

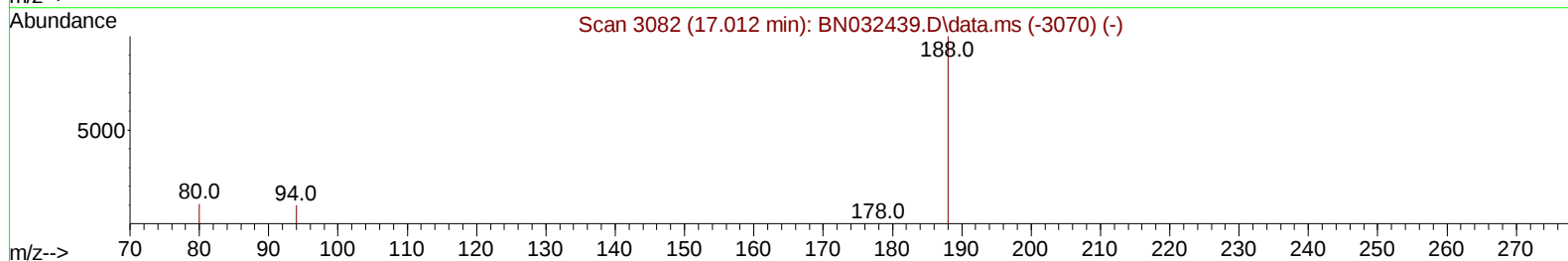
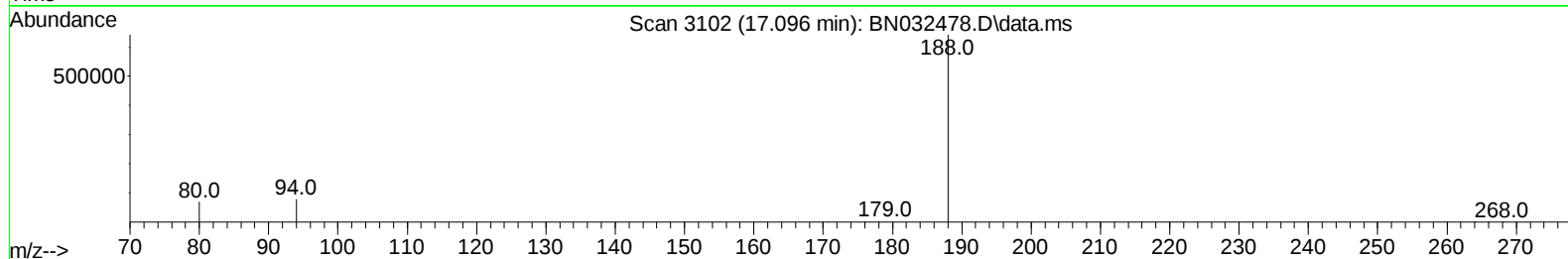
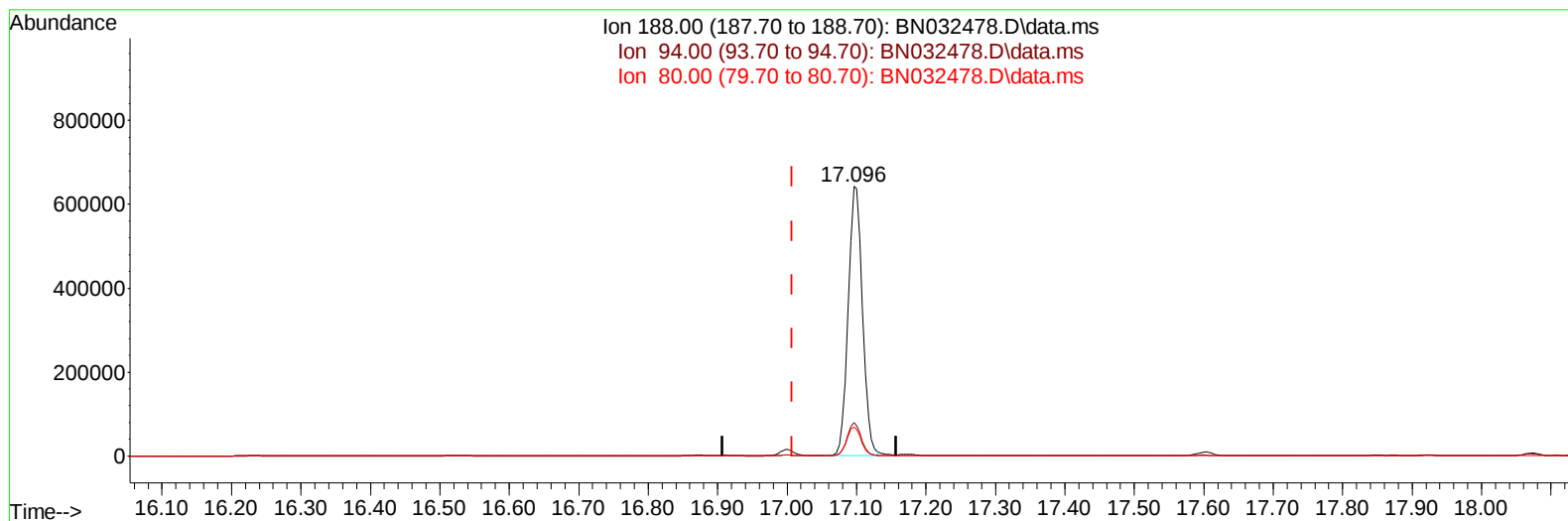
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(13) Phenanthrene-d10 (I)

17.096min (+ 0.089) 0.40 ng/u1

response 919664

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.29#
80.00	10.50	10.85
0.00	0.00	0.00

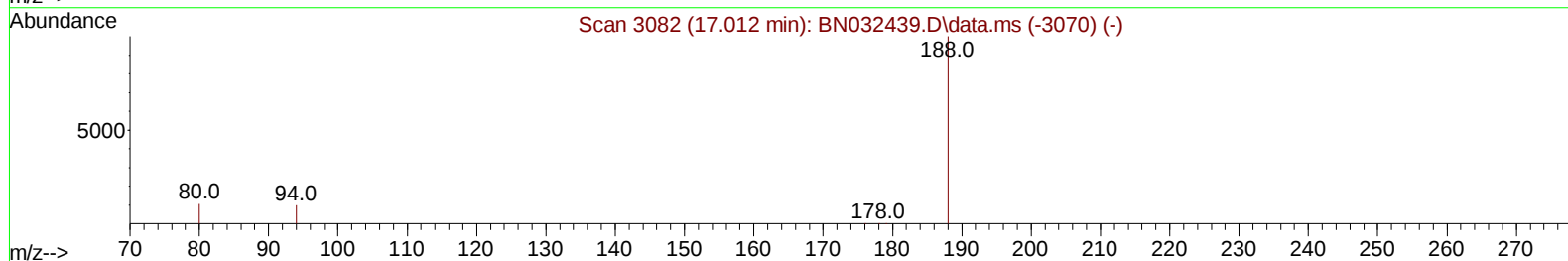
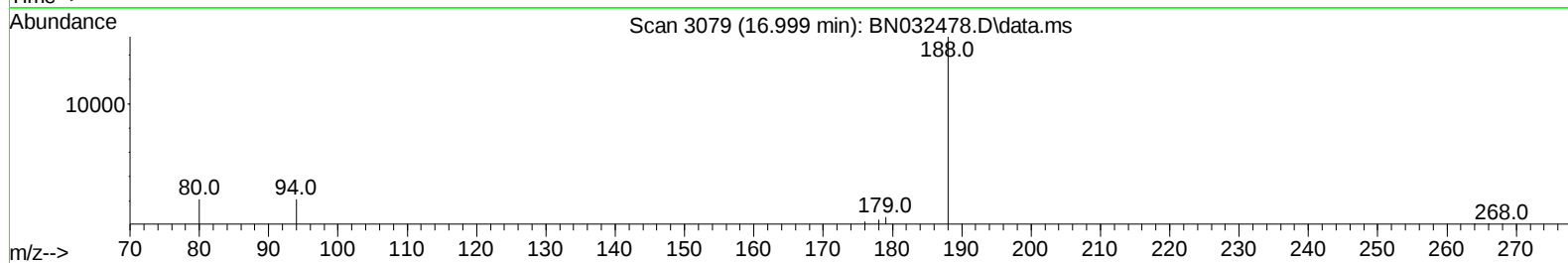
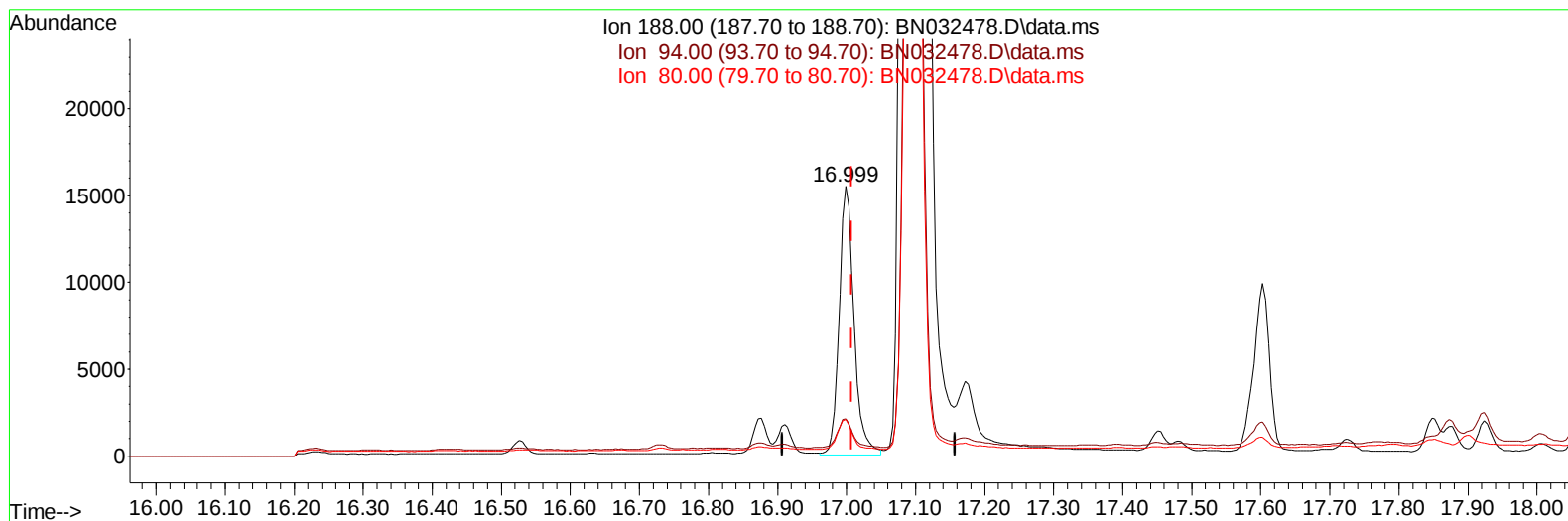
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032478.D
 Acq On : 04 Jul 2024 17:33
 Operator : MA/JU
 Sample : P2964-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.009) 0.40 ng/ul m

response 23052

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.70#
80.00	10.50	13.60#
0.00	0.00	0.00

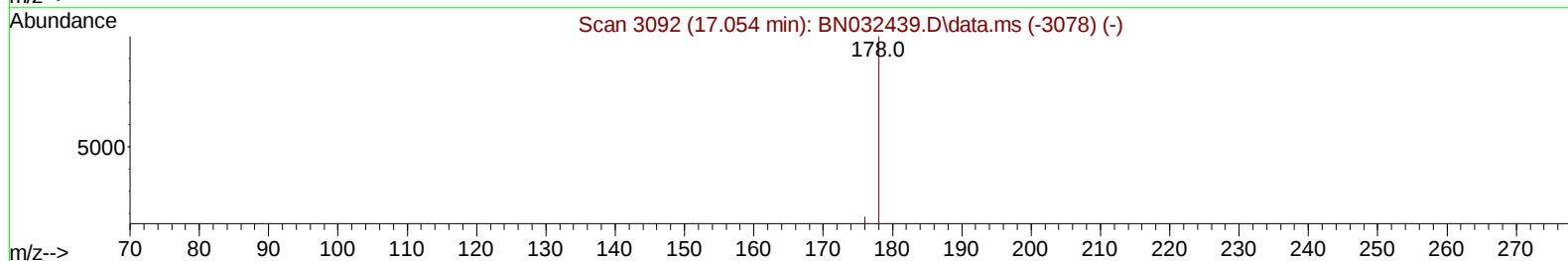
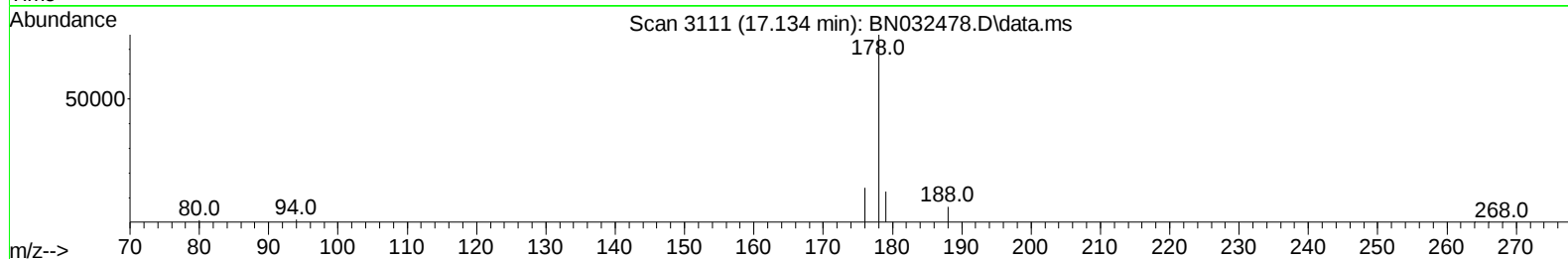
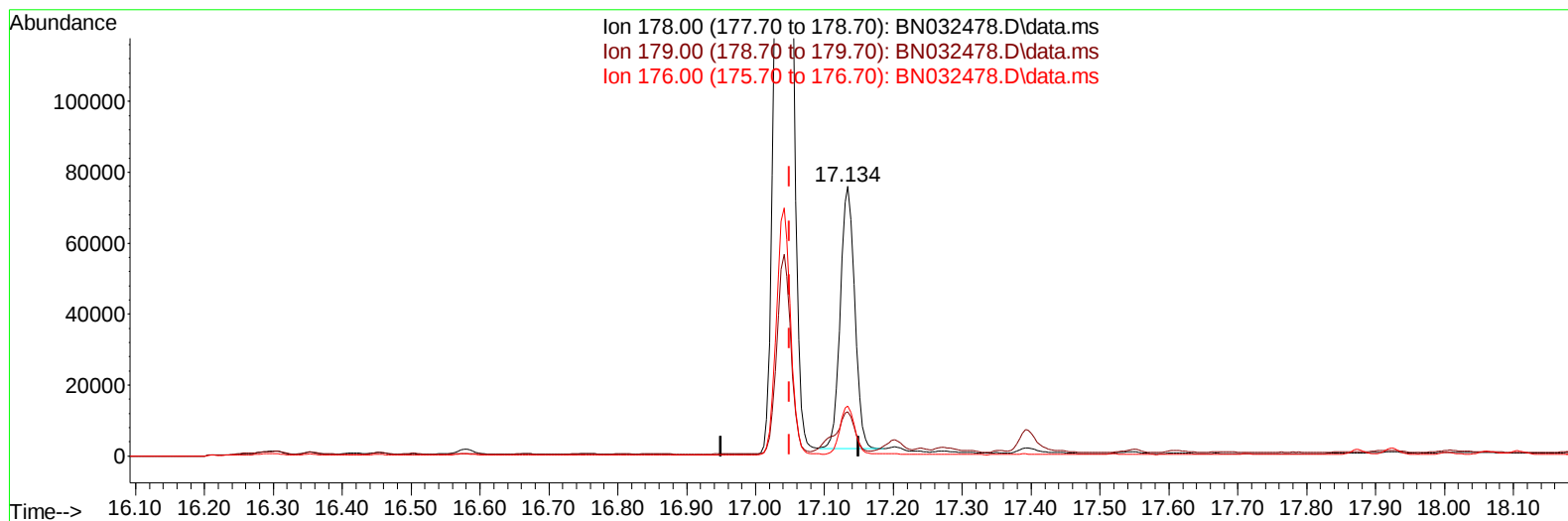
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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TIC: BN032478.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 1.70 ng/u1

response 107206

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.43
176.00	19.50	18.54
0.00	0.00	0.00

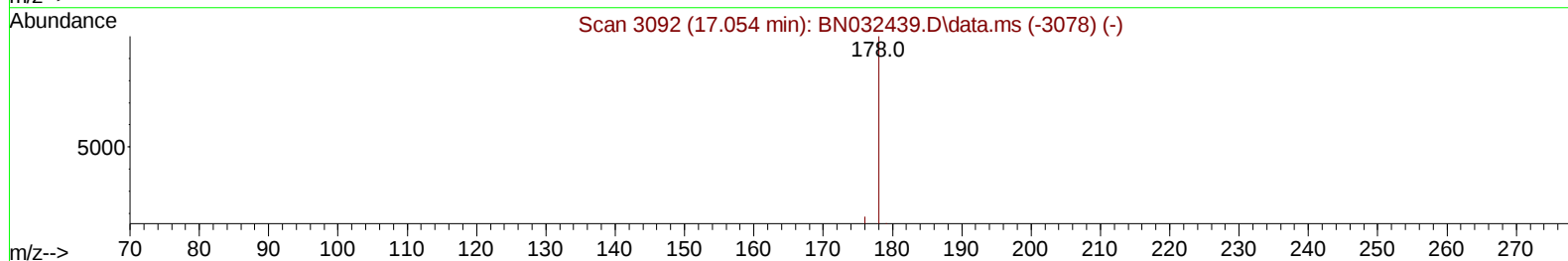
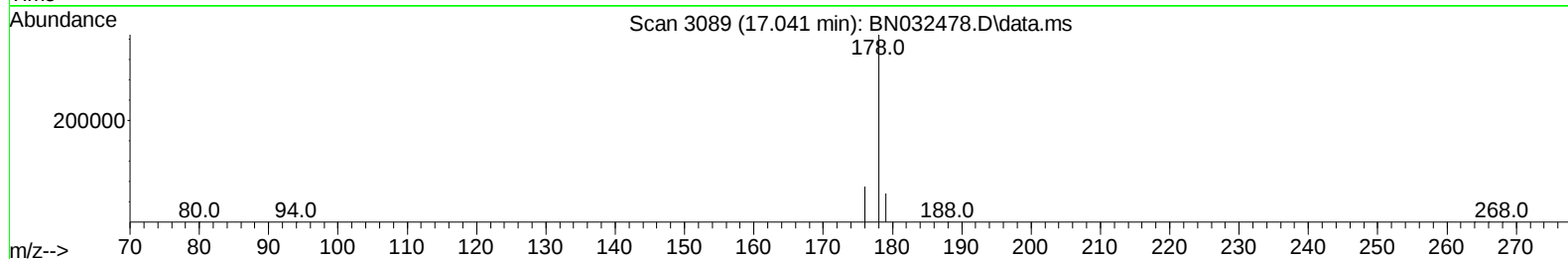
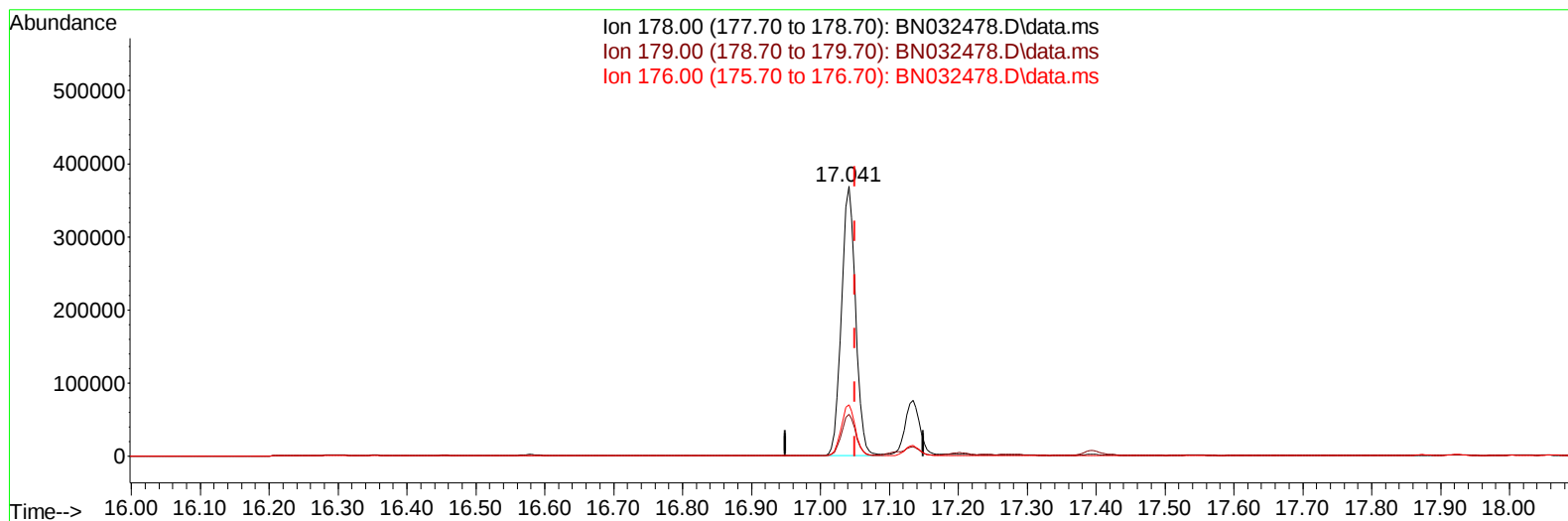
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(15) Phenanthrene

17.041min (-0.009) 8.37 ng/ul m

response 528782

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.45
176.00	19.50	18.97
0.00	0.00	0.00

