

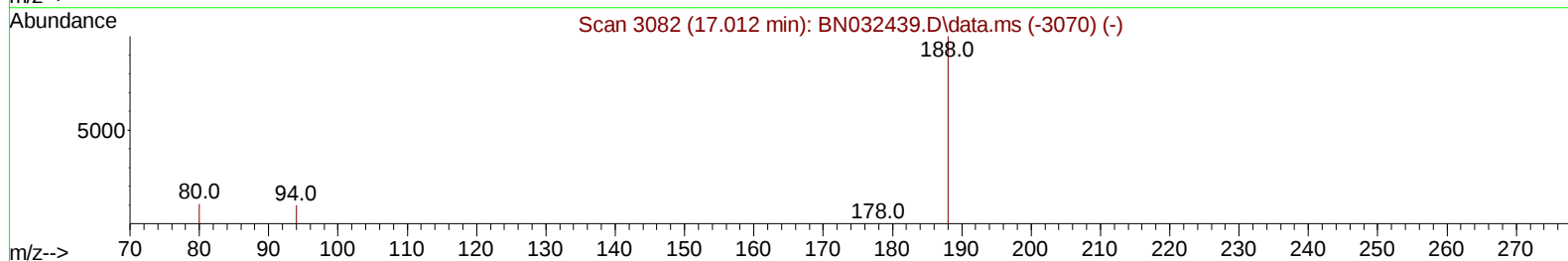
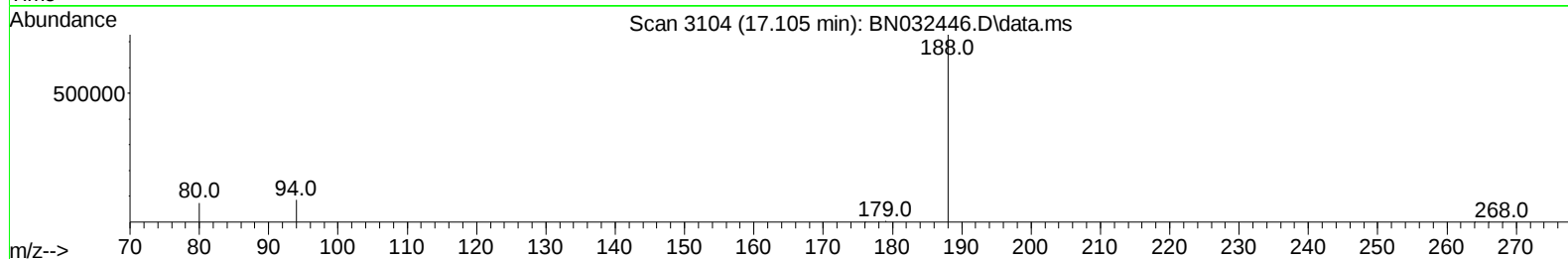
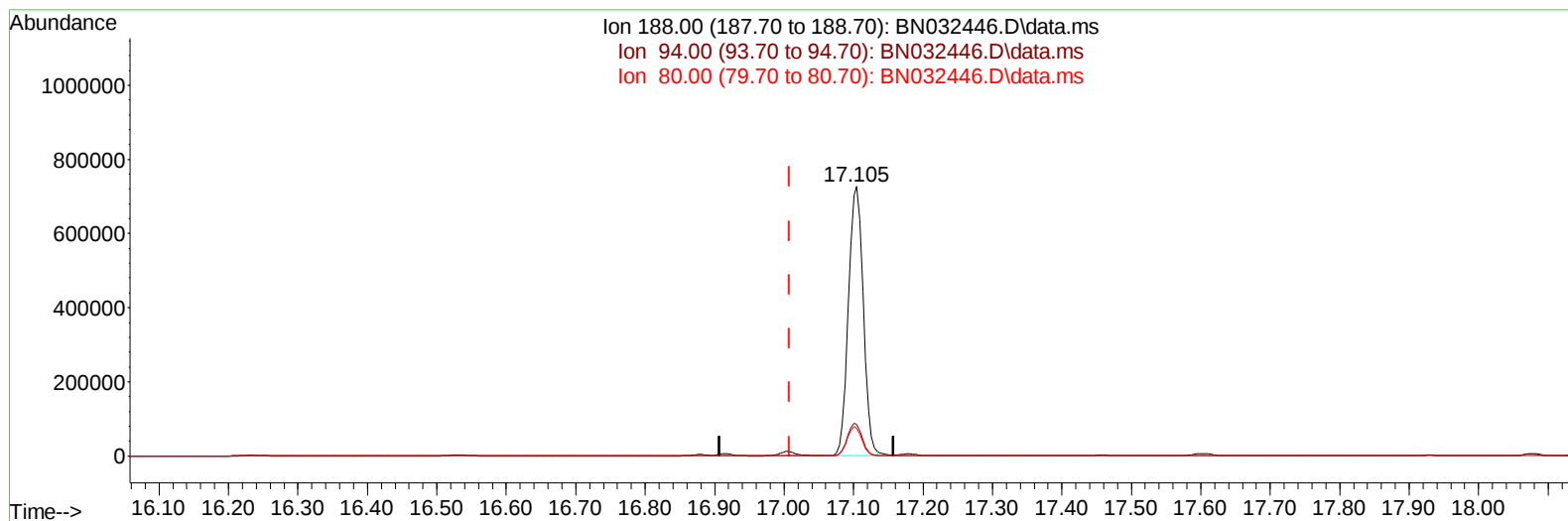
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 1071532

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.76
80.00	10.50	10.33
0.00	0.00	0.00

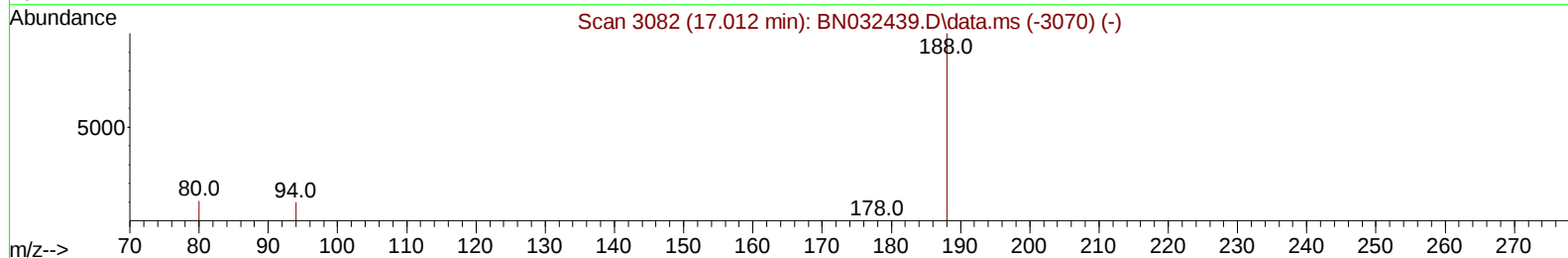
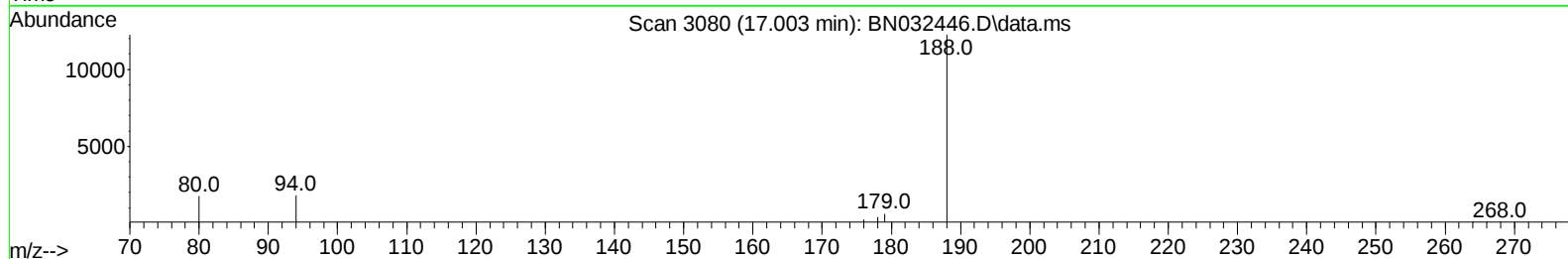
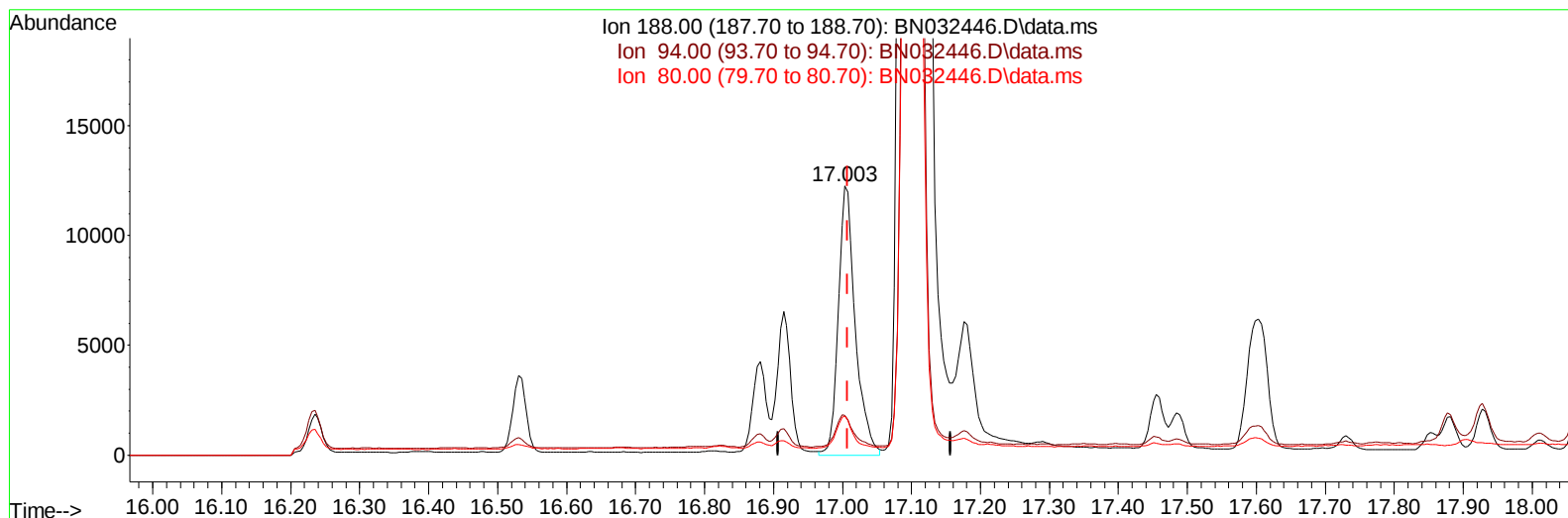
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032446.D
 Acq On : 03 Jul 2024 21:11
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 20935

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	14.87#
80.00	10.50	14.43#
0.00	0.00	0.00

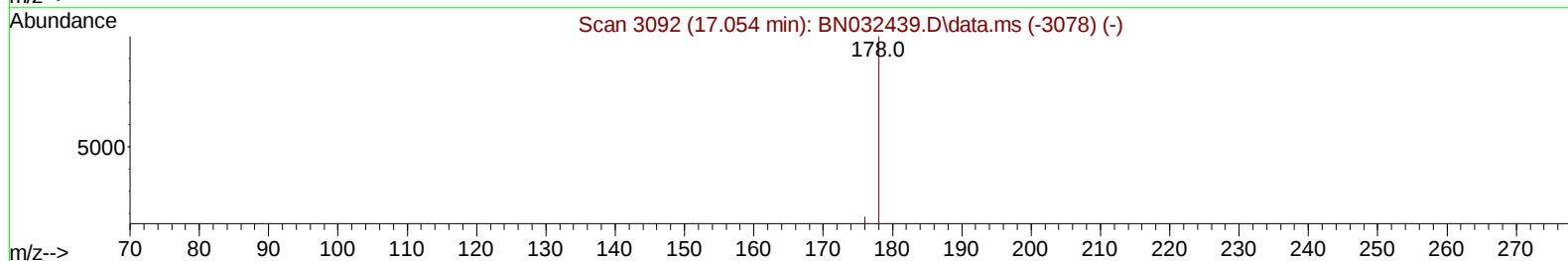
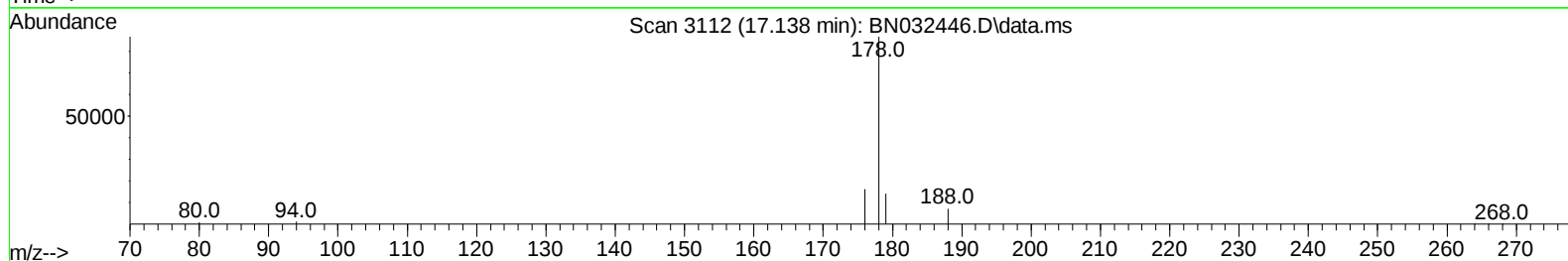
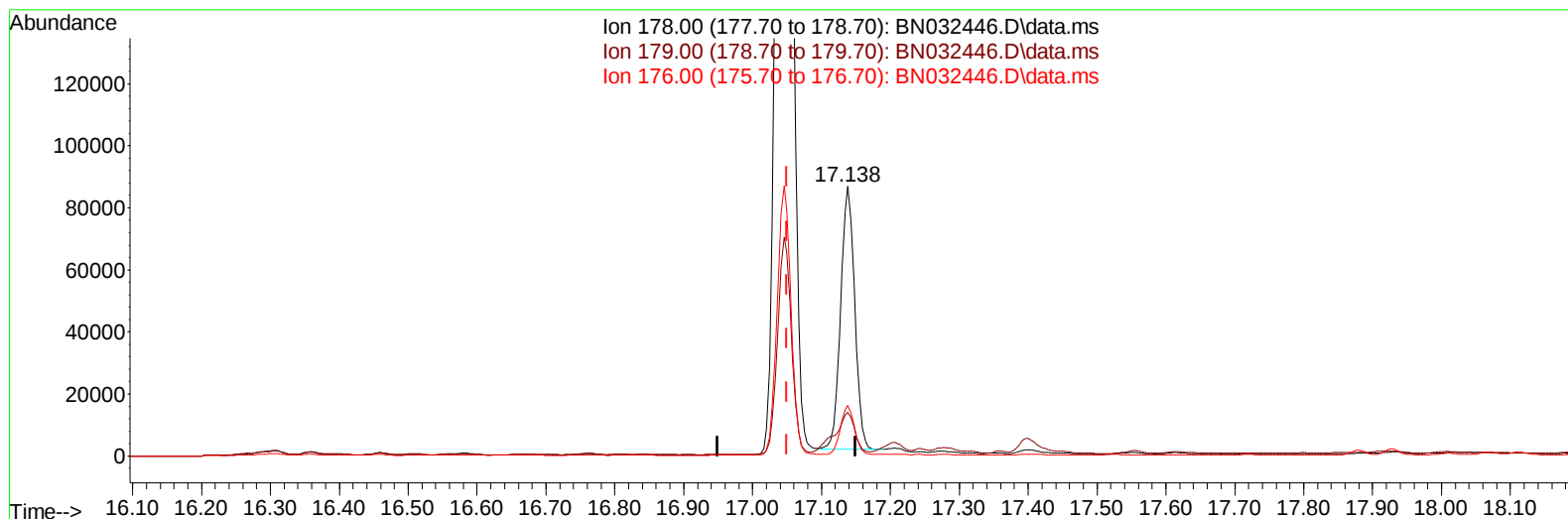
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(15) Phenanthrene

17.138min (+ 0.089) 2.09 ng/u1

response 119943

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.20
176.00	19.50	18.68
0.00	0.00	0.00

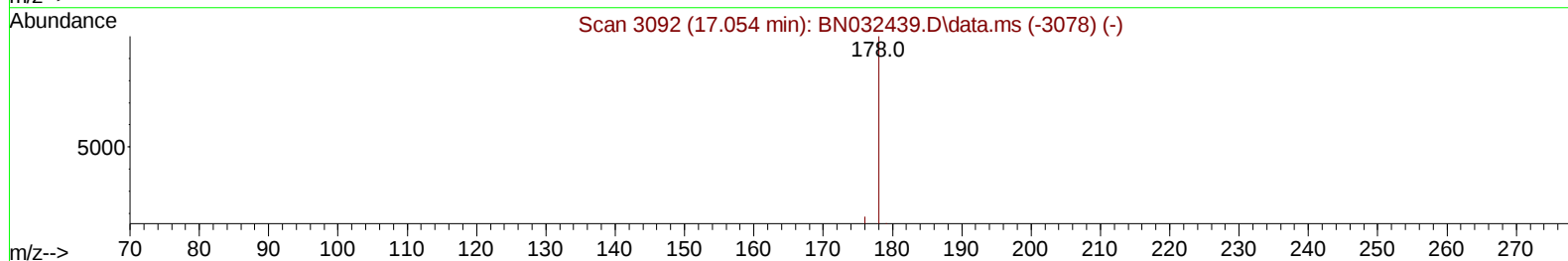
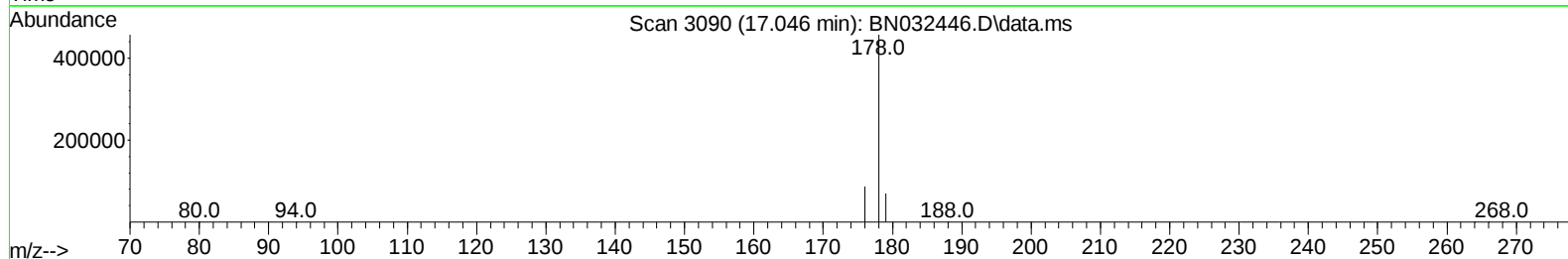
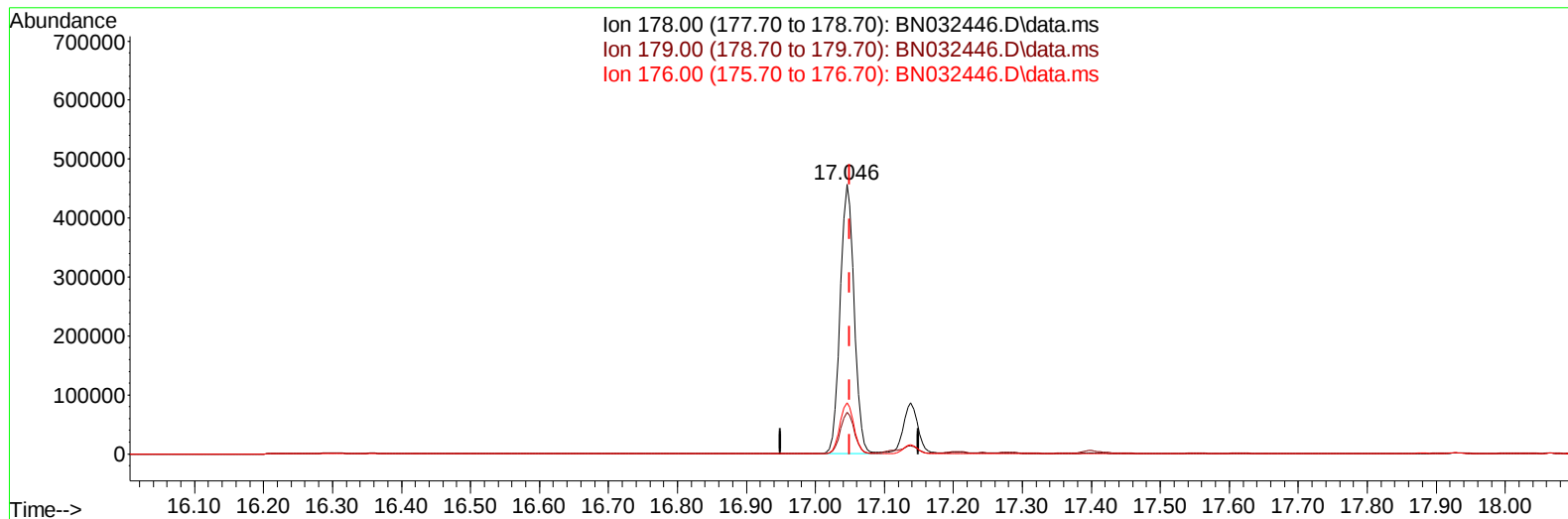
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 11.20 ng/ul m

response 643089

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.44
176.00	19.50	19.09
0.00	0.00	0.00

