

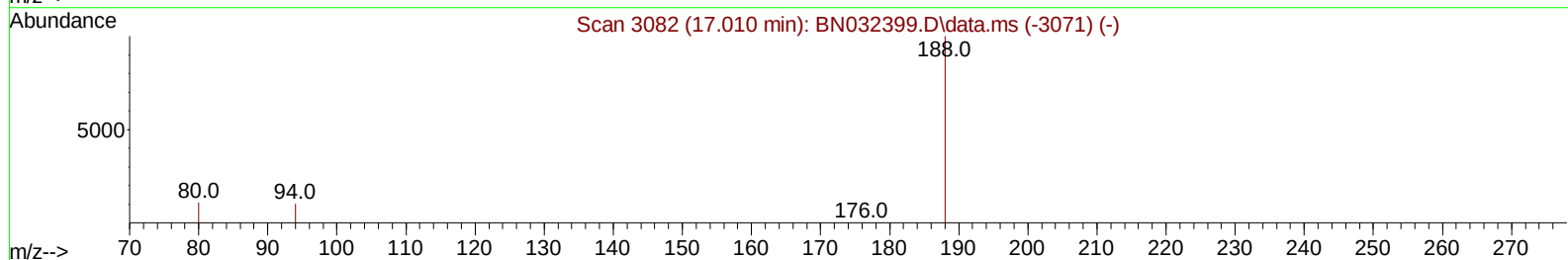
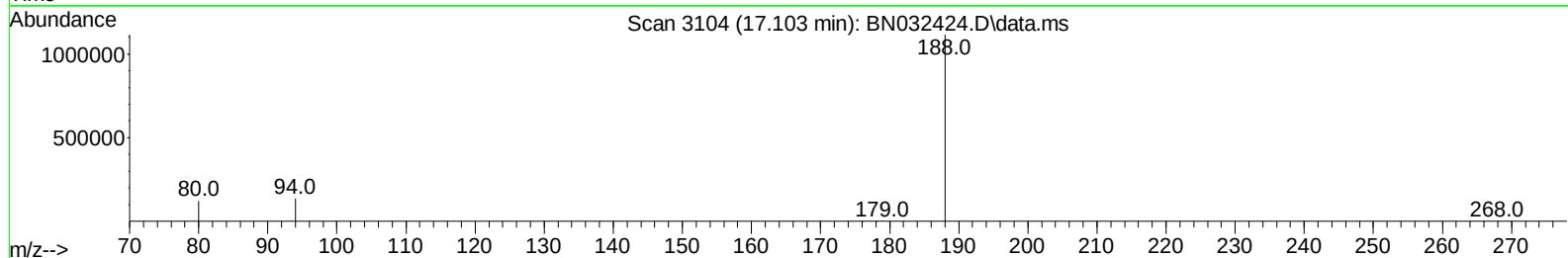
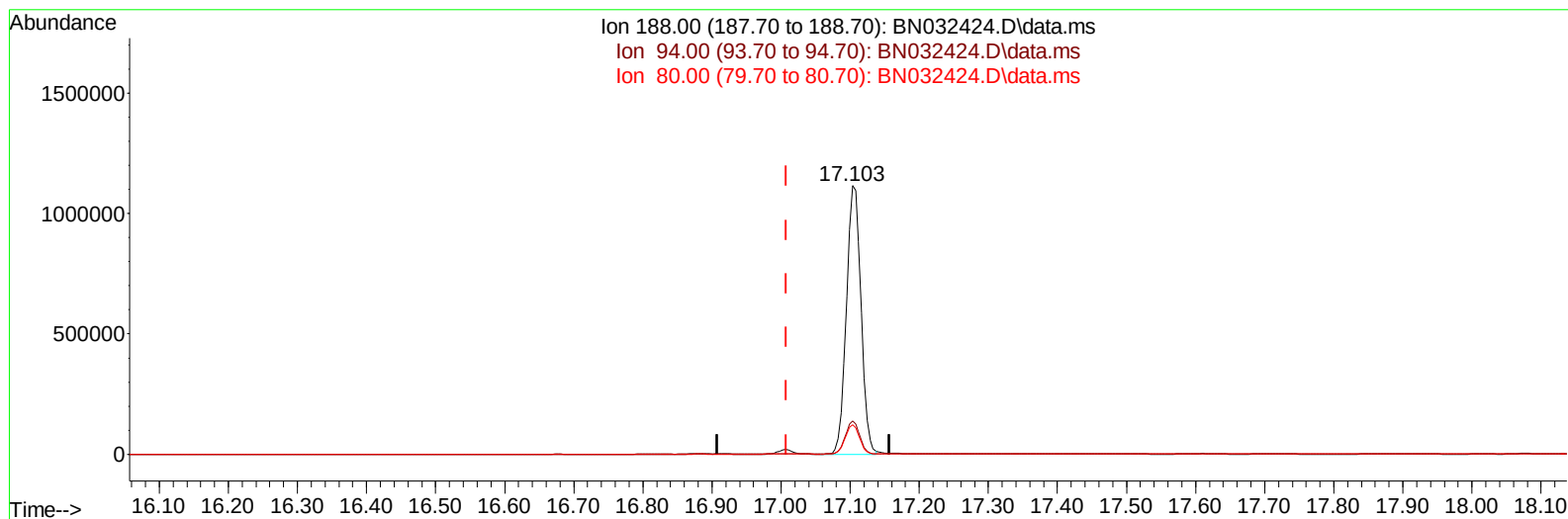
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.096) 0.40 ng/u1

response 1635872

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.29#
80.00	10.50	10.98
0.00	0.00	0.00

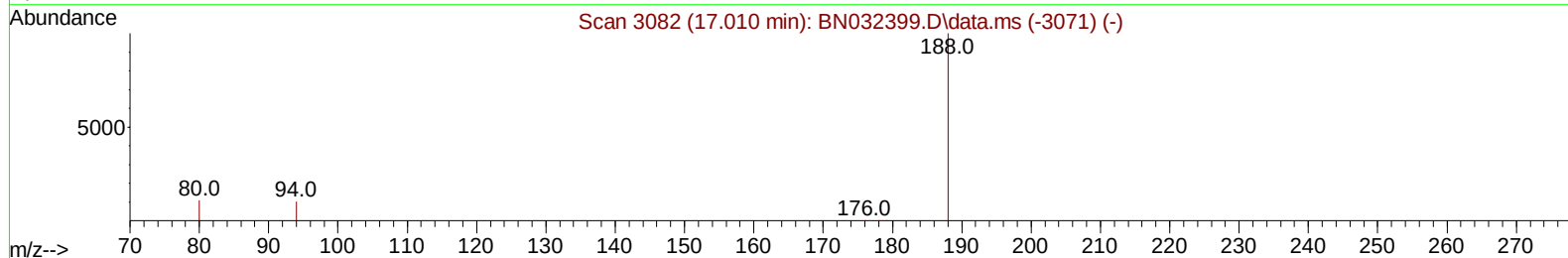
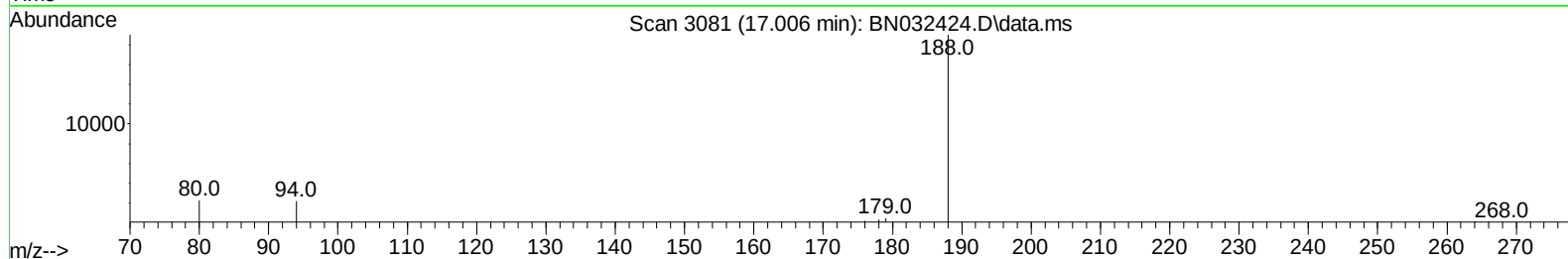
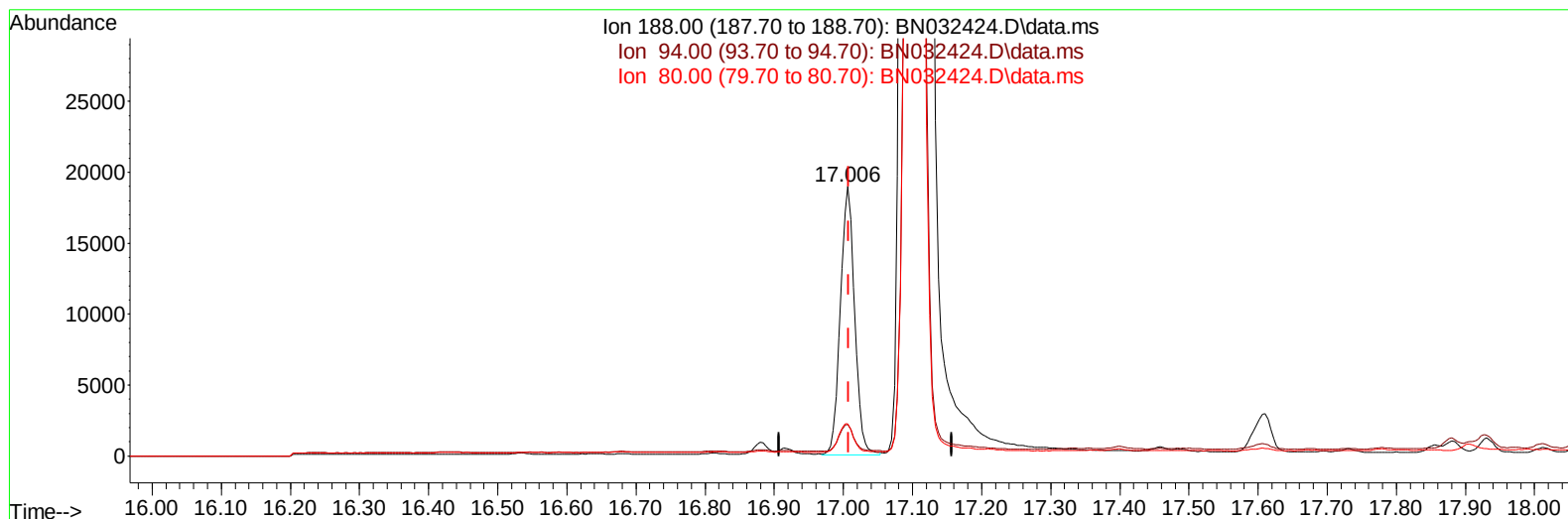
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(13) Phenanthrene-d10 (I)

17.006min (-0.001) 0.40 ng/ul m

response 27023

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.74
80.00	10.50	12.03
0.00	0.00	0.00

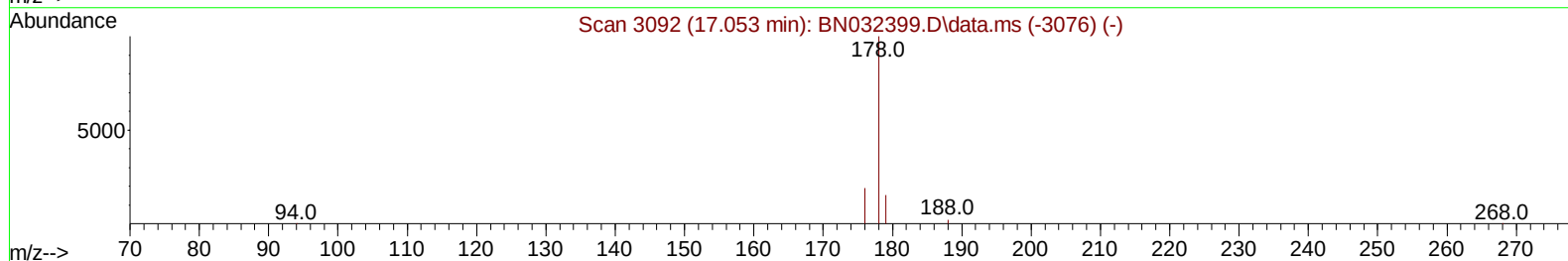
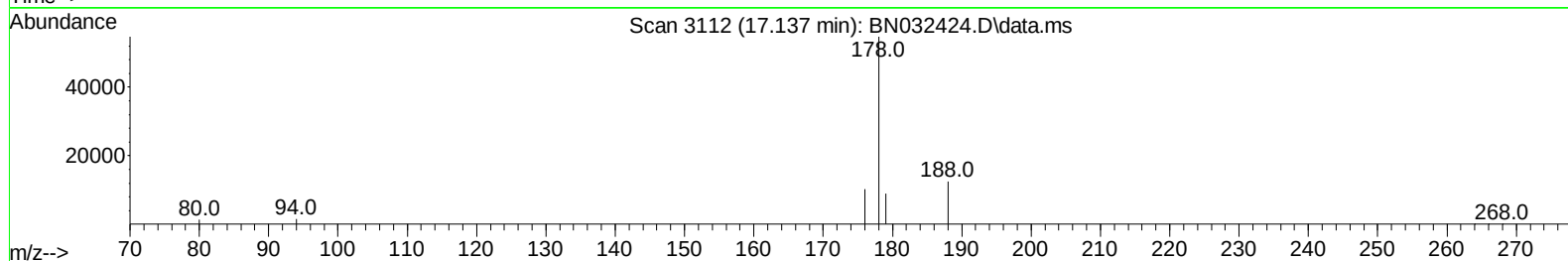
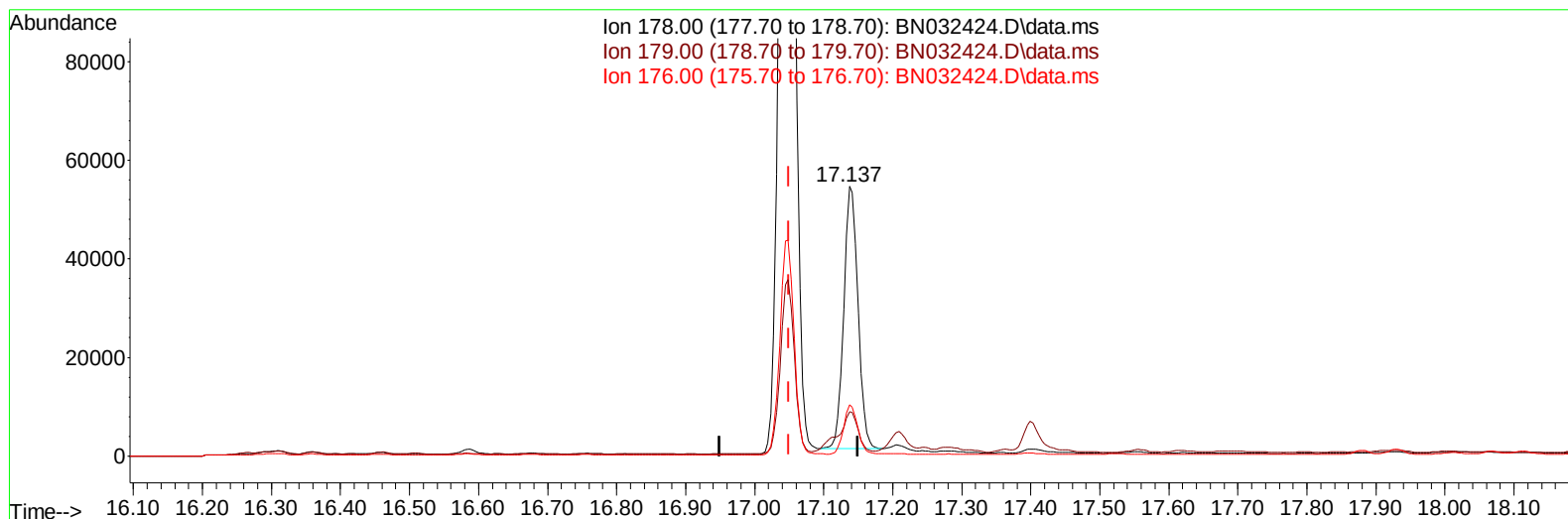
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 2024
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TIC: BN032424.D\data.ms

(15) Phenanthrene

17.137min (+ 0.088) 1.02 ng/u1

response 75723

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.38
176.00	19.50	18.89
0.00	0.00	0.00

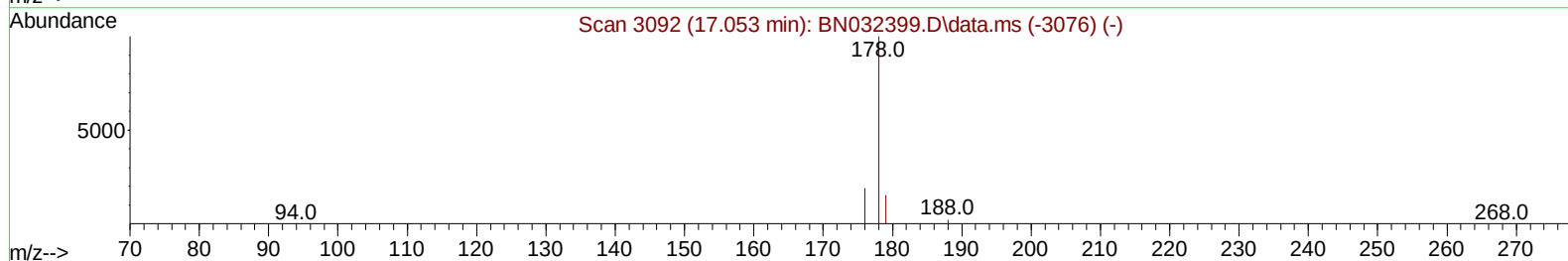
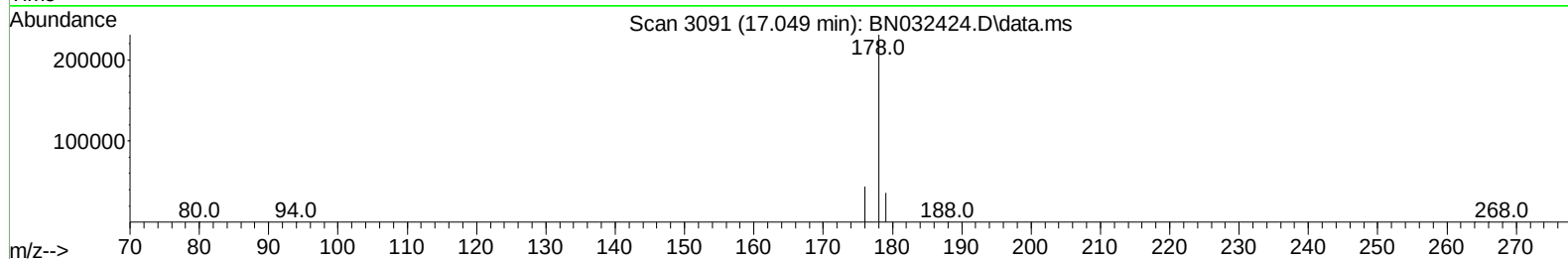
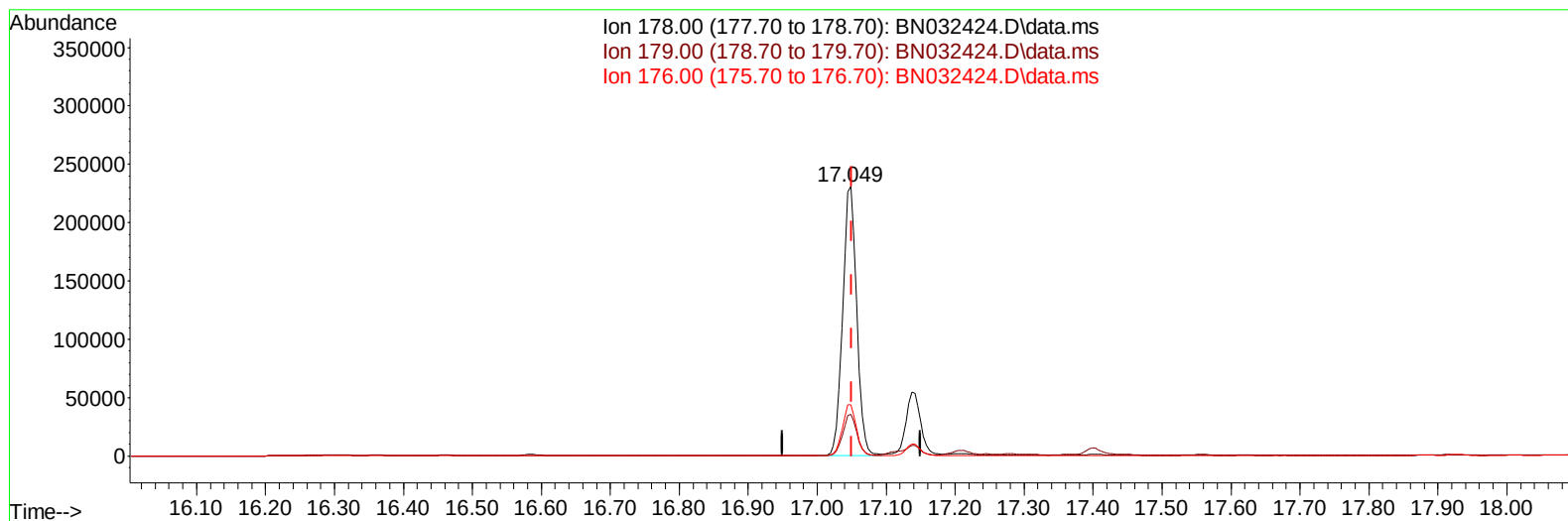
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(15) Phenanthrene

17.049min (-0.001) 4.41 ng/ul m

response 326865

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.50
176.00	19.50	18.99
0.00	0.00	0.00

