

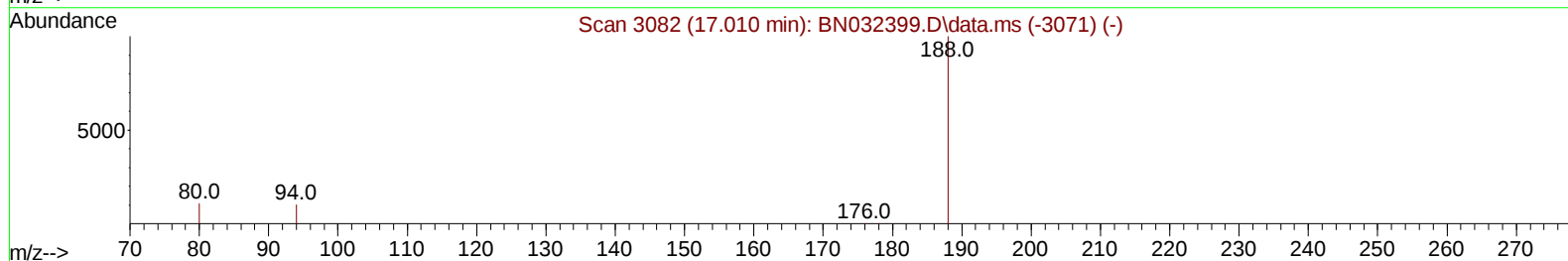
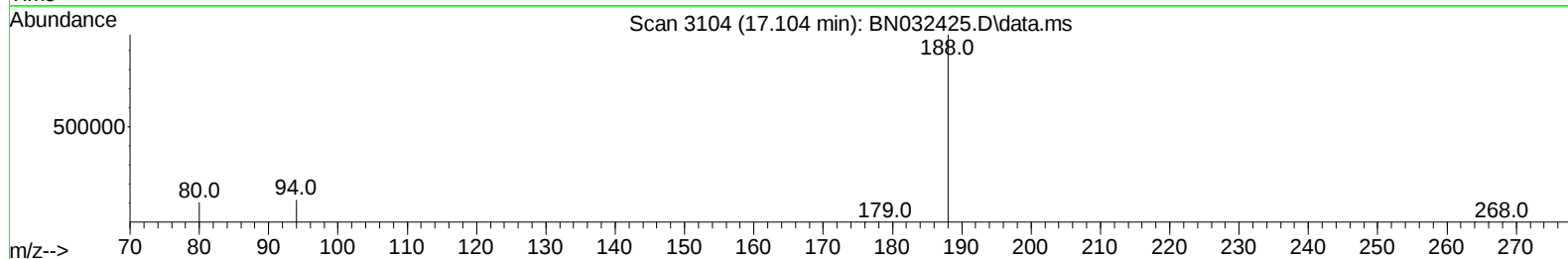
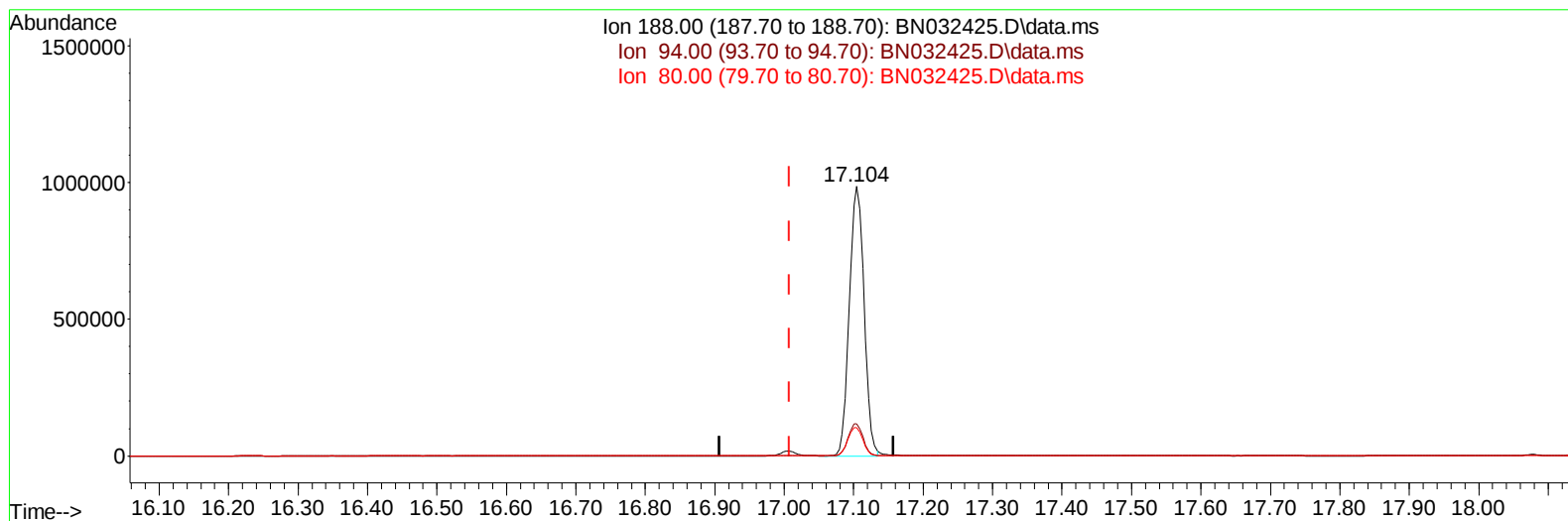
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(13) Phenanthrene-d10 (I)

17.104min (+ 0.097) 0.40 ng/u1

response 1445236

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.04
80.00	10.50	10.57
0.00	0.00	0.00

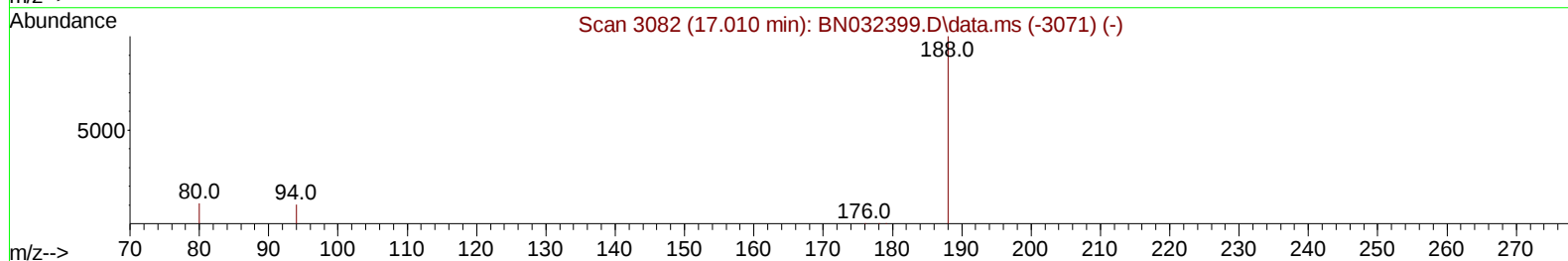
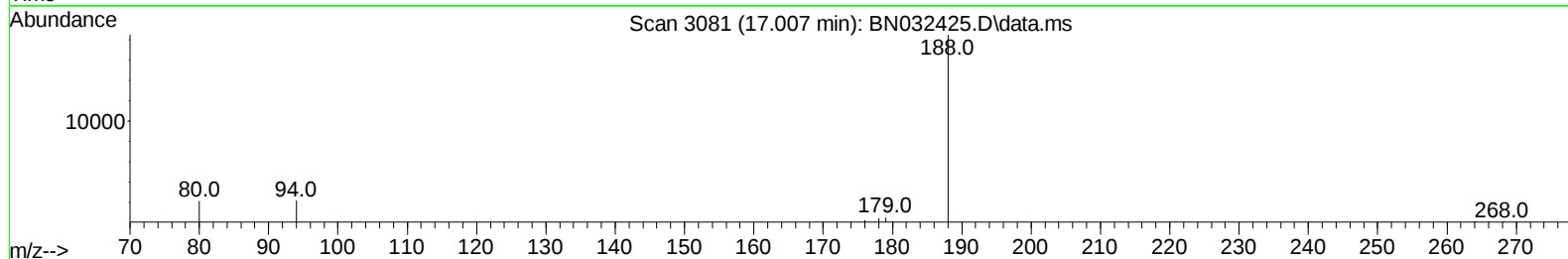
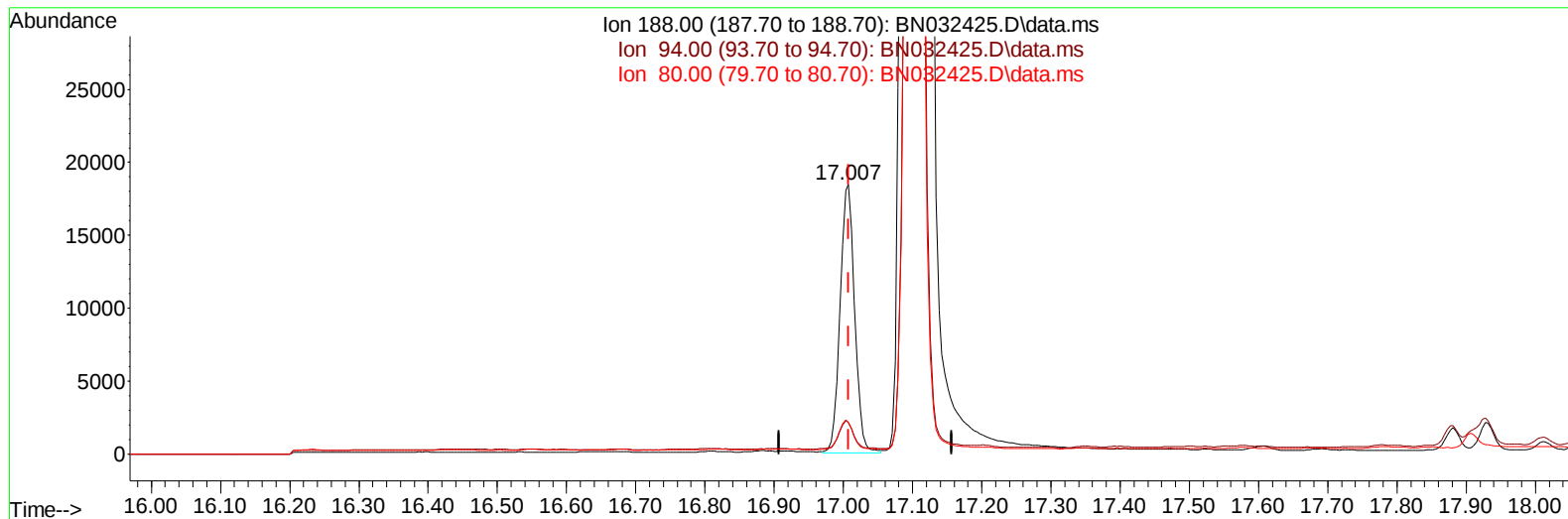
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(13) Phenanthrene-d10 (I)

17.007min (-0.000) 0.40 ng/ul m

response 26912

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.76
80.00	10.50	11.67
0.00	0.00	0.00

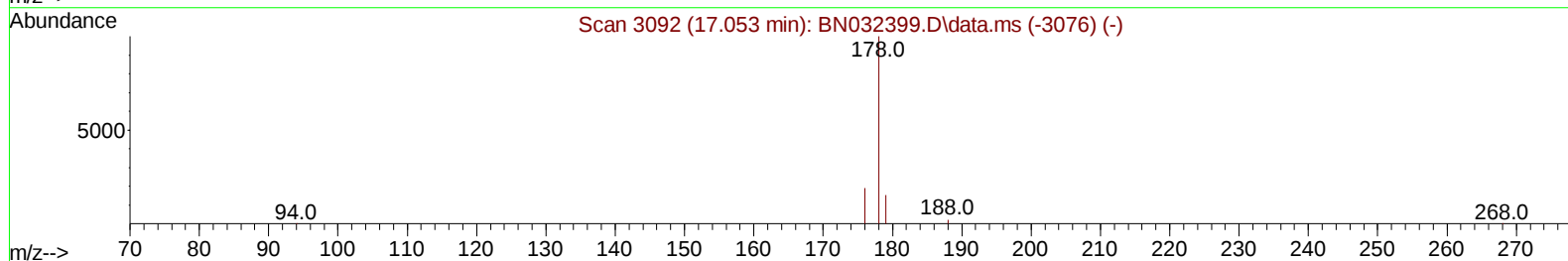
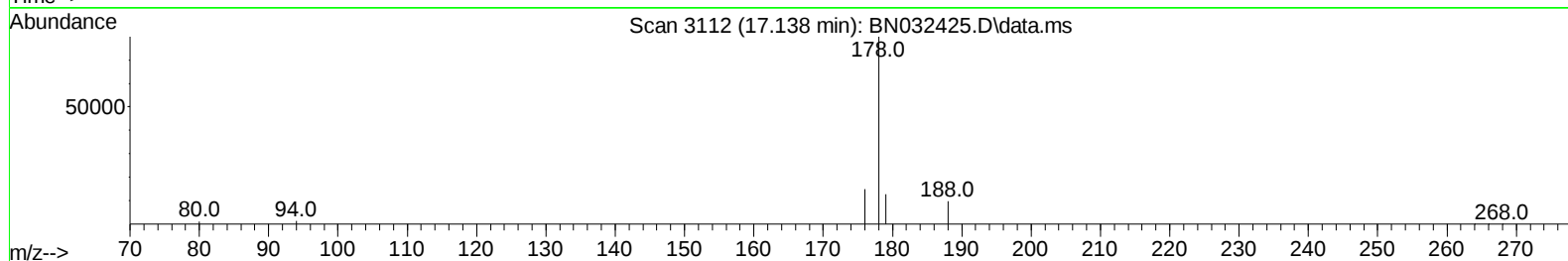
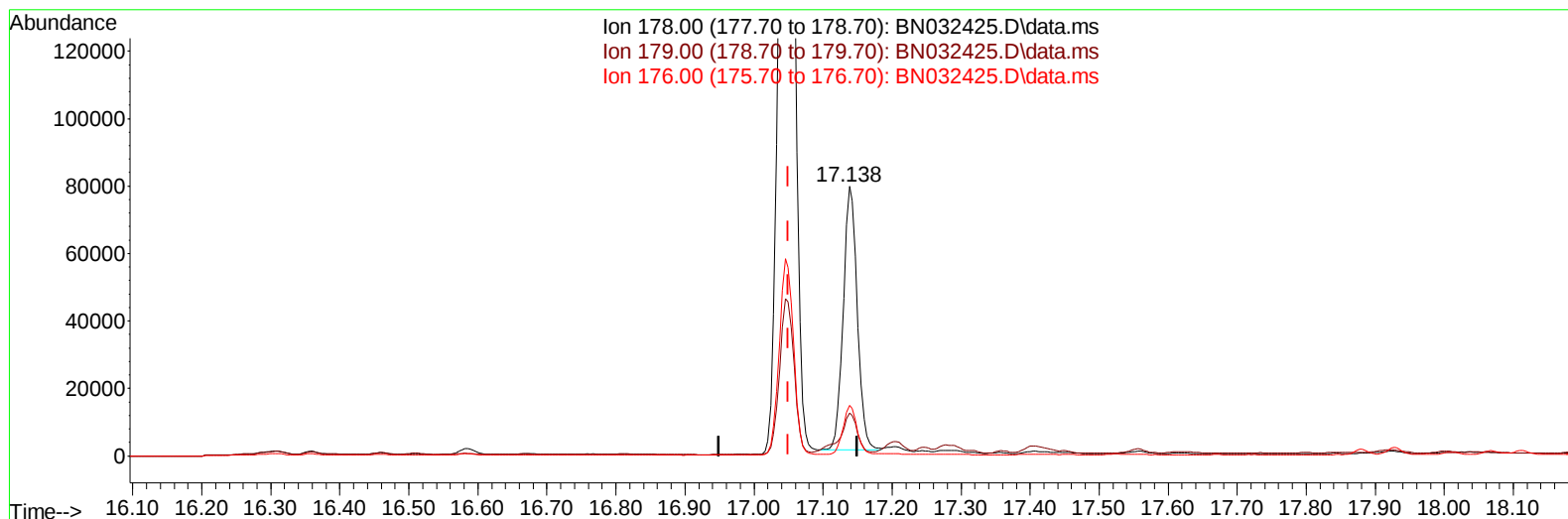
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032425.D\data.ms

(15) Phenanthrene

17.138min (+ 0.088) 1.50 ng/u1

response 110416

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.01
176.00	19.50	18.76
0.00	0.00	0.00

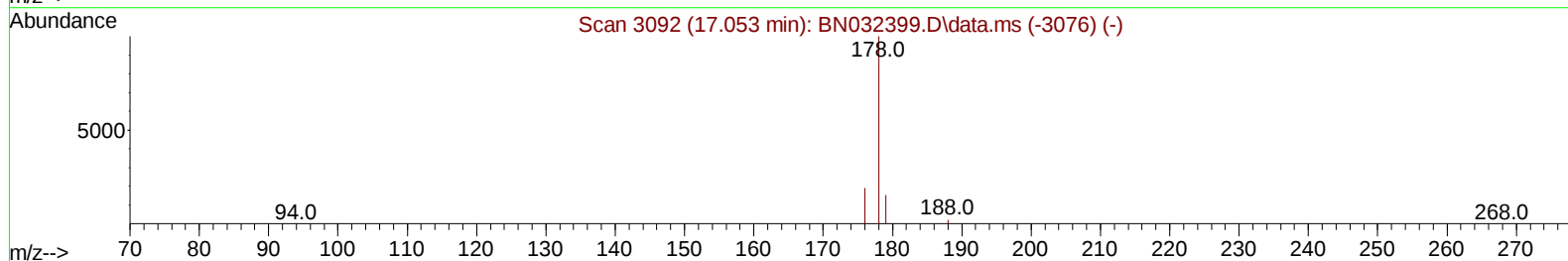
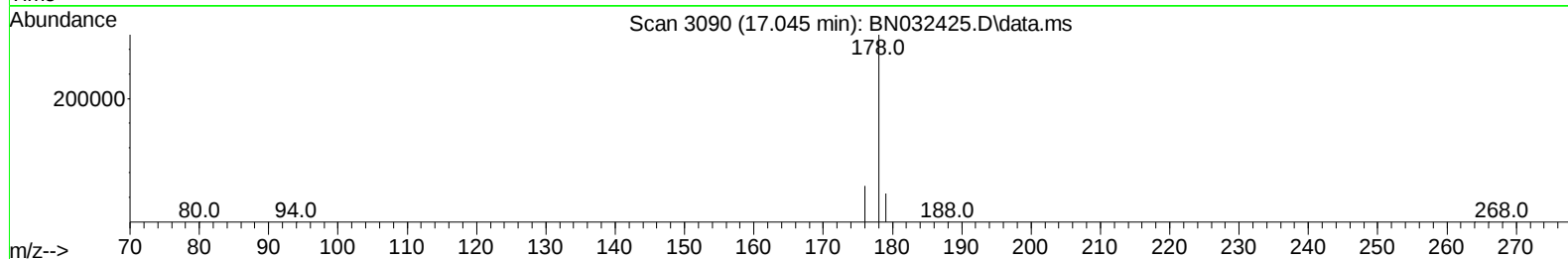
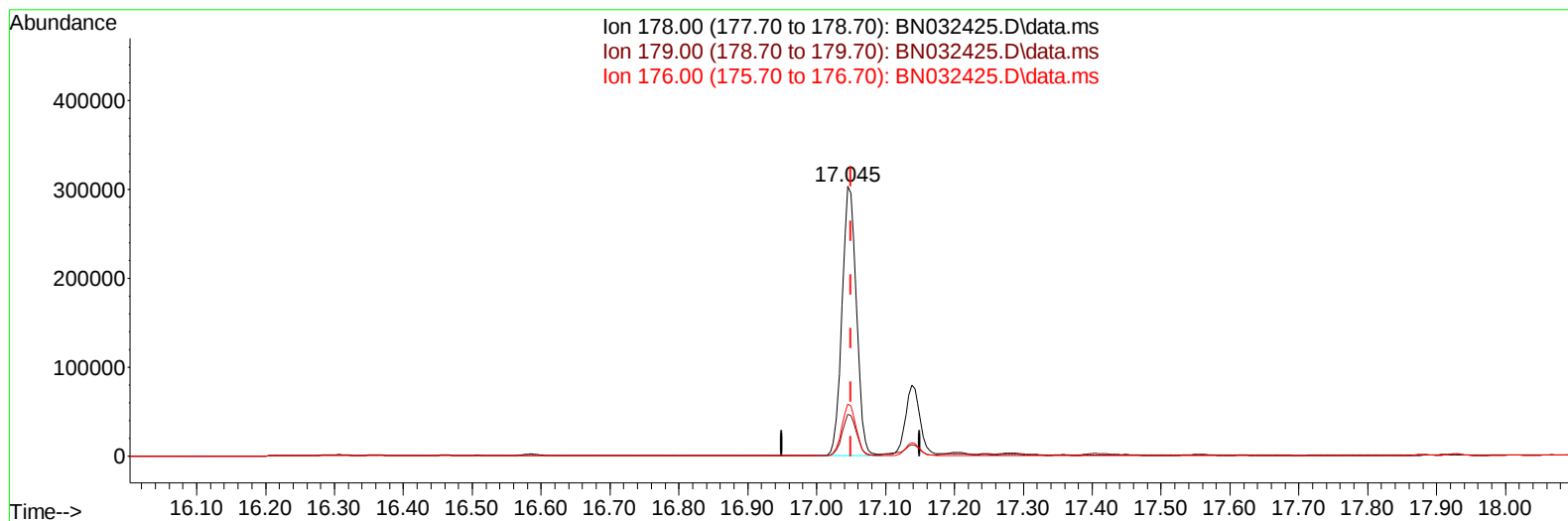
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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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: BN032425.D\data.ms

(15) Phenanthrene

17.045min (-0.004) 5.98 ng/u1 m

response 441096

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.38
176.00	19.50	19.27
0.00	0.00	0.00