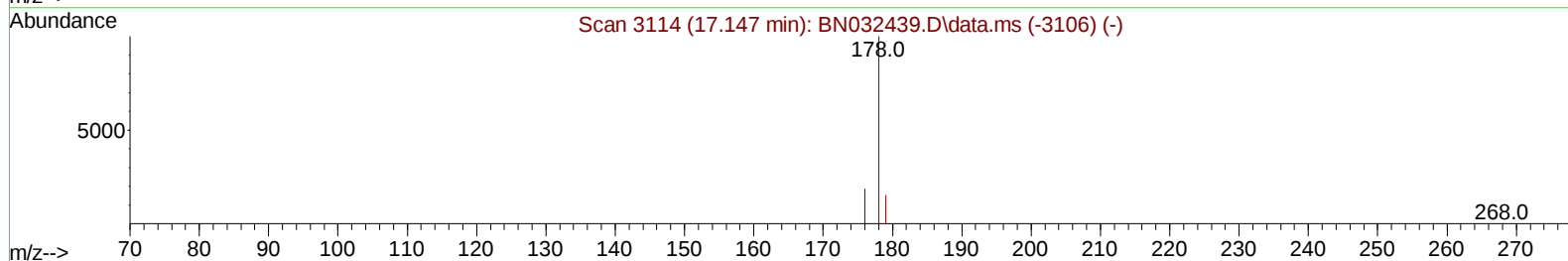
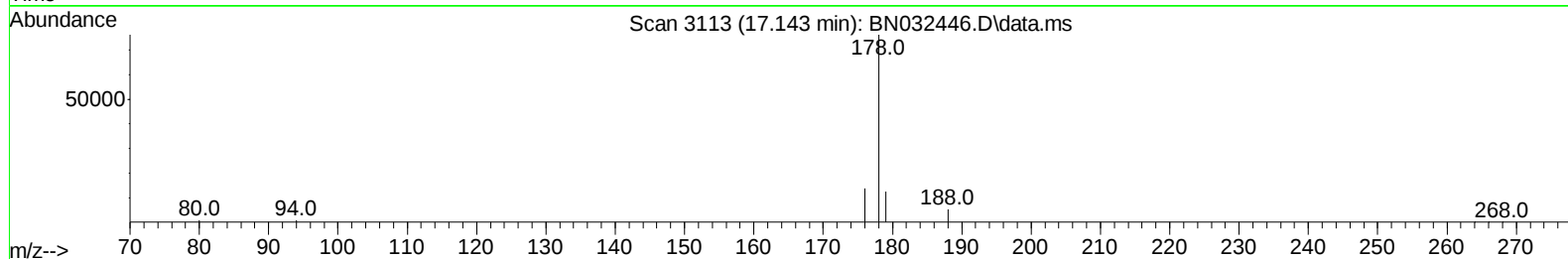
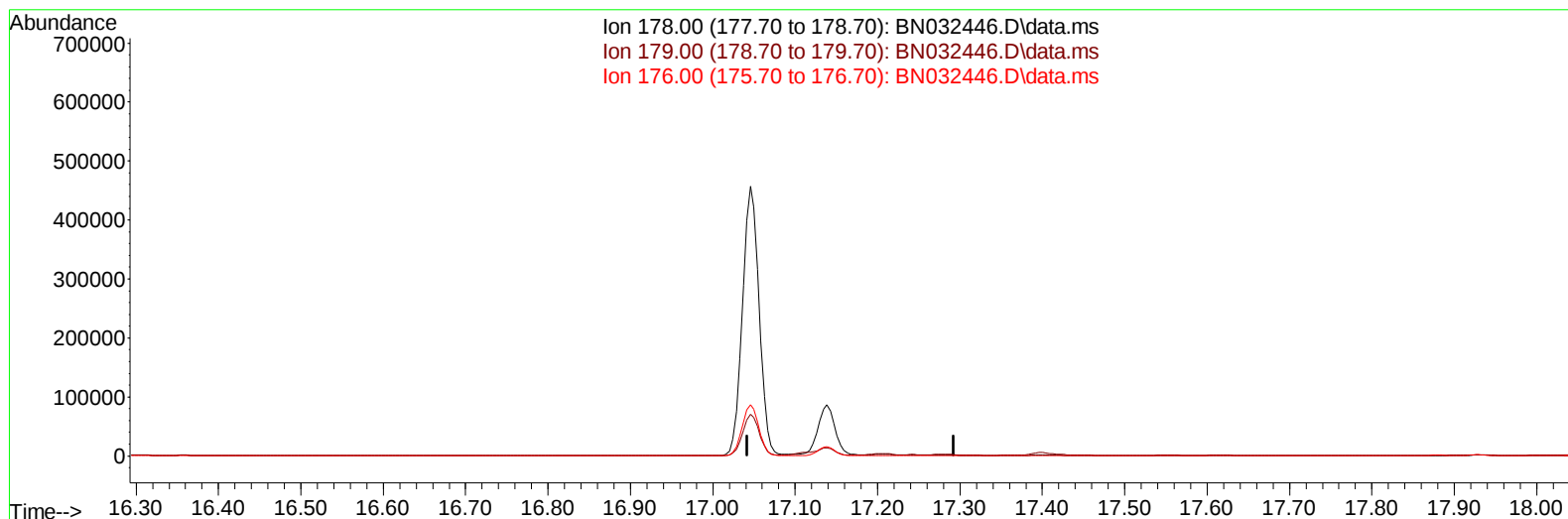
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(16) Anthracene

17.143min (-17.143) 0.00 ng/u1

response 0

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

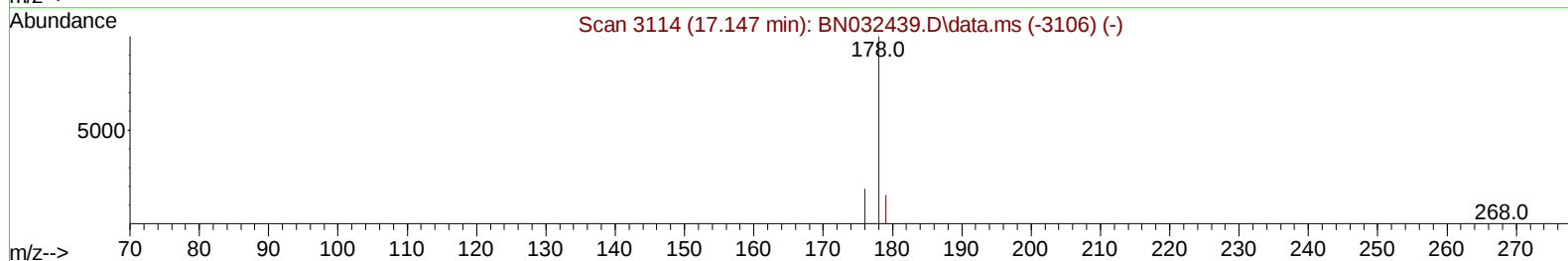
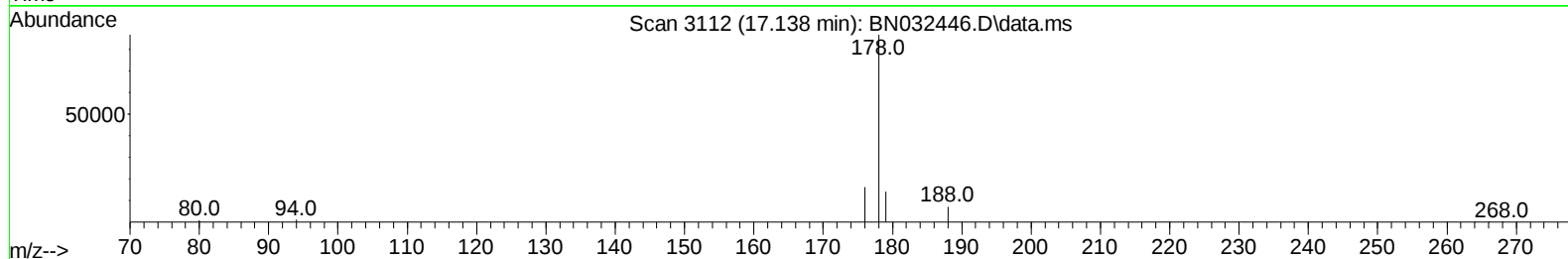
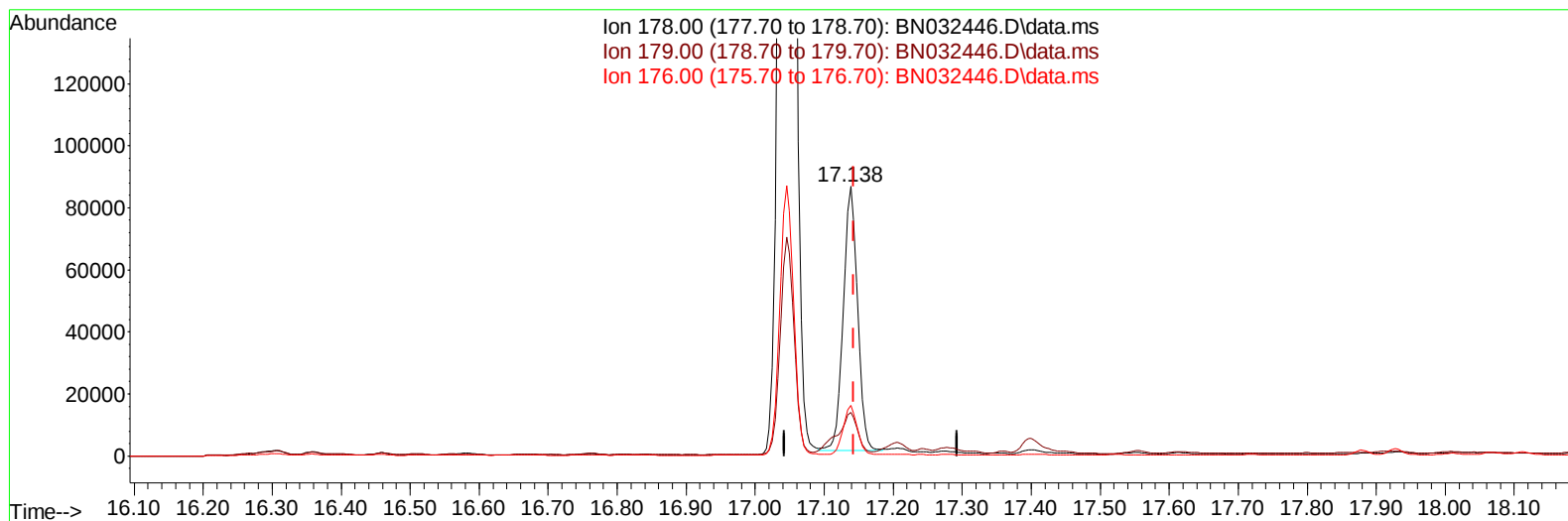
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(16) Anthracene

17.138min (-0.004) 2.38 ng/ul m

response 121776

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.20
176.00	18.80	18.68
0.00	0.00	0.00

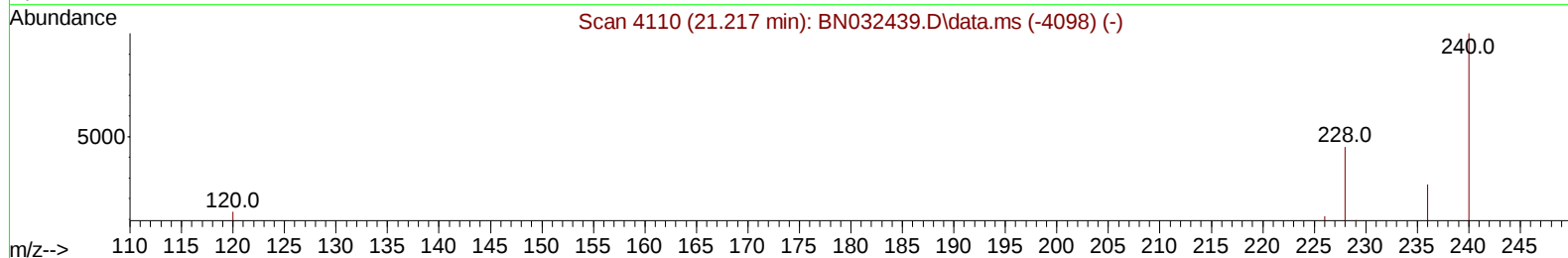
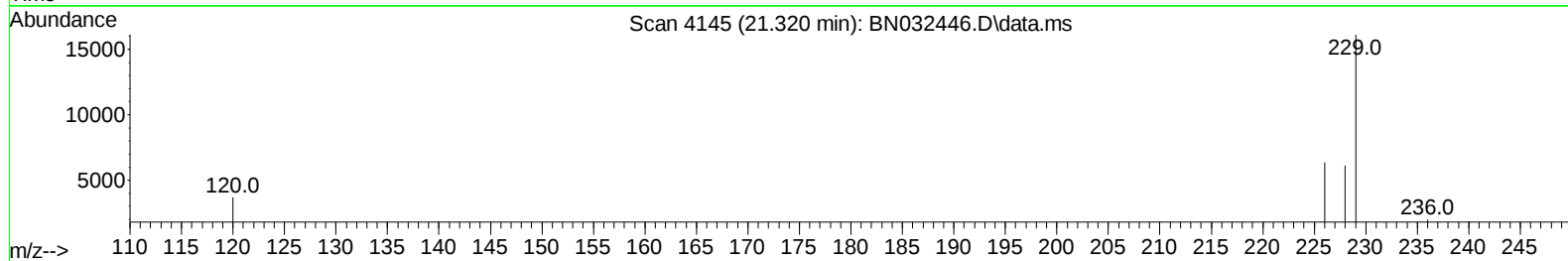
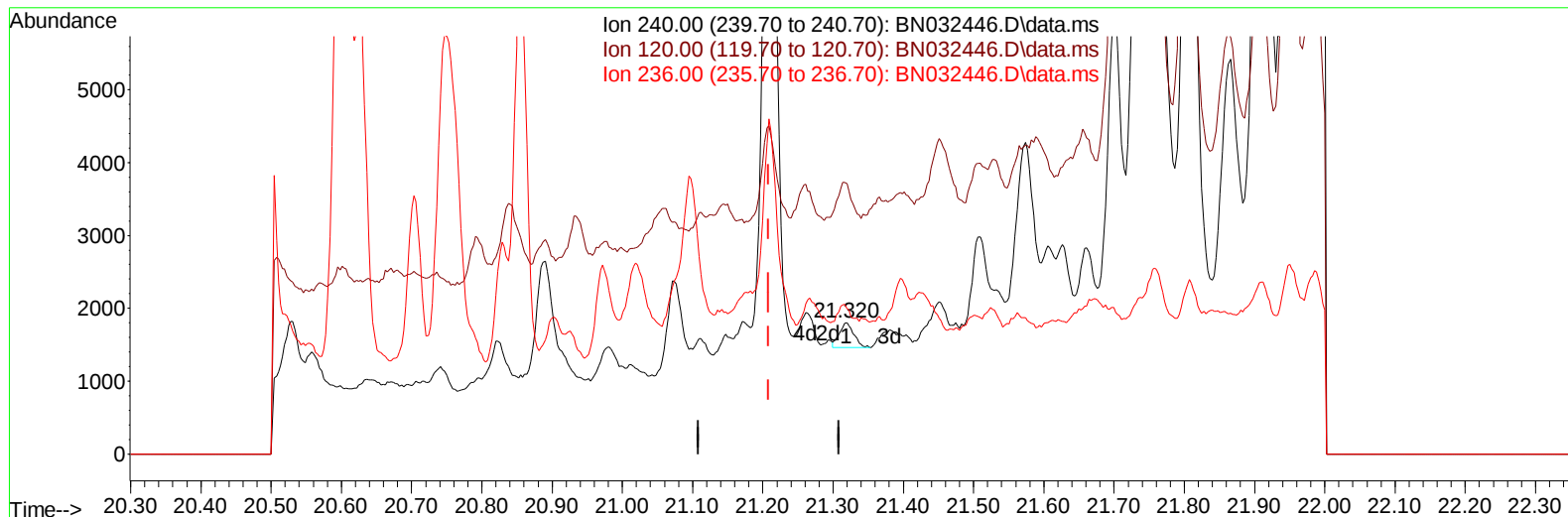
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.111) 0.40 ng/u1

response 480

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	206.10#
236.00	28.40	110.88#
0.00	0.00	0.00

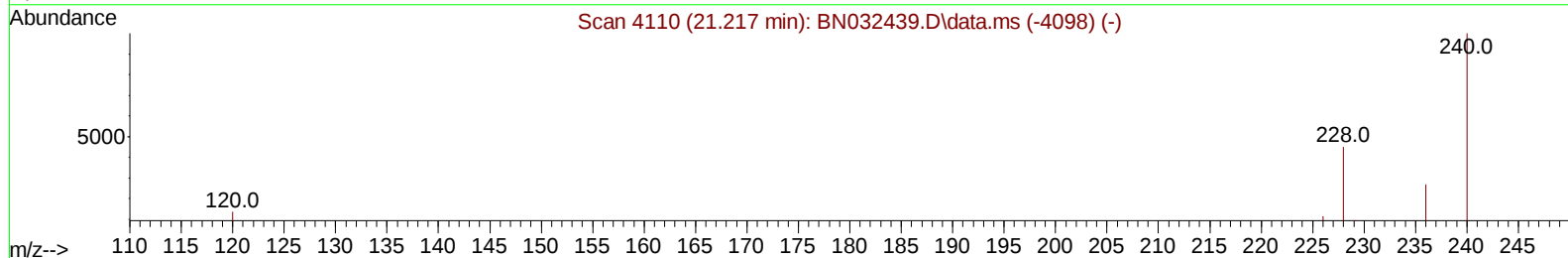
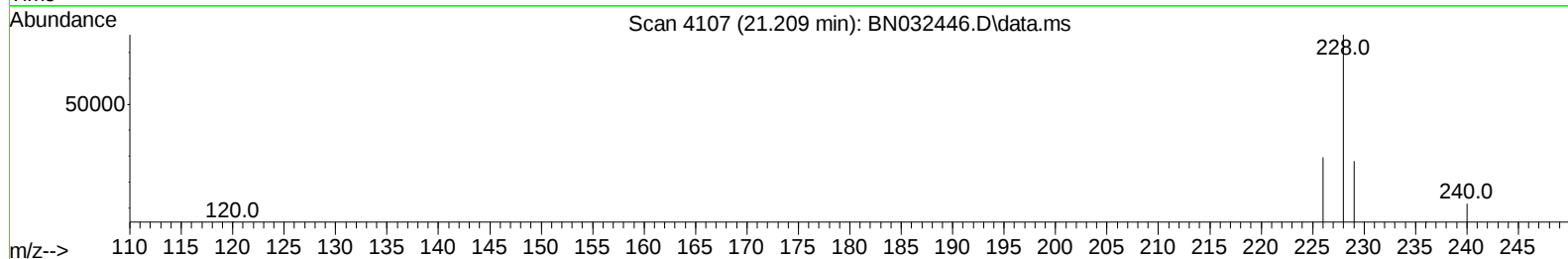
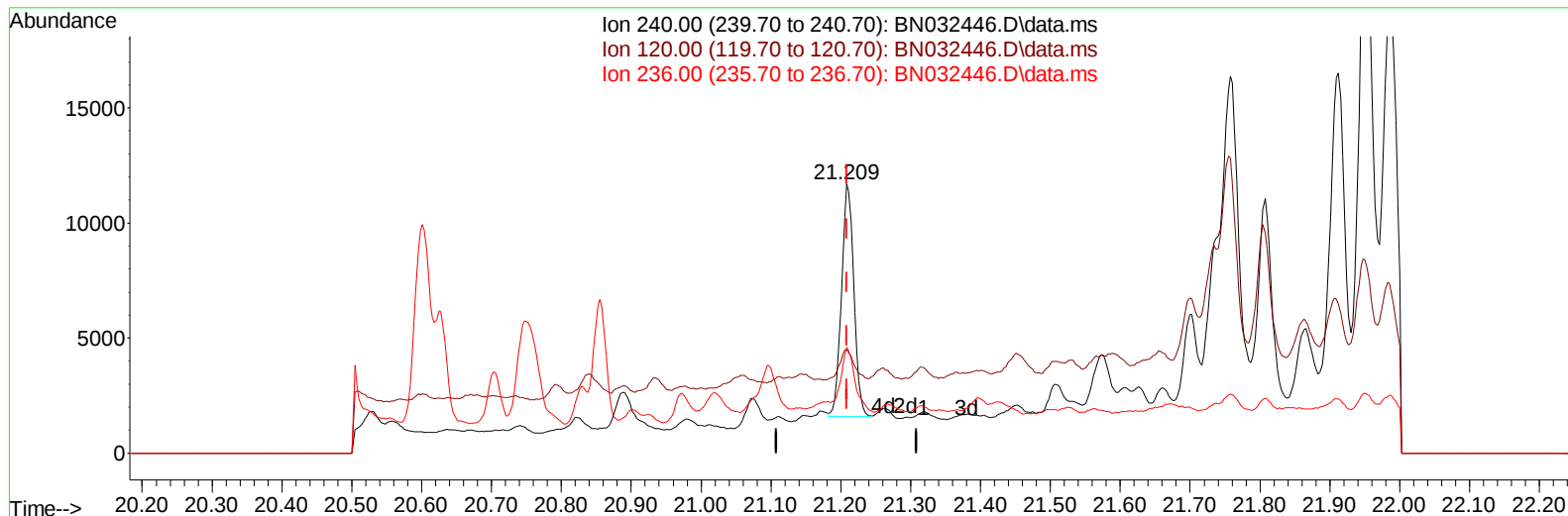
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(17) Chrysene-d12