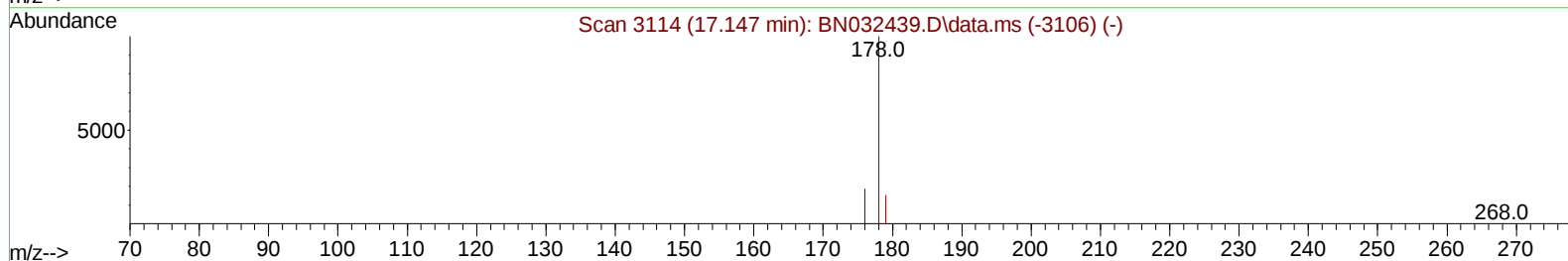
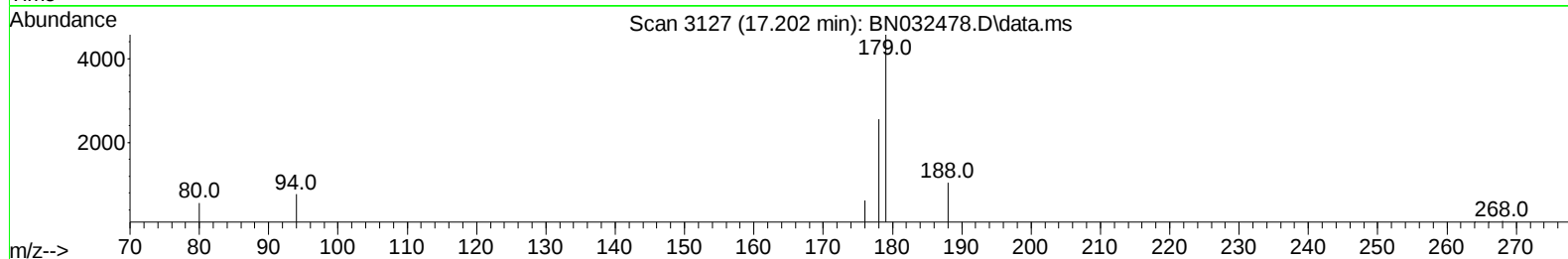
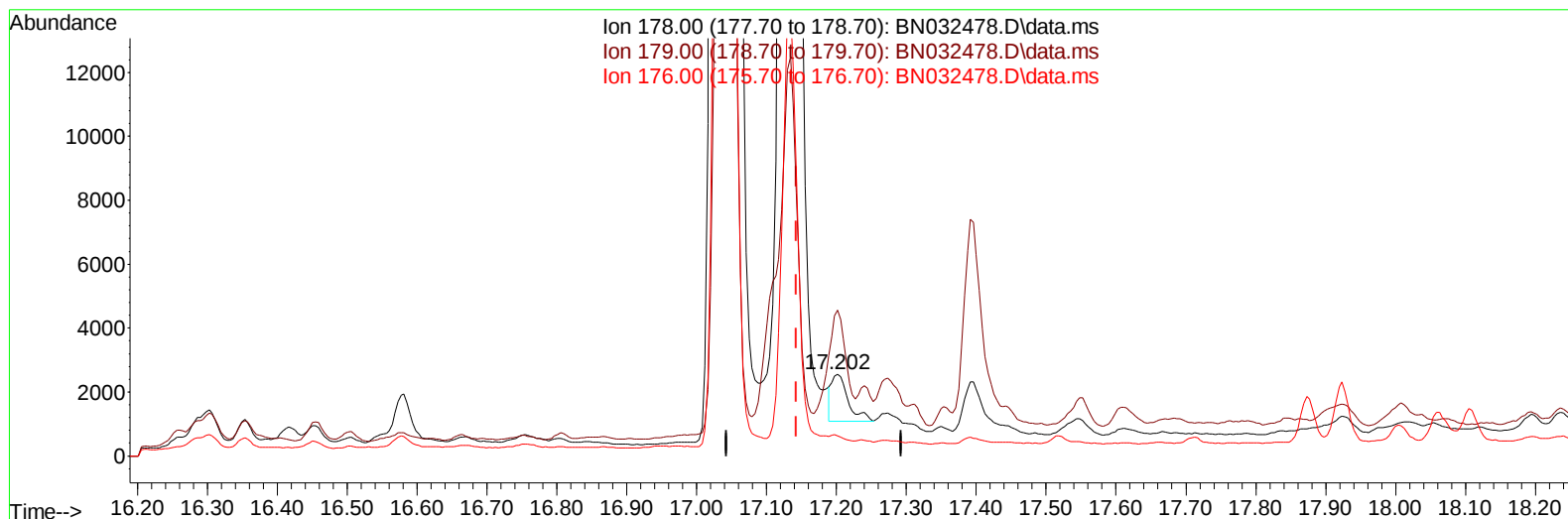
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(16) Anthracene

17.202min (+ 0.059) 0.04 ng/u1

response 2392

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	178.23#
176.00	18.80	24.27#
0.00	0.00	0.00

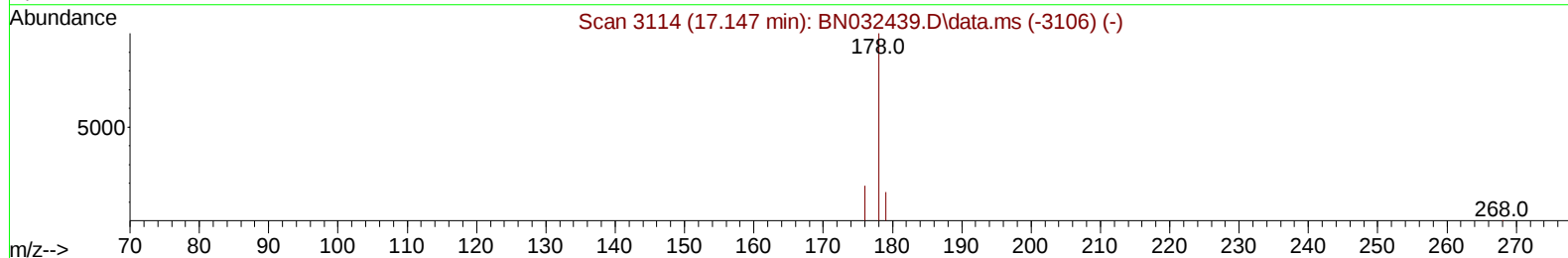
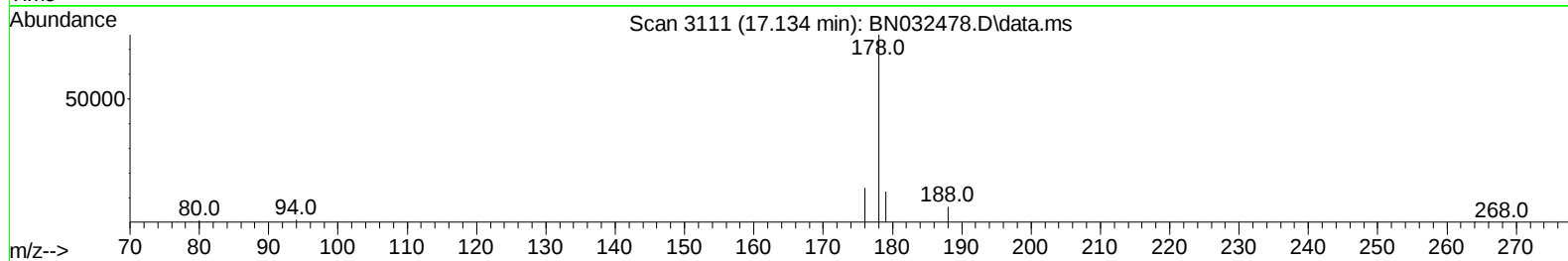
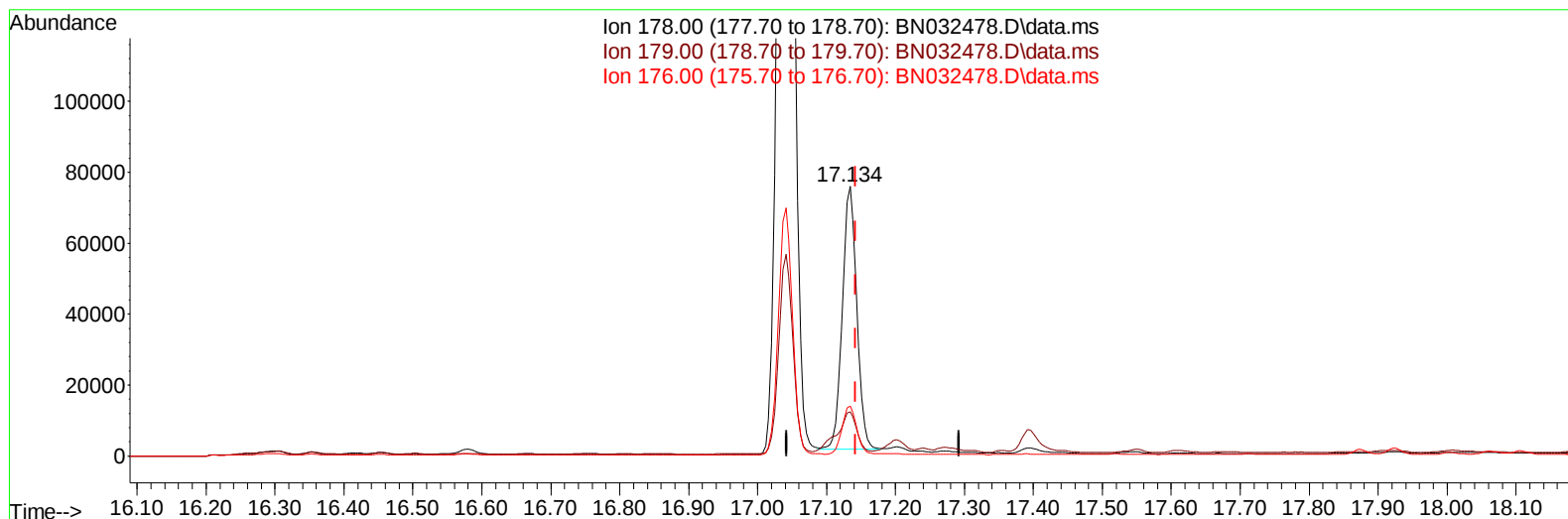
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(16) Anthracene

17.134min (-0.009) 1.92 ng/ul m

response 107961

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.43
176.00	18.80	18.54
0.00	0.00	0.00

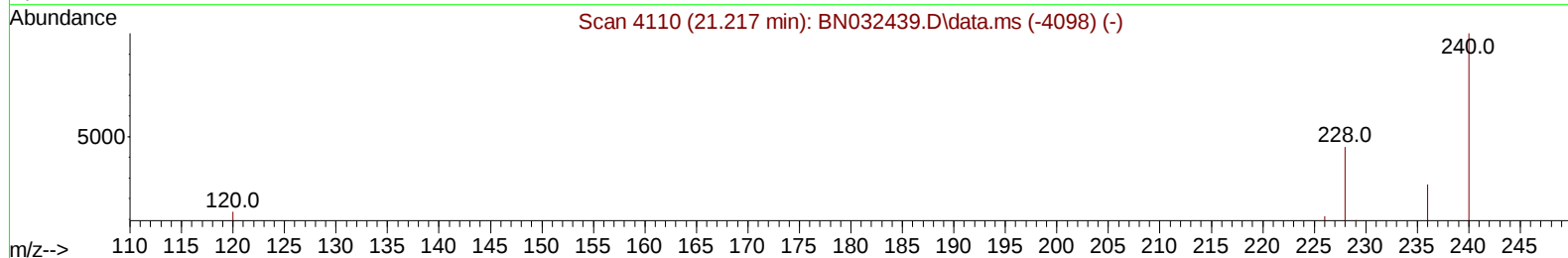
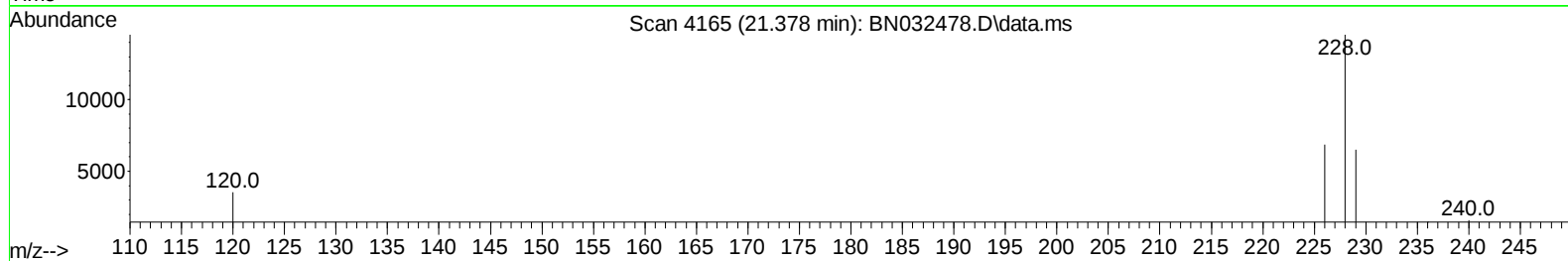
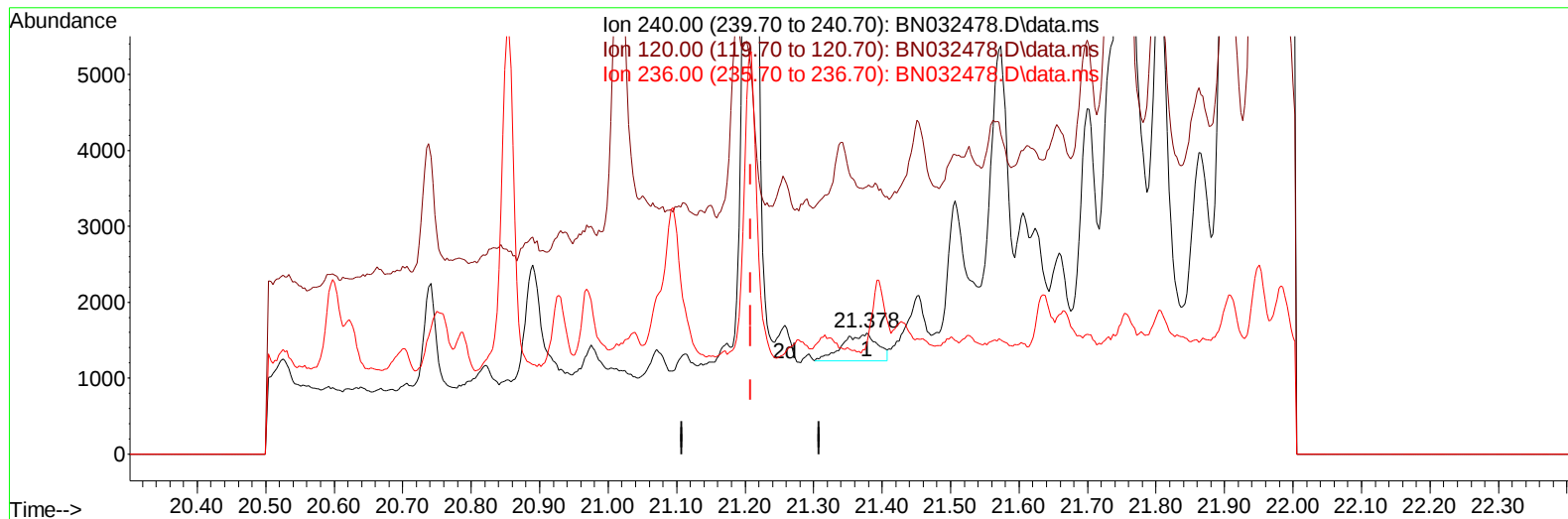
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(17) Chrysene-d12

21.378min (+ 0.169) 0.40 ng/u1

response 1291

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	220.56#
236.00	28.40	91.03#
0.00	0.00	0.00

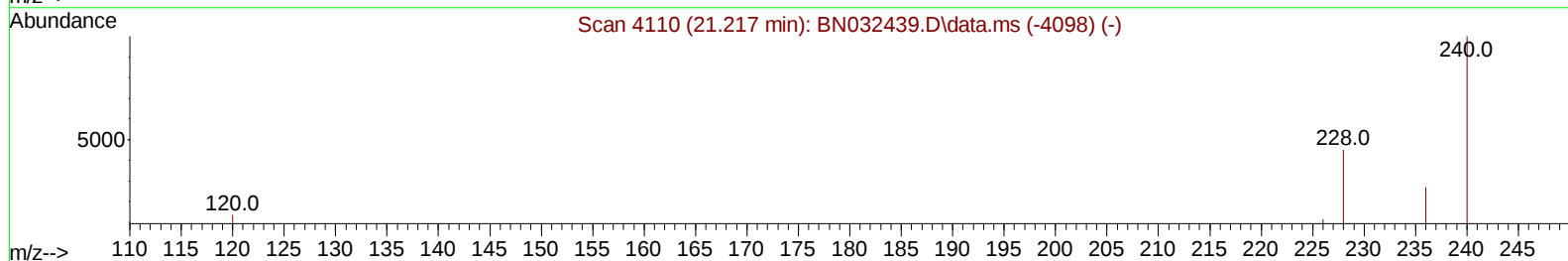
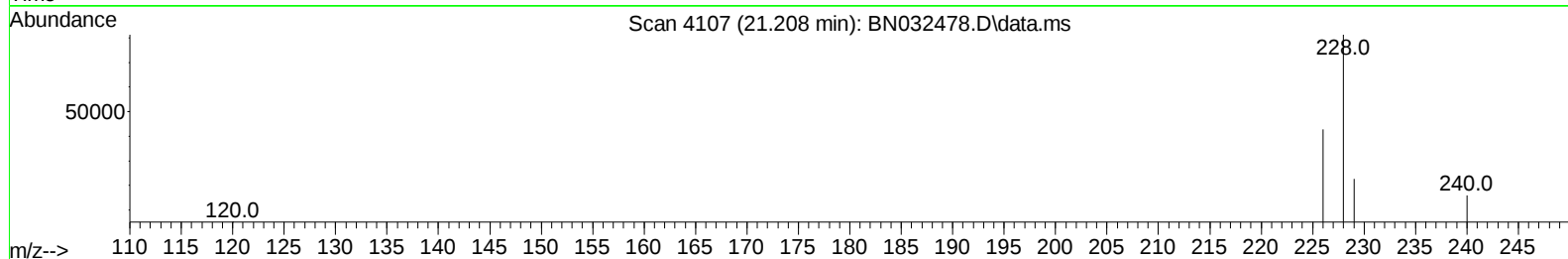
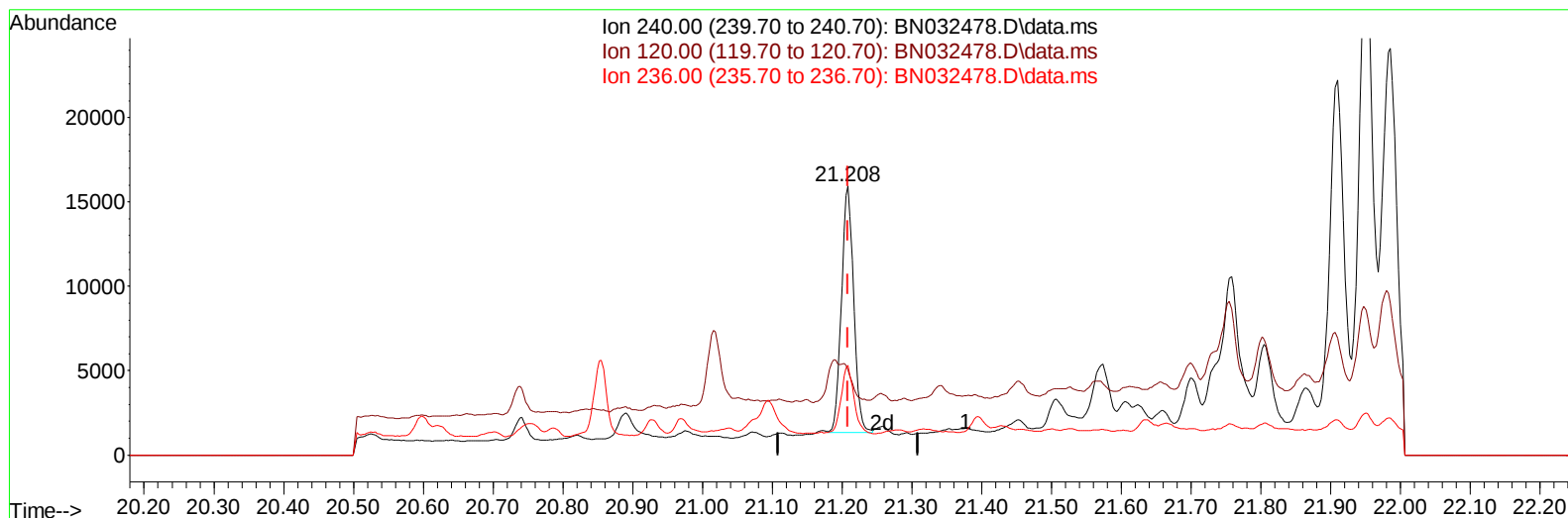
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(17) Chrysene-d12

21.208min (-0.000) 0.40 ng/ul m

response 17684

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	31.70#
236.00	28.40	33.28
0.00	0.00	0.00