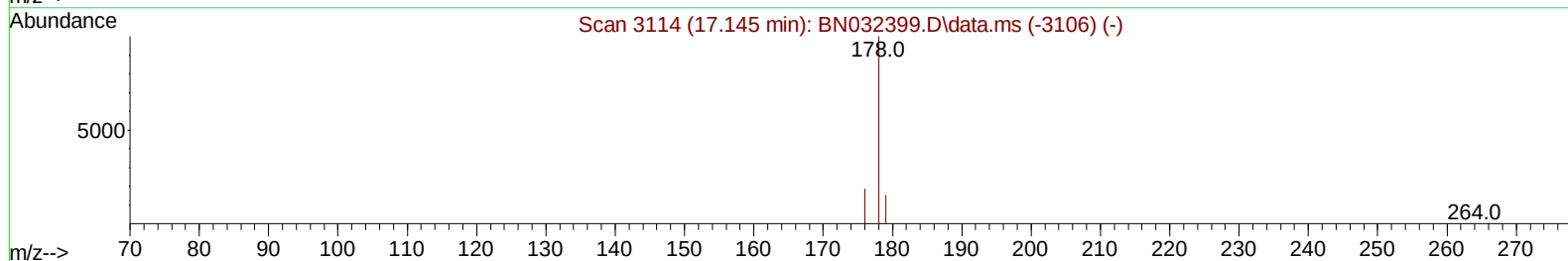
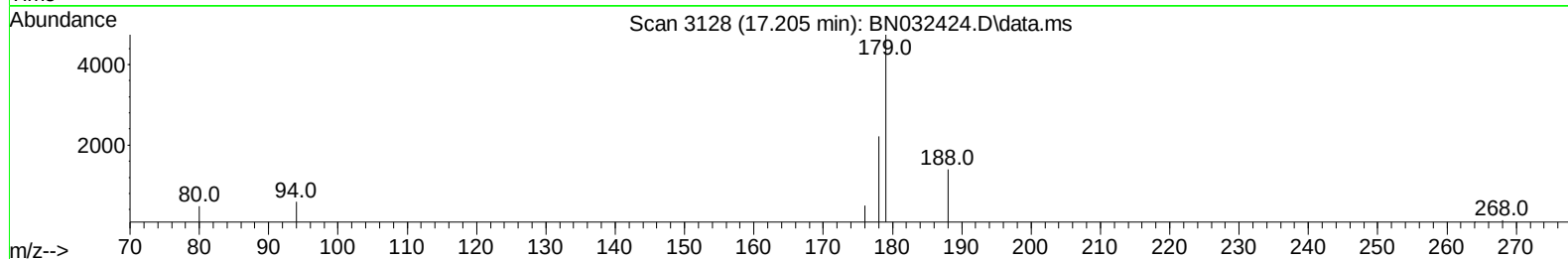
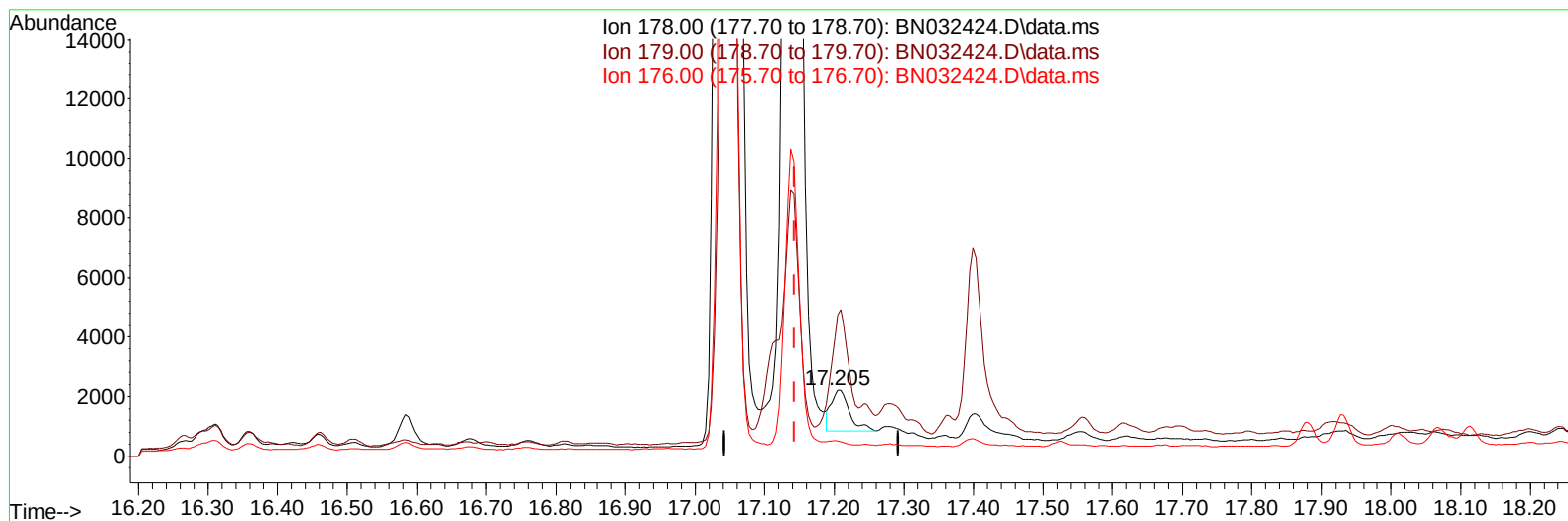
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(16) Anthracene

17.205min (+ 0.062) 0.04 ng/u1

response 2520

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	213.42#
176.00	18.80	22.65#
0.00	0.00	0.00

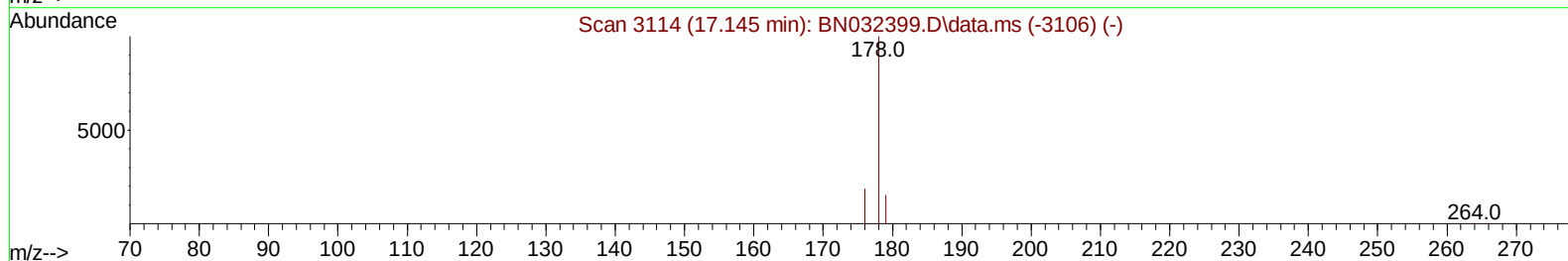
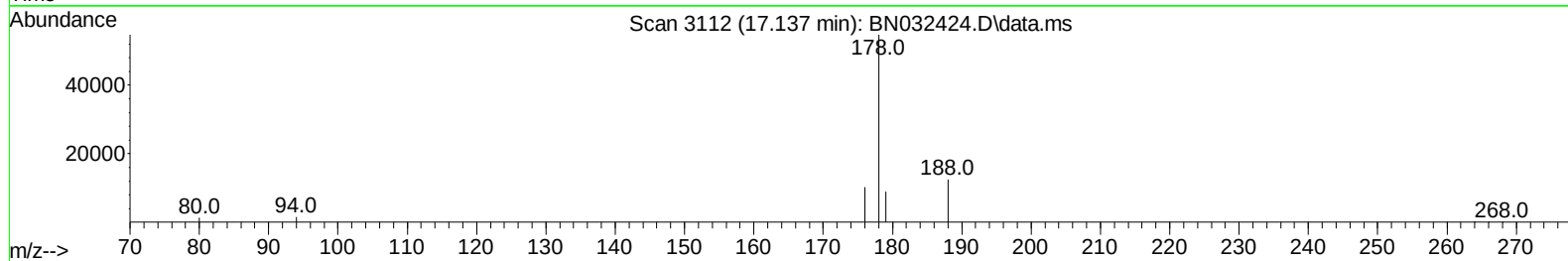
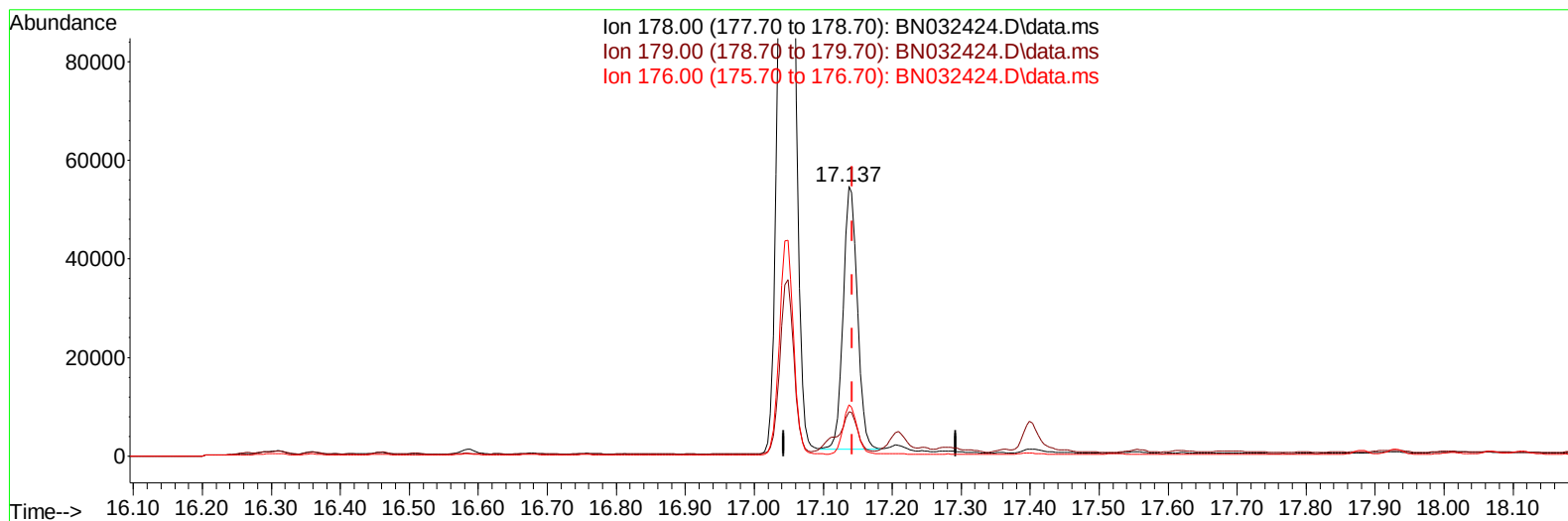
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(16) Anthracene

17.137min (-0.005) 1.16 ng/ul m

response 76462

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.38
176.00	18.80	18.89
0.00	0.00	0.00

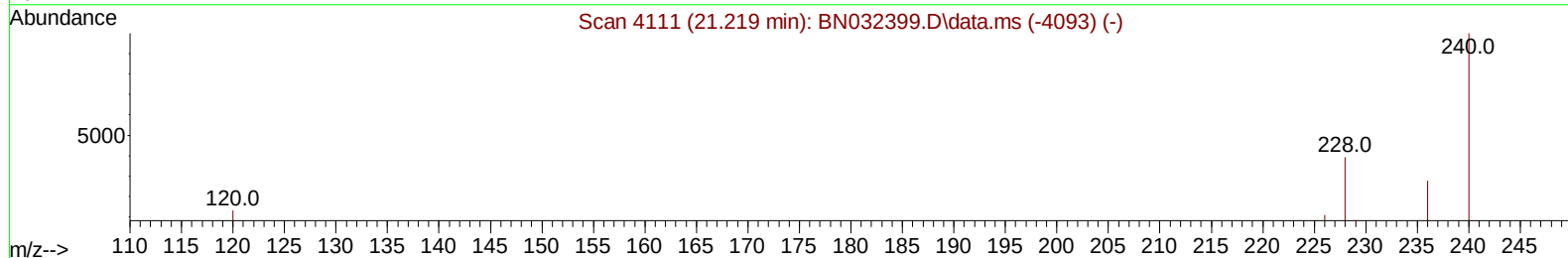
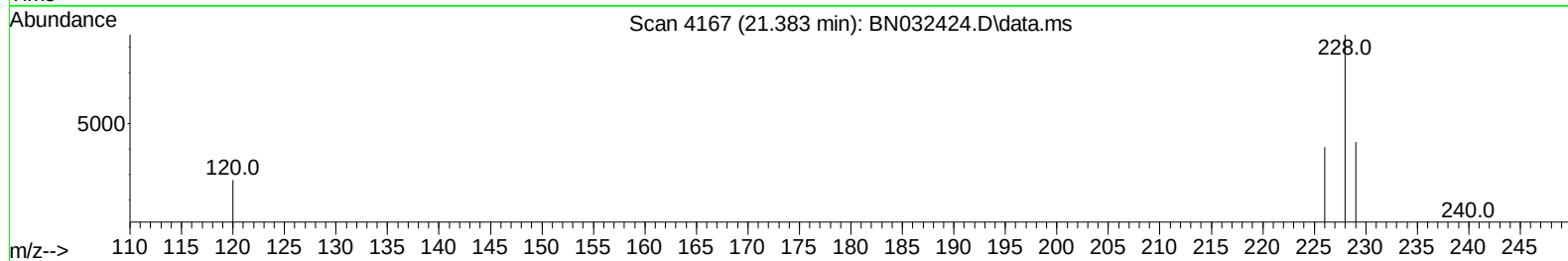
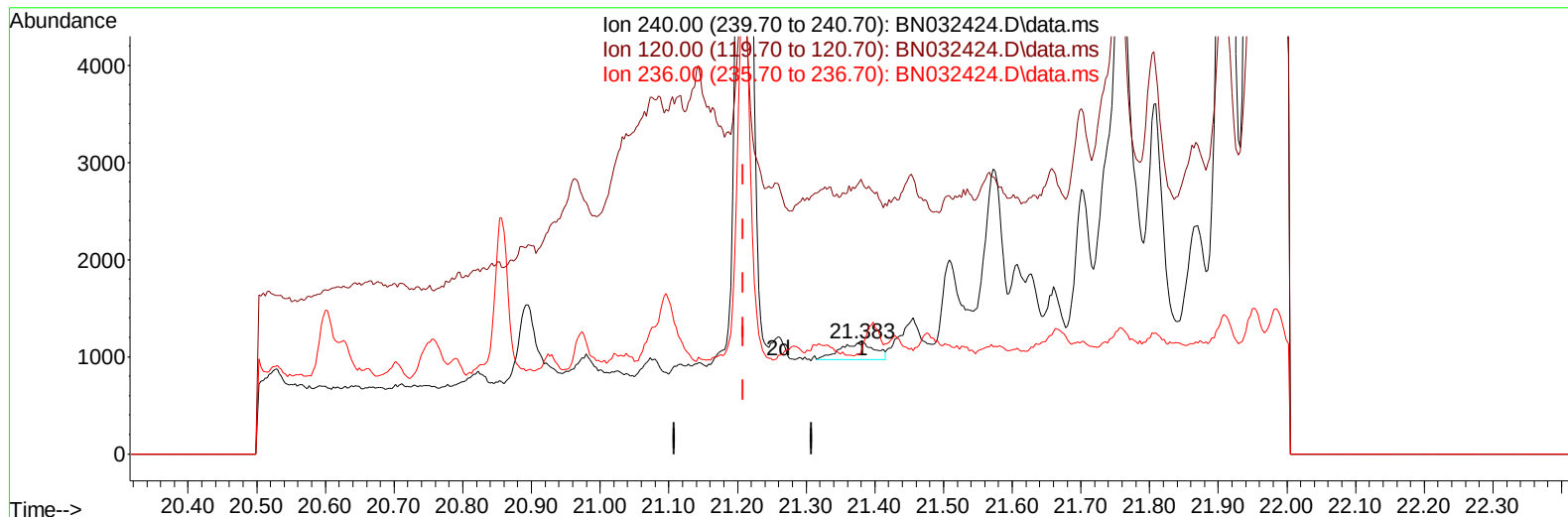
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

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TIC: BN032424.D\data.ms

(17) Chrysene-d12

21.383min (+ 0.174) 0.40 ng/u1

response 622

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	243.47#
236.00	28.40	98.51#
0.00	0.00	0.00

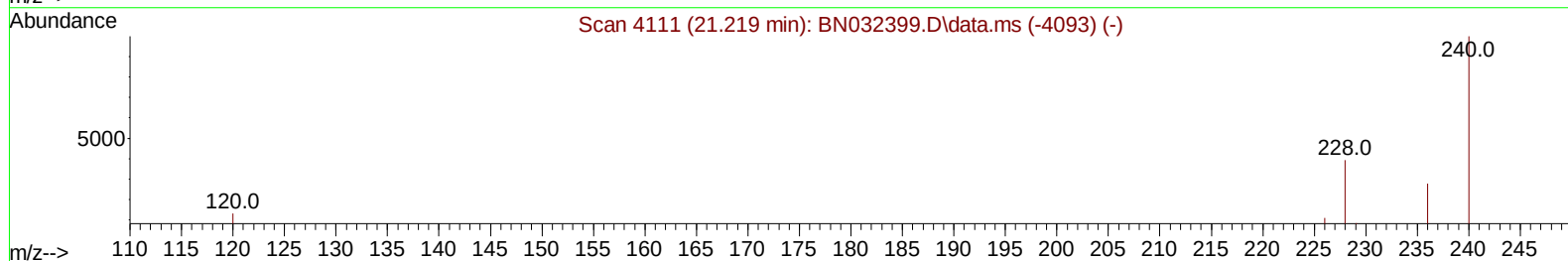
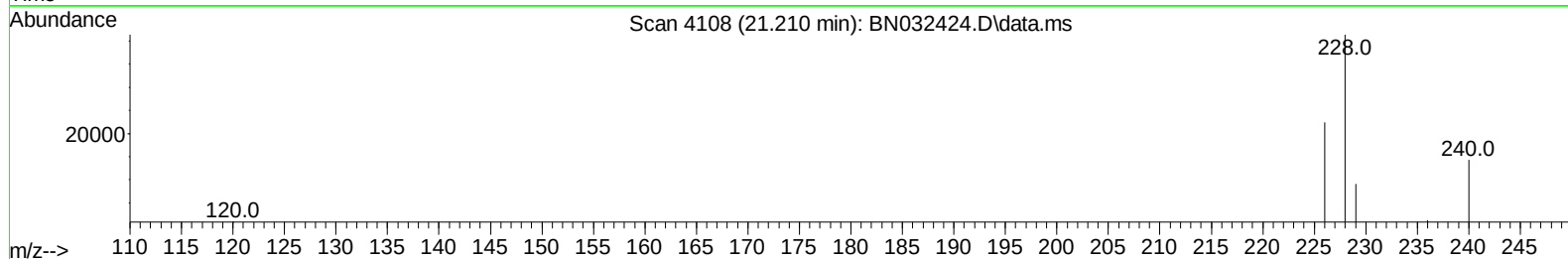
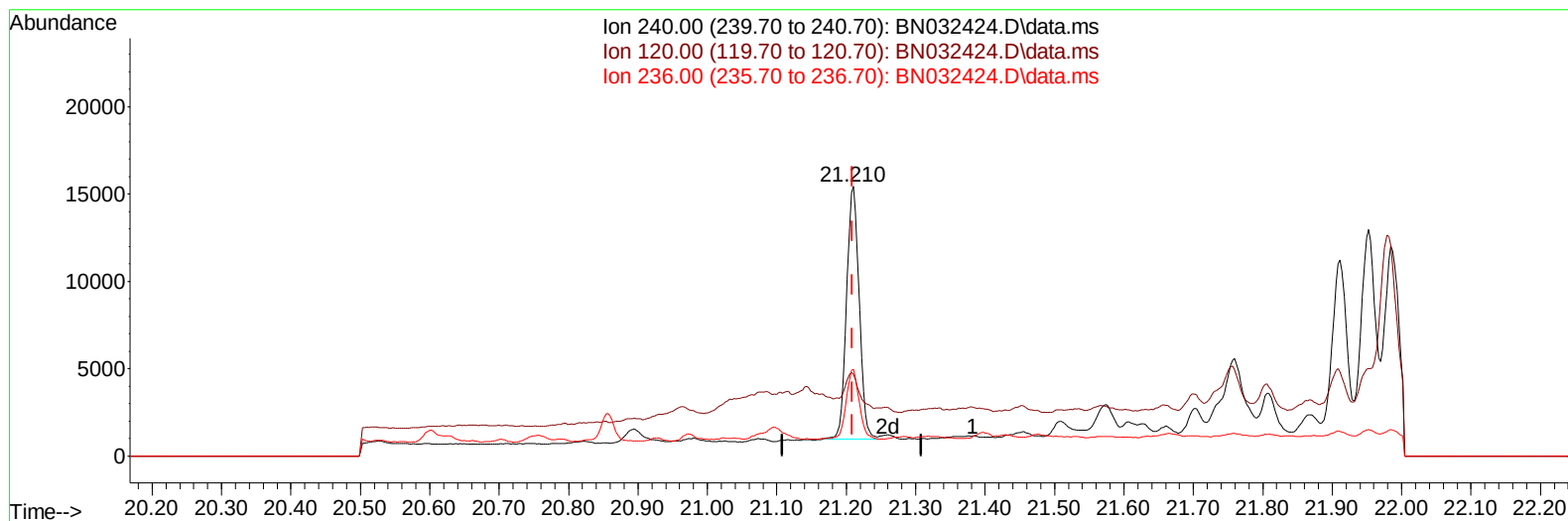
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(17) Chrysene-d12

21.210min (+ 0.002) 0.40 ng/ul m

response 18344

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	30.31#
236.00	28.40	32.18
0.00	0.00	0.00