21.209min (0.000) 0.40 ng/u1 m

response 12480

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	38.55#
236.00	28.40	39.39#
0.00	0.00	0.00

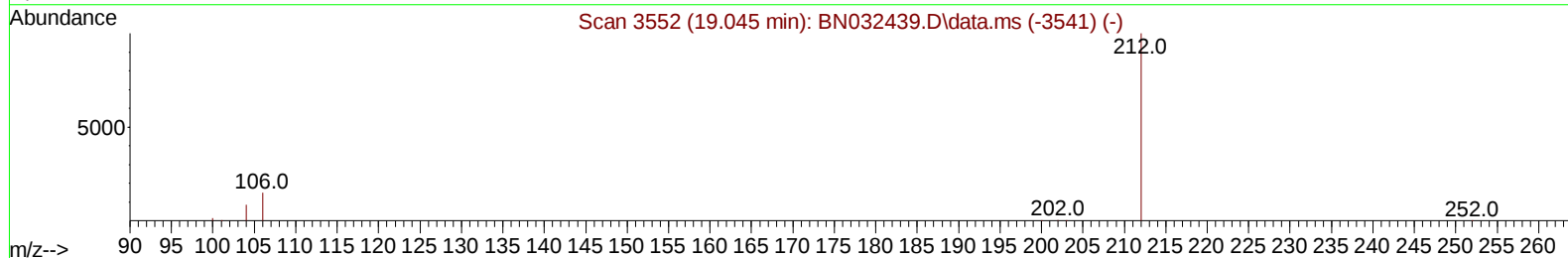
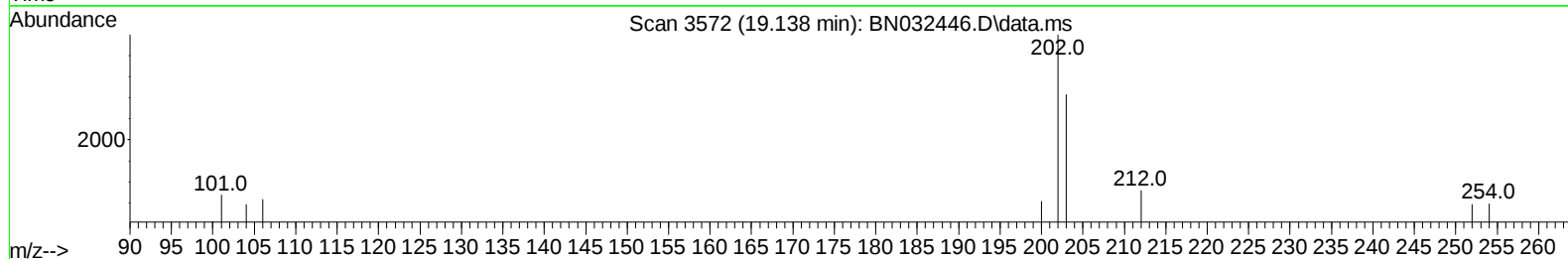
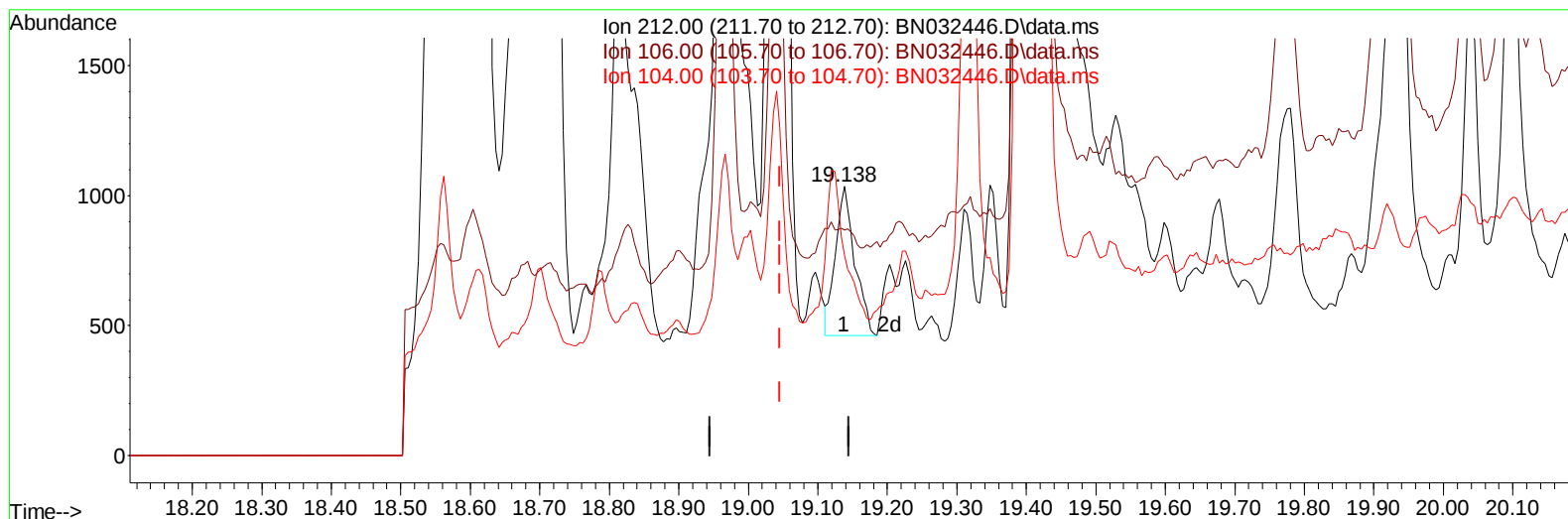
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.093) 0.03 ng/u1

response 1115

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	35.52#
104.00	8.40	99.37#
0.00	0.00	0.00

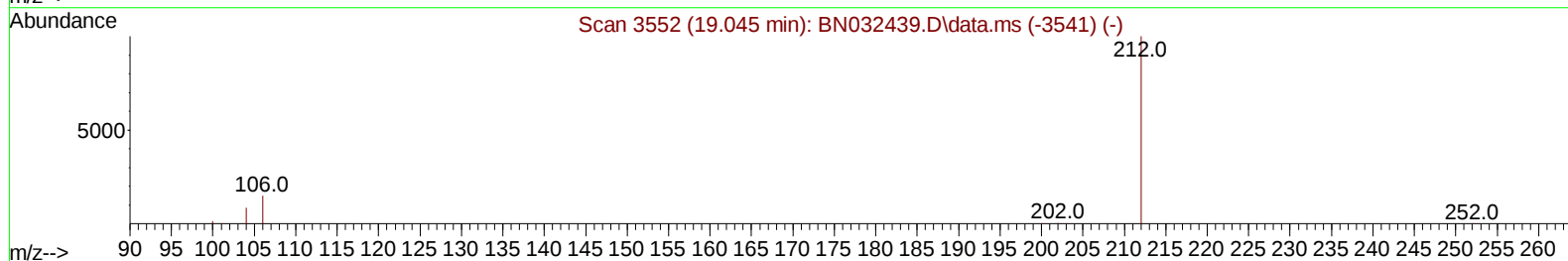
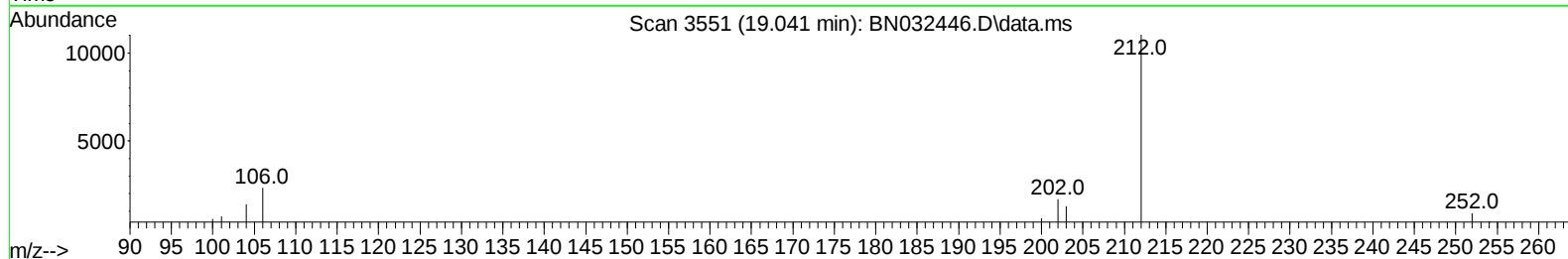
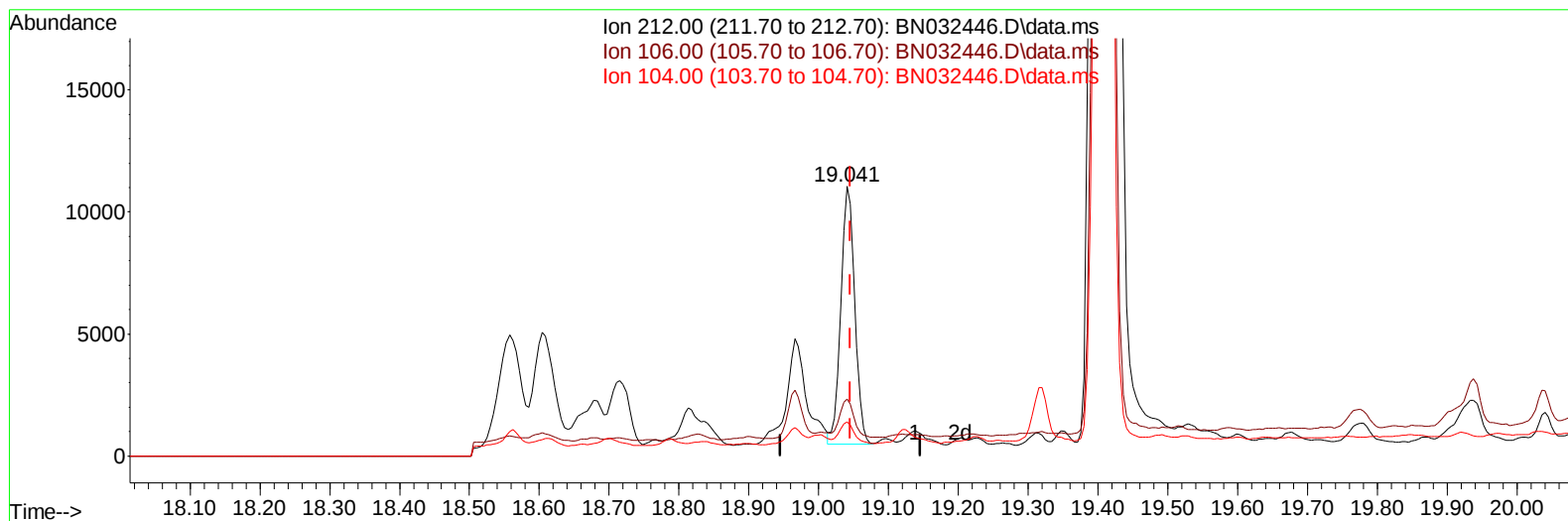
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.39 ng/u1 m

response 14712

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	2.69#
104.00	8.40	7.53
0.00	0.00	0.00

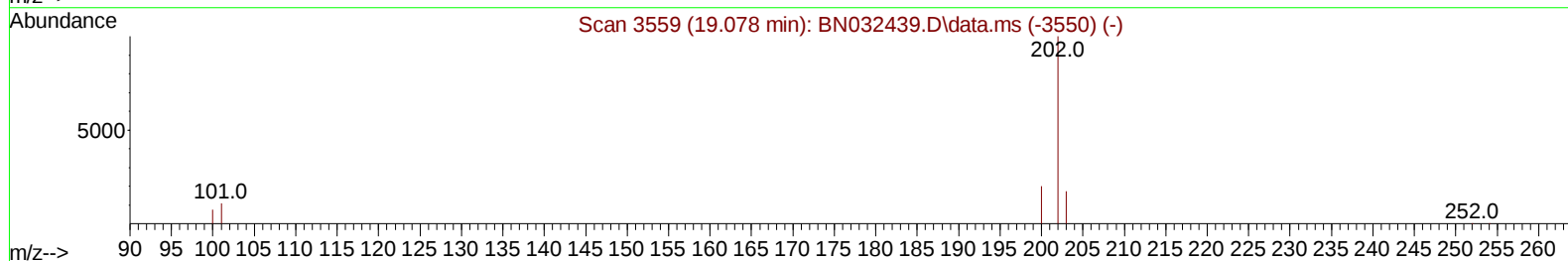
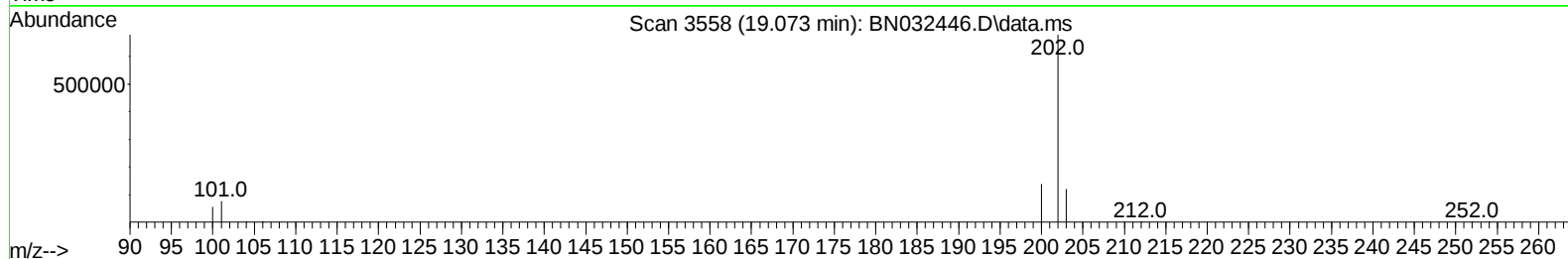
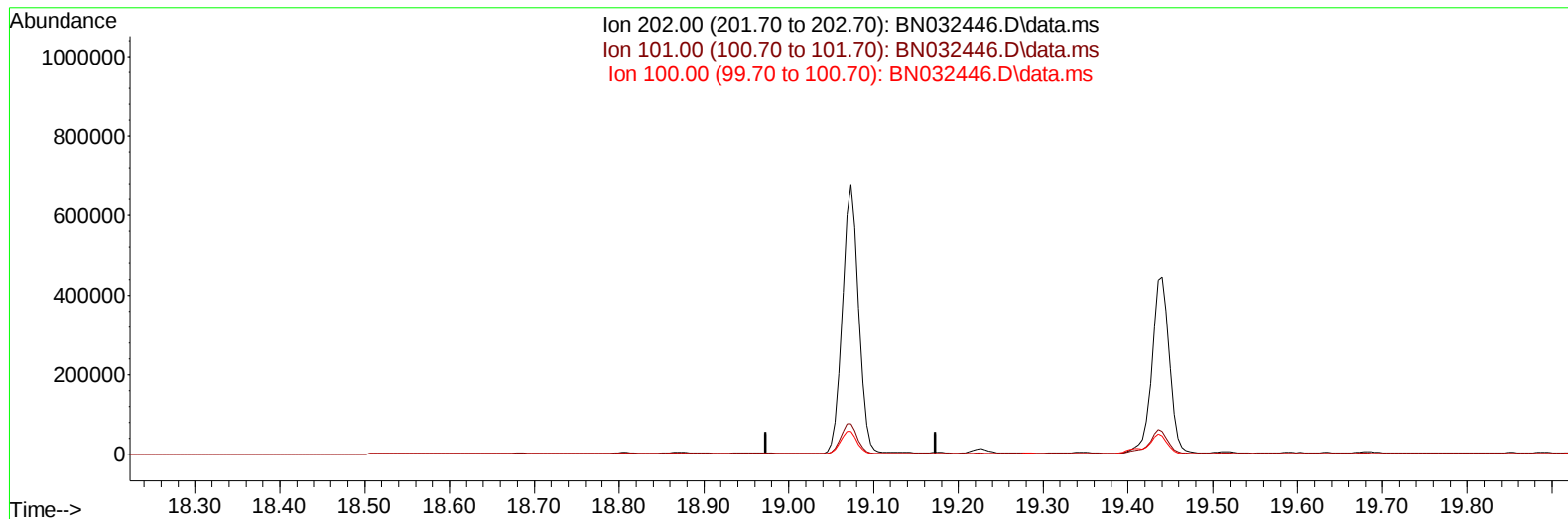
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032446.D\data.ms

(19) Fluoranthene (C)

19.073min (-19.073) 0.00 ng/u1

response 0

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

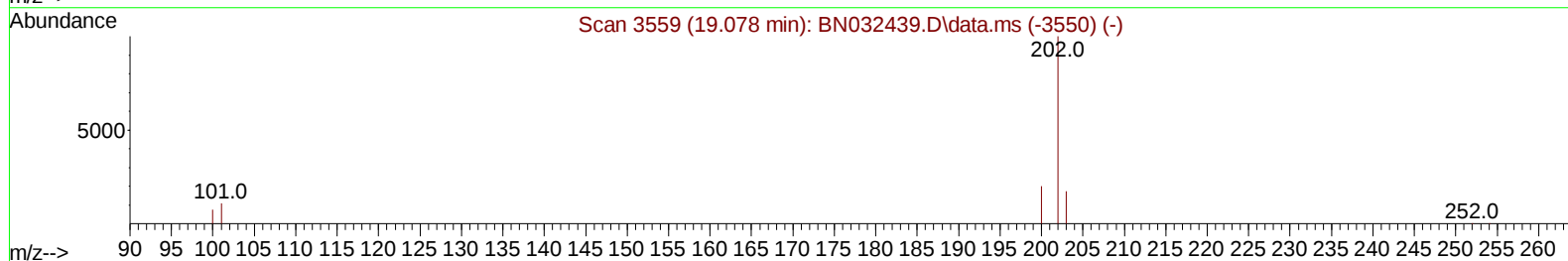
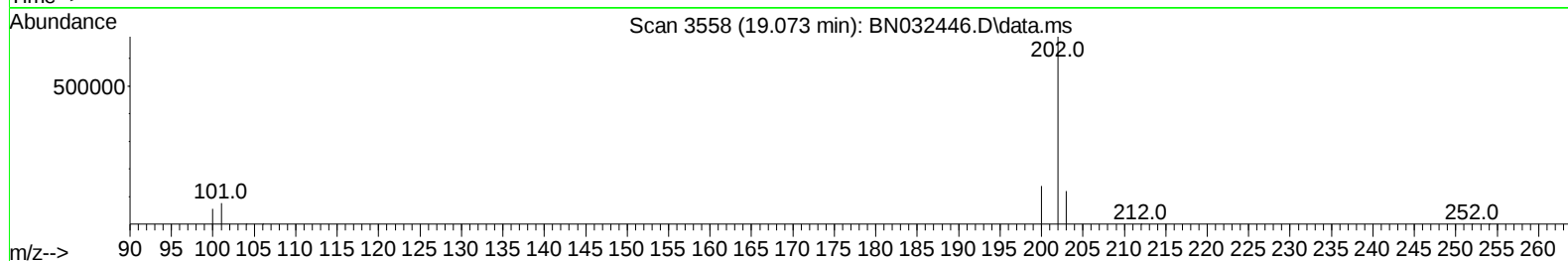
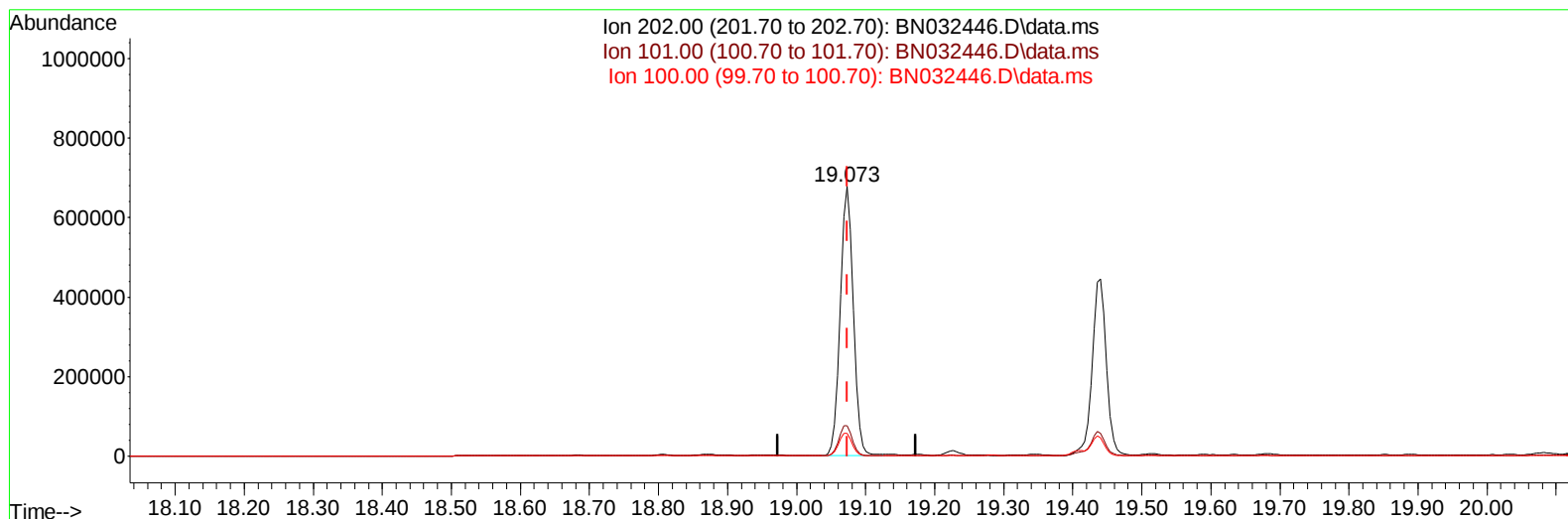
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032446.D\data.ms