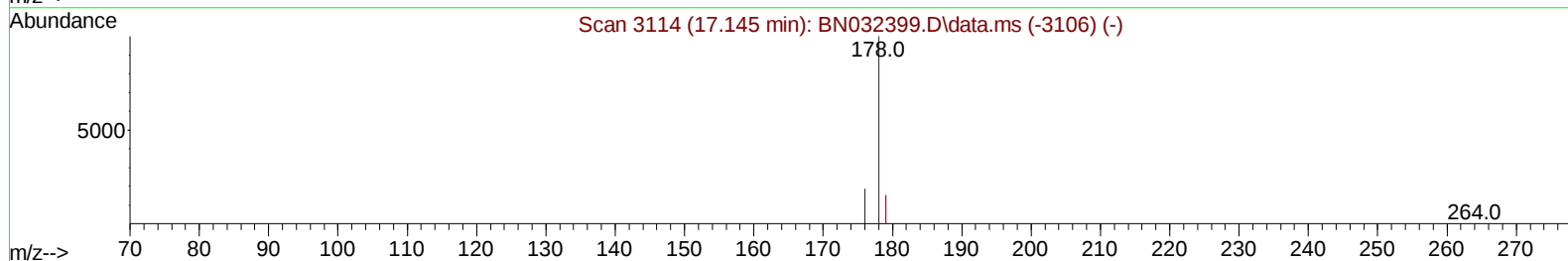
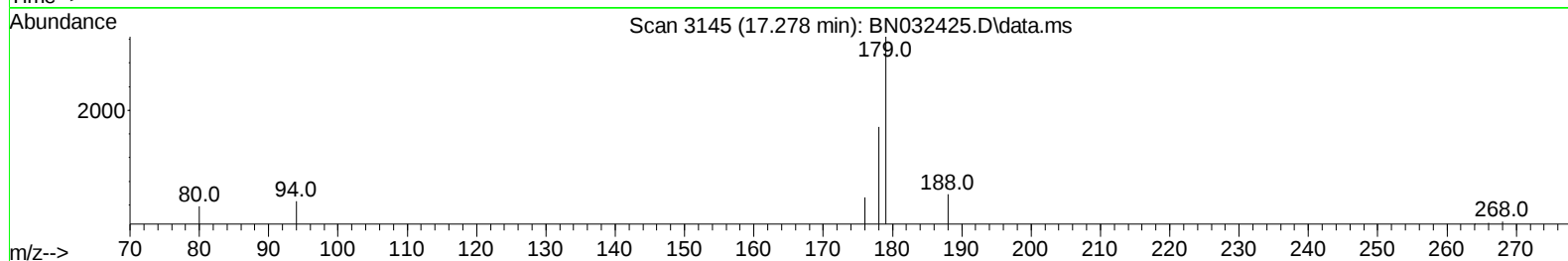
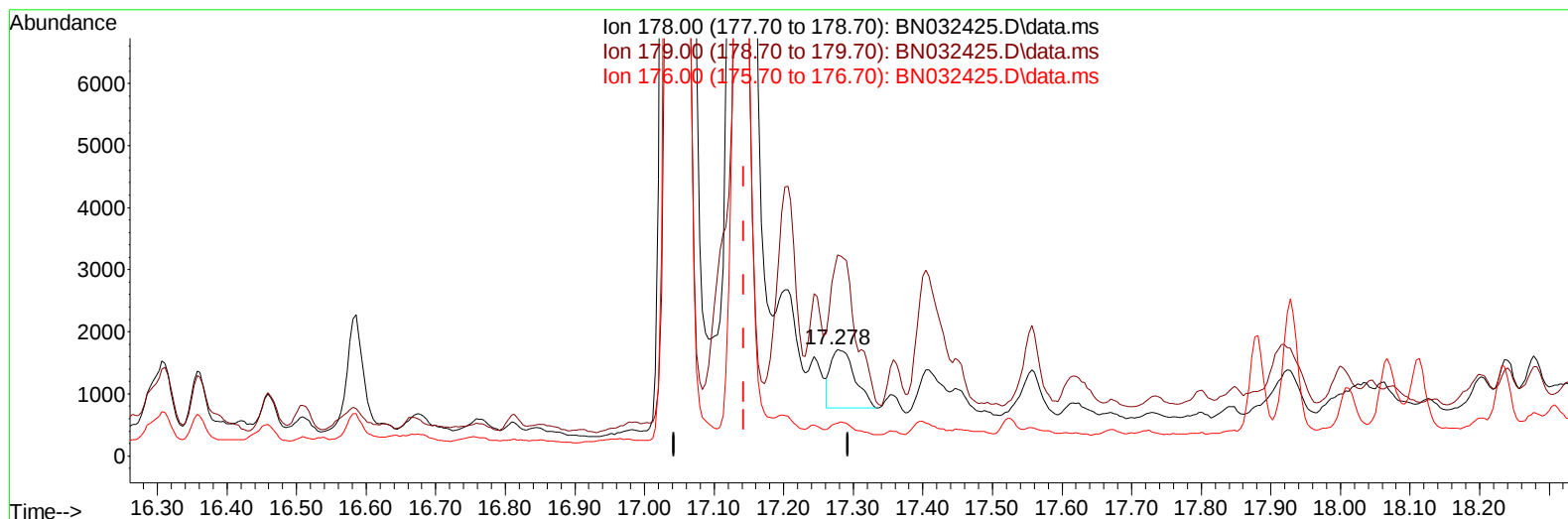
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(16) Anthracene

17.278min (+ 0.135) 0.03 ng/u1

response 2297

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	189.15#
176.00	18.80	30.90#
0.00	0.00	0.00

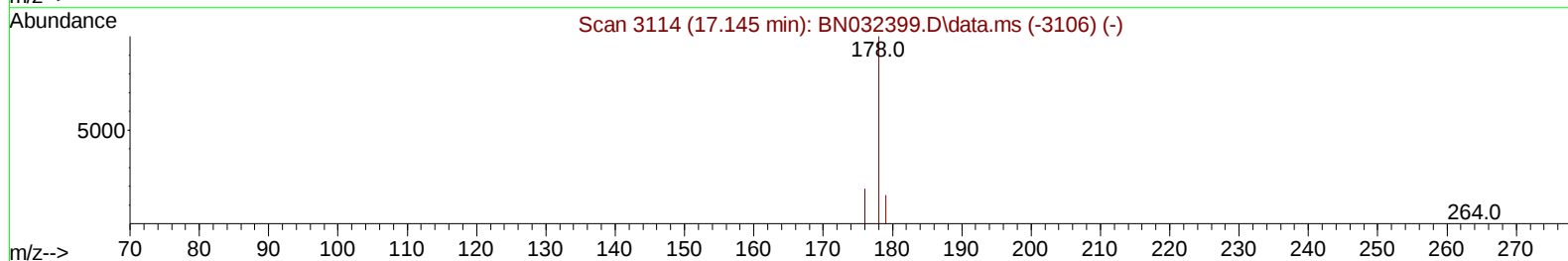
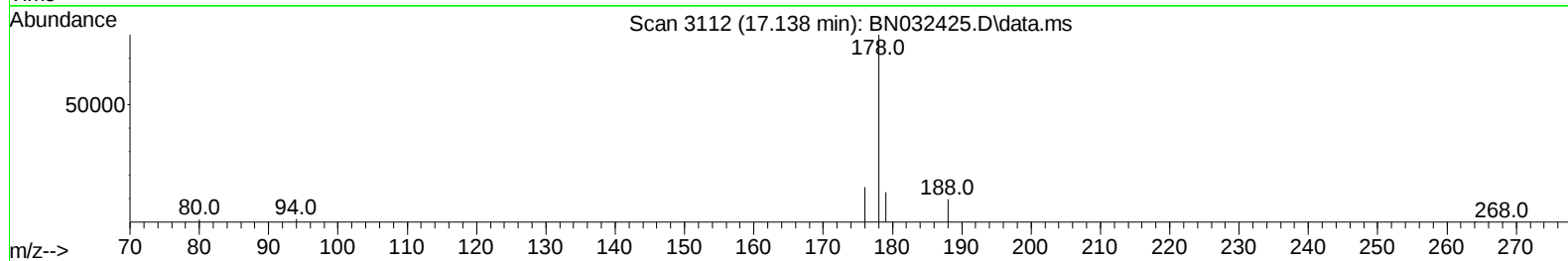
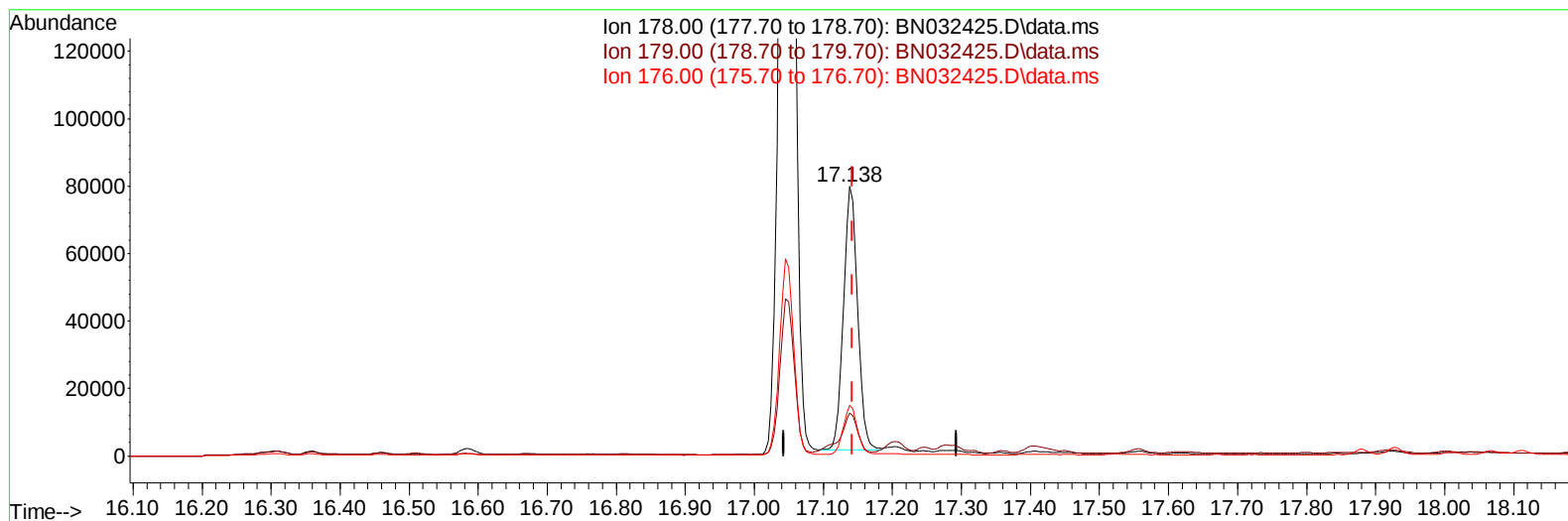
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(16) Anthracene

17.138min (-0.004) 1.68 ng/u1 m

response 110676

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.01
176.00	18.80	18.76
0.00	0.00	0.00

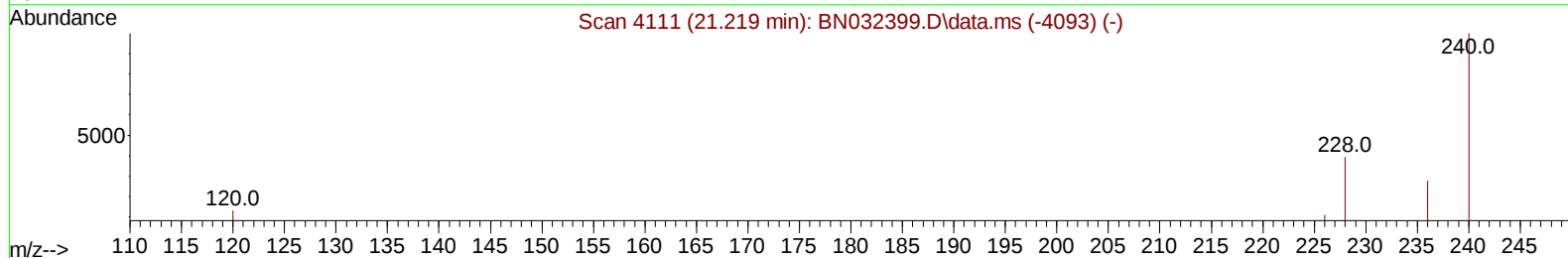
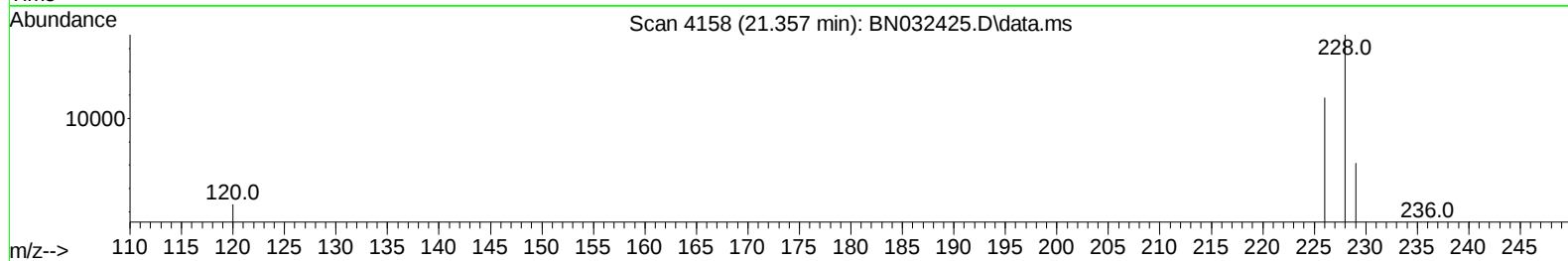
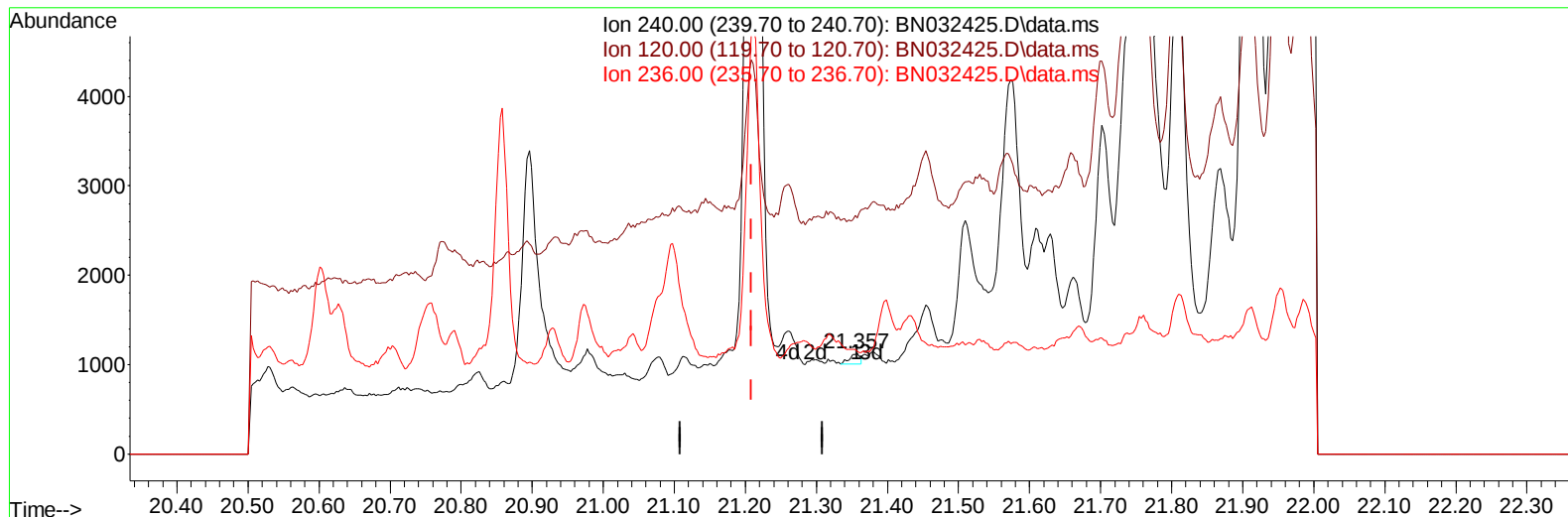
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(17) Chrysene-d12

21.357min (+ 0.149) 0.40 ng/u1

response 129

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	233.95#
236.00	28.40	101.95#
0.00	0.00	0.00

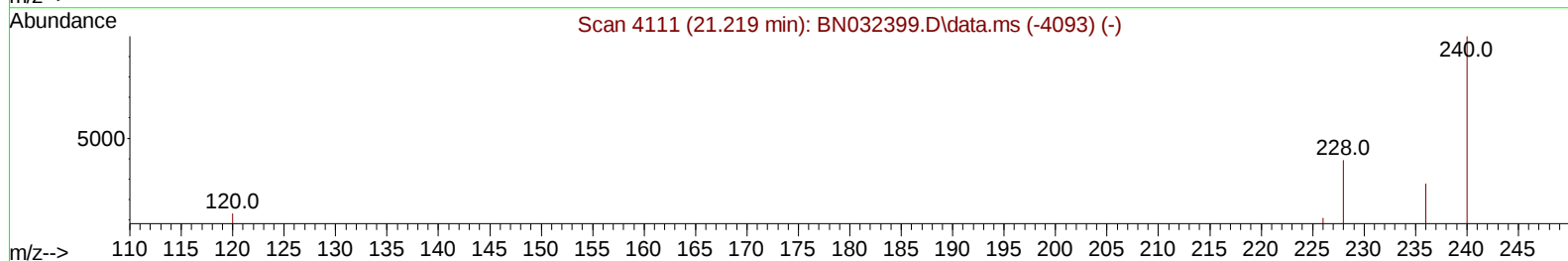
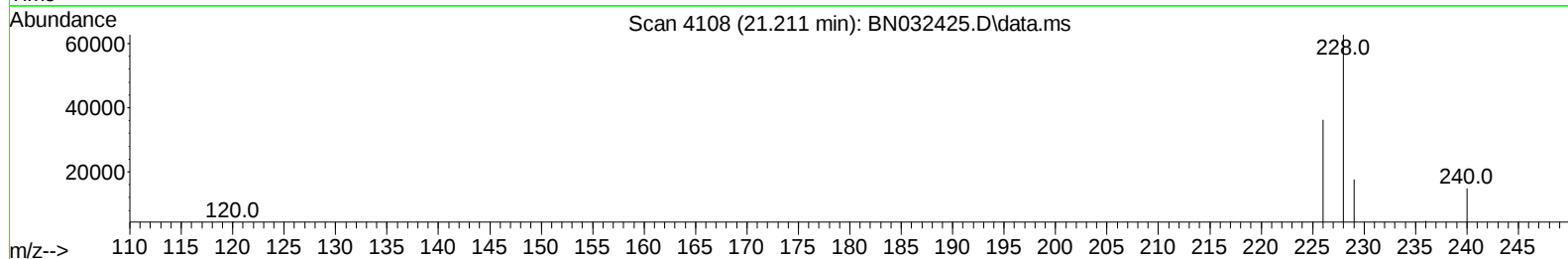
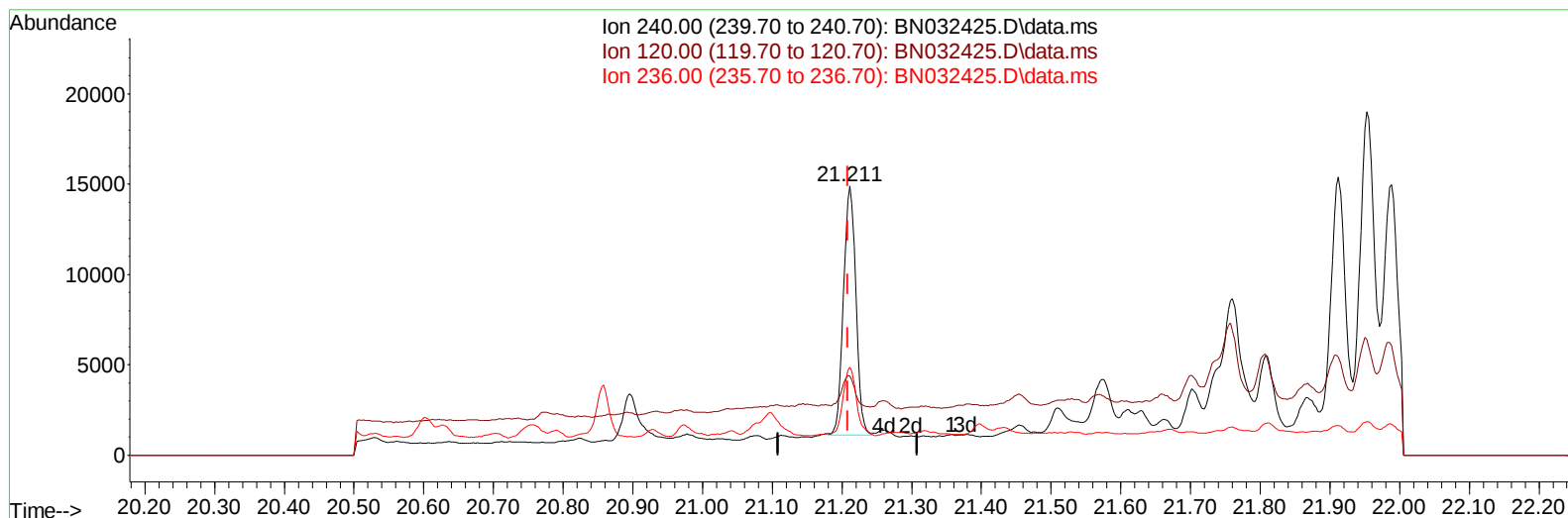
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(17) Chrysene-d12

21.211min (+ 0.003) 0.40 ng/ul m

response 16998

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	29.33#
236.00	28.40	32.67
0.00	0.00	0.00