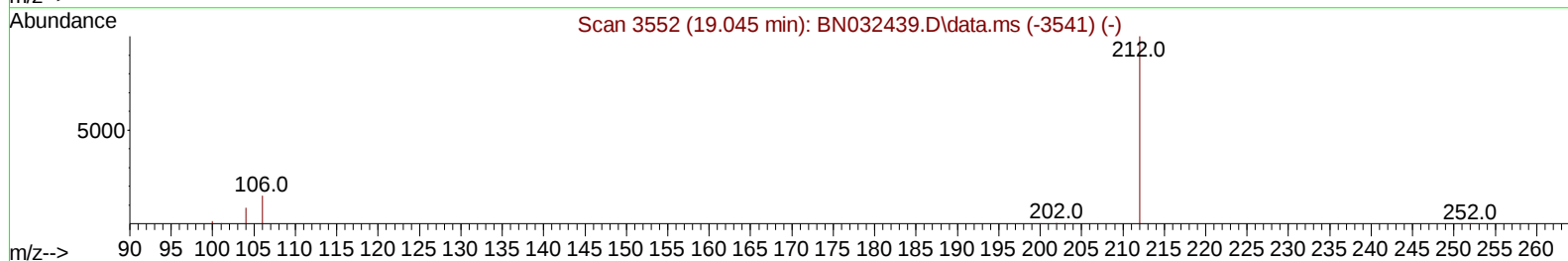
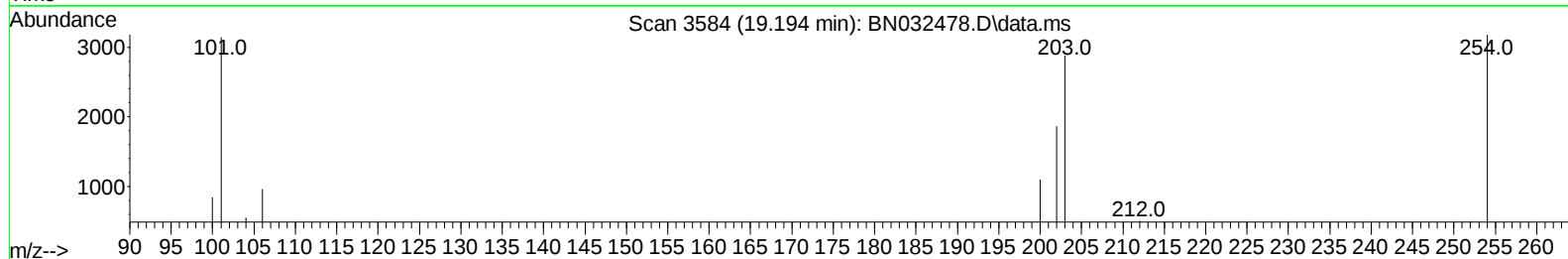
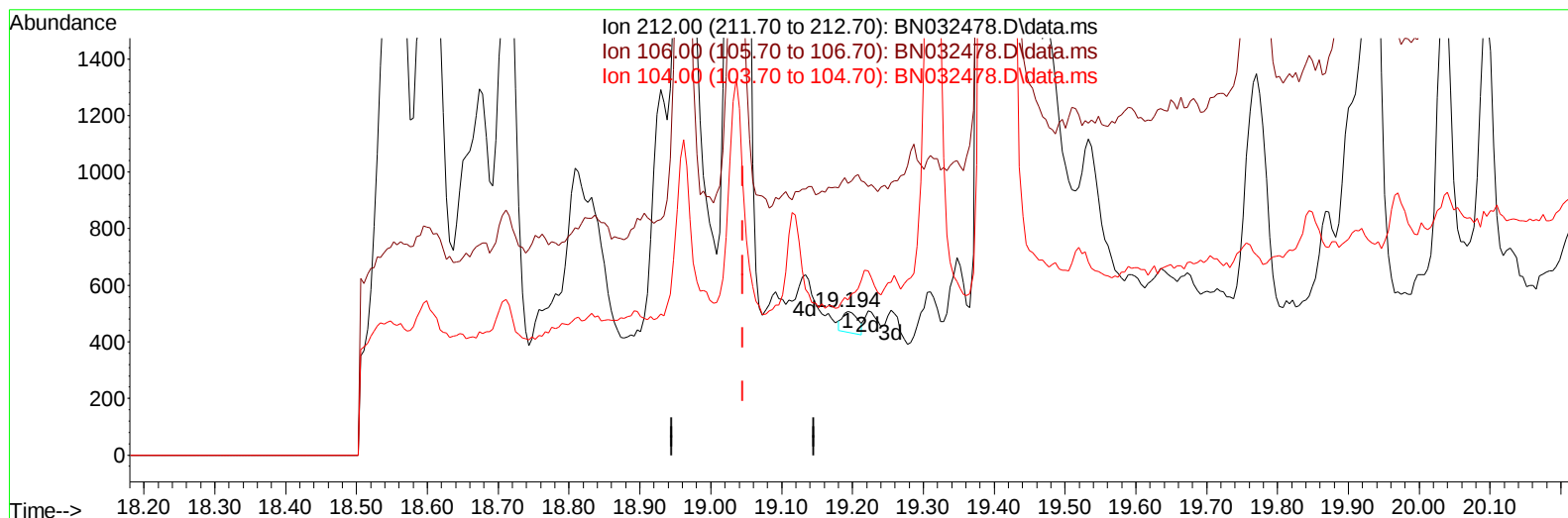
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
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QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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TIC: BN032478.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.194min (+ 0.149) 0.00 ng/u1

response 111

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	76.58#
104.00	8.40	0.00#
0.00	0.00	0.00

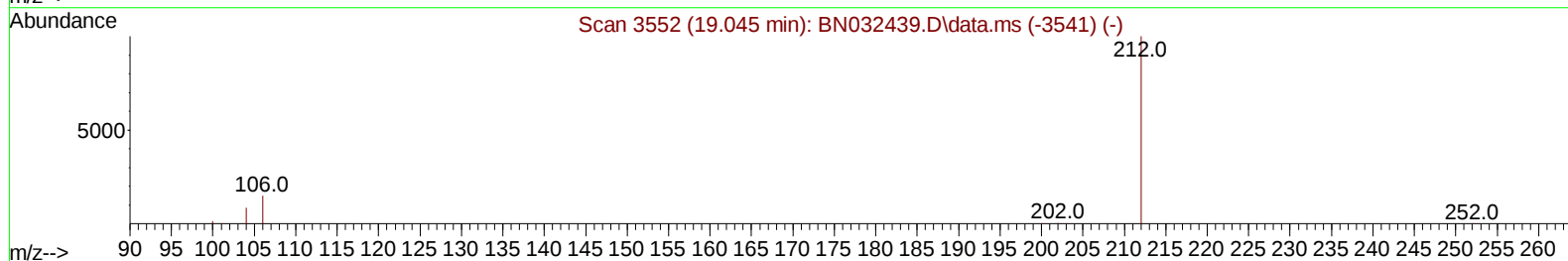
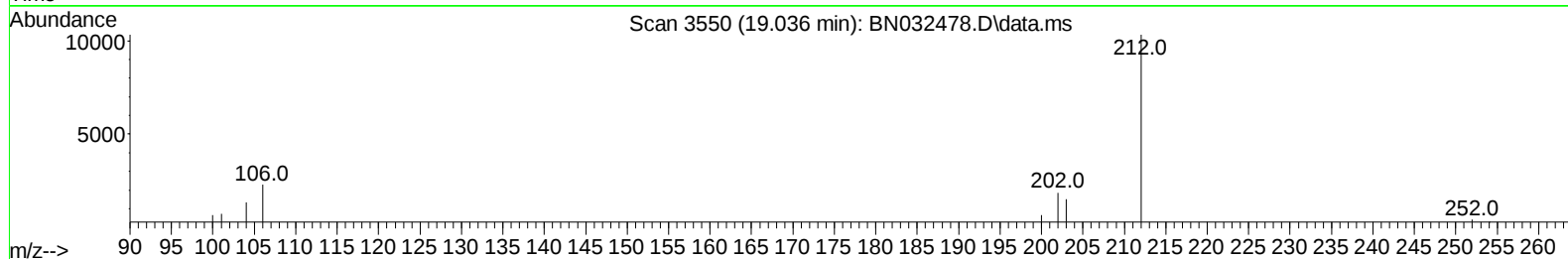
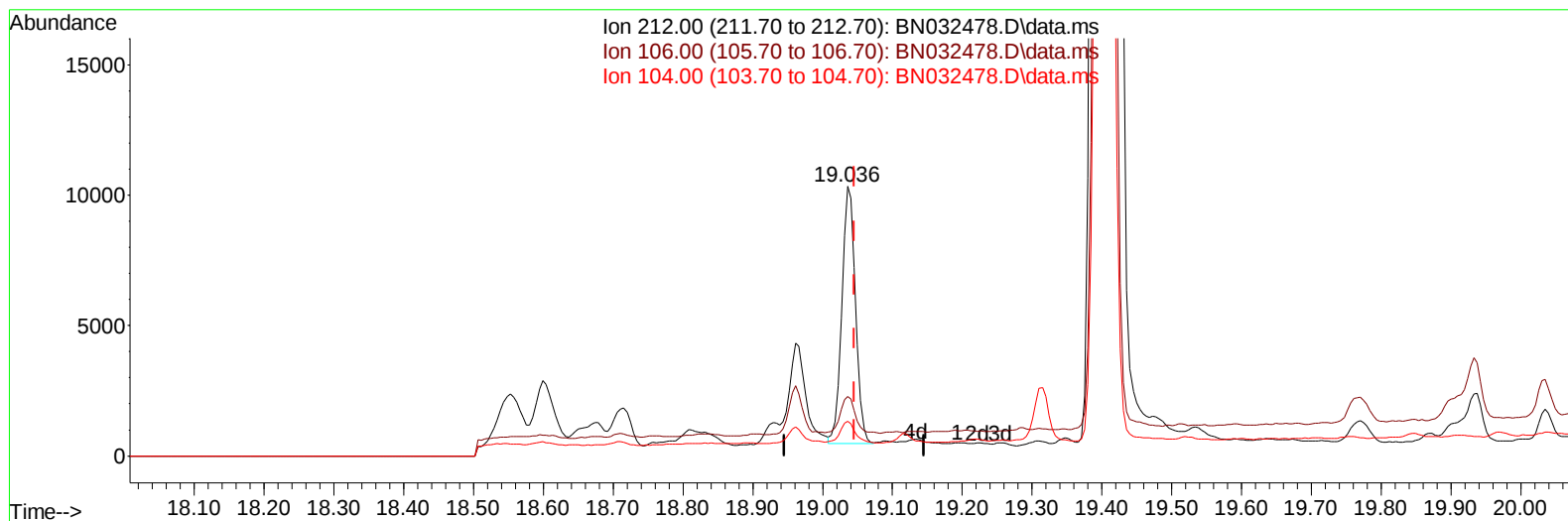
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.036min (-0.009) 0.25 ng/ul m

response 13469

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.63#
104.00	8.40	0.00#
0.00	0.00	0.00

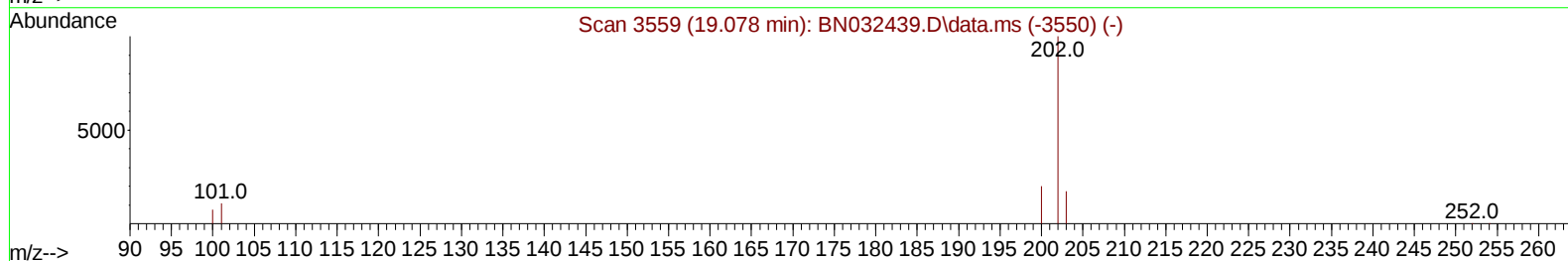
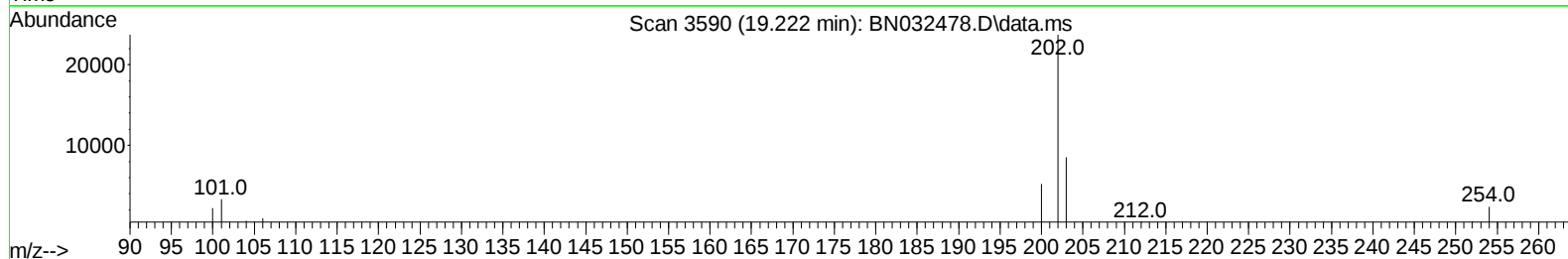
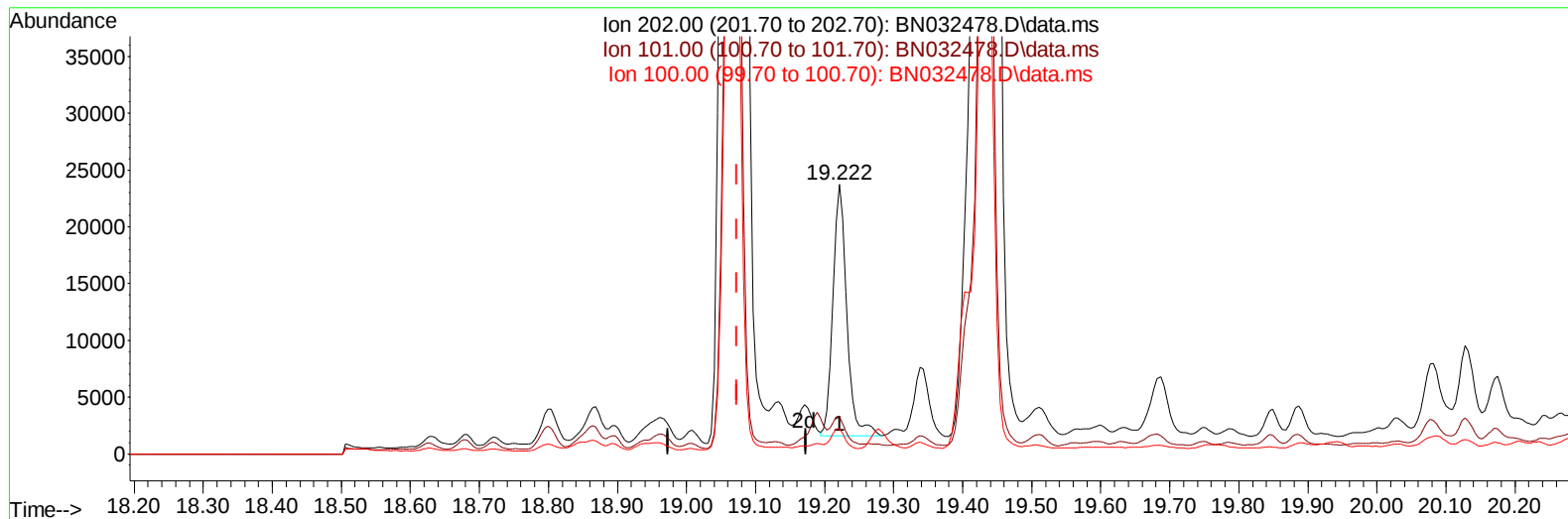
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.46 ng/u1

response 30745

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.84#
100.00	8.00	9.45
0.00	0.00	0.00

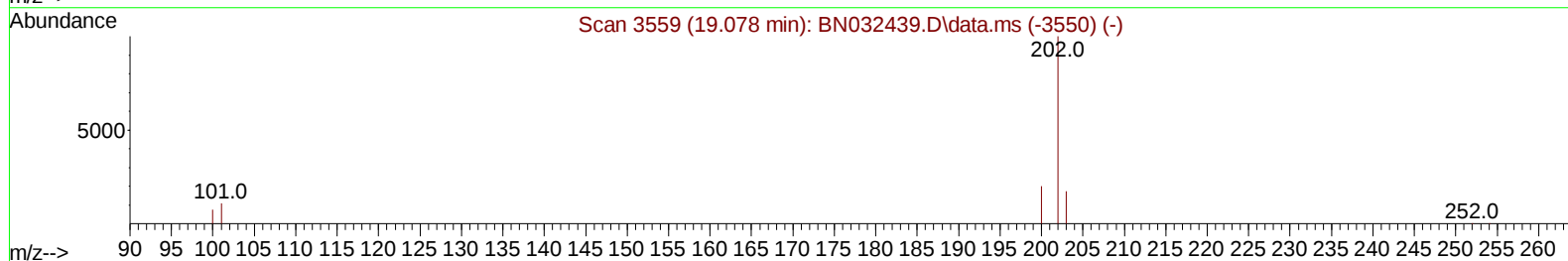
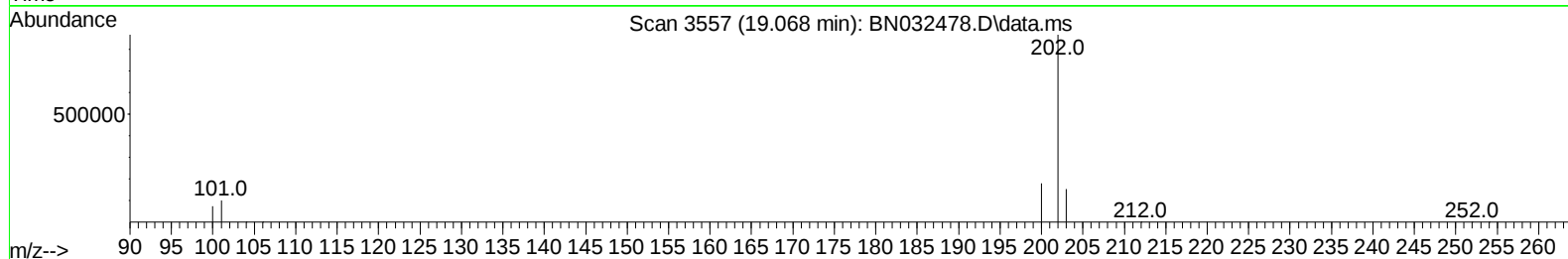
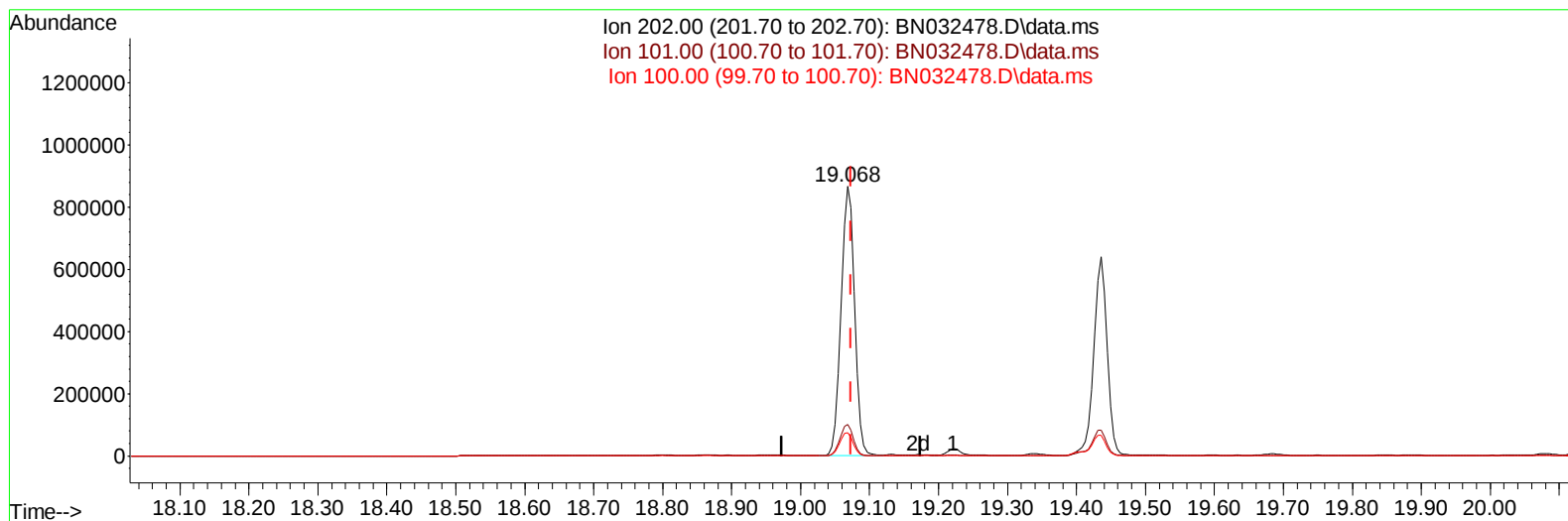
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(19) Fluoranthene (C)

19.068min (-0.005) 17.67 ng/ul m

response 1190031

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.59
100.00	8.00	8.65
0.00	0.00	0.00