(19) Fluoranthene (C)

19.073min (0.000) 19.02 ng/ul m

response 903994

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.23
100.00	8.00	8.32
0.00	0.00	0.00

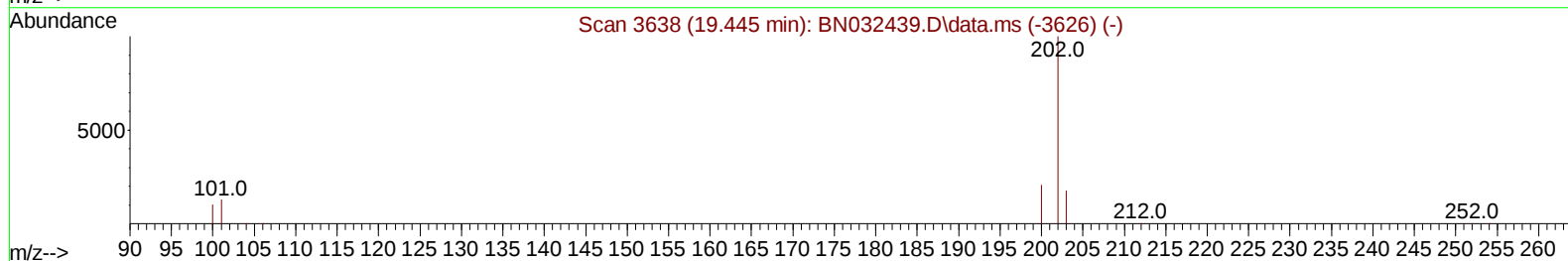
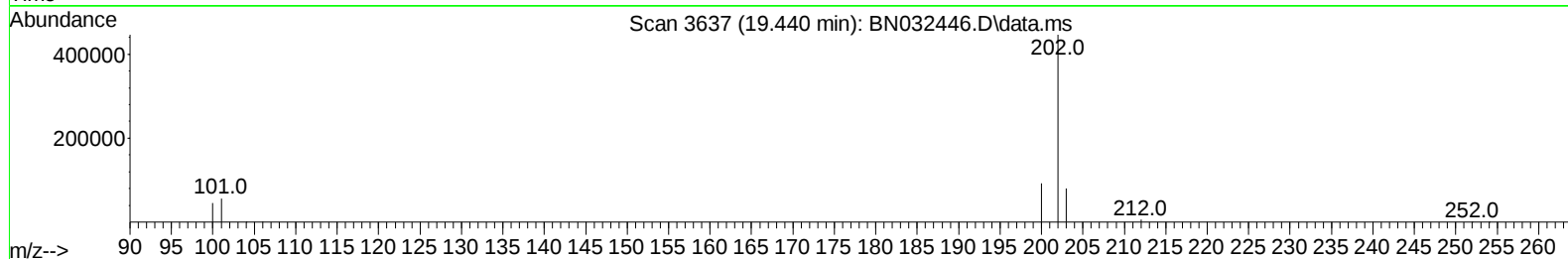
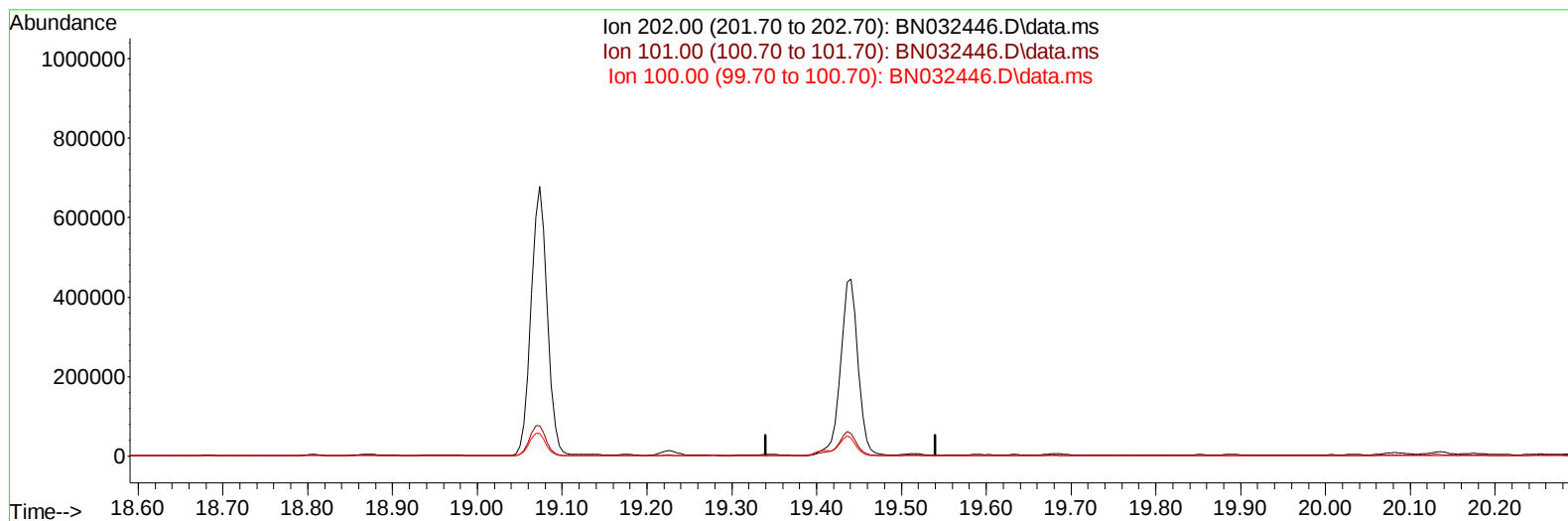
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032446.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/u1

response 0

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

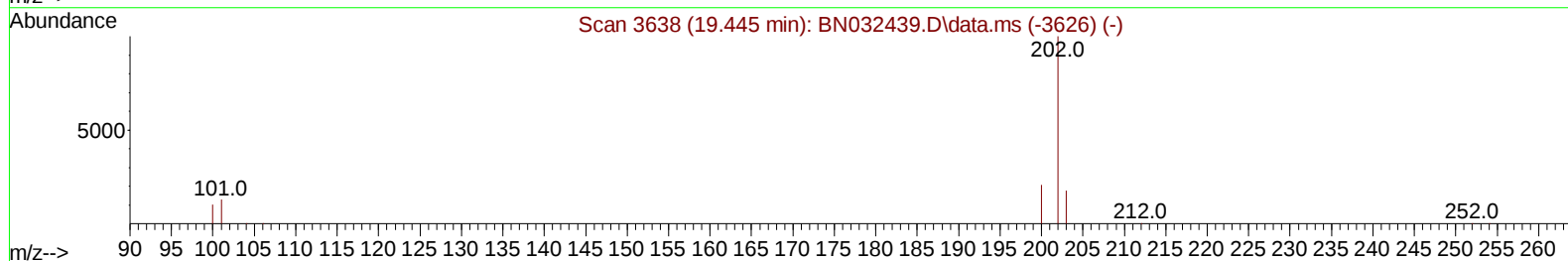
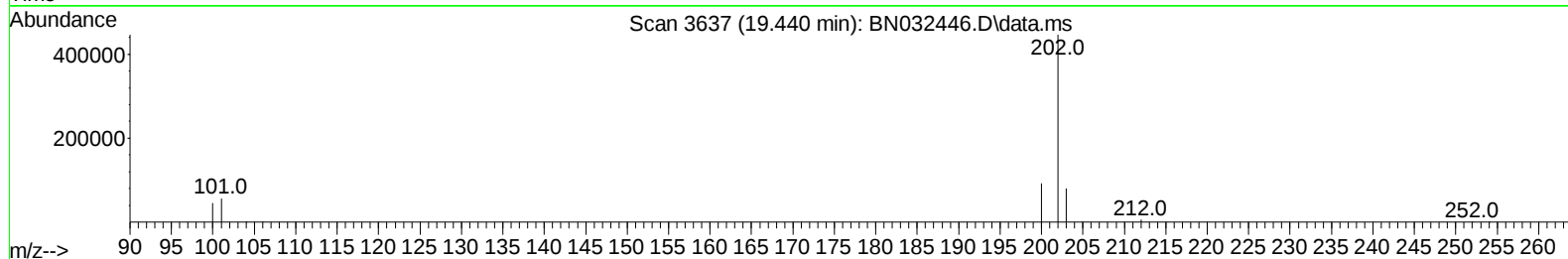
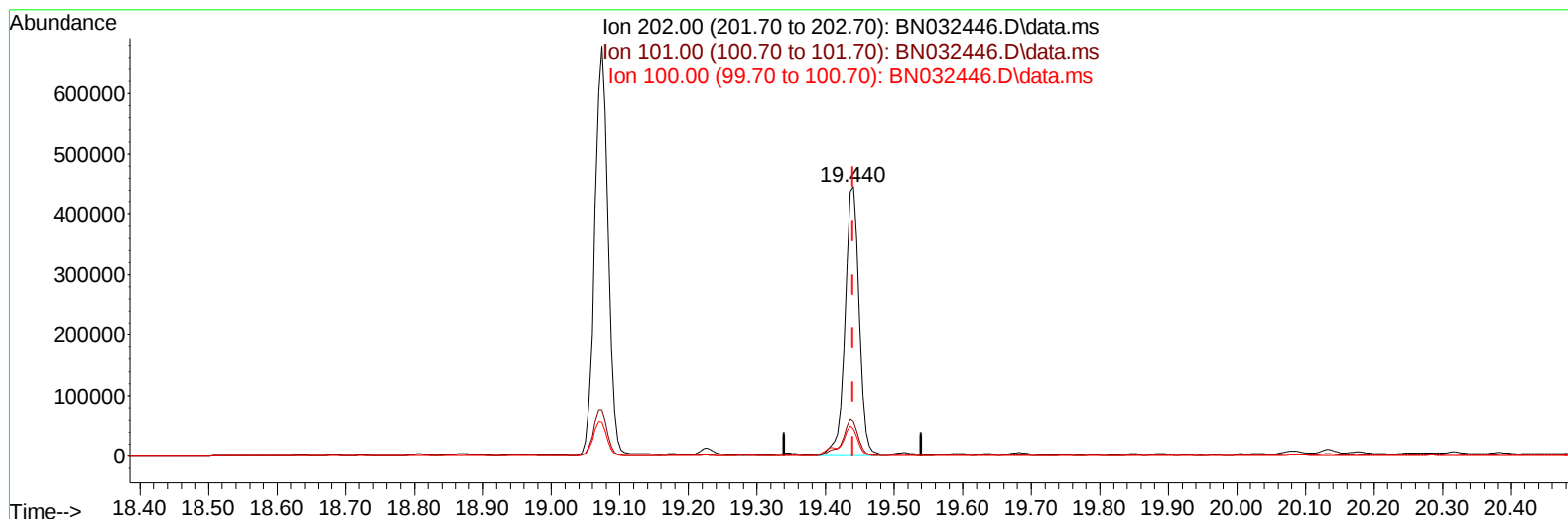
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(20) Pyrene

19.440min (+ 0.000) 12.91 ng/ul m

response 640975

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.77
100.00	10.90	10.15
0.00	0.00	0.00

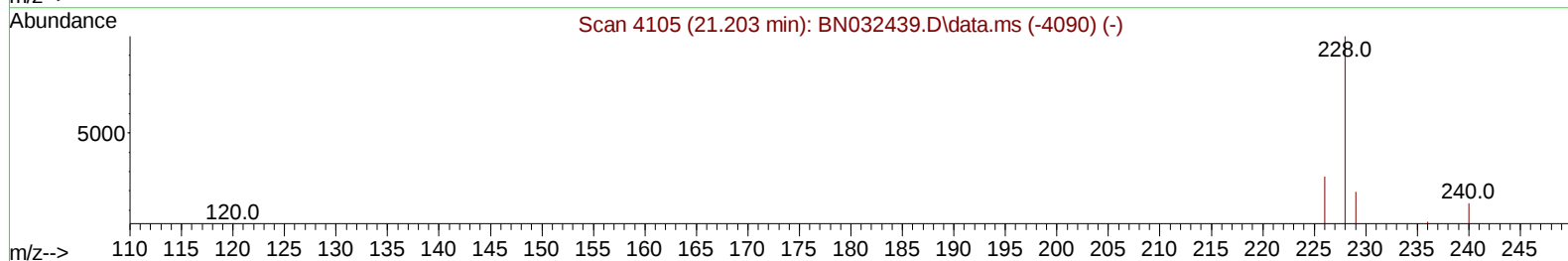
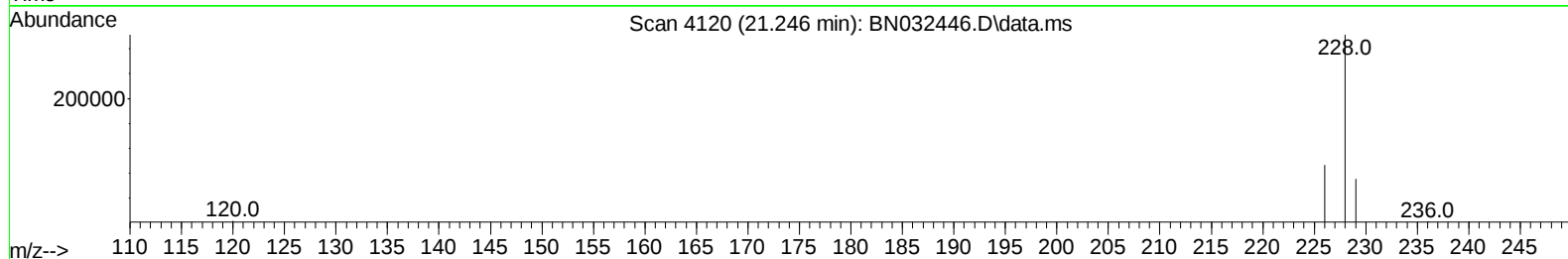
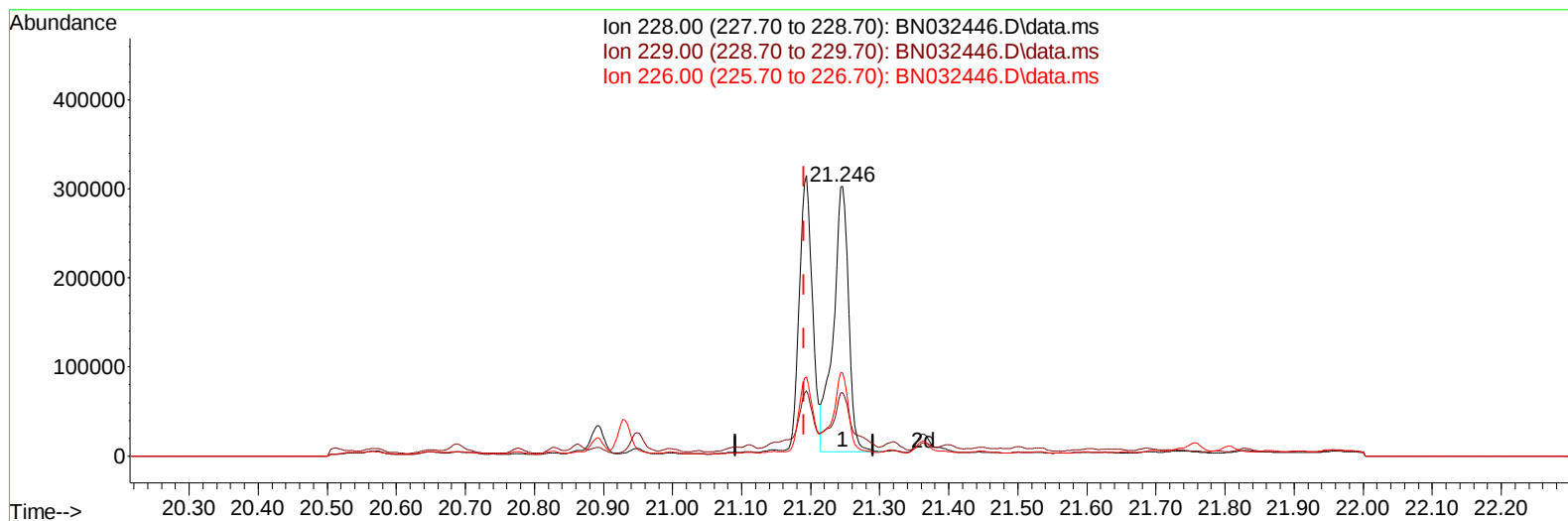
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(21) Benzo(a)anthracene

21.246min (+ 0.056) 10.19 ng/u1

response 459044

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.51
226.00	27.30	30.74
0.00	0.00	0.00

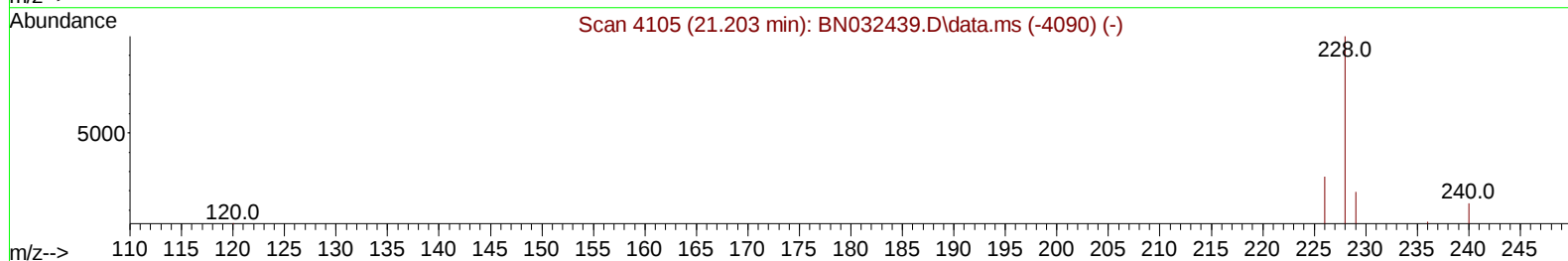
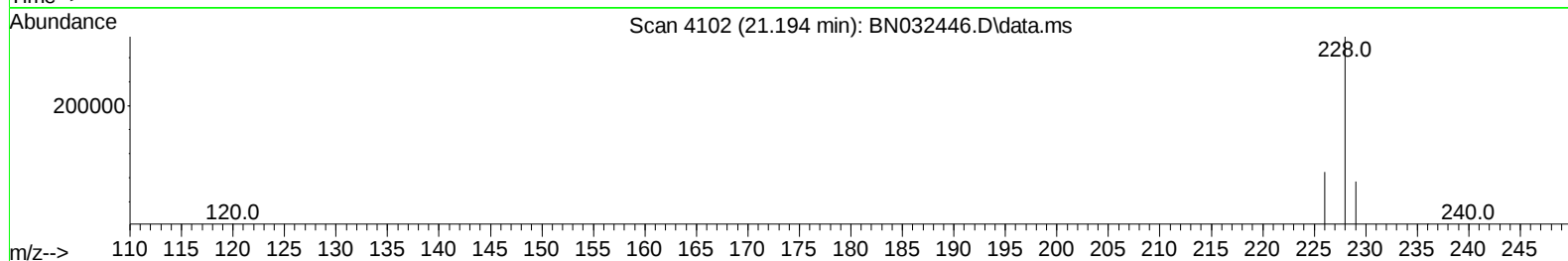
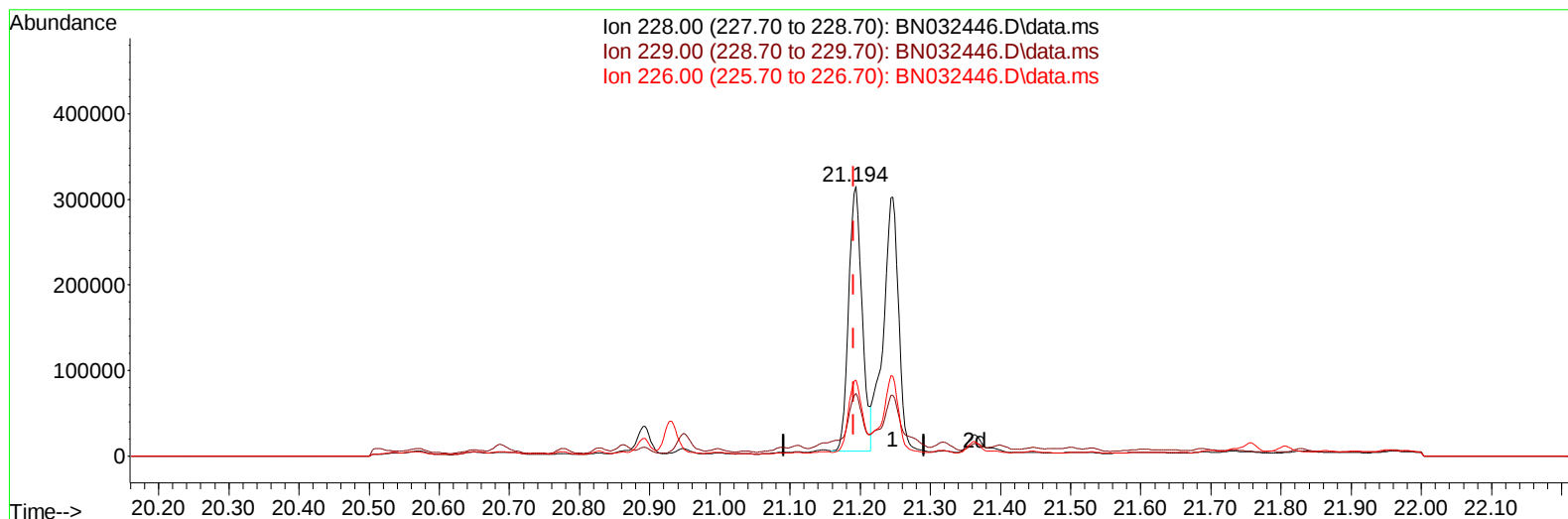
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 9.14 ng/ul m

response 411770

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.33
226.00	27.30	28.21
0.00	0.00	0.00

