

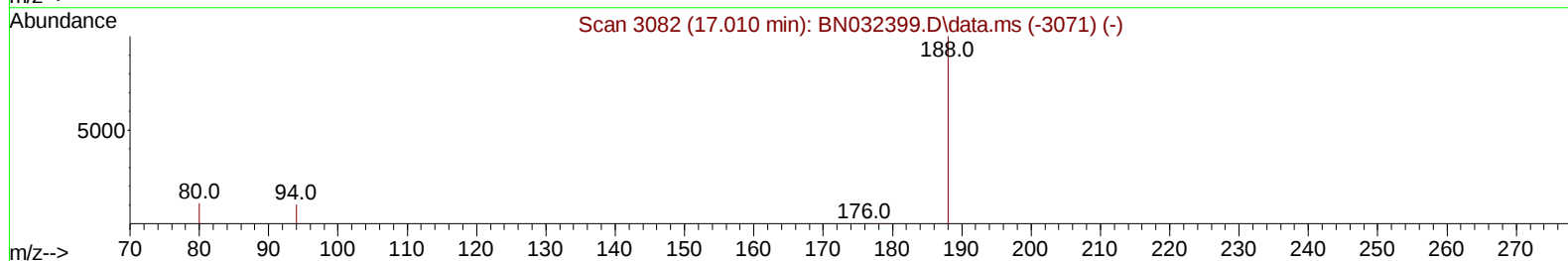
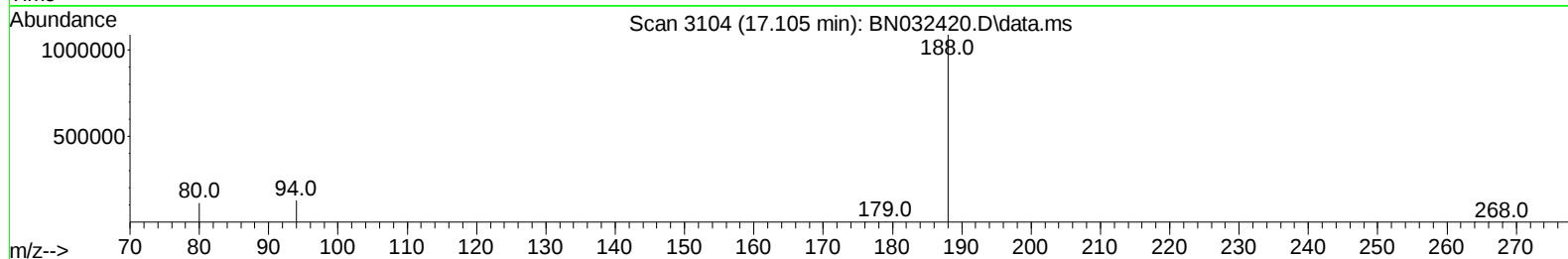
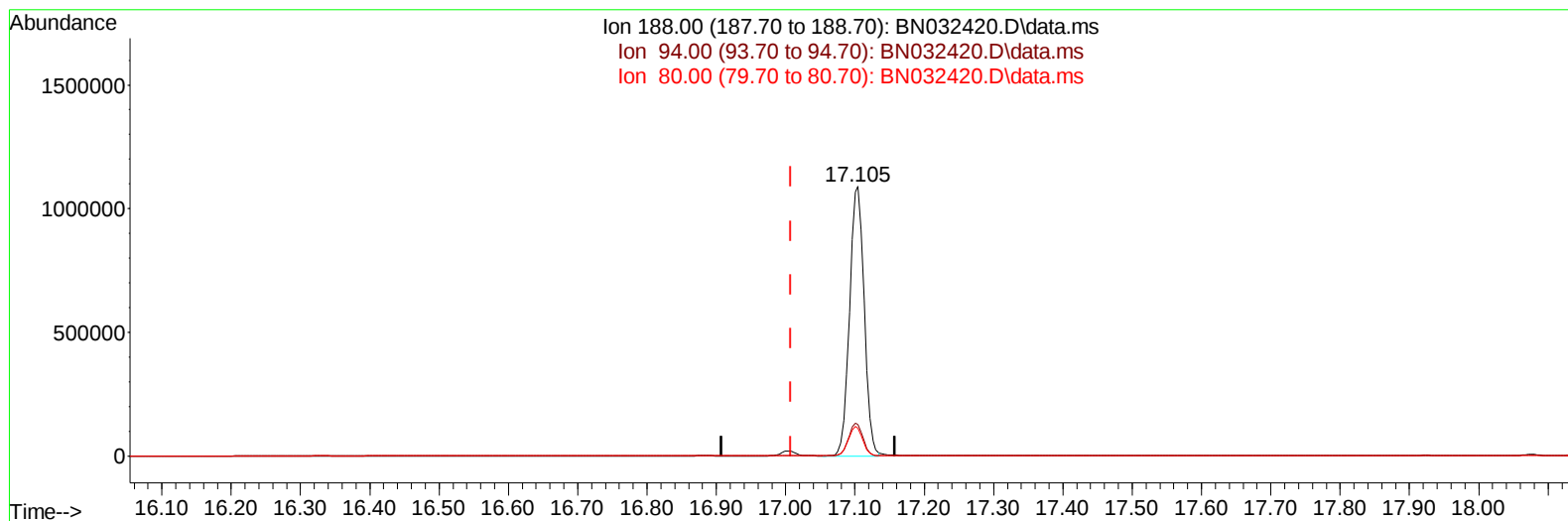
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 1593187

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.65
80.00	10.50	10.24
0.00	0.00	0.00

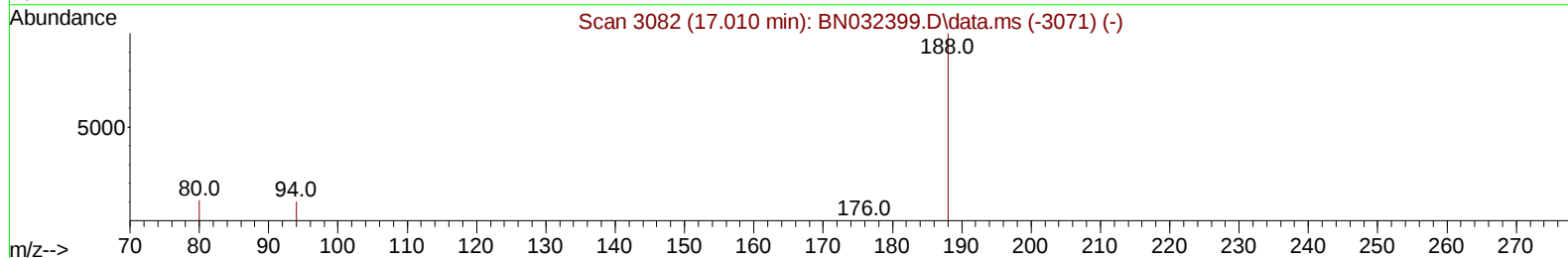
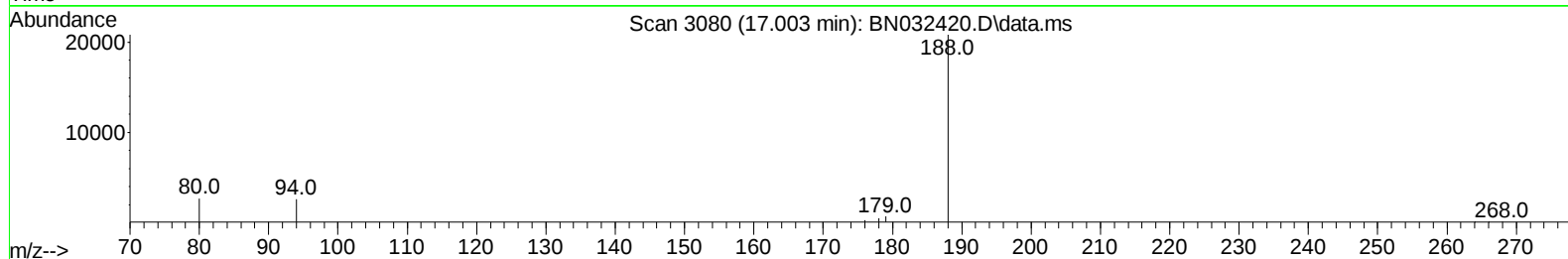
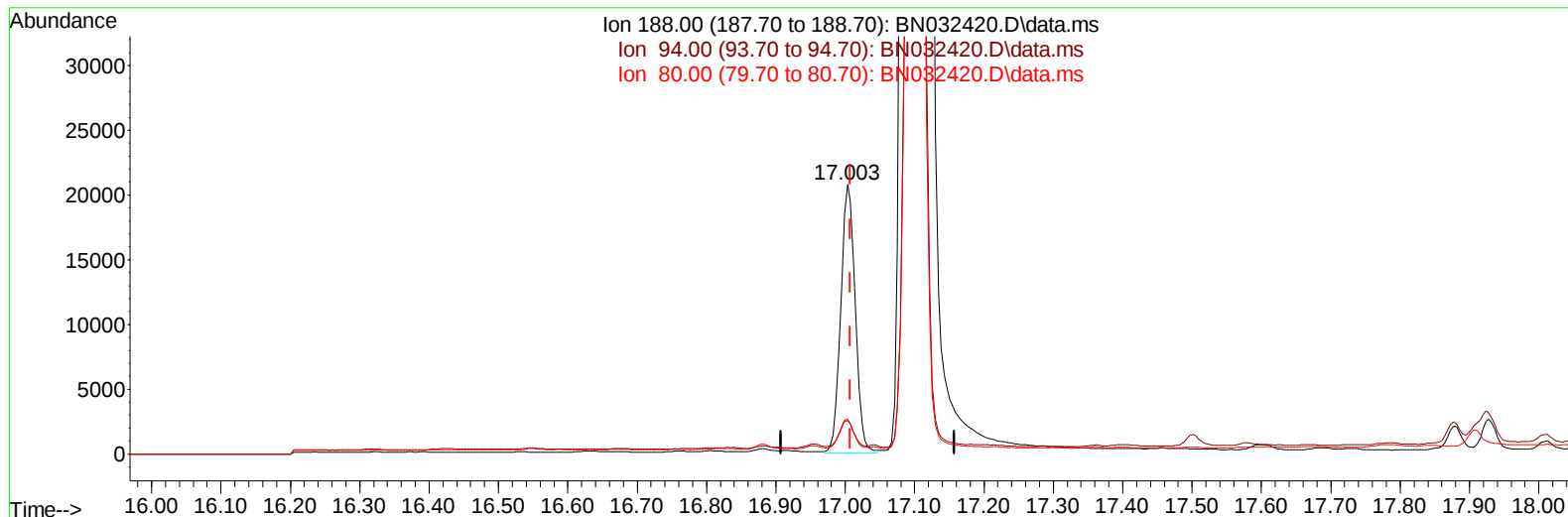
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 30002

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.44#
80.00	10.50	12.86#
0.00	0.00	0.00

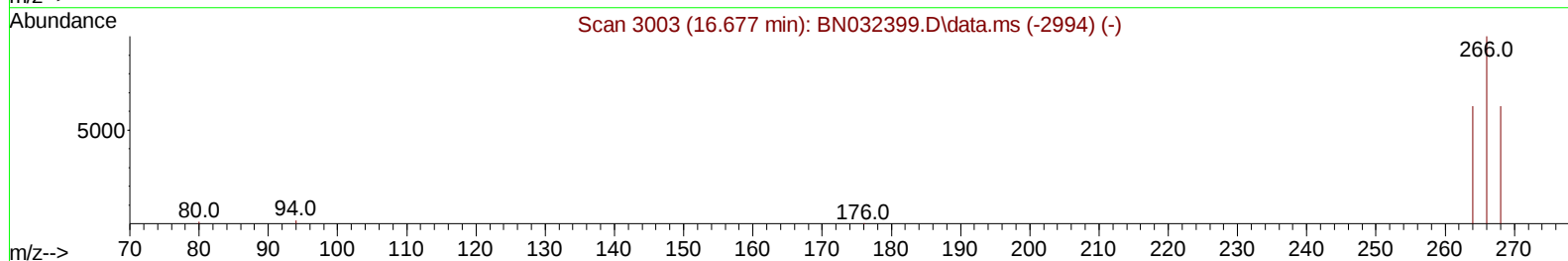
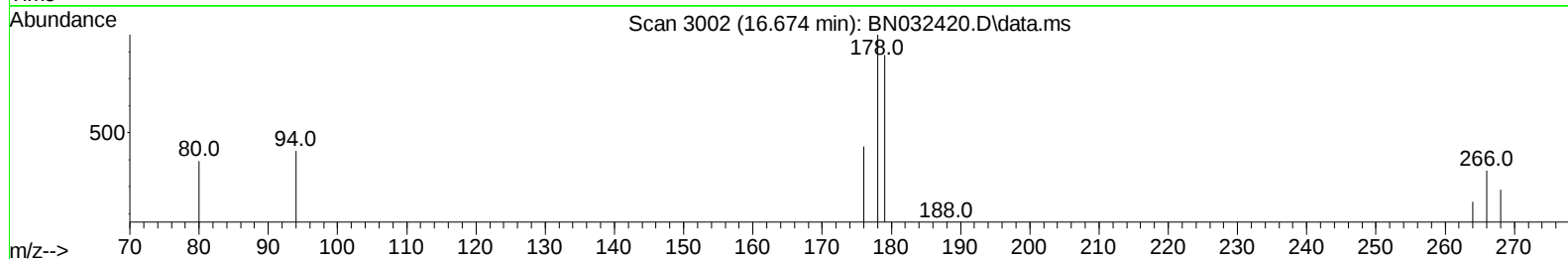
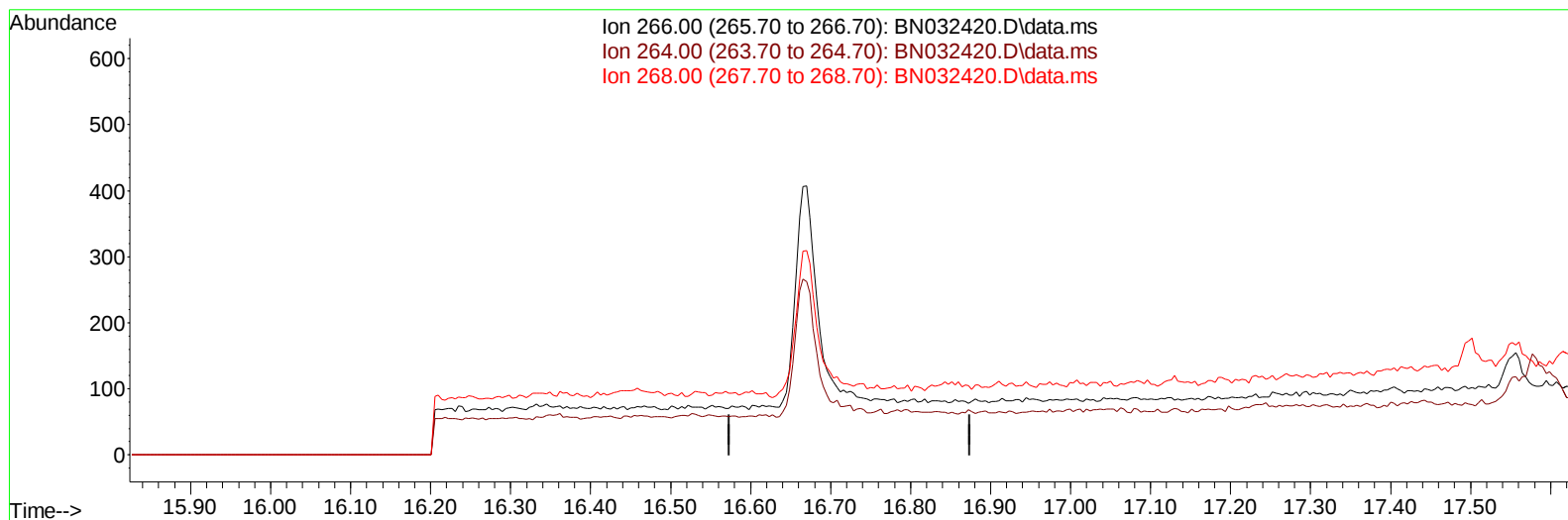
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(14) Pentachloropheno1

16.674min (-16.674) 0.00 ng/u1

response 0

Ion	Exp%	Act%
266.00	100.00	0.00
264.00	62.40	0.00#
268.00	65.50	0.00#
0.00	0.00	0.00

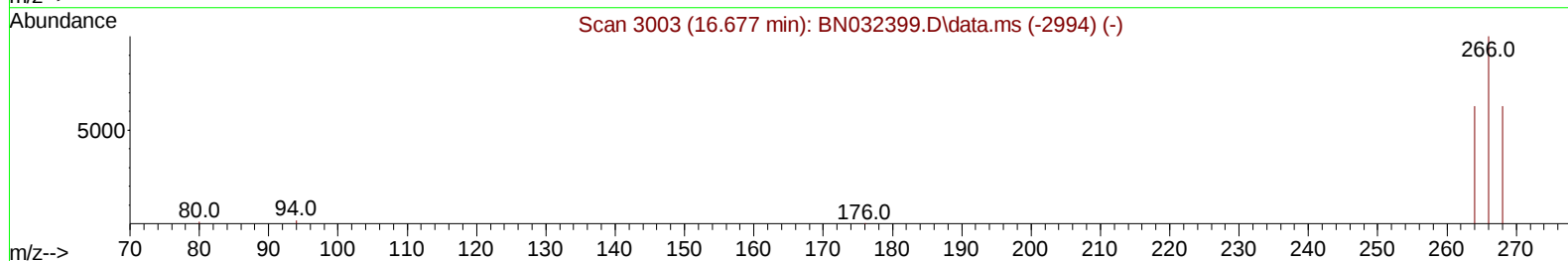
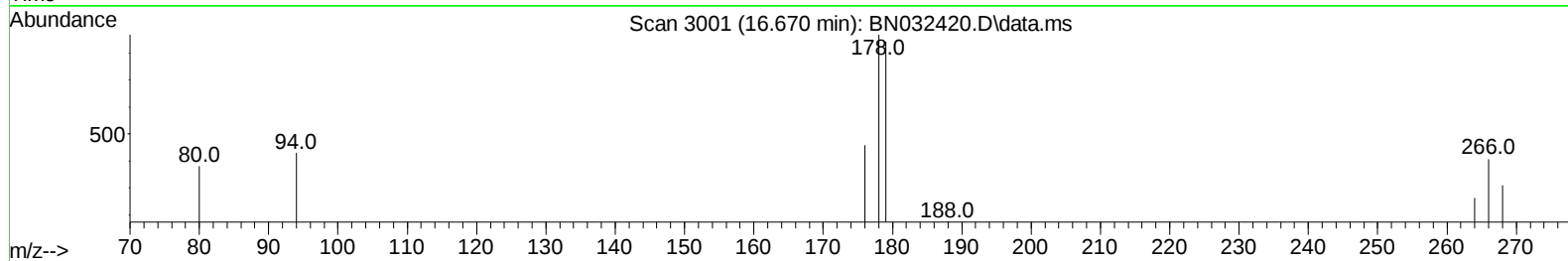
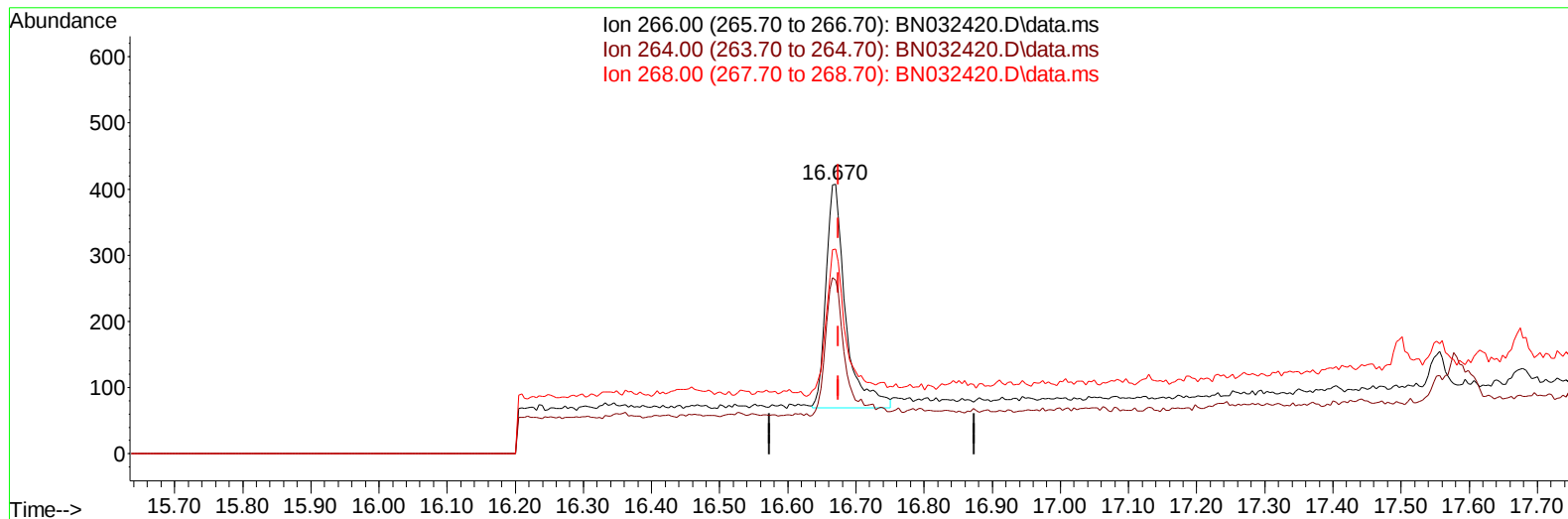
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.10 ng/ul m

