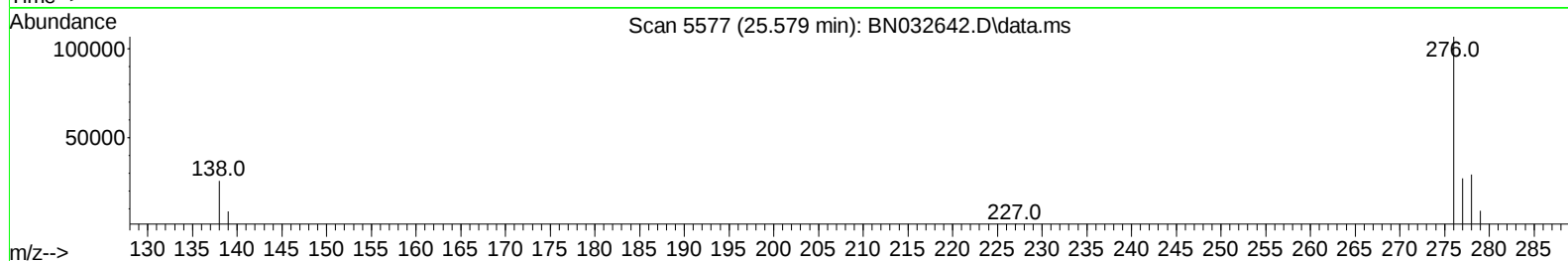
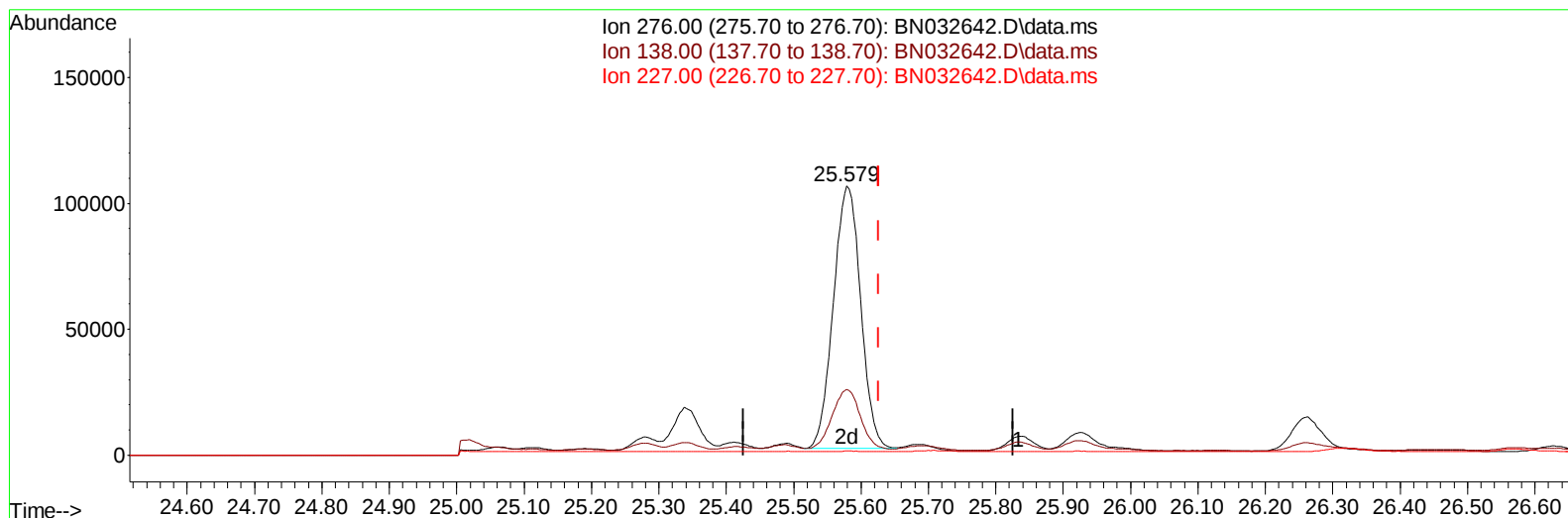
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032642.D\data.ms