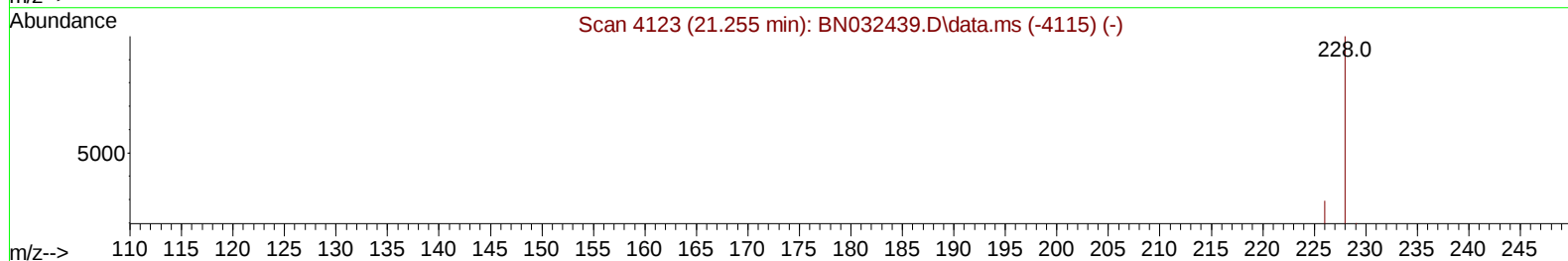
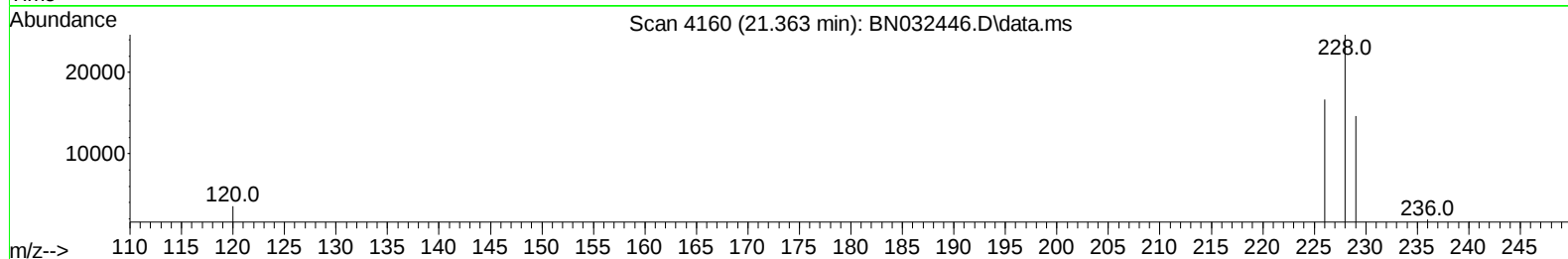
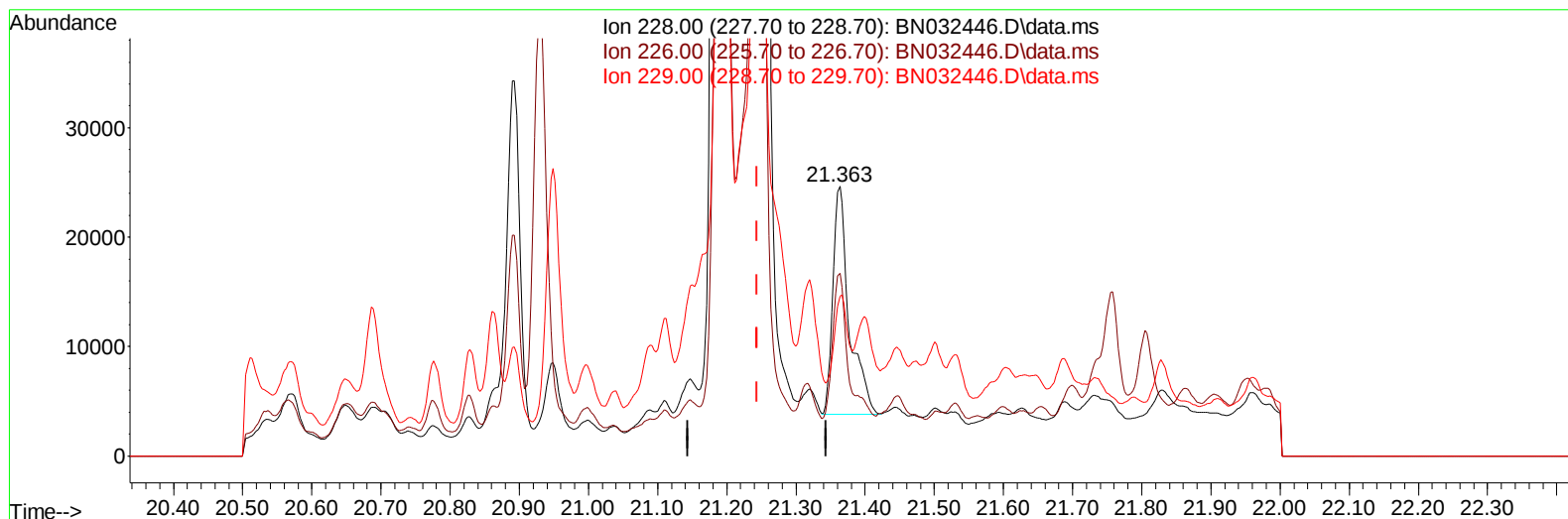
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(22) Chrysene

21.363min (+ 0.120) 0.69 ng/u1

response 34199

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	67.68#
229.00	19.60	59.41#
0.00	0.00	0.00

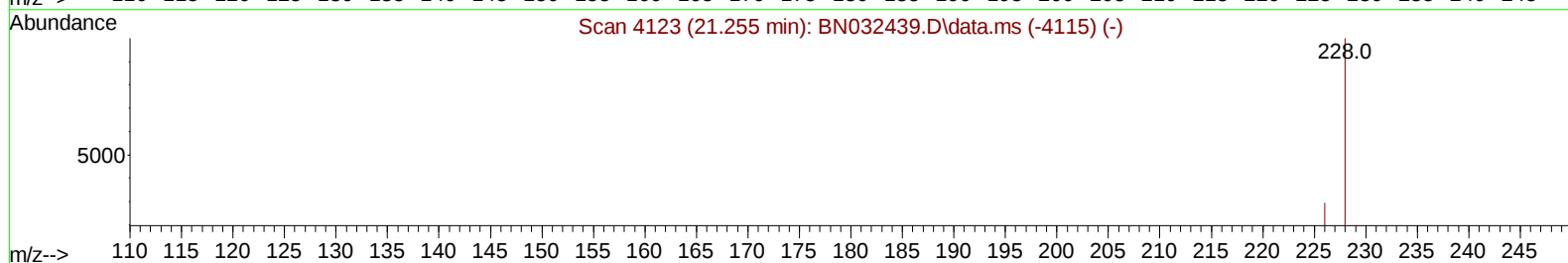
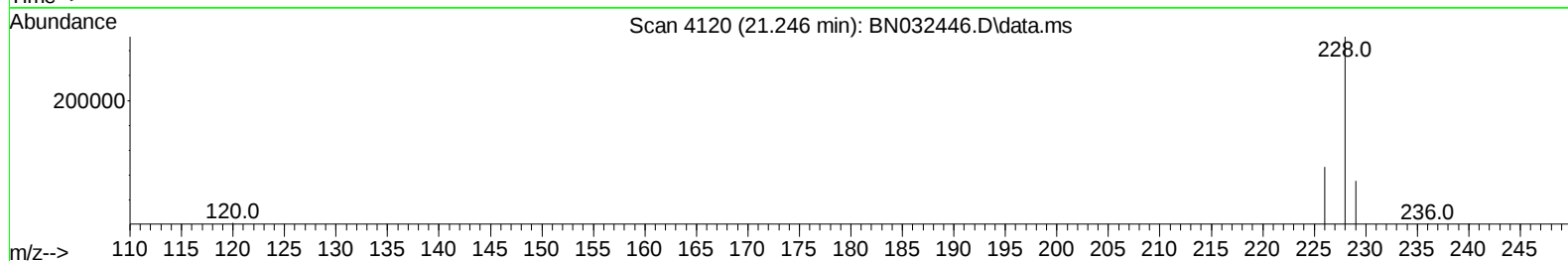
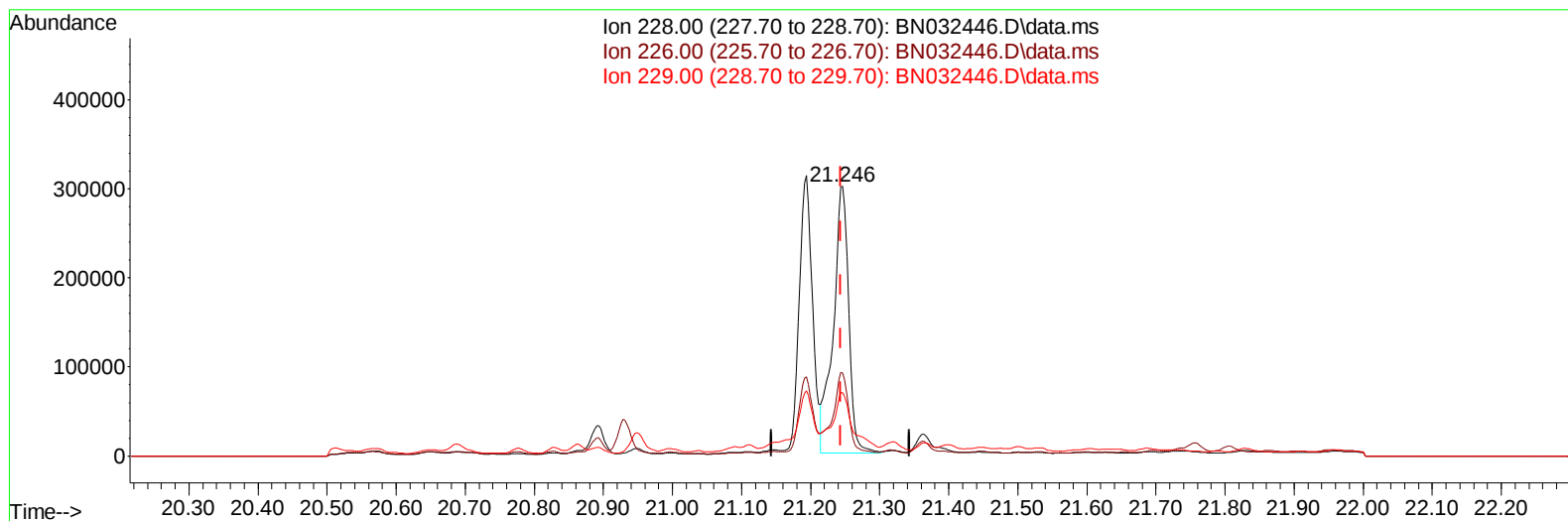
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(22) Chrysene

21.246min (+ 0.003) 9.50 ng/ul m

response 469511

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.74
229.00	19.60	23.51
0.00	0.00	0.00

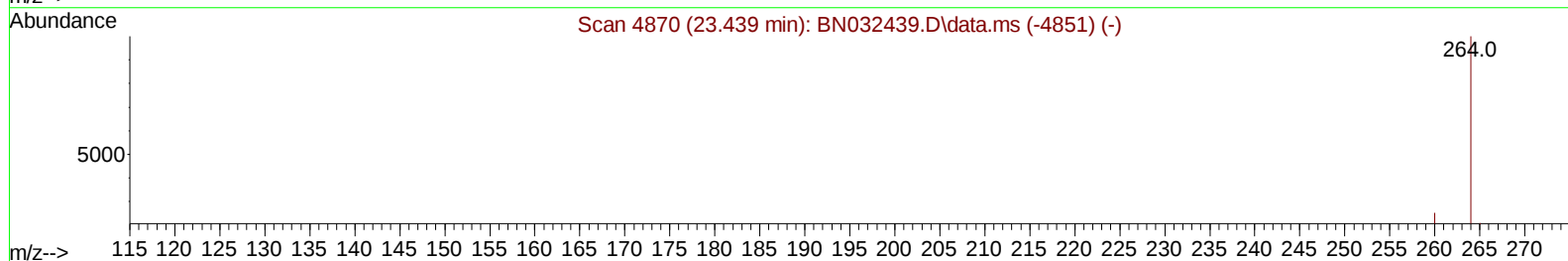
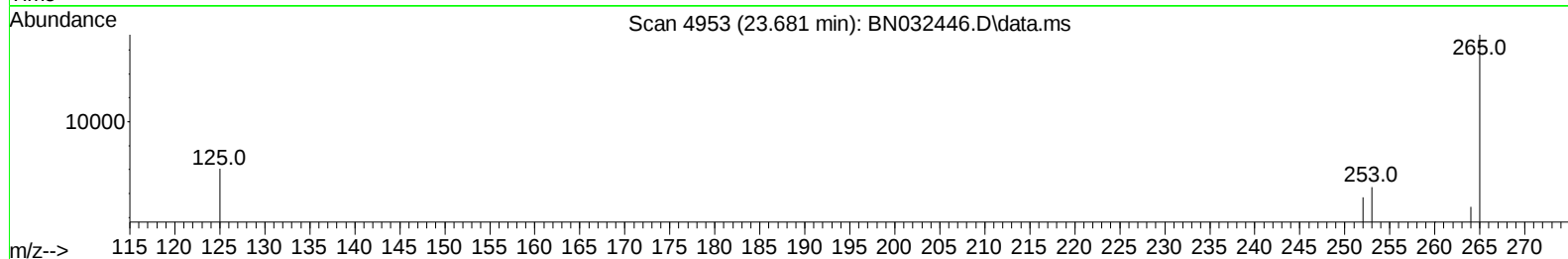
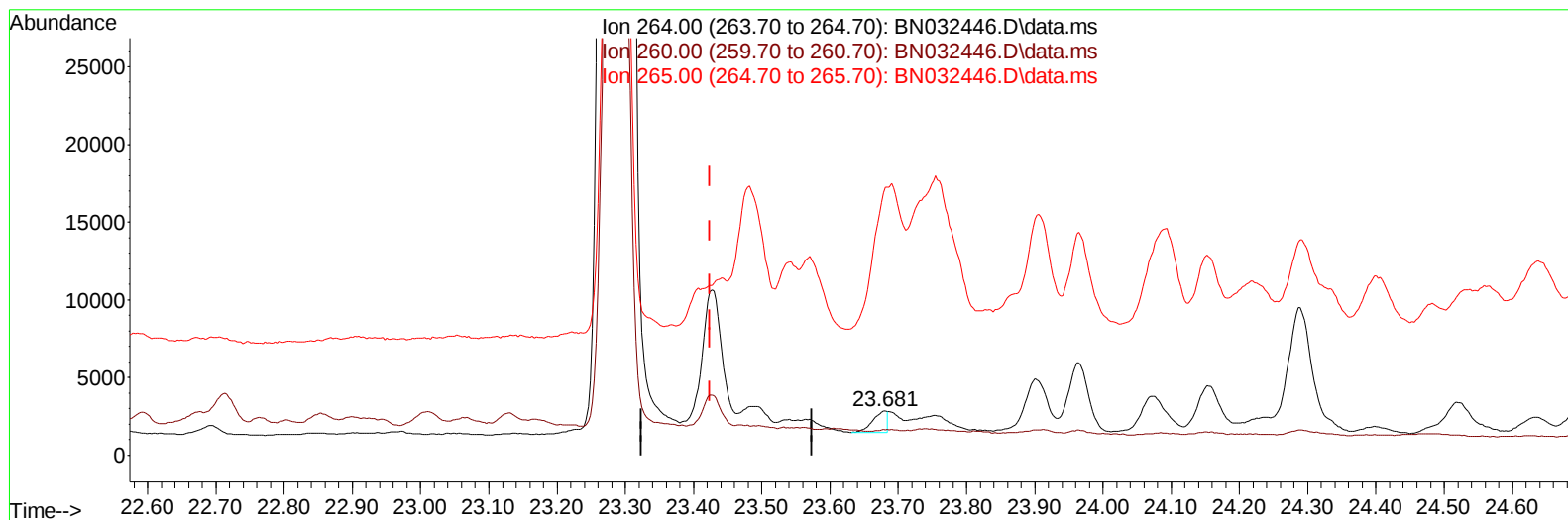
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(23) Perylene-d12 (I)

23.681min (+ 0.257) 0.40 ng/u1

response 2059

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	56.34#
265.00	67.20	603.43#
0.00	0.00	0.00

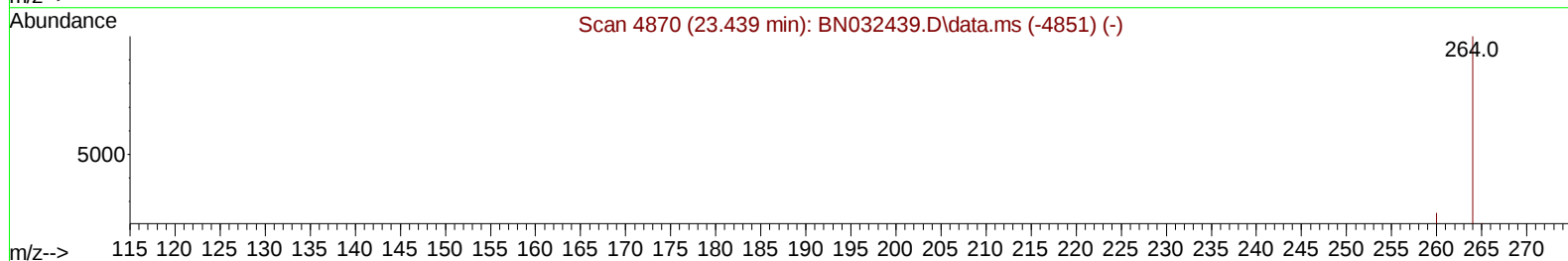
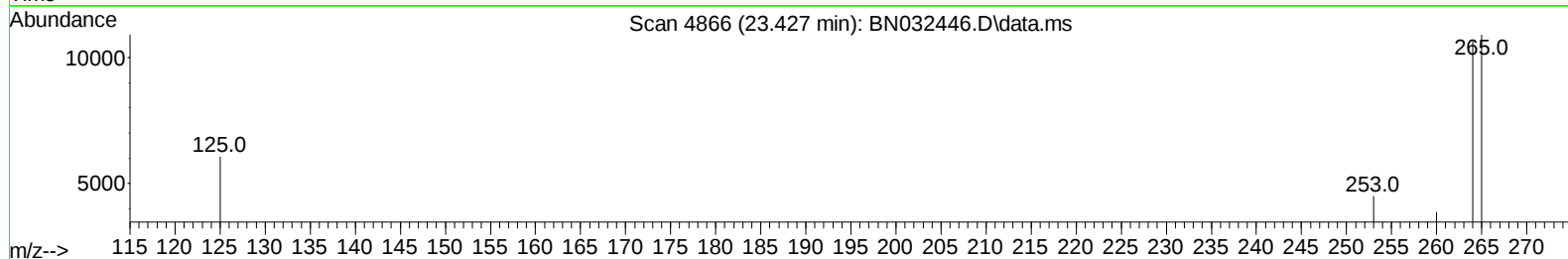
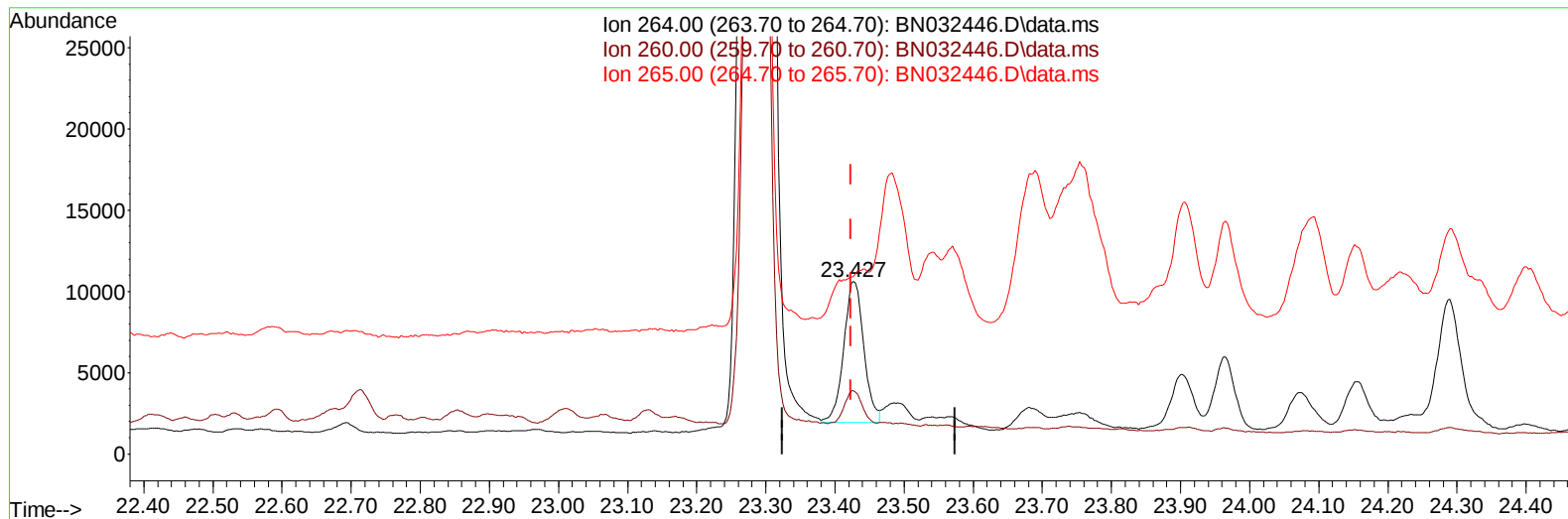
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 17652