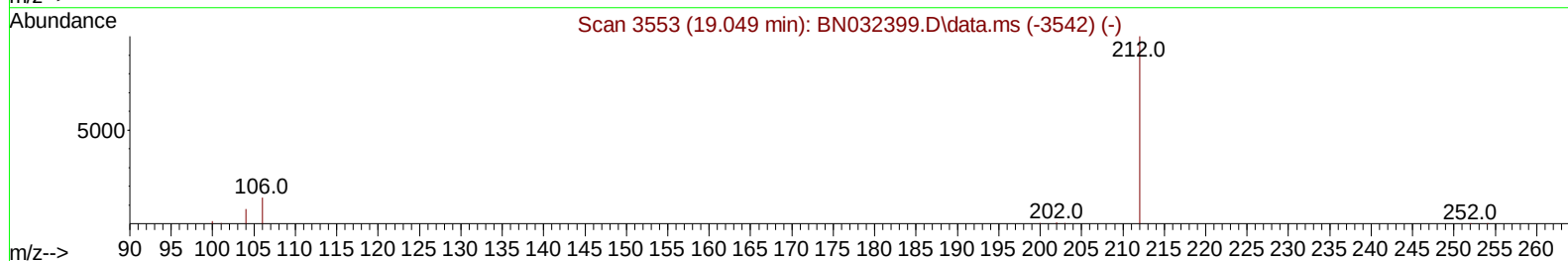
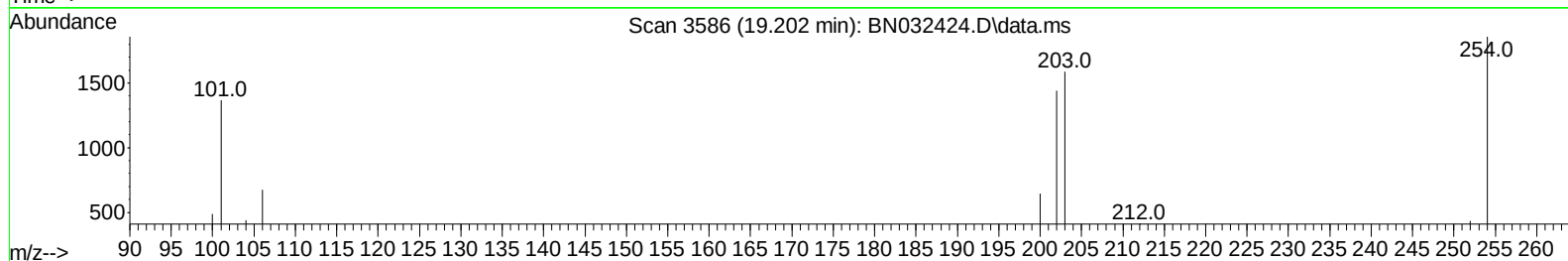
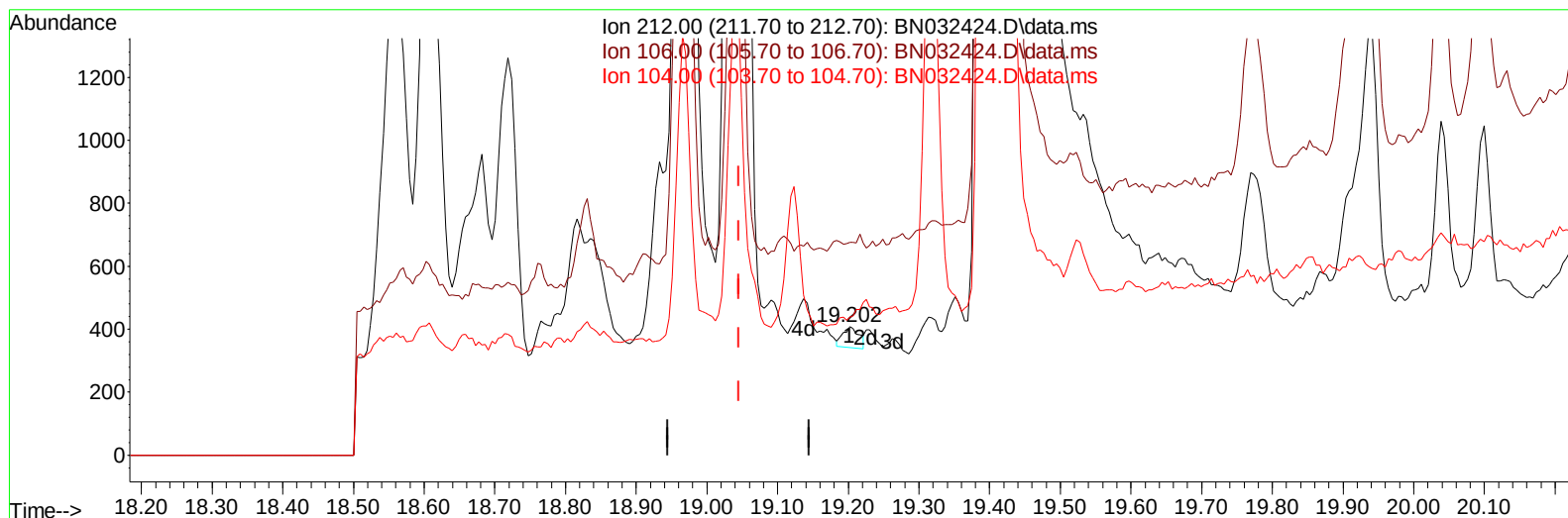
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

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TIC: BN032424.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.202min (+ 0.157) 0.00 ng/u1

response 107

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	40.19#
104.00	8.40	23.36#
0.00	0.00	0.00

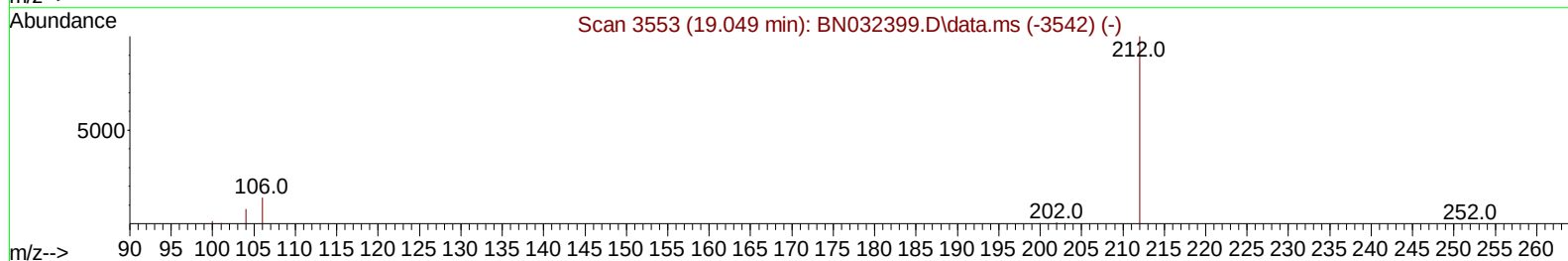
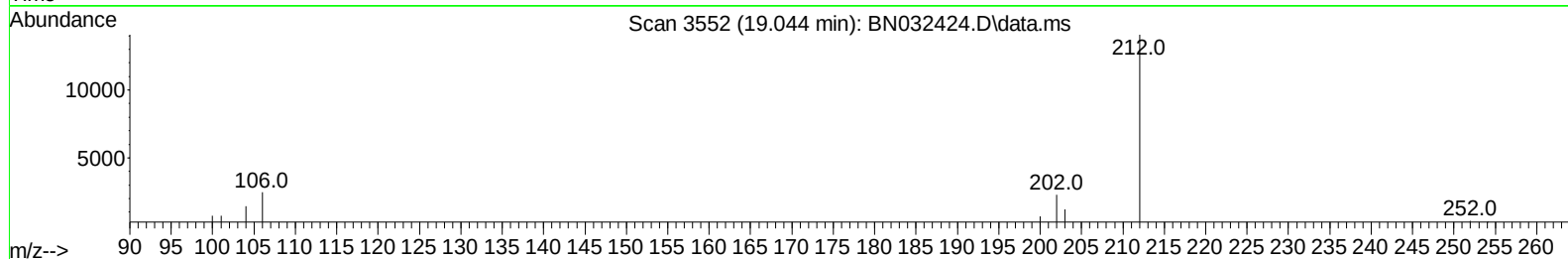
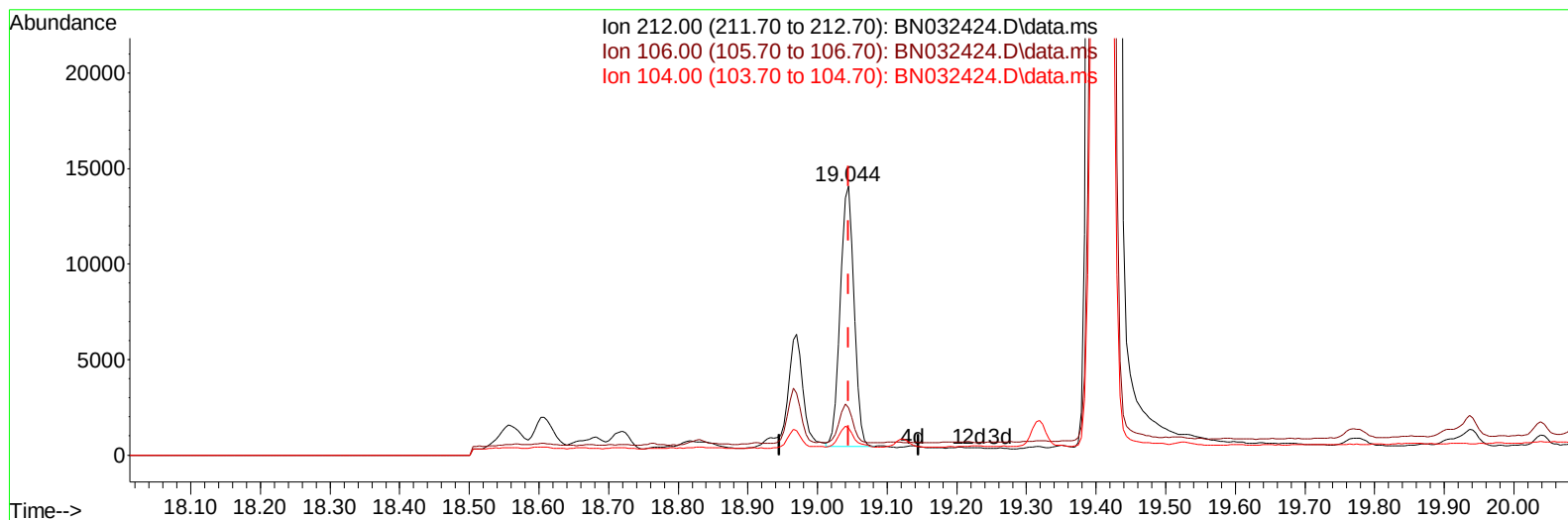
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.044min (-0.001) 0.34 ng/ul m

response 18567

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.23#
104.00	8.40	0.13#
0.00	0.00	0.00

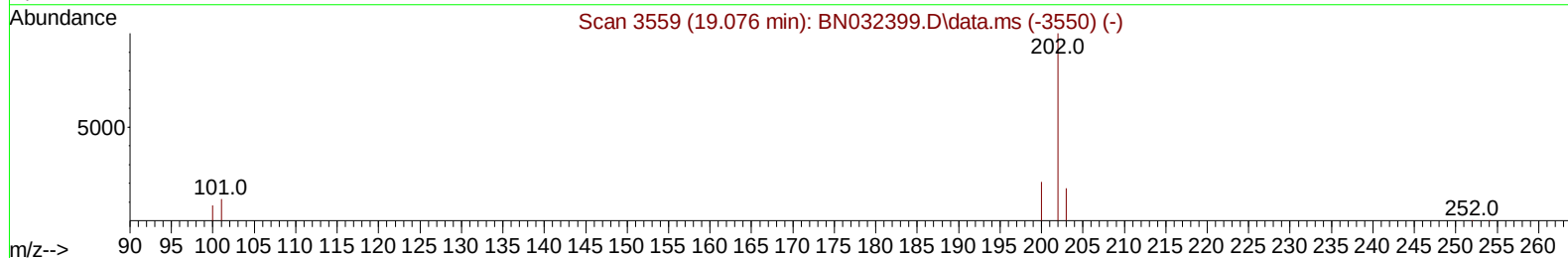
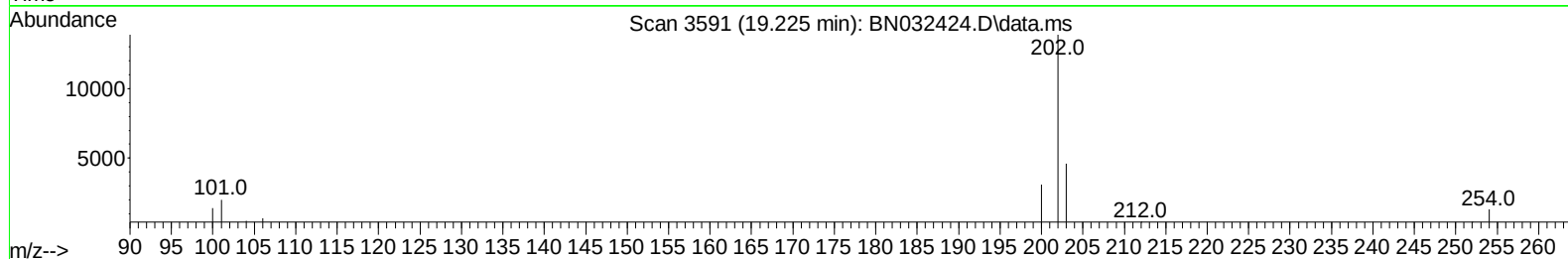
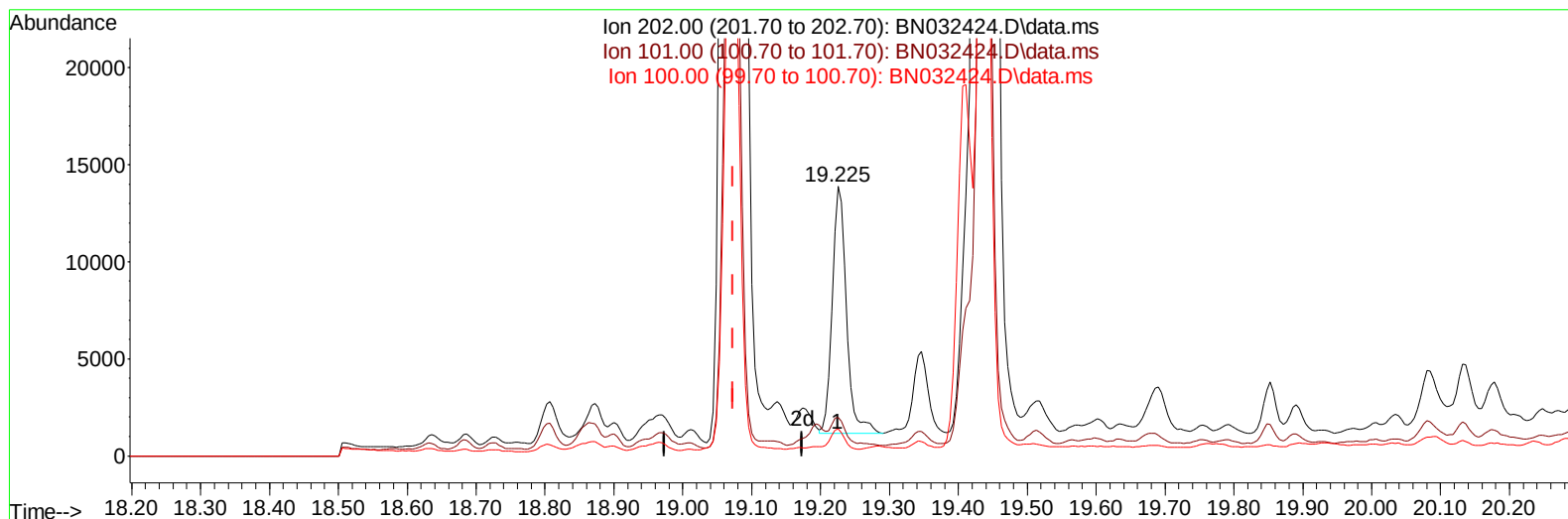
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(19) Fluoranthene (C)

19.225min (+ 0.152) 0.26 ng/u1

response 18322

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	14.40#
100.00	8.00	9.98#
0.00	0.00	0.00

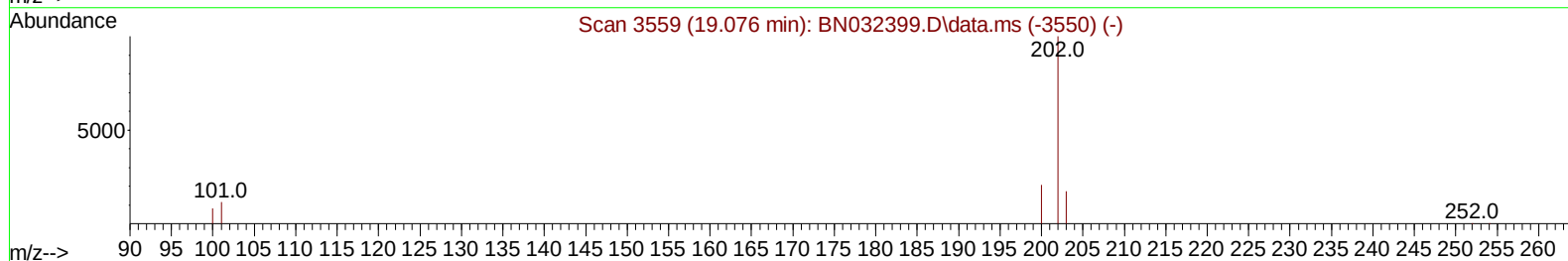
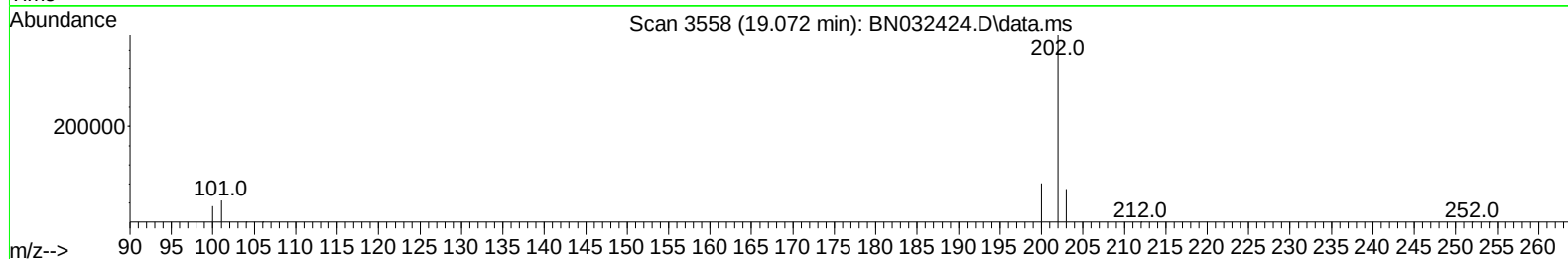
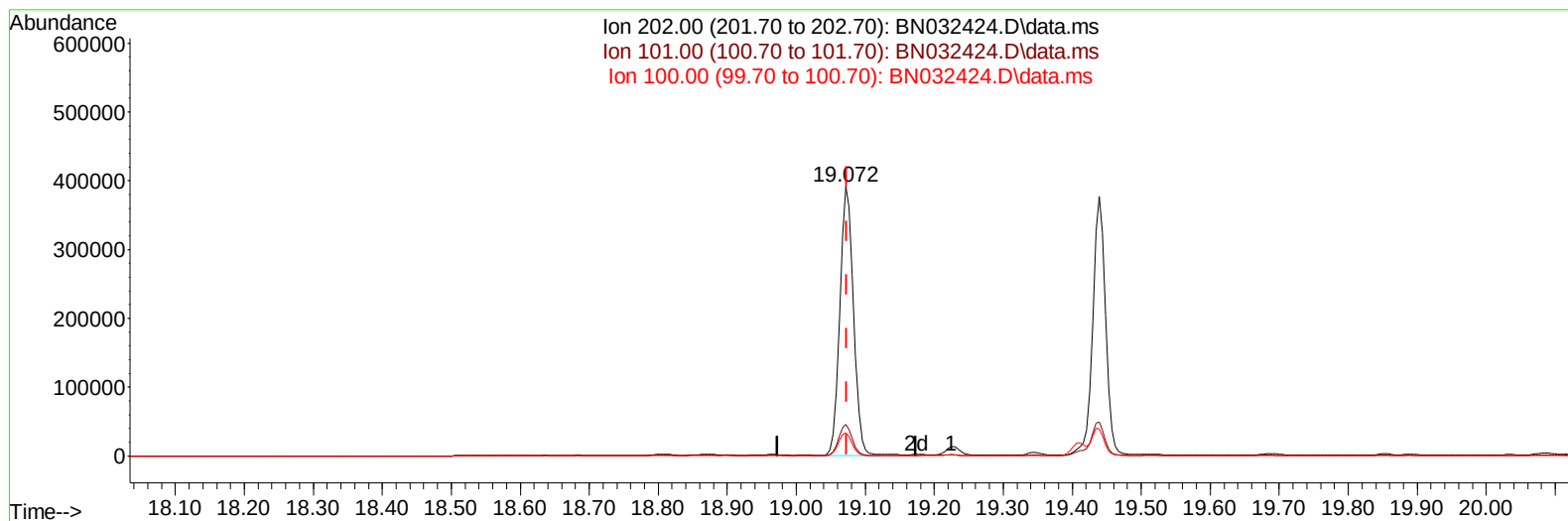
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(19) Fluoranthene (C)

19.072min (-0.001) 7.65 ng/ul m

response 534196

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.62
100.00	8.00	8.71
0.00	0.00	0.00