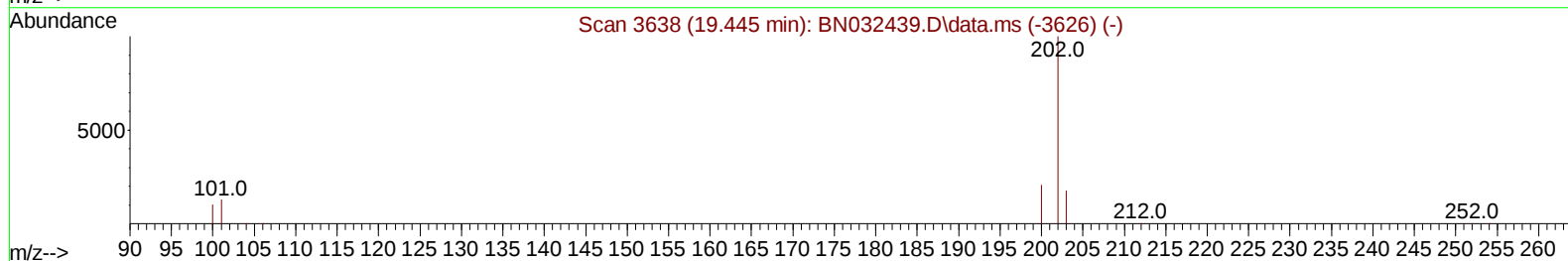
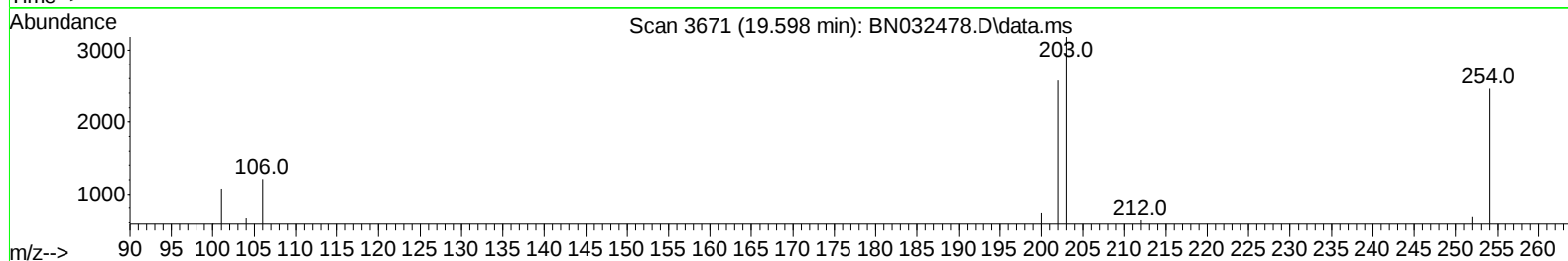
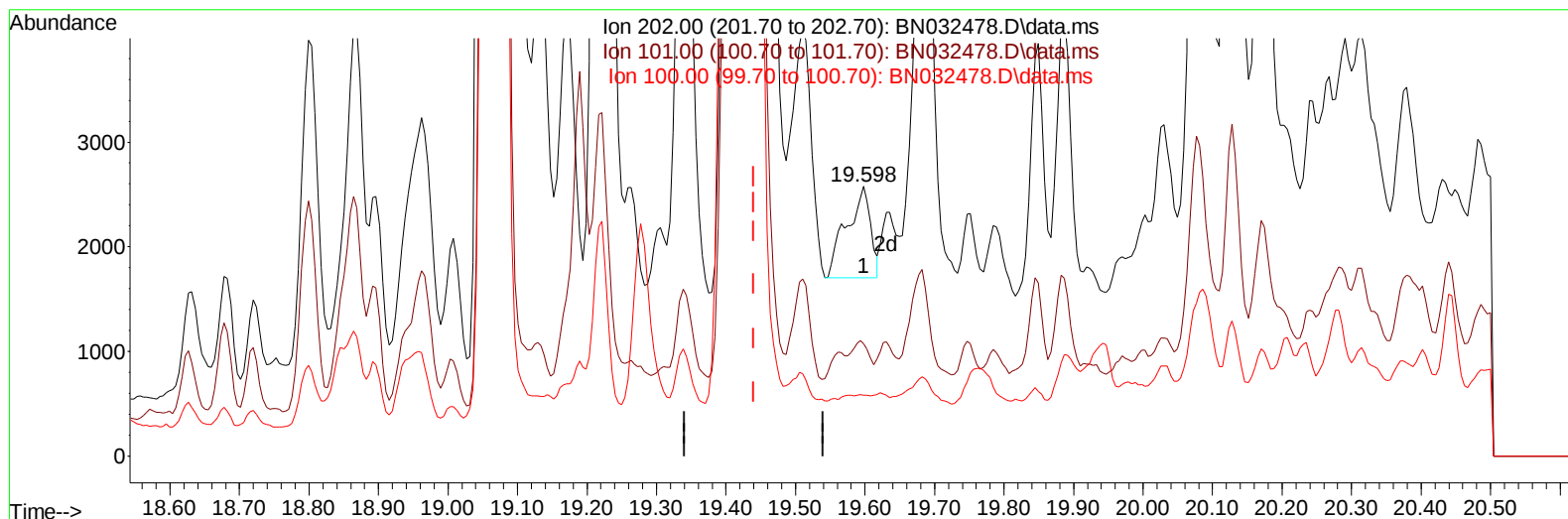
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(20) Pyrene

19.598min (+ 0.158) 0.03 ng/u1

response 2056

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	41.69#
100.00	10.90	22.63#
0.00	0.00	0.00

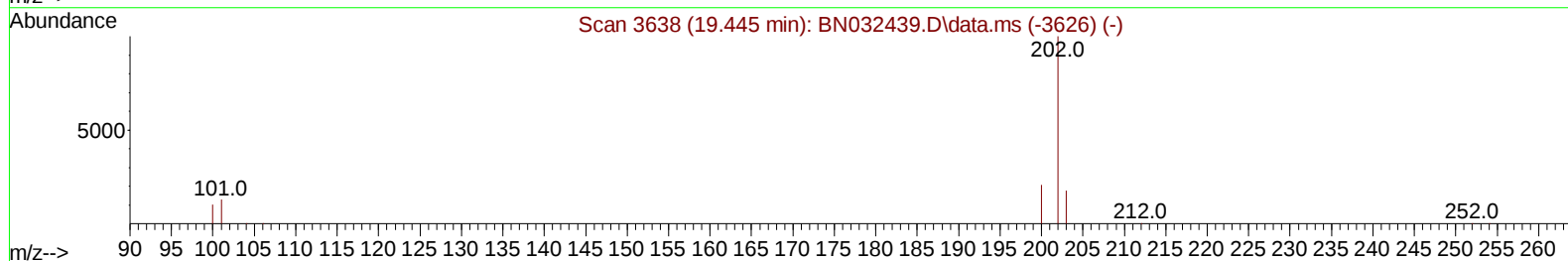
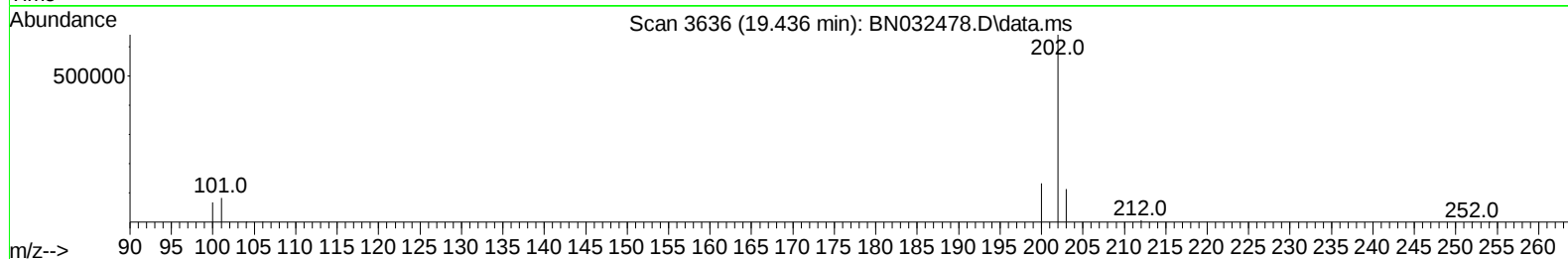
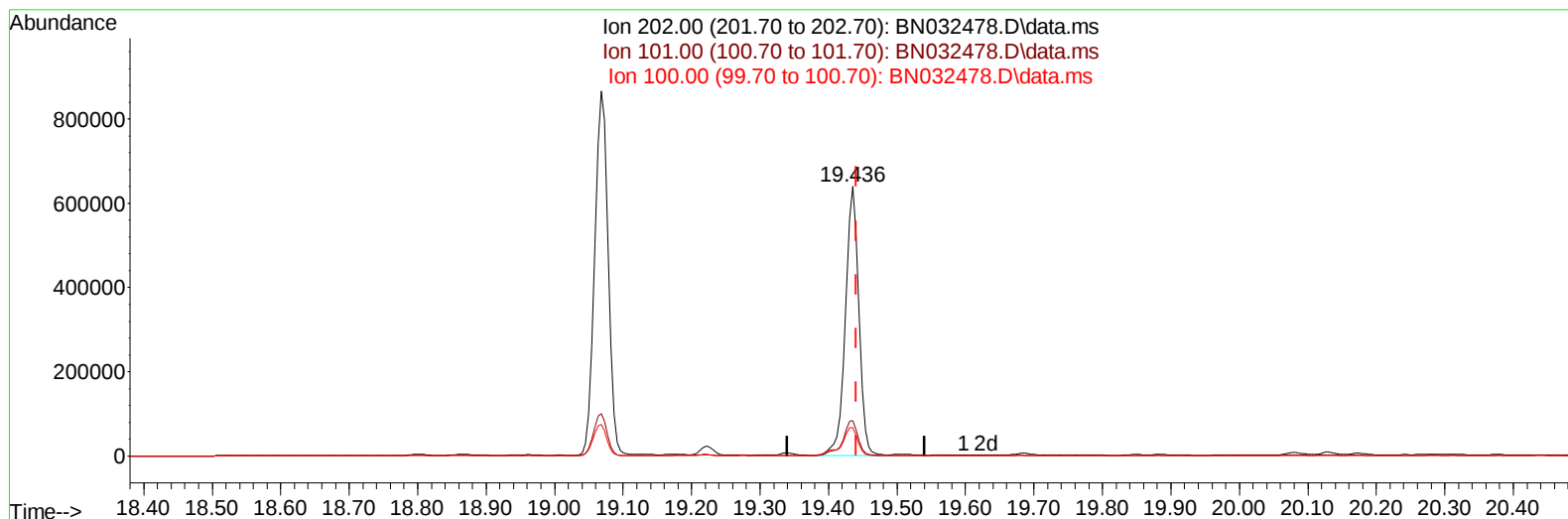
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(20) Pyrene

19.436min (-0.005) 12.40 ng/ul m

response 872613

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.03
100.00	10.90	10.43
0.00	0.00	0.00

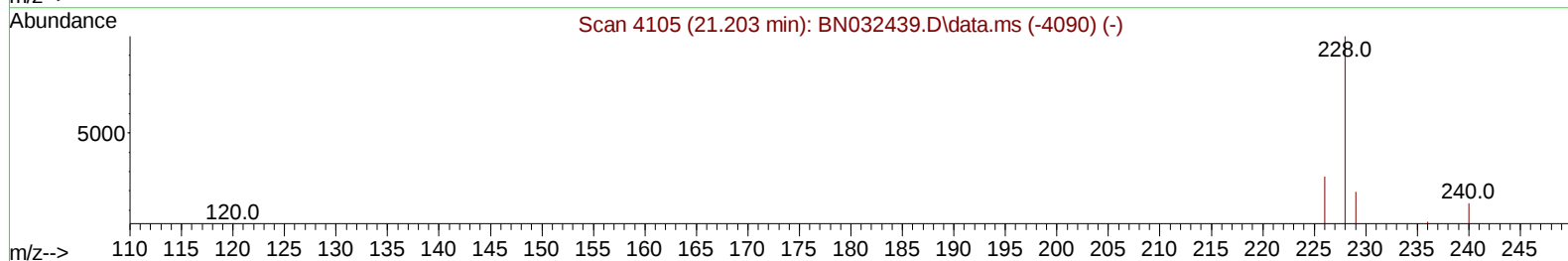
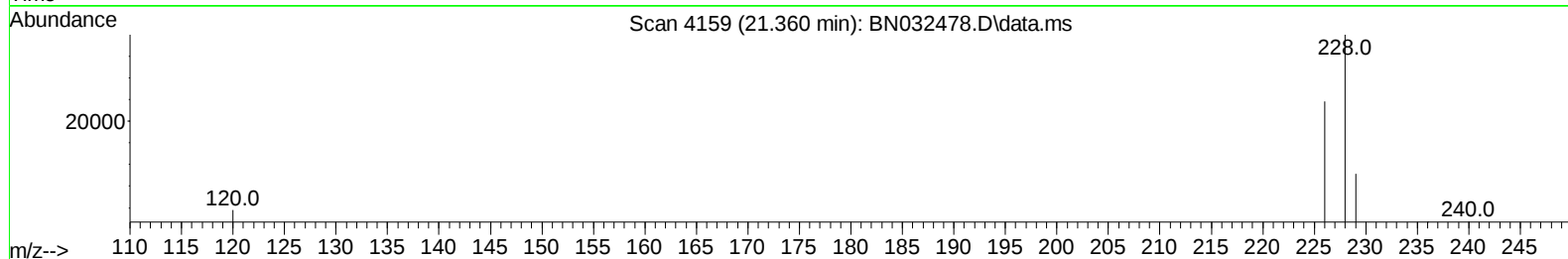
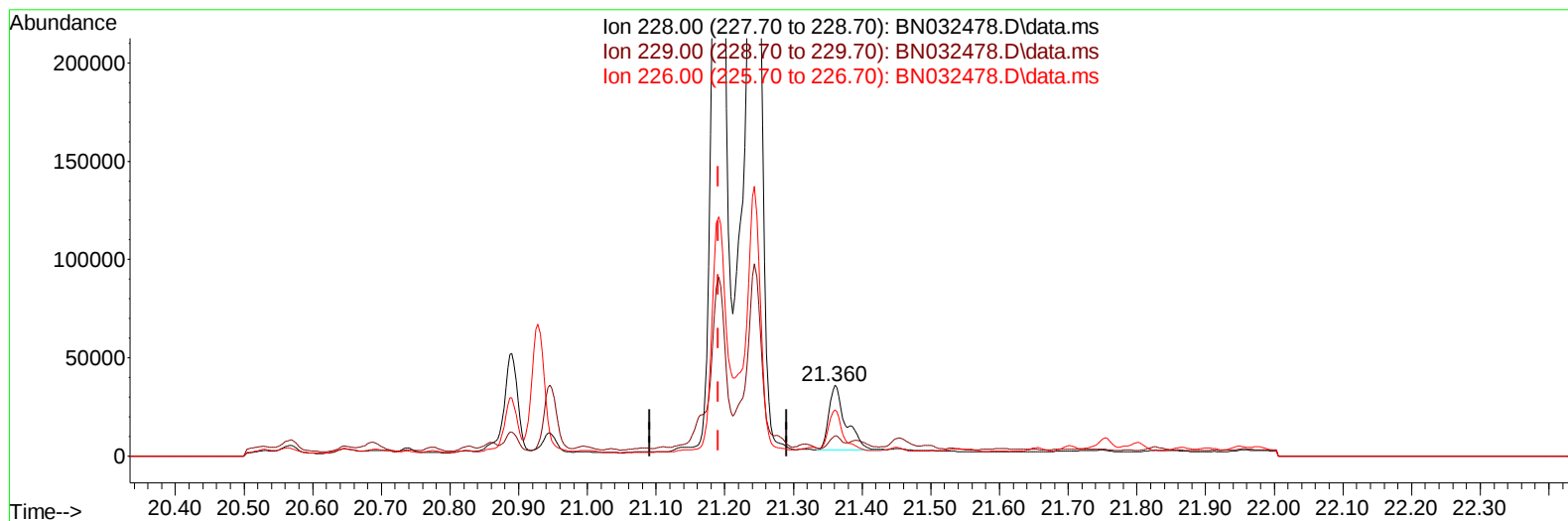
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(21) Benzo(a)anthracene

21.360min (+ 0.169) 0.89 ng/u1

response 56890

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	28.47#
226.00	27.30	65.67#
0.00	0.00	0.00

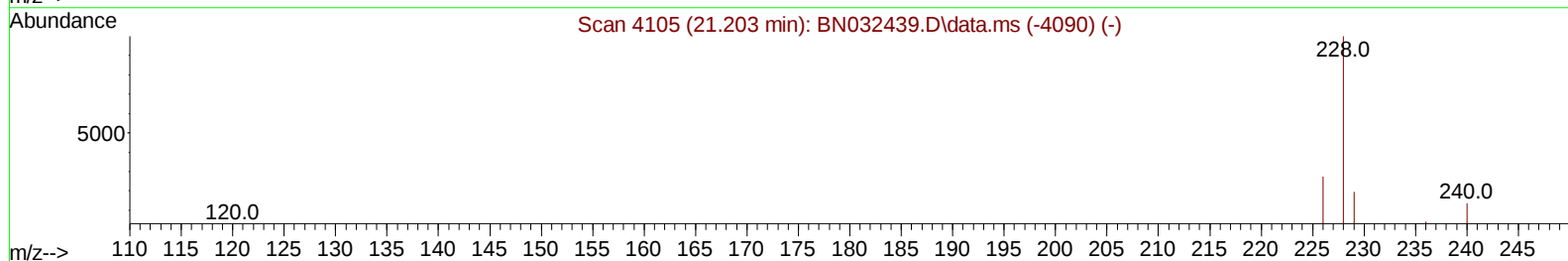
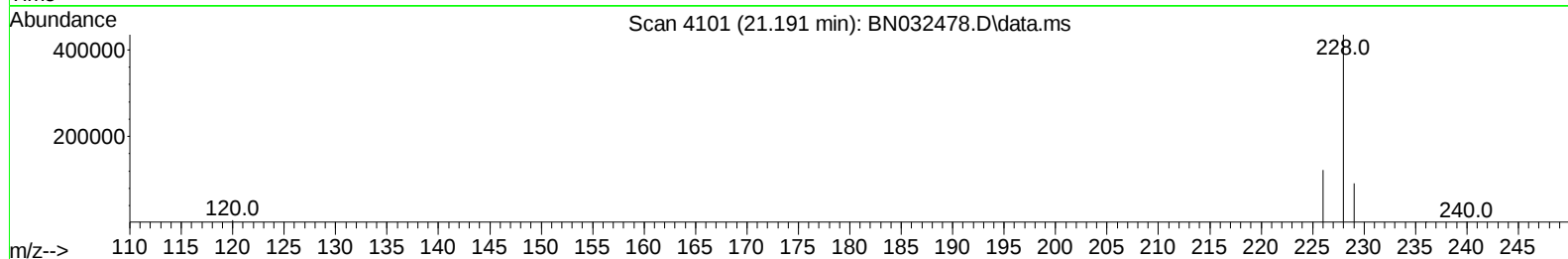
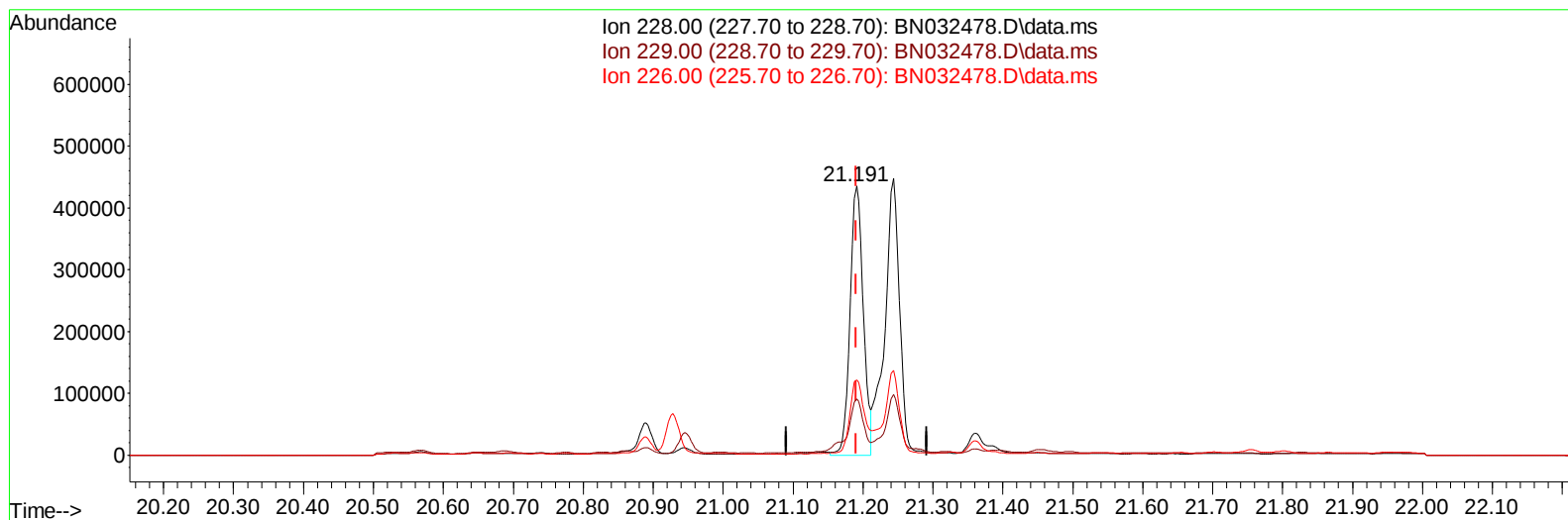
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



TIC: BN032478.D\data.ms

(21) Benzo(a)anthracene

21.191min (-0.000) 9.00 ng/u1 m

response 574530

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.90
226.00	27.30	28.00
0.00	0.00	0.00