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	36.47#
265.00	67.20	102.58#
0.00	0.00	0.00

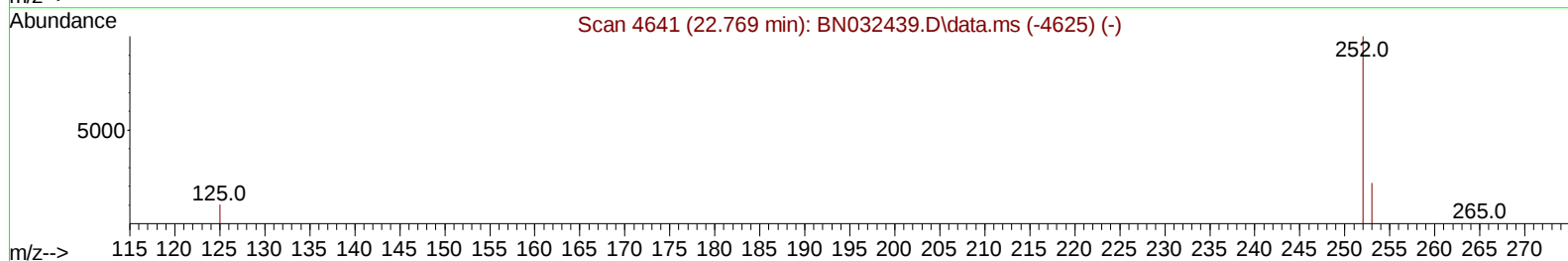
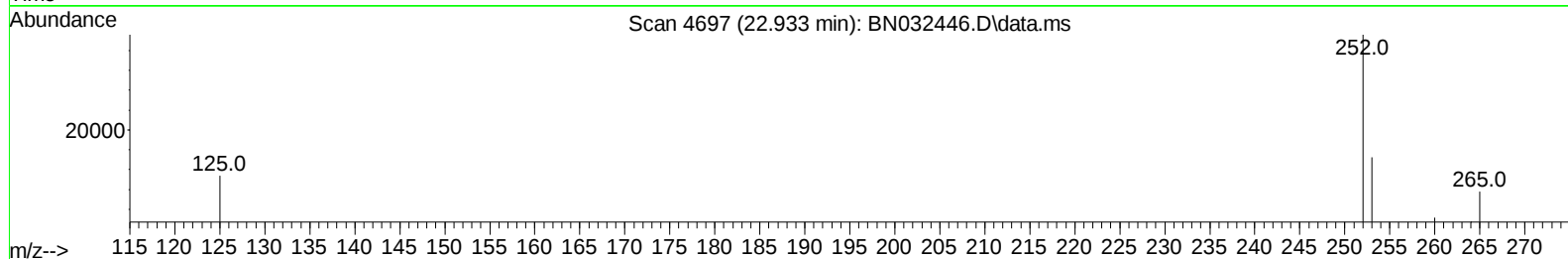
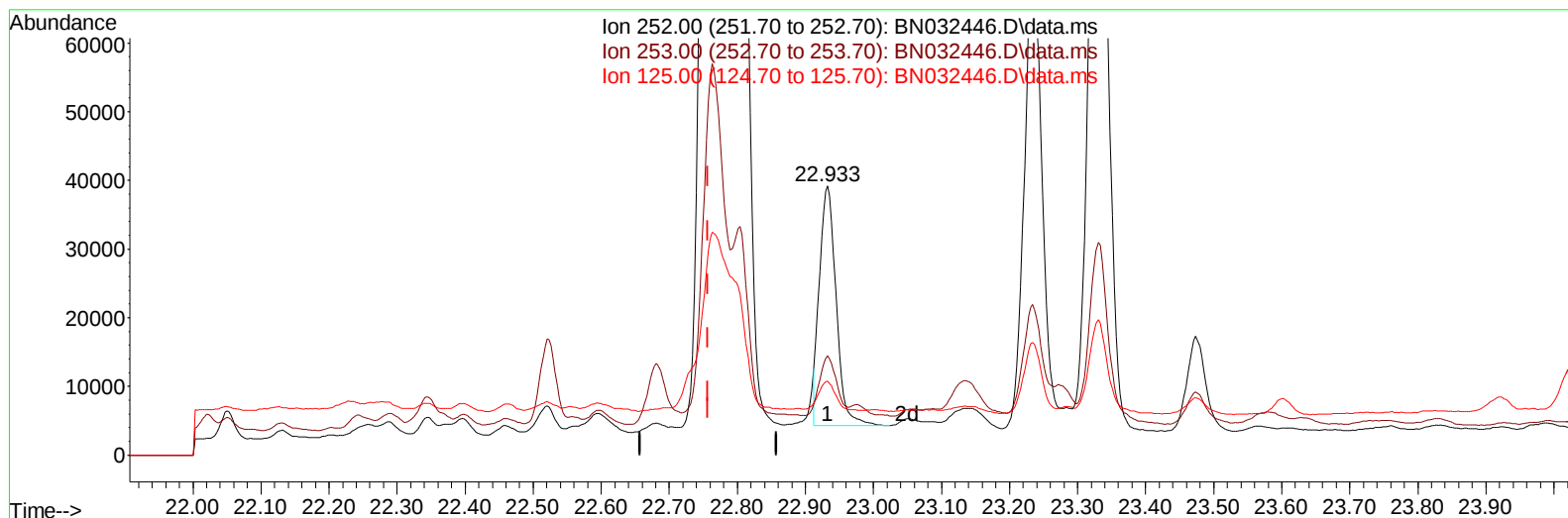
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.175) 0.78 ng/u1

response 59699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	36.84
125.00	16.00	27.50
0.00	0.00	0.00

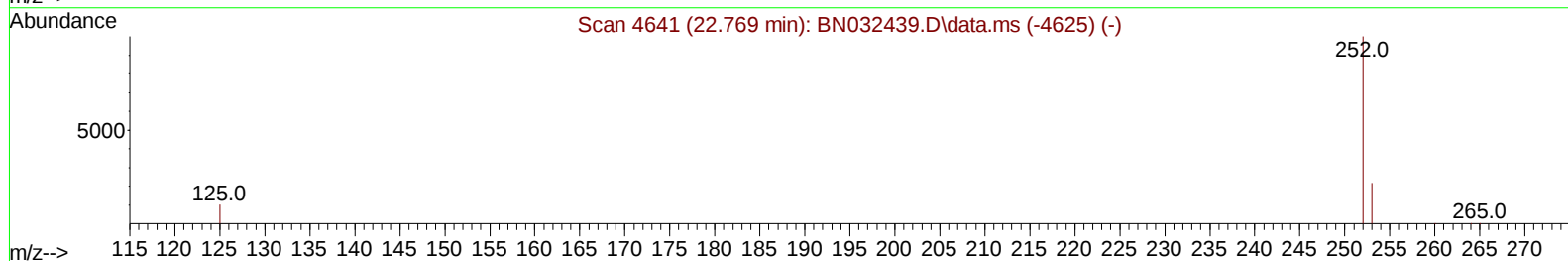
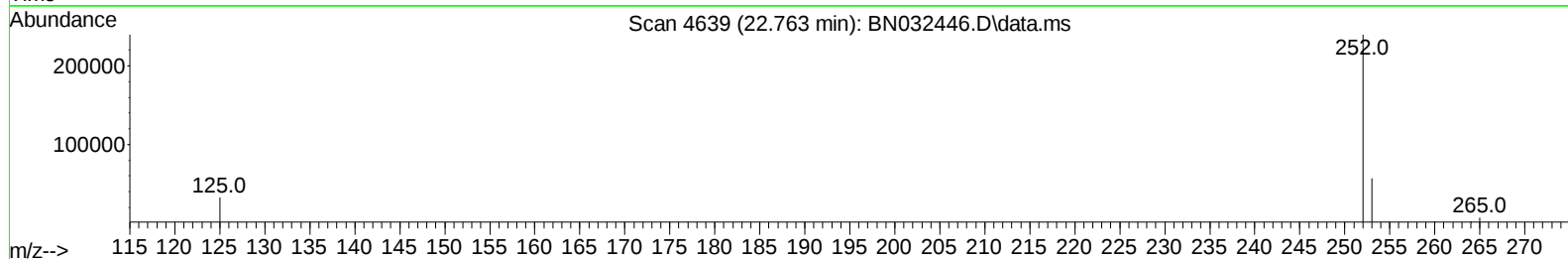
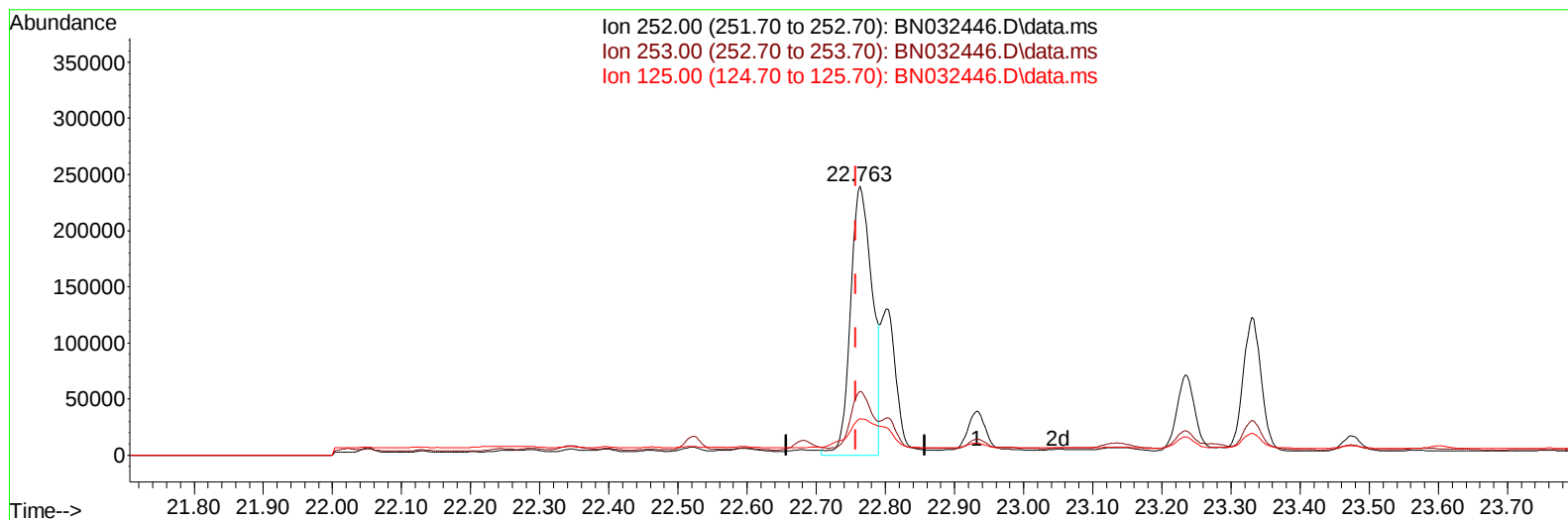
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032446.D
 Acq On : 03 Jul 2024 21:11
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (+ 0.006) 6.76 ng/u1 m

response 518353

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.79
125.00	16.00	13.54
0.00	0.00	0.00

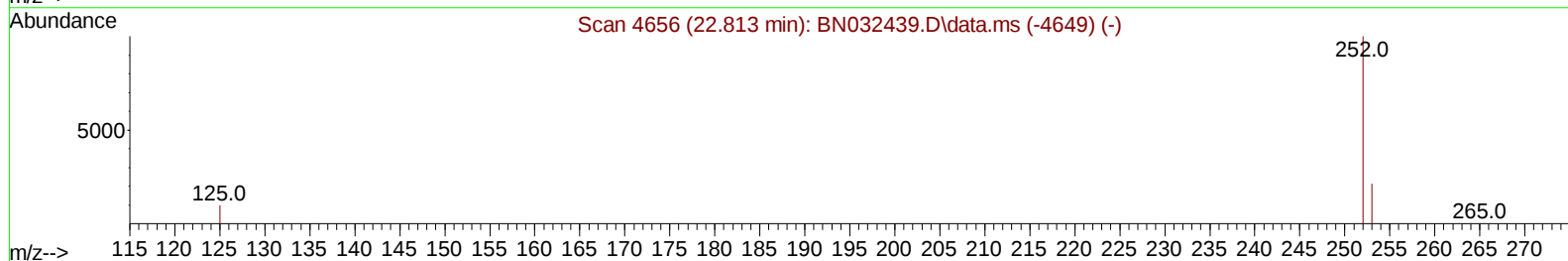
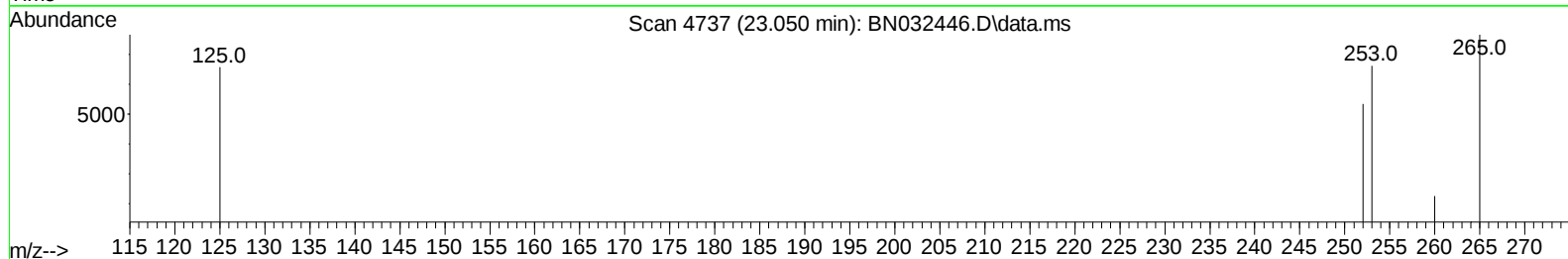
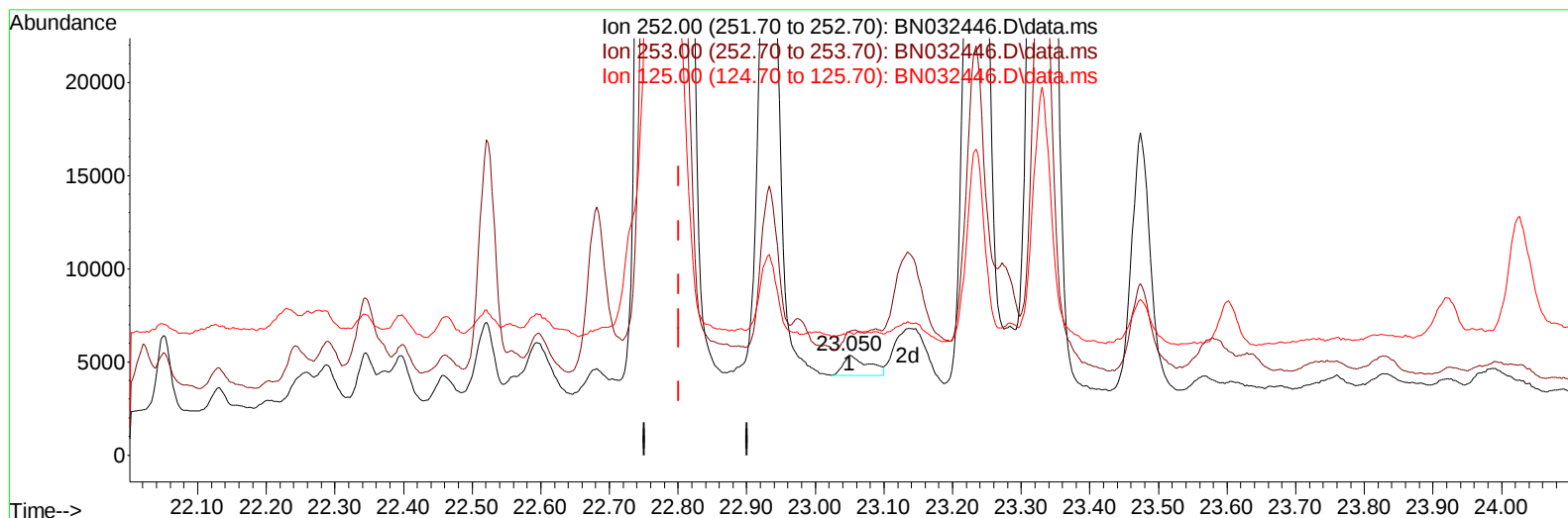
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(25) Benzo(k)fluoranthene

23.050min (+ 0.249) 0.04 ng/u1

response 2691

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	123.88#
125.00	16.00	122.96#
0.00	0.00	0.00