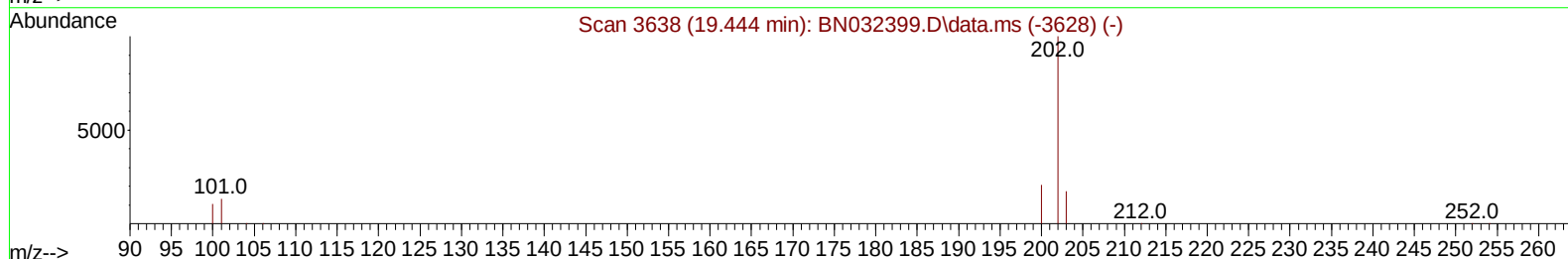
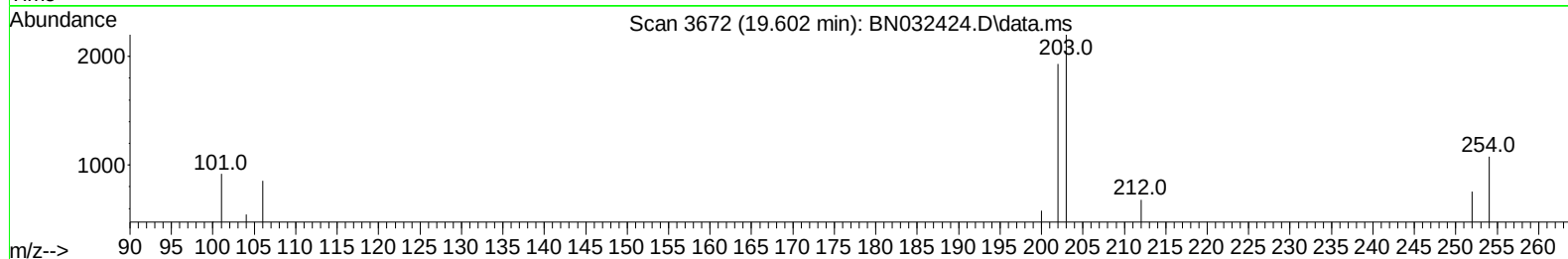
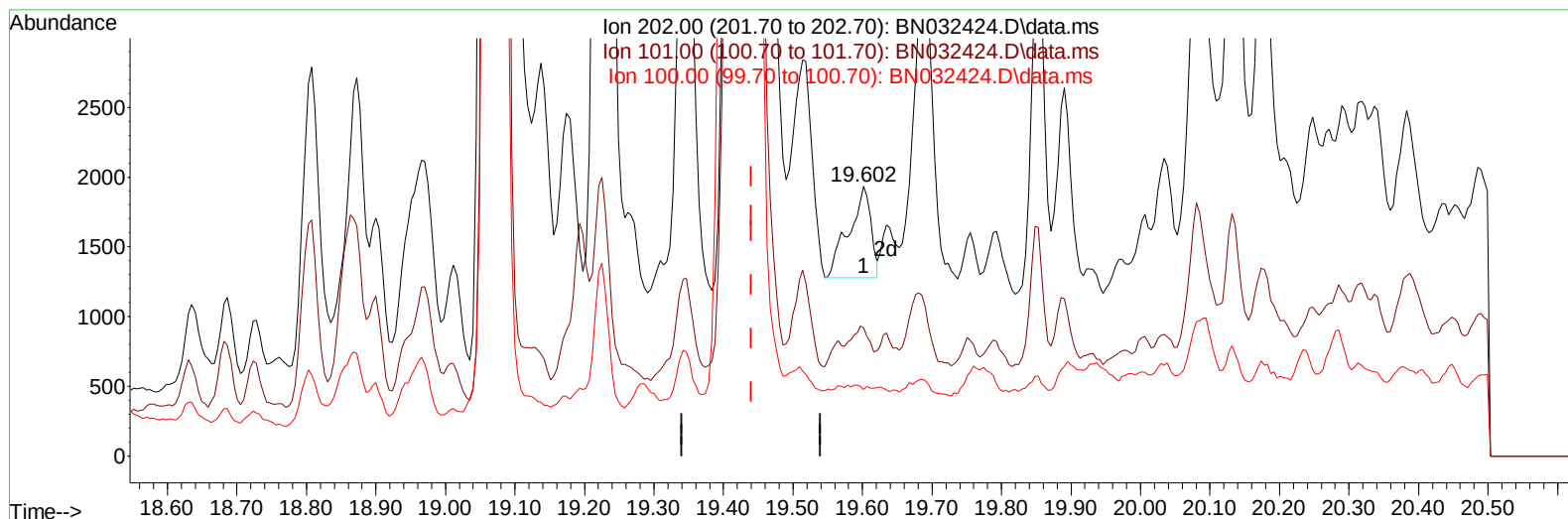
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
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Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
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A4CR3

Manual IntegrationsAPPROVED

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TIC: BN032424.D\data.ms

(20) Pyrene

19.602min (+ 0.162) 0.02 ng/u1

response 1439

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	47.57#
100.00	10.90	24.59#
0.00	0.00	0.00

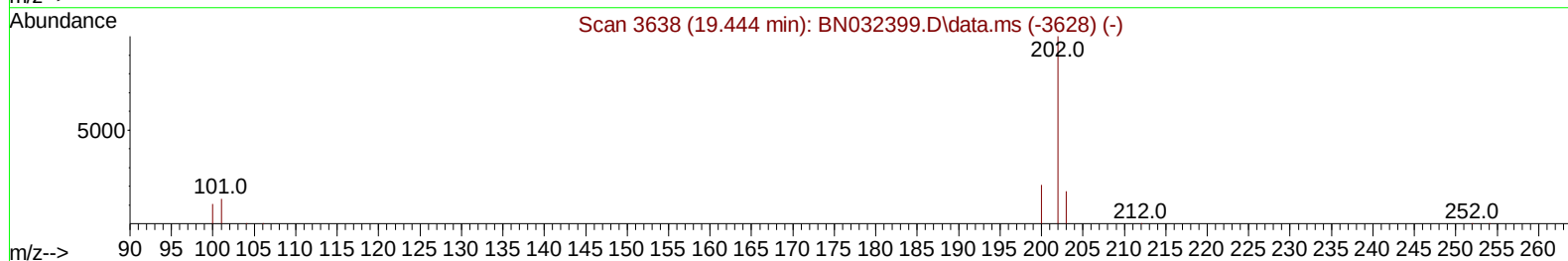
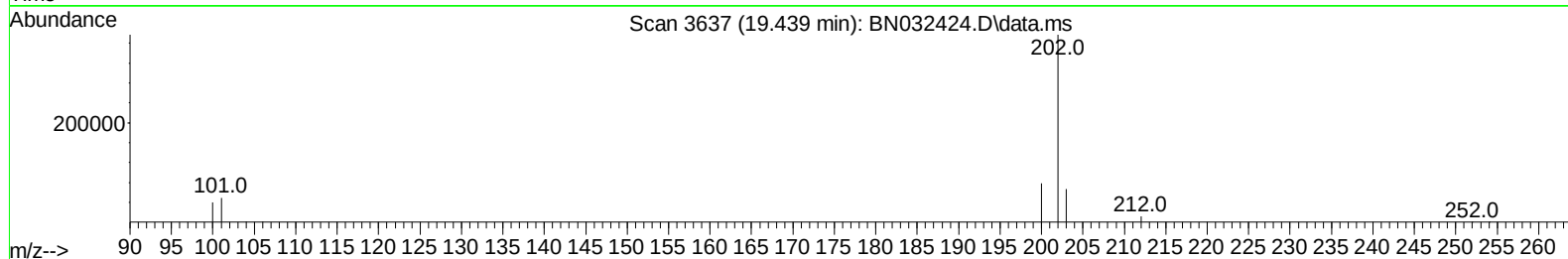
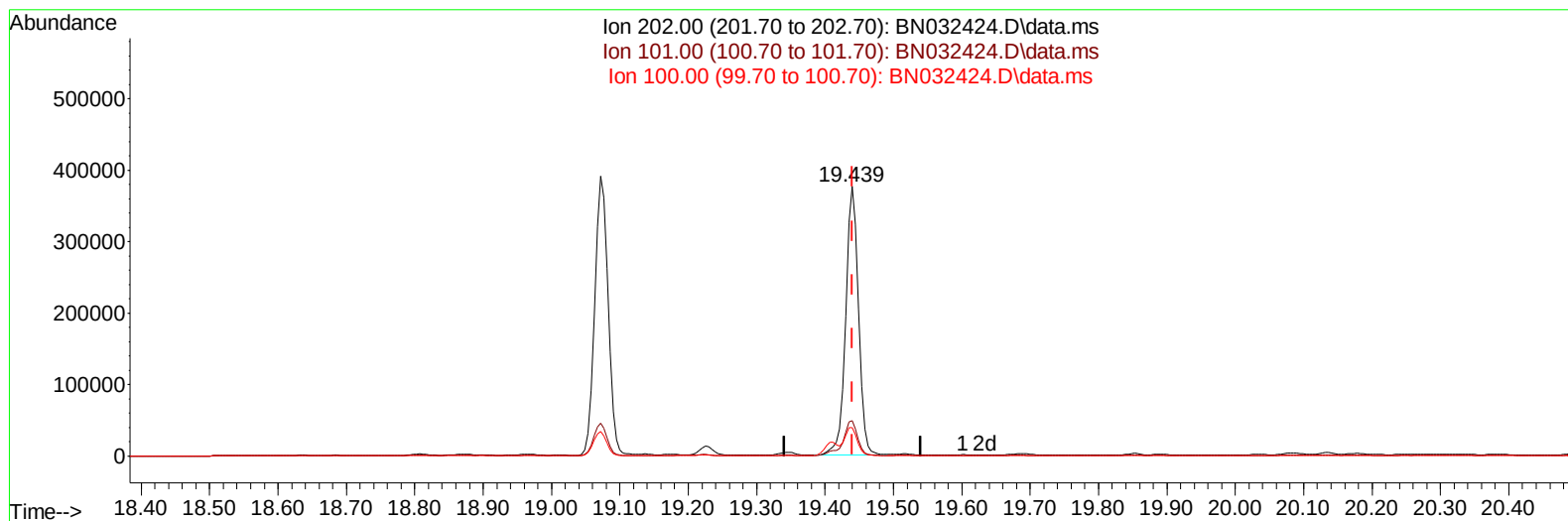
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(20) Pyrene

19.439min (-0.001) 6.72 ng/ul m

response 490826

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.01
100.00	10.90	10.54
0.00	0.00	0.00

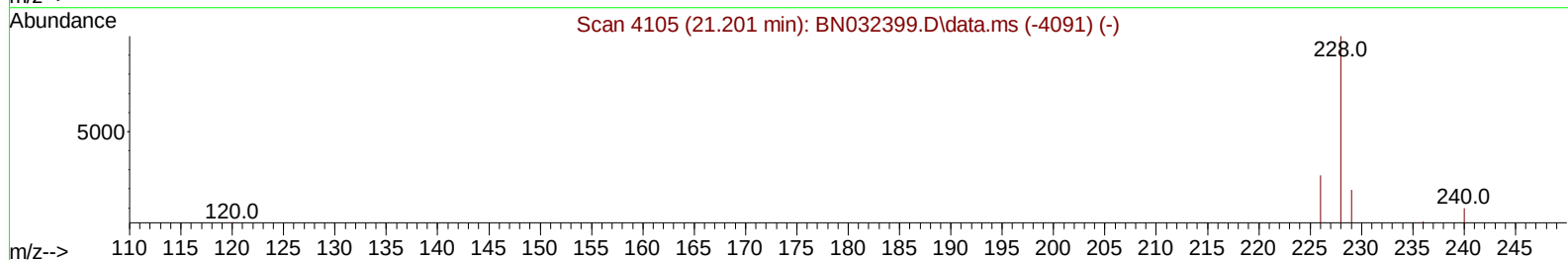
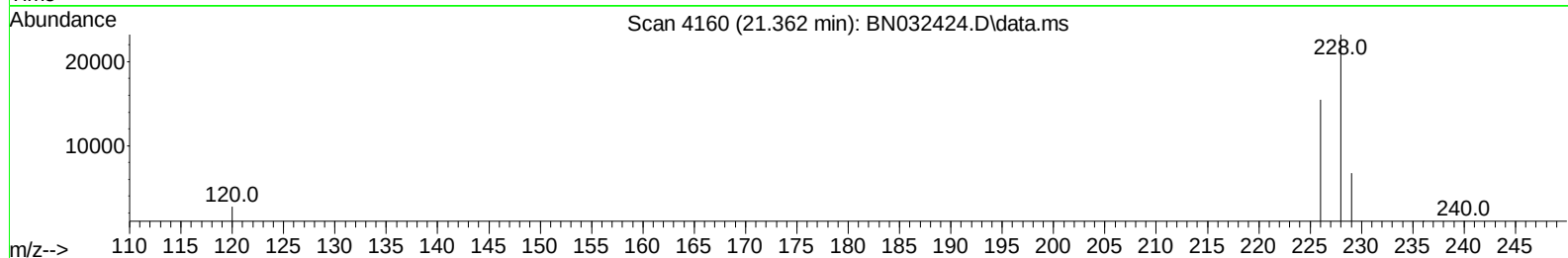
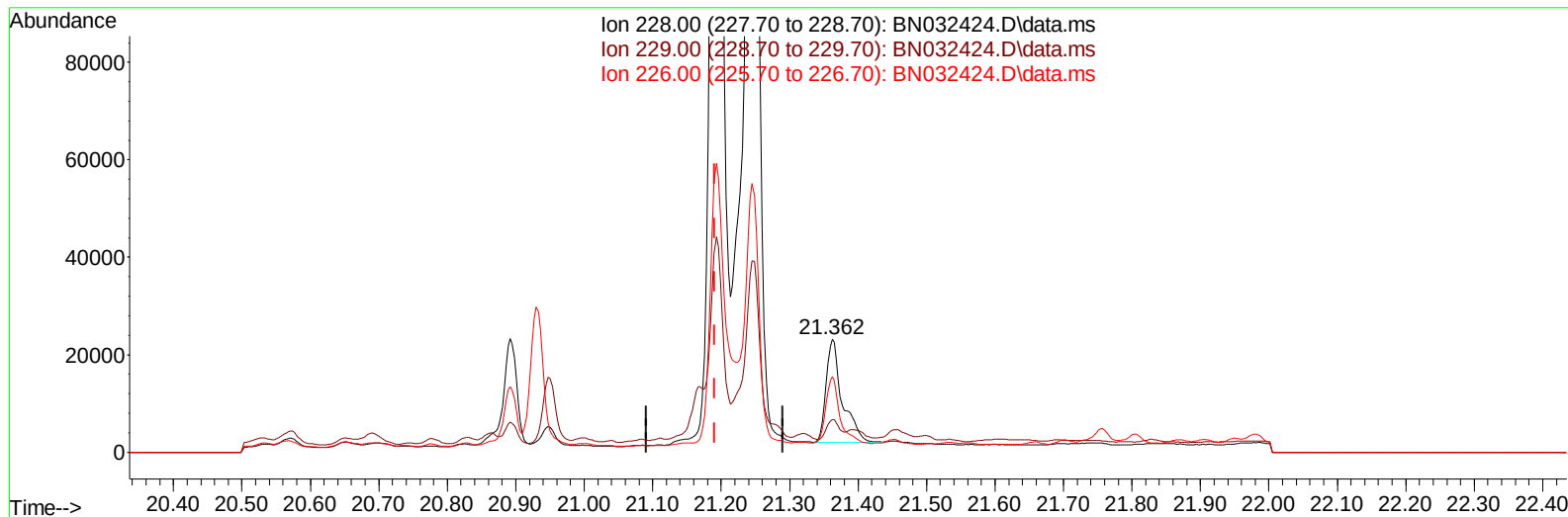
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(21) Benzo(a)anthracene

21.362min (+ 0.171) 0.52 ng/u1

response 34535

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	29.14#
226.00	27.30	66.70#
0.00	0.00	0.00

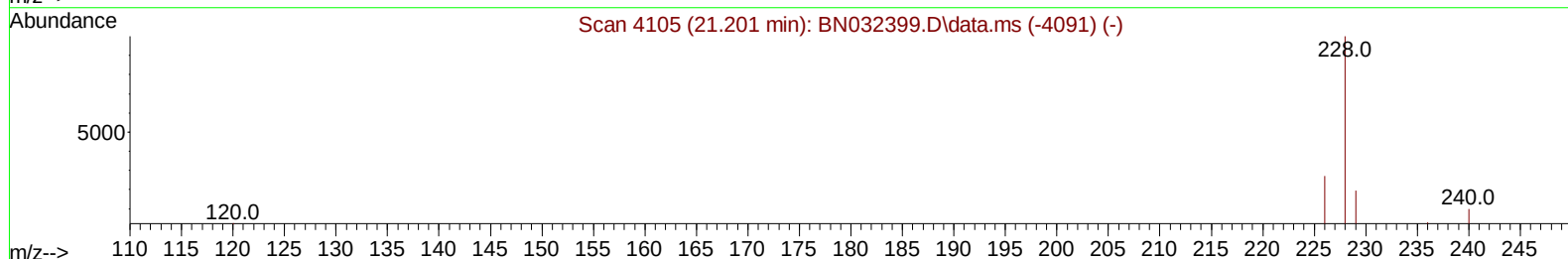
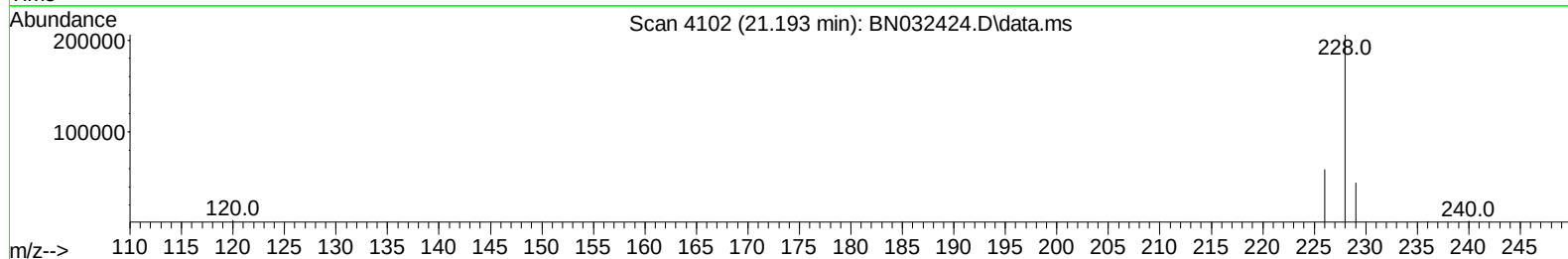
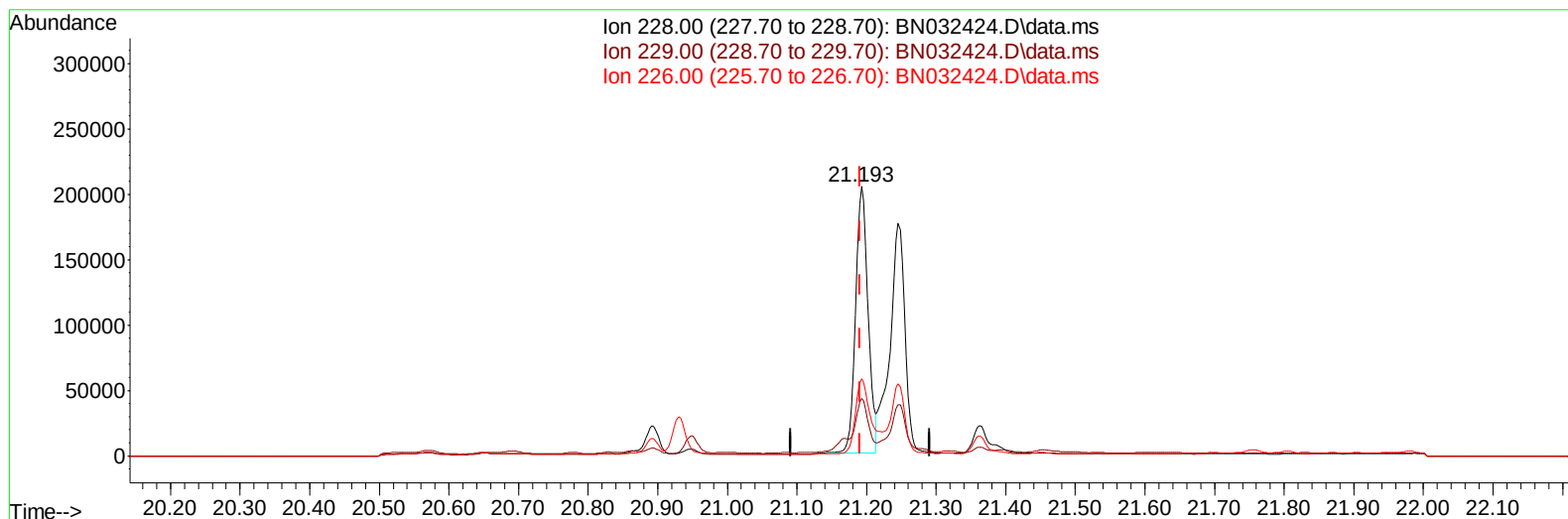
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(21) Benzo(a)anthracene

21.193min (+ 0.002) 3.85 ng/ul m

response 254657

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.47
226.00	27.30	28.77
0.00	0.00	0.00

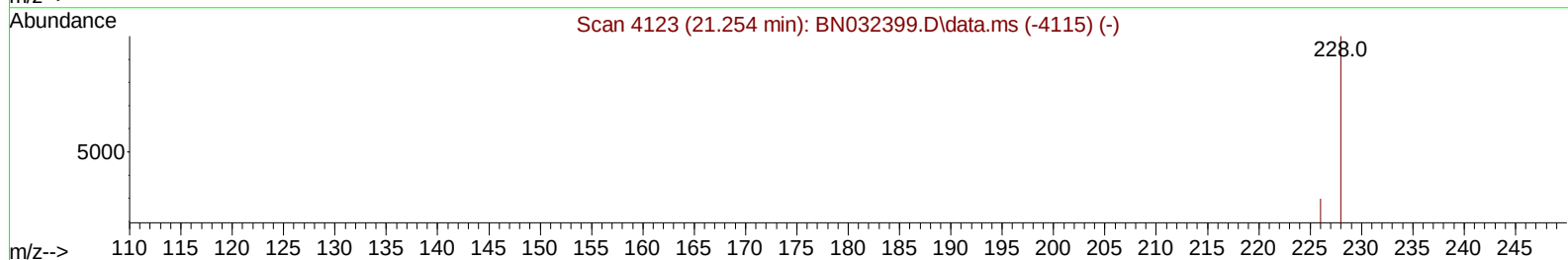
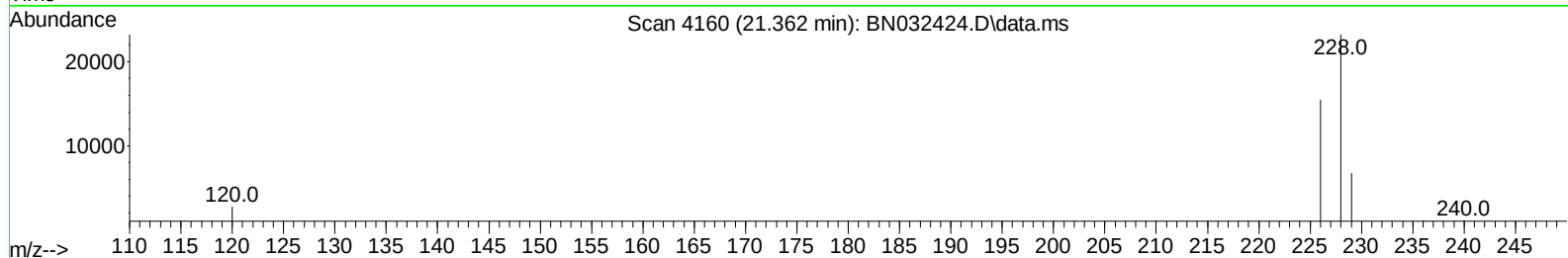
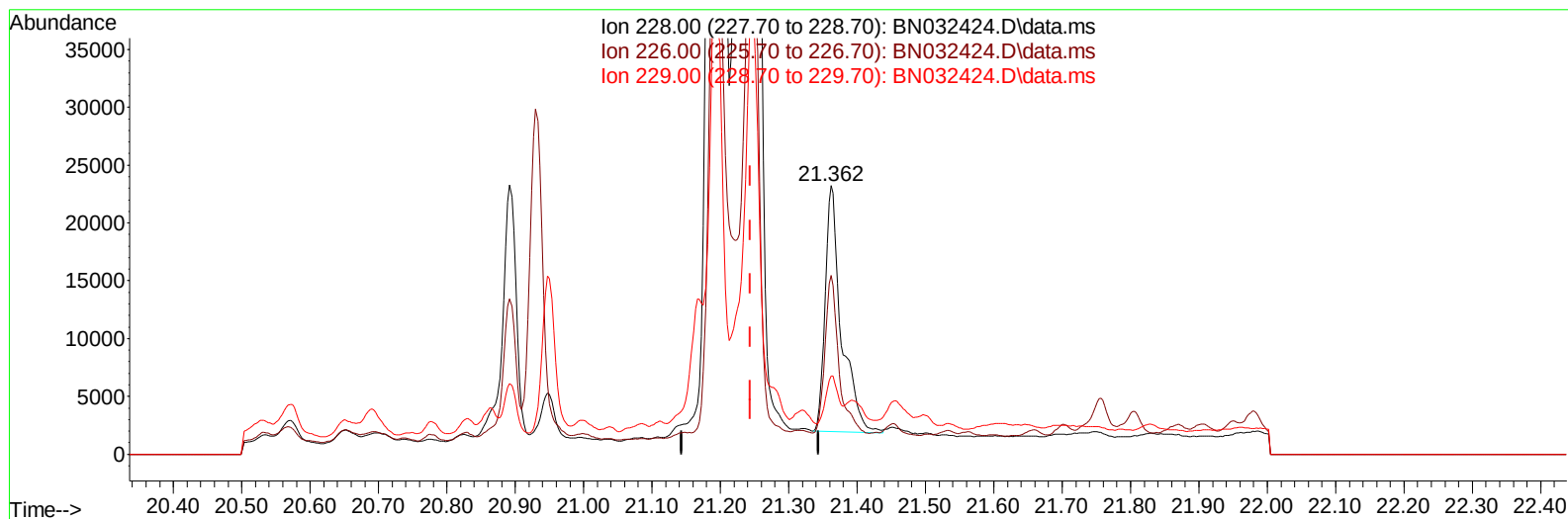
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(22) Chrysene

21.362min (+ 0.119) 0.48 ng/u1

response 35055

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.70#
229.00	19.60	29.14#
0.00	0.00	0.00

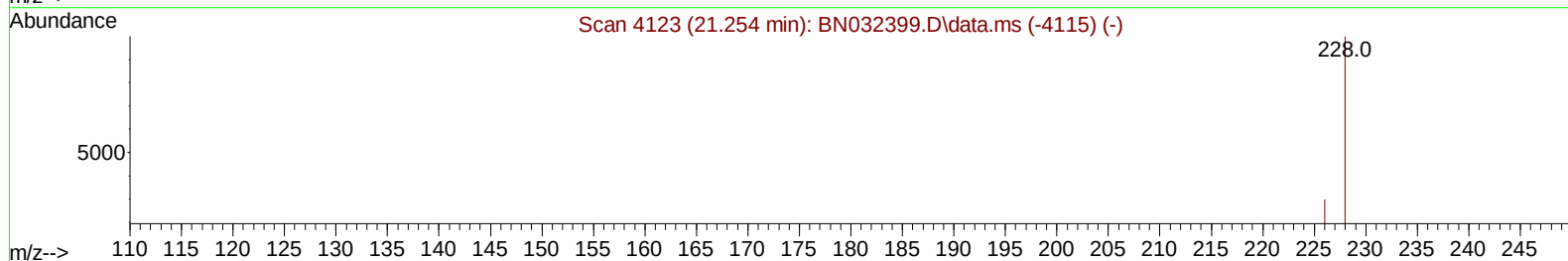
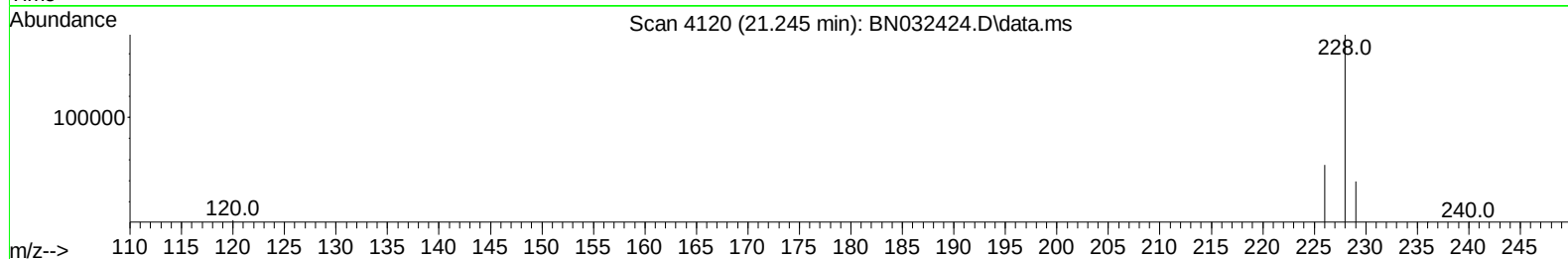
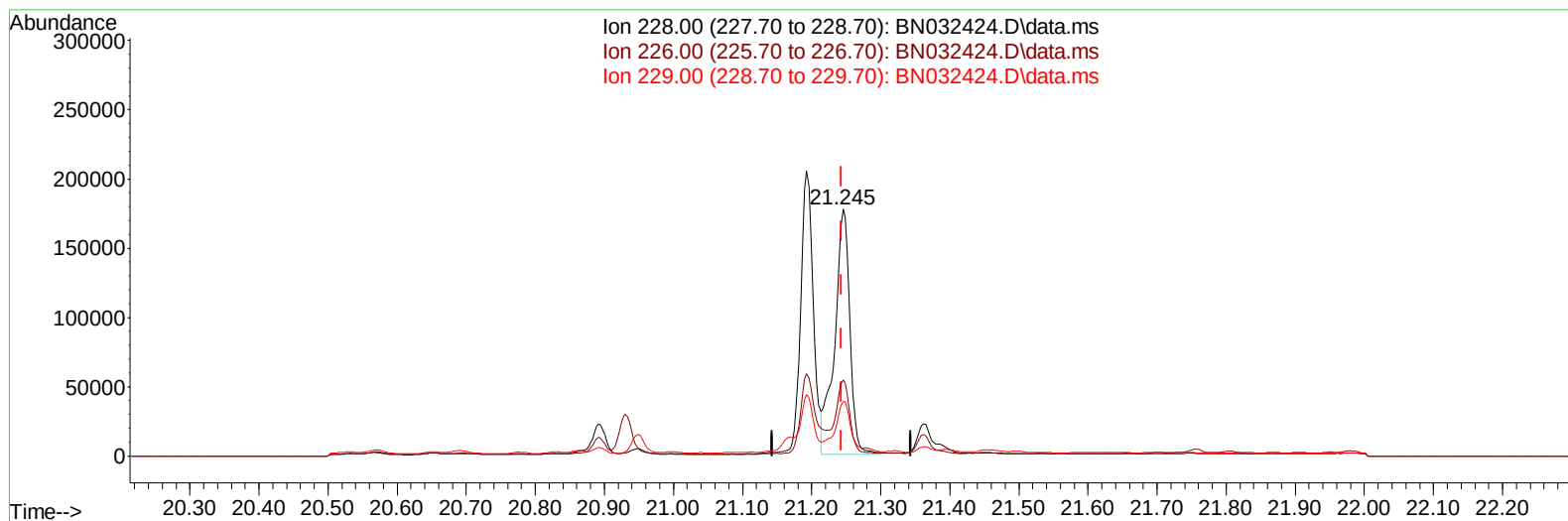
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(22) Chrysene

21.245min (+ 0.002) 3.76 ng/ul m

response 273266

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.93
229.00	19.60	22.07
0.00	0.00	0.00

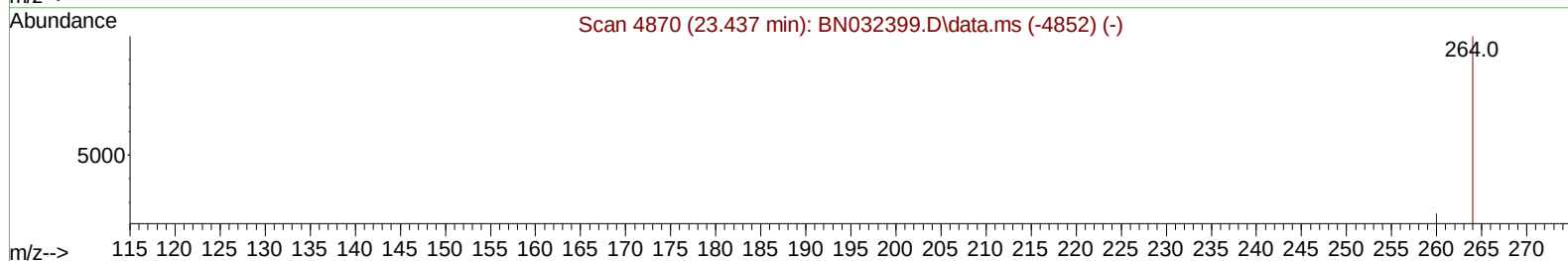
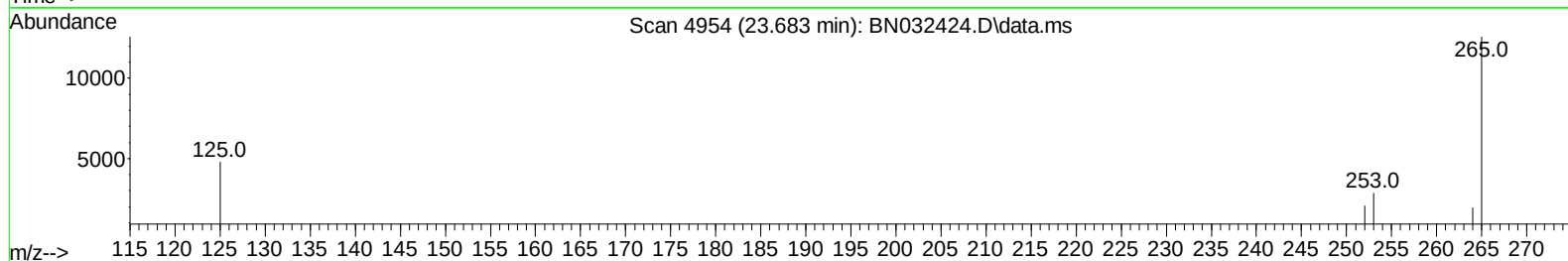
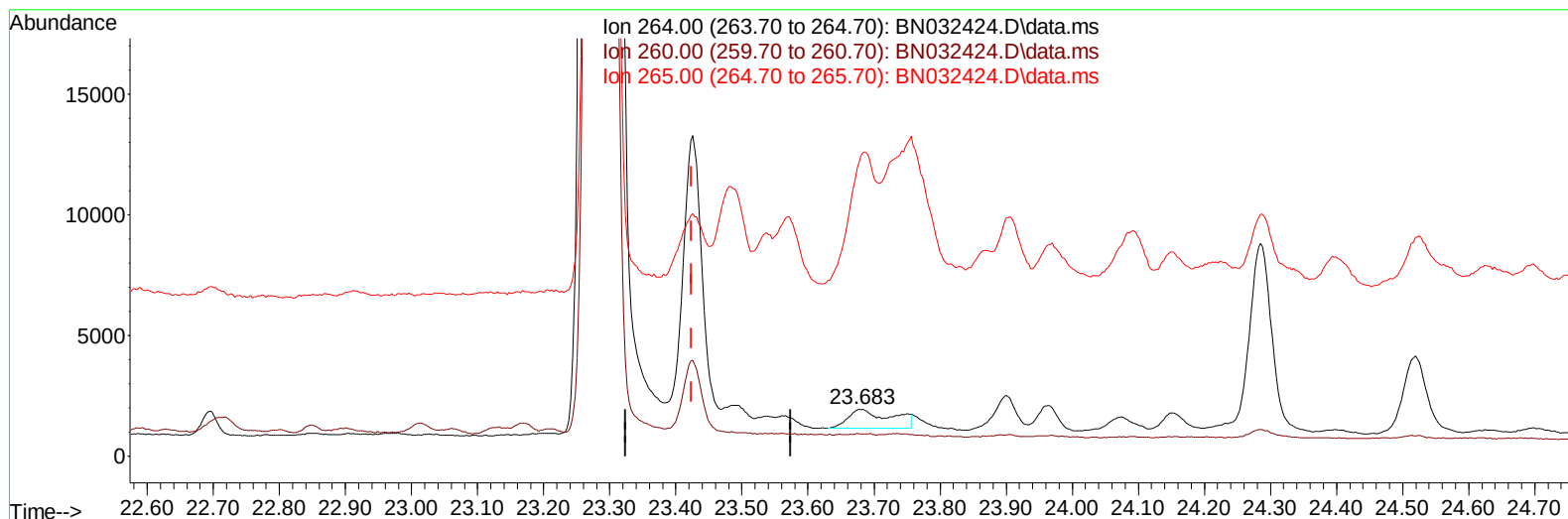
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(23) Perylene-d12 (I)

23.683min (+ 0.259) 0.40 ng/u1

response 3555

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	47.08#
265.00	67.20	644.67#
0.00	0.00	0.00

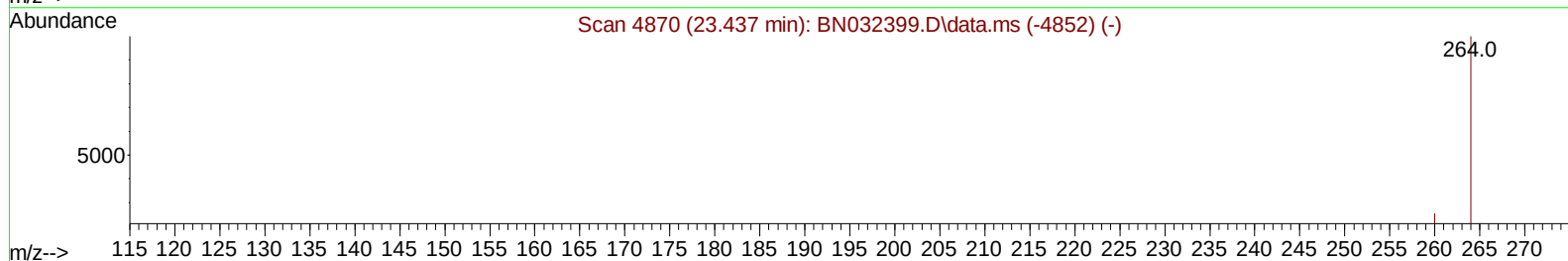
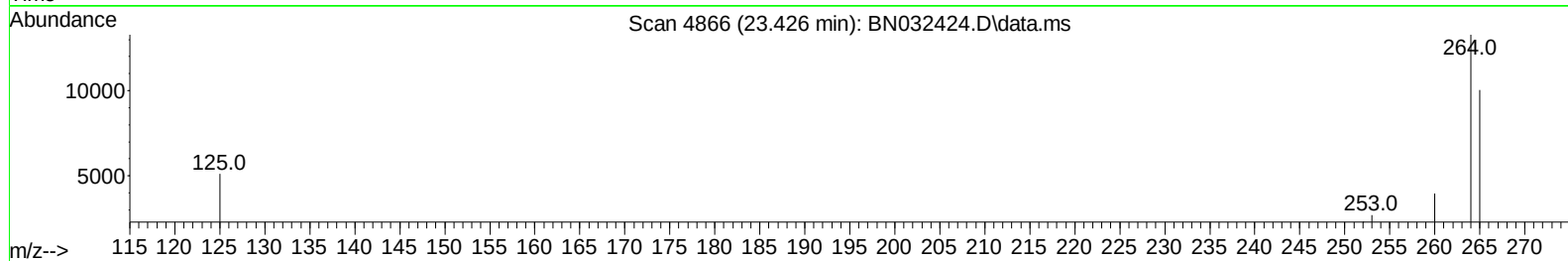
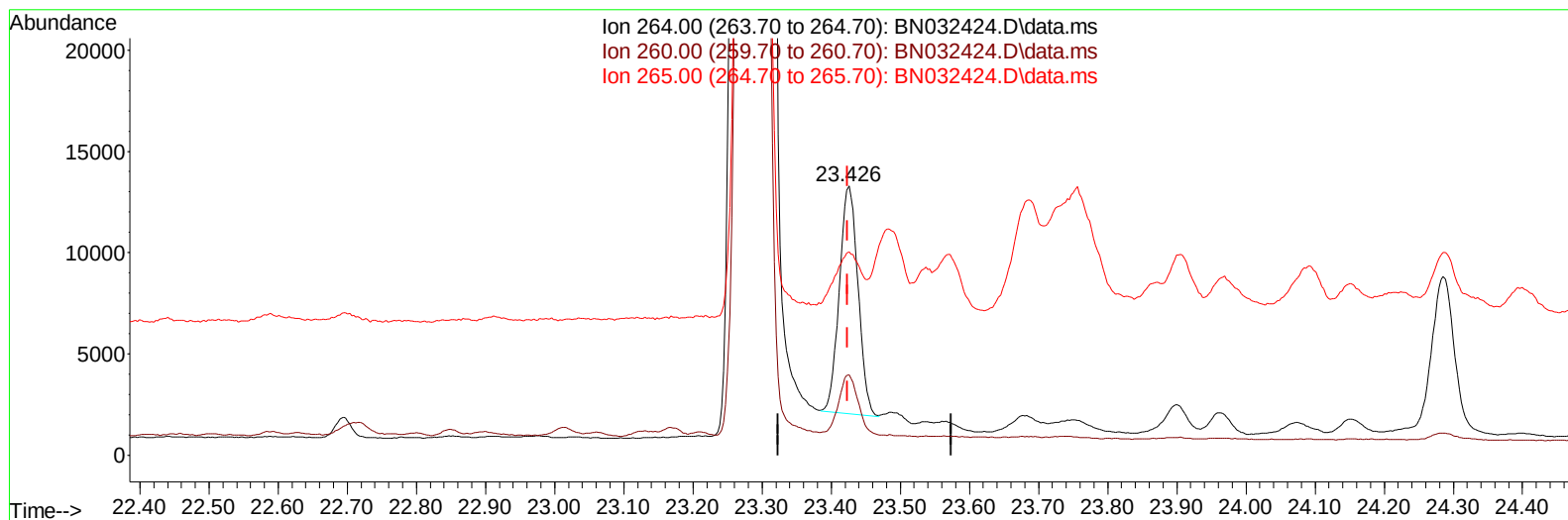
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(23) Perylene-d12 (I)

23.426min (+ 0.002) 0.40 ng/ul m

response 21083

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.79
265.00	67.20	75.62
0.00	0.00	0.00

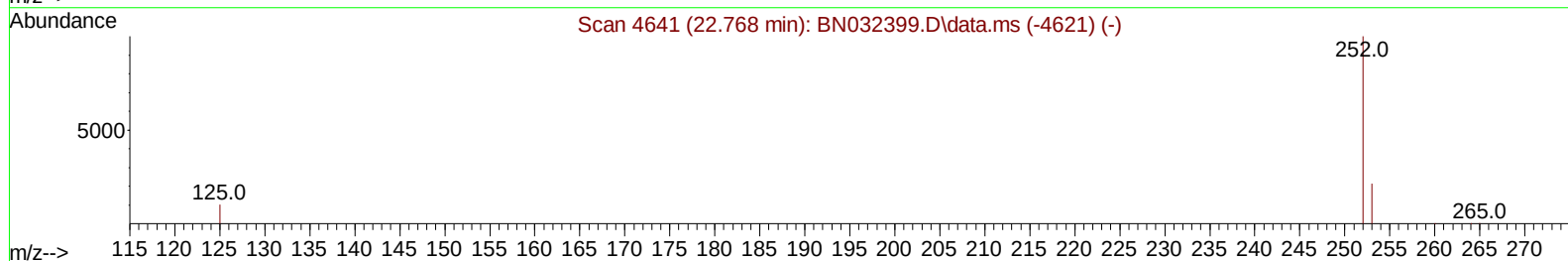
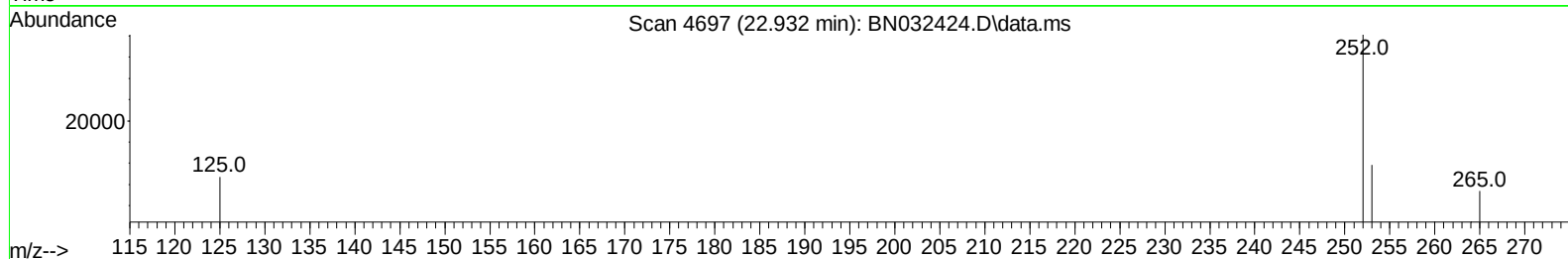
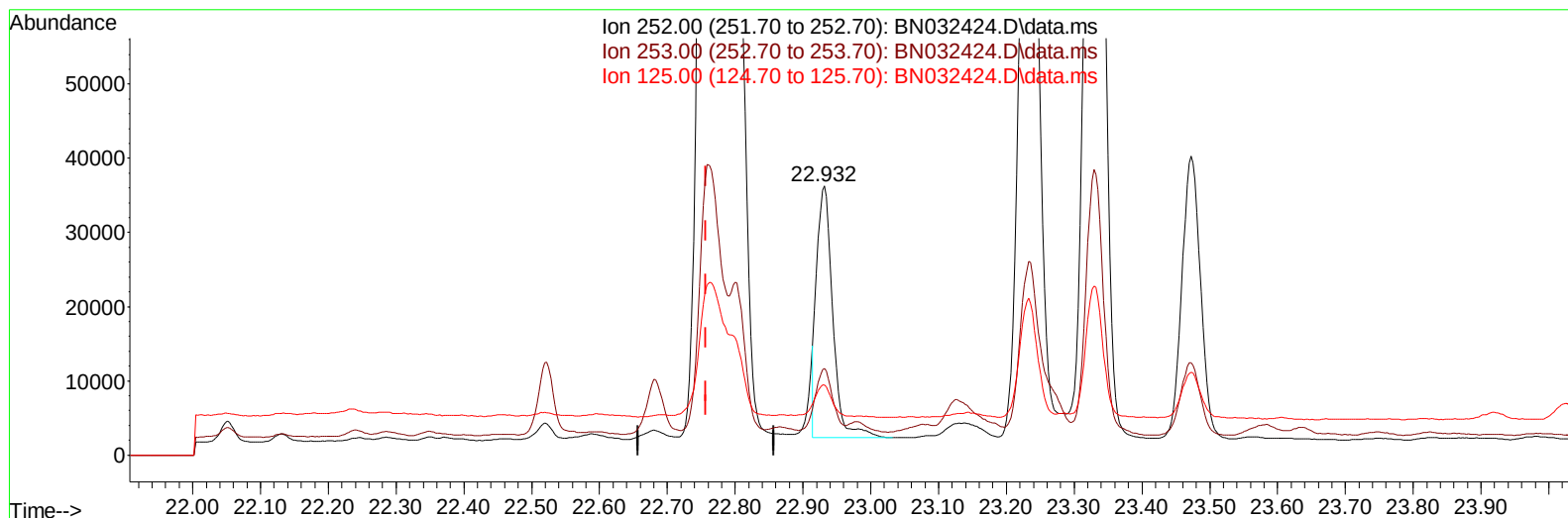
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(24) Benzo(b)fluoranthene

22.932min (+ 0.174) 0.61 ng/u1

response 56134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.10
125.00	16.00	26.00
0.00	0.00	0.00

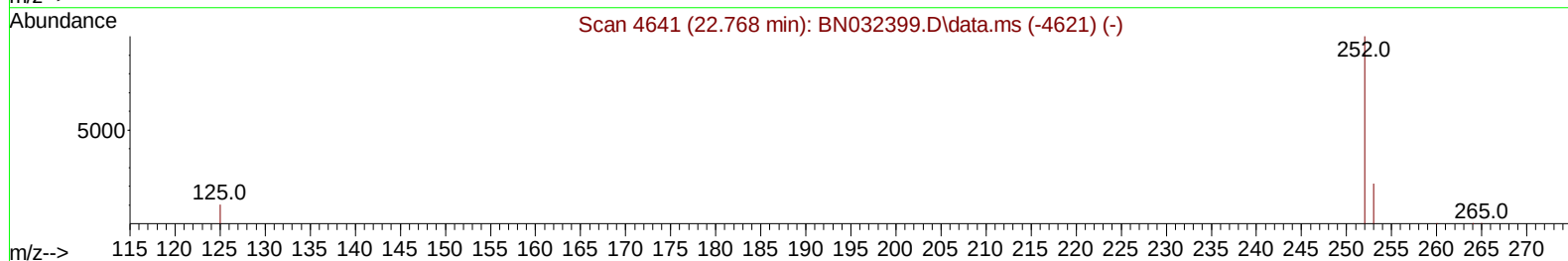
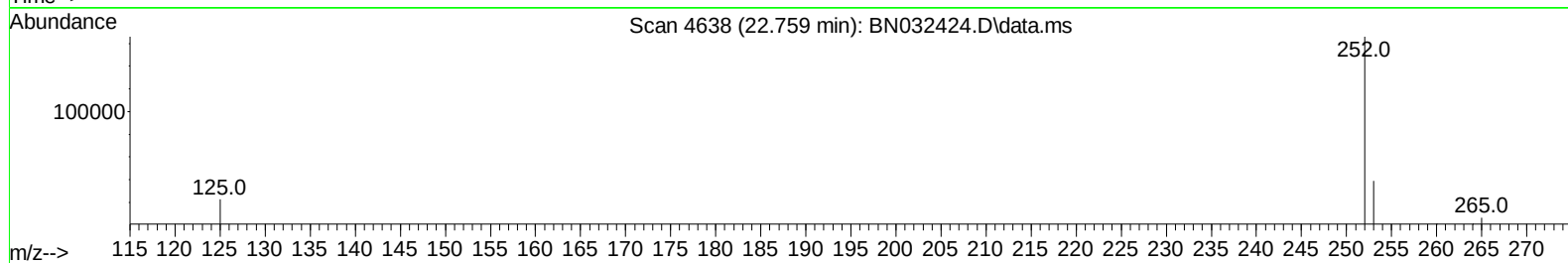
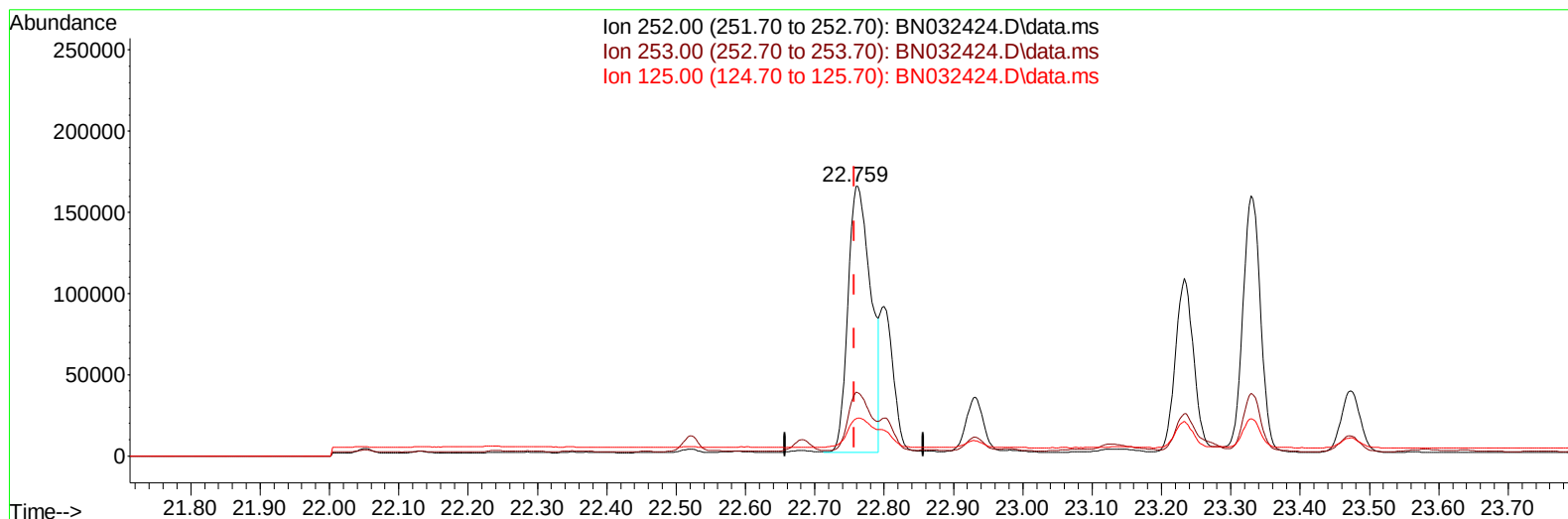
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(24) Benzo(b)fluoranthene

22.759min (+ 0.002) 4.10 ng/ul m

response 375318

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.61
125.00	16.00	13.81
0.00	0.00	0.00

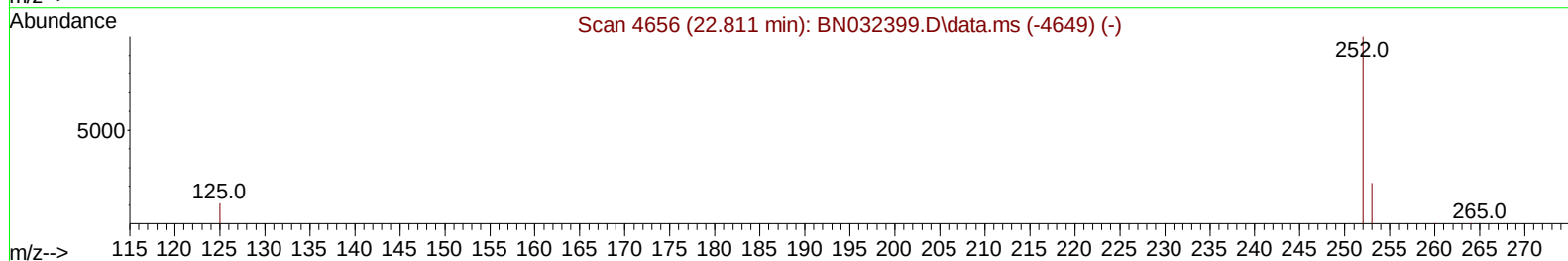
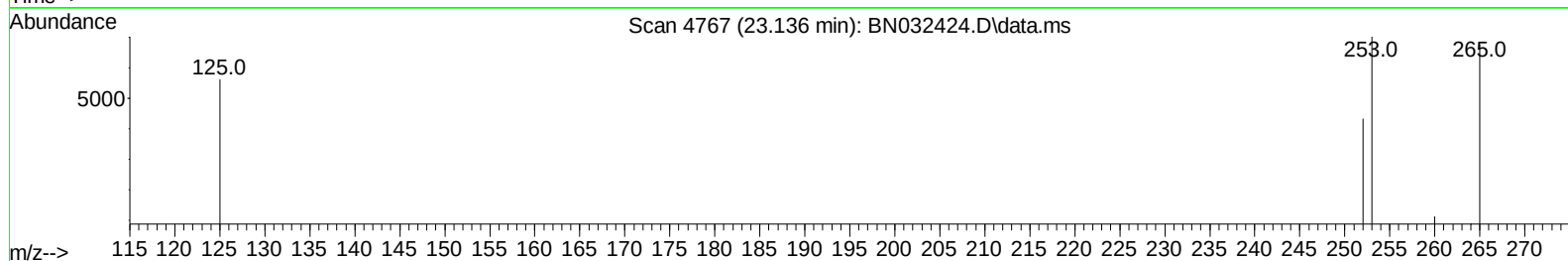
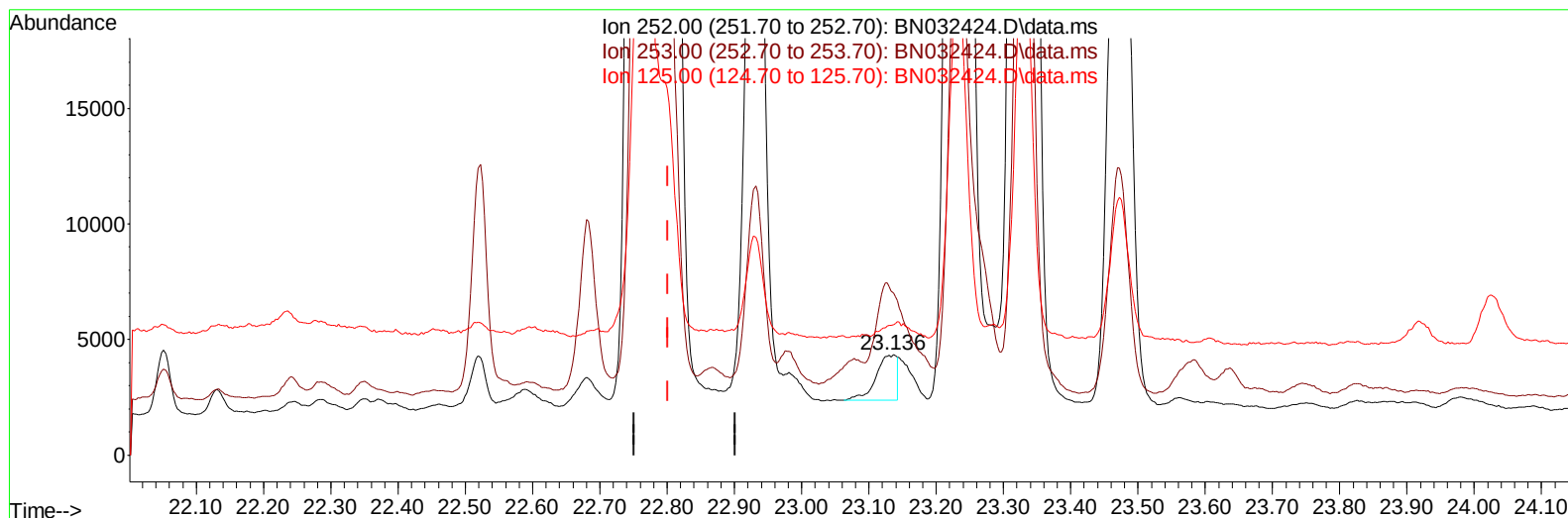
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(25) Benzo(k)fluoranthene

23.136min (+ 0.335) 0.05 ng/u1

response 4278

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	161.77#
125.00	16.00	129.81#
0.00	0.00	0.00

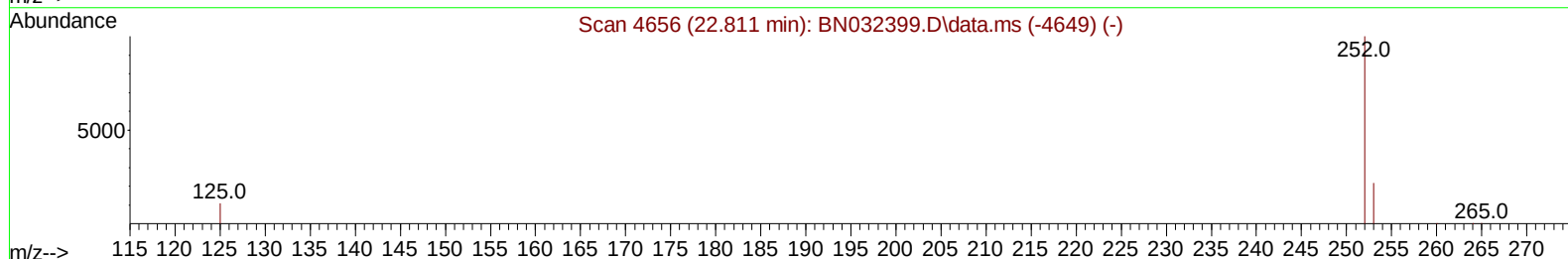
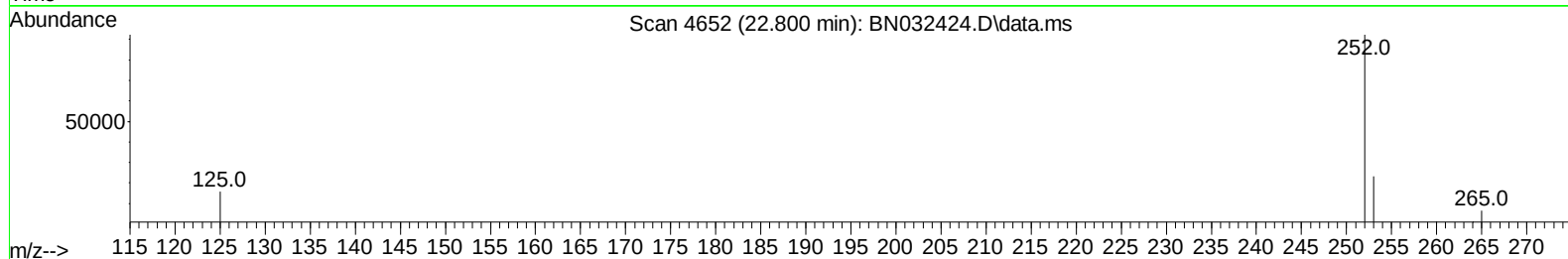
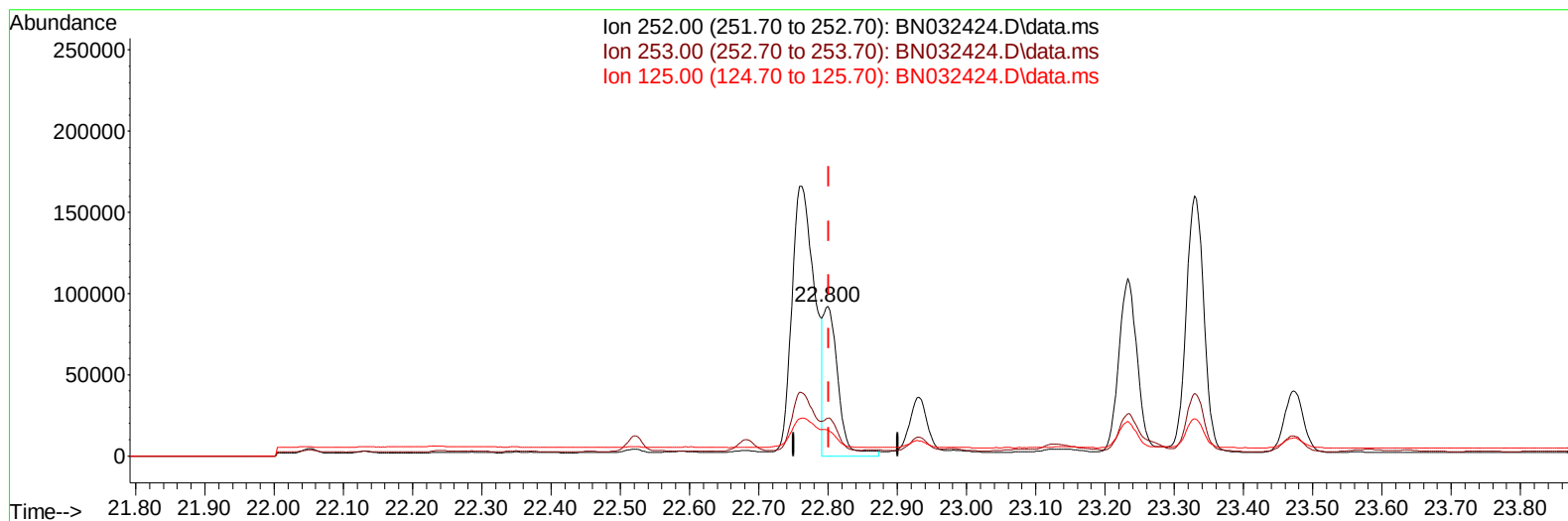
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(25) Benzo(k)fluoranthene

22.800min (-0.001) 1.50 ng/ul m

response 133609

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.20
125.00	16.00	17.20
0.00	0.00	0.00

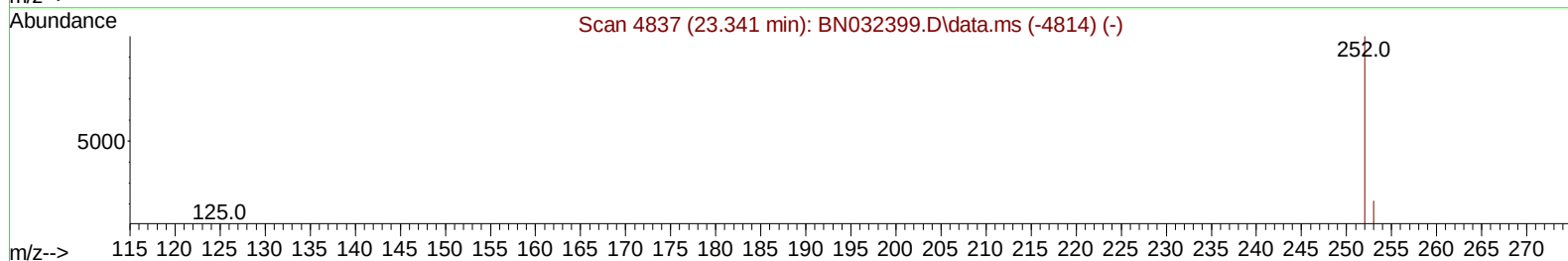
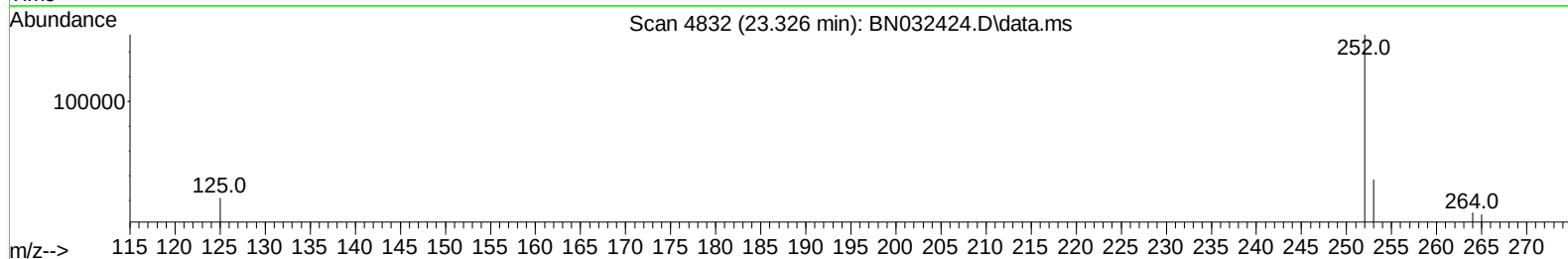
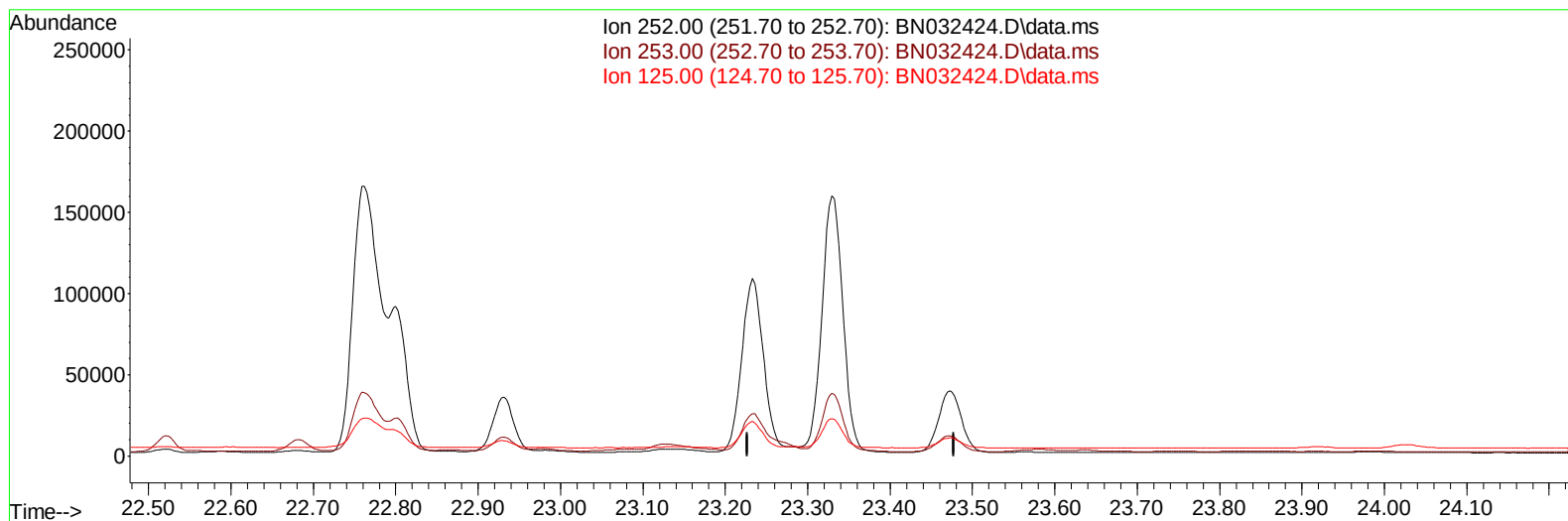
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-23.327) 0.00 ng/u1

response 0

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

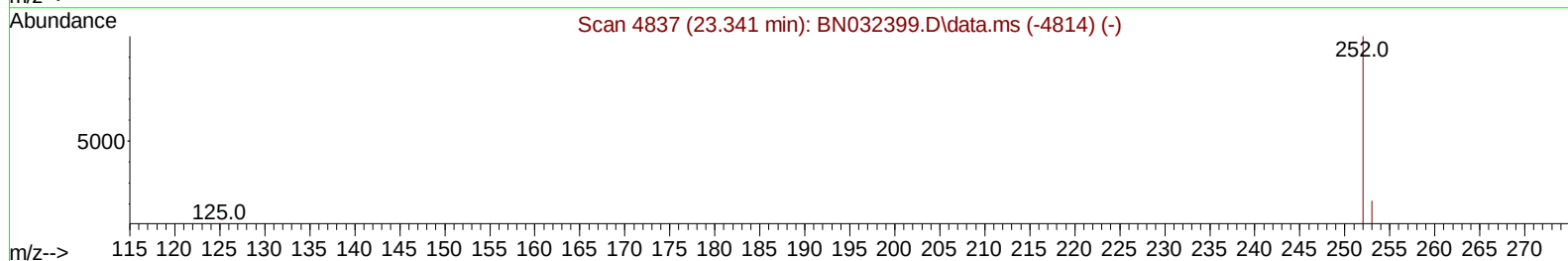
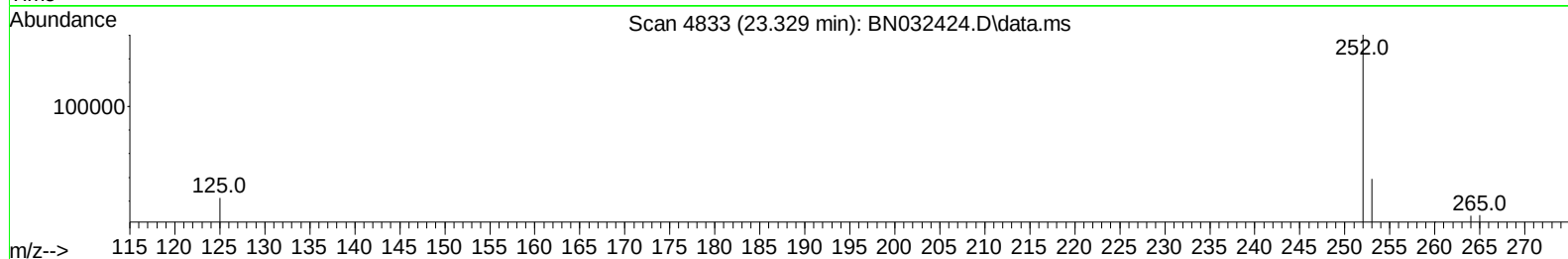
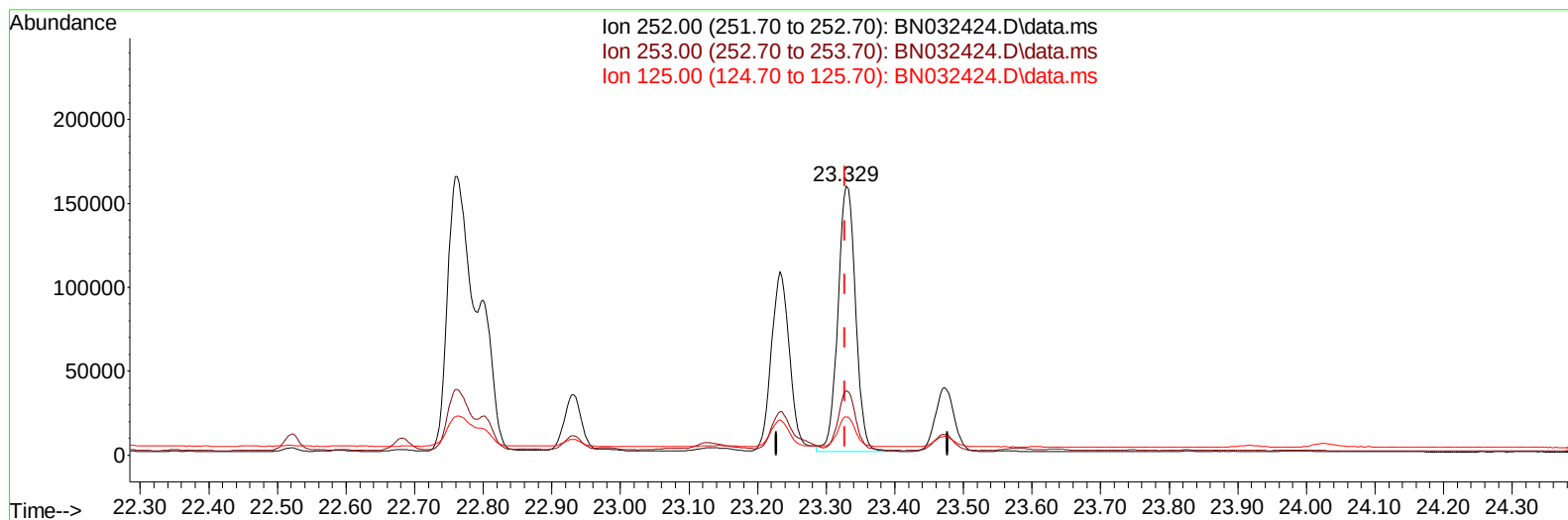
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(26) Benzo(a)pyrene (C)

23.329min (+ 0.002) 4.46 ng/ul m

response 284083

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.02
125.00	20.50	14.19#
0.00	0.00	0.00

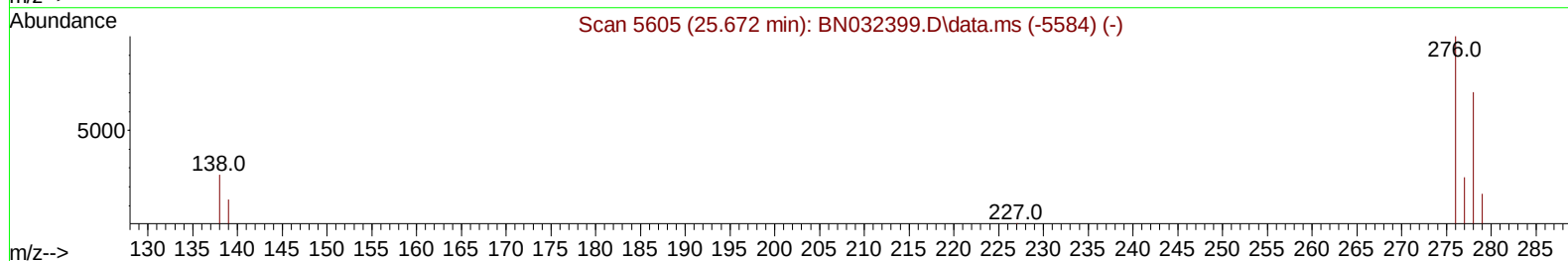
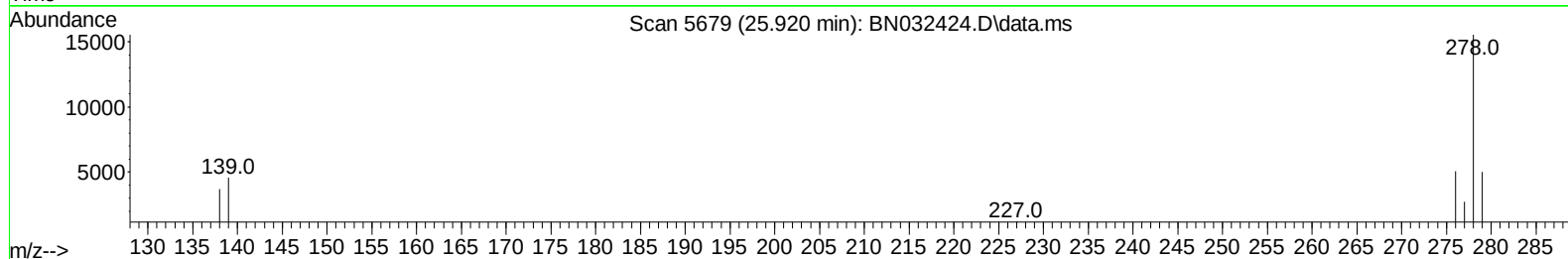
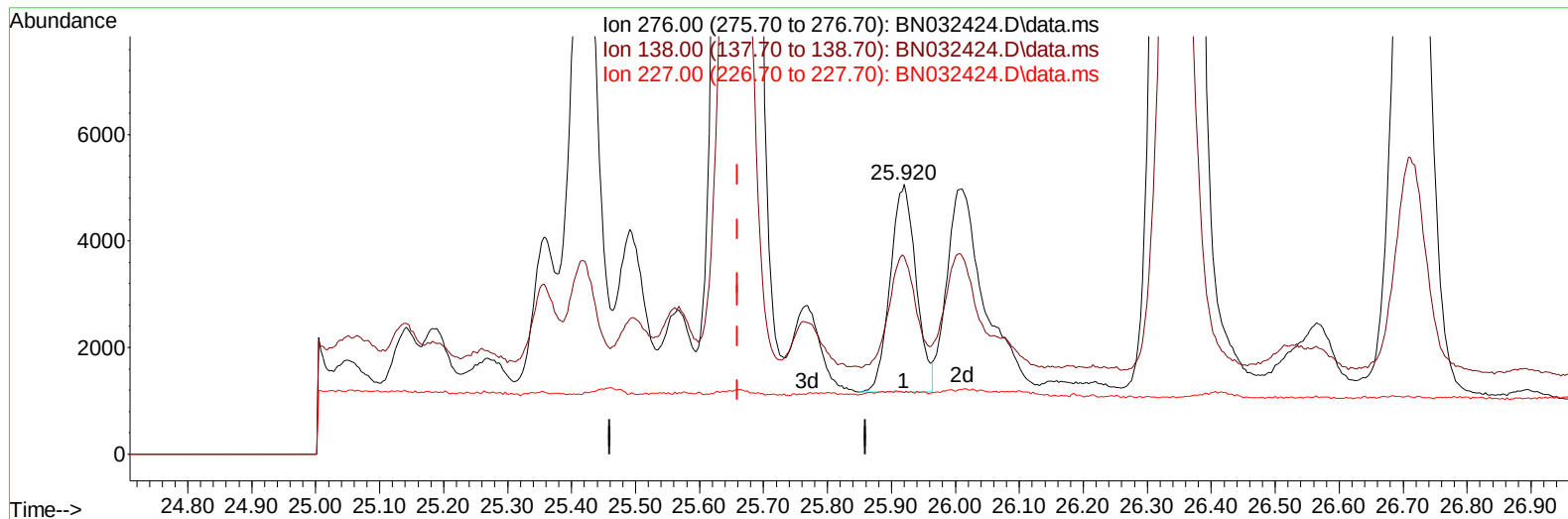
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

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

25.920min (+ 0.260) 0.11 ng/u1

response 10932

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.45#
227.00	0.10	0.46#
0.00	0.00	0.00

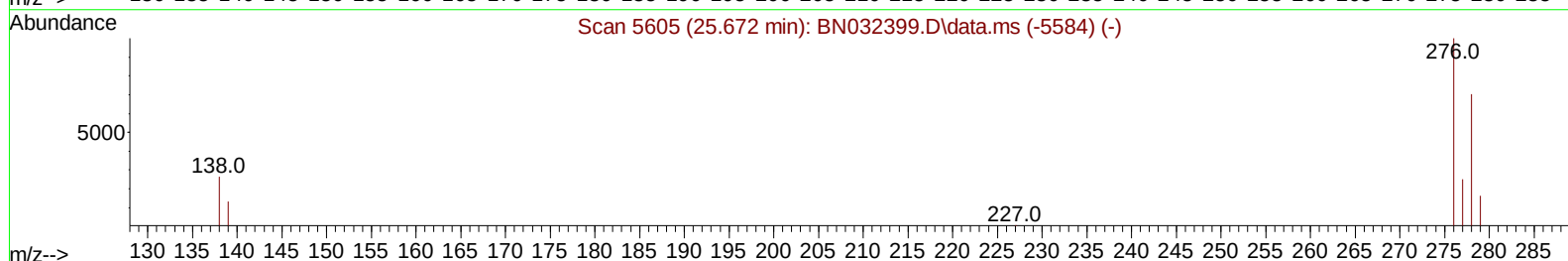
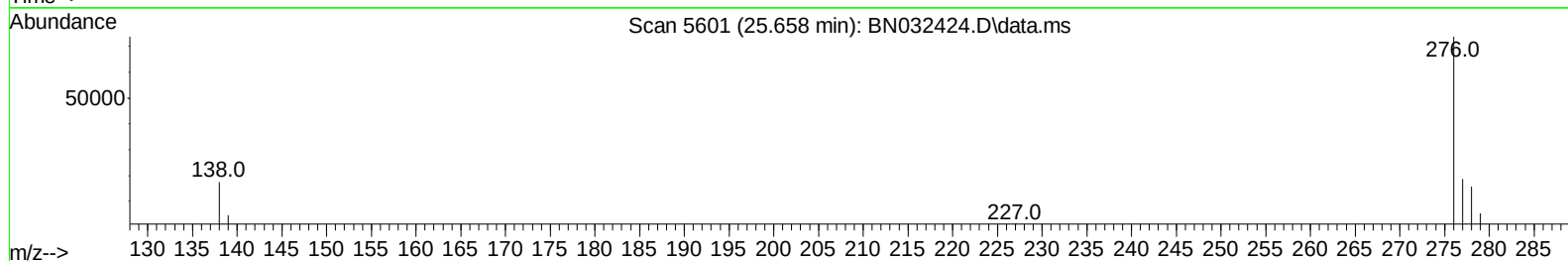
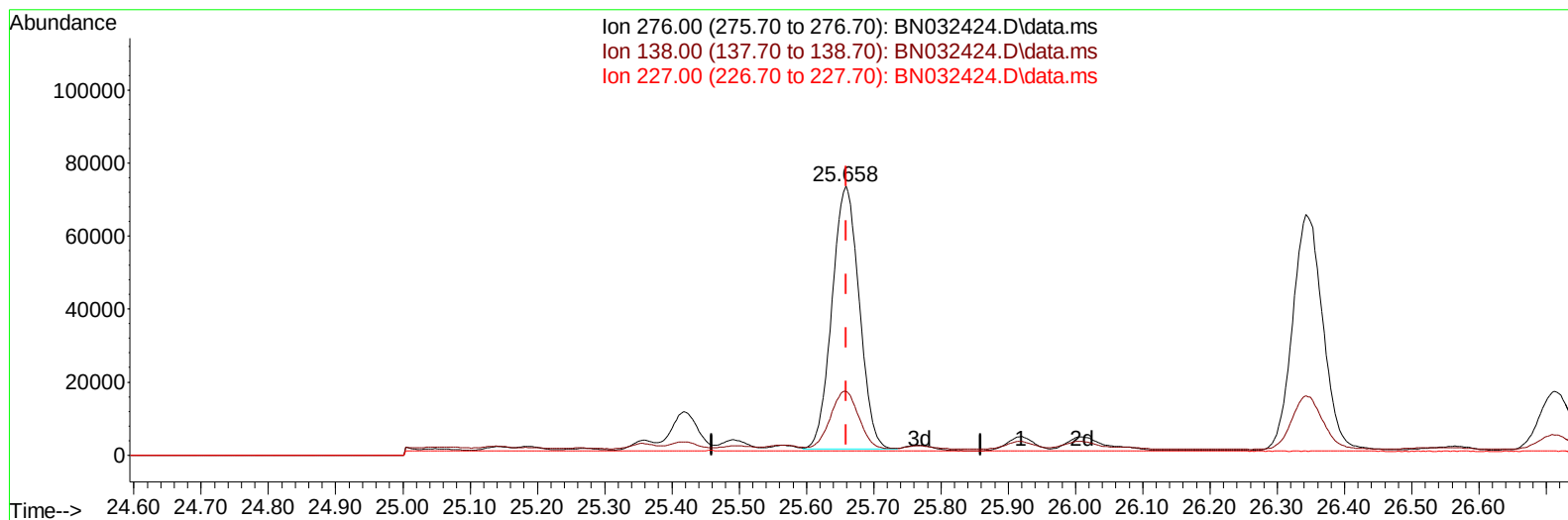
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

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

25.658min (-0.001) 2.02 ng/ul m

response 201716

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.06#
227.00	0.10	0.02#
0.00	0.00	0.00

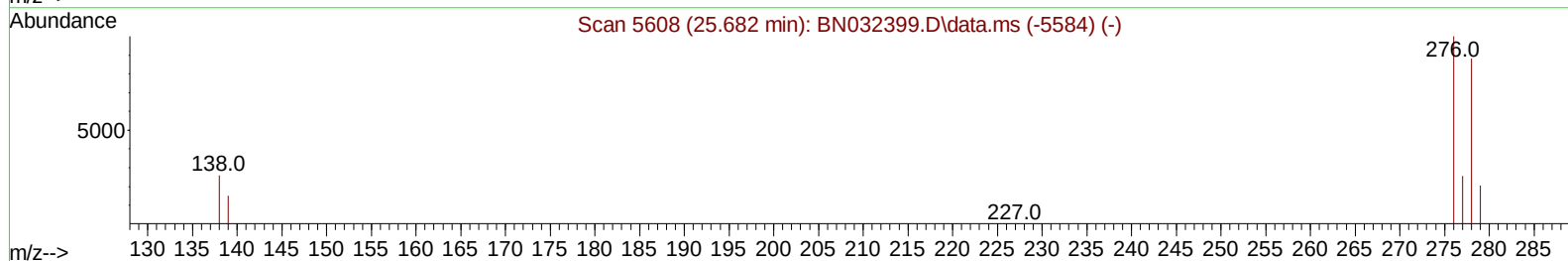
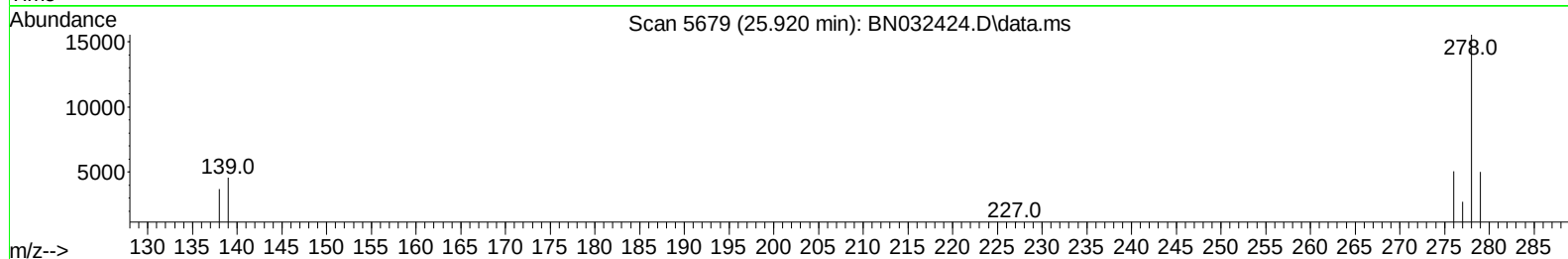
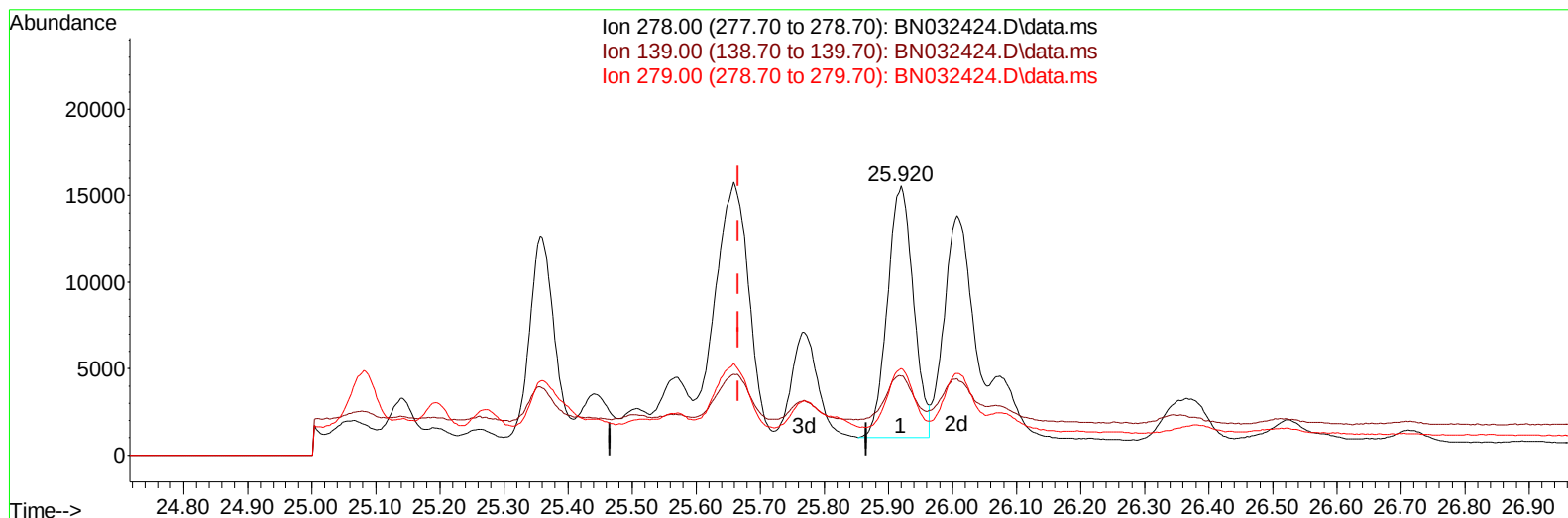
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032424.D
 Acq On : 03 Jul 2024 05:46
 Operator : MA/JU
 Sample : P2963-10
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(28) Dibenzo(a,h)anthracene

25.920min (+ 0.254) 0.55 ng/u1

response 41000

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.37#
279.00	26.40	32.27#
0.00	0.00	0.00

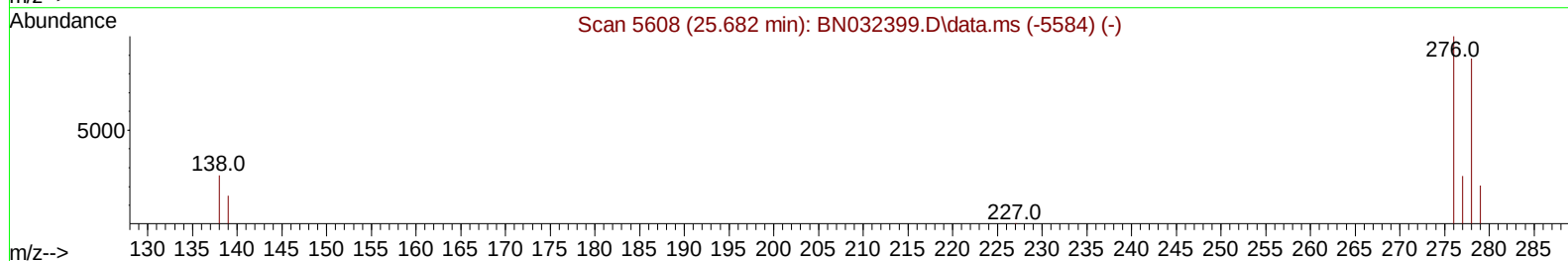
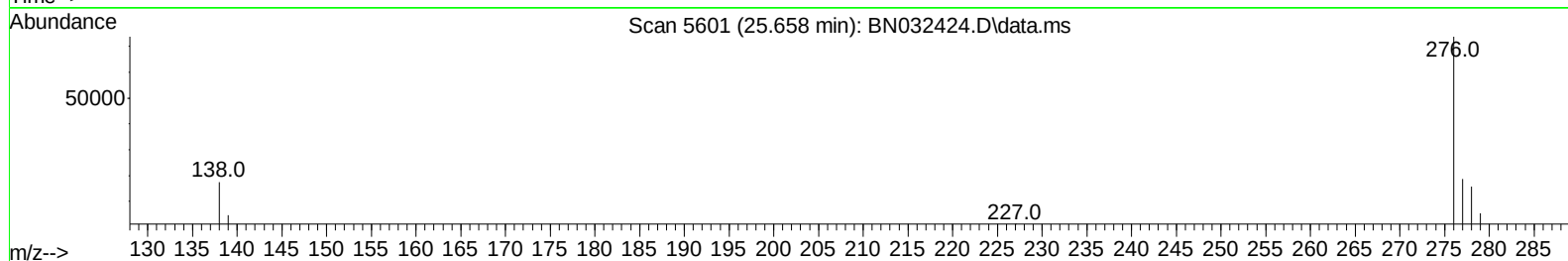
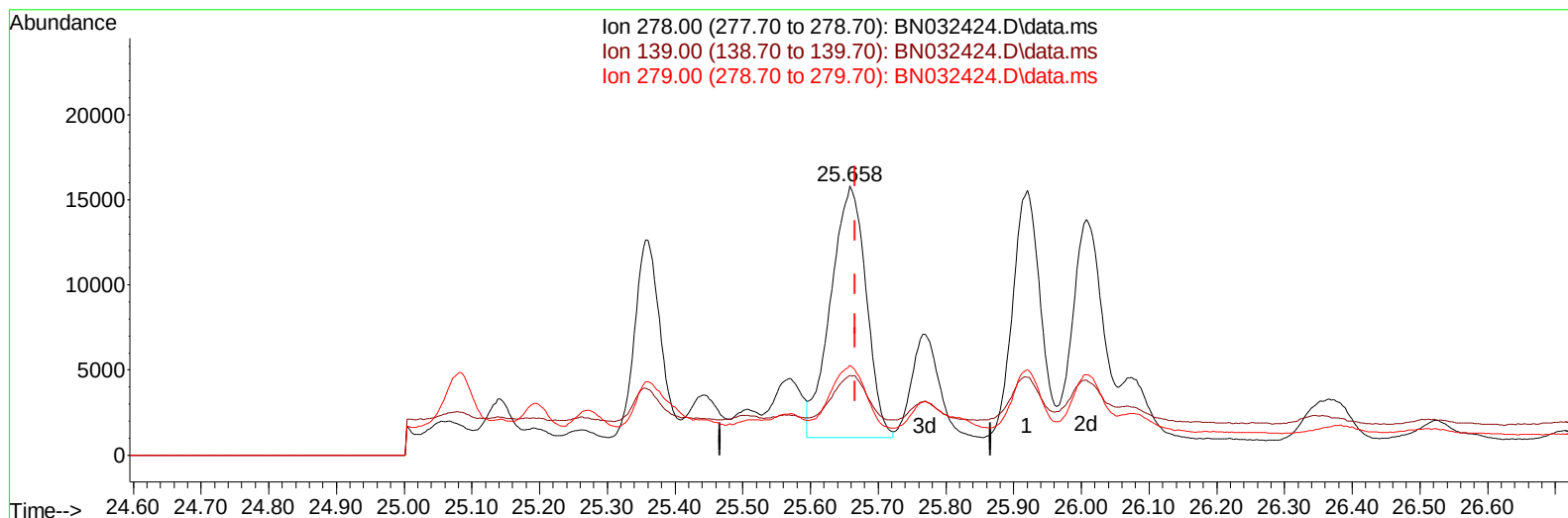
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

(28) Dibenzo(a,h)anthracene

25.658min (-0.008) 0.73 ng/ul m

response 53767

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.55#
279.00	26.40	33.46#
0.00	0.00	0.00

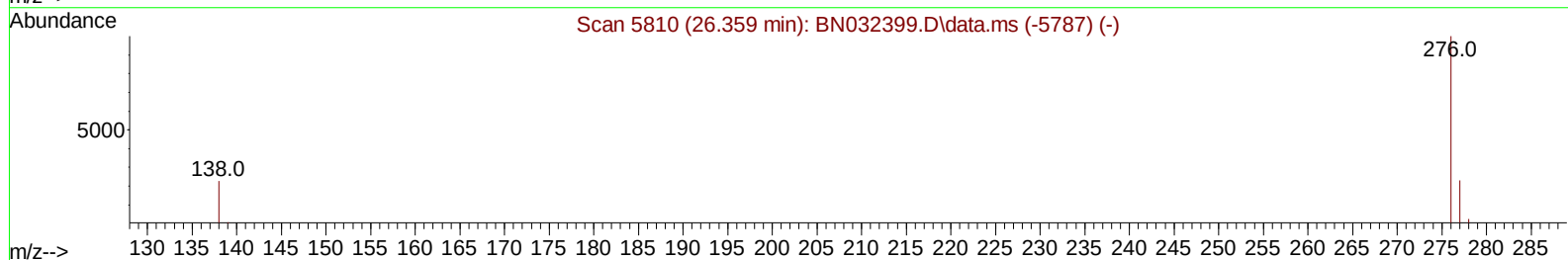
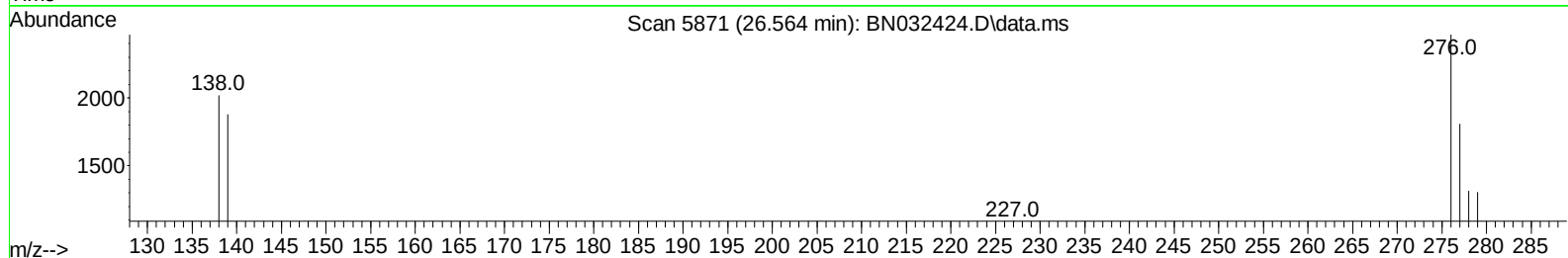
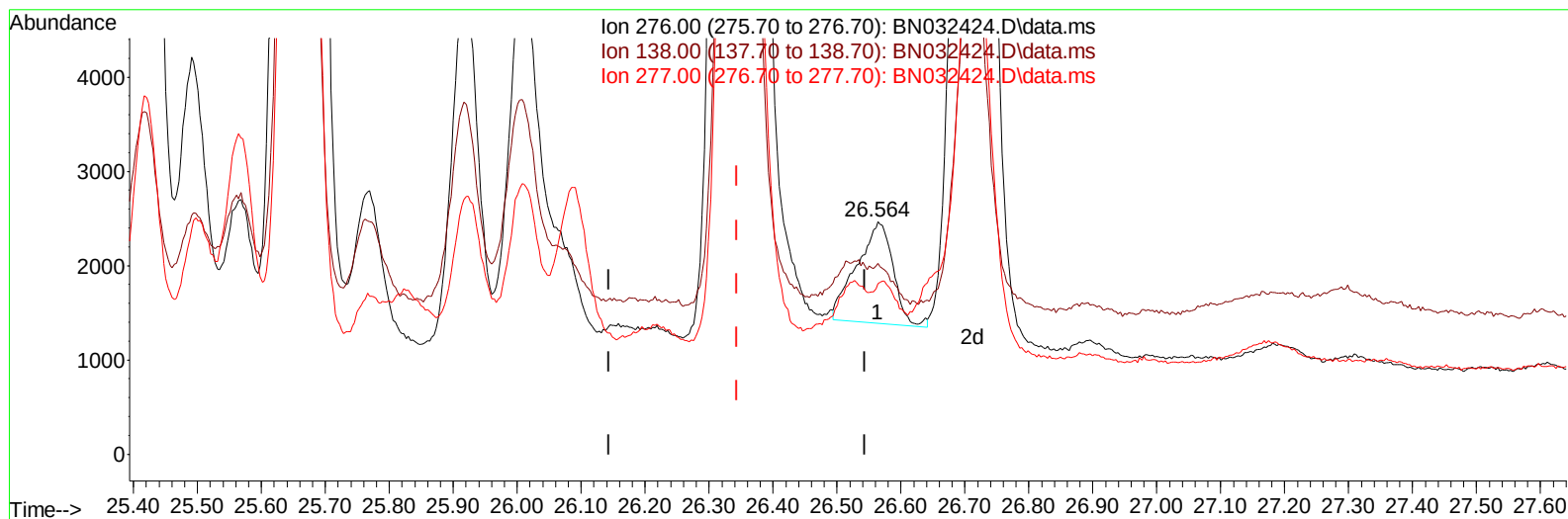
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

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

26.564min (+ 0.220) 0.05 ng/u1

response 4245

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	81.96#
277.00	24.70	73.29#
0.00	0.00	0.00

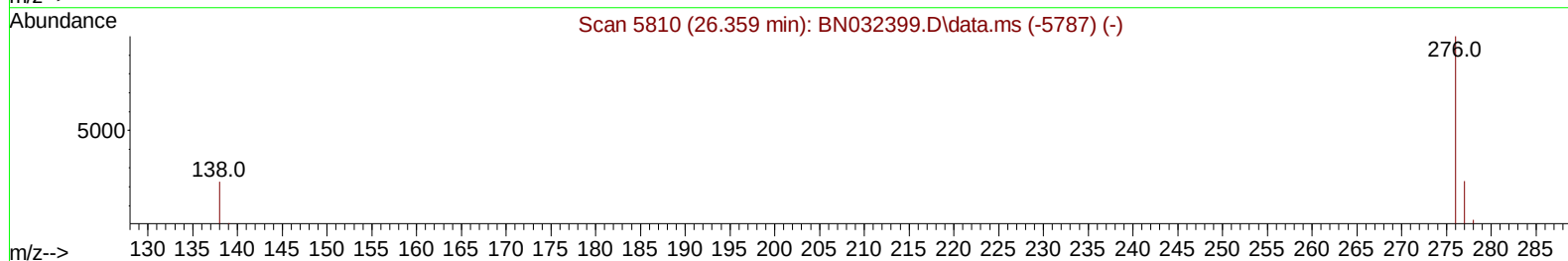
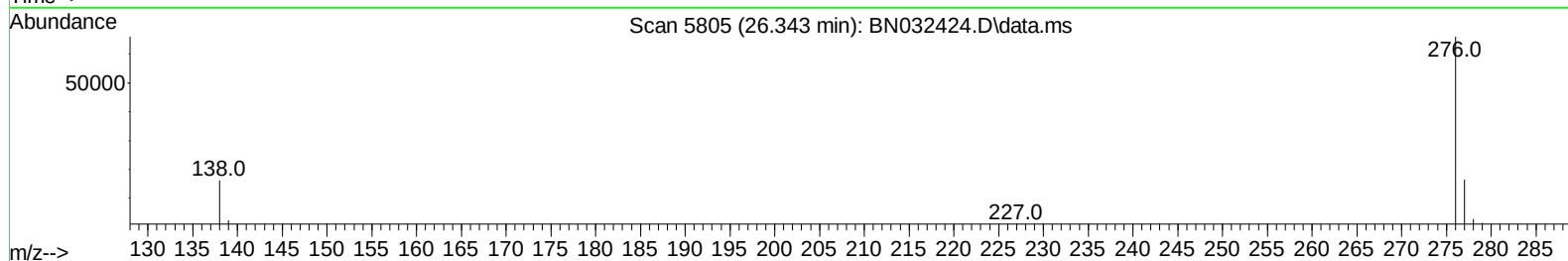
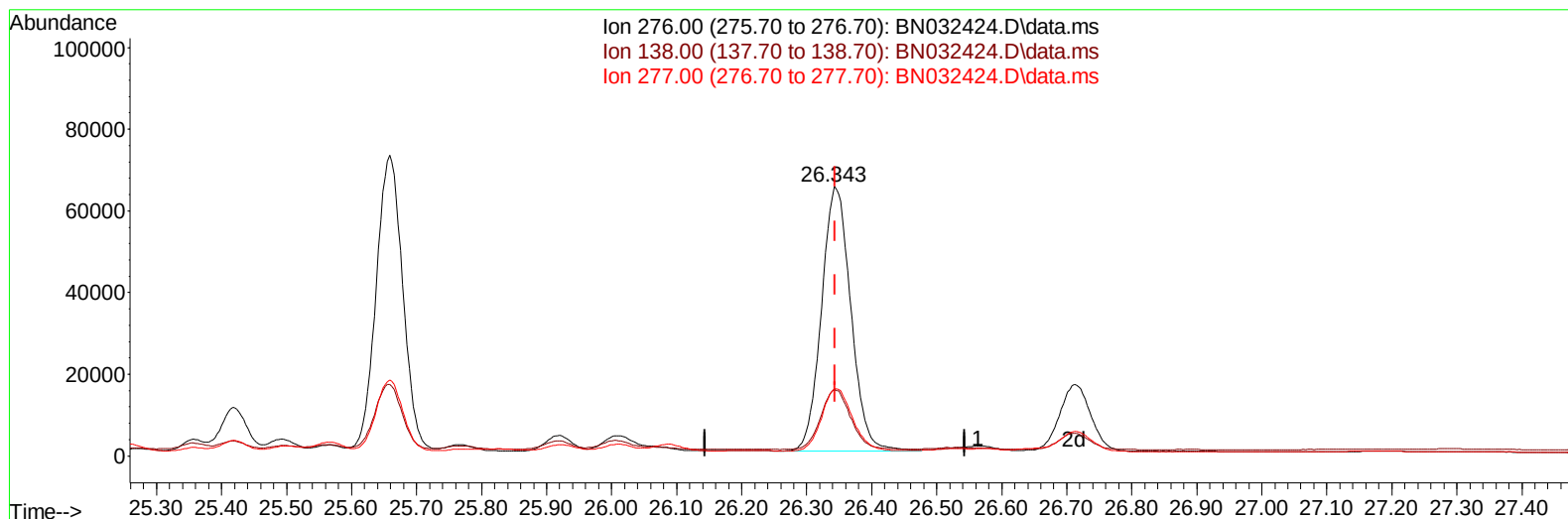
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032424.D
 Acq On : 03 Jul 2024 05:46
 Operator : MA/JU
 Sample : P2963-10
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032424.D\data.ms

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

26.343min (-0.001) 2.56 ng/ul m

response 203762

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	24.60
277.00	24.70	24.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032424.D
 Acq On : 03 Jul 2024 05:46
 Operator : MA/JU
 Sample : P2963-10
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 06:11:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.381	136	27066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	15883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	27023m	0.400	ng/ul	0.00
17) Chrysene-d12	21.210	240	18344m	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	21083m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	28759	3.089	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	11696	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	18567m	0.336	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.425	128	13102	0.183	ng/ul	97
7) 2-Methylnaphthalene	12.052	142	5061	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	4351	0.088	ng/ul	99
10) Acenaphthylene	13.970	152	34927	0.529	ng/ul	98
11) Acenaphthene	14.312	153	18180	0.355	ng/ul	99
12) Fluorene	15.307	166	20303	0.332	ng/ul	99
15) Phenanthrene	17.049	178	326865m	4.412	ng/ul	
16) Anthracene	17.137	178	76462m	1.157	ng/ul	
19) Fluoranthene	19.072	202	534196m	7.647	ng/ul	
20) Pyrene	19.439	202	490826m	6.724	ng/ul	
21) Benzo(a)anthracene	21.193	228	254657m	3.846	ng/ul	
22) Chrysene	21.245	228	273266m	3.760	ng/ul	
24) Benzo(b)fluoranthene	22.759	252	375318m	4.097	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	133609m	1.501	ng/ul	
26) Benzo(a)pyrene	23.329	252	284083m	4.458	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.658	276	201716m	2.021	ng/ul	
28) Dibenzo(a,h)anthracene	25.658	278	53767m	0.725	ng/ul	
29) Benzo(g,h,i)perylene	26.343	276	203762m	2.564	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:11:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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