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

25.579min (-0.047) 3.99 ng/u1 m

response 293521

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.08#
227.00	0.00	0.04#
0.00	0.00	0.00

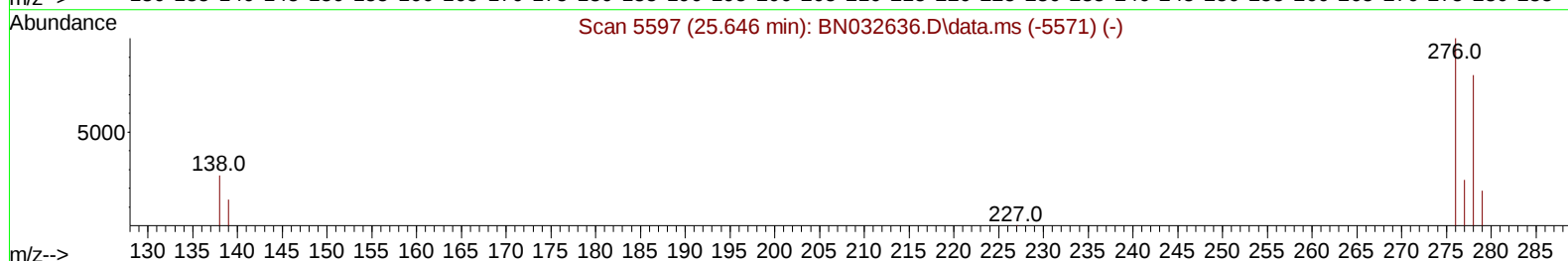
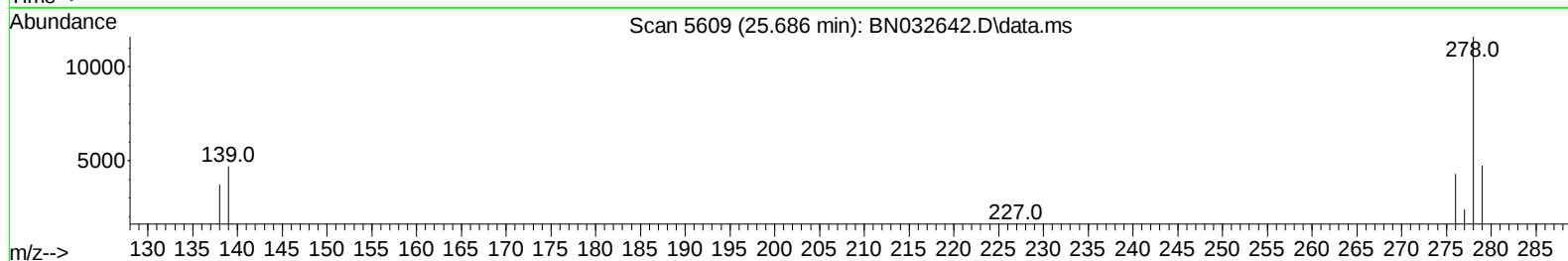
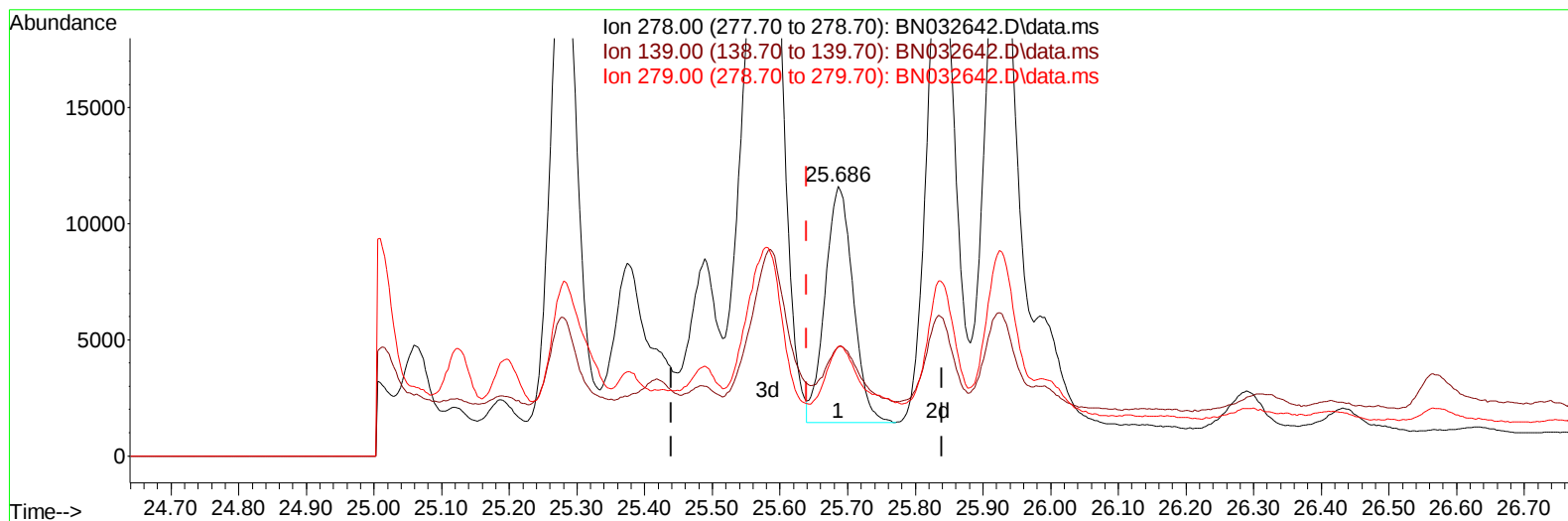
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032642.D\data.ms