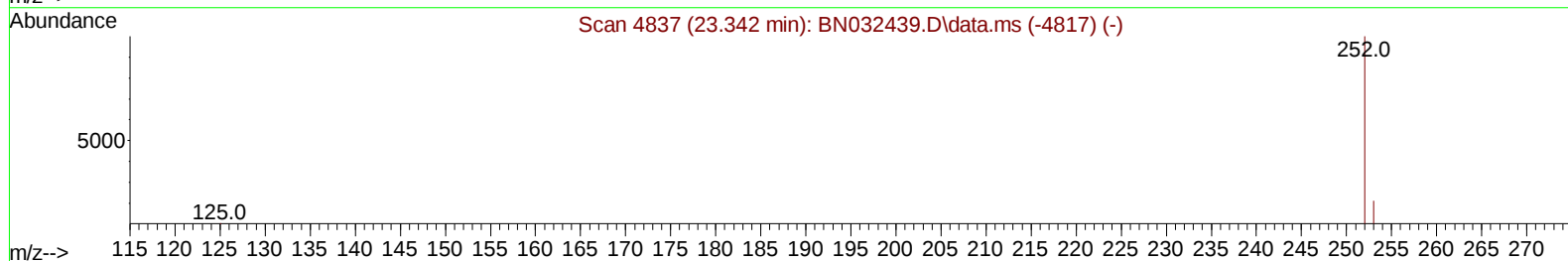
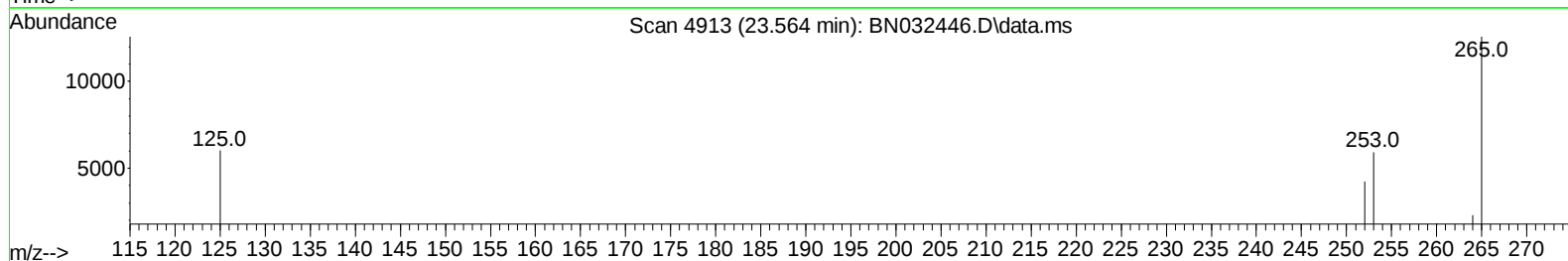
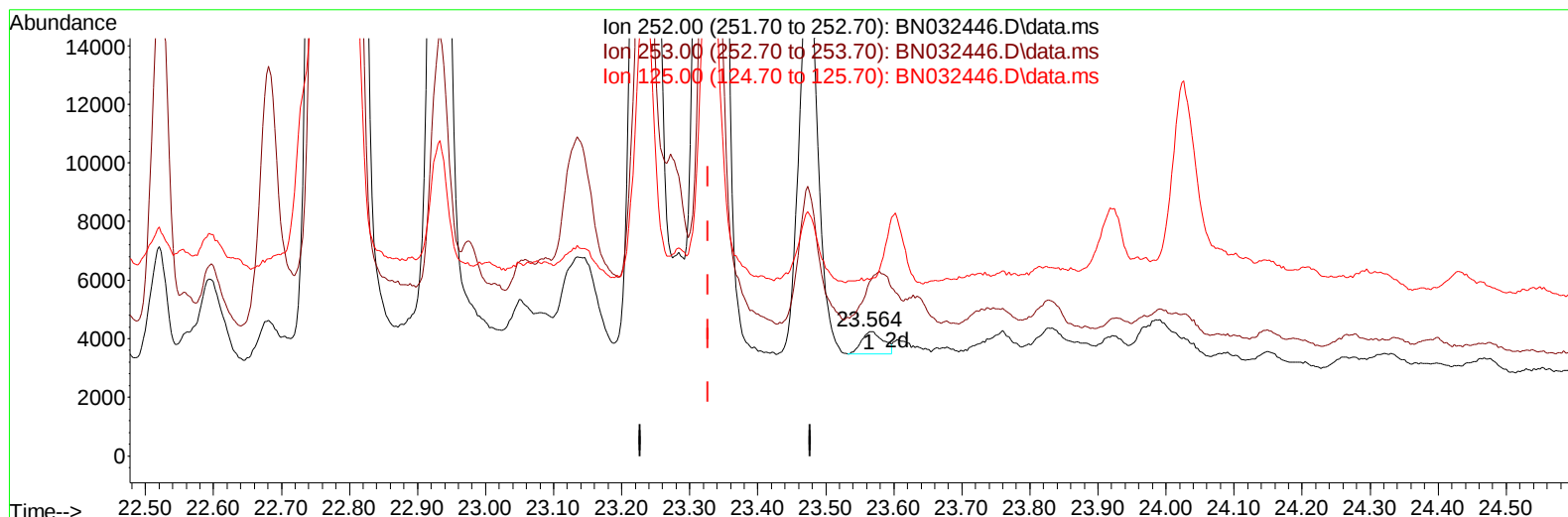
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(26) Benzo(a)pyrene (C)

23.564min (+ 0.237) 0.03 ng/u1

response 1723

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	139.67#
125.00	20.50	141.88#
0.00	0.00	0.00

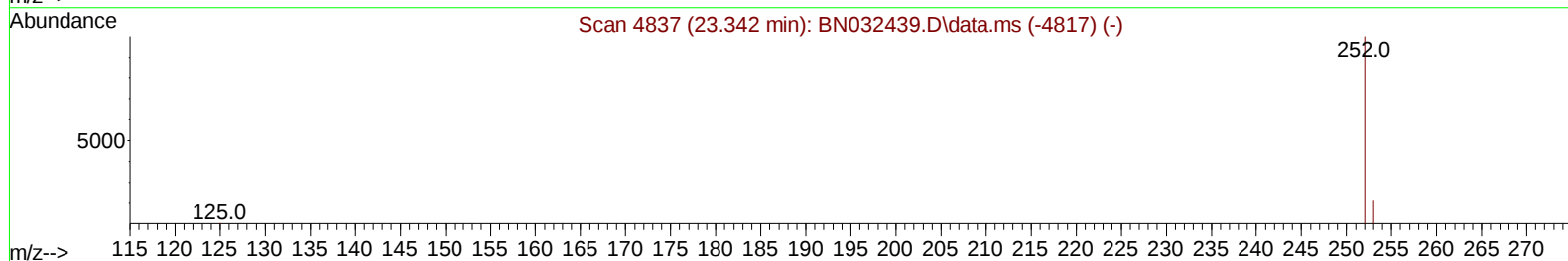
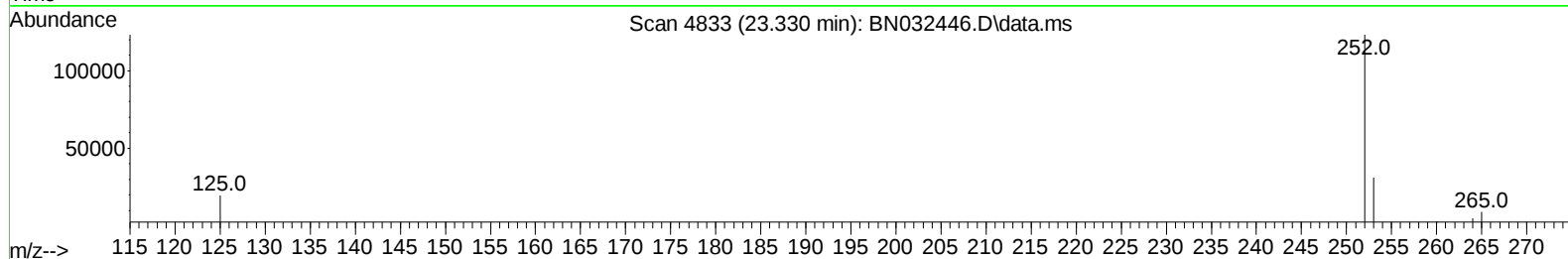
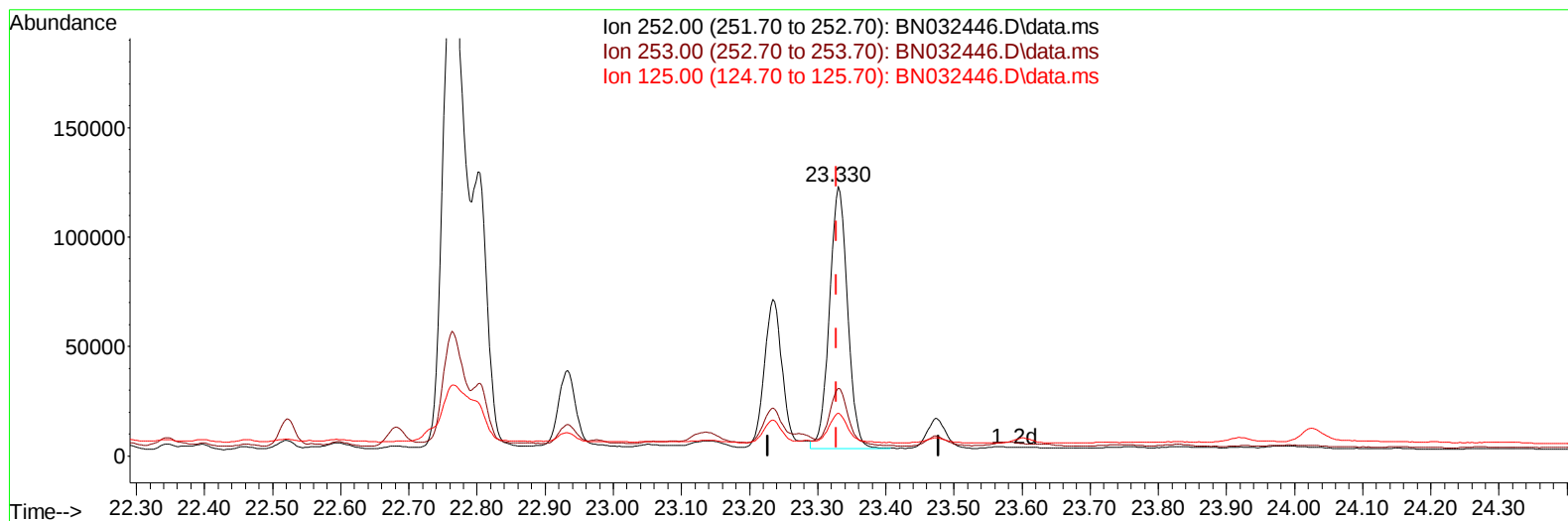
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

(26) Benzo(a)pyrene (C)

23.330min (+ 0.003) 4.14 ng/u1 m

response 220992

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	25.18
125.00	20.50	16.04#
0.00	0.00	0.00

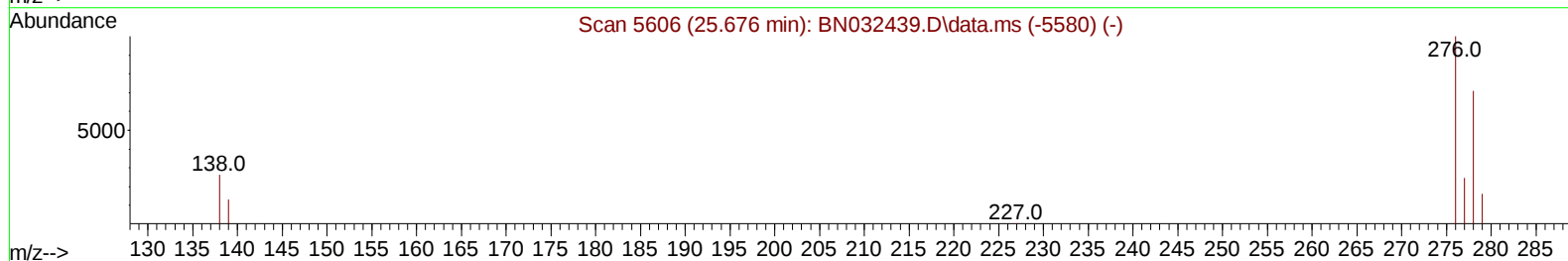
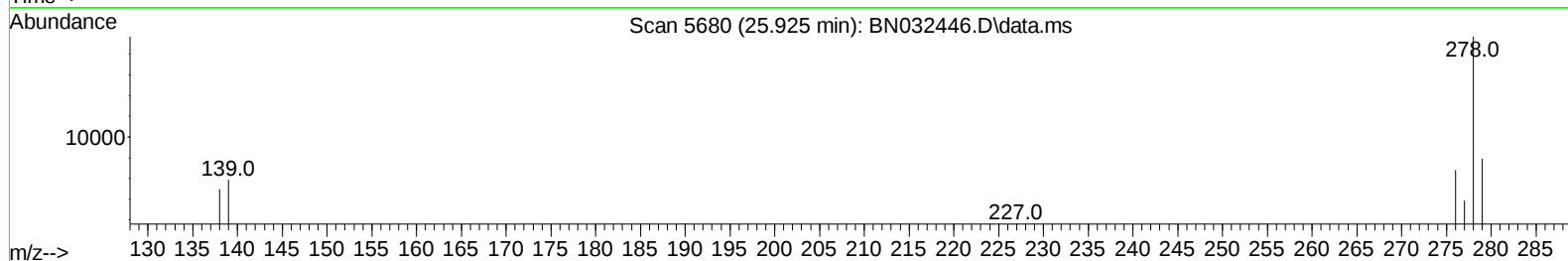
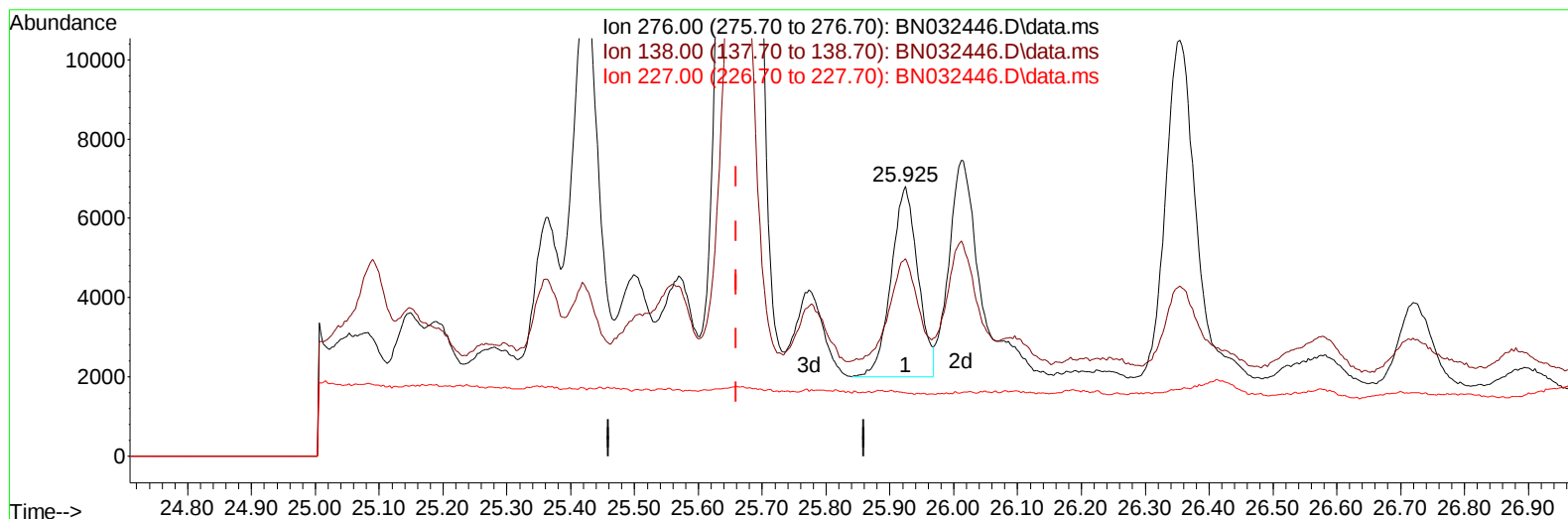
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

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

25.925min (+ 0.265) 0.17 ng/u1

response 13991

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.64#
227.00	0.10	0.00#
0.00	0.00	0.00

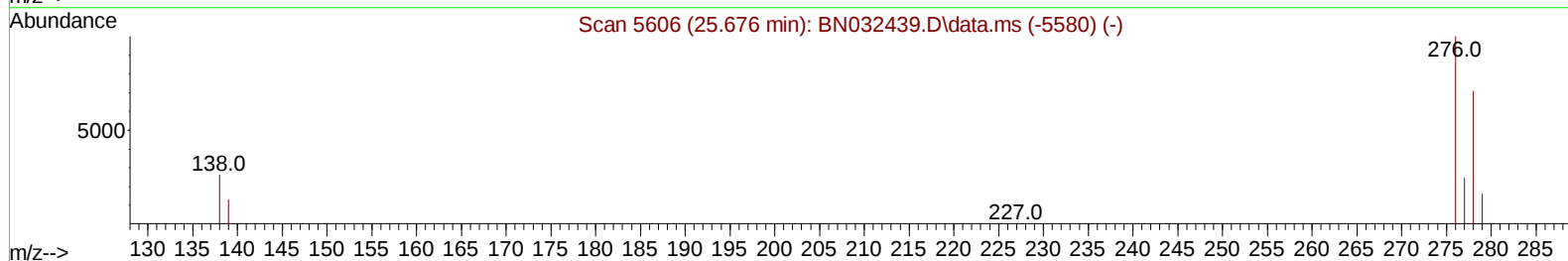
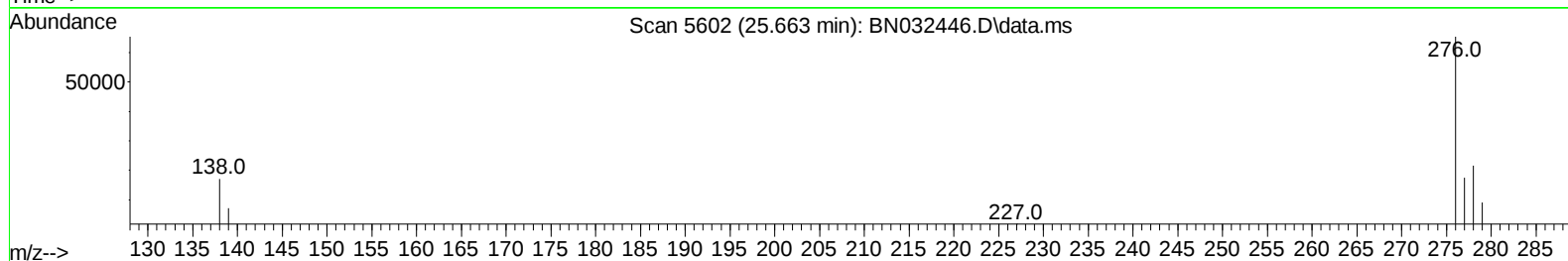
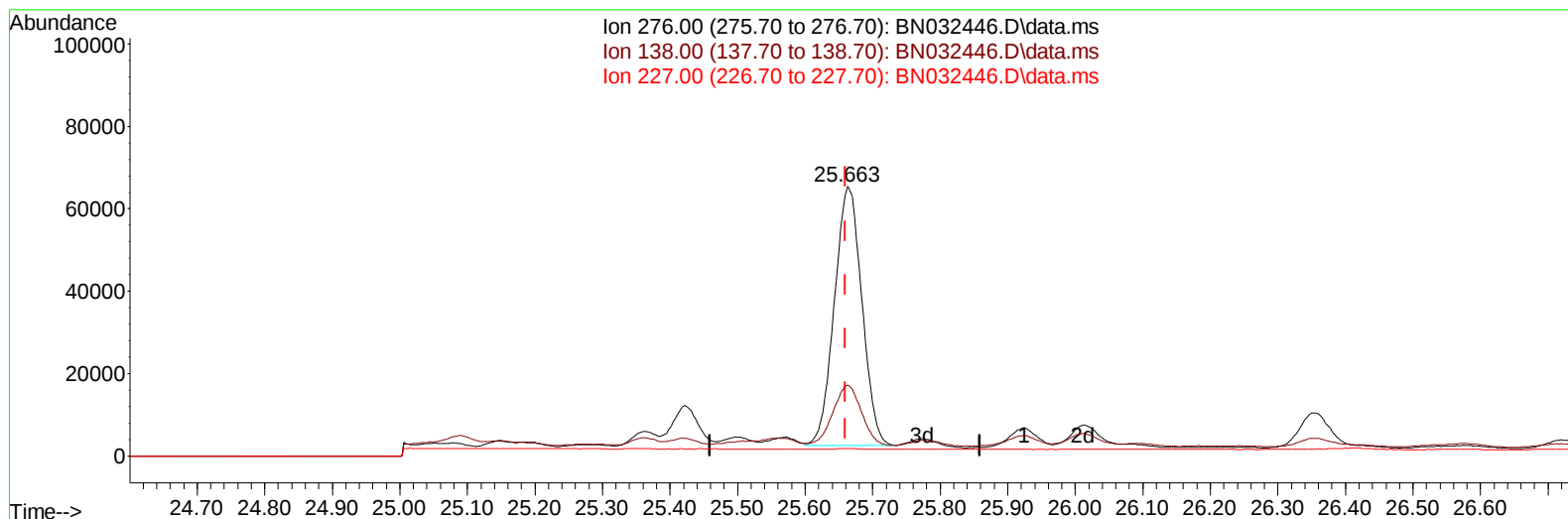
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

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

25.663min (+ 0.003) 2.13 ng/u1 m

response 177875

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.61#
227.00	0.10	0.00#
0.00	0.00	0.00