response 680

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	0.00#
0.00	0.00	0.00

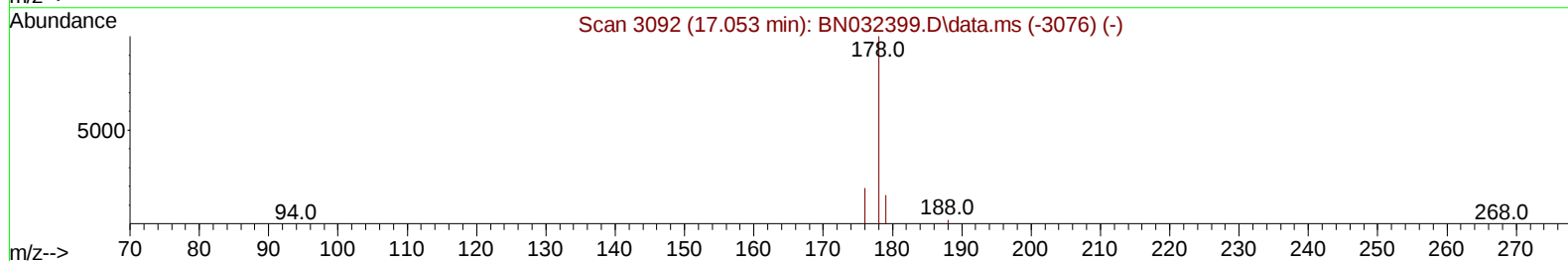
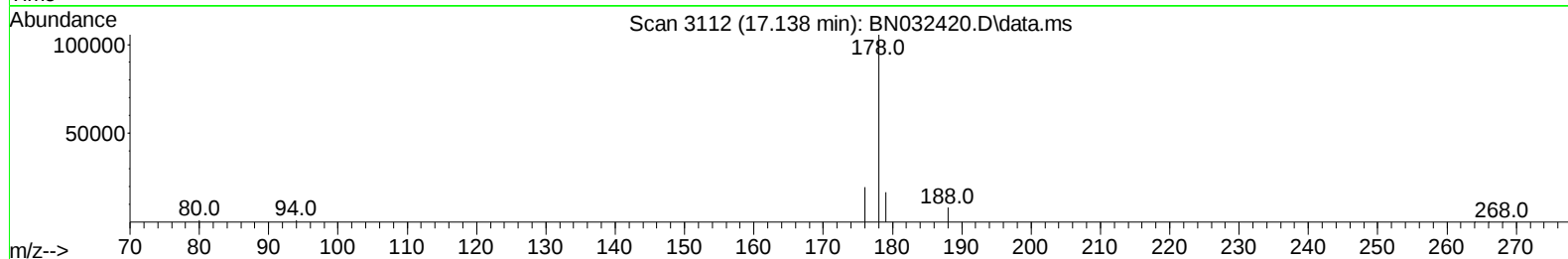
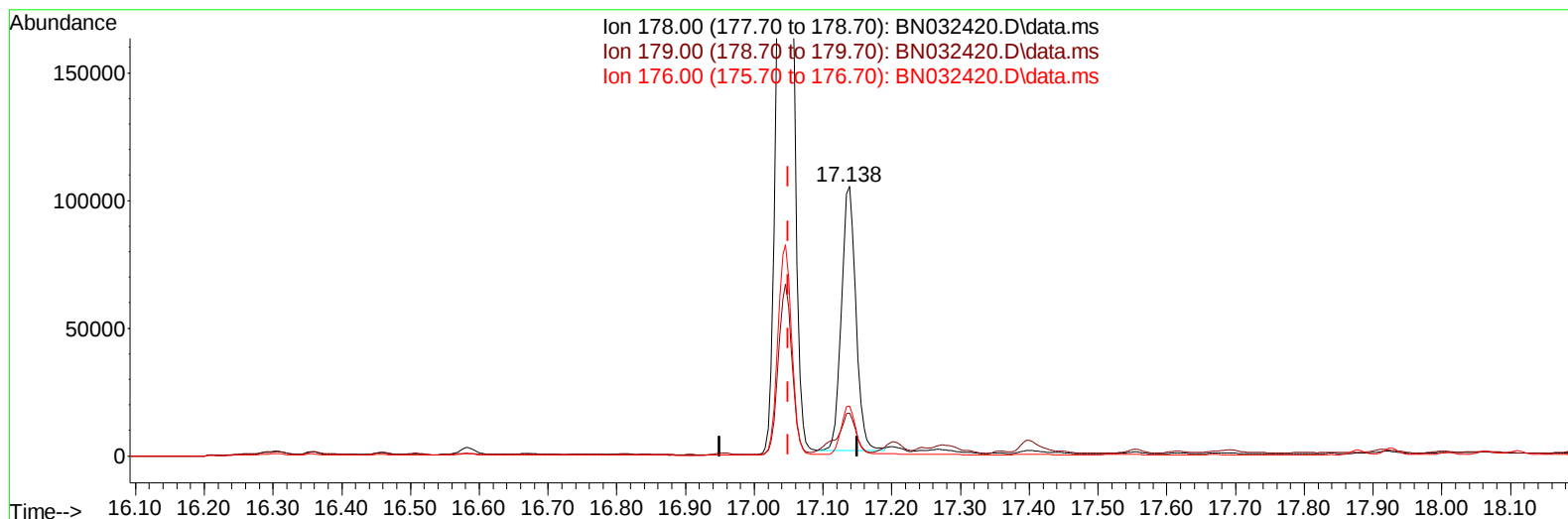
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032420.D
 Acq On : 03 Jul 2024 03:23
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(15) Phenanthrene

17.138min (+ 0.089) 1.84 ng/u1

response 151198

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.99
176.00	19.50	18.54
0.00	0.00	0.00

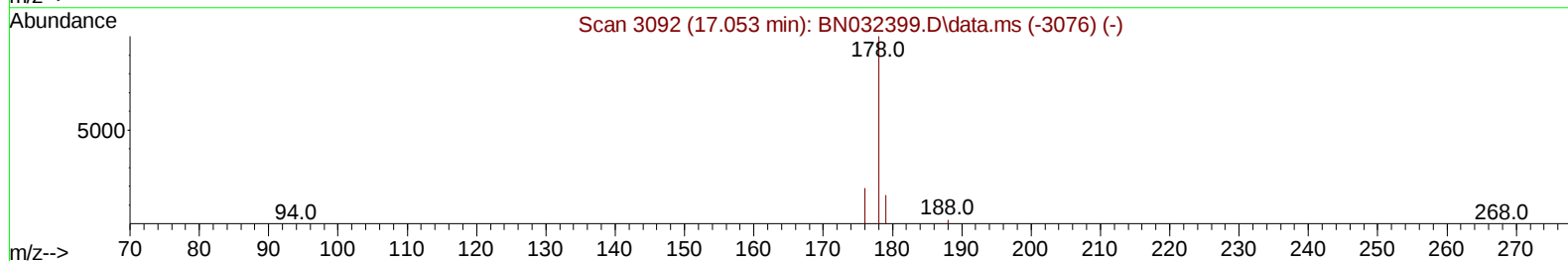
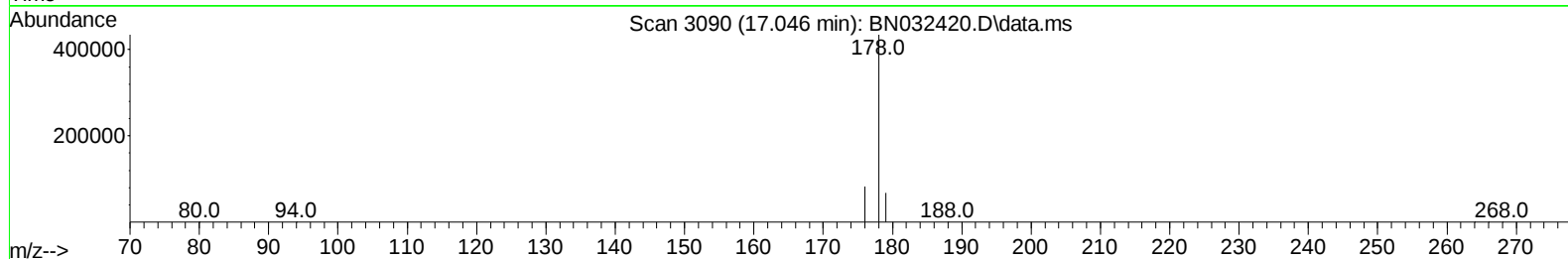
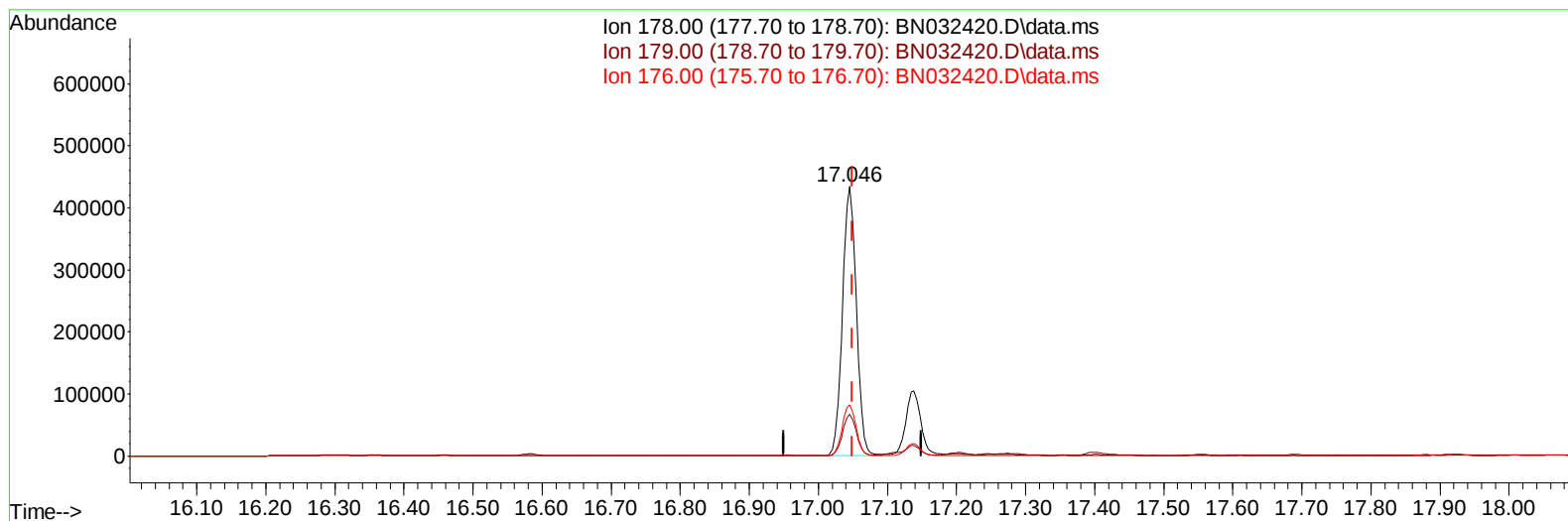
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 7.35 ng/u1 m

response 604162

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.52
176.00	19.50	19.04
0.00	0.00	0.00

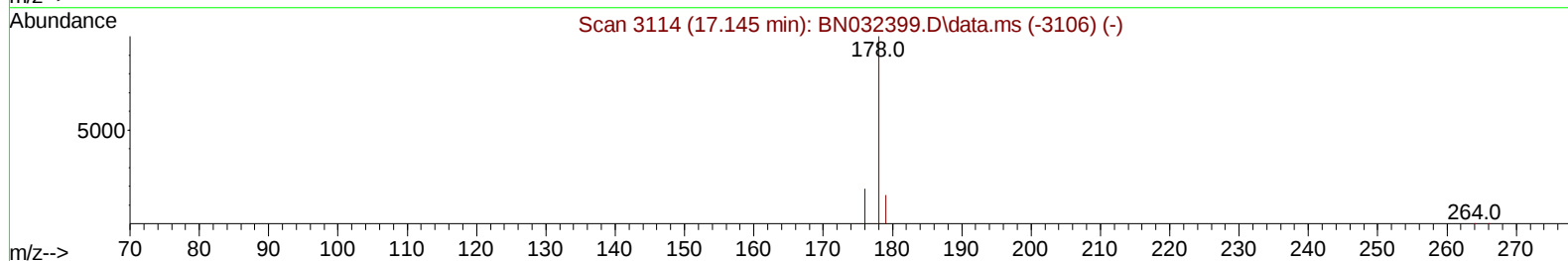
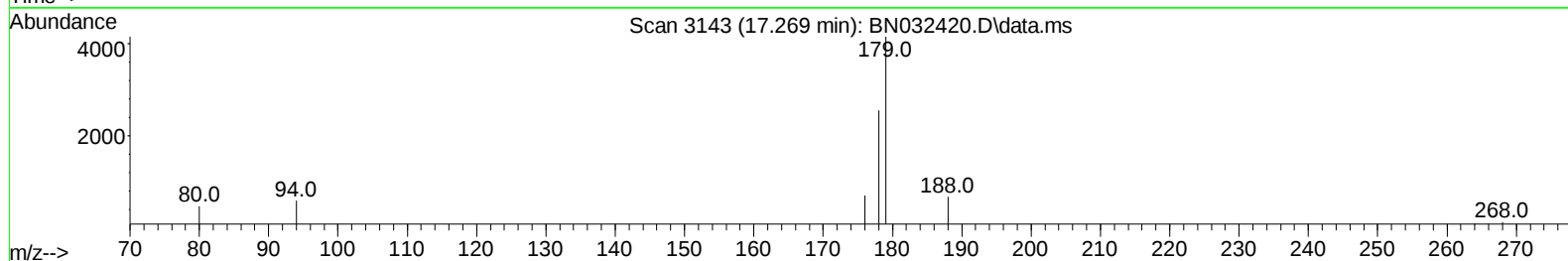
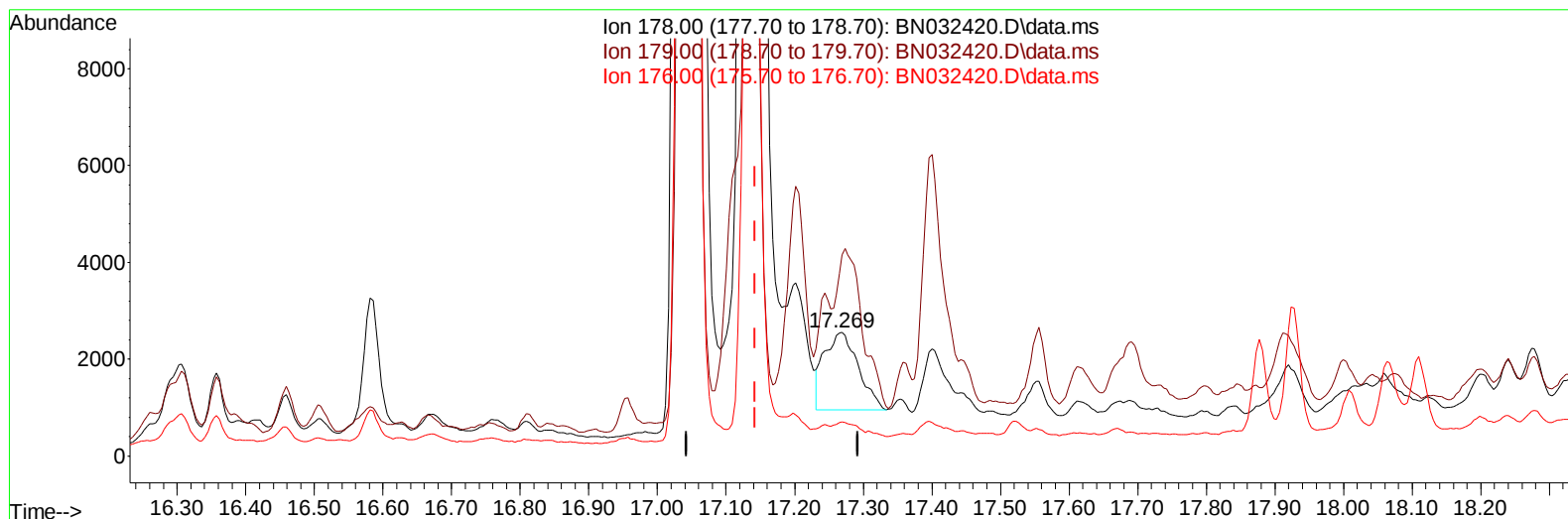
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(16) Anthracene

17.269min (+ 0.127) 0.07 ng/u1

response 5482

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	162.99#
176.00	18.80	27.51#
0.00	0.00	0.00

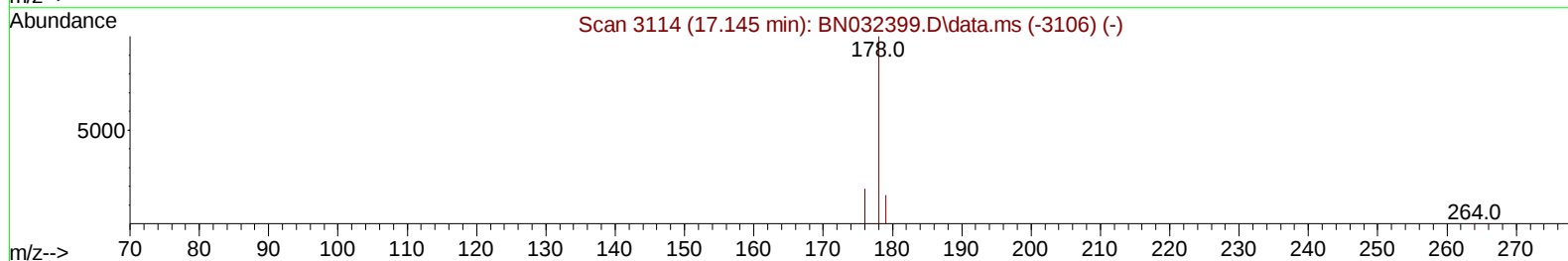
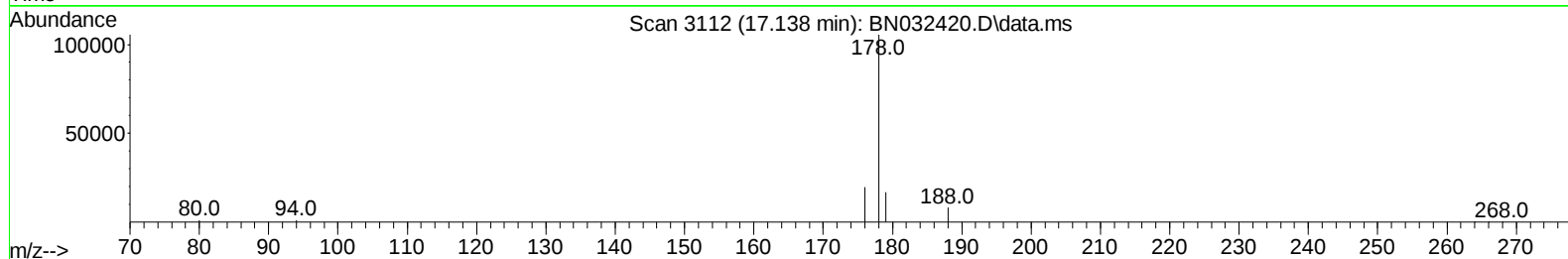
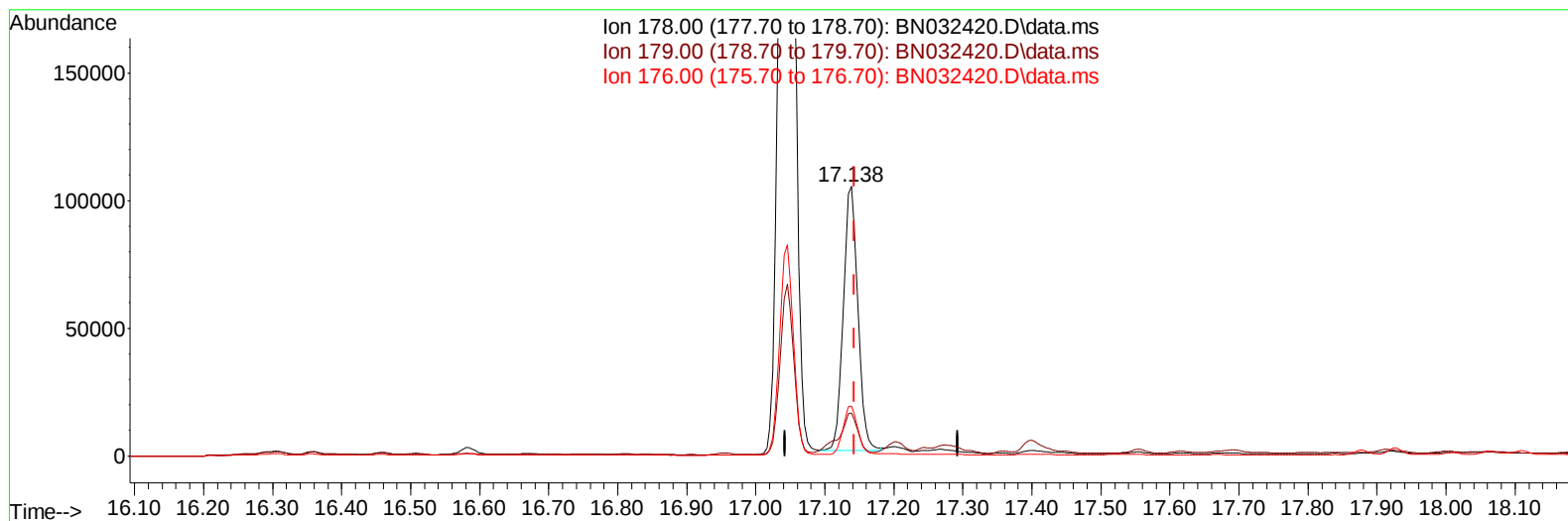
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(16) Anthracene