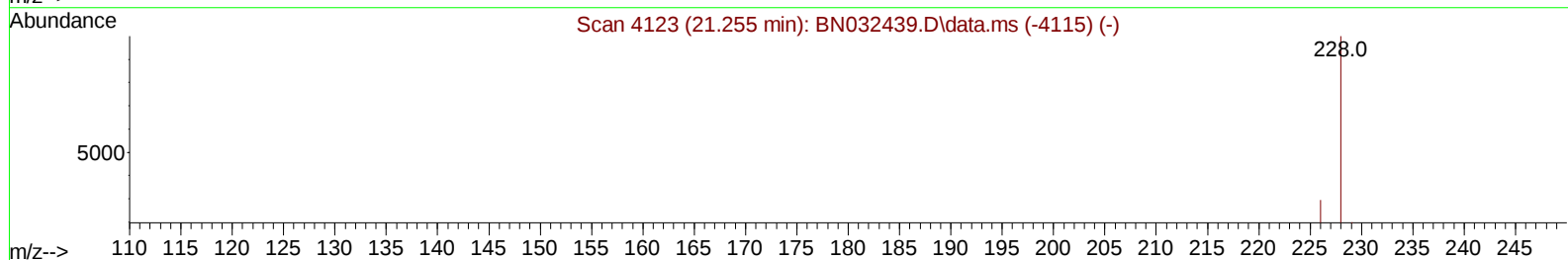
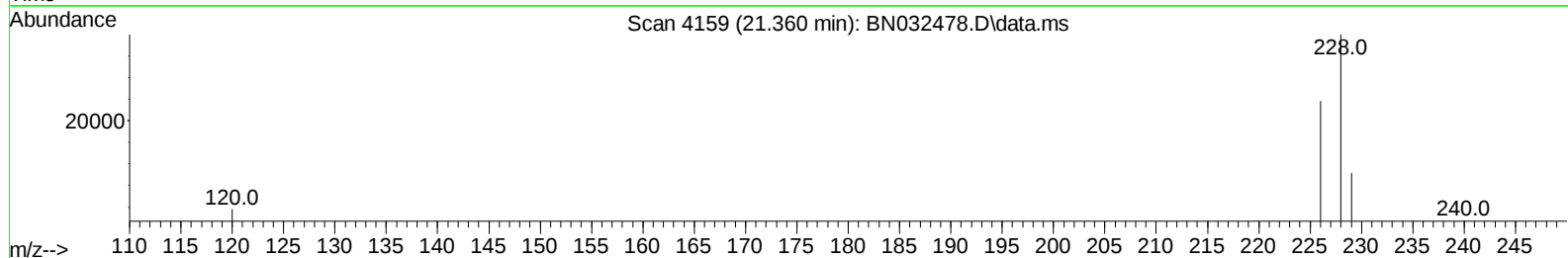
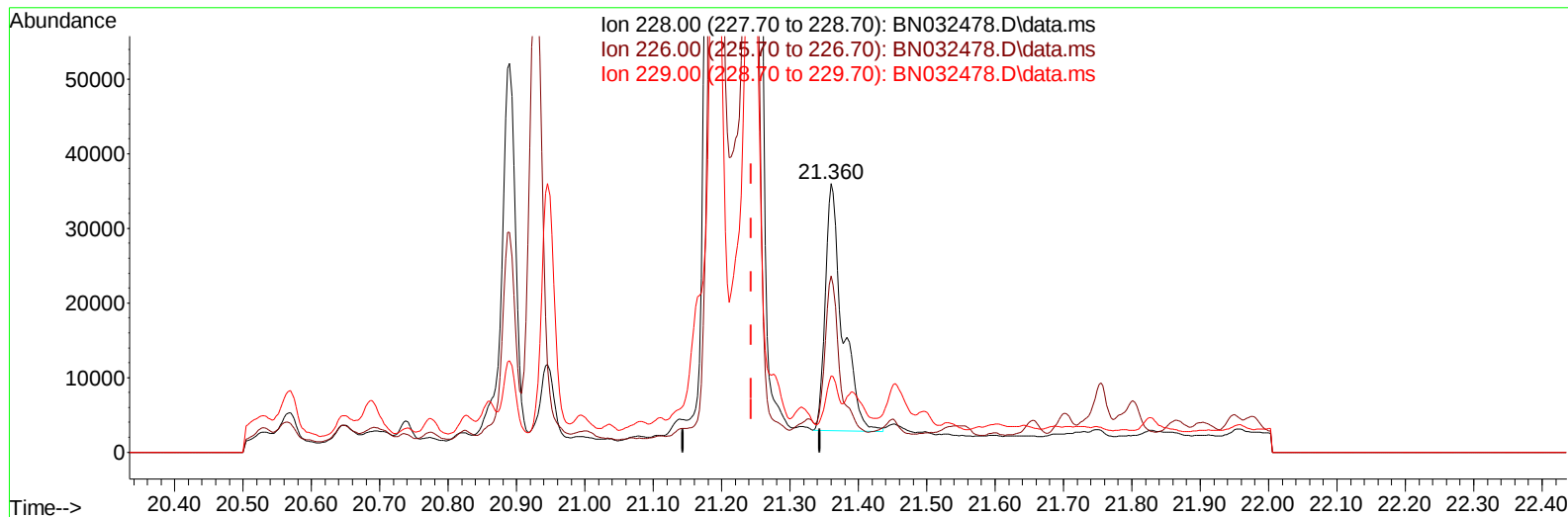
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 0.82 ng/u1

response 57572

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.67#
229.00	19.60	28.47#
0.00	0.00	0.00

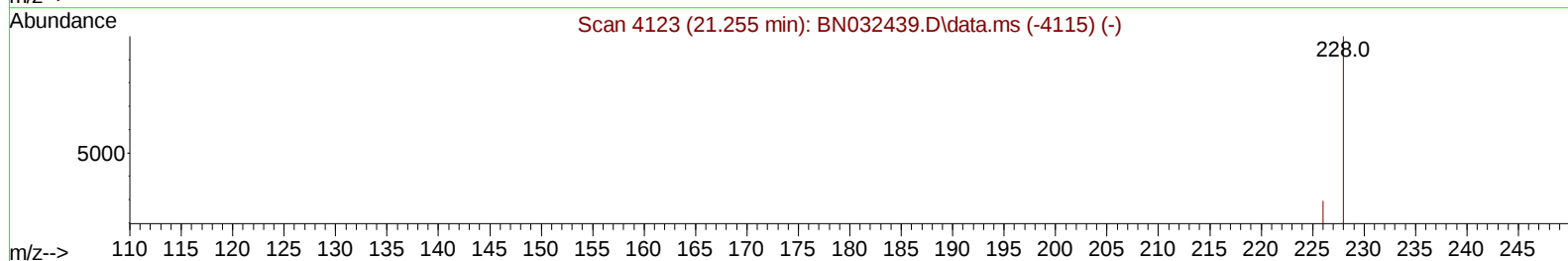
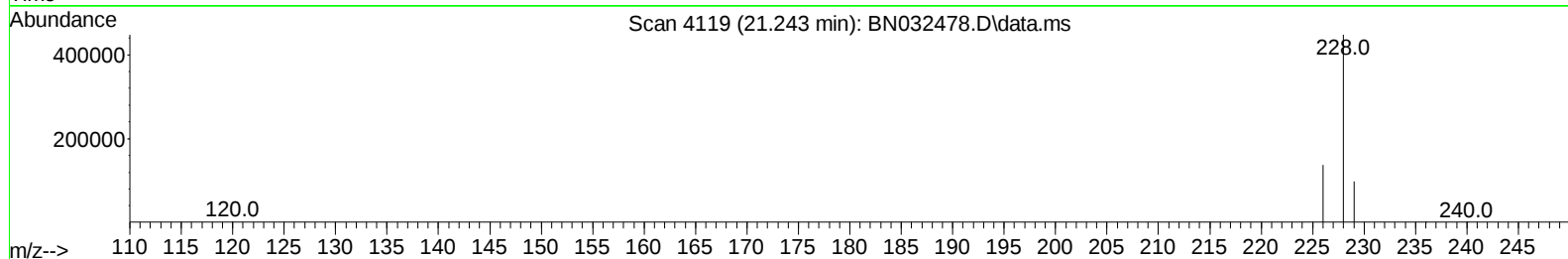
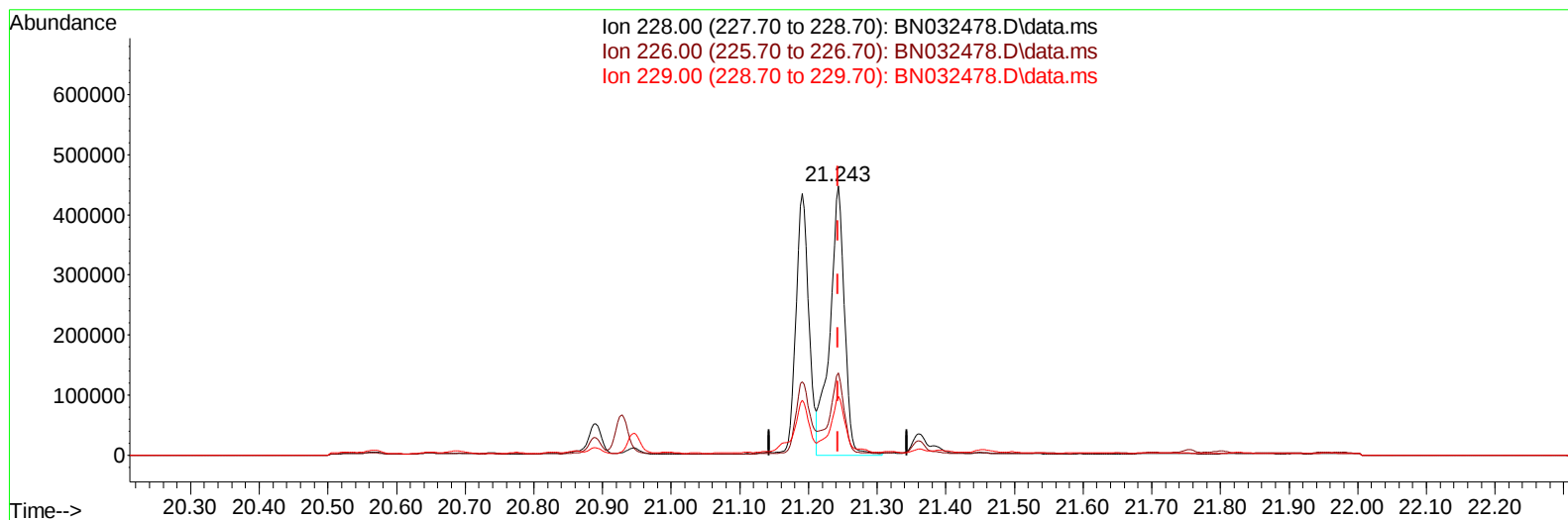
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(22) Chrysene

21.243min (-0.000) 9.54 ng/ul m

response 668373

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.62
229.00	19.60	21.84
0.00	0.00	0.00

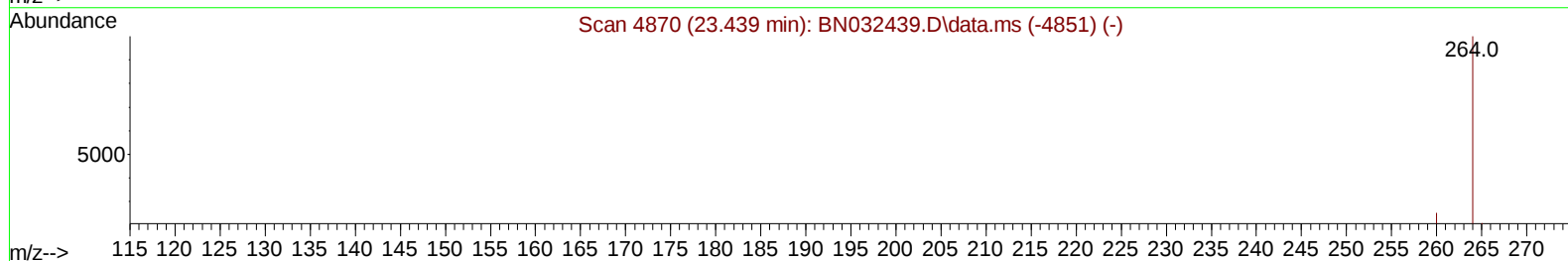
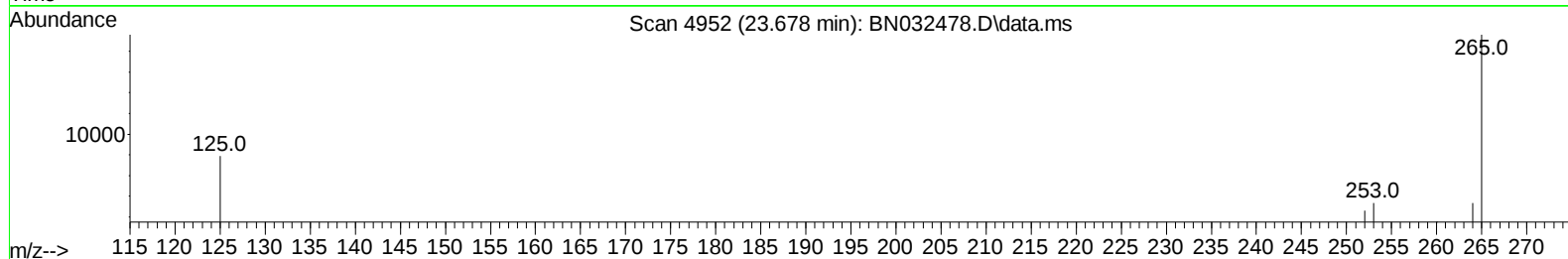
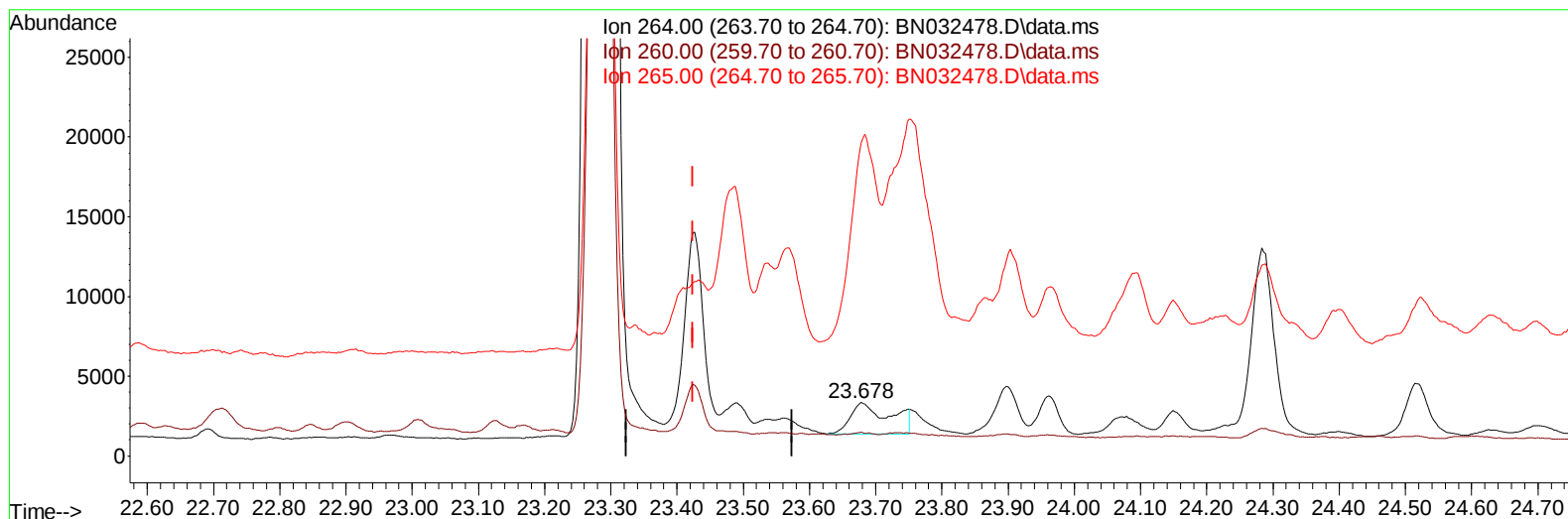
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.254) 0.40 ng/u1

response 8142

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	44.37#
265.00	67.20	584.51#
0.00	0.00	0.00

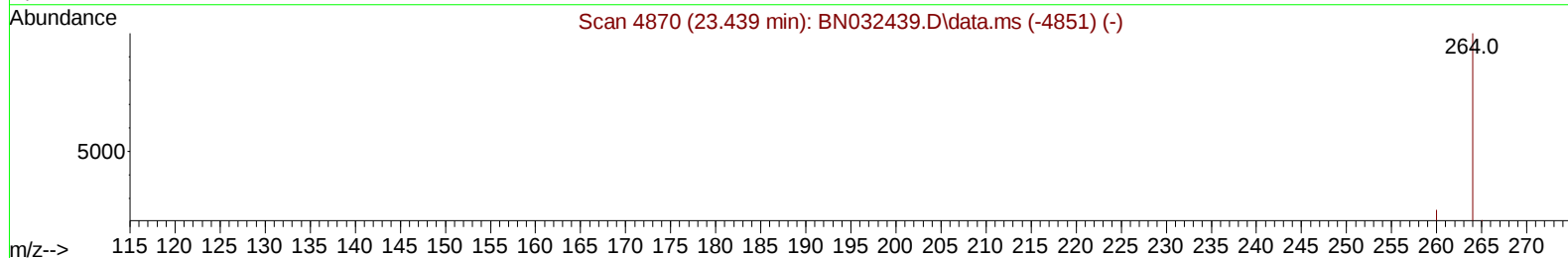
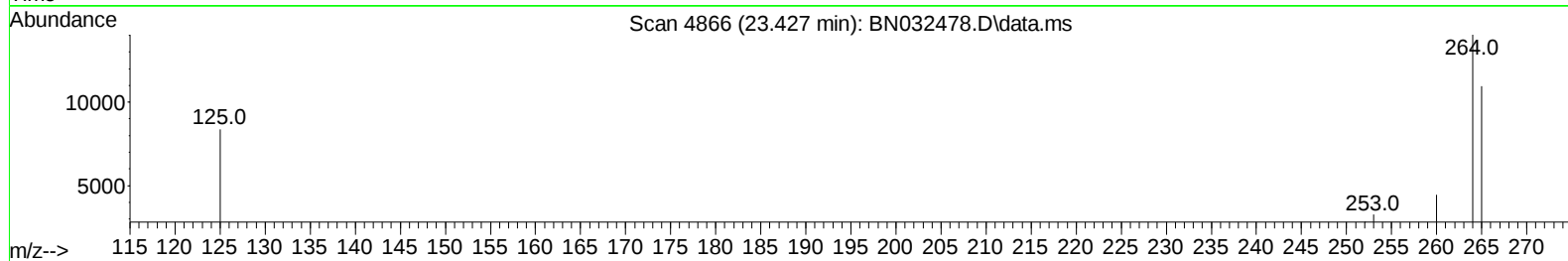
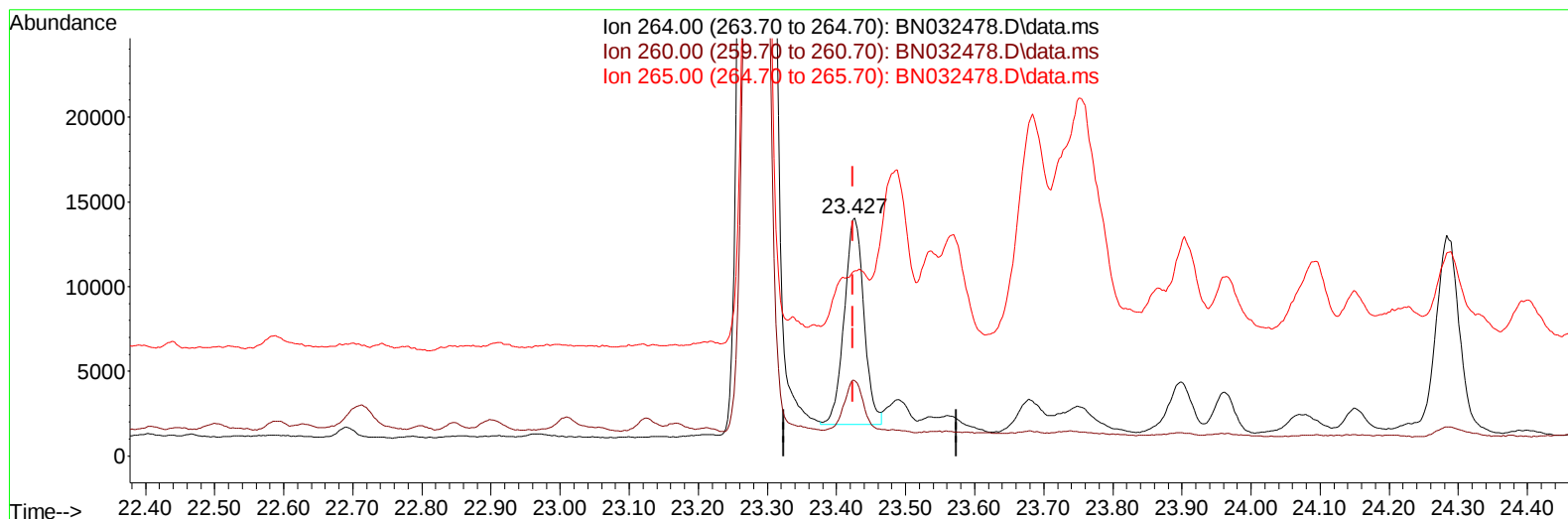
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 24080

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	31.64#
265.00	67.20	78.00
0.00	0.00	0.00