(28) Dibenzo(a,h)anthracene

25.686min (+ 0.047) 0.51 ng/u1

response 29198

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	40.45#
279.00	29.60	40.75#
0.00	0.00	0.00

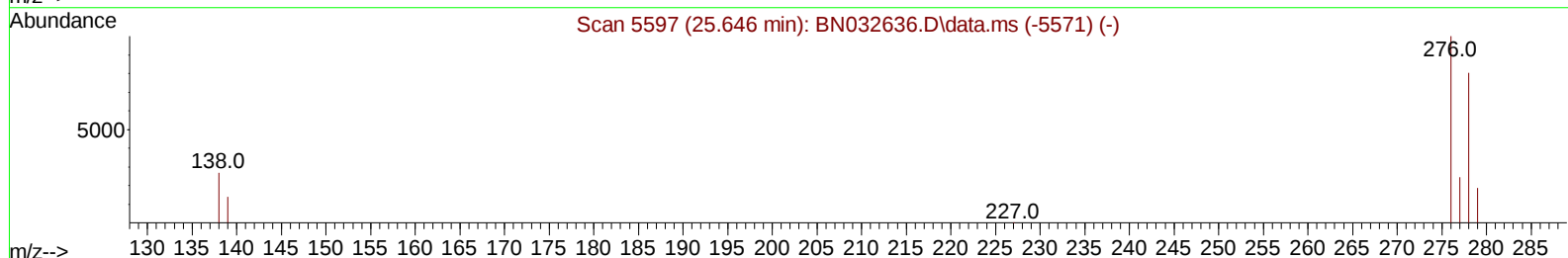
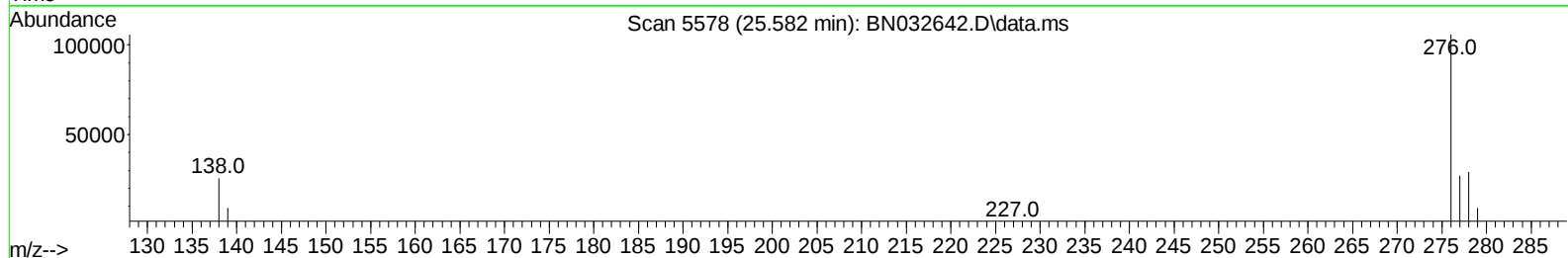