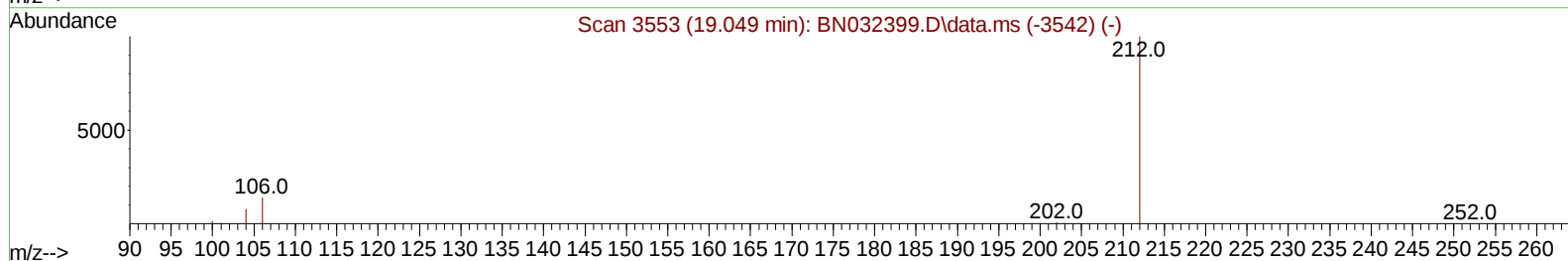
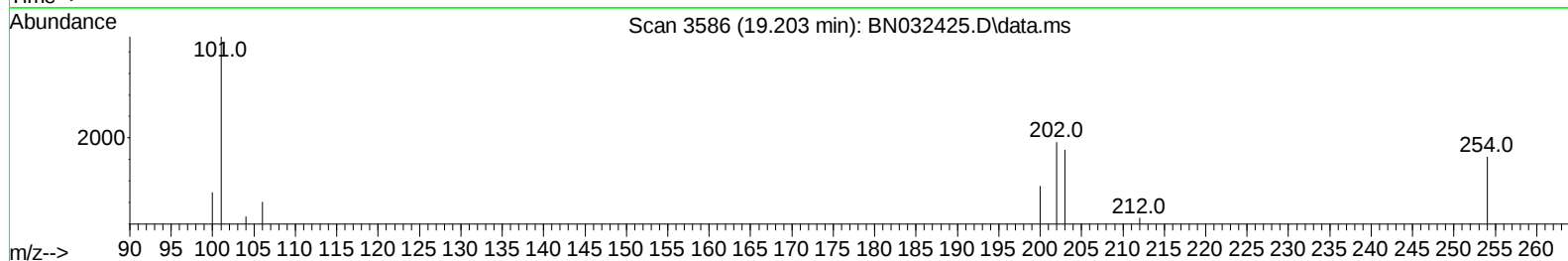
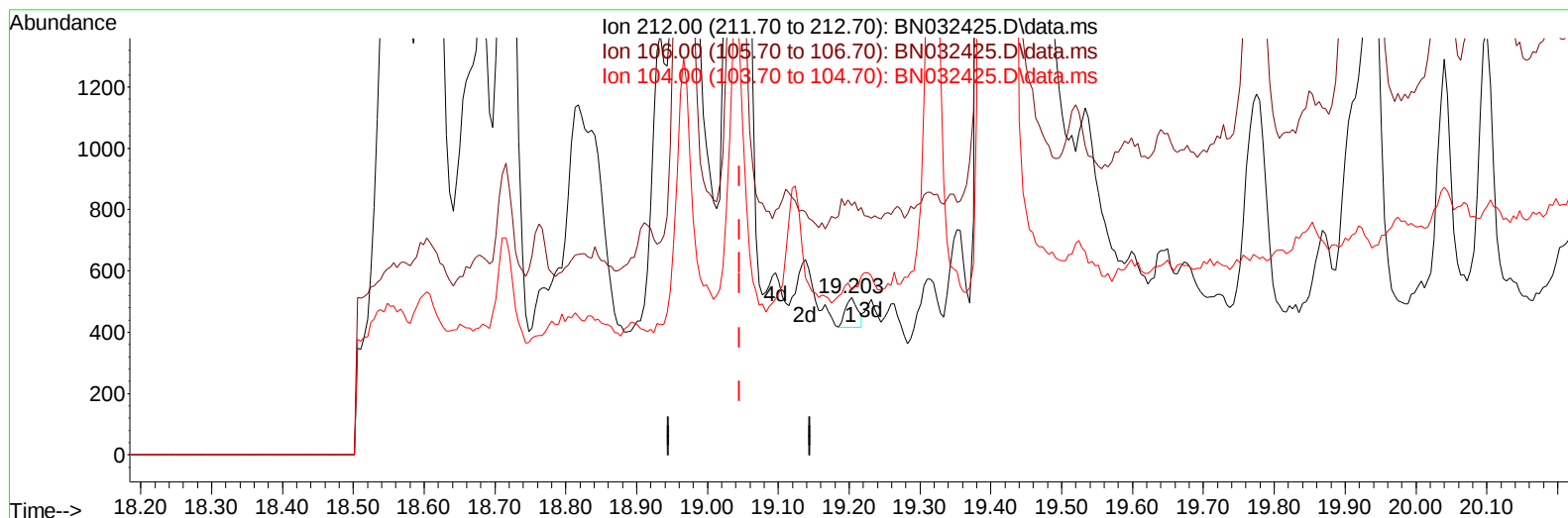
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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TIC: BN032425.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.158) 0.00 ng/u1

response 116

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	225.86#
104.00	8.40	70.69#
0.00	0.00	0.00

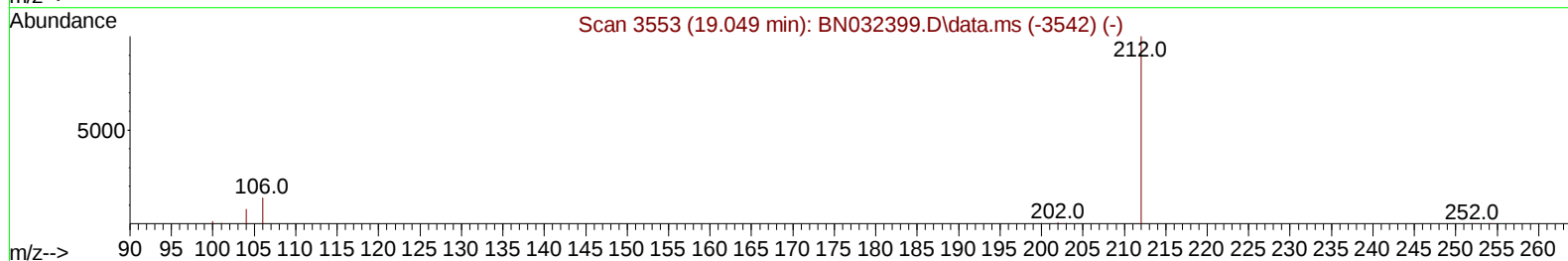
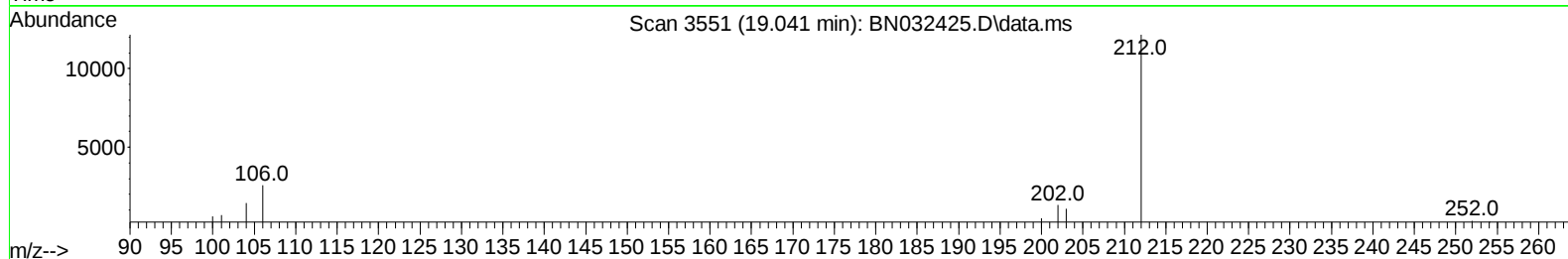
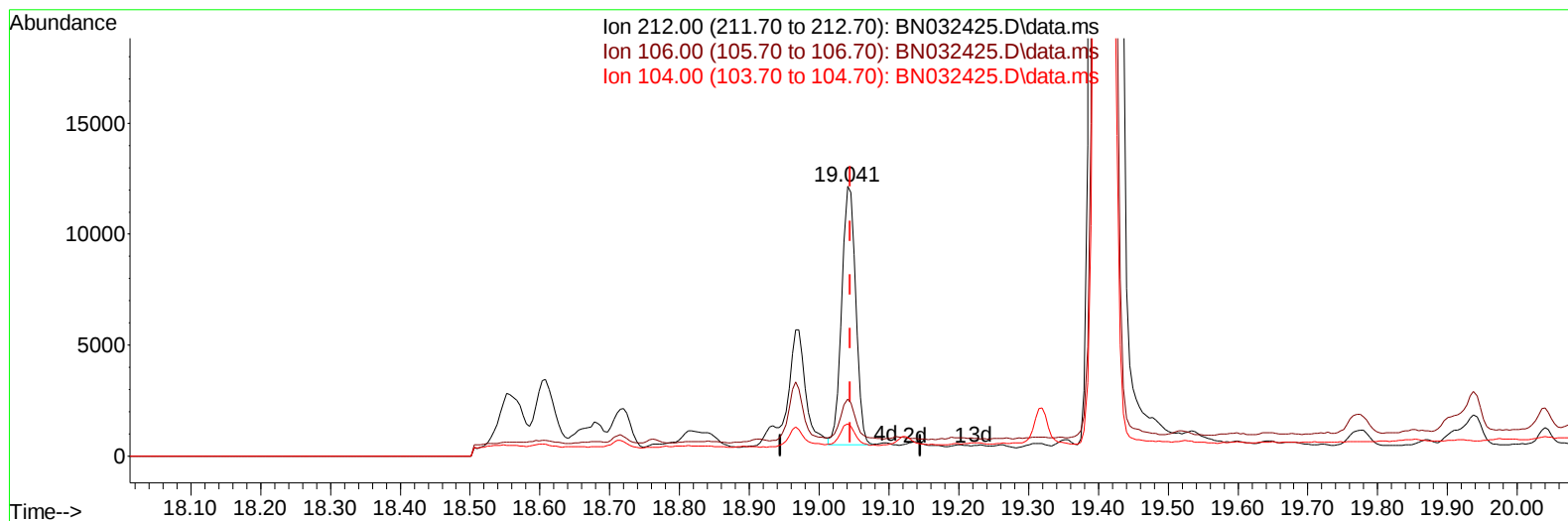
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032425.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.31 ng/ul m

response 16093

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	1.63#
104.00	8.40	0.51#
0.00	0.00	0.00

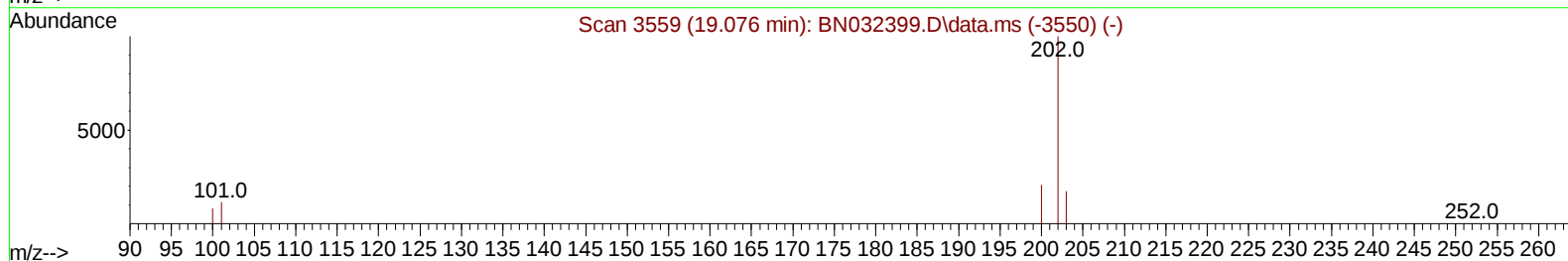
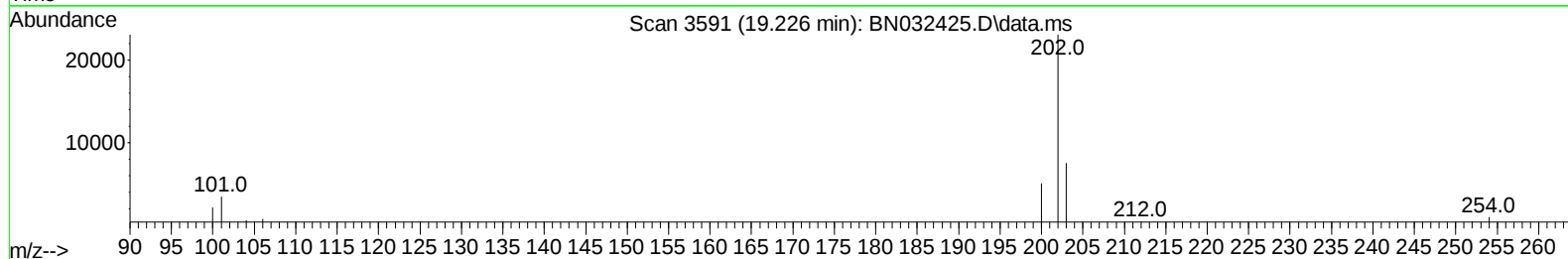
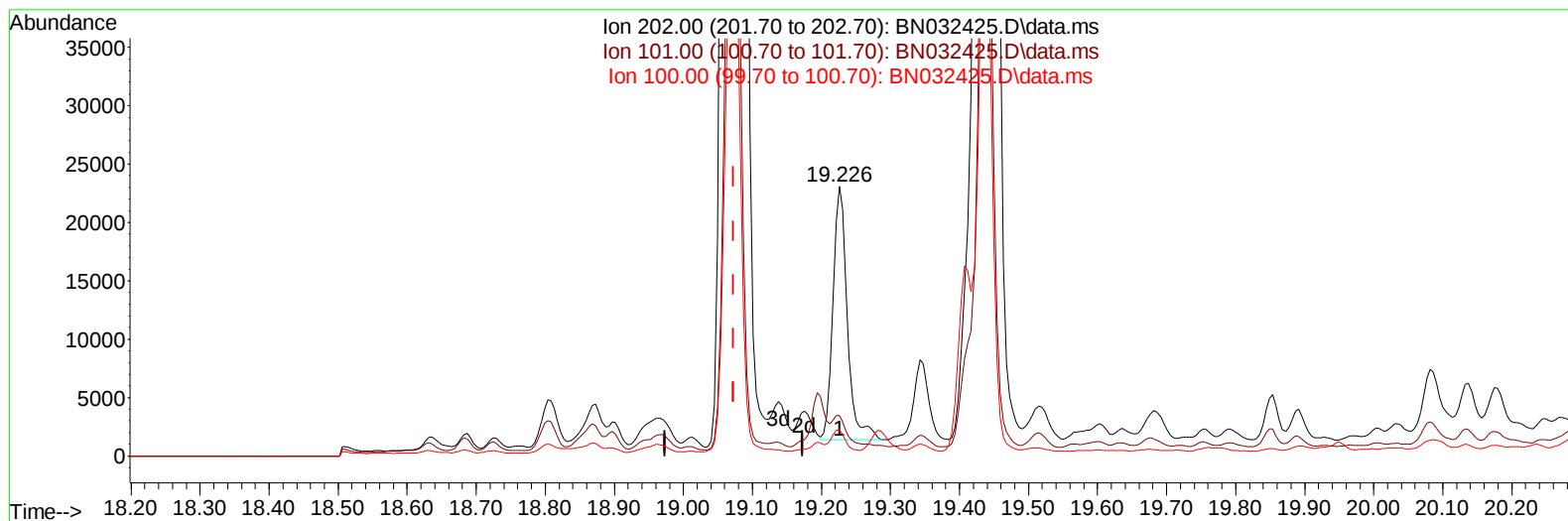
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(19) Fluoranthene (C)

19.226min (+ 0.153) 0.48 ng/u1

response 31356

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	14.97#
100.00	8.00	9.46
0.00	0.00	0.00

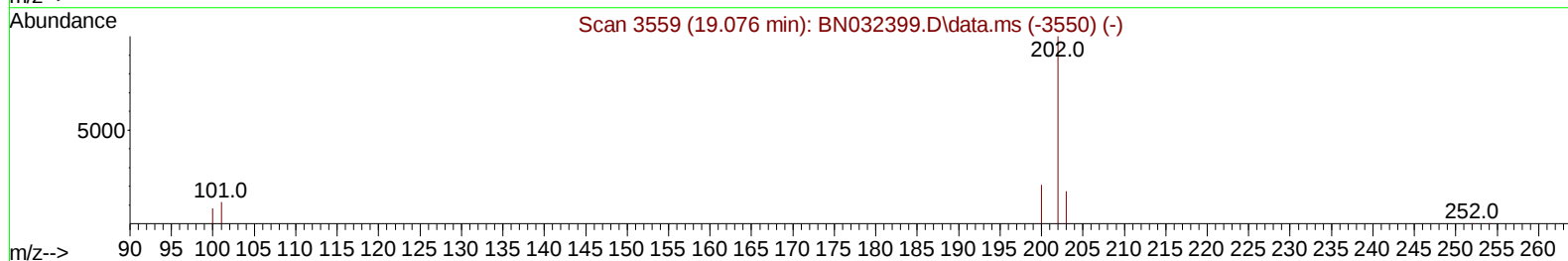
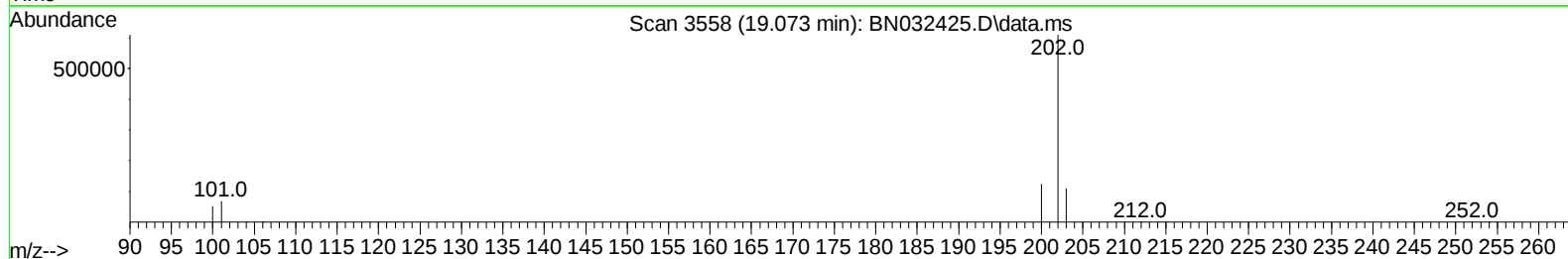
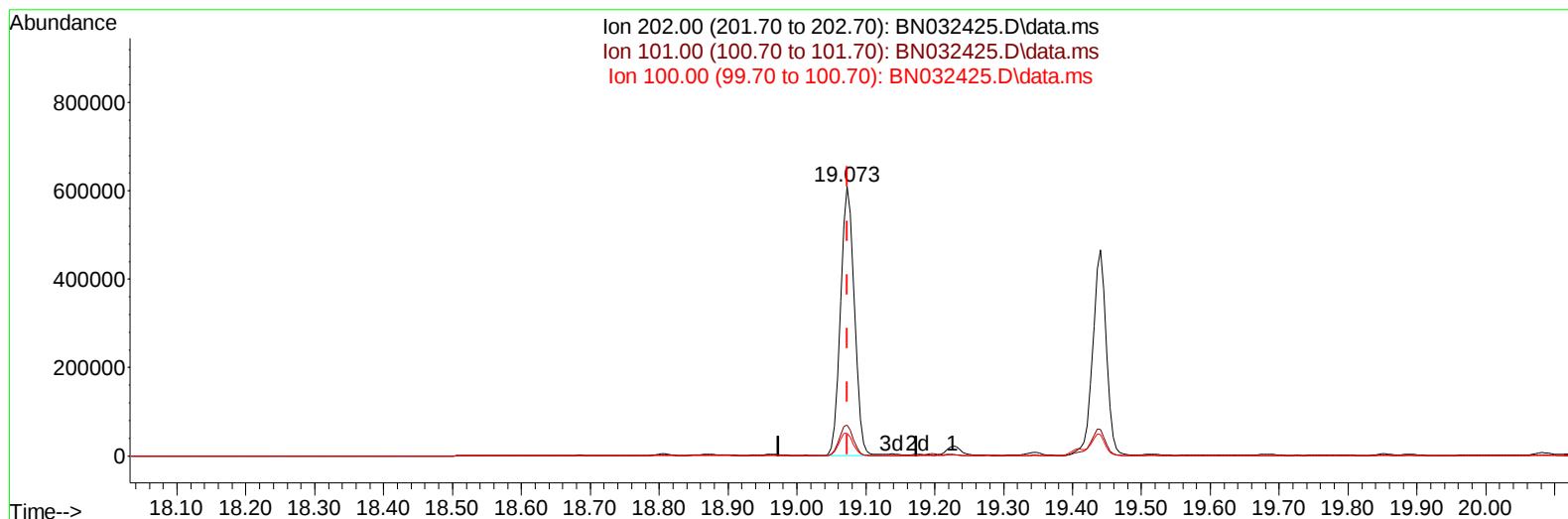
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.000) 13.00 ng/ul m

response 841759

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.34
100.00	8.00	8.44
0.00	0.00	0.00