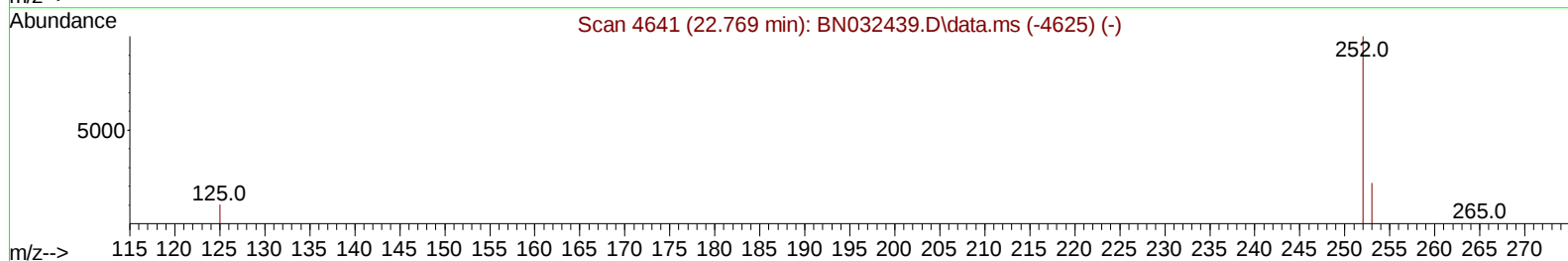
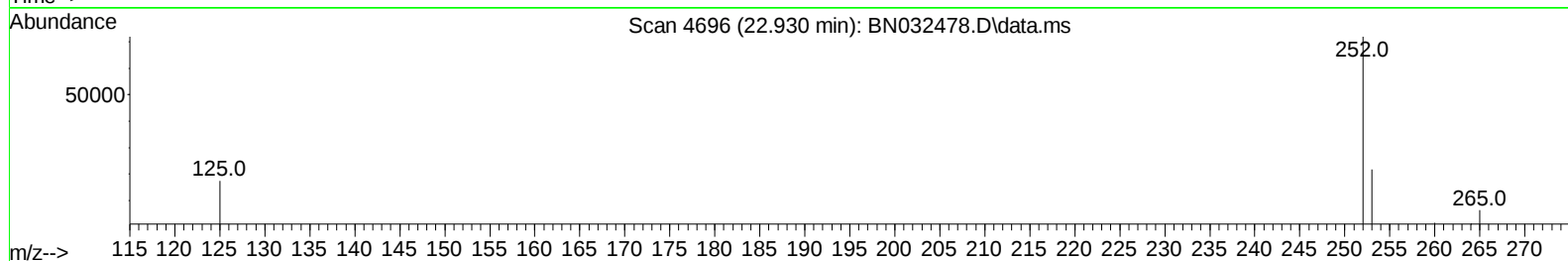
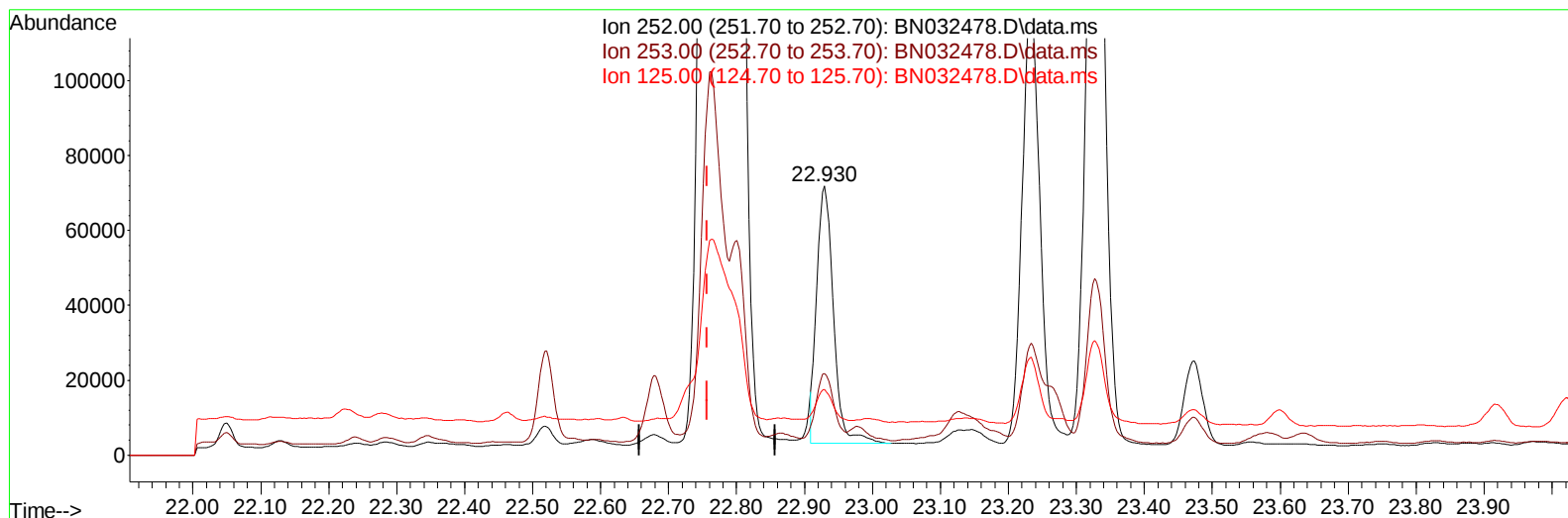
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.172) 1.13 ng/u1

response 118088

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.42
125.00	16.00	24.45
0.00	0.00	0.00

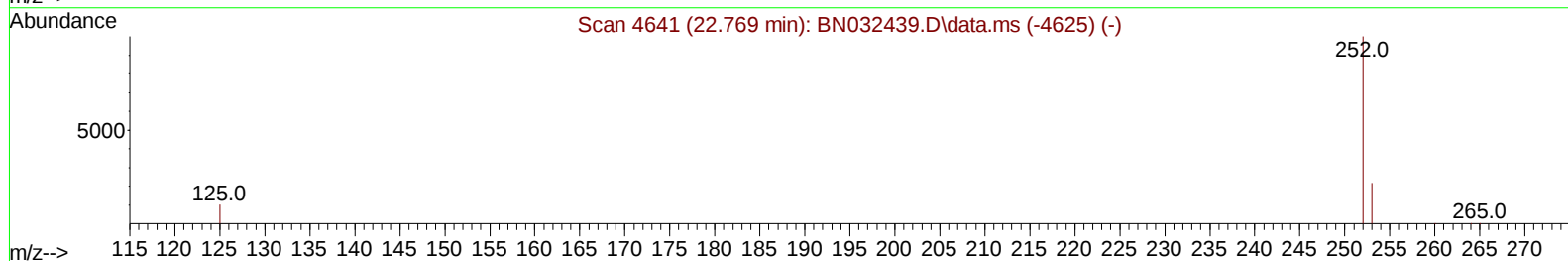
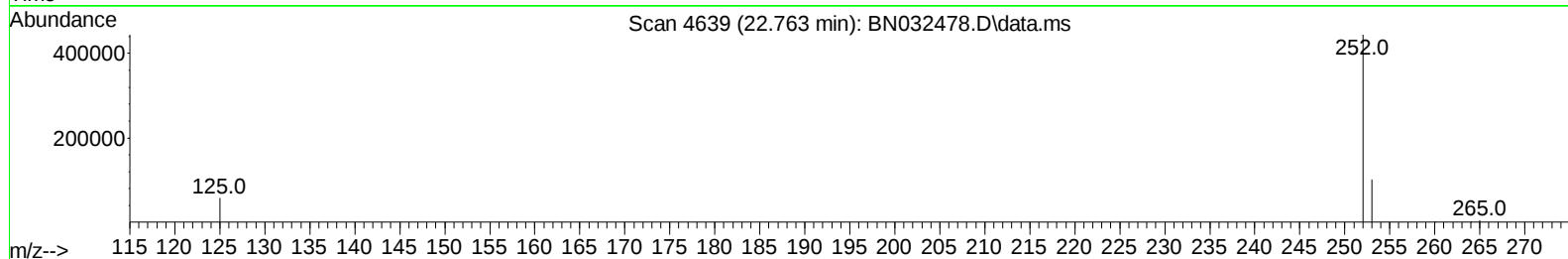
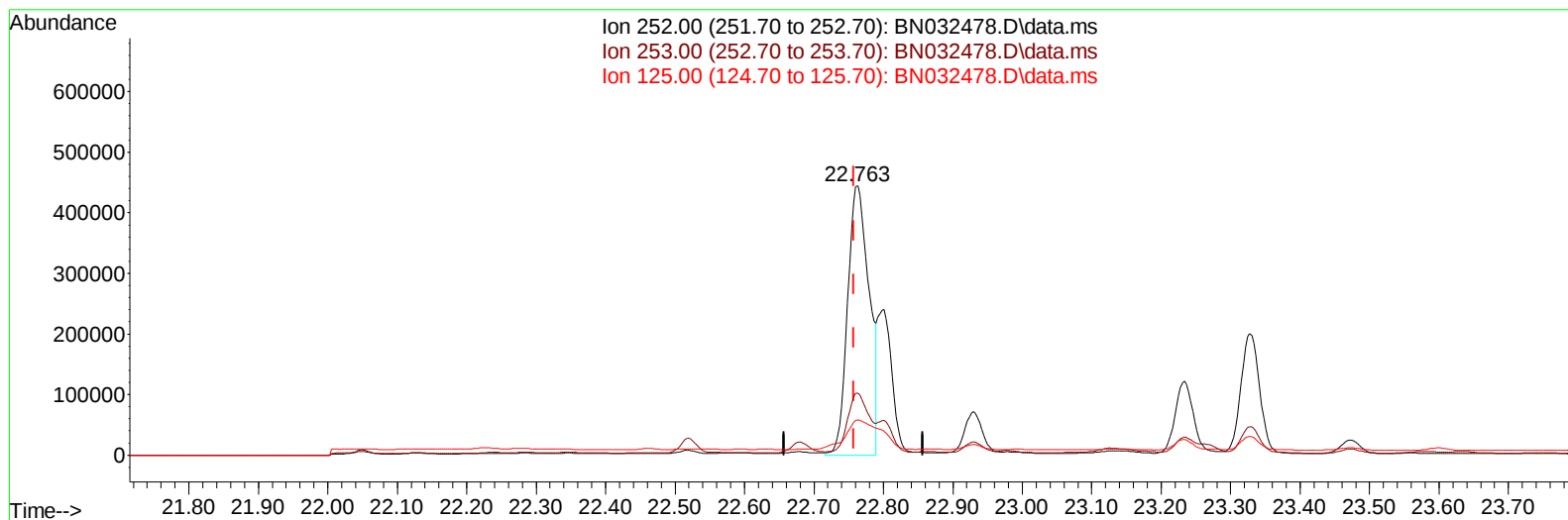
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (+ 0.006) 9.20 ng/u1 m

response 962003

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.06
125.00	16.00	13.01
0.00	0.00	0.00

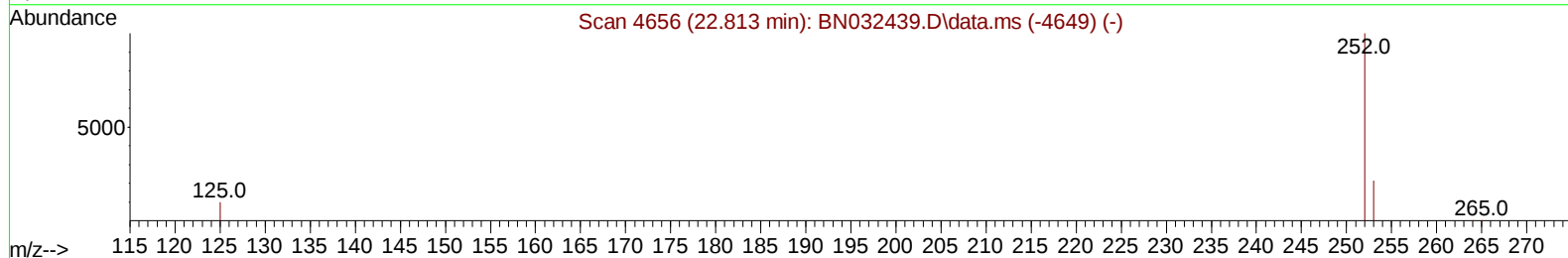
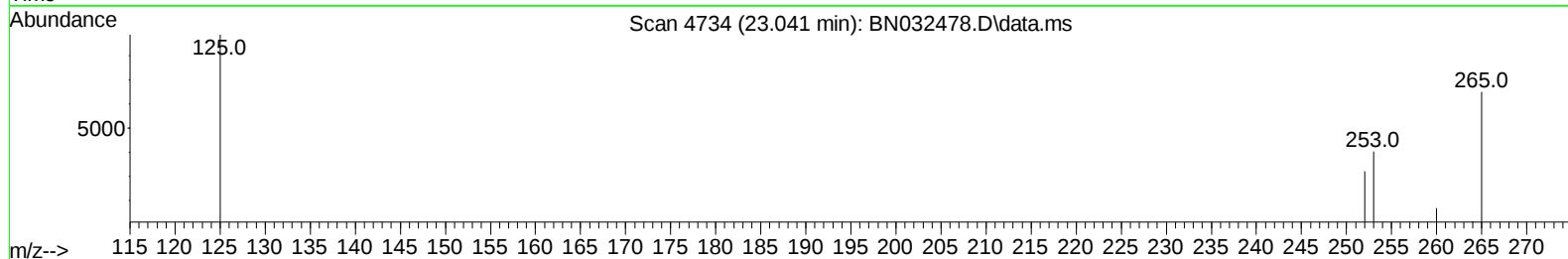
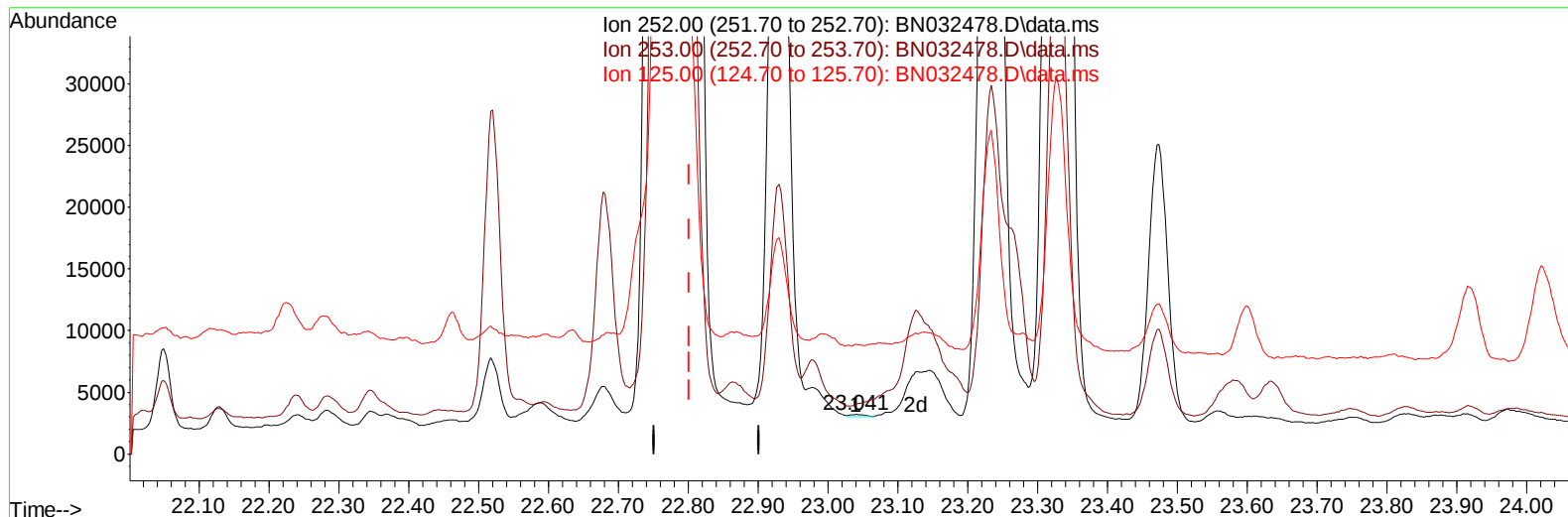
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(25) Benzo(k)fluoranthene

23.041min (+ 0.240) 0.00 ng/u1

response	285	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	125.36#
125.00	16.00	275.92#
0.00	0.00	0.00

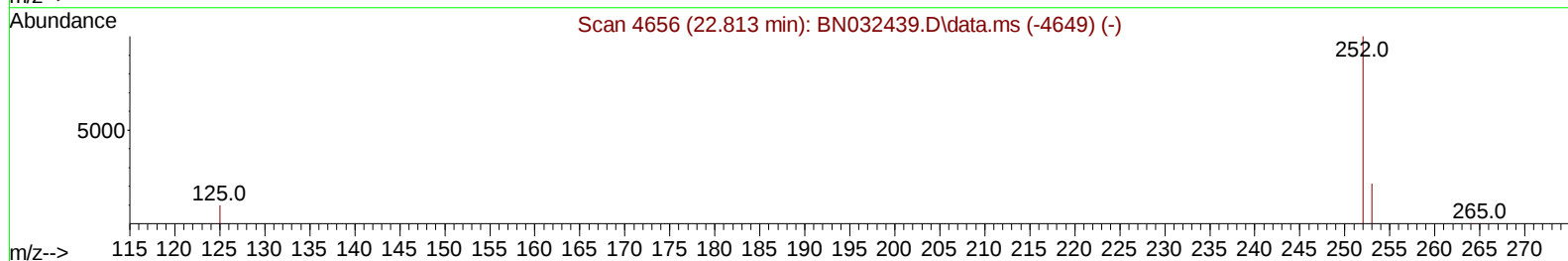
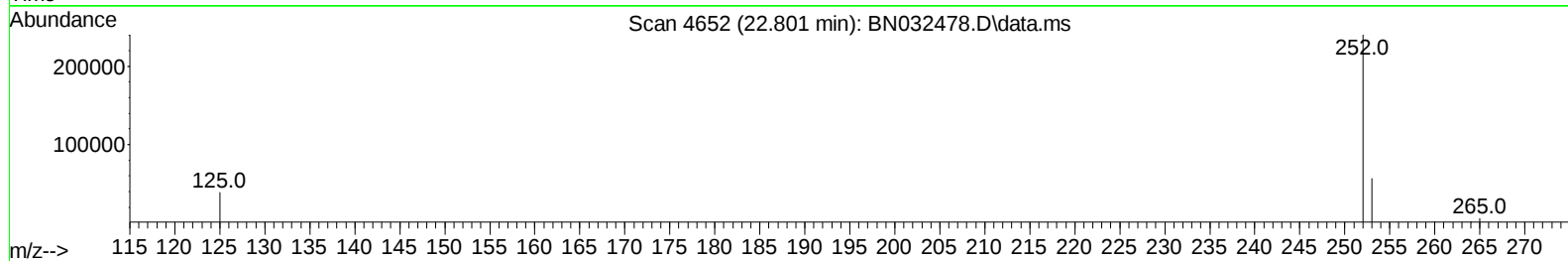
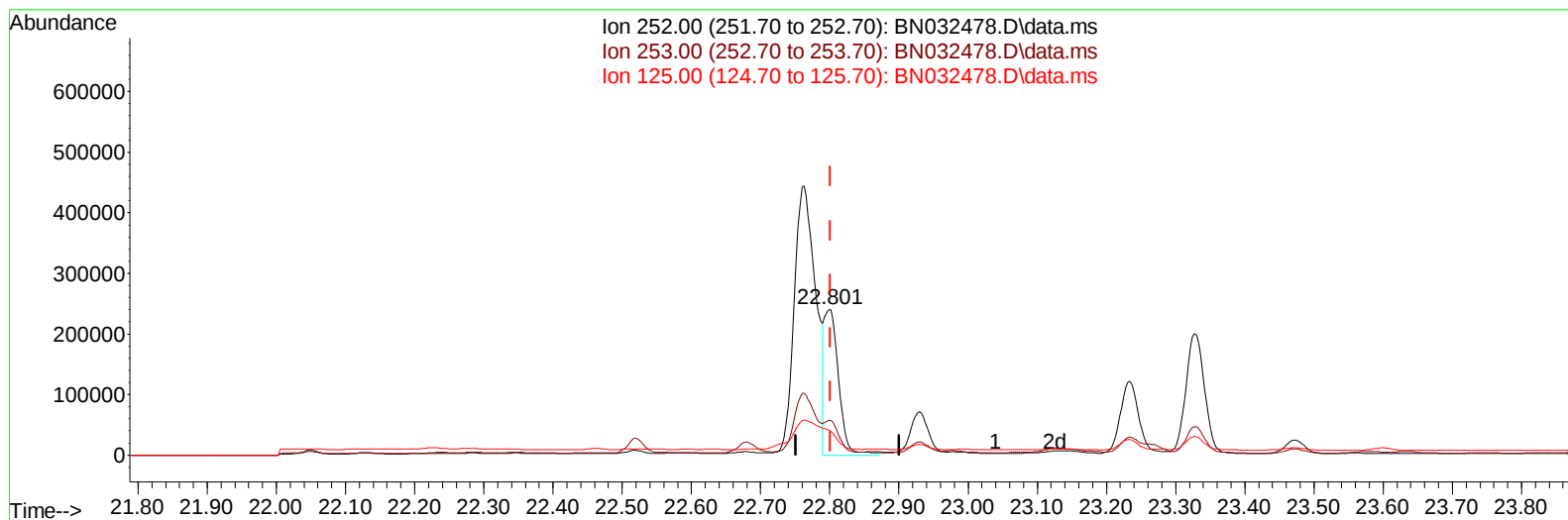
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032478.D
 Acq On : 04 Jul 2024 17:33
 Operator : MA/JU
 Sample : P2964-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.000) 3.42 ng/u1 m

response 347779

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.86
125.00	16.00	16.38
0.00	0.00	0.00