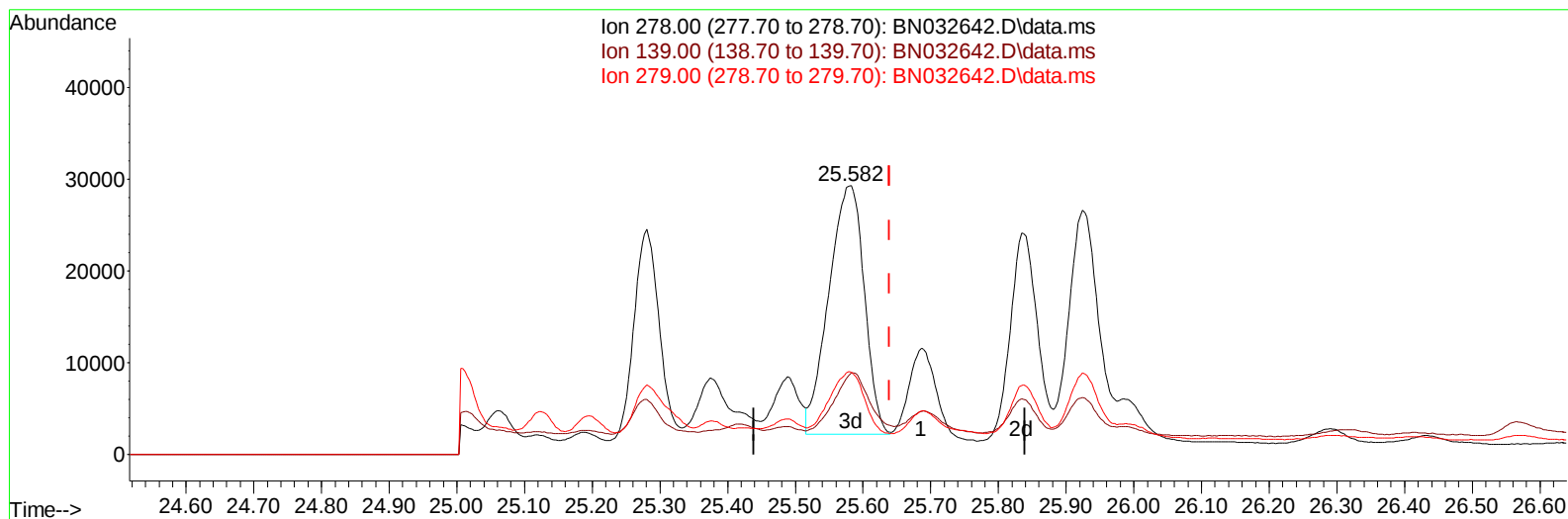
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032642.D\data.ms

(28) Dibenzo(a,h)anthracene

25.582min (-0.057) 1.73 ng/u1 m

response 98722

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	30.20#
279.00	29.60	30.65
0.00	0.00	0.00