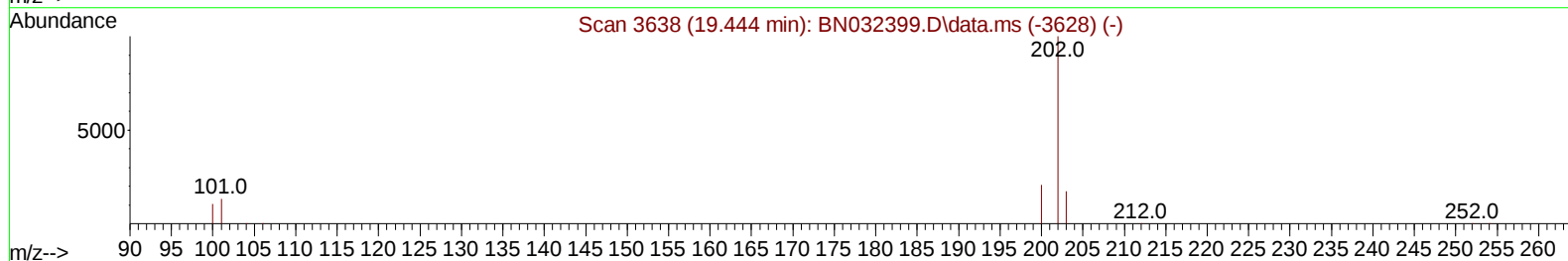
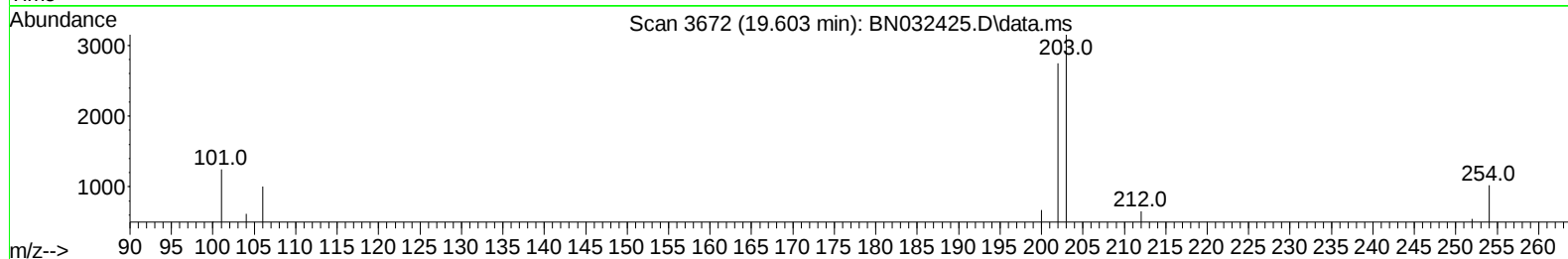
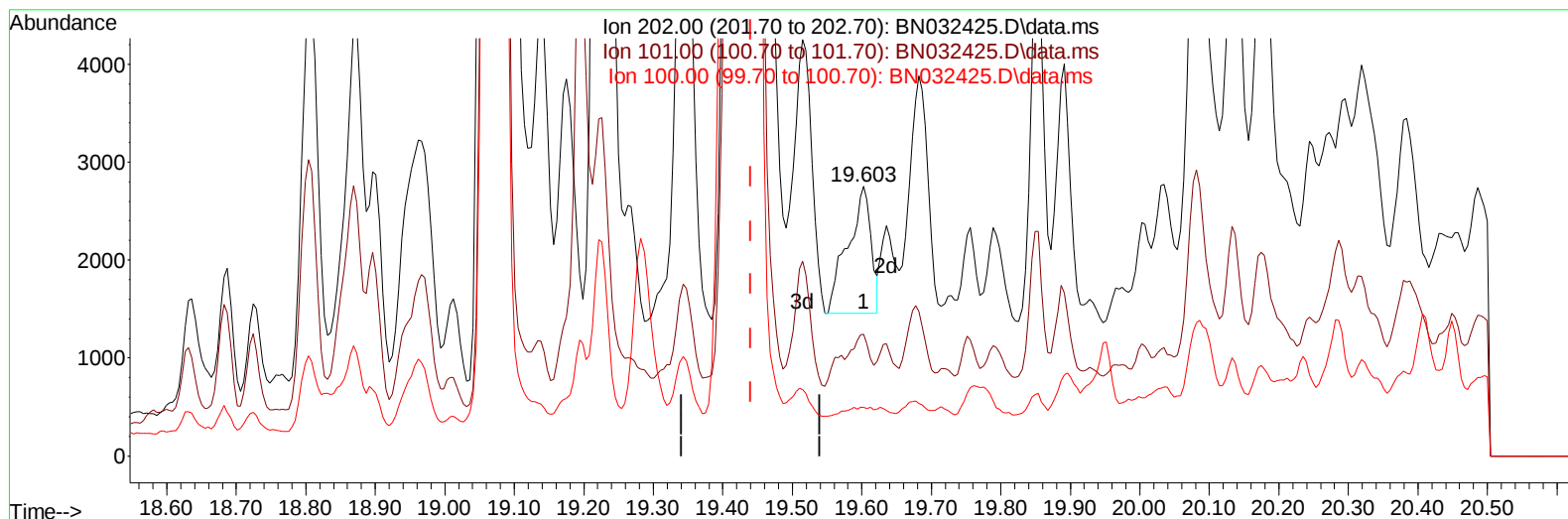
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(20) Pyrene

19.603min (+ 0.163) 0.04 ng/u1

response 2999

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	45.15#
100.00	10.90	18.14#
0.00	0.00	0.00

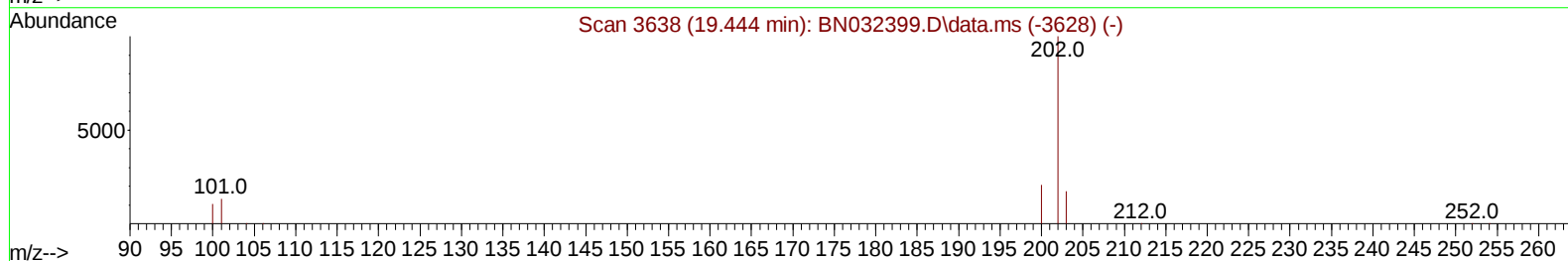
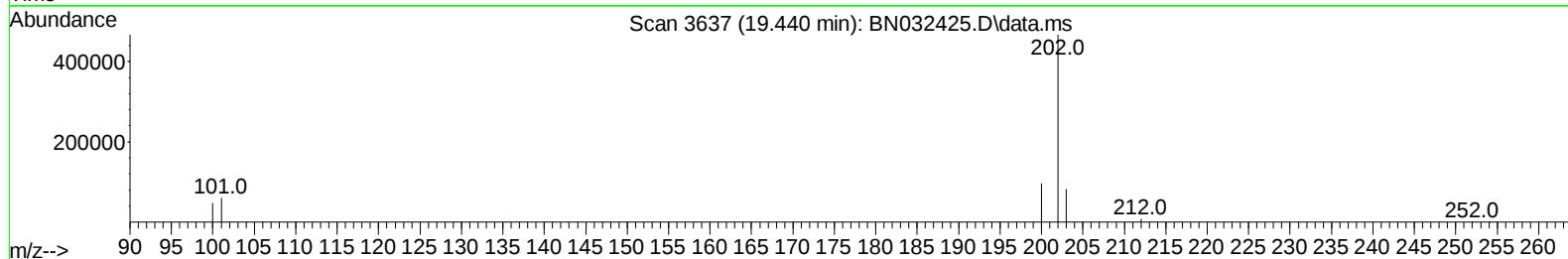
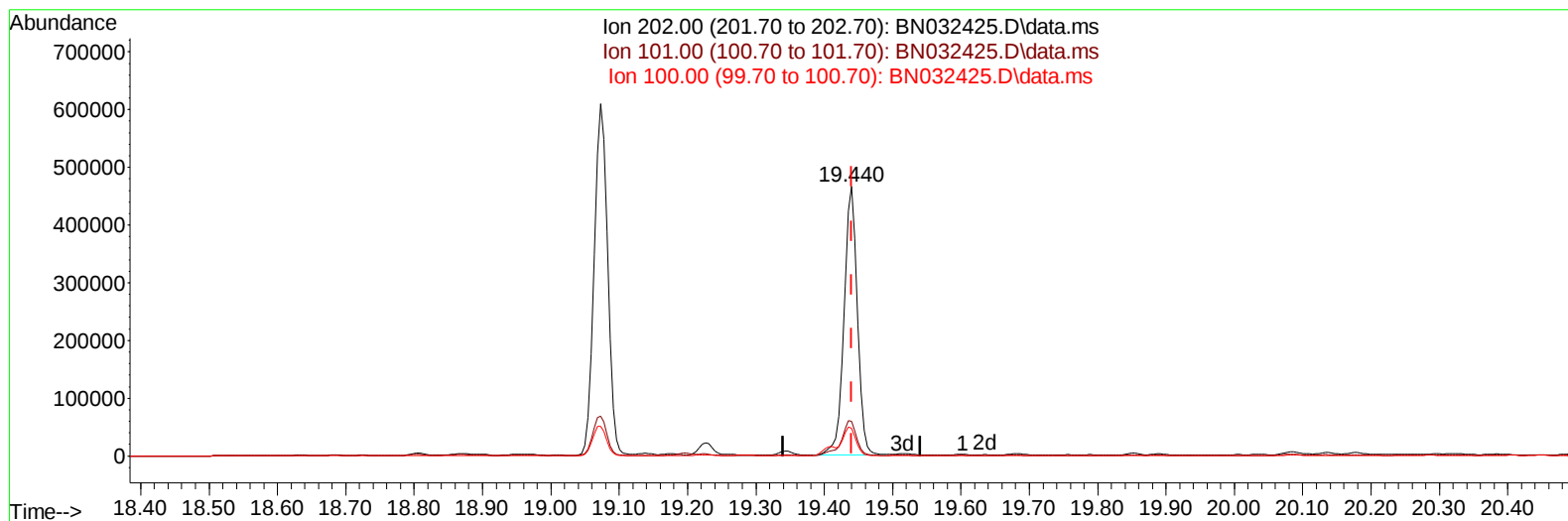
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(20) Pyrene

19.440min (-0.000) 9.35 ng/u1 m

response 632357

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.92
100.00	10.90	10.34
0.00	0.00	0.00

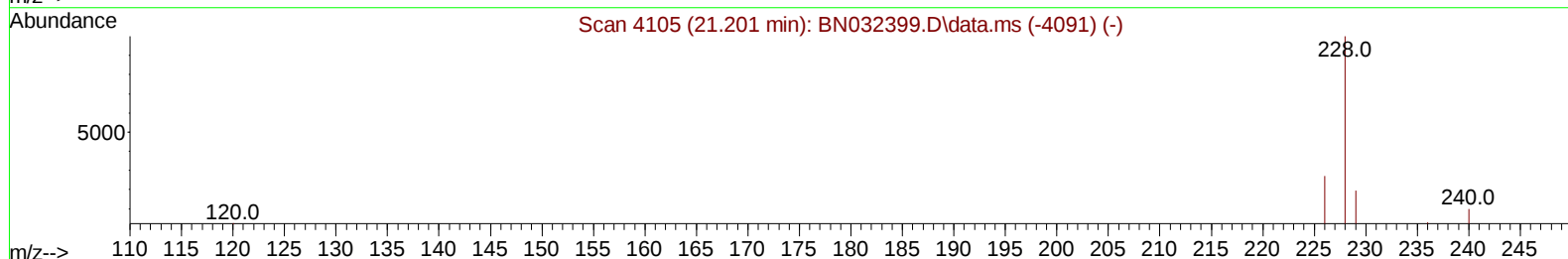
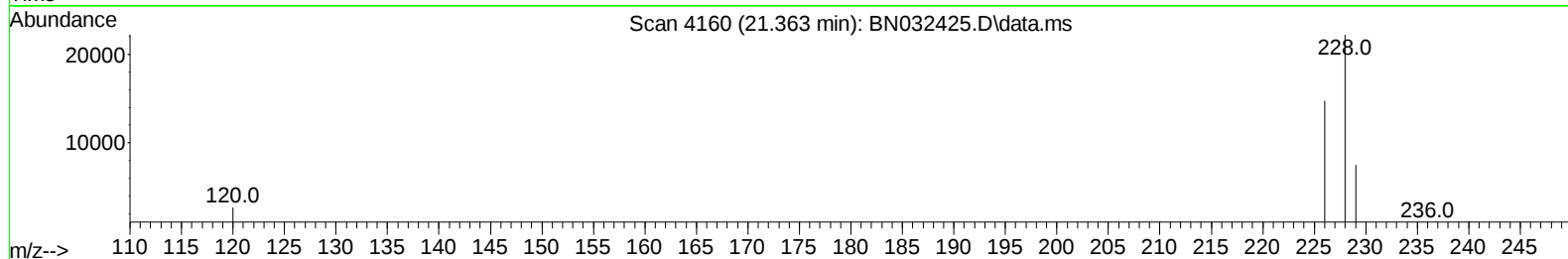
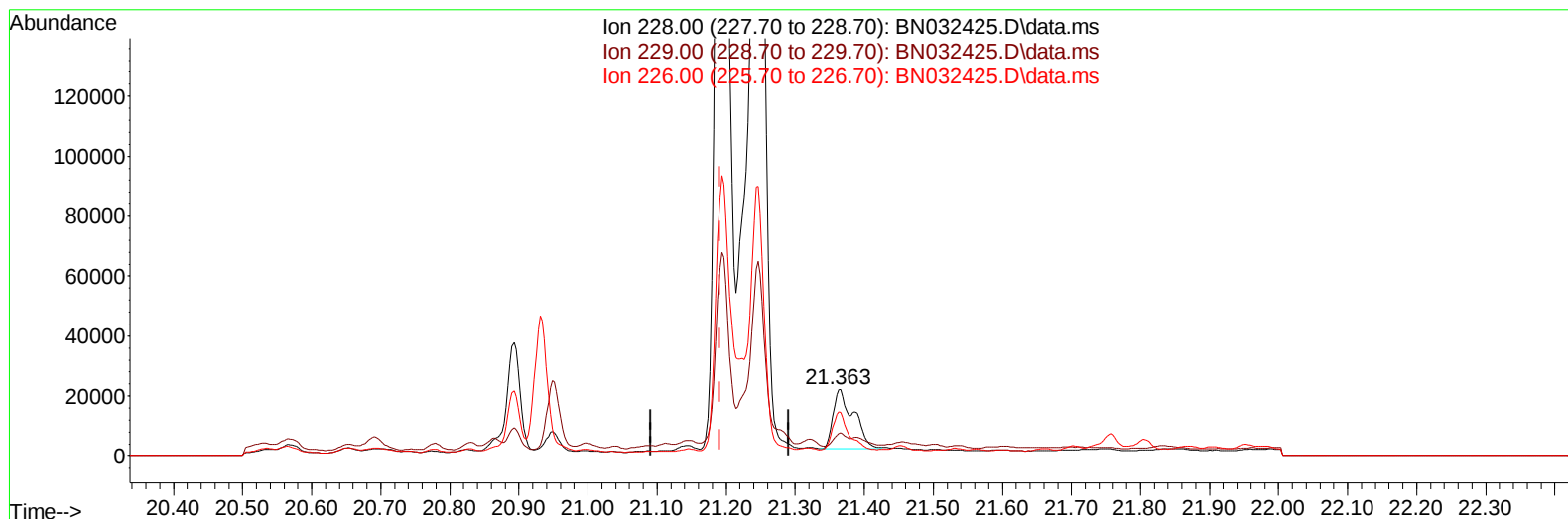
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.172) 0.67 ng/u1

response 41366

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	33.99#
226.00	27.30	66.52#
0.00	0.00	0.00

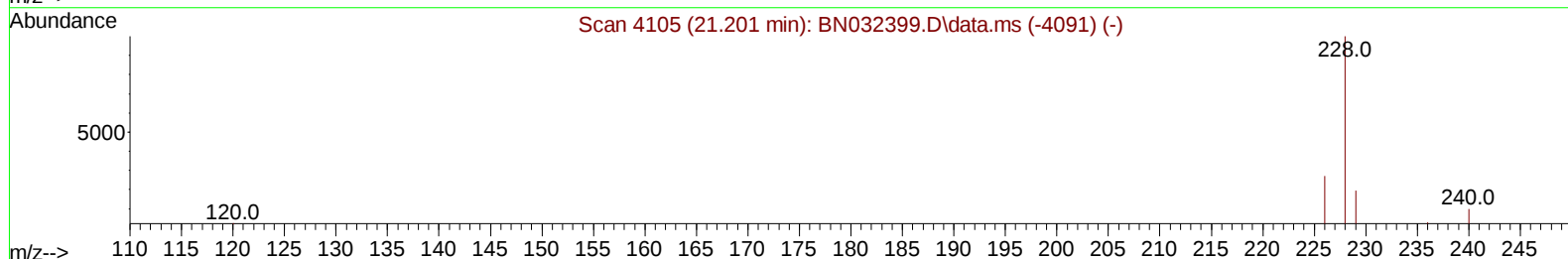
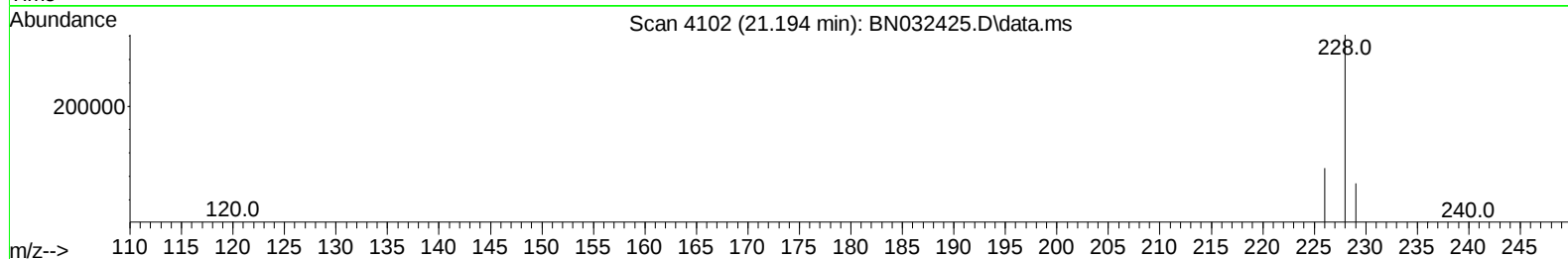
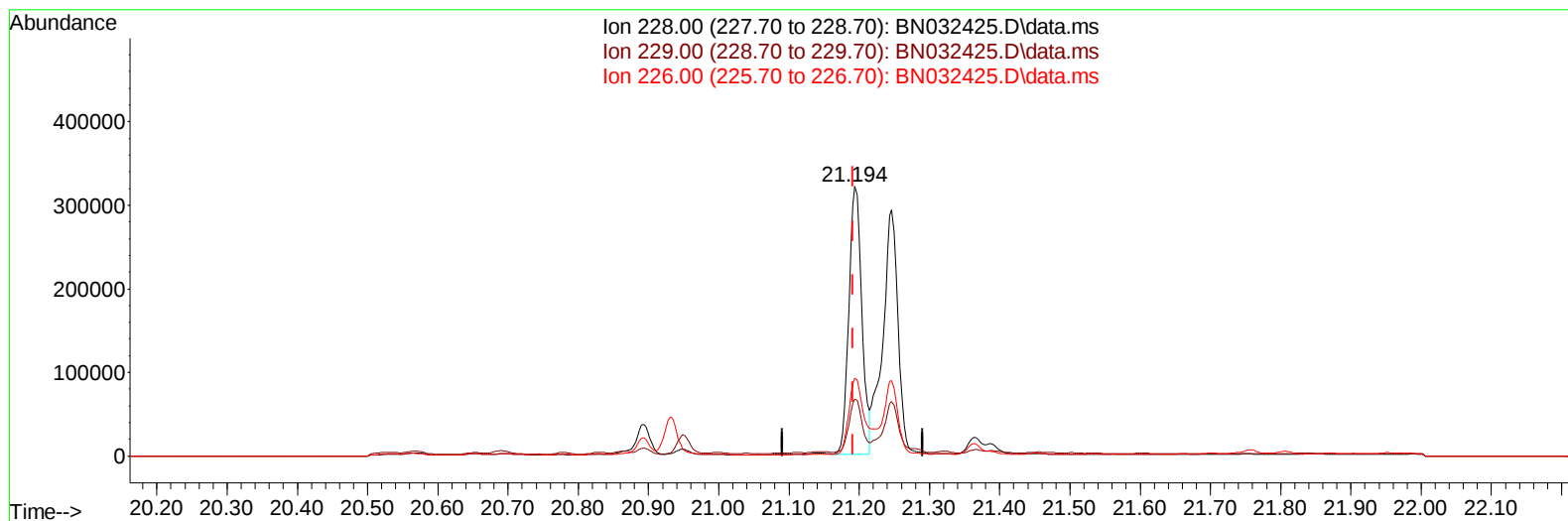
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 6.72 ng/ul m

response 412117

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.04
226.00	27.30	29.01
0.00	0.00	0.00