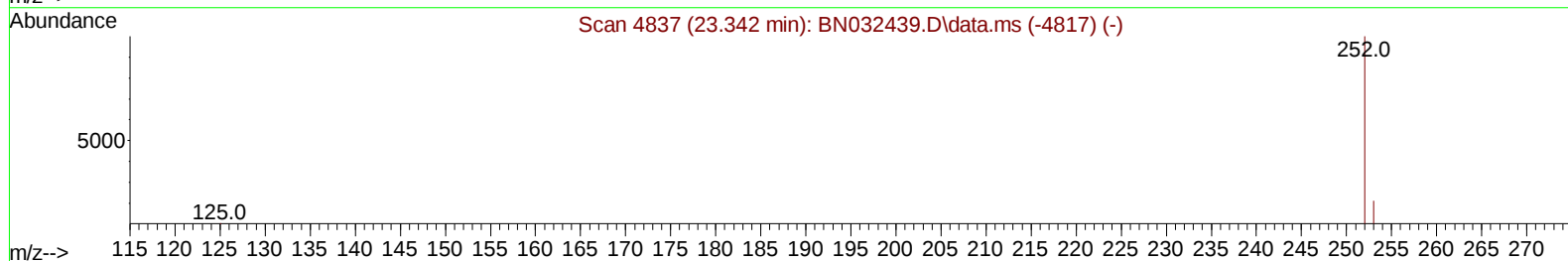
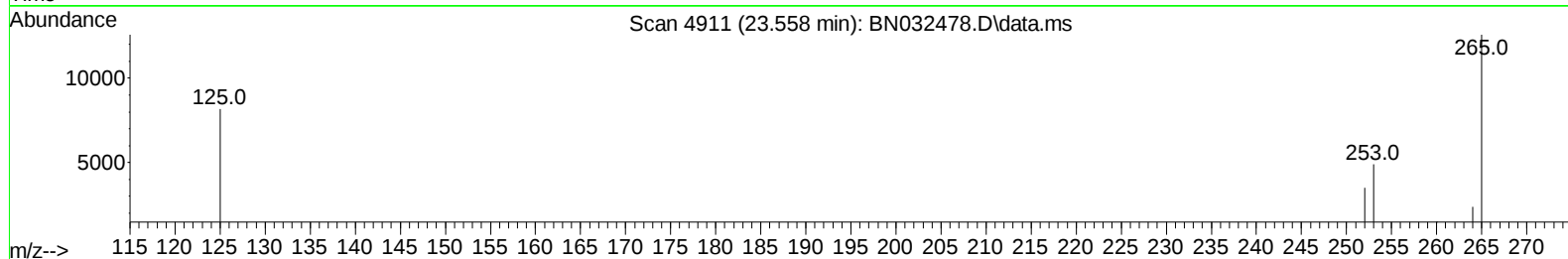
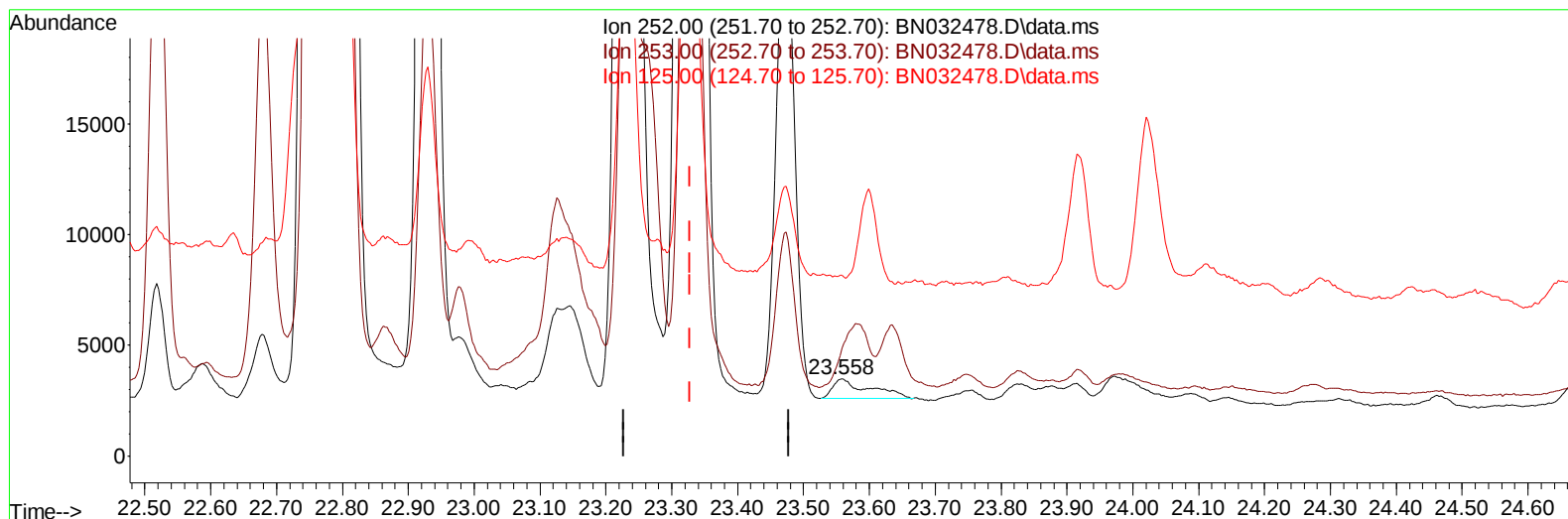
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(26) Benzo(a)pyrene (C)

23.558min (+ 0.231) 0.05 ng/u1

response 3384

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	139.89#
125.00	20.50	234.47#
0.00	0.00	0.00

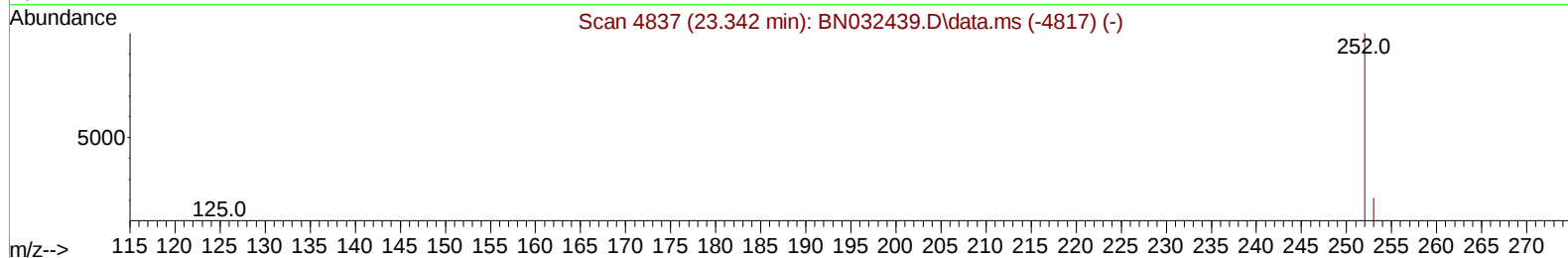
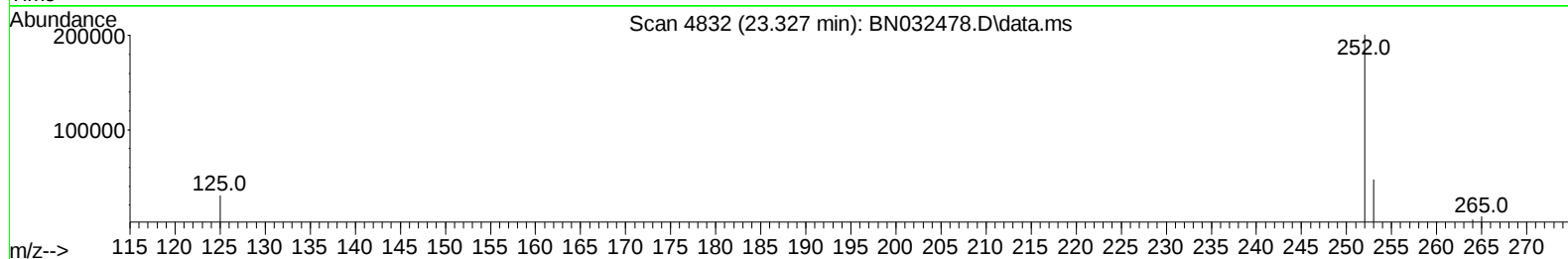
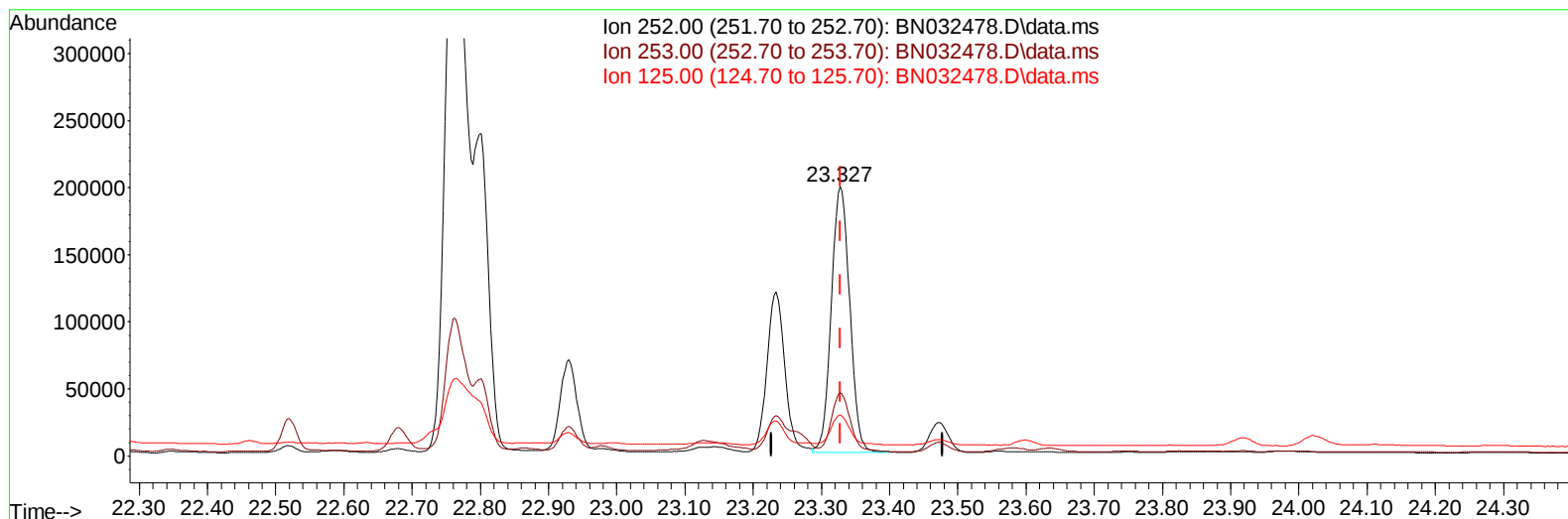
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-0.000) 5.09 ng/u1 m

response 370784

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.49
125.00	20.50	15.20#
0.00	0.00	0.00

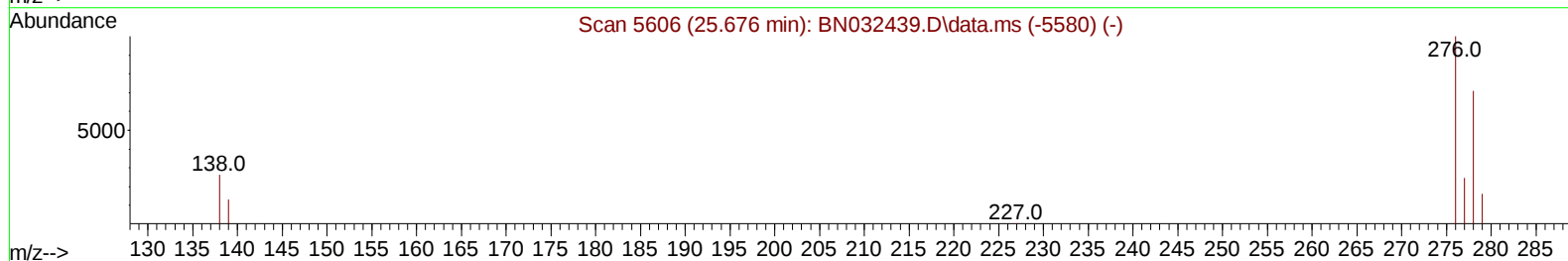
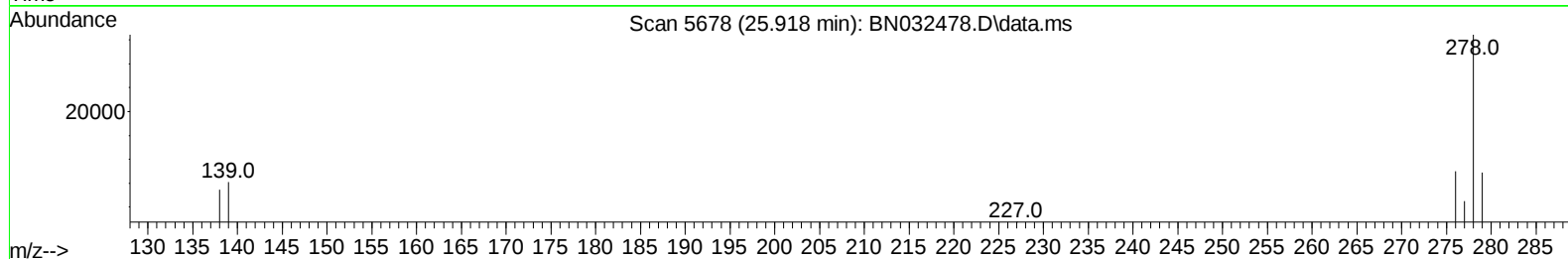
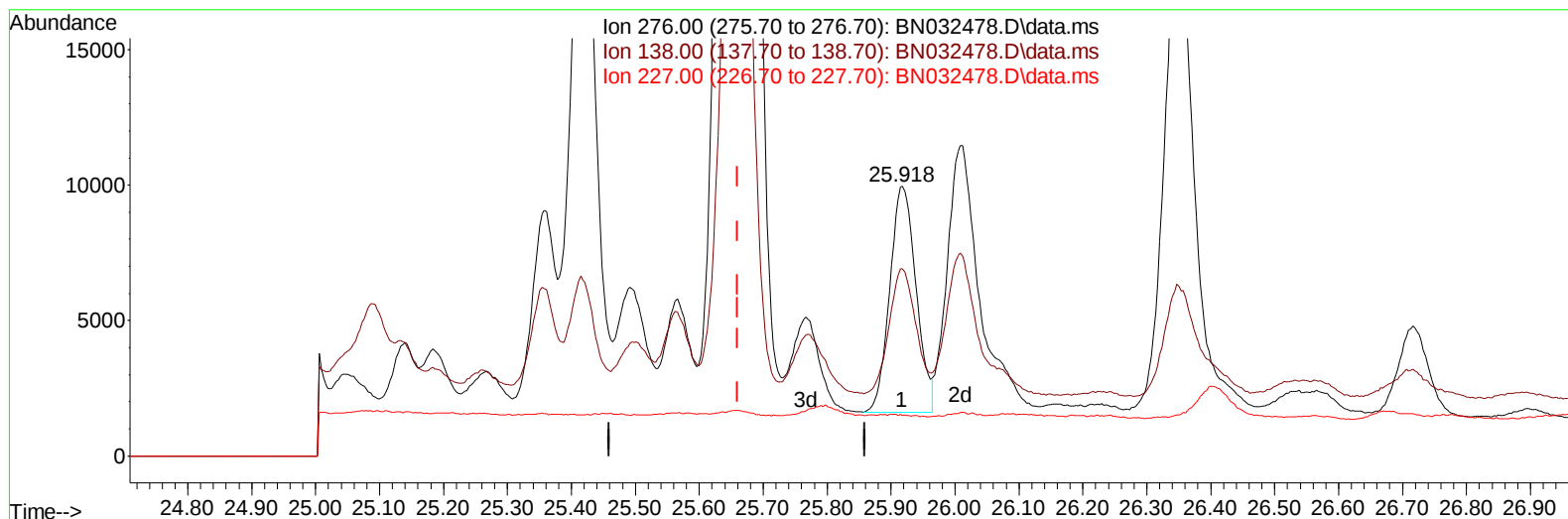
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

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

25.918min (+ 0.258) 0.21 ng/u1

response 23898

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.34#
227.00	0.10	0.00#
0.00	0.00	0.00

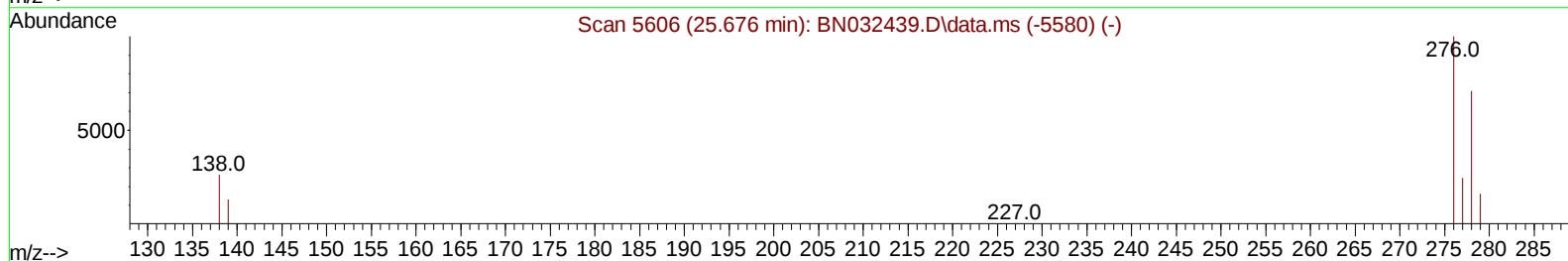
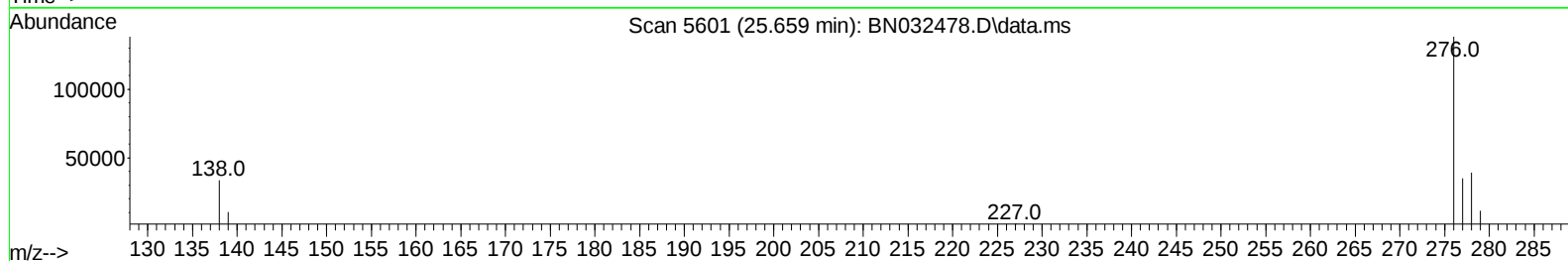
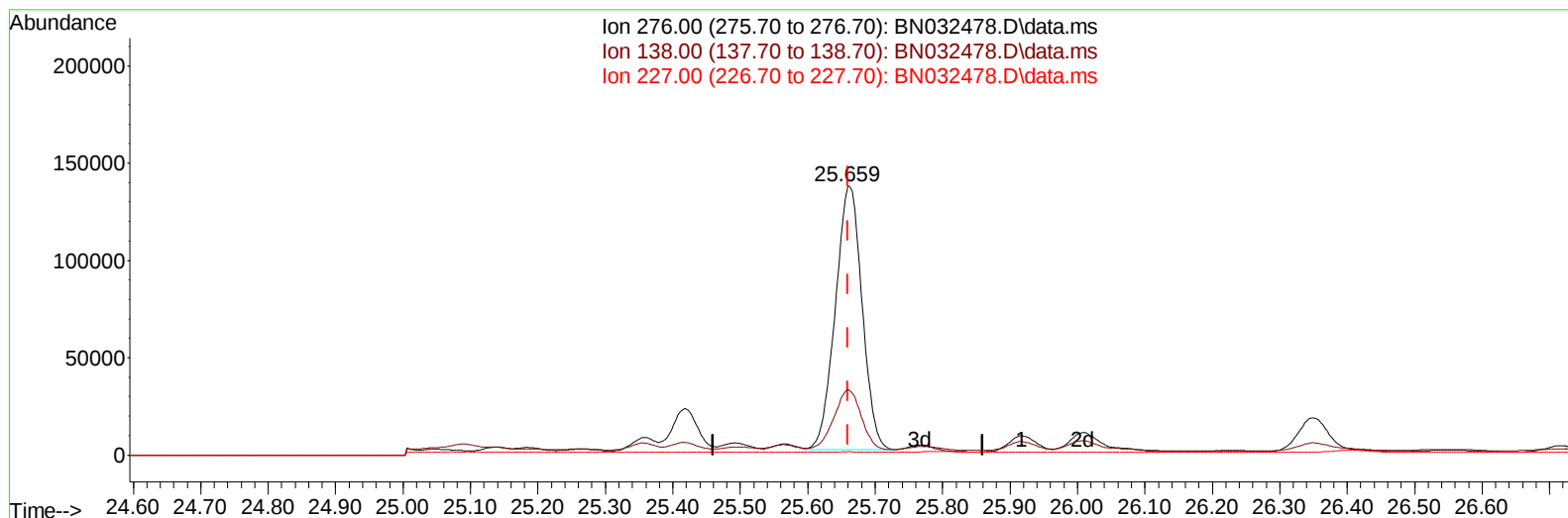
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

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

25.659min (-0.000) 3.28 ng/ul m

response 373342

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.61#
227.00	0.10	0.00#
0.00	0.00	0.00