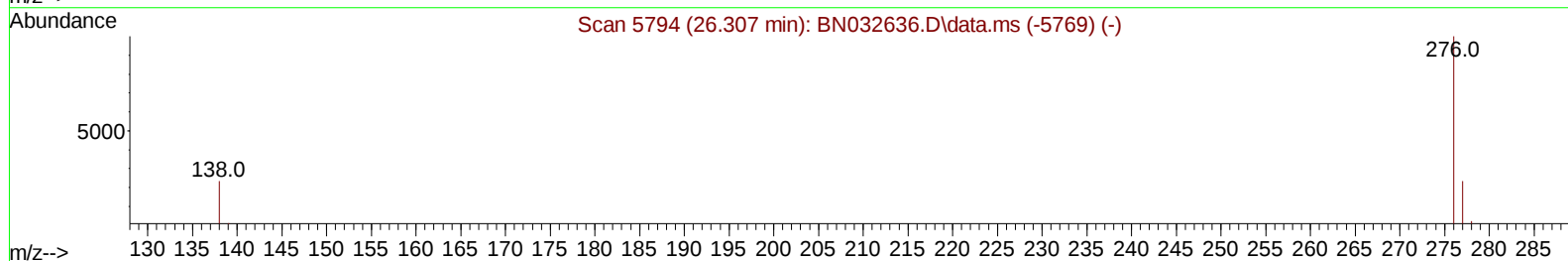
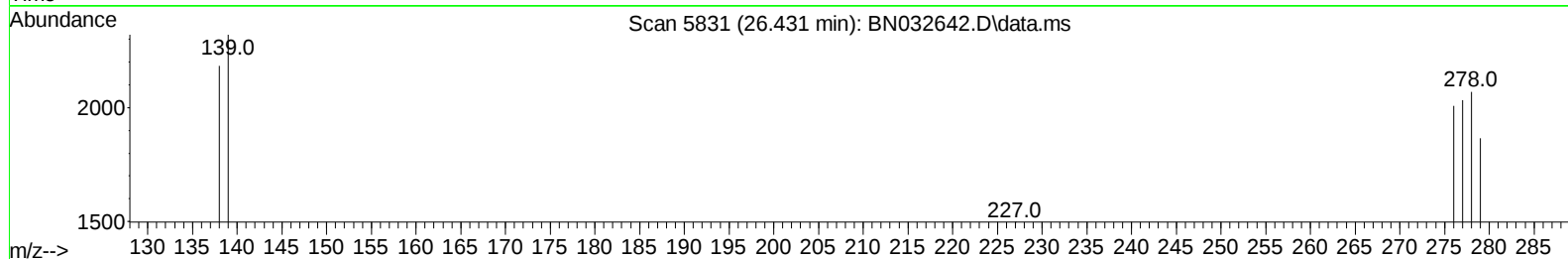
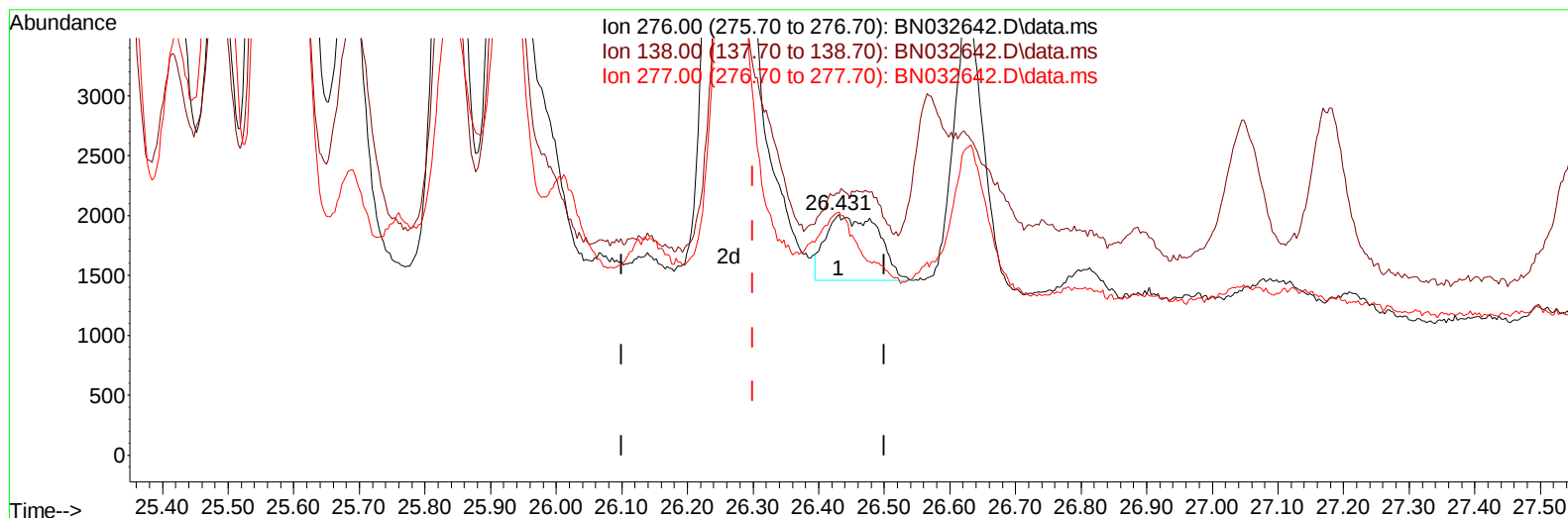
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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TIC: BN032642.D\data.ms