17.138min (-0.004) 2.06 ng/u1 m

response 151106

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.99
176.00	18.80	18.54
0.00	0.00	0.00

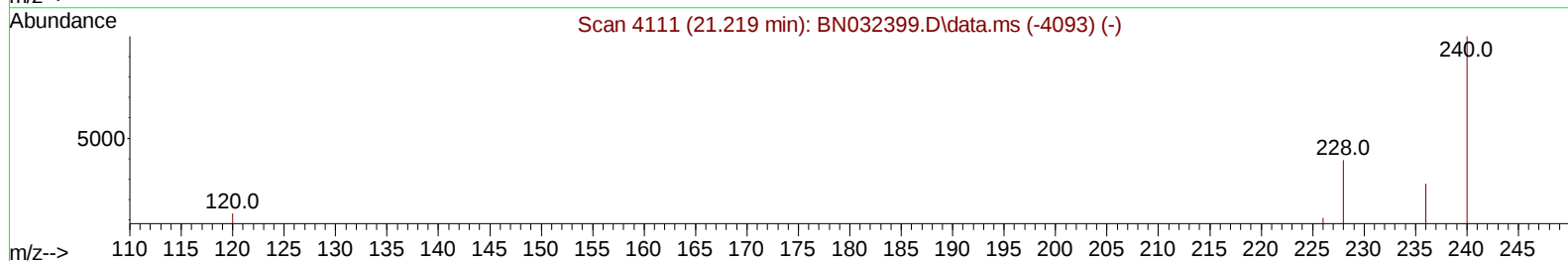
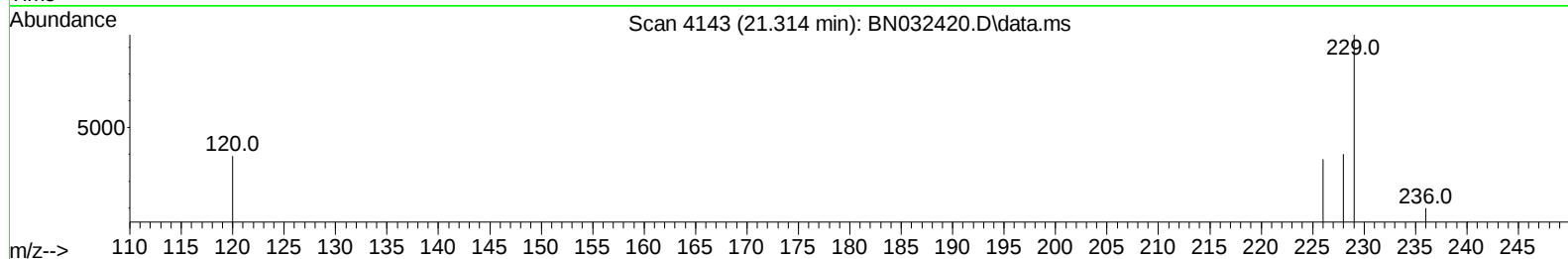
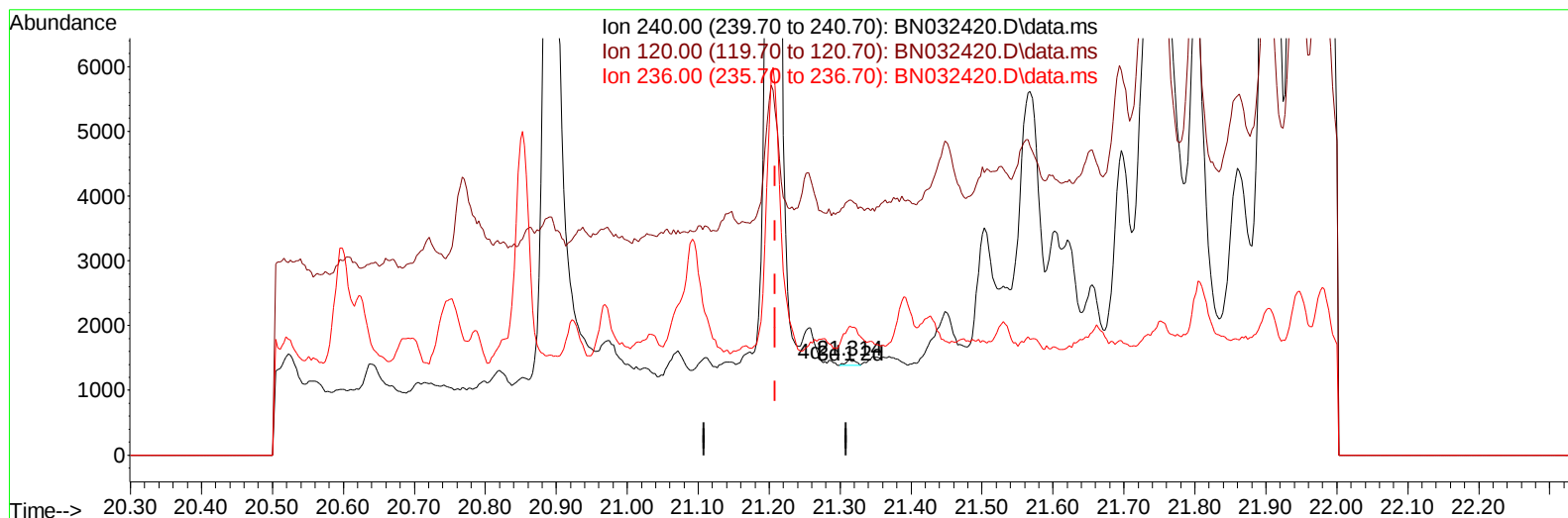
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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TIC: BN032420.D\data.ms

(17) Chrysene-d12

21.314min (+ 0.105) 0.40 ng/u1

response 74

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	268.10#
236.00	28.40	135.85#
0.00	0.00	0.00

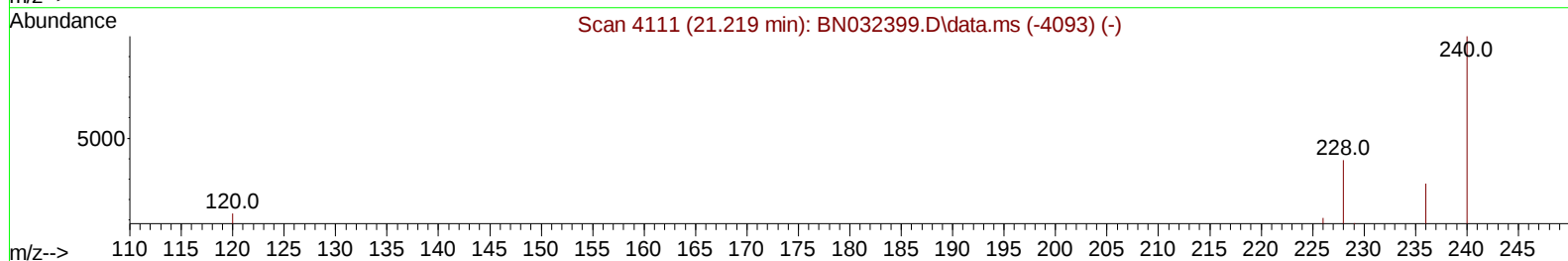
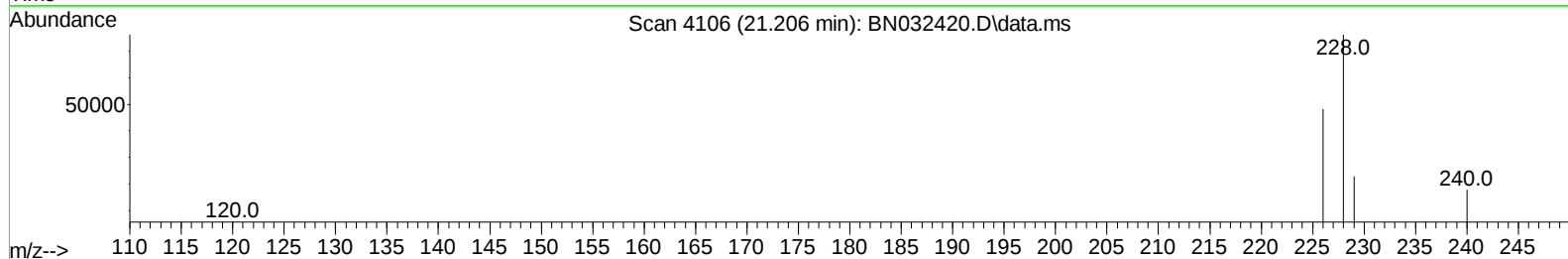
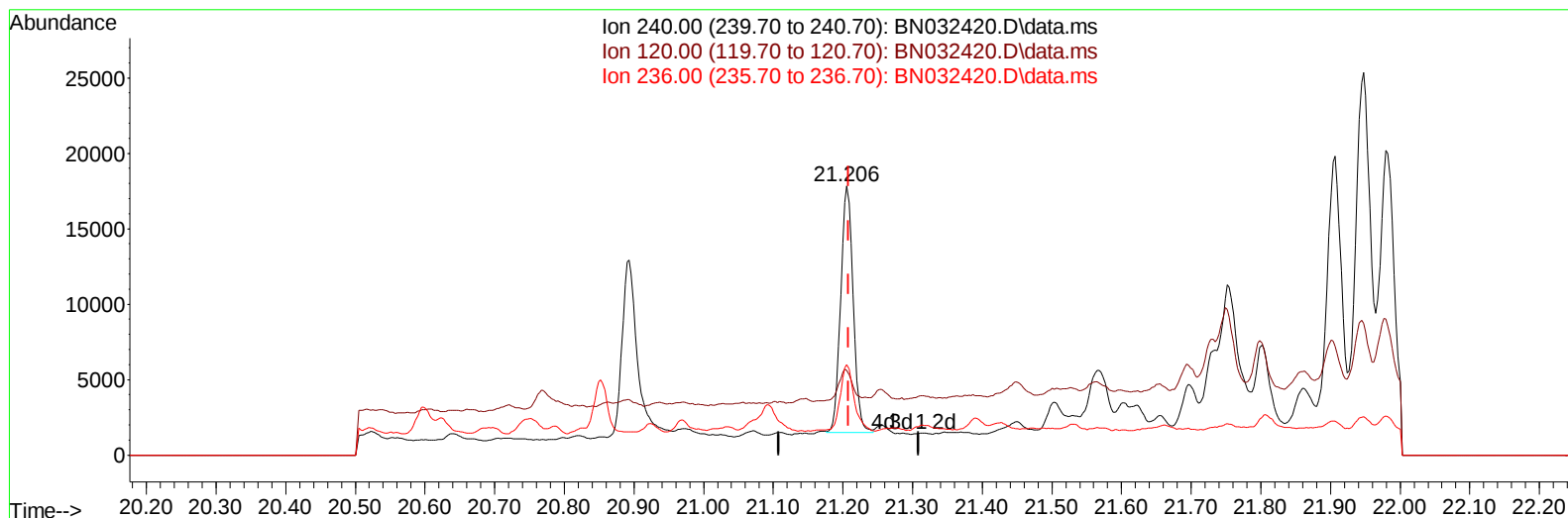
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(17) Chrysene-d12

21.206min (-0.003) 0.40 ng/ul m

response 20245

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	31.60#
236.00	28.40	33.60
0.00	0.00	0.00

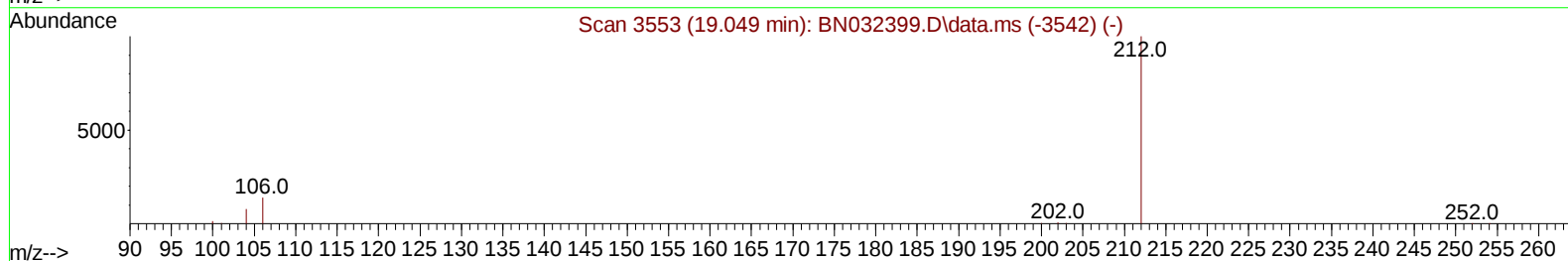
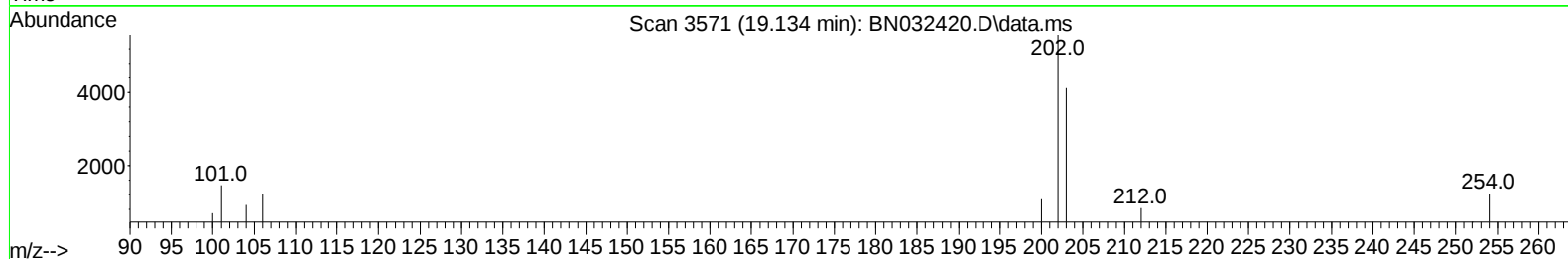
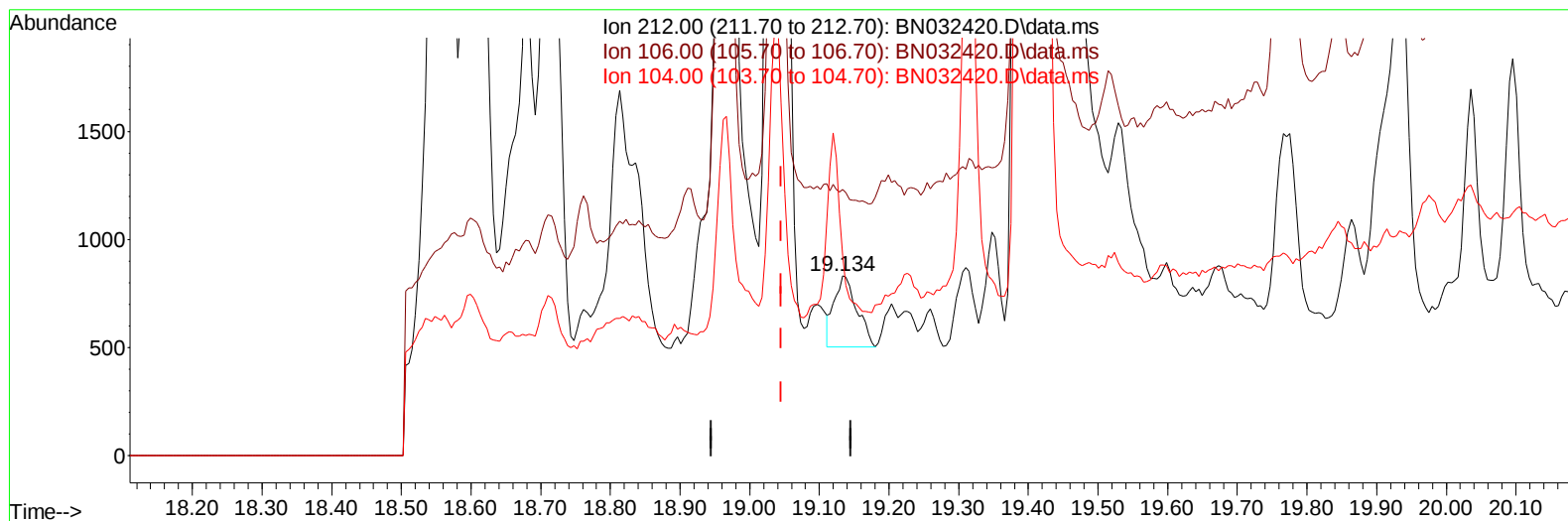
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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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TIC: BN032420.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.088) 0.01 ng/u1

response 738

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	170.05#
0.00	0.00	0.00

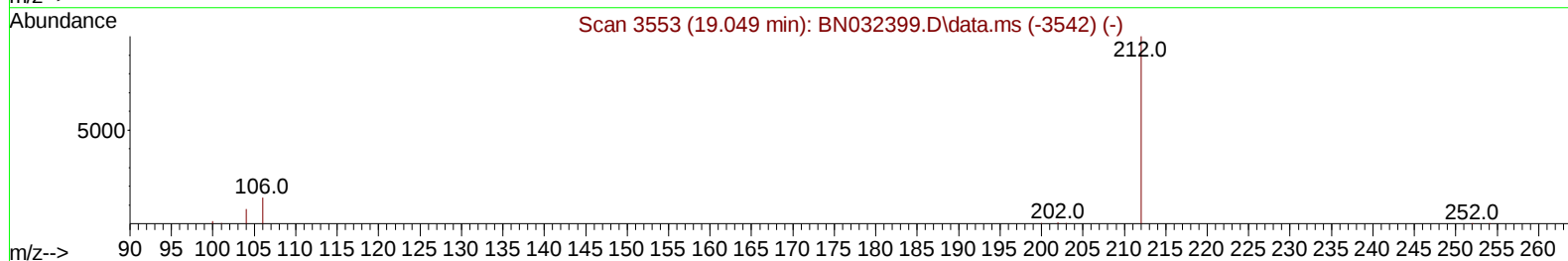
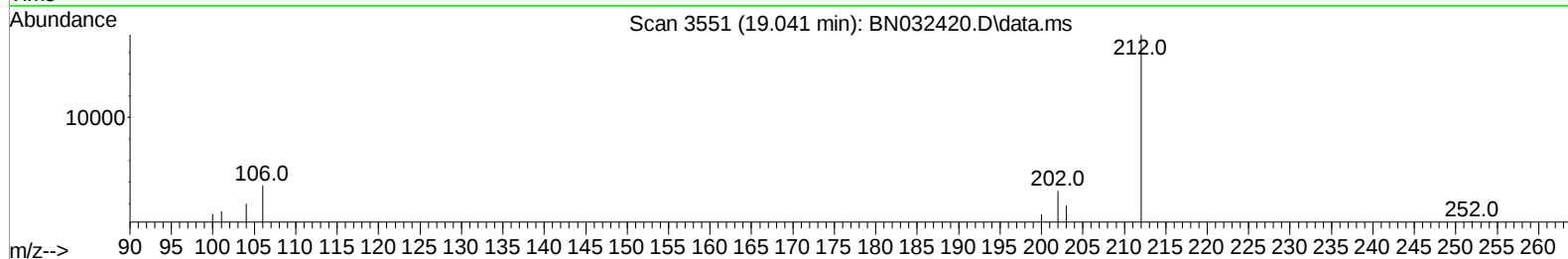
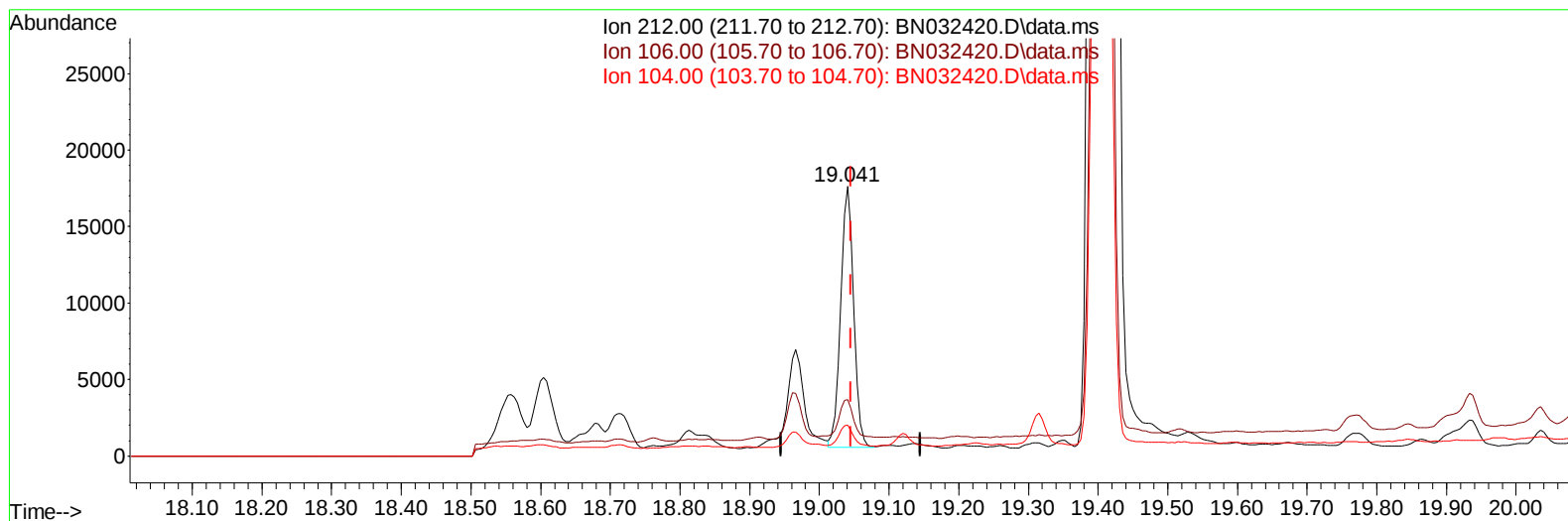
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.37 ng/u1 m

response 22350

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	5.62#
0.00	0.00	0.00

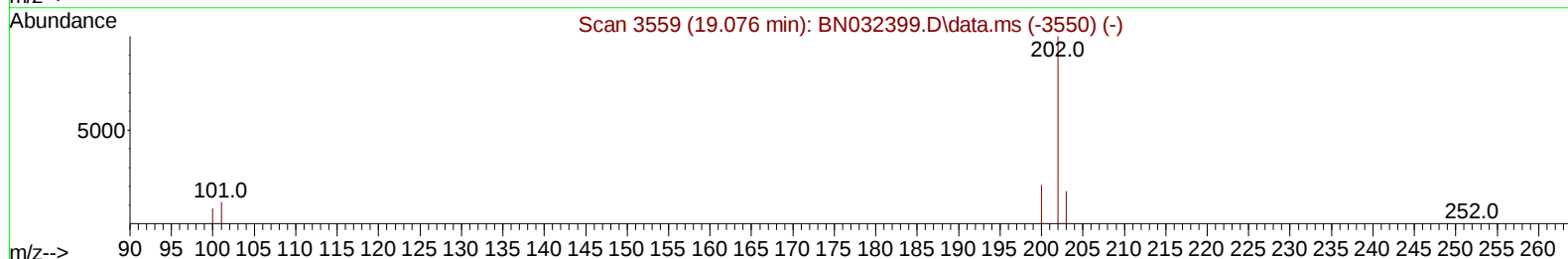
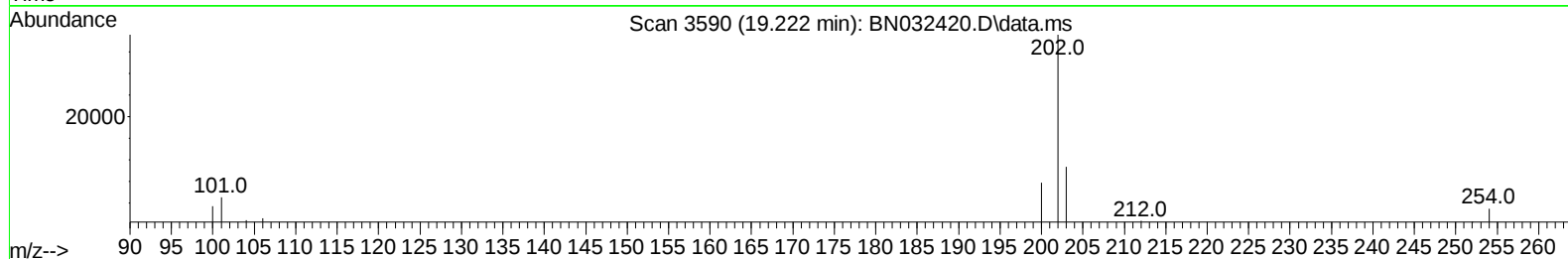
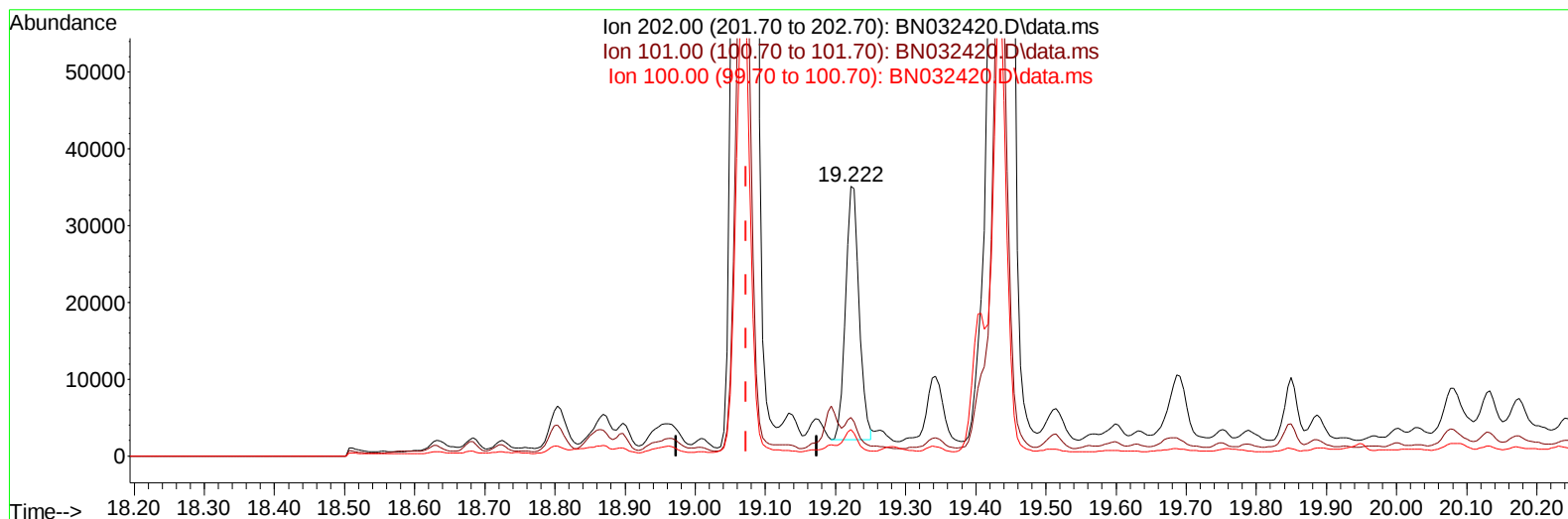
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032420.D
 Acq On : 03 Jul 2024 03:23
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.58 ng/u1

response 44621

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	14.31#
100.00	8.00	9.78#
0.00	0.00	0.00

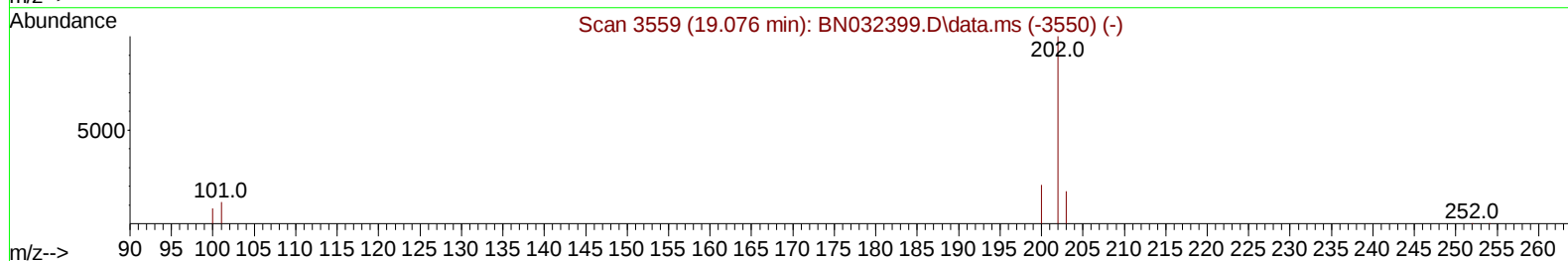
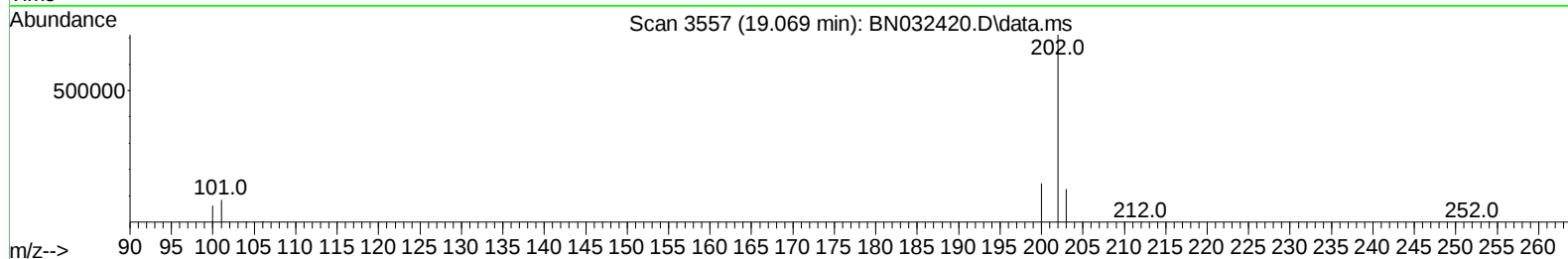
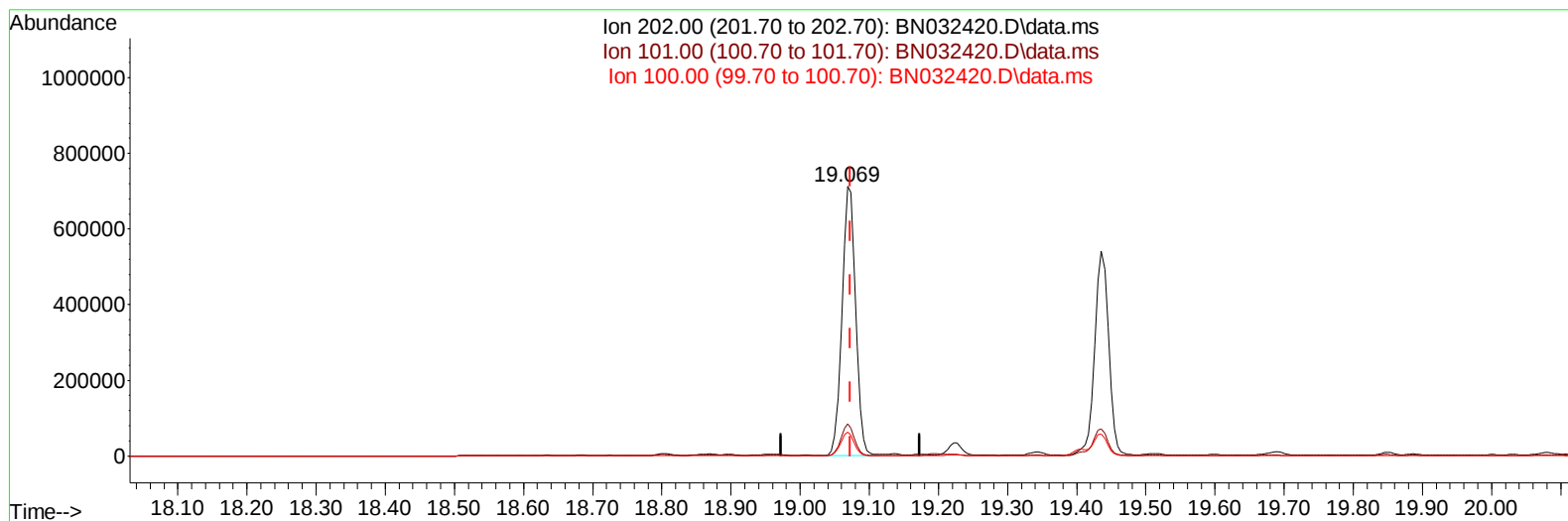
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.005) 12.69 ng/ul m

response 978277

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.92
100.00	8.00	8.98
0.00	0.00	0.00

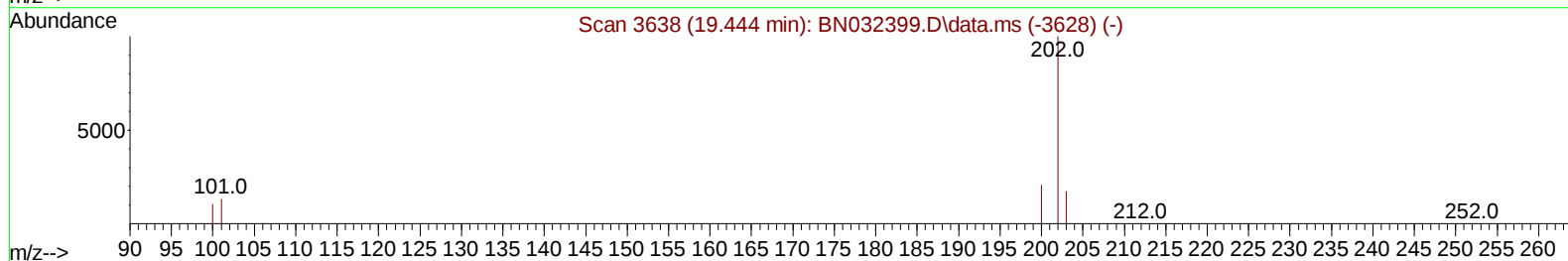
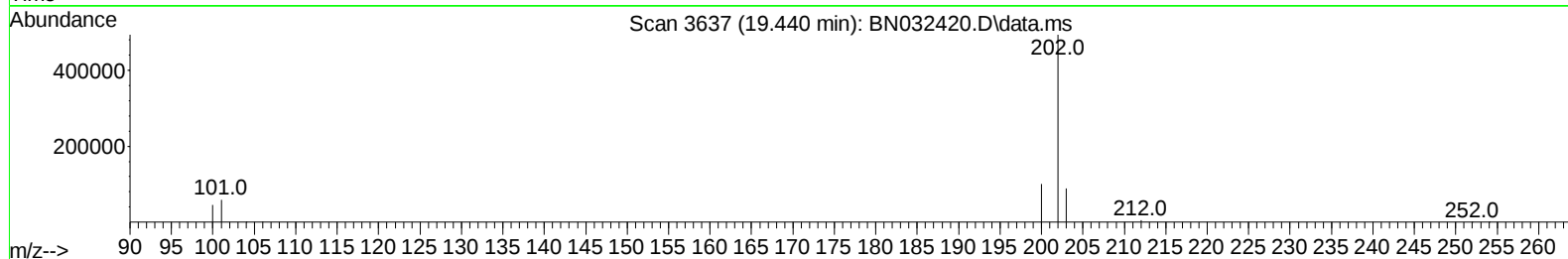
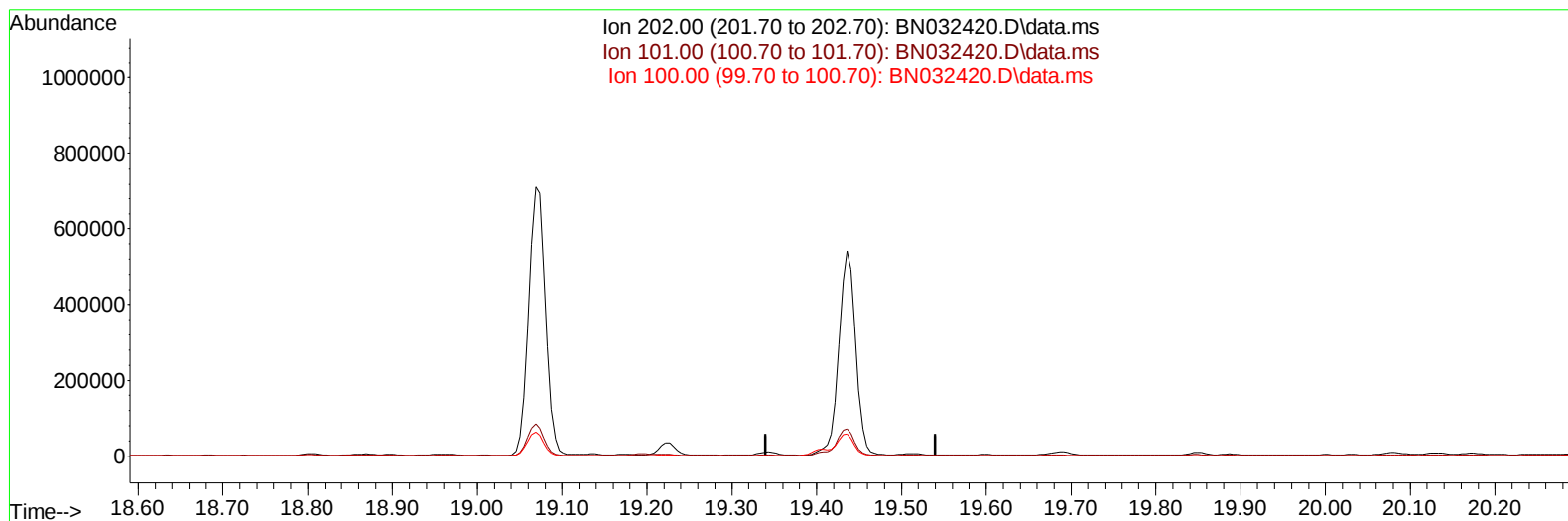
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.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

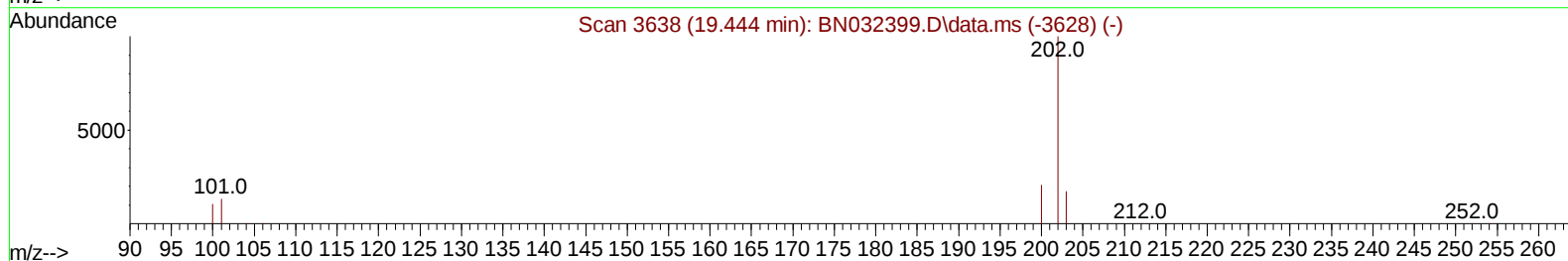
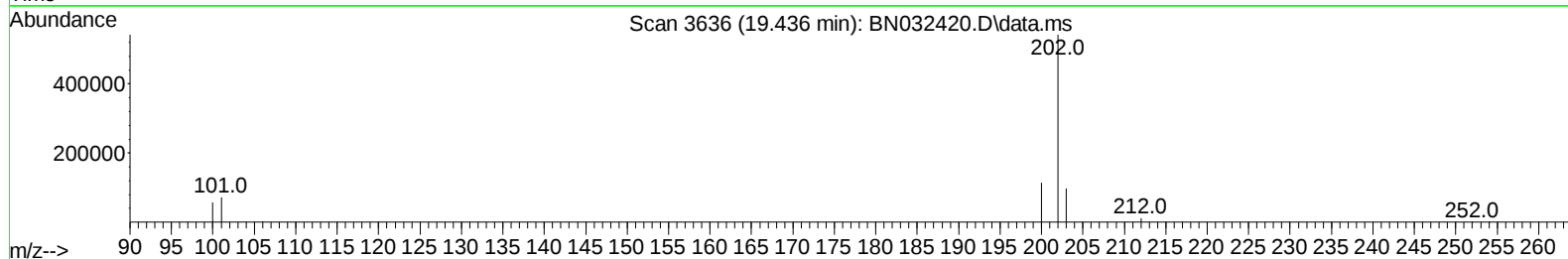
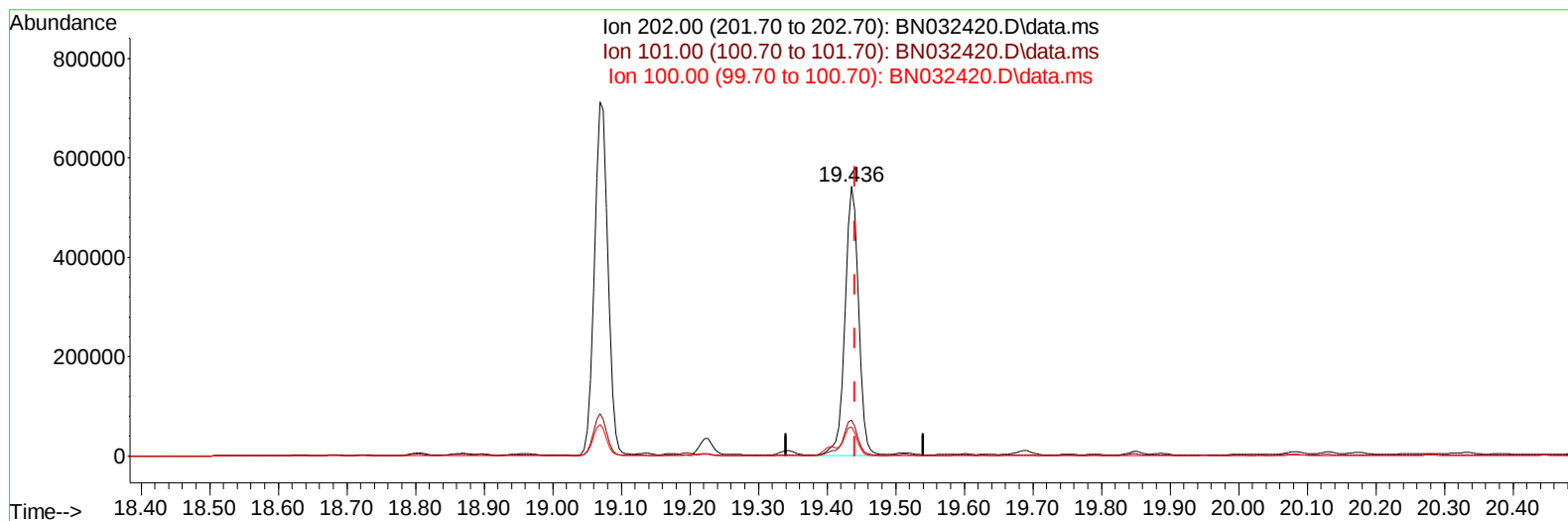
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(20) Pyrene

19.436min (-0.005) 9.31 ng/ul m

response 750390

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.35
100.00	10.90	10.72
0.00	0.00	0.00

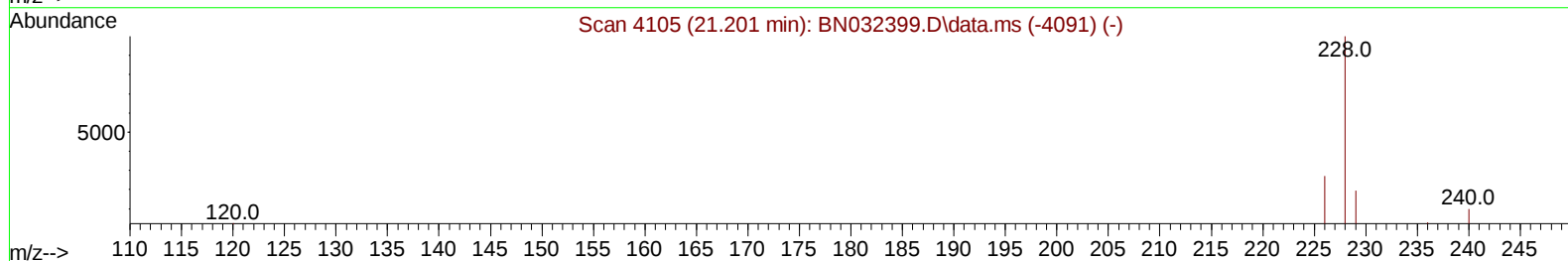
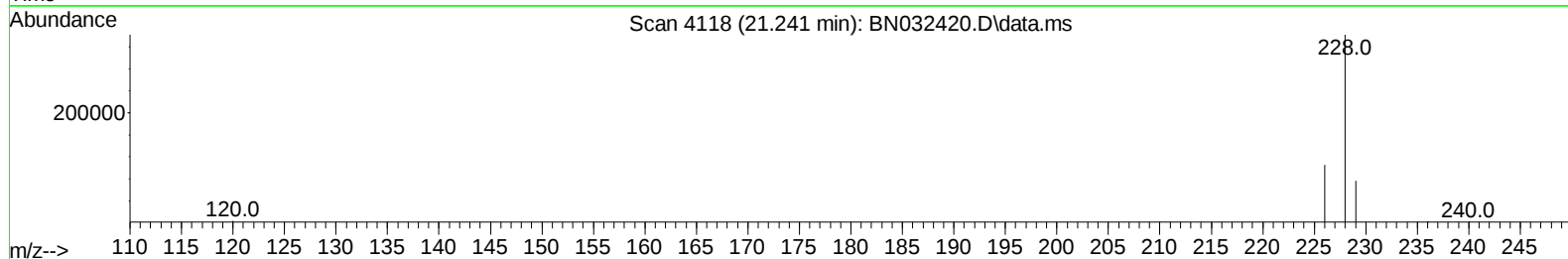
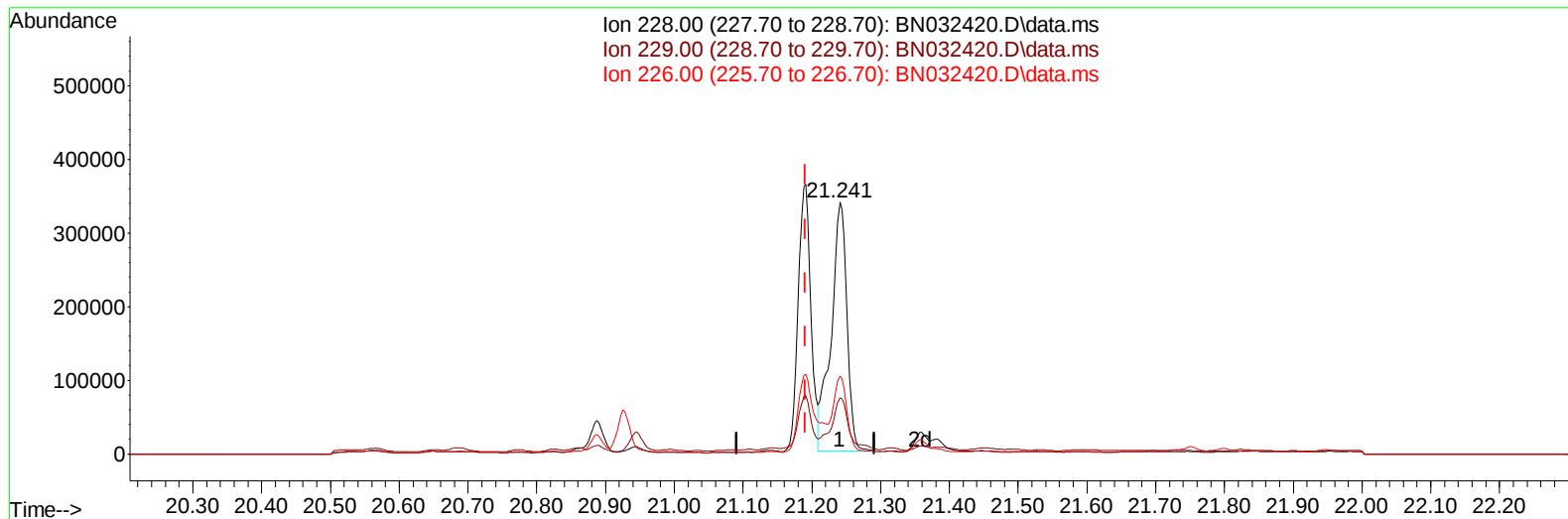
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(21) Benzo(a)anthracene

21.241min (+ 0.050) 7.43 ng/u1

response 542952

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.46
226.00	27.30	30.85
0.00	0.00	0.00

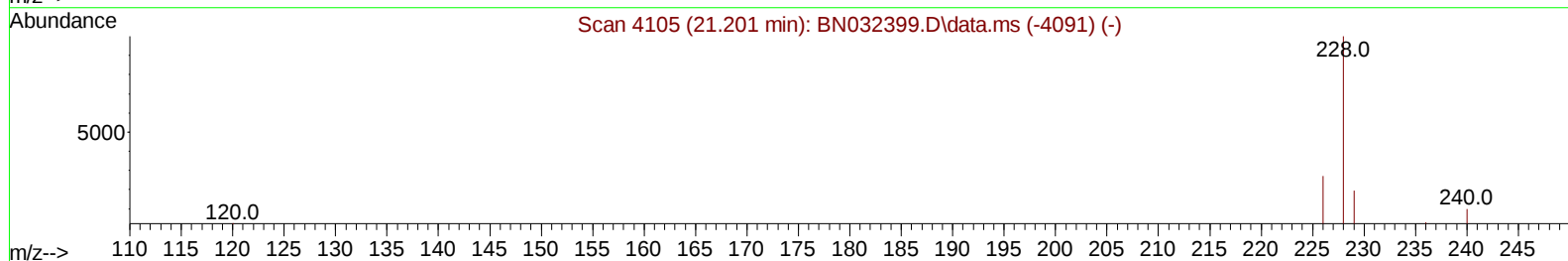
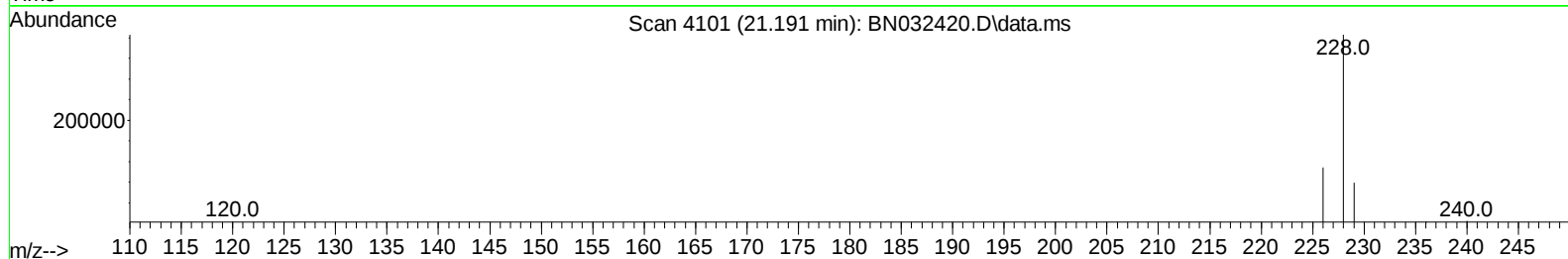
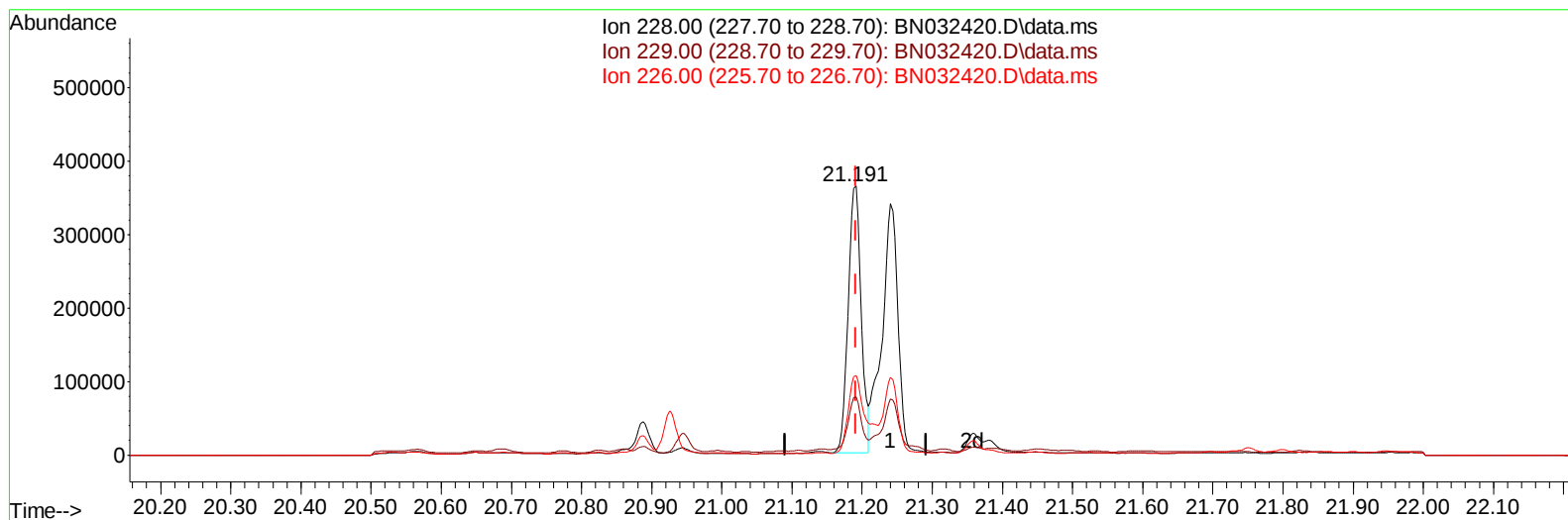
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(21) Benzo(a)anthracene

21.191min (0.000) 6.44 ng/u1 m

response 470214

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.67
226.00	27.30	29.68
0.00	0.00	0.00

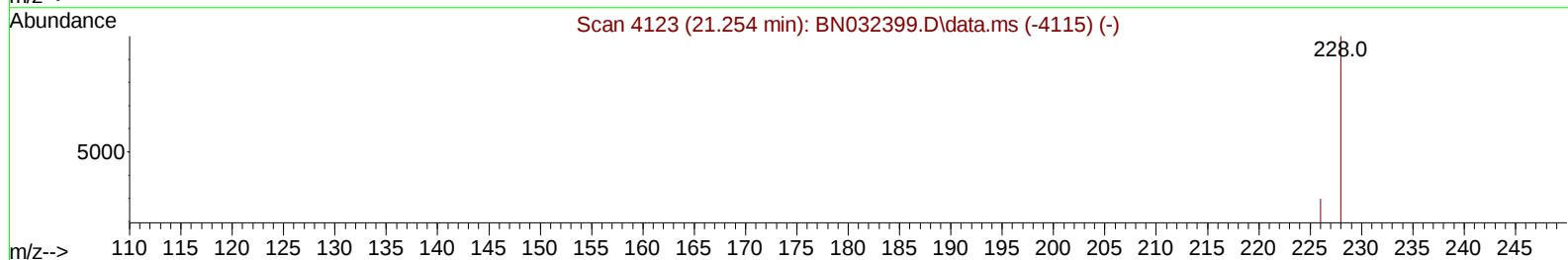
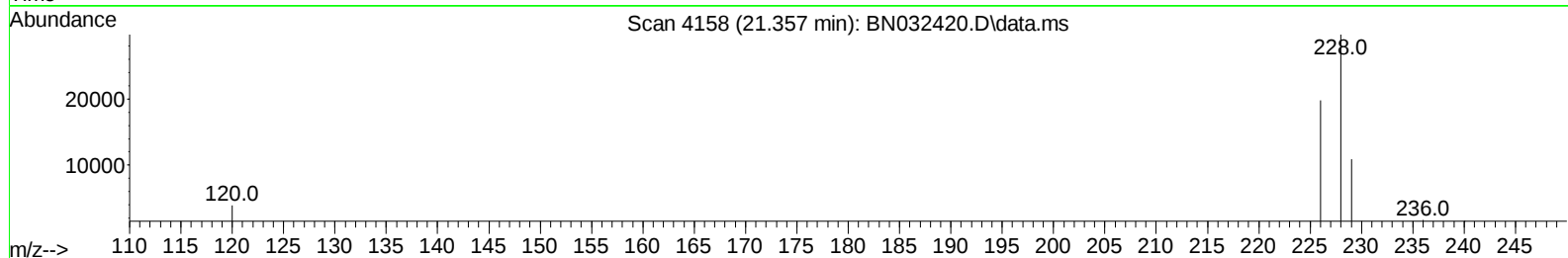
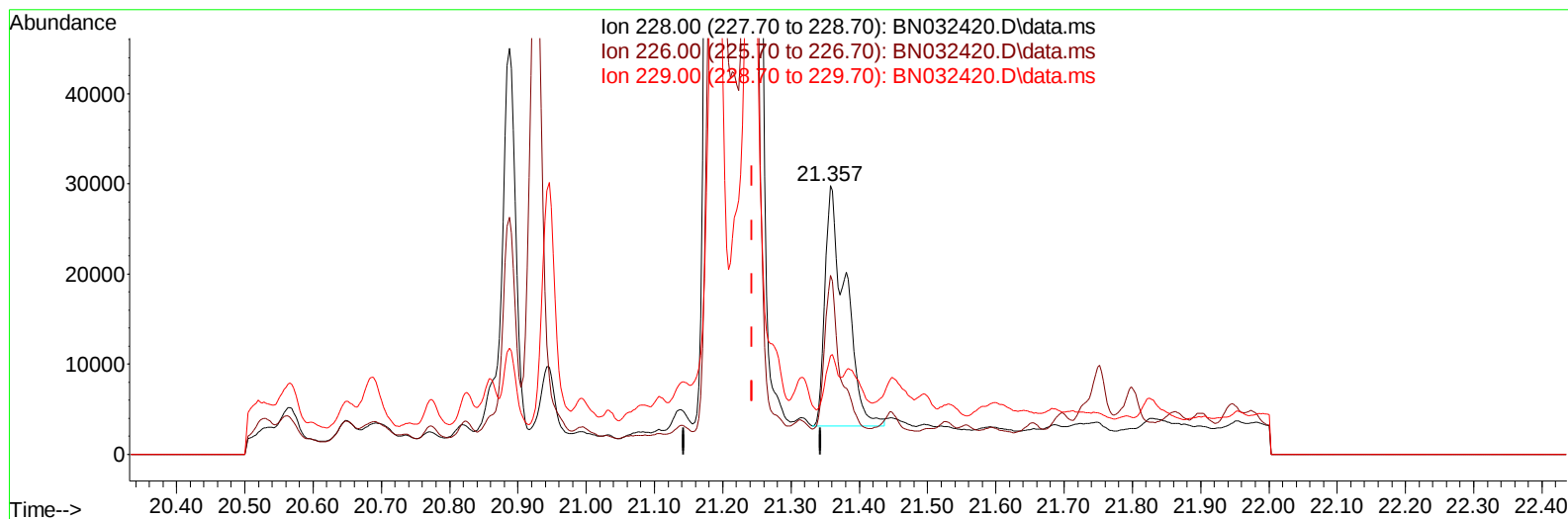
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032420.D
 Acq On : 03 Jul 2024 03:23
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(22) Chrysene

21.357min (+ 0.114) 0.70 ng/u1

response 55958

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.57#
229.00	19.60	36.58#
0.00	0.00	0.00

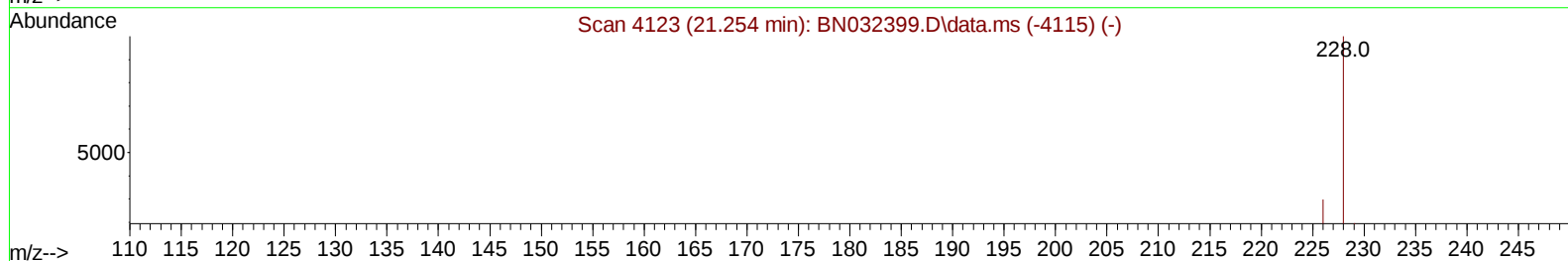
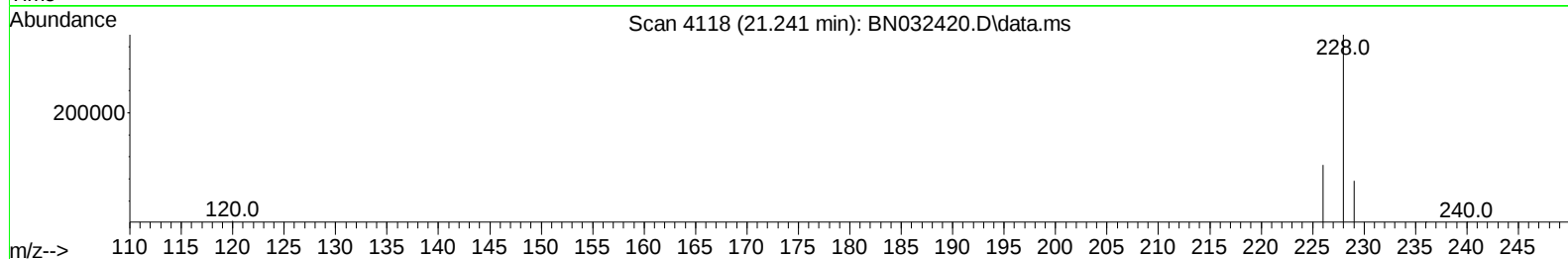
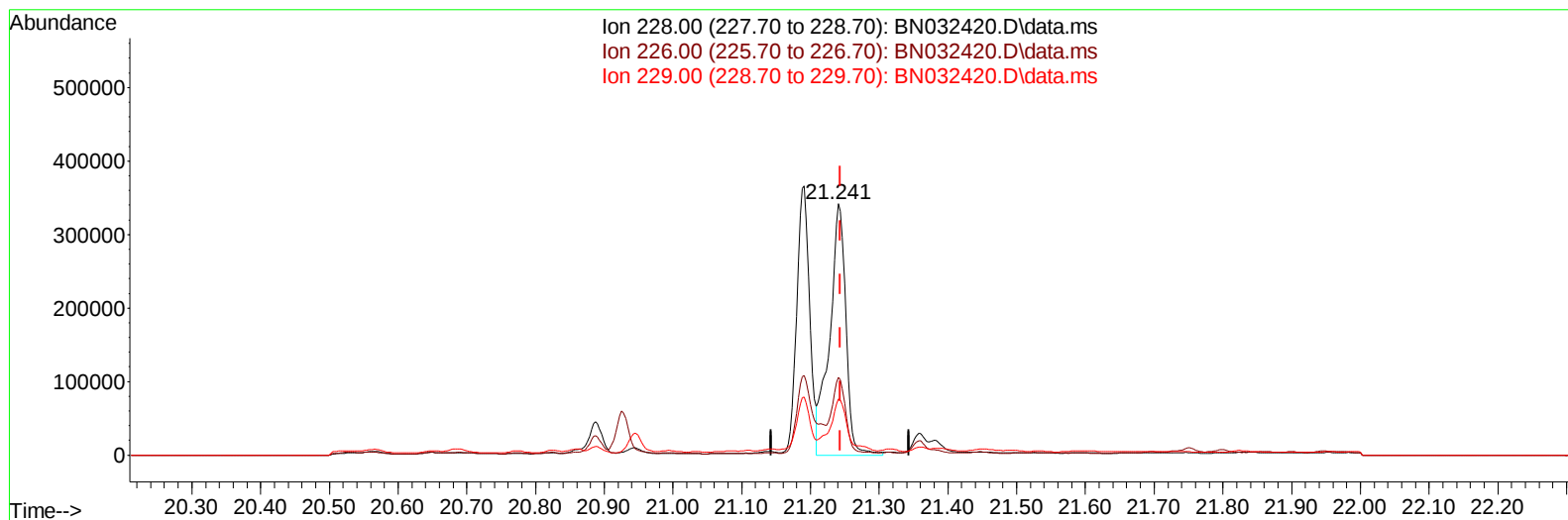
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(22) Chrysene

21.241min (-0.003) 7.03 ng/ul m

response 563815

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.85
229.00	19.60	22.46
0.00	0.00	0.00

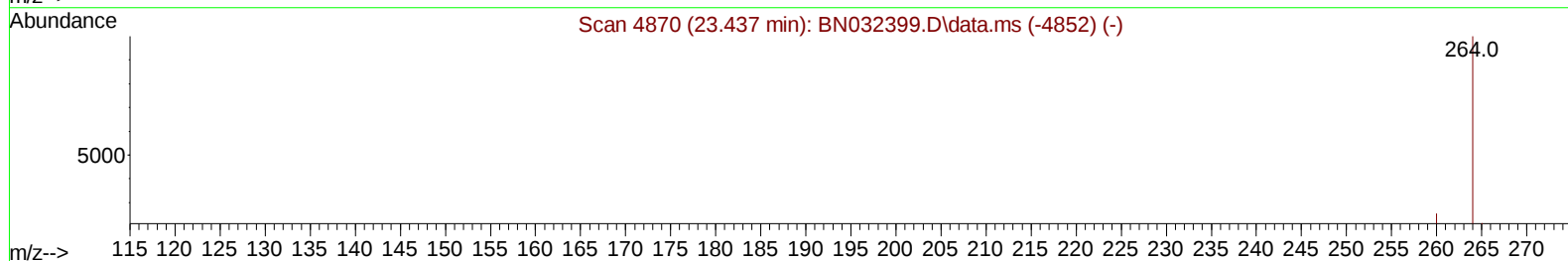
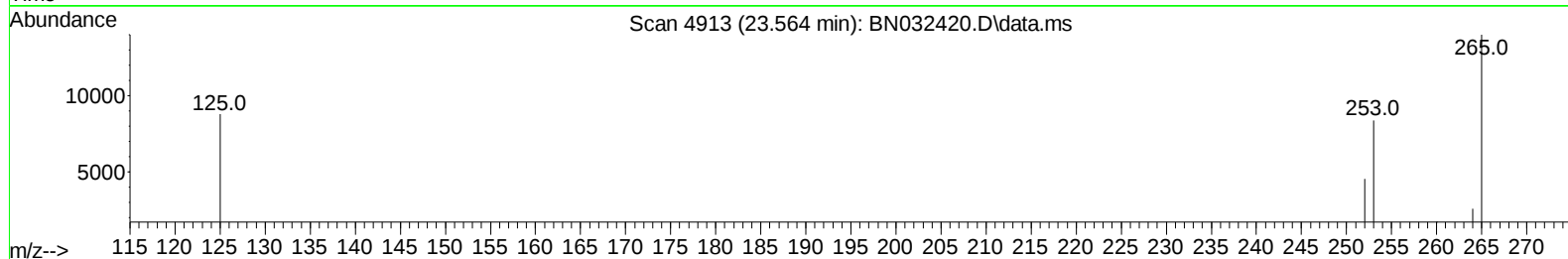
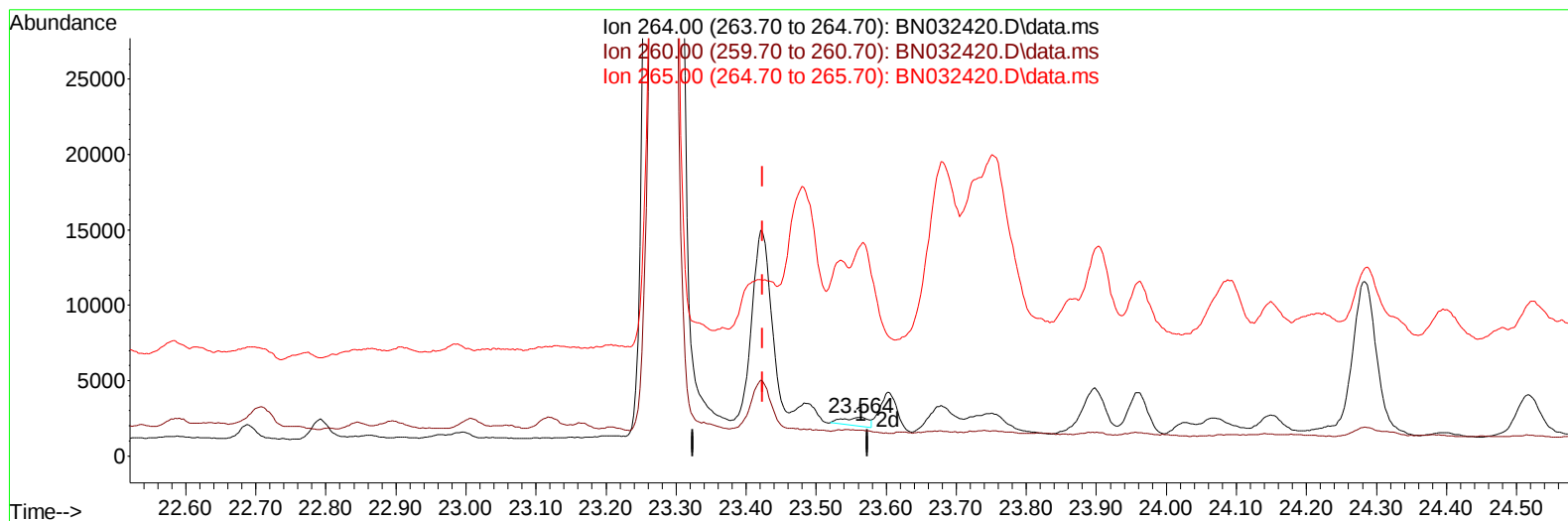
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(23) Perylene-d12 (I)

23.564min (+ 0.140) 0.40 ng/u1

response 1414

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	66.51#
265.00	67.20	543.97#
0.00	0.00	0.00

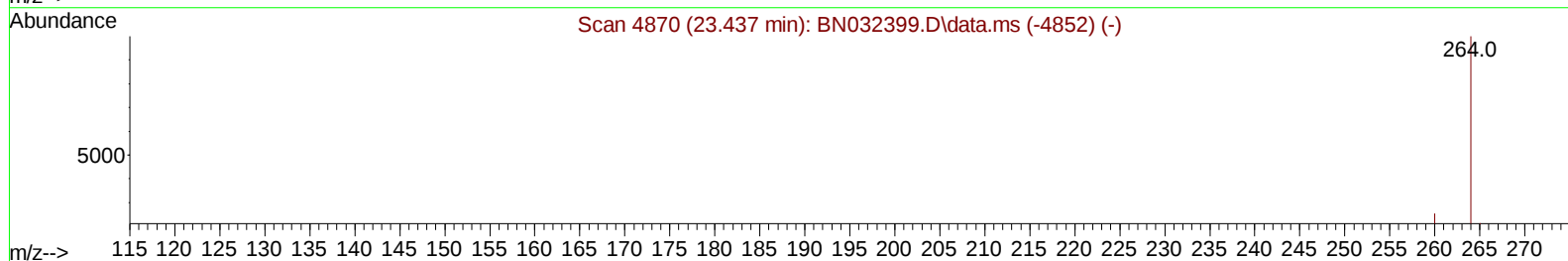
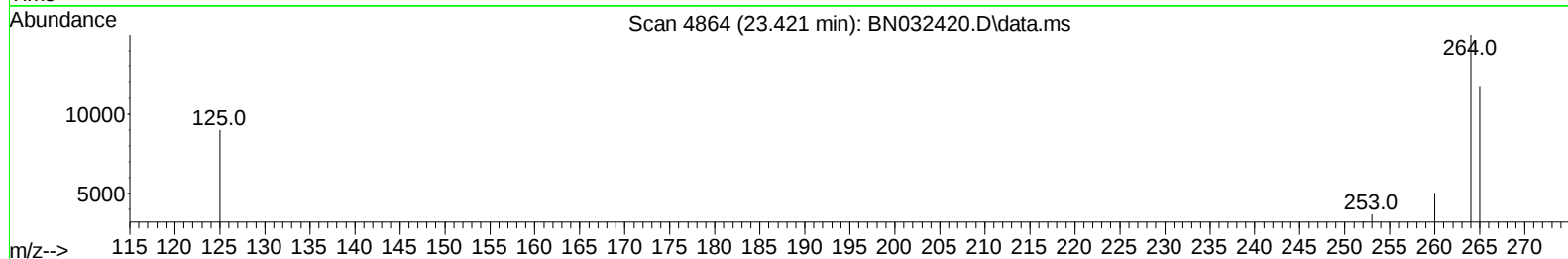
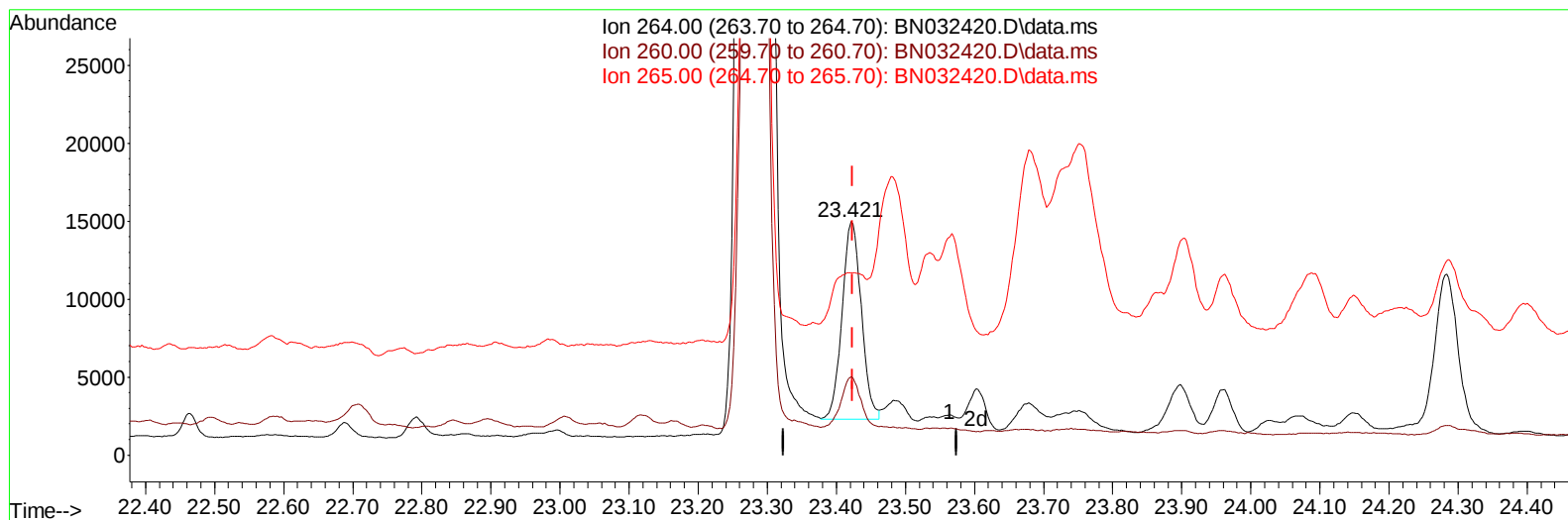
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

(23) Perylene-d12 (I)

23.421min (-0.003) 0.40 ng/ul m

response 24499

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.68#
265.00	67.20	78.15
0.00	0.00	0.00

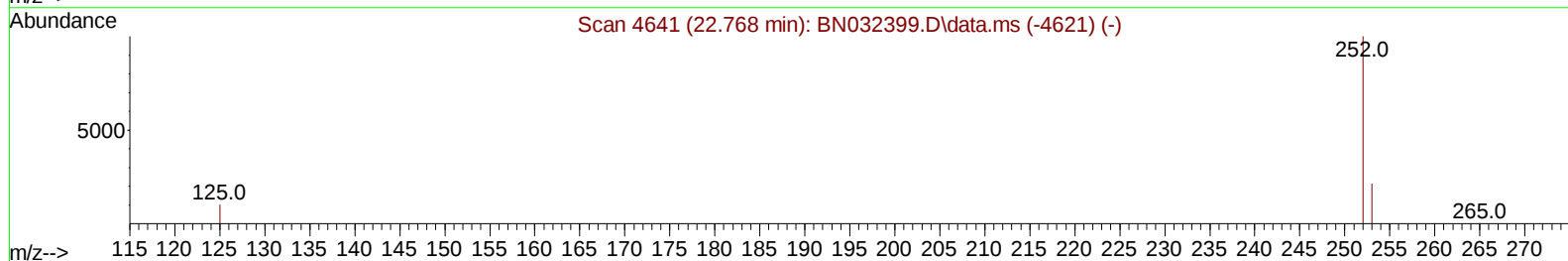
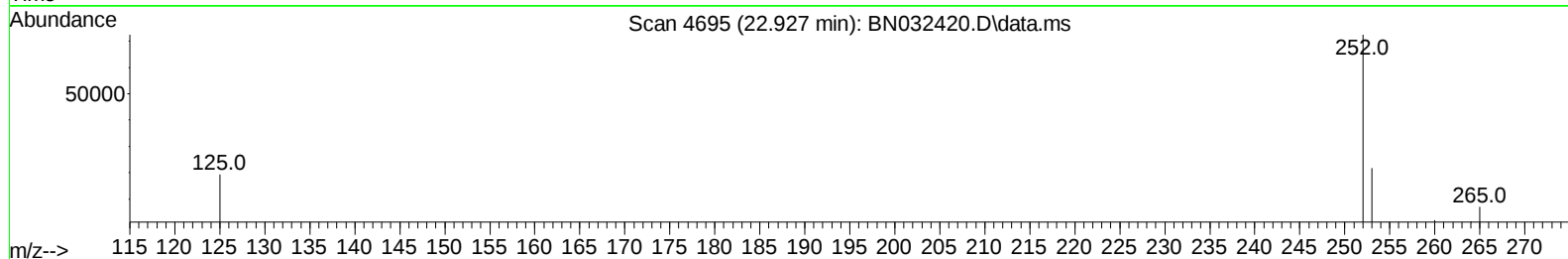
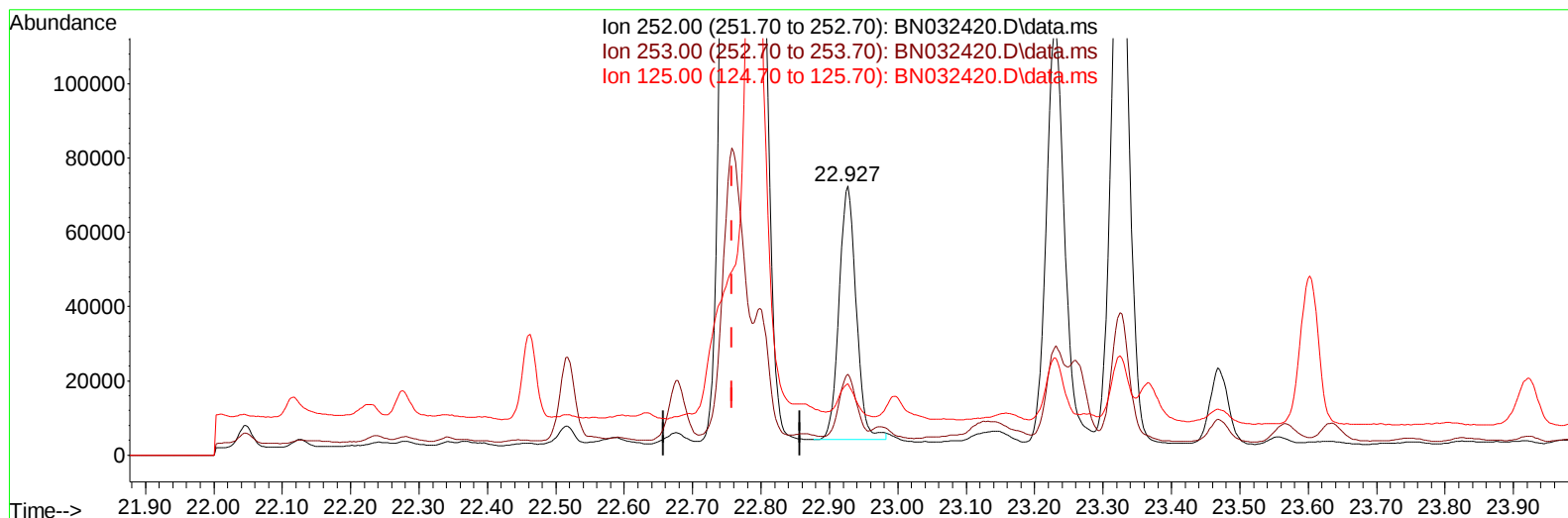
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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TIC: BN032420.D\data.ms

(24) Benzo(b)fluoranthene

22.927min (+ 0.170) 1.13 ng/u1

response 119889

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.01
125.00	16.00	26.54
0.00	0.00	0.00

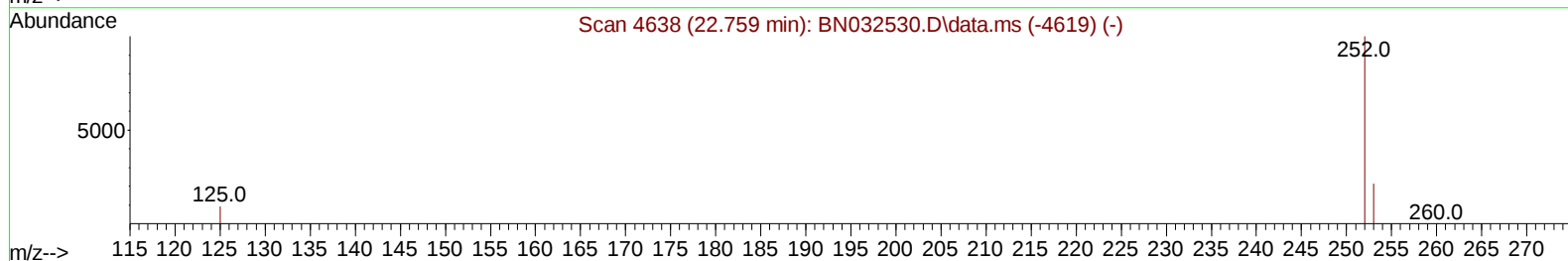
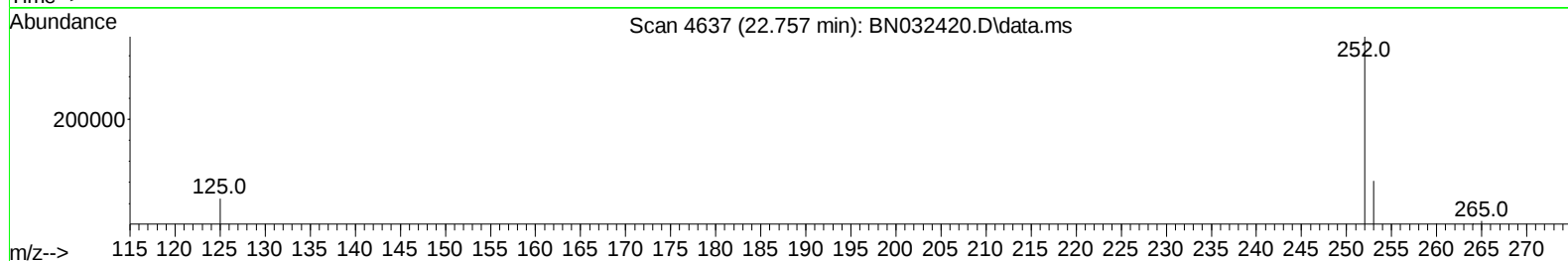
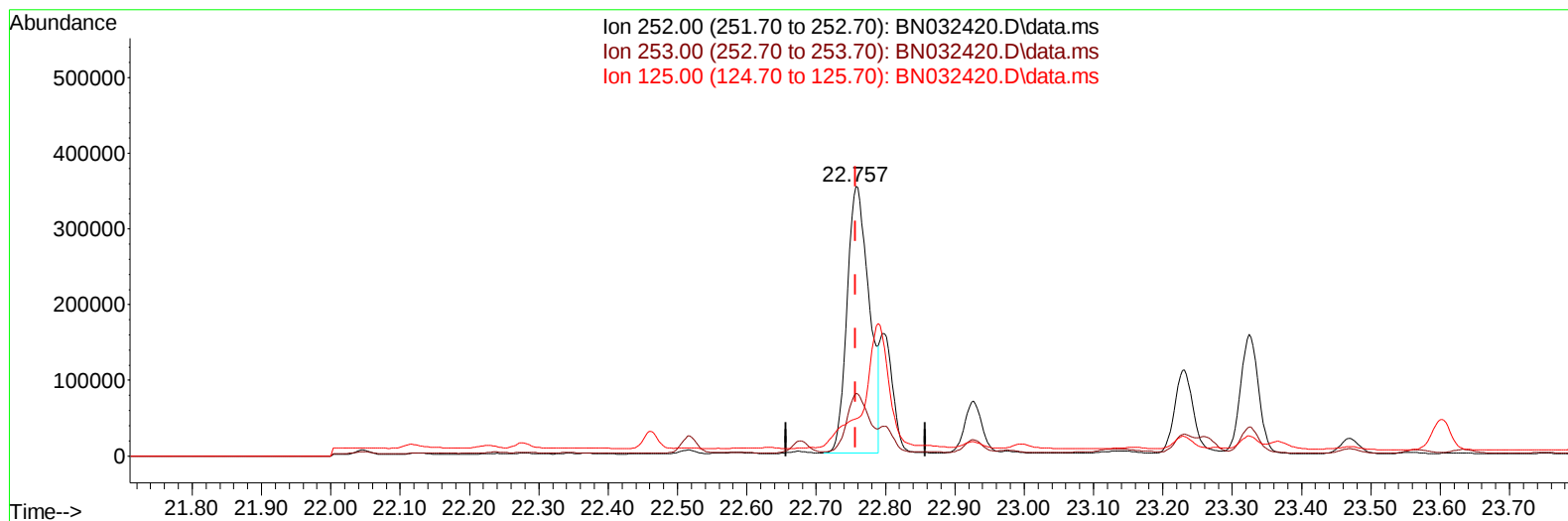
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

(24) Benzo(b)fluoranthene

22.757min (-0.000) 7.40 ng/u1 m

response 787210

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.22
125.00	16.00	13.91
0.00	0.00	0.00

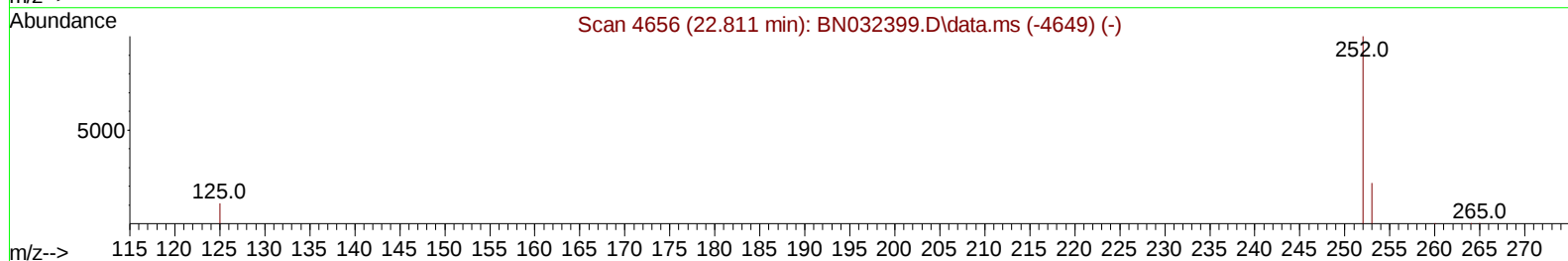
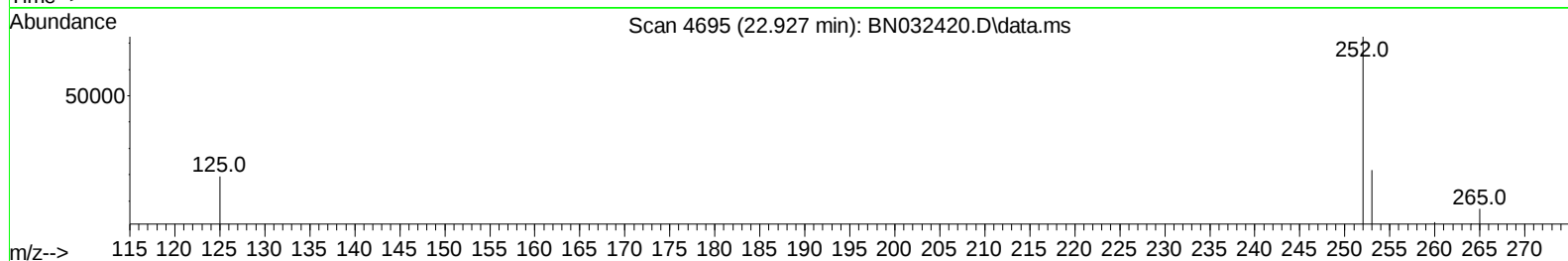
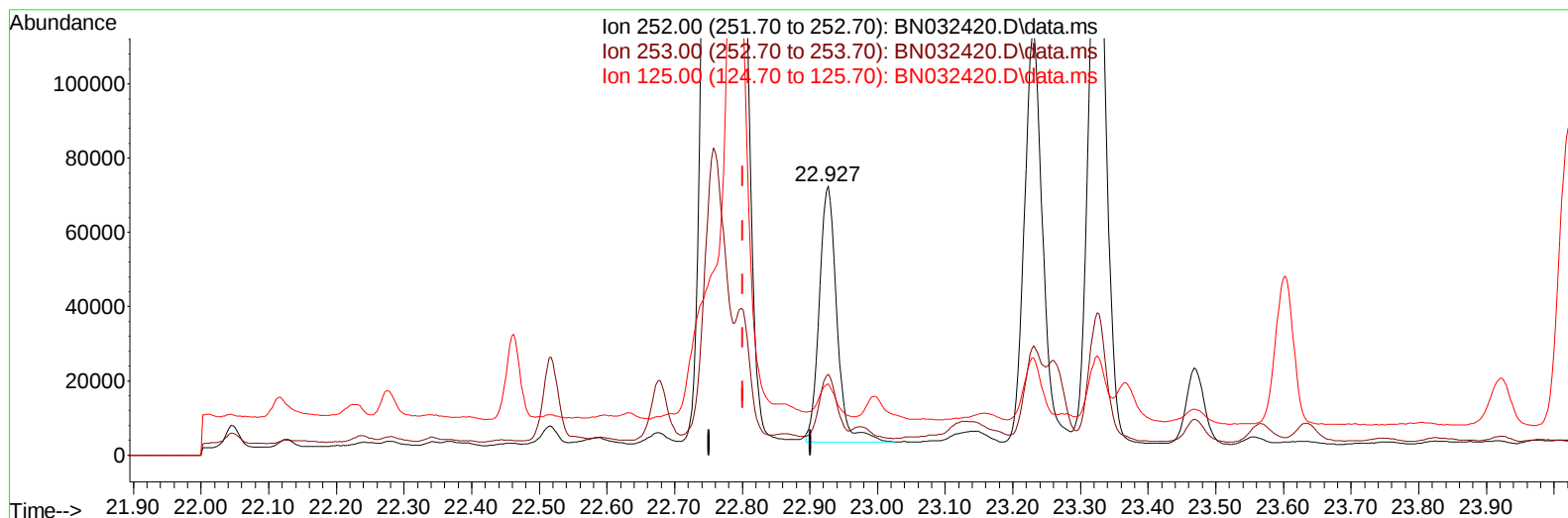
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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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: BN032420.D\data.ms

(25) Benzo(k)fluoranthene

22.927min (+ 0.126) 1.20 ng/u1

response 124450

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	30.01
125.00	16.00	26.54#
0.00	0.00	0.00

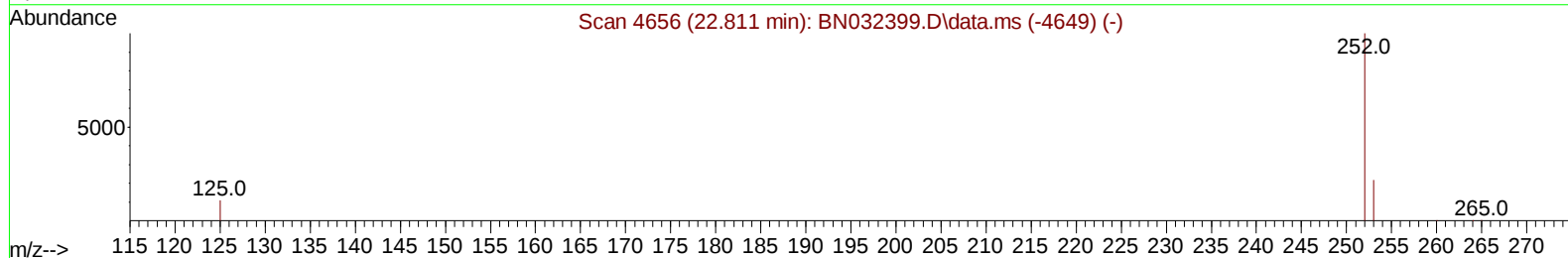
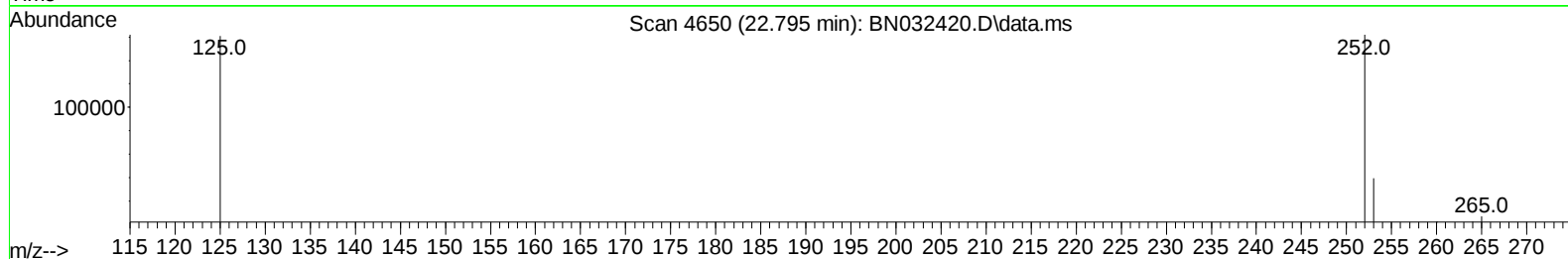
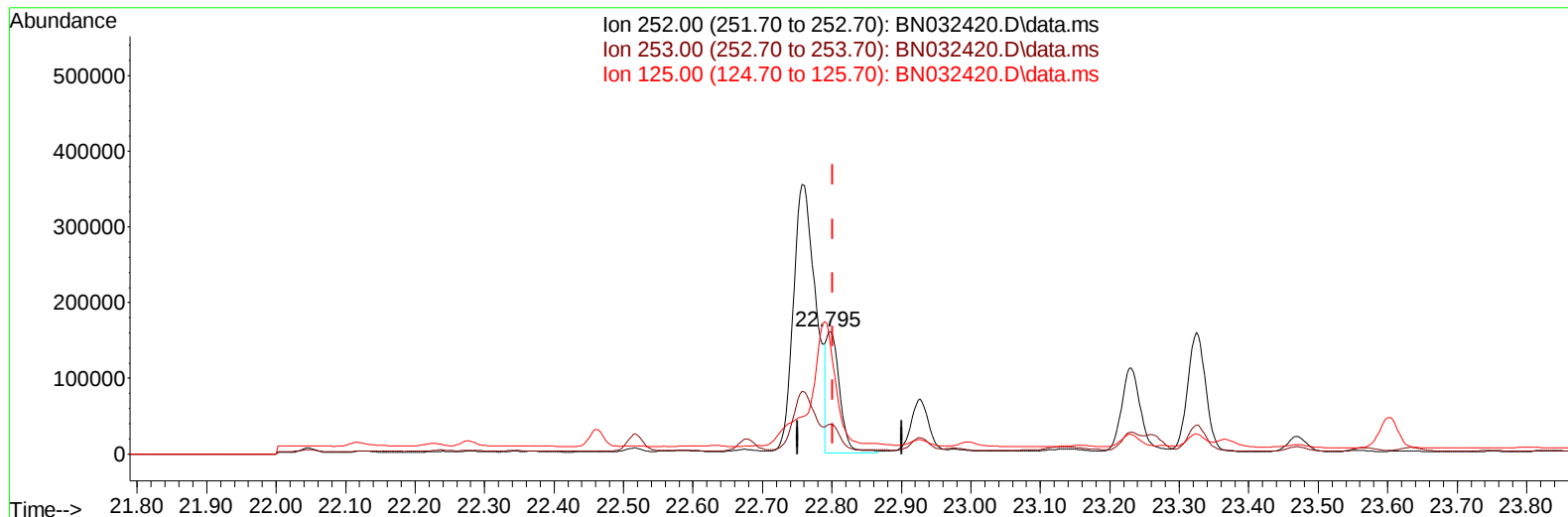
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

(25) Benzo(k)fluoranthene

22.795min (-0.006) 2.08 ng/u1 m

response 214619

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.15
125.00	16.00	99.25#
0.00	0.00	0.00

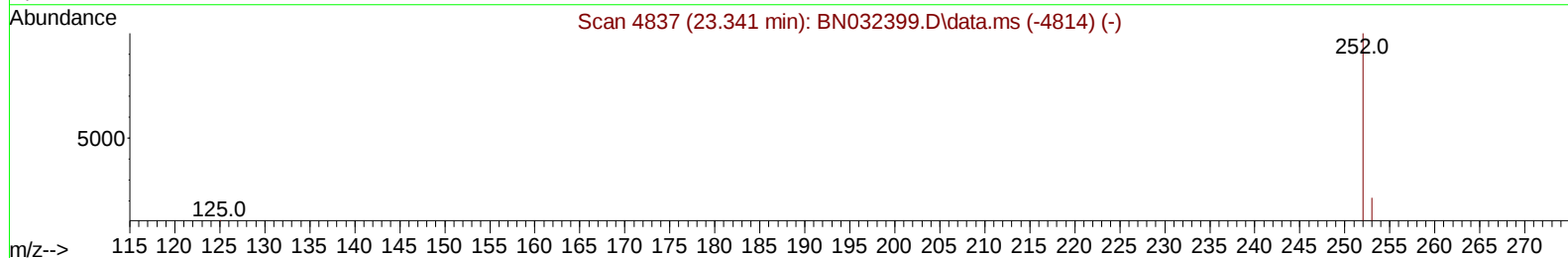
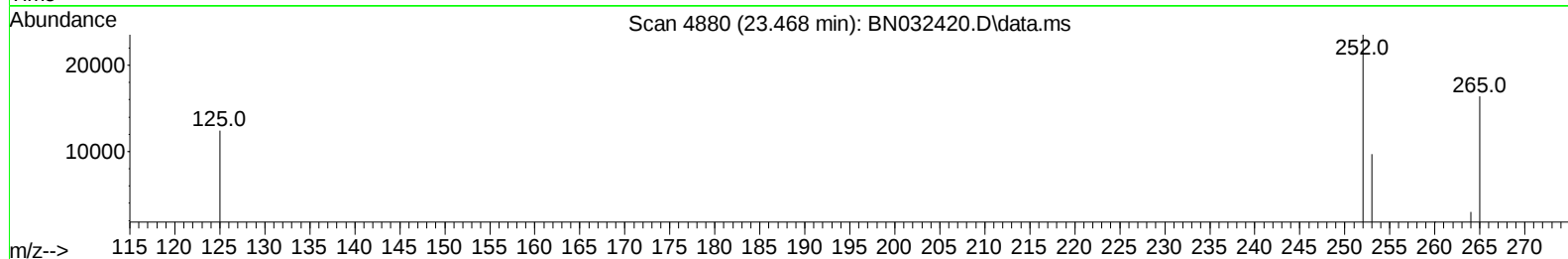
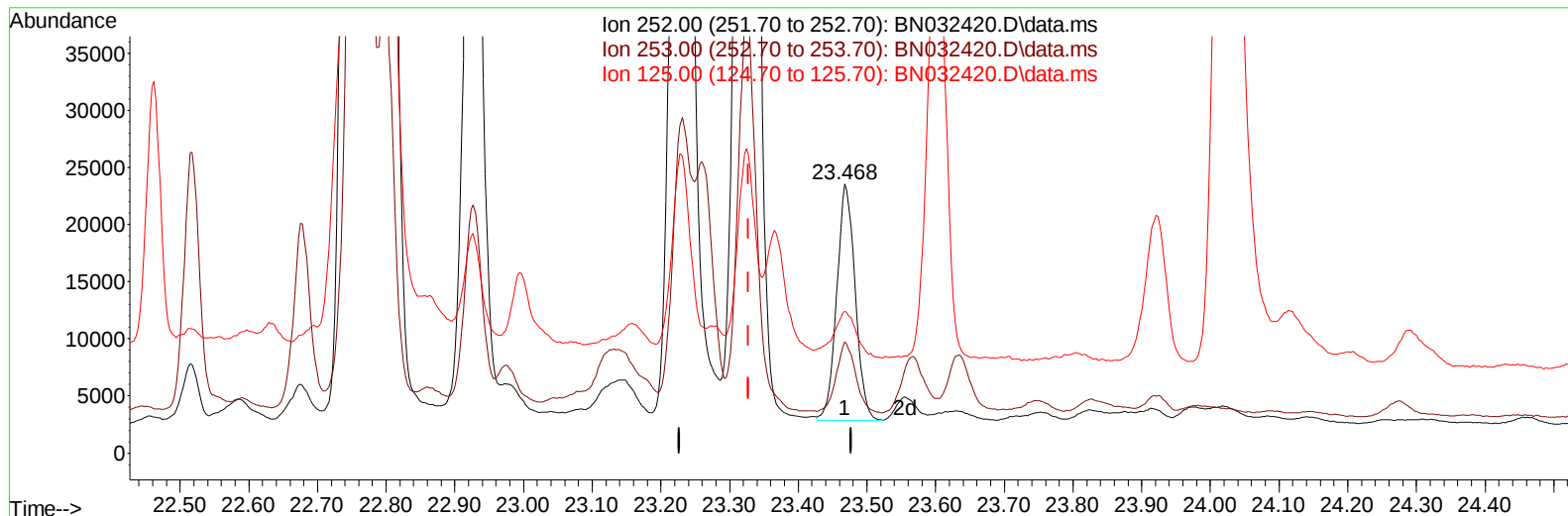
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(26) Benzo(a)pyrene (C)

23.468min (+ 0.140) 0.52 ng/u1

response 38355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	41.32#
125.00	20.50	52.70#
0.00	0.00	0.00

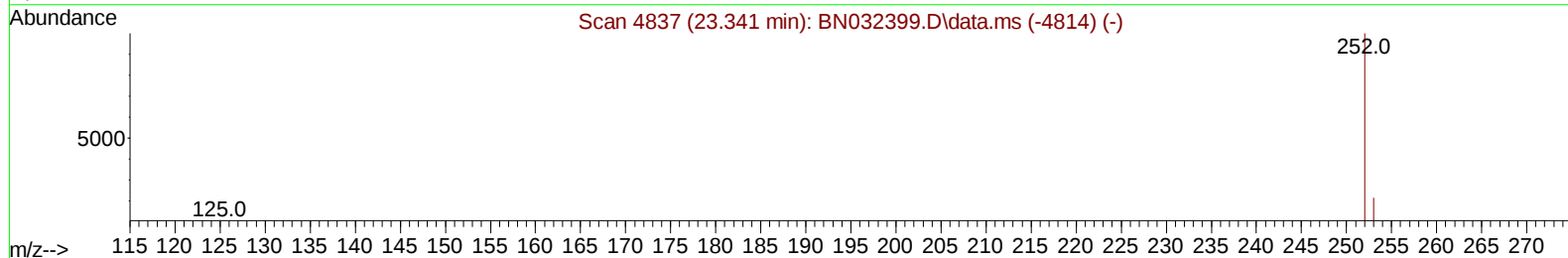
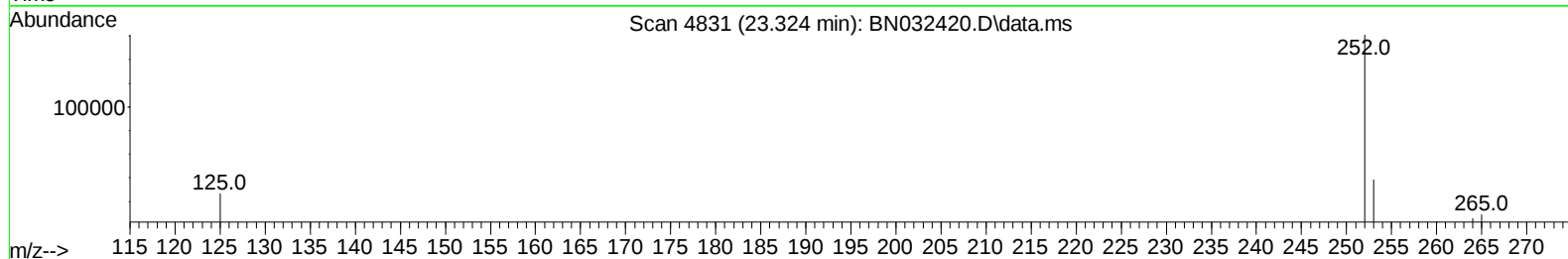
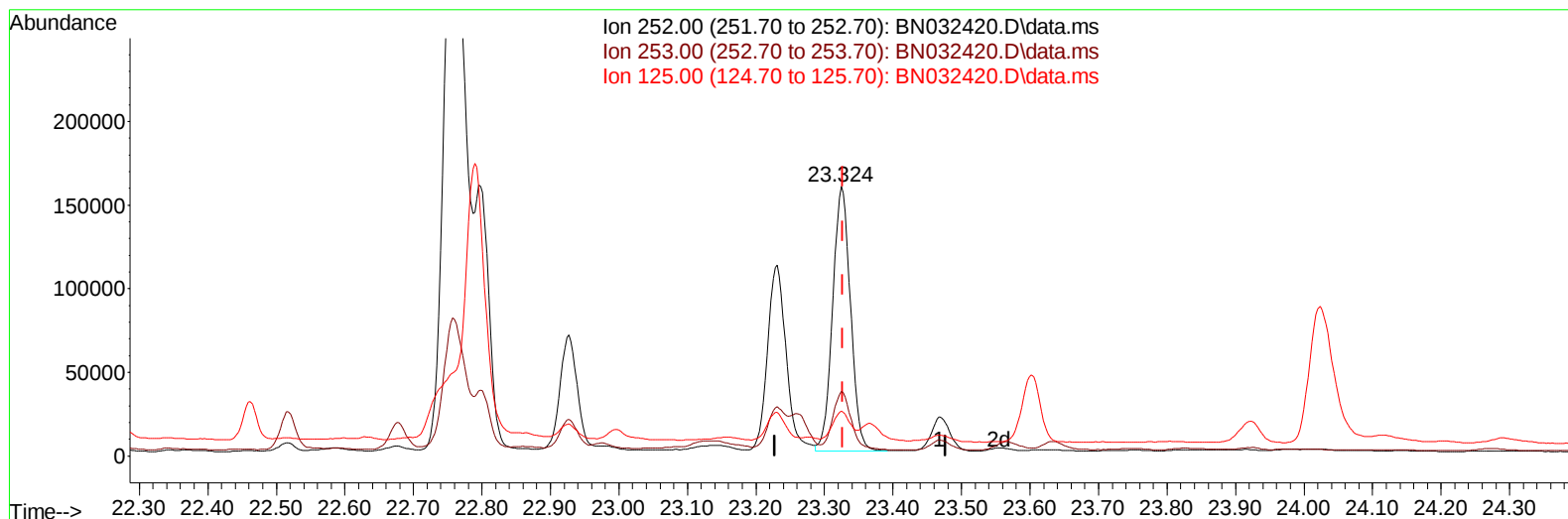
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(26) Benzo(a)pyrene (C)

23.324min (-0.003) 3.88 ng/u1 m

response 287358

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.84
125.00	20.50	16.55
0.00	0.00	0.00

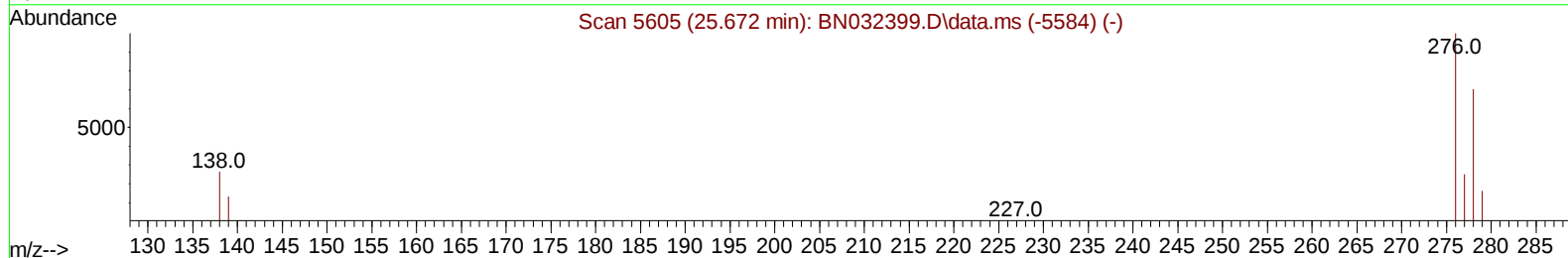
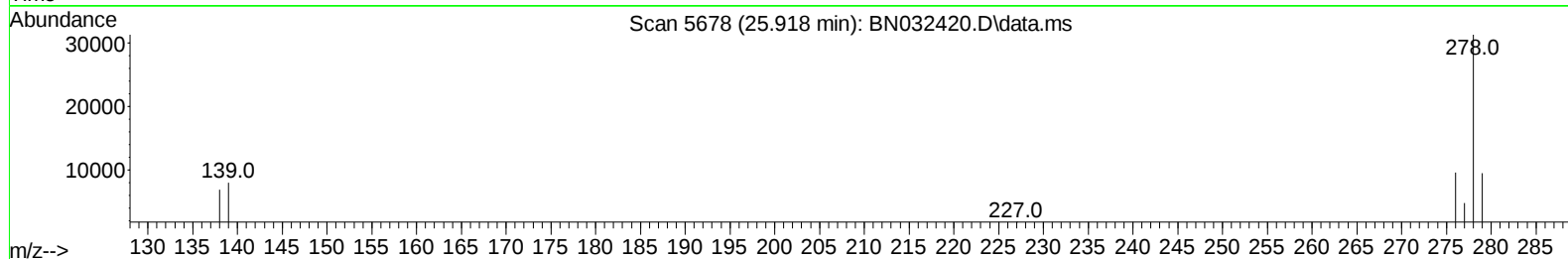
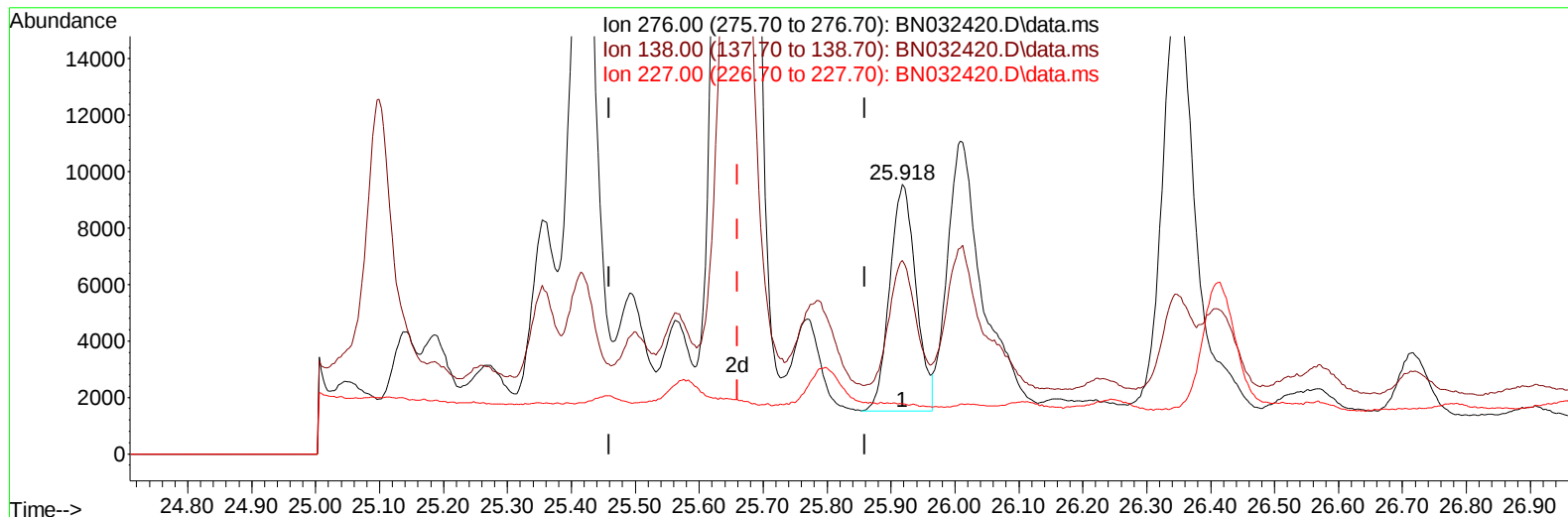
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

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

25.918min (+ 0.258) 0.20 ng/u1

response 23003

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	54.80#
227.00	0.10	0.00#
0.00	0.00	0.00

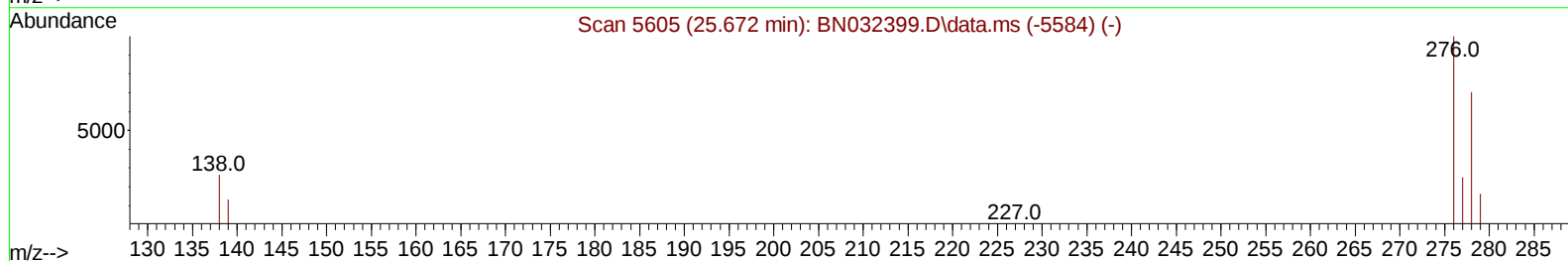
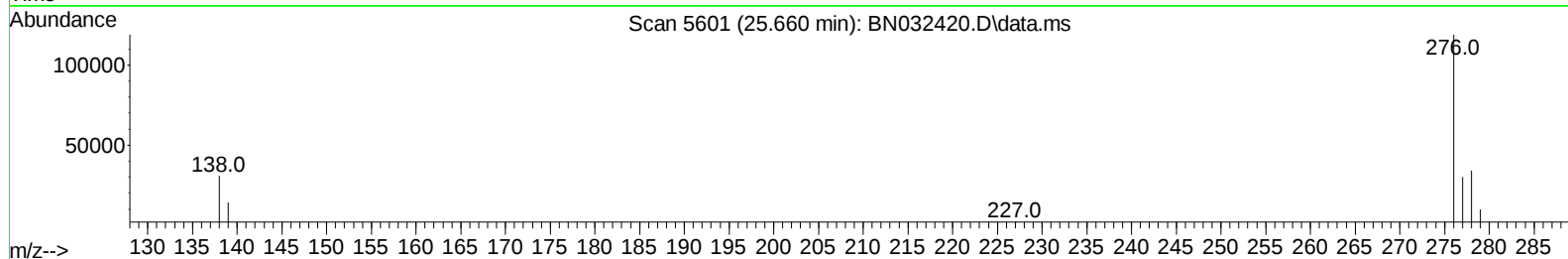
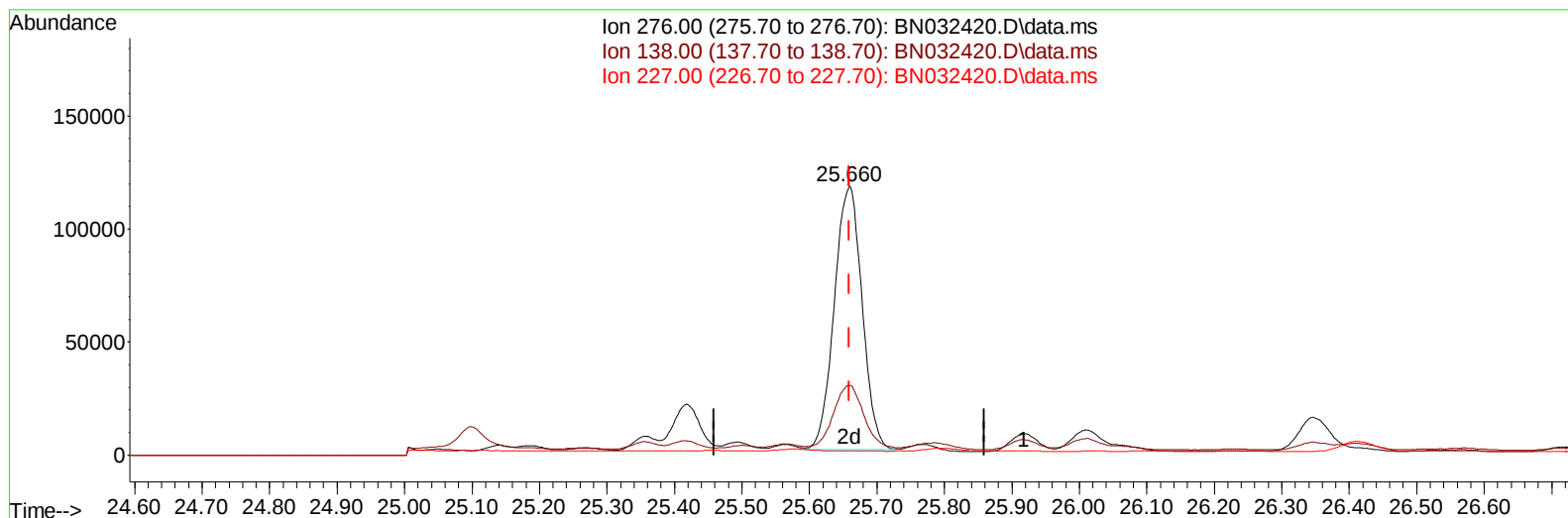
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

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

25.660min (0.000) 2.87 ng/u1 m

response 333088

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.78#
227.00	0.10	0.00#
0.00	0.00	0.00

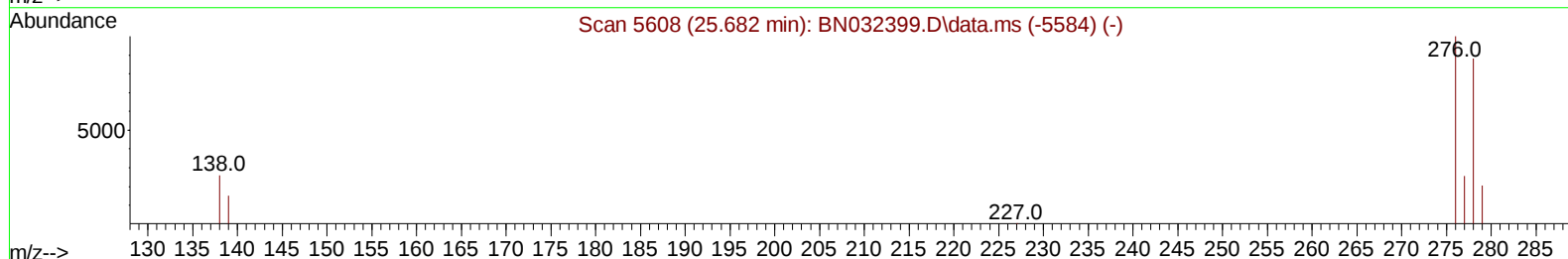
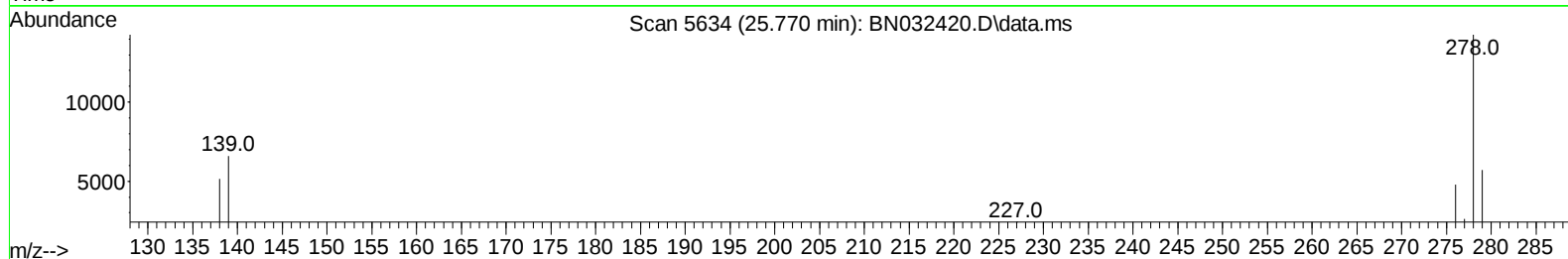