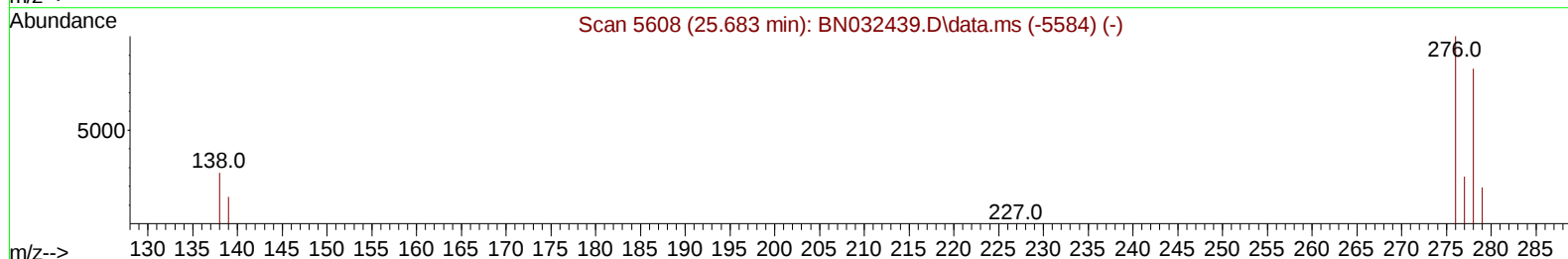
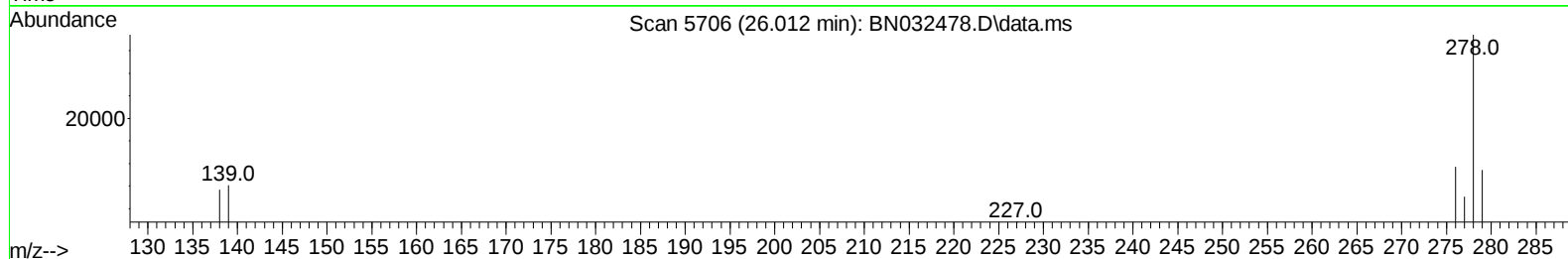
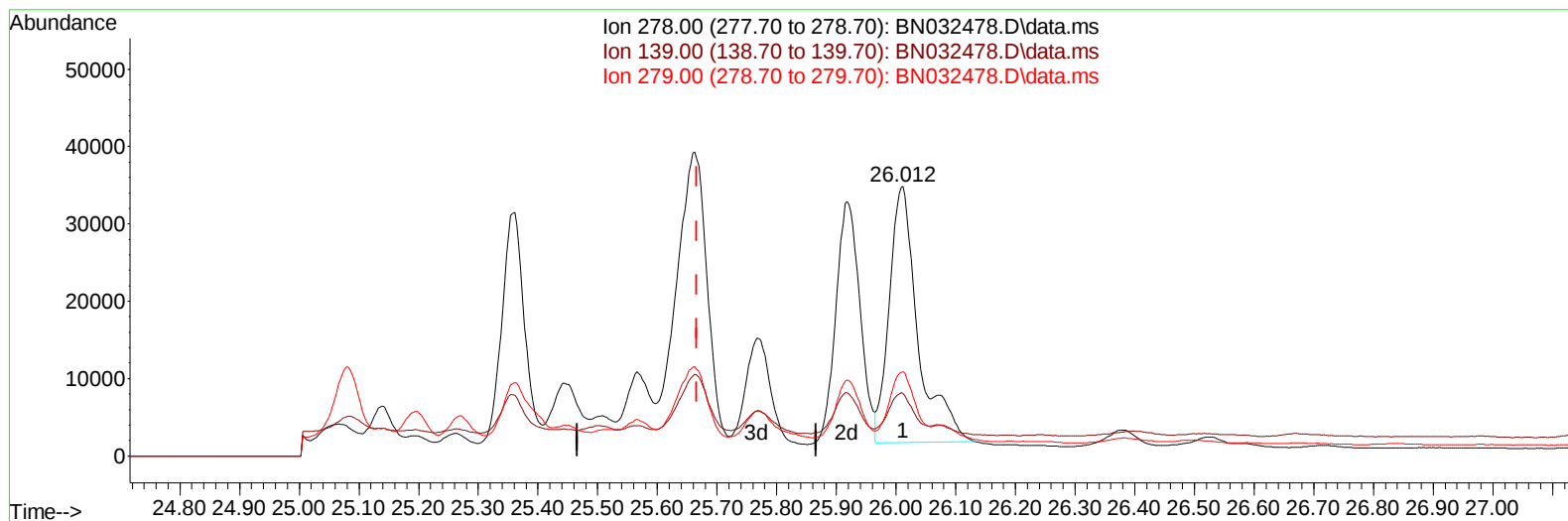
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032478.D\data.ms

(28) Dibenzo(a,h)anthracene

26.012min (+ 0.345) 1.32 ng/u1

response 111576

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.35
279.00	26.40	31.30
0.00	0.00	0.00

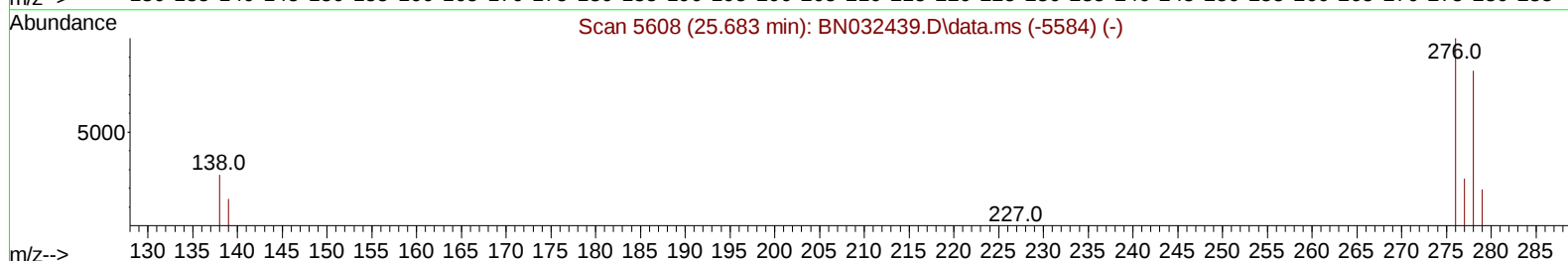
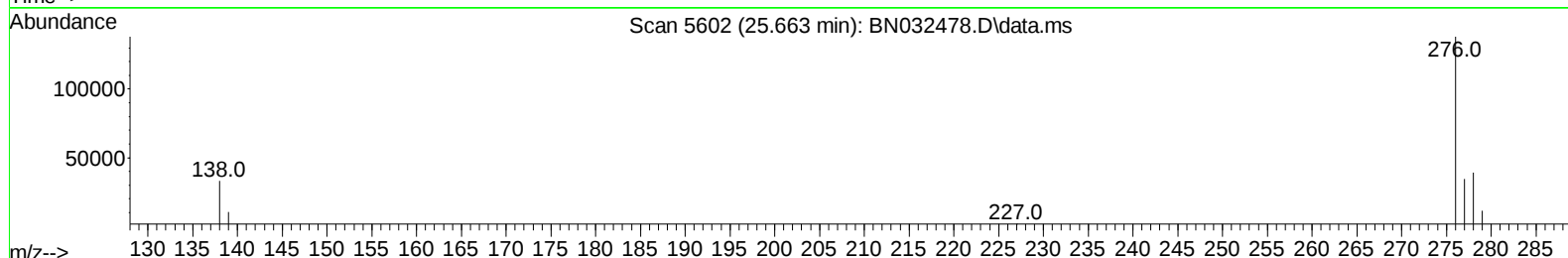
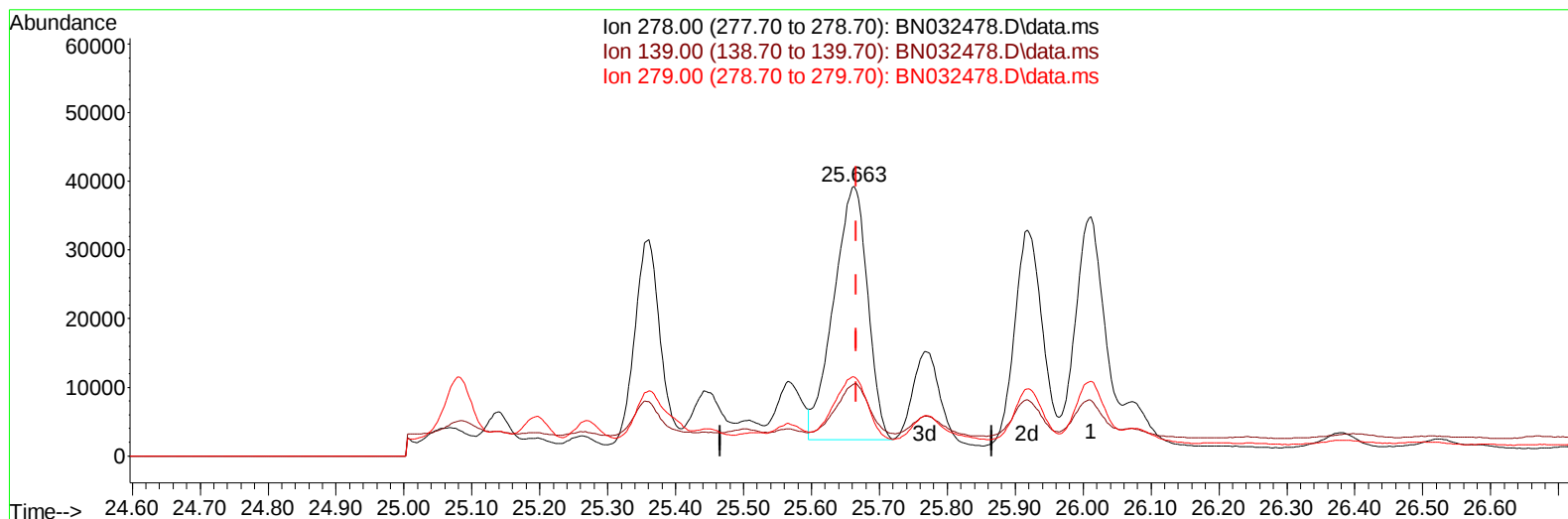
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.003) 1.52 ng/u1 m

response 128519

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	26.83#
279.00	26.40	29.49
0.00	0.00	0.00

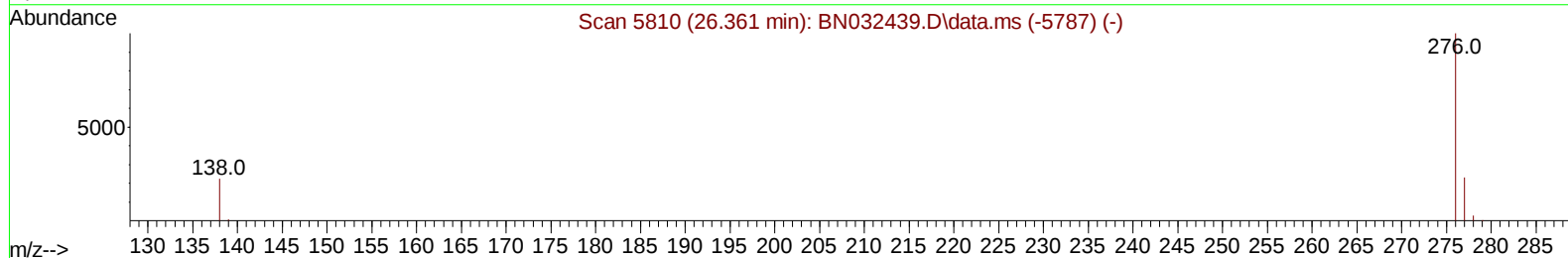
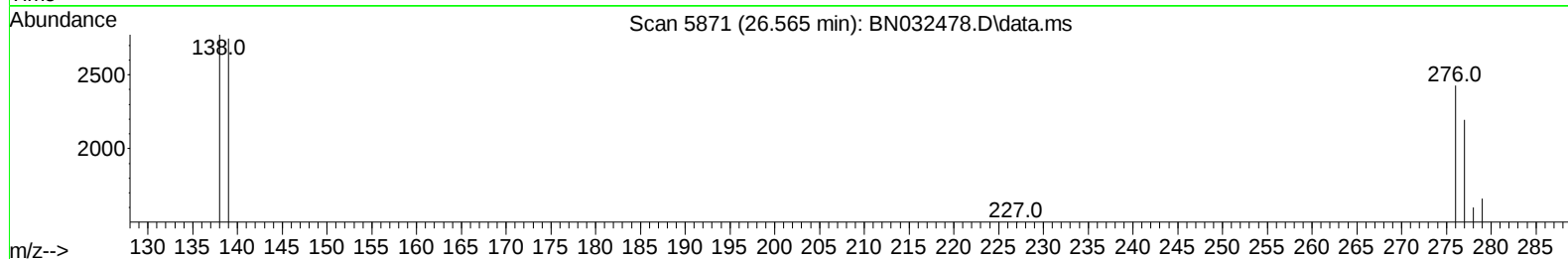
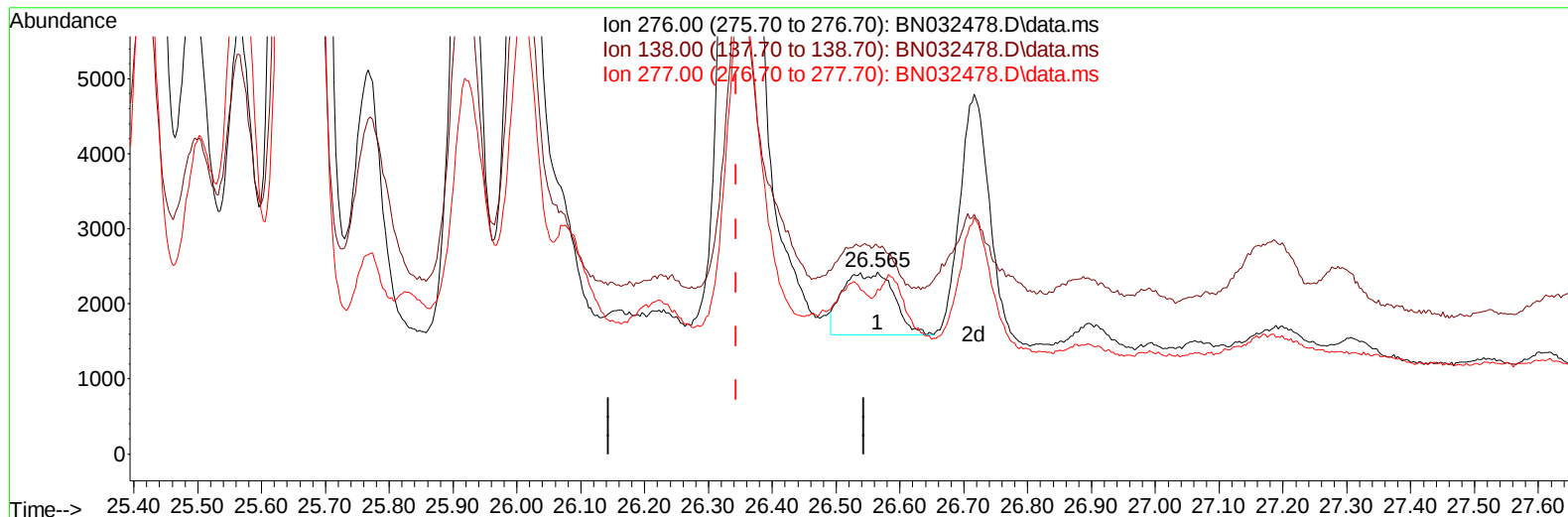
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

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

26.565min (+ 0.221) 0.05 ng/u1

response 4589

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	114.26#
277.00	24.70	90.56#
0.00	0.00	0.00

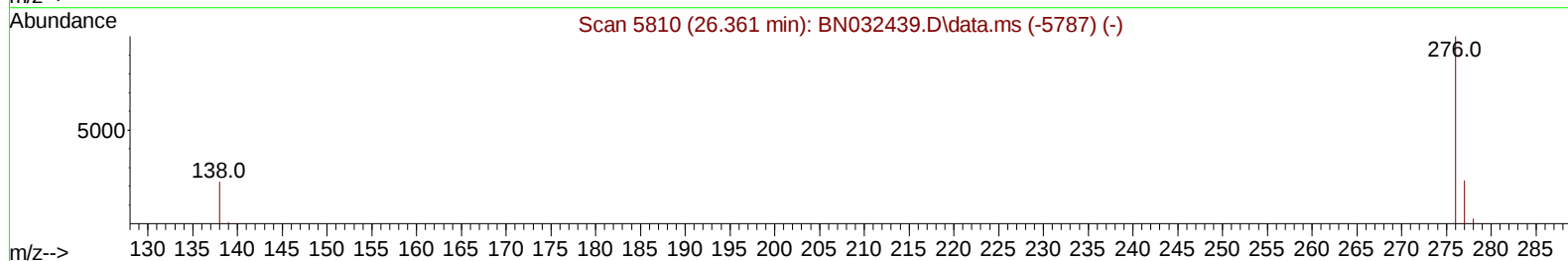
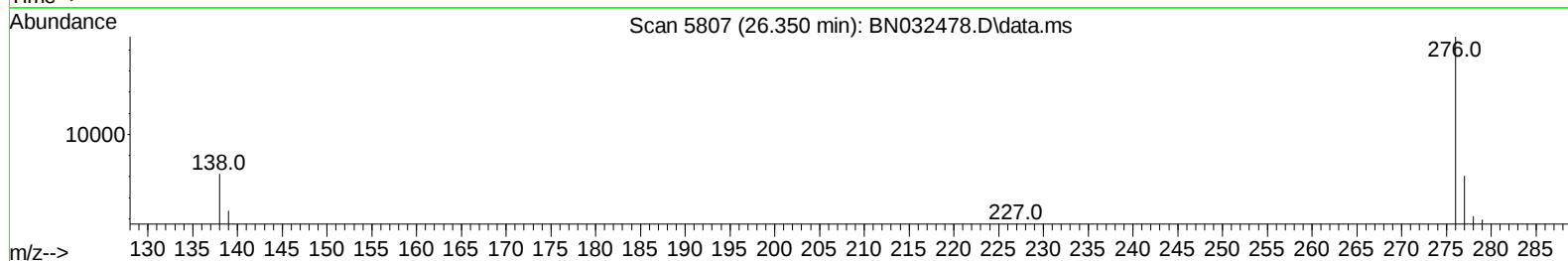
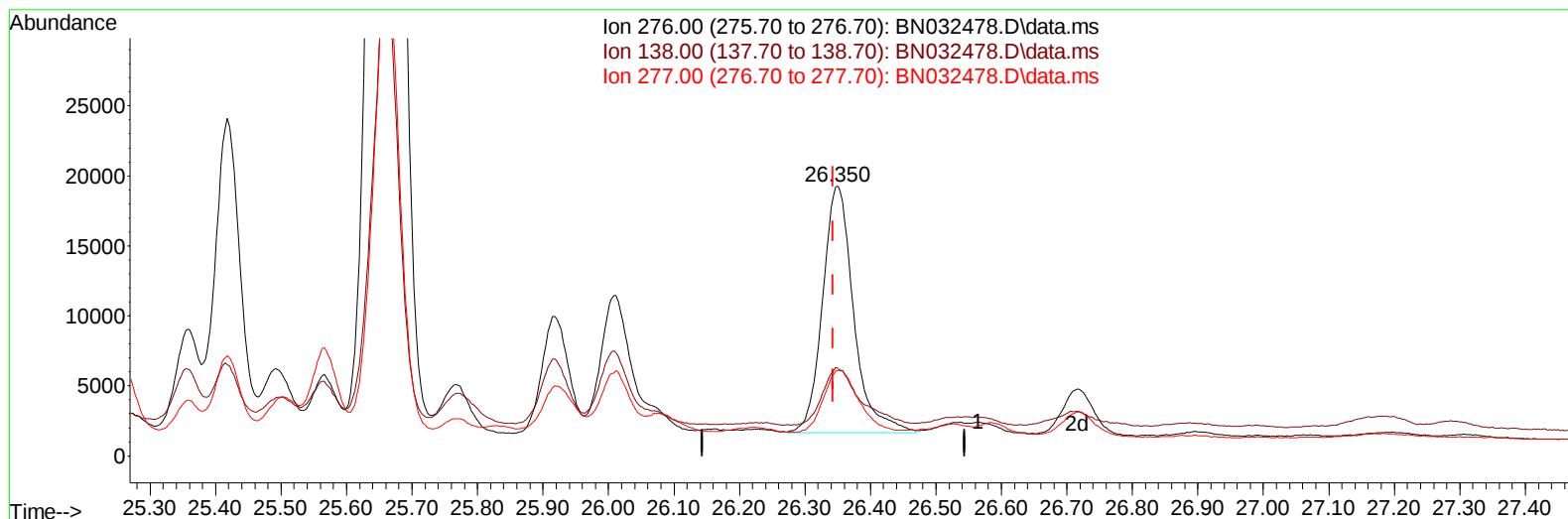
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032478.D\data.ms

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

26.350min (+ 0.007) 0.64 ng/ul m

response 58304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	32.52#
277.00	24.70	31.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032478.D
 Acq On : 04 Jul 2024 17:33
 Operator : MA/JU
 Sample : P2964-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:07:16 2024
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 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19905	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11076	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	23052m	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	17684m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	24080m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27105	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6144	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	13469m	0.253	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	23892	0.454	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	7694	0.220	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	5936	0.164	ng/ul	98
10) Acenaphthylene	13.966	152	49495	1.074	ng/ul	99
11) Acenaphthene	14.304	153	20277	0.567	ng/ul	98
12) Fluorene	15.298	166	25011	0.587	ng/ul	99
15) Phenanthrene	17.041	178	528782m	8.367	ng/ul	
16) Anthracene	17.134	178	107961m	1.915	ng/ul	
19) Fluoranthene	19.068	202	1190031m	17.672	ng/ul	
20) Pyrene	19.436	202	872613m	12.400	ng/ul	
21) Benzo(a)anthracene	21.191	228	574530m	9.001	ng/ul	
22) Chrysene	21.243	228	668373m	9.541	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	962003m	9.195	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	347779m	3.421	ng/ul	
26) Benzo(a)pyrene	23.327	252	370784m	5.094	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.659	276	373342m	3.276	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	128519m	1.518	ng/ul	
29) Benzo(g,h,i)perylene	26.350	276	58304m	0.642	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
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Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:16 2024
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