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

26.431min (+ 0.131) 0.05 ng/u1

response 3025

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	108.76#
277.00	25.80	101.20#
0.00	0.00	0.00

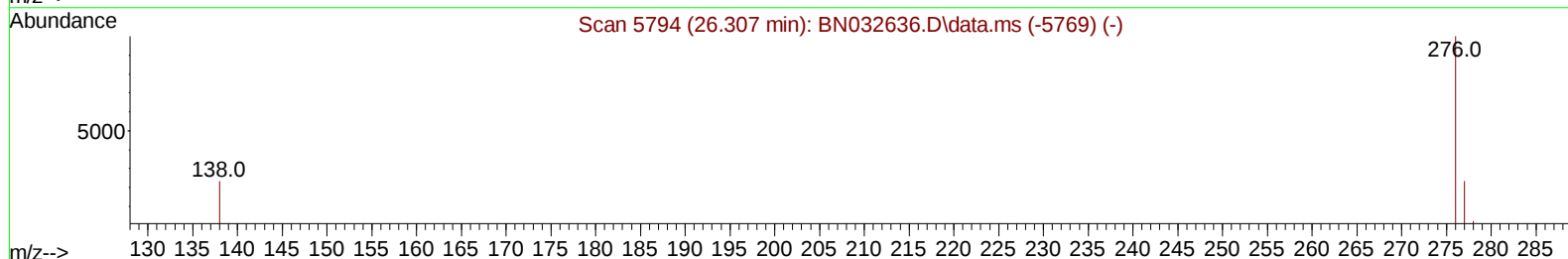
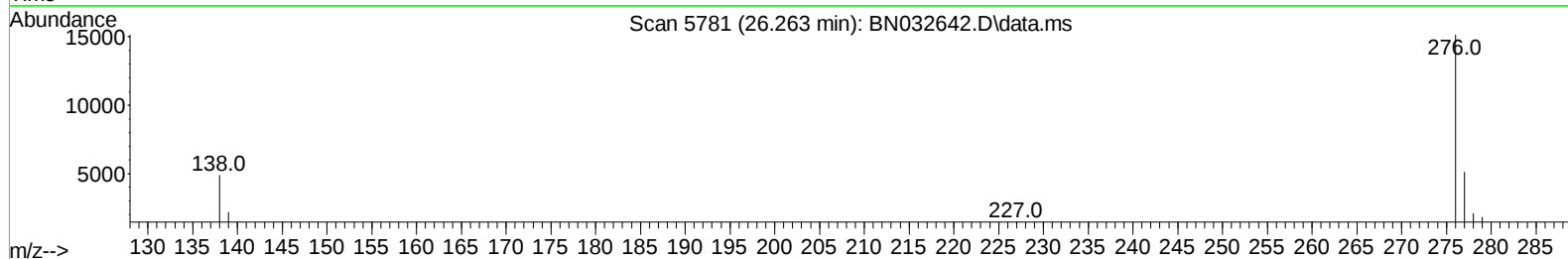
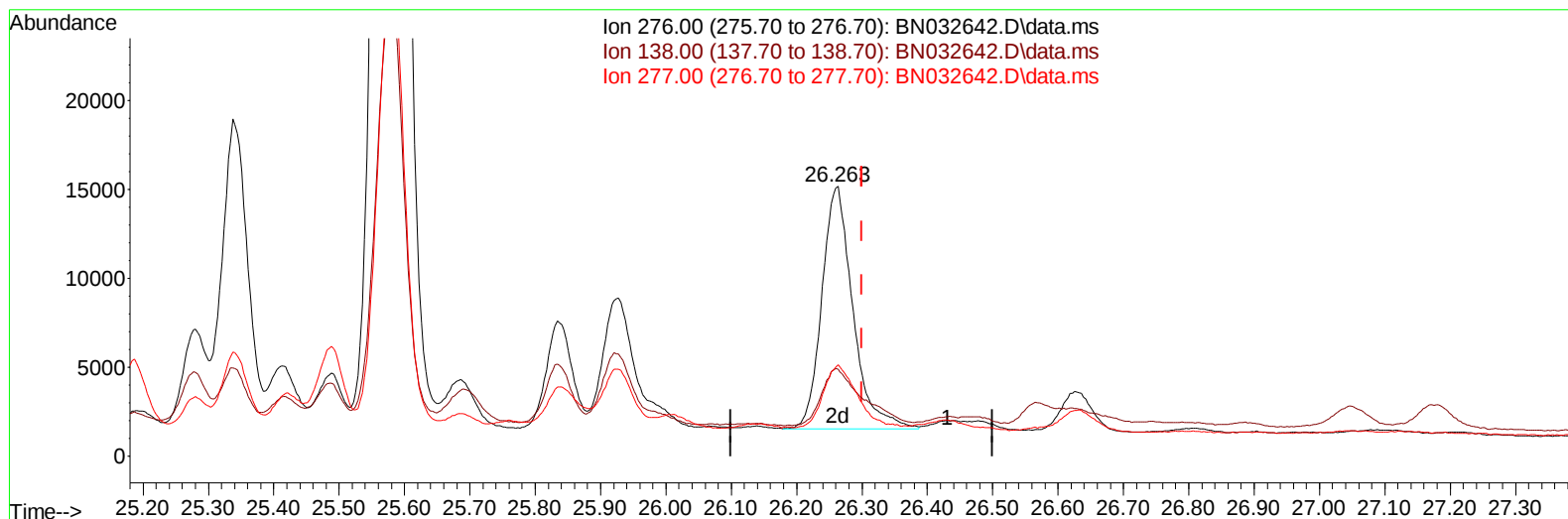
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:50 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: BN032642.D\data.ms