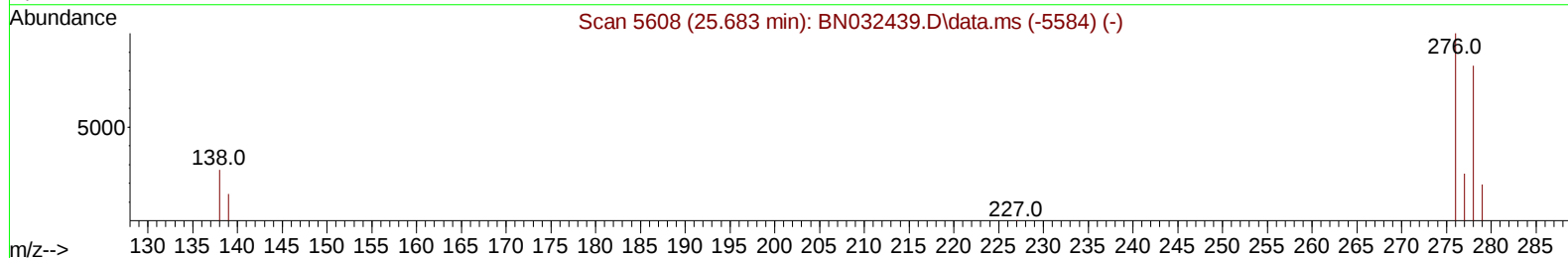
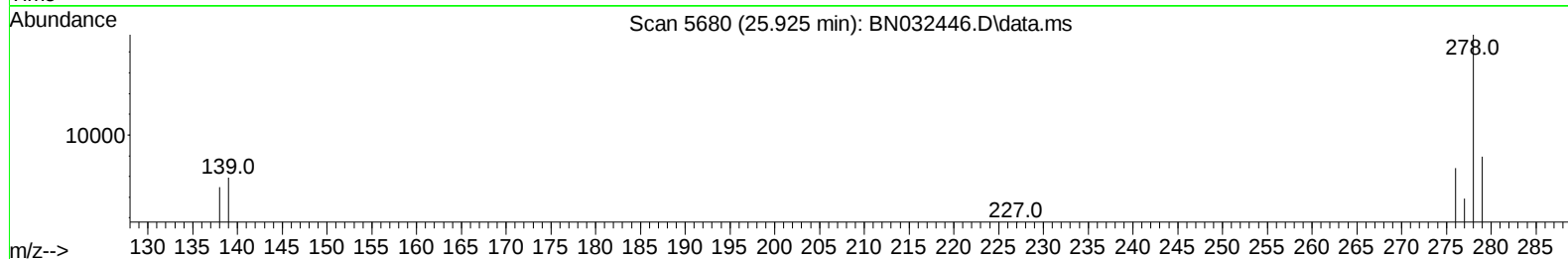
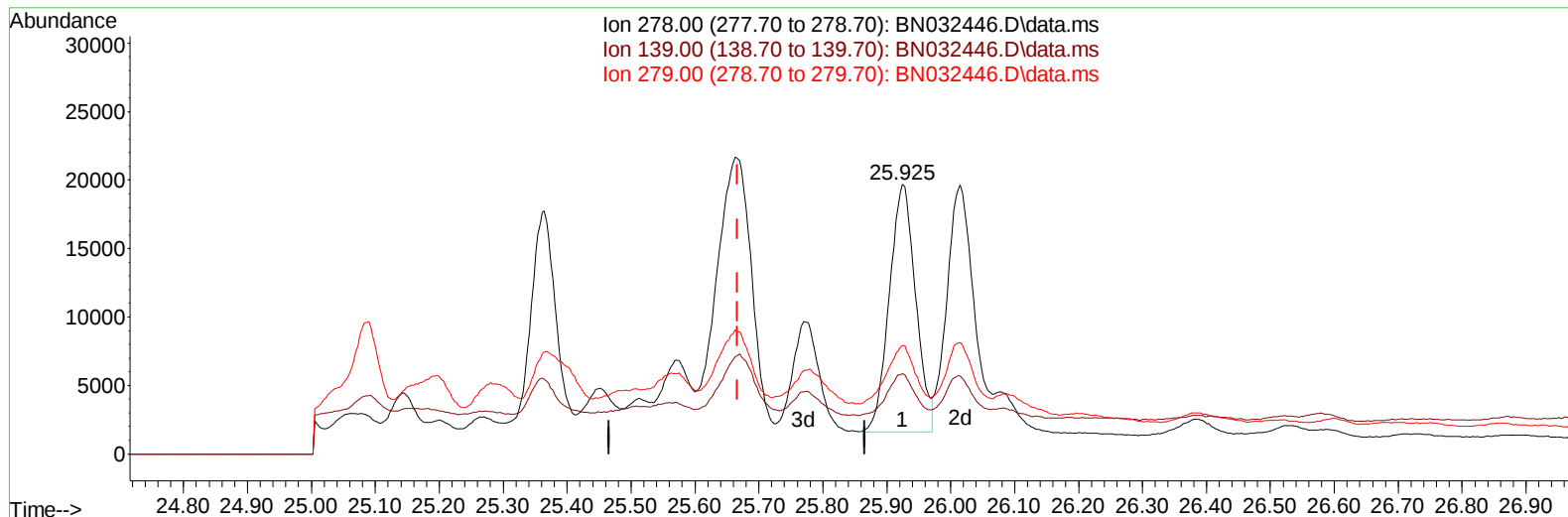
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 2024
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TIC: BN032446.D\data.ms

(28) Dibenzo(a,h)anthracene

25.925min (+ 0.258) 0.83 ng/u1

response 51741

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.88#
279.00	26.40	40.15#
0.00	0.00	0.00

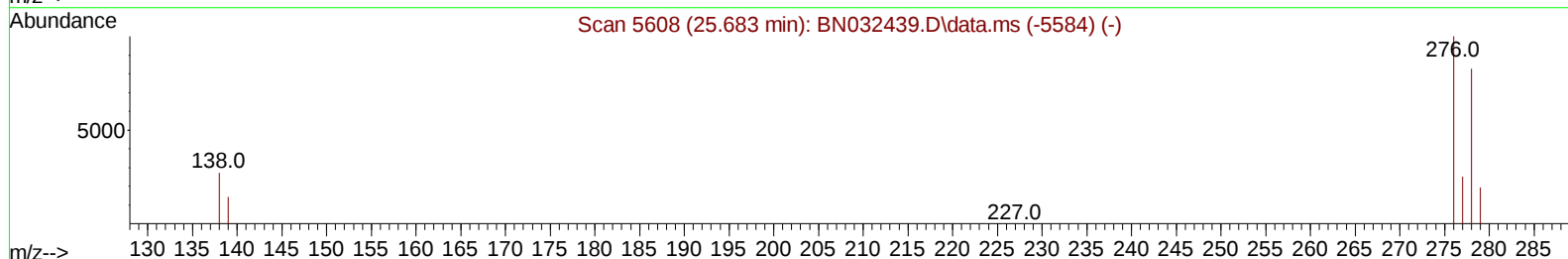
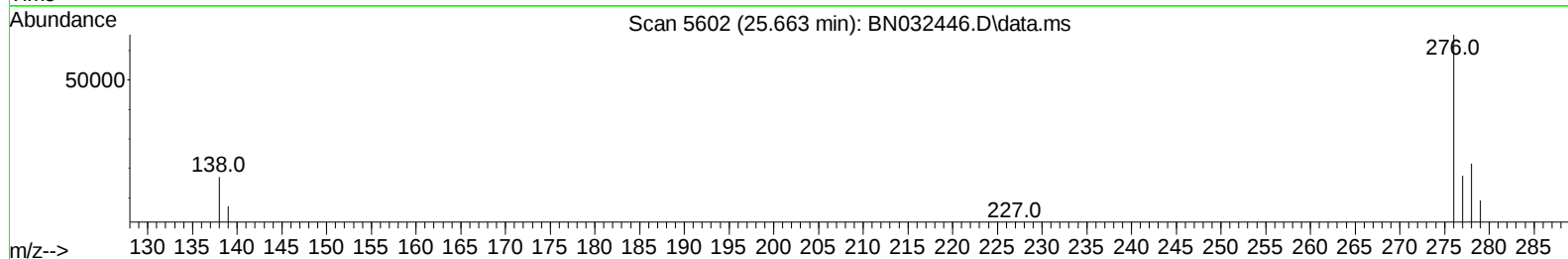
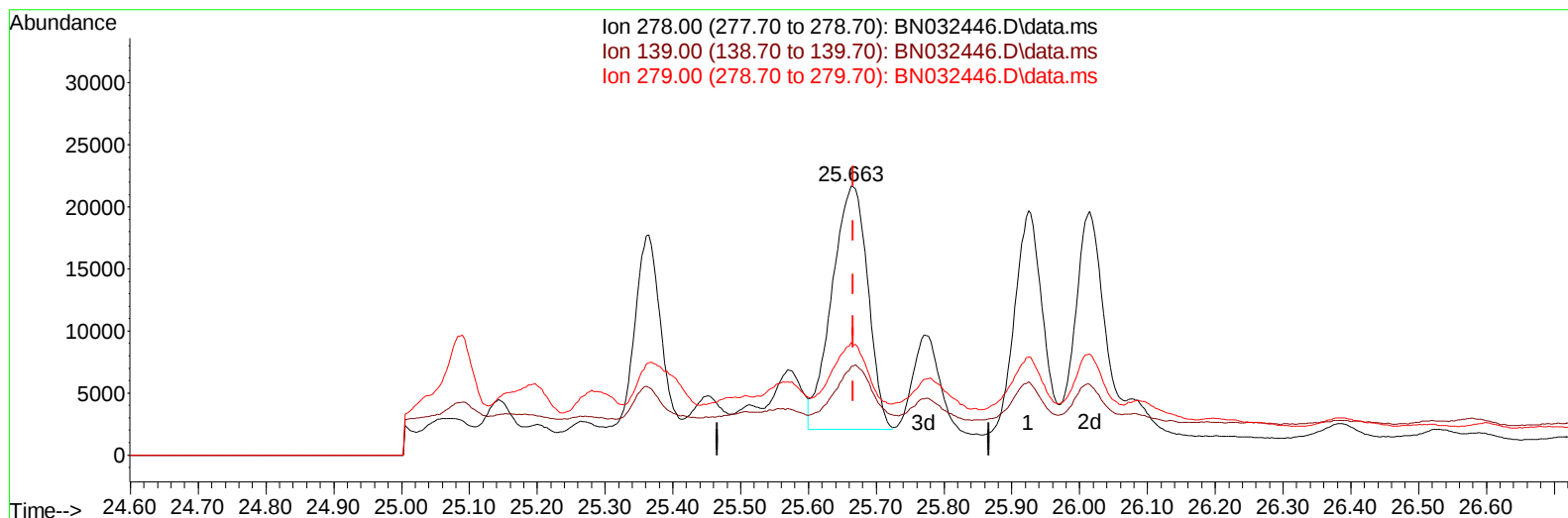
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 2024
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TIC: BN032446.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.003) 1.17 ng/ul m

response 72367

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	32.81#
279.00	26.40	41.95#
0.00	0.00	0.00

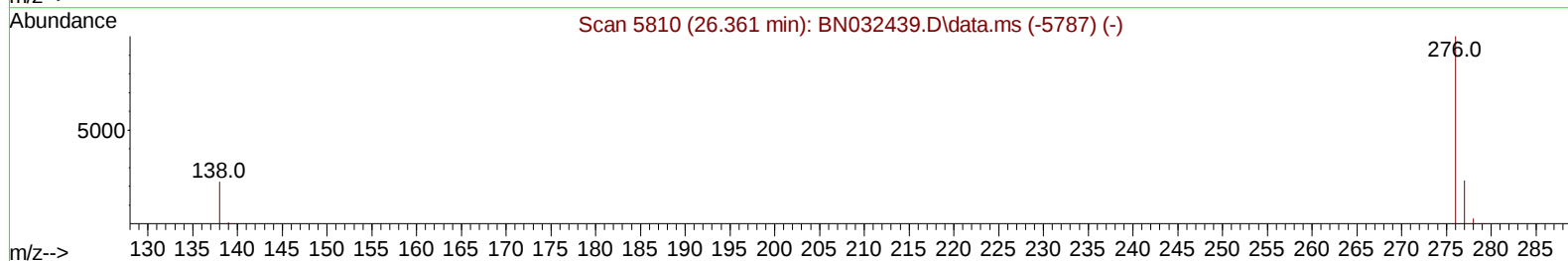
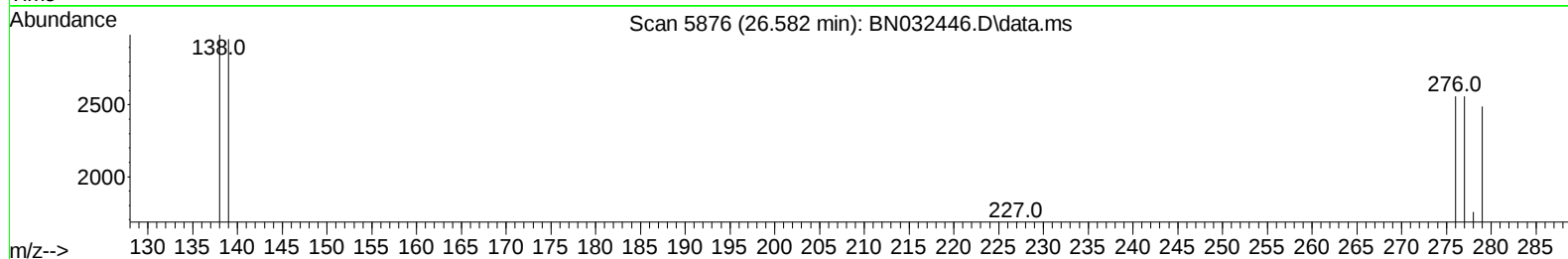
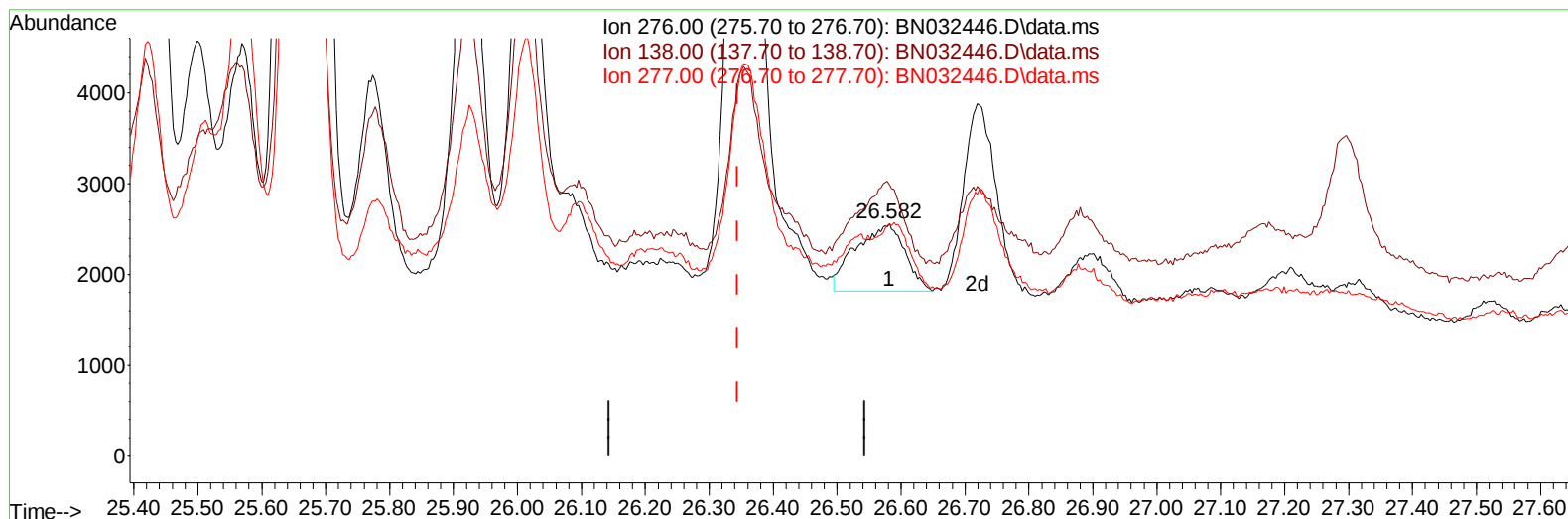
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032446.D\data.ms

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

26.582min (+ 0.238) 0.06 ng/u1

response 3908

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	116.67#
277.00	24.70	99.88#
0.00	0.00	0.00

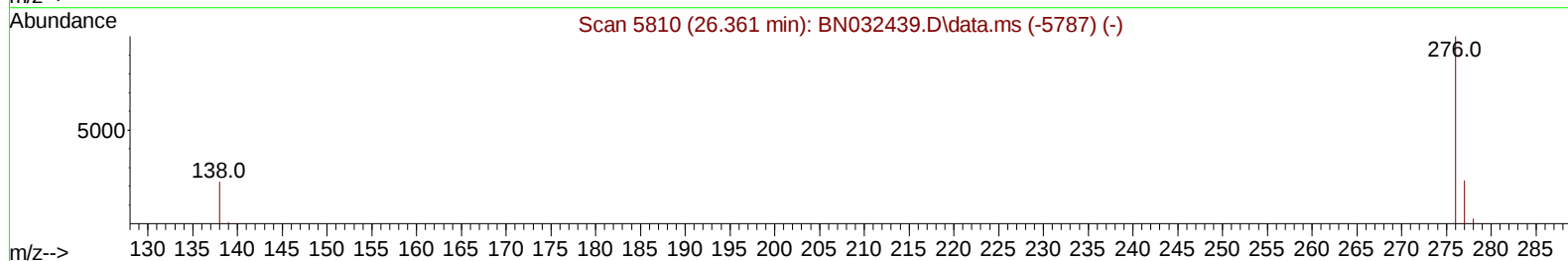
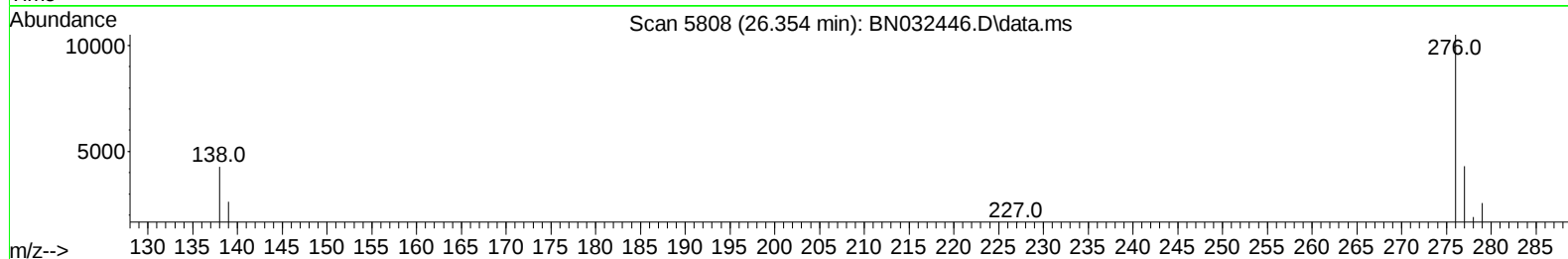
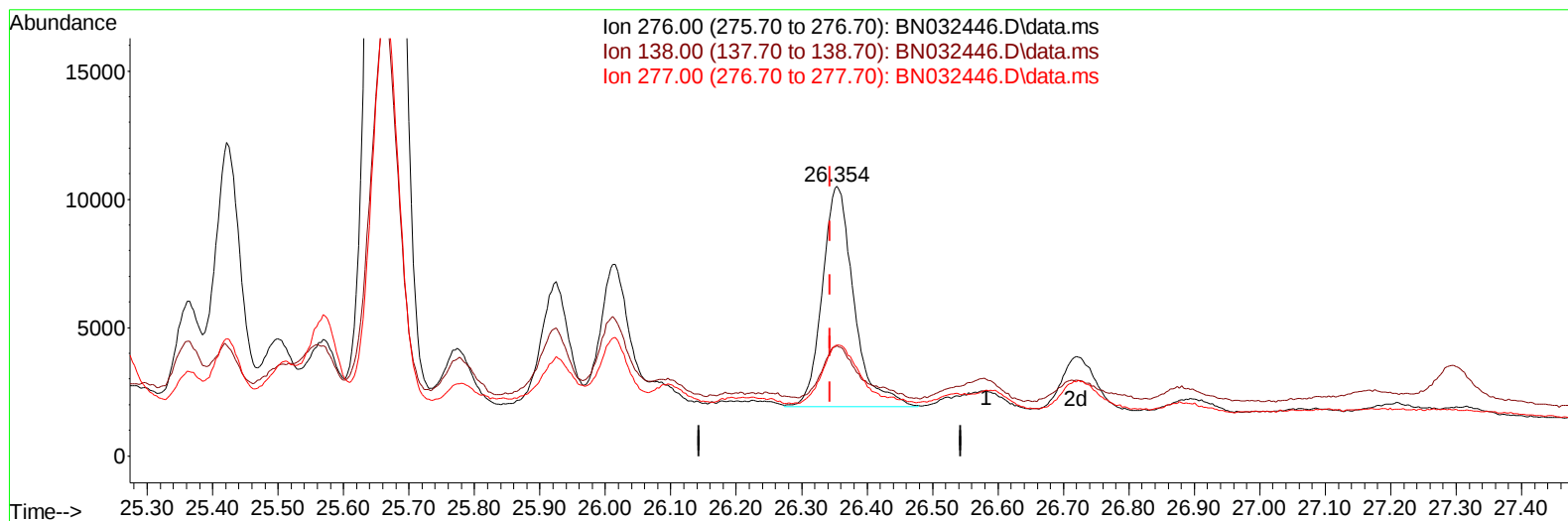
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B47

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:12 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: BN032446.D\data.ms

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

26.354min (+ 0.010) 0.43 ng/ul m

response 28924

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	40.86#
277.00	24.70	41.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032446.D
 Acq On : 03 Jul 2024 21:11
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 23:50:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	17240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20935m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	12480m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	17652m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31159	4.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	8603	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	14712m	0.392	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	118789	2.604	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	12434	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	10639	0.339	ng/ul	99
10) Acenaphthylene	13.971	152	24294	0.589	ng/ul	97
11) Acenaphthene	14.313	153	33396	1.043	ng/ul	98
12) Fluorene	15.303	166	44634	1.169	ng/ul	100
15) Phenanthrene	17.046	178	643089m	11.205	ng/ul	
16) Anthracene	17.138	178	121776m	2.379	ng/ul	
19) Fluoranthene	19.073	202	903994m	19.022	ng/ul	
20) Pyrene	19.440	202	640975m	12.906	ng/ul	
21) Benzo(a)anthracene	21.194	228	411770m	9.142	ng/ul	
22) Chrysene	21.246	228	469511m	9.497	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	518353m	6.759	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	193908m	2.602	ng/ul	
26) Benzo(a)pyrene	23.330	252	220992m	4.142	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	177875m	2.129	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	72367m	1.166	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	28924m	0.435	ng/ul	

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

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