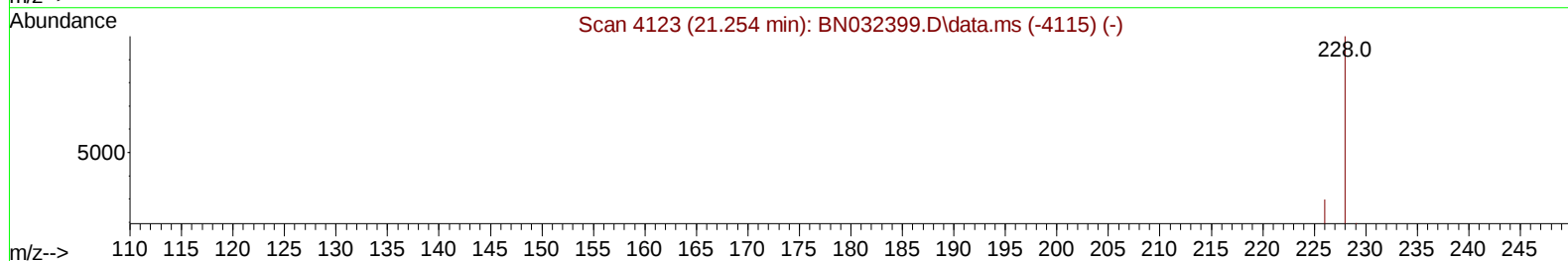
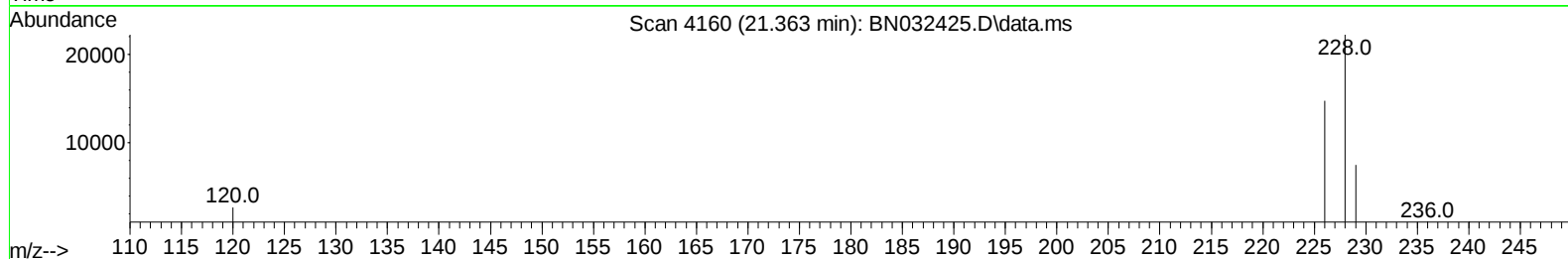
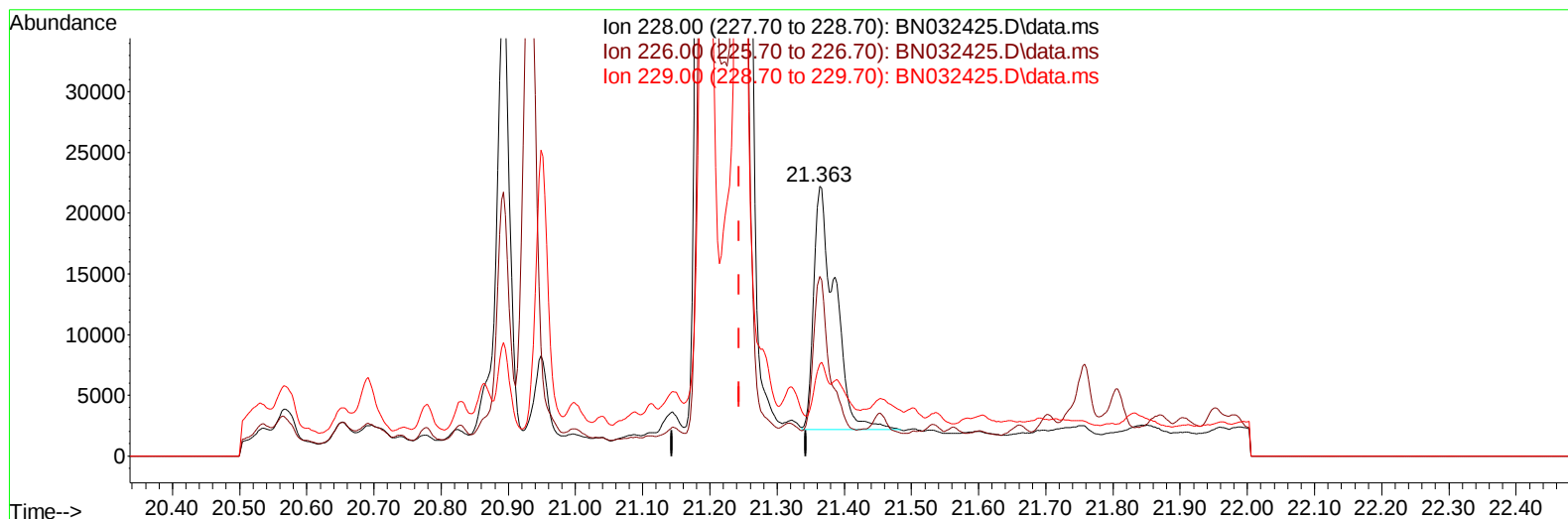
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(22) Chrysene

21.363min (+ 0.120) 0.65 ng/u1

response 43671

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.52#
229.00	19.60	33.99#
0.00	0.00	0.00

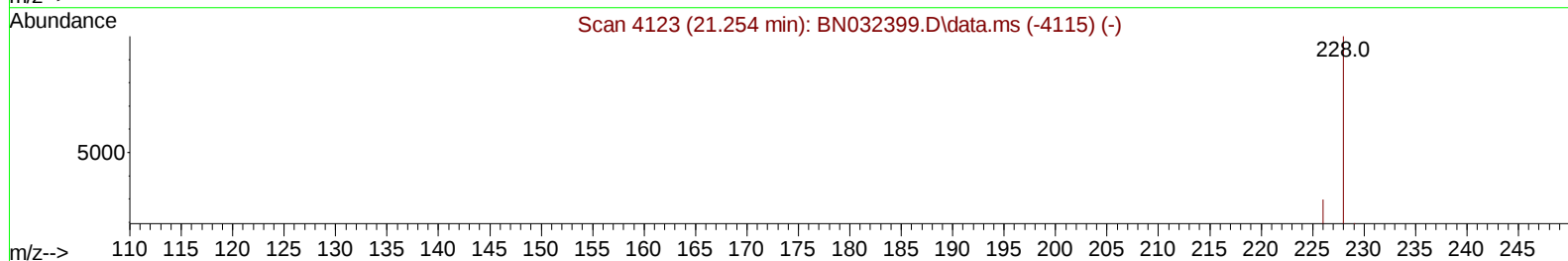
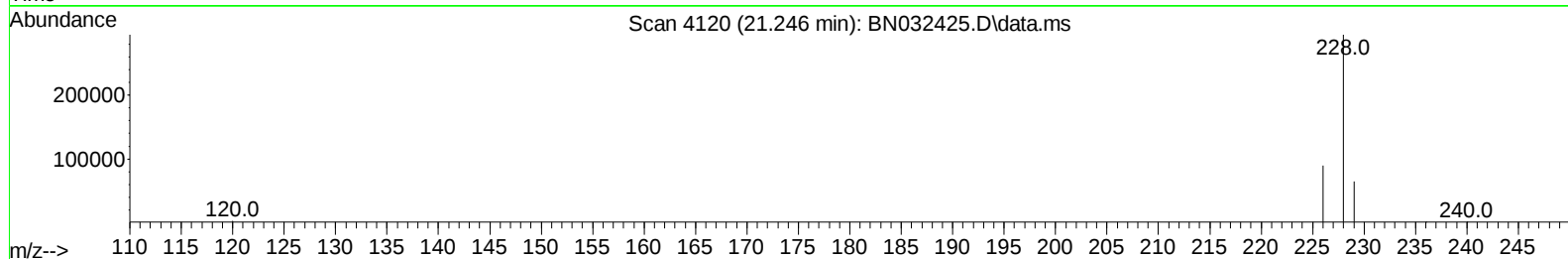
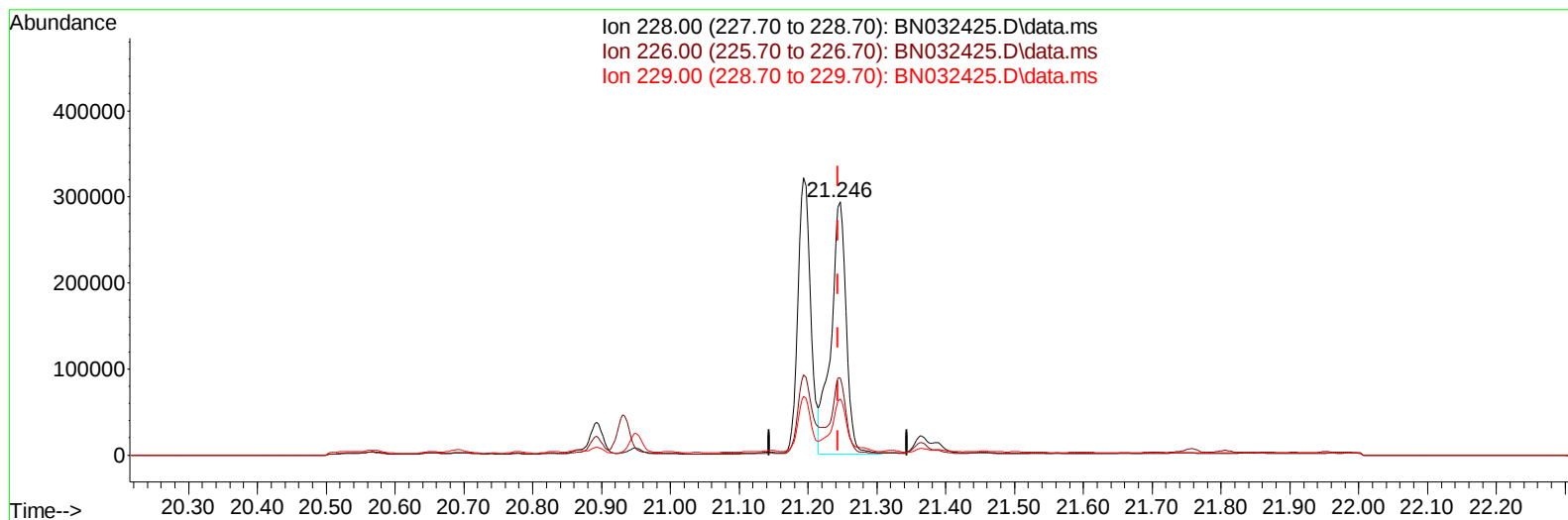
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(22) Chrysene

21.246min (+ 0.003) 6.72 ng/ul m

response 452253

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.51
229.00	19.60	22.08
0.00	0.00	0.00

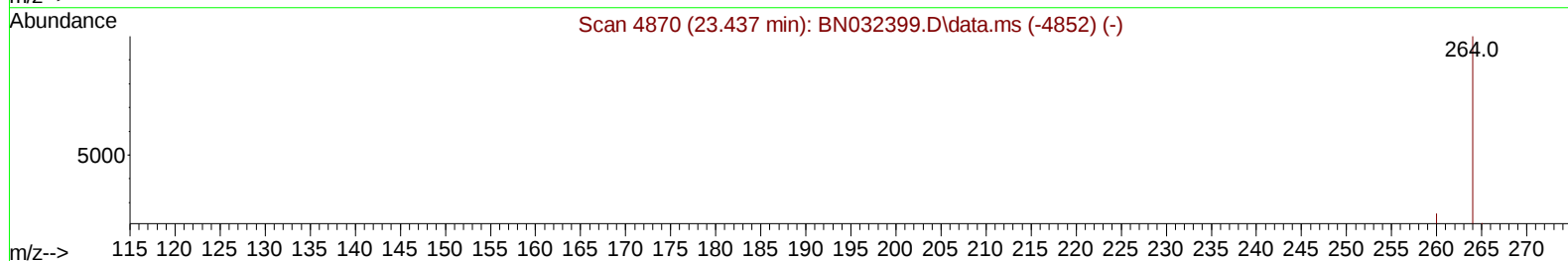
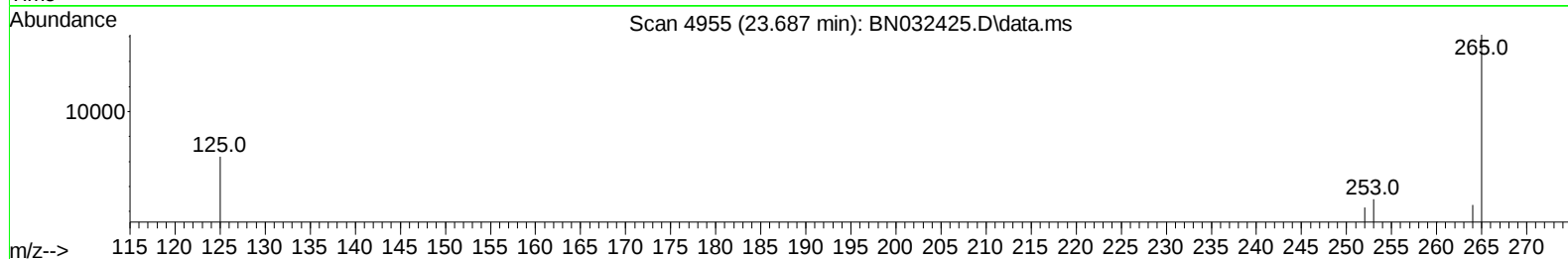
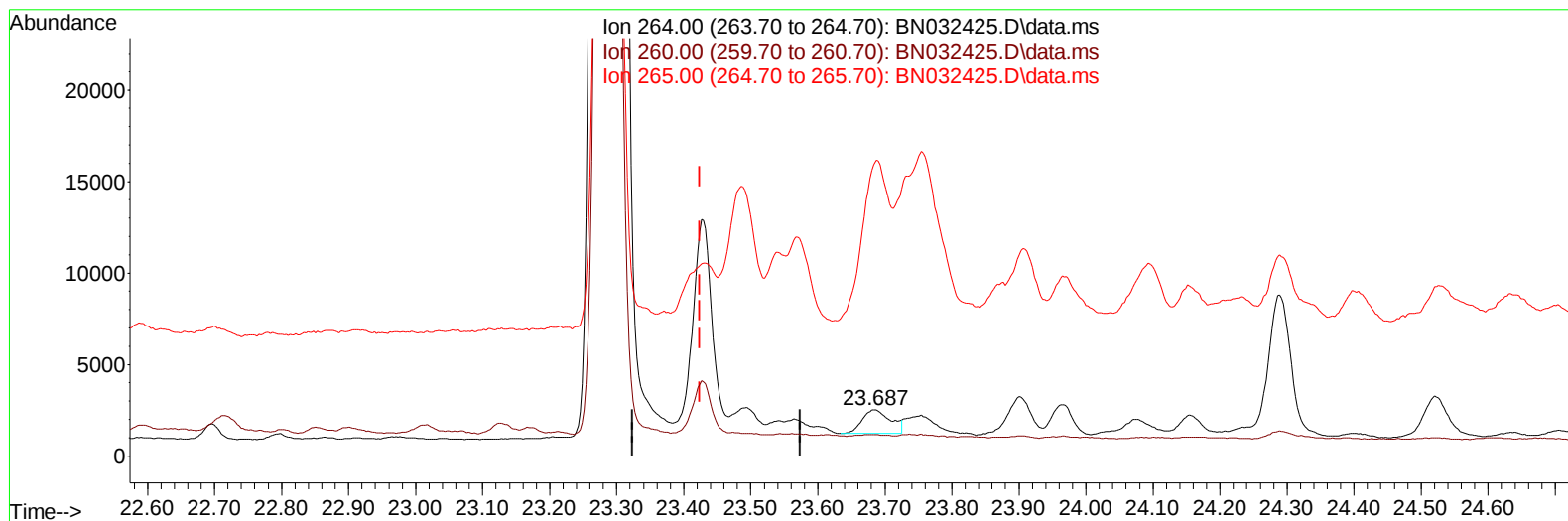
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(23) Perylene-d12 (I)

23.687min (+ 0.263) 0.40 ng/u1

response 3906

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	45.48#
265.00	67.20	637.20#
0.00	0.00	0.00

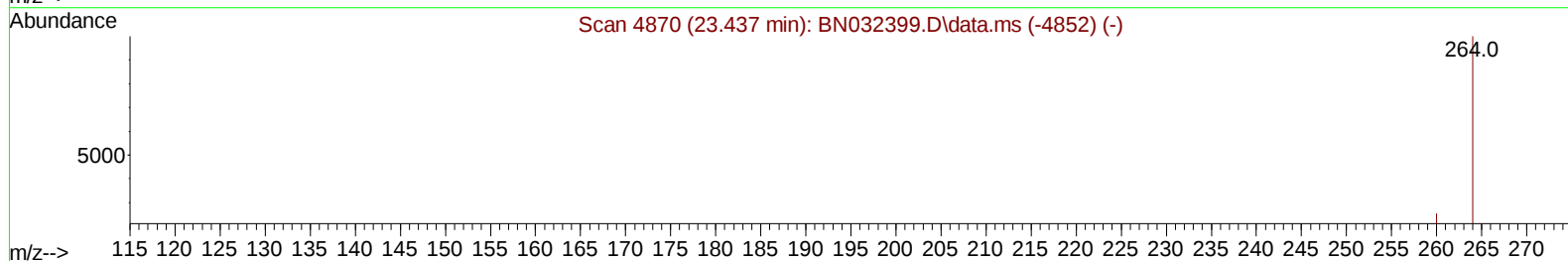
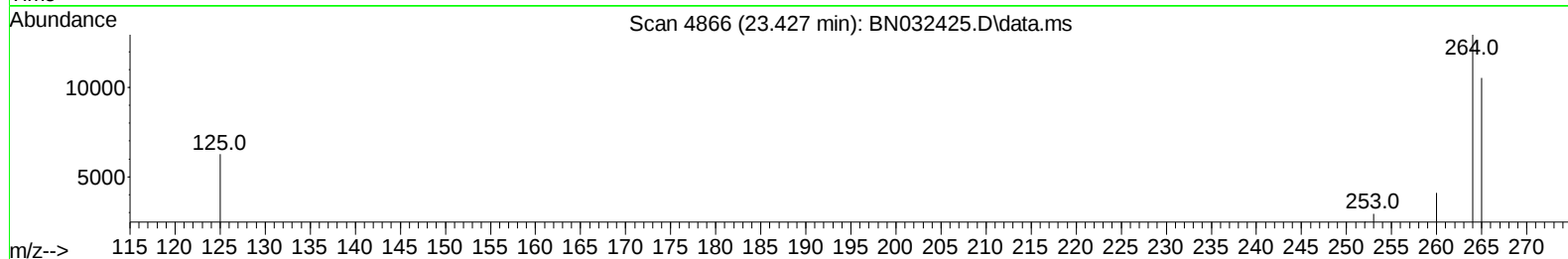
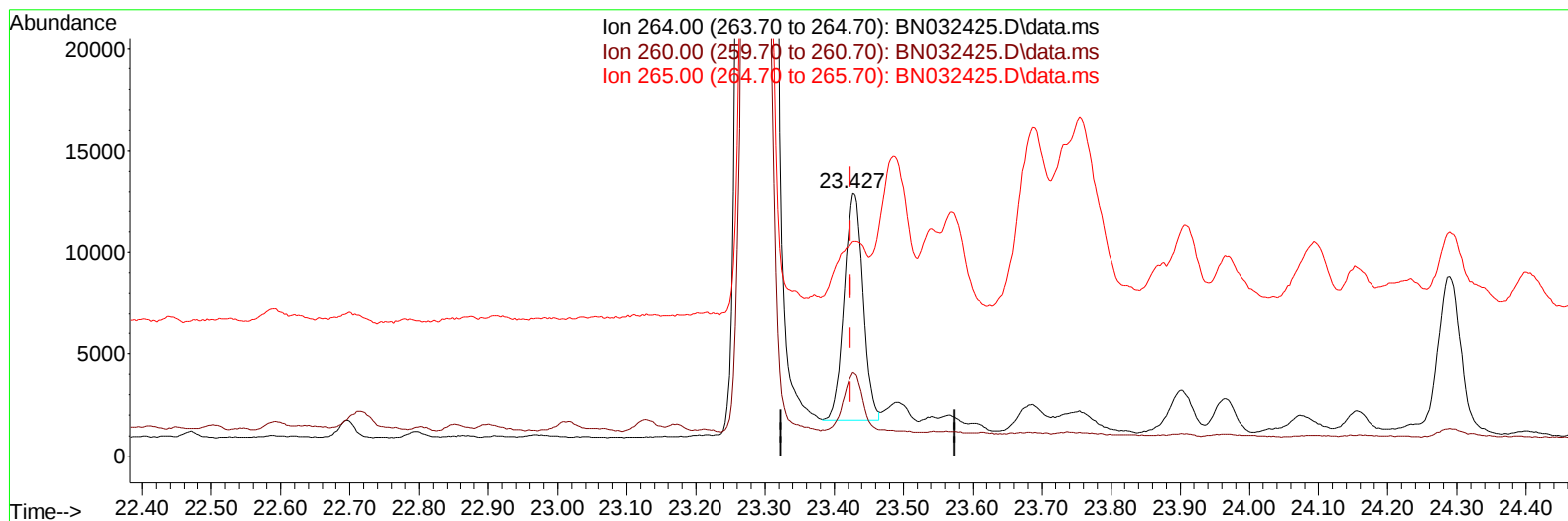
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 21106

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	31.79#
265.00	67.20	81.27#
0.00	0.00	0.00

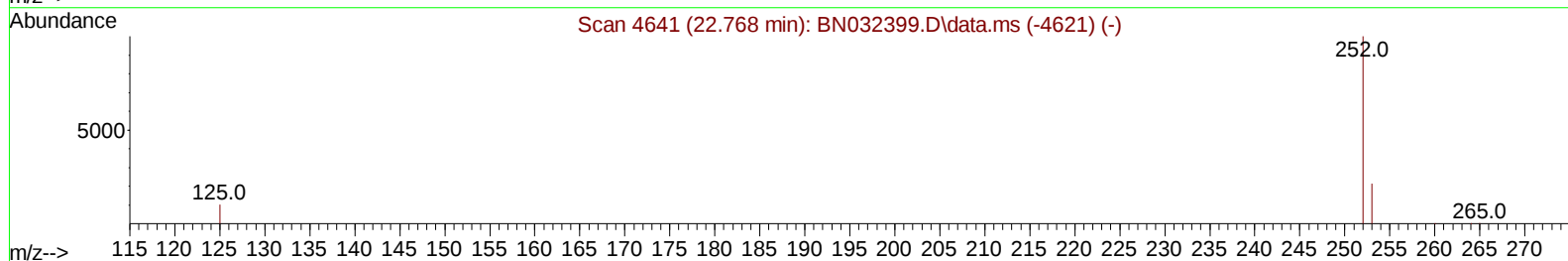
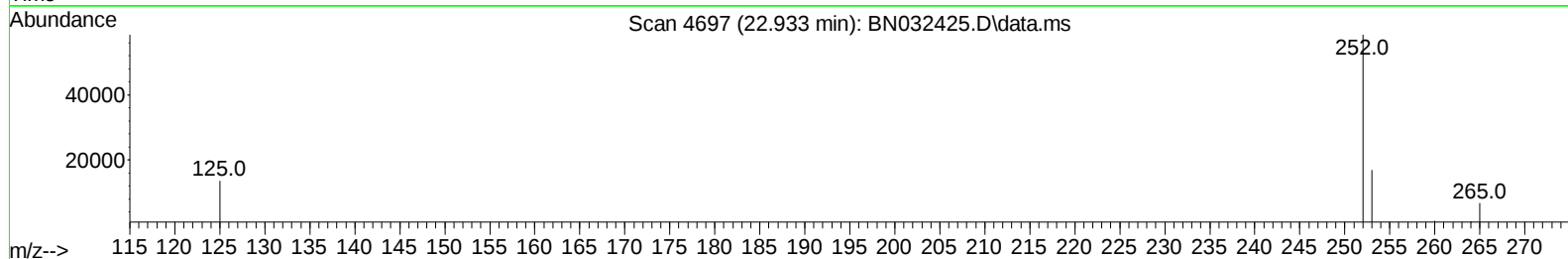
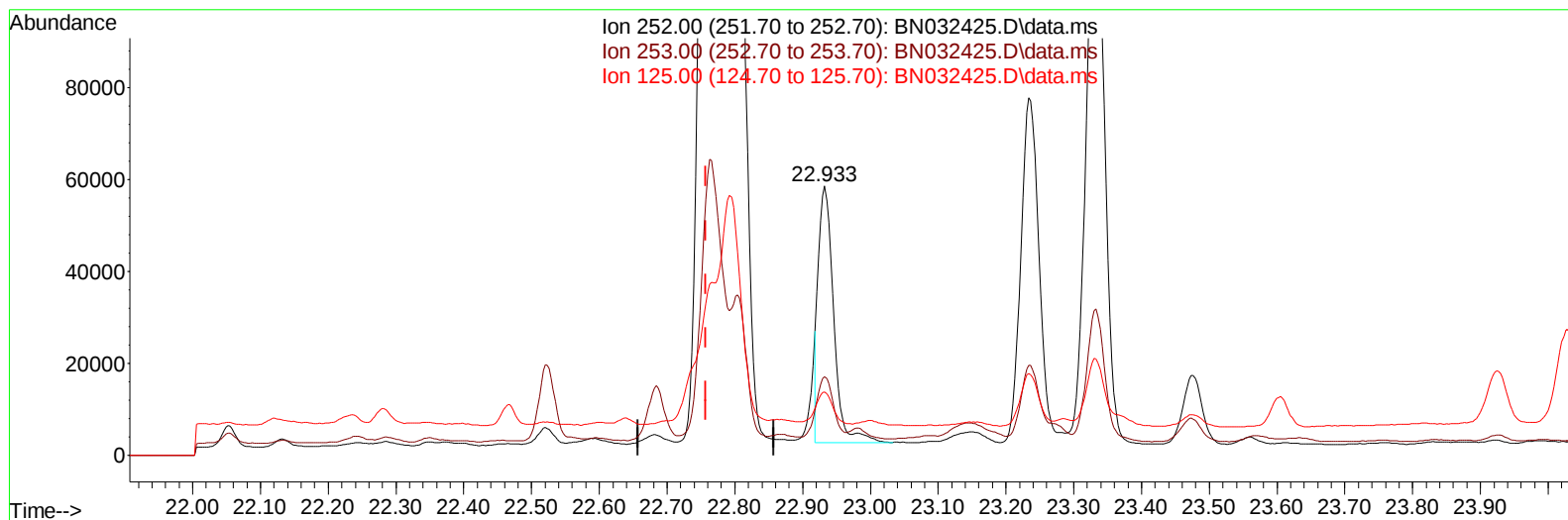
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.175) 0.96 ng/u1

response 87614

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.09
125.00	16.00	23.40
0.00	0.00	0.00

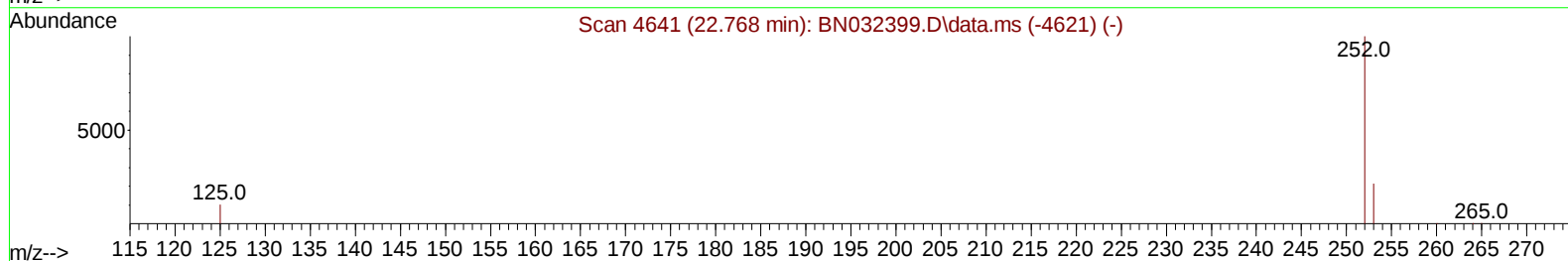
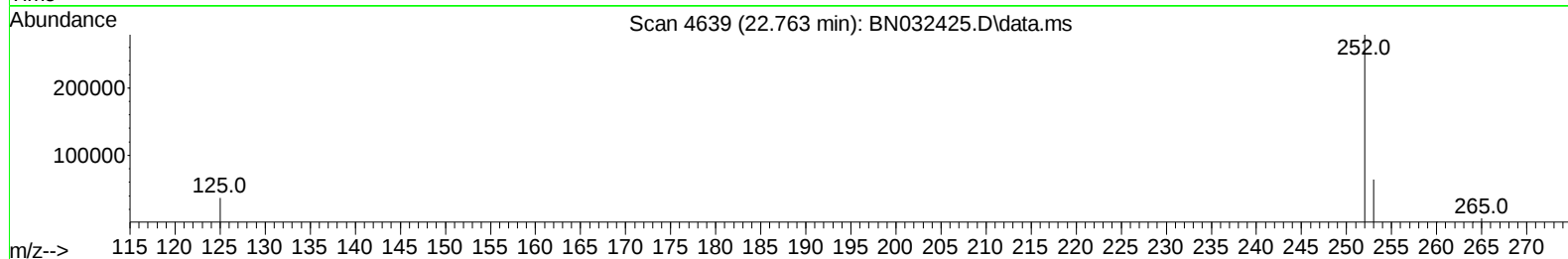
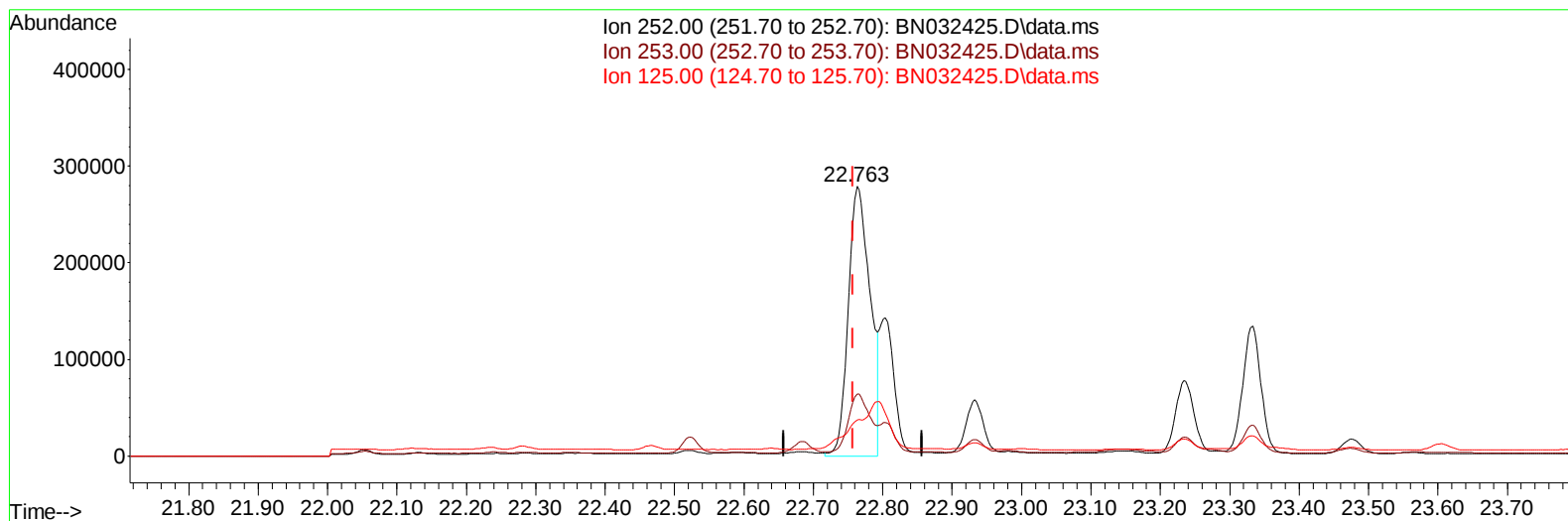
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (+ 0.006) 6.64 ng/u1 m

response 608973

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.07
125.00	16.00	13.33
0.00	0.00	0.00

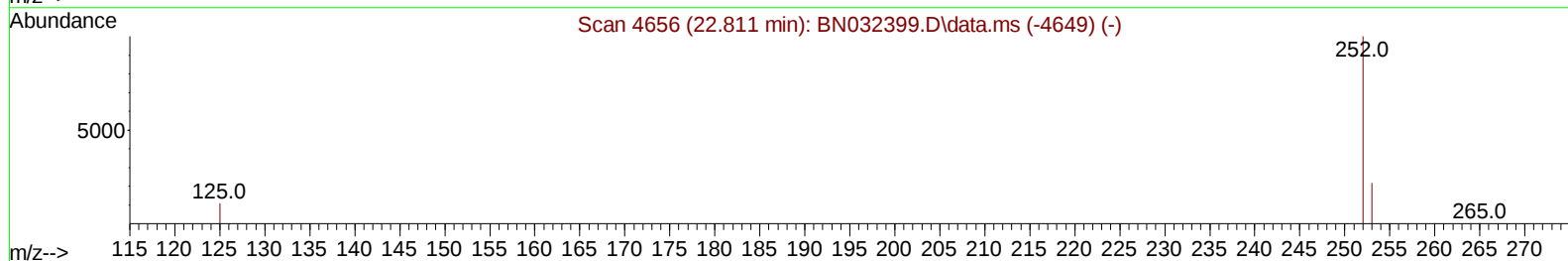
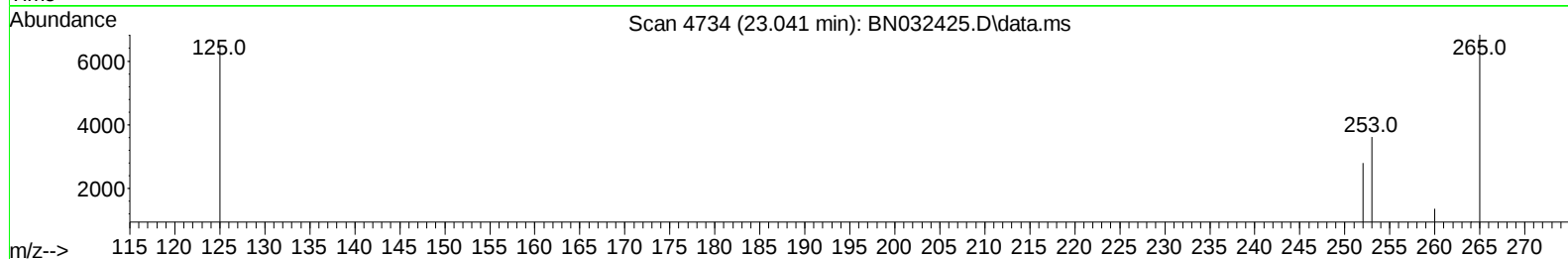
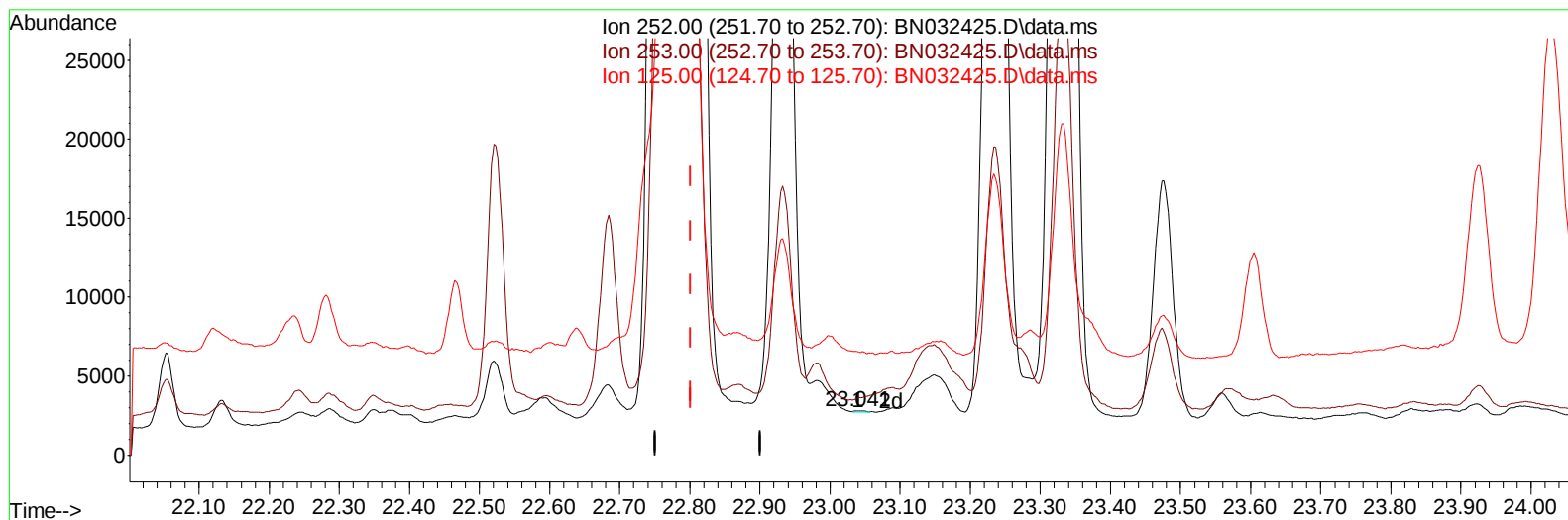
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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 07/04/2024



TIC: BN032425.D\data.ms

(25) Benzo(k)fluoranthene

23.041min (+ 0.240) 0.00 ng/u1

response 77

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	129.39#
125.00	16.00	232.96#
0.00	0.00	0.00

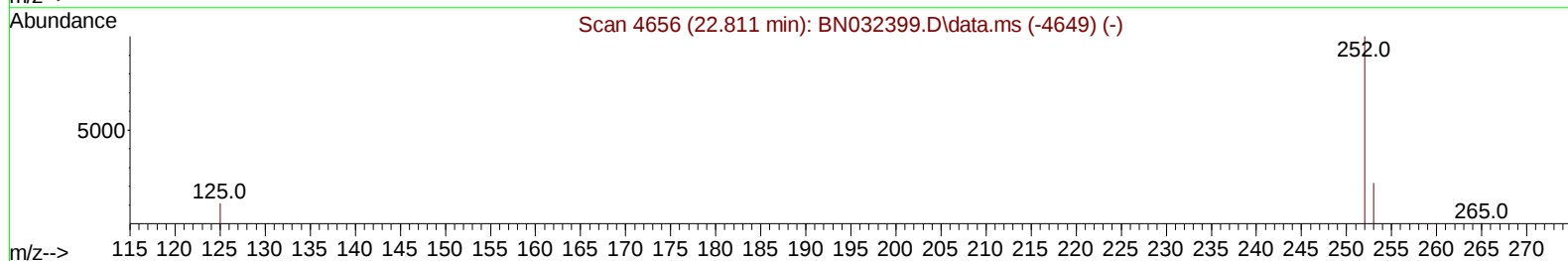
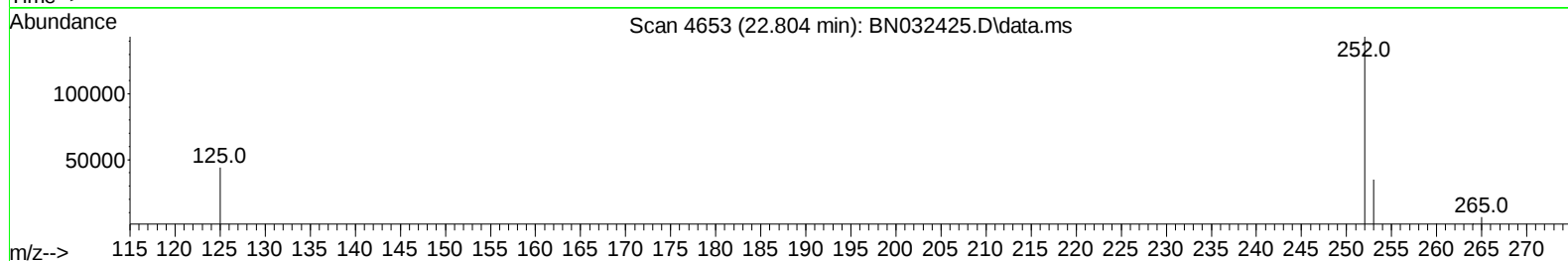
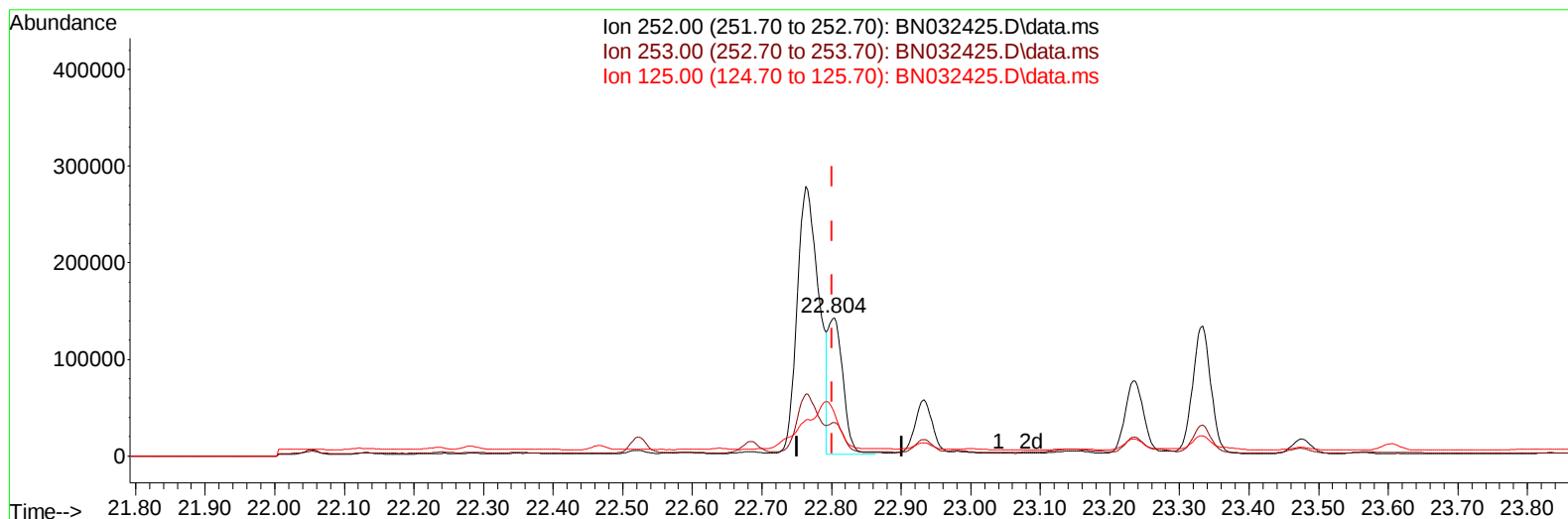
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 2.35 ng/u1 m

response 209332

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.34
125.00	16.00	30.86#
0.00	0.00	0.00

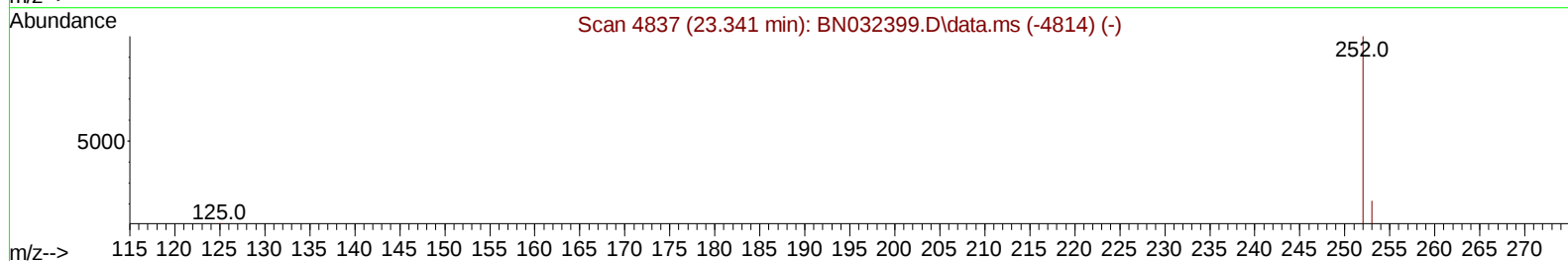
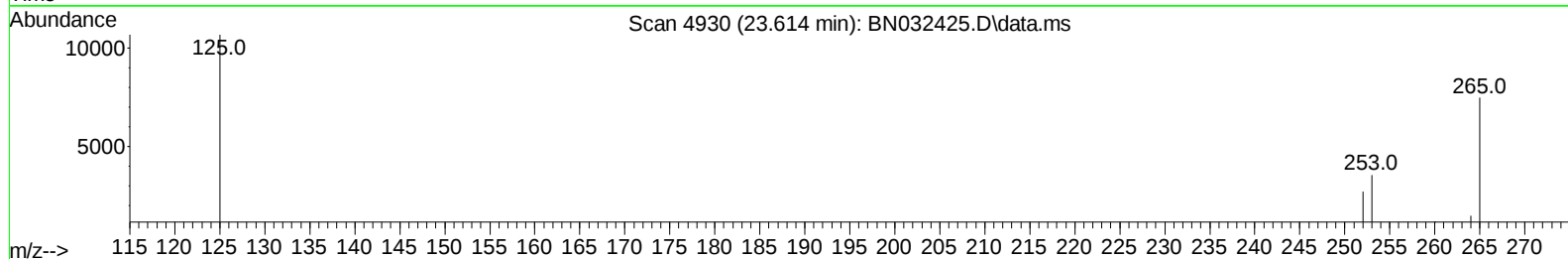
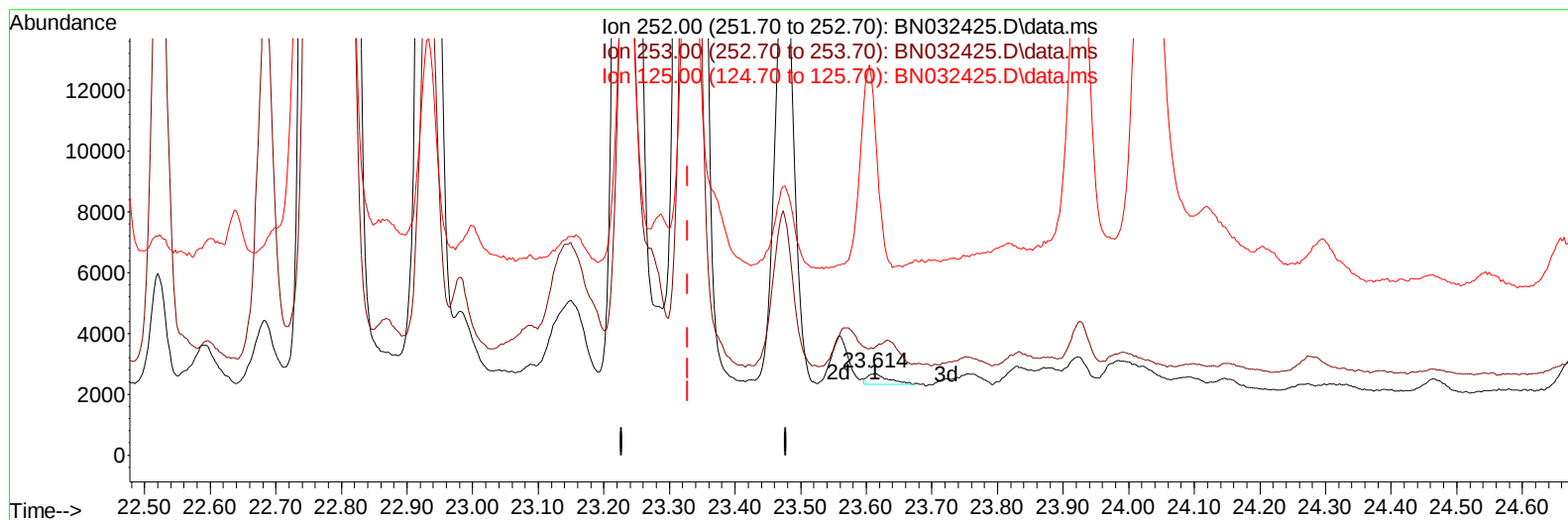
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

(26) Benzo(a)pyrene (C)

23.614min (+ 0.286) 0.01 ng/u1

response 779

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	131.94#
125.00	20.50	395.19#
0.00	0.00	0.00

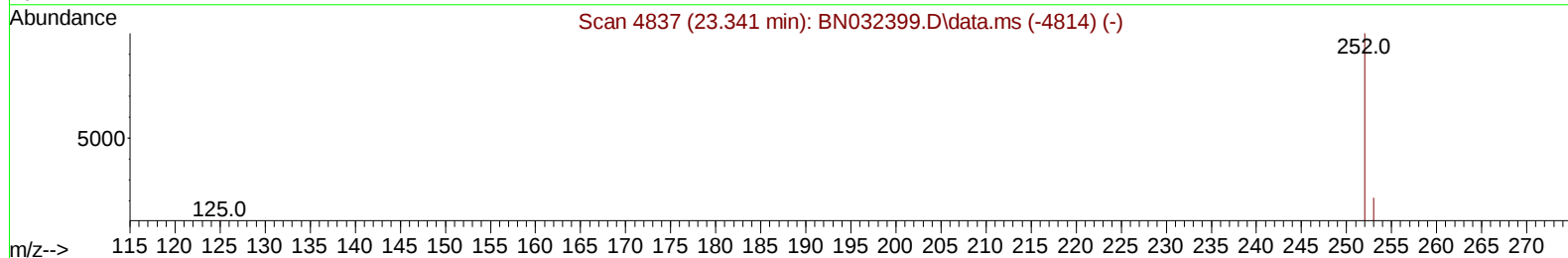
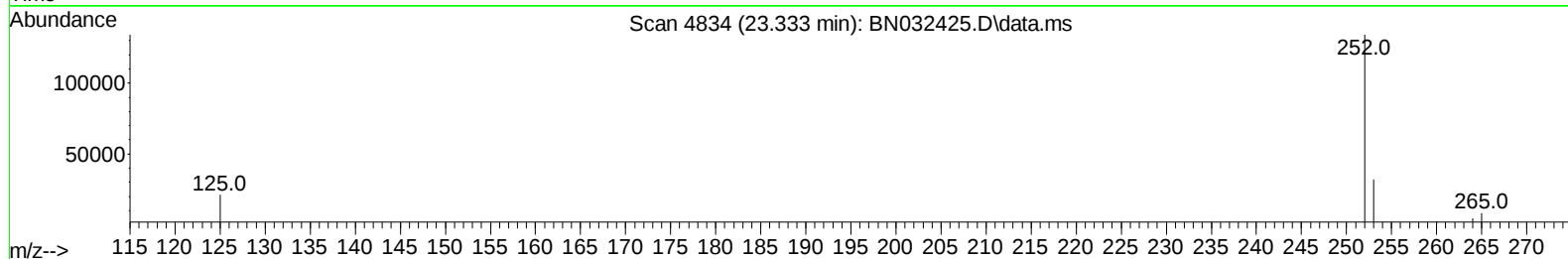
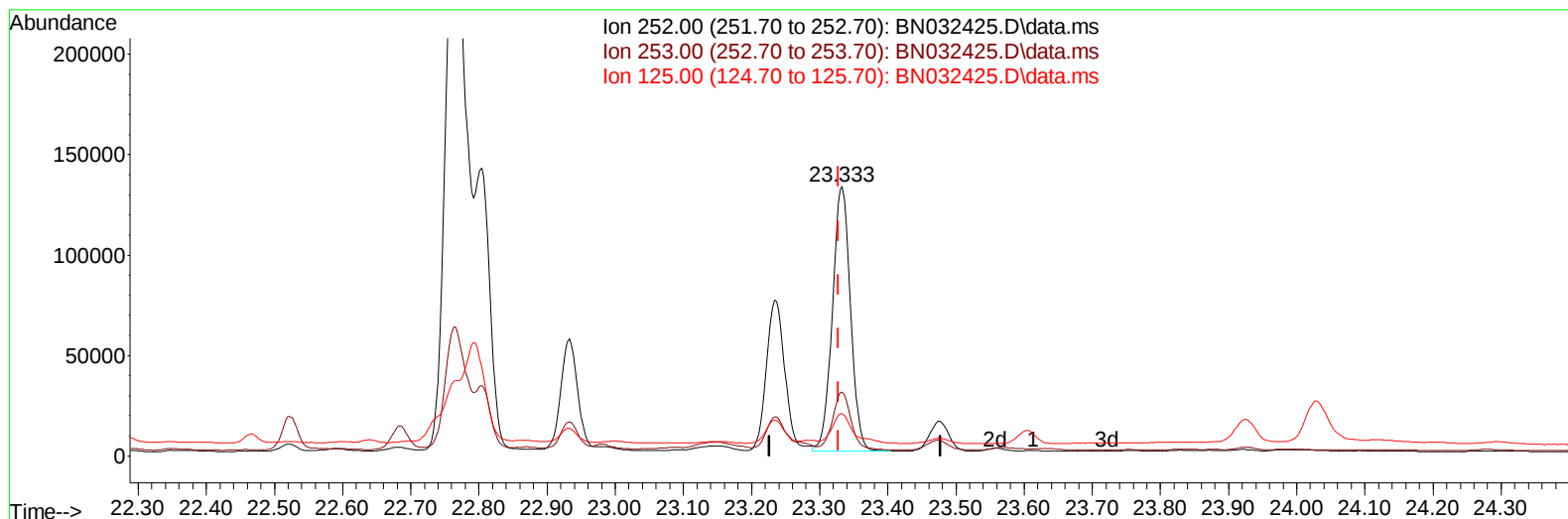
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 3.81 ng/ul m

response 242833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.67
125.00	20.50	15.62#
0.00	0.00	0.00

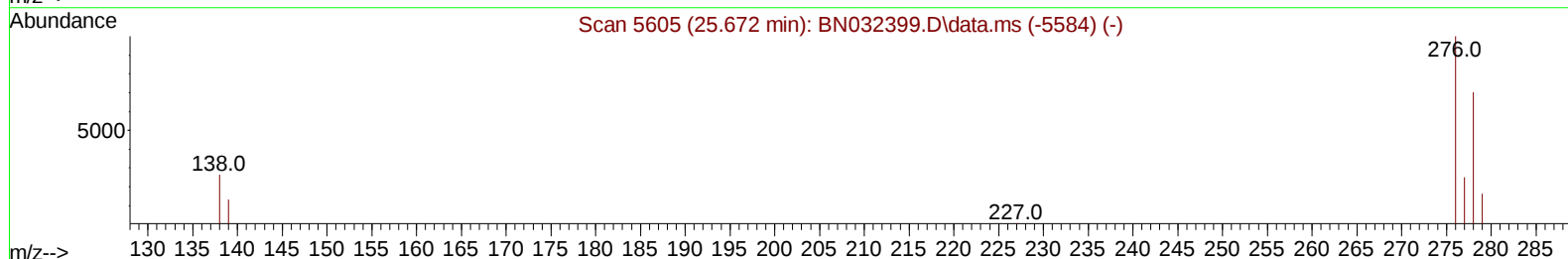
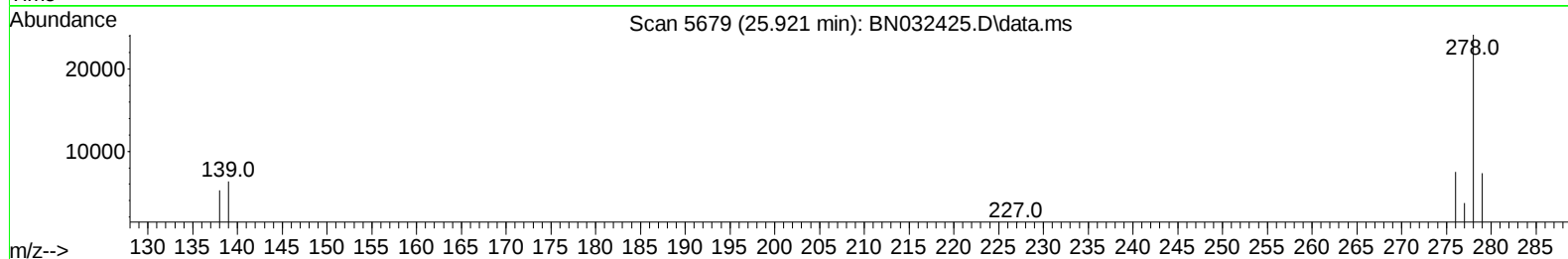
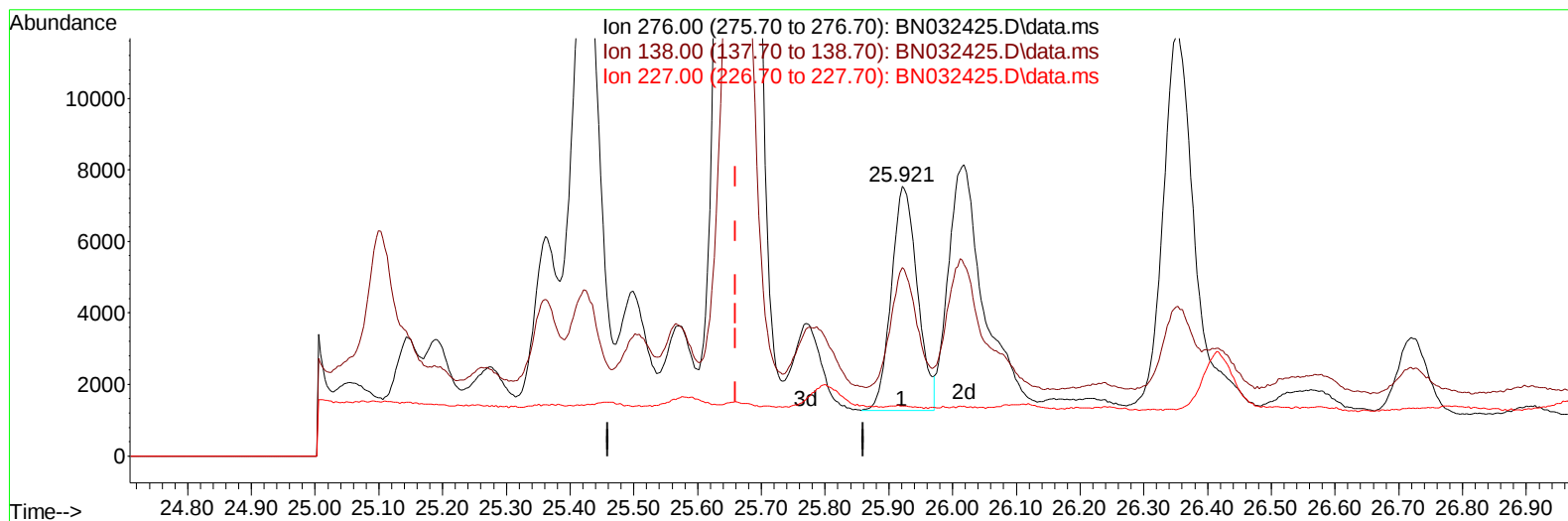
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032425.D
 Acq On : 03 Jul 2024 06:22
 Operator : MA/JU
 Sample : P2963-11
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

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

25.921min (+ 0.261) 0.18 ng/u1

response 17837

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	52.74#
227.00	0.10	1.17#
0.00	0.00	0.00

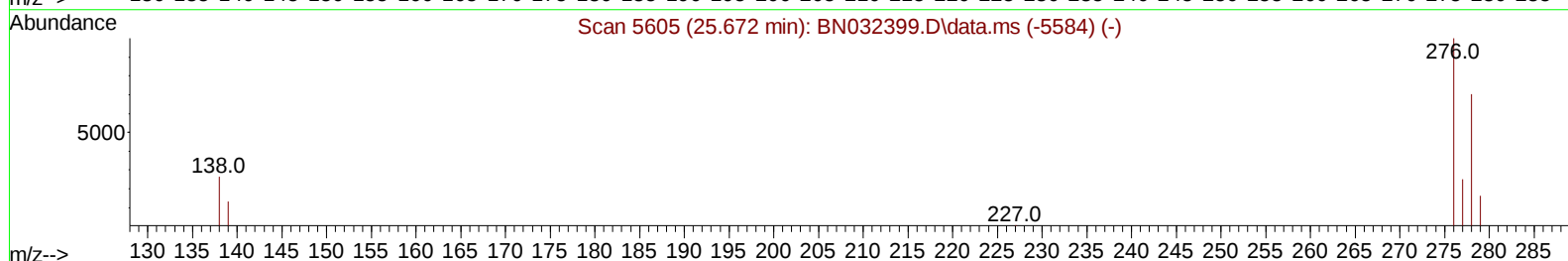
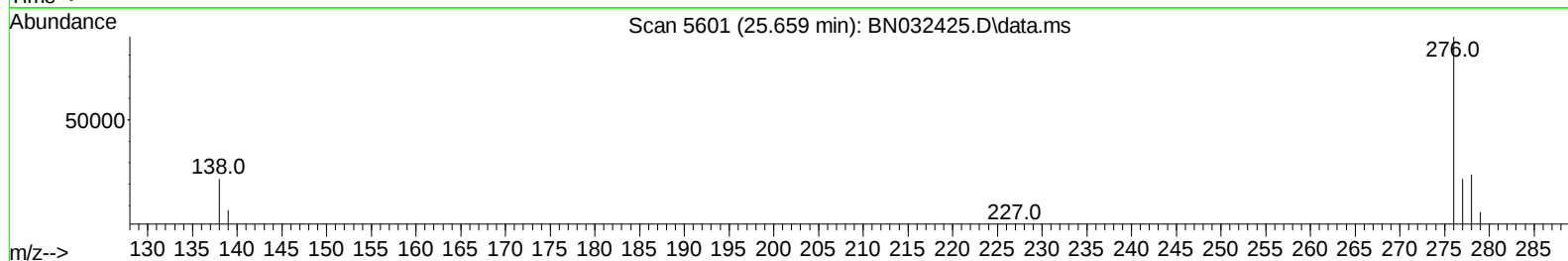
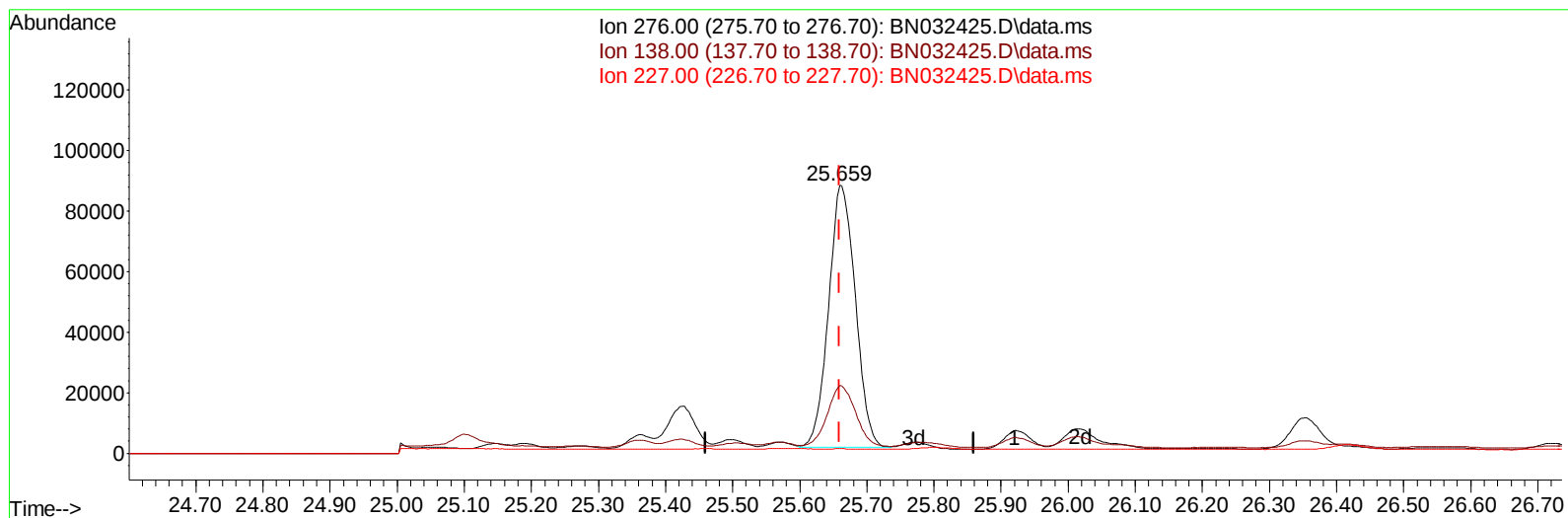
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

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

25.659min (-0.000) 2.41 ng/u1 m

response 240352

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.91#
227.00	0.10	0.09
0.00	0.00	0.00

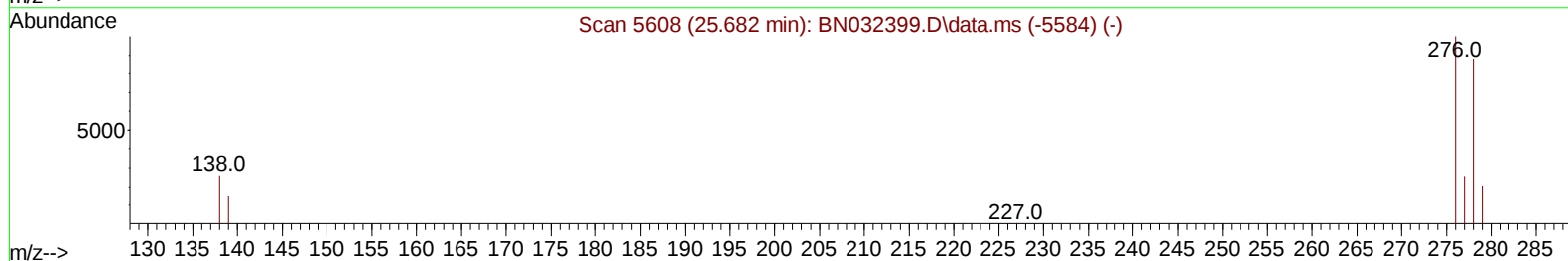
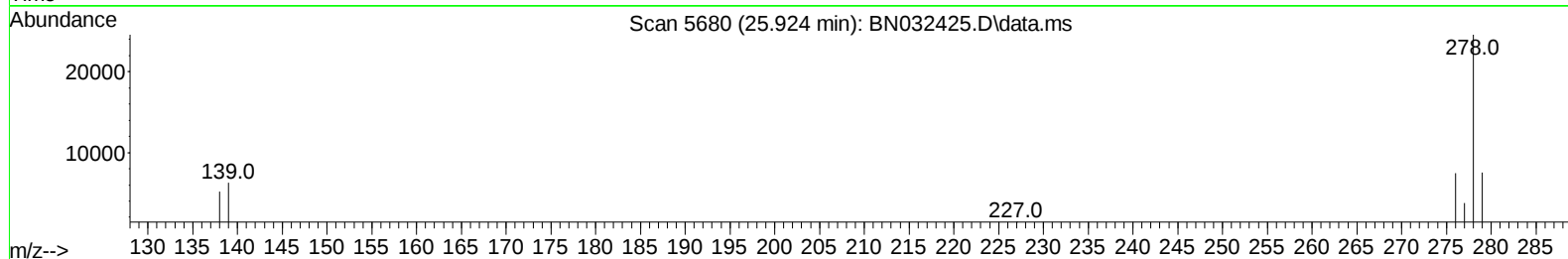
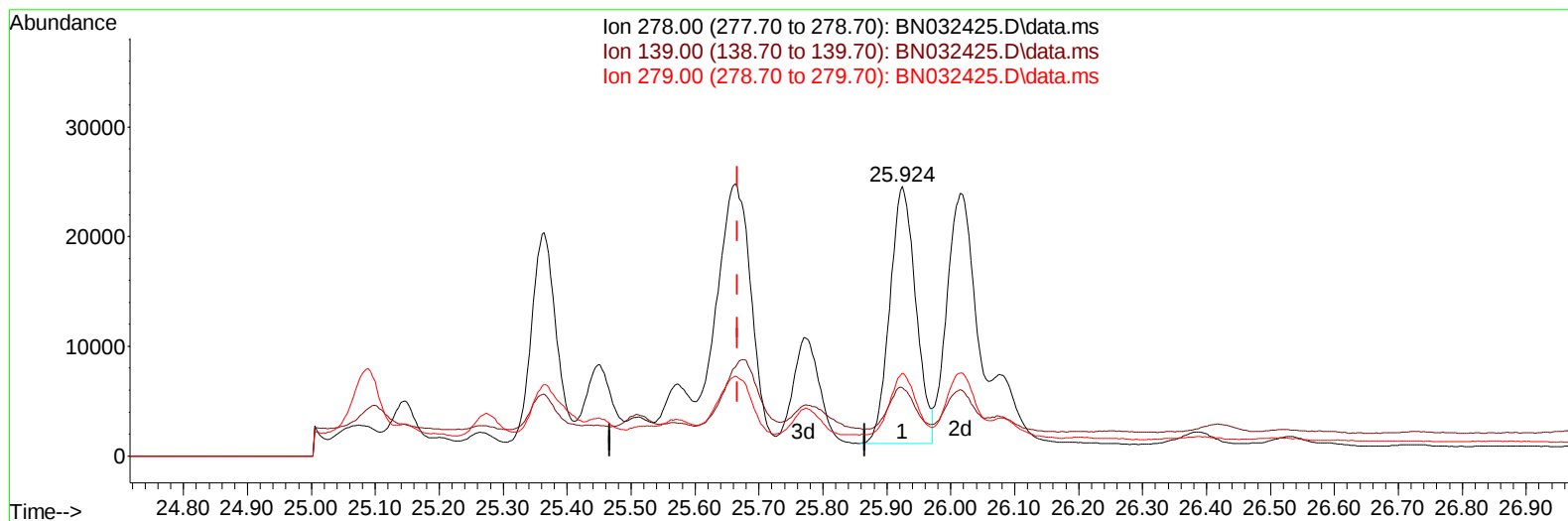
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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
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TIC: BN032425.D\data.ms

(28) Dibenzo(a,h)anthracene

25.924min (+ 0.258) 0.89 ng/u1

response 66229

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	25.45#
279.00	26.40	30.77
0.00	0.00	0.00

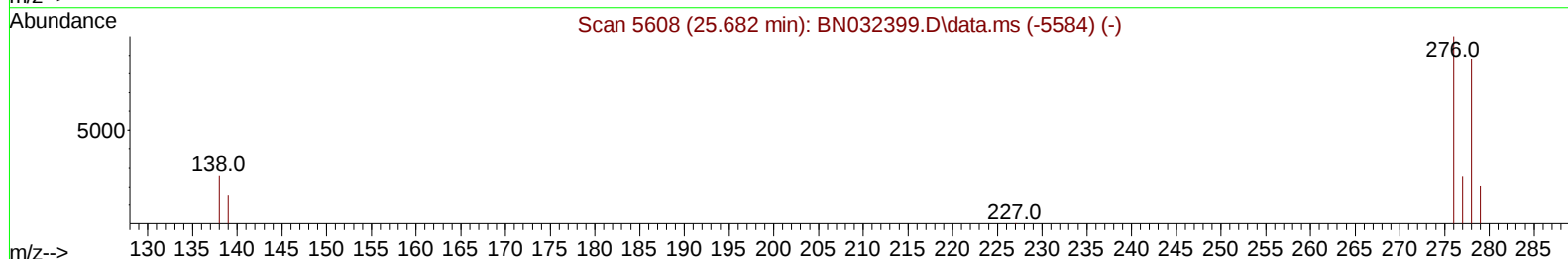
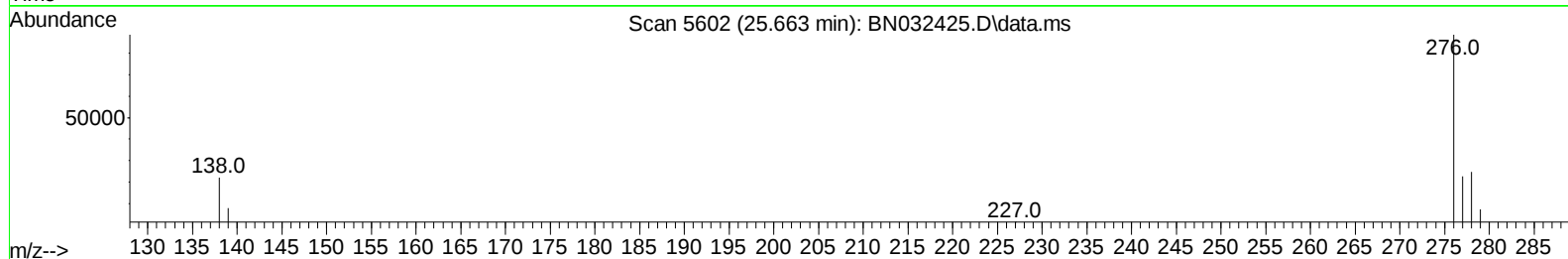
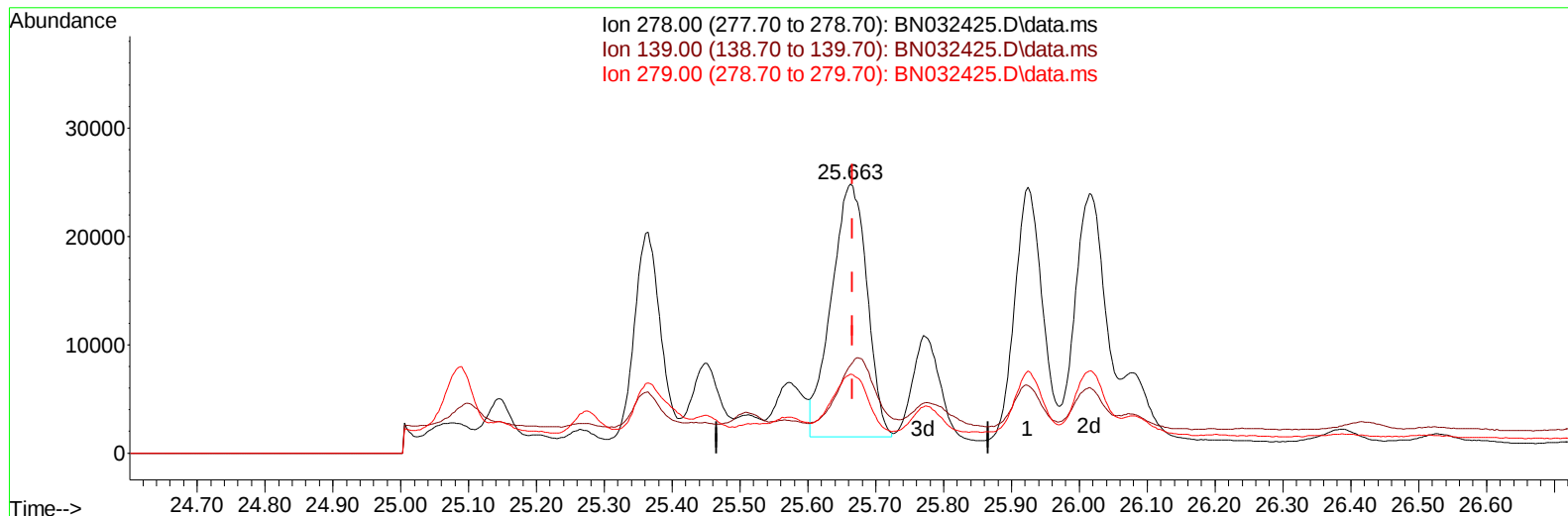
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.004) 1.15 ng/ul m

response 85215

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	32.66#
279.00	26.40	29.35
0.00	0.00	0.00

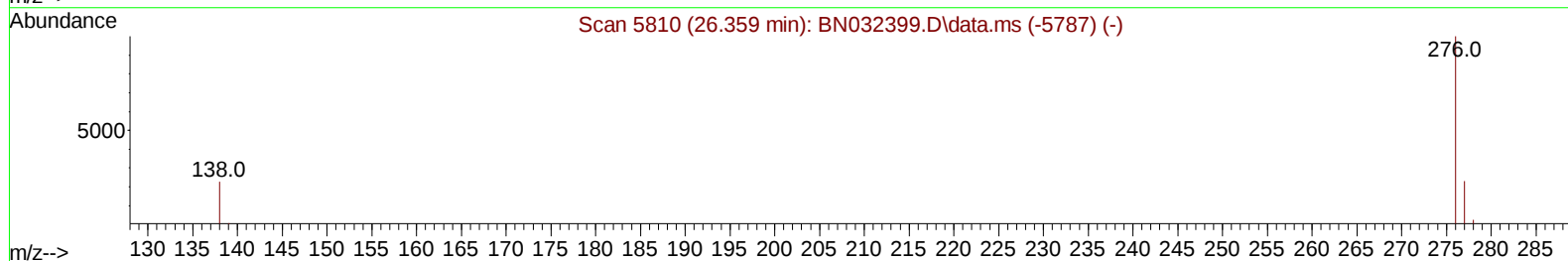
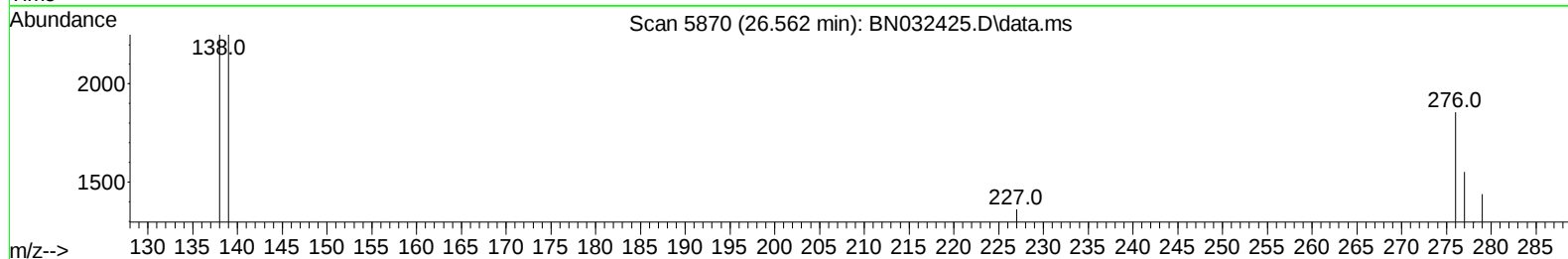
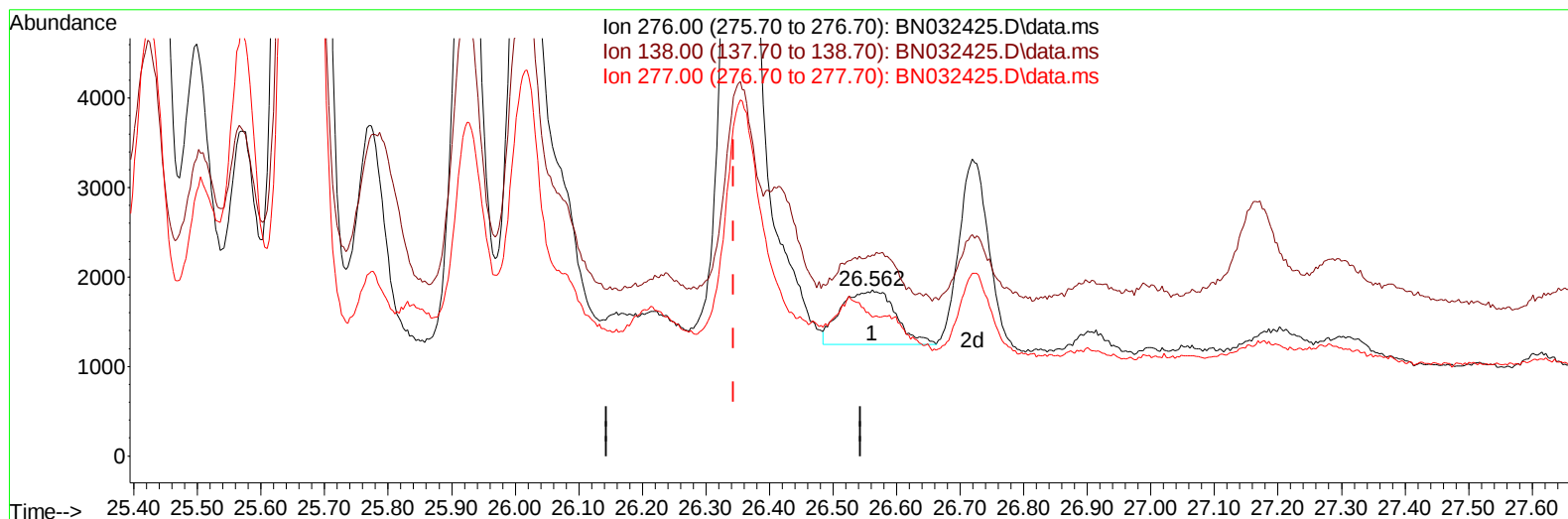
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032425.D\data.ms

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

26.562min (+ 0.218) 0.05 ng/u1

response 3638

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	121.23#
277.00	24.70	83.57#
0.00	0.00	0.00

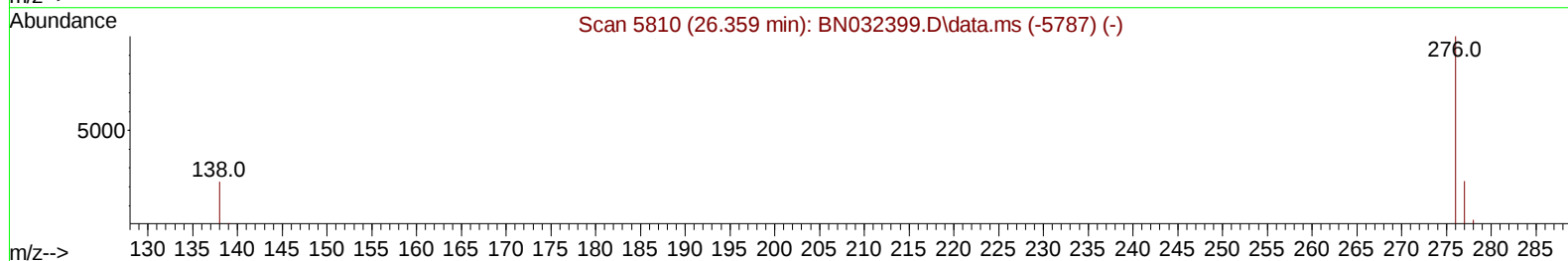
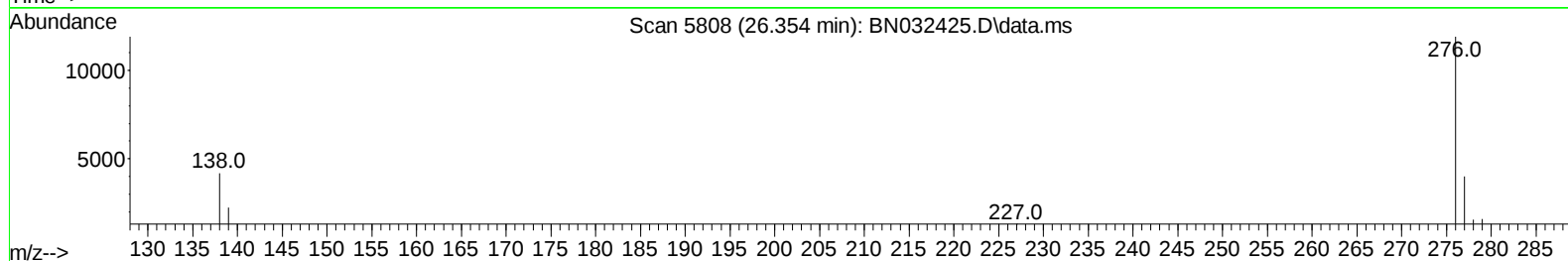
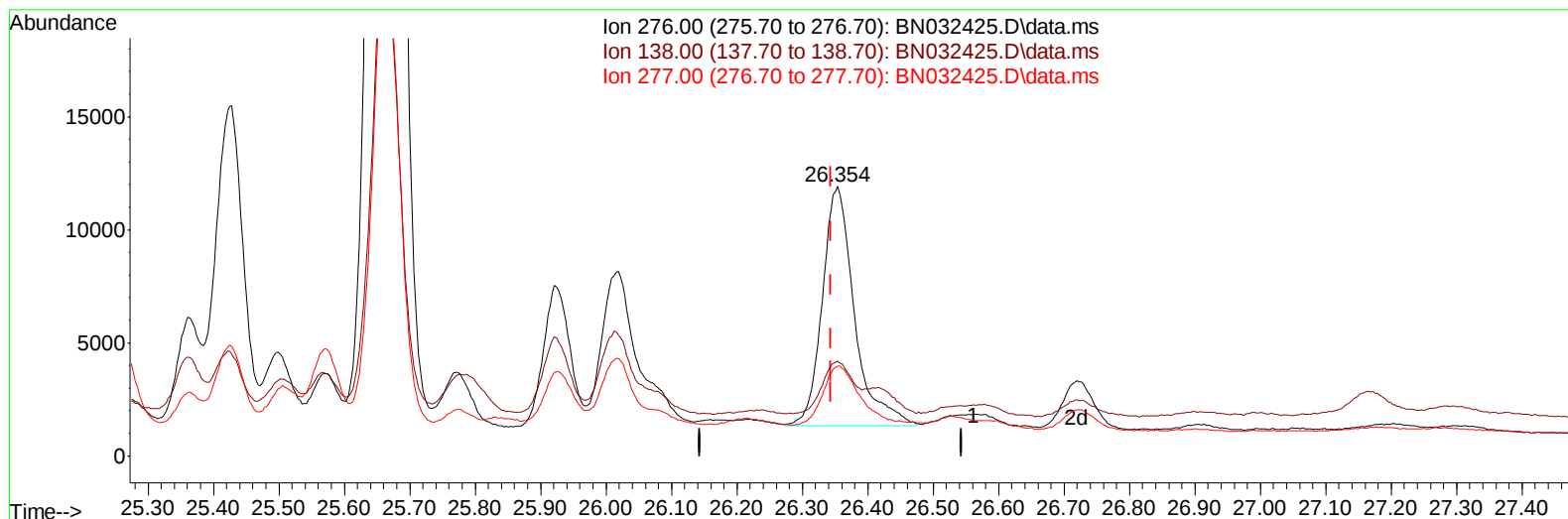
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:54:02 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: BN032425.D\data.ms

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

26.354min (+ 0.010) 0.45 ng/ul m

response 35975

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	35.15#
277.00	24.70	33.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032425.D
 Acq On : 03 Jul 2024 06:22
 Operator : MA/JU
 Sample : P2963-11
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR5

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	26089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	15522	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	26912m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	16998m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	21106m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	29430	3.283	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	10042	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	16093m	0.315	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	30897	0.448	ng/ul	100
7) 2-Methylnaphthalene	12.053	142	13614	0.298	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	8570	0.181	ng/ul	98
10) Acenaphthylene	13.971	152	63141	0.978	ng/ul	99
11) Acenaphthene	14.313	153	13180	0.263	ng/ul	98
12) Fluorene	15.308	166	19187	0.321	ng/ul#	99
15) Phenanthrene	17.045	178	441096m	5.978	ng/ul	
16) Anthracene	17.138	178	110676m	1.682	ng/ul	
19) Fluoranthene	19.073	202	841759m	13.005	ng/ul	
20) Pyrene	19.440	202	632357m	9.349	ng/ul	
21) Benzo(a)anthracene	21.194	228	412117m	6.717	ng/ul	
22) Chrysene	21.246	228	452253m	6.716	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	608973m	6.641	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	209332m	2.350	ng/ul	
26) Benzo(a)pyrene	23.333	252	242833m	3.806	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.659	276	240352m	2.406	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	85215m	1.148	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	35975m	0.452	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032425.D
Acq On : 03 Jul 2024 06:22
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR5

Manual IntegrationsAPPROVED

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