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

26.263min (-0.037) 0.73 ng/ul m

response 45147

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	32.27#
277.00	25.80	33.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Manual IntegrationsAPPROVED

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

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 QLast Update : Fri Jul 12 01:40:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7496	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23900	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13558	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	24420m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	14640m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17797m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33484	3.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	10828	0.300	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	16325m	0.342	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	26738	0.417	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	9322	0.233	ng/ul	96
8) 1-Methylnaphthalene	12.224	142	6377	0.154	ng/ul	99
10) Acenaphthylene	13.924	152	38766	0.708	ng/ul	100
11) Acenaphthene	14.267	153	19000	0.419	ng/ul	99
12) Fluorene	15.261	166	21891	0.423	ng/ul	98
15) Phenanthrene	17.003	178	470549m	7.075	ng/ul	
16) Anthracene	17.096	178	82671m	1.522	ng/ul	
19) Fluoranthene	19.031	202	1024534m	17.212	ng/ul	
20) Pyrene	19.398	202	721110m	11.704	ng/ul	
21) Benzo(a)anthracene	21.156	228	427870m	9.182	ng/ul	
22) Chrysene	21.208	228	536496m	7.958	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	760046m	12.104	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	297983m	3.894	ng/ul	
26) Benzo(a)pyrene	23.275	252	276139m	5.082	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	293521m	3.989	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	98722m	1.731	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	45147m	0.734	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
Acq On : 11 Jul 2024 18:57
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/16/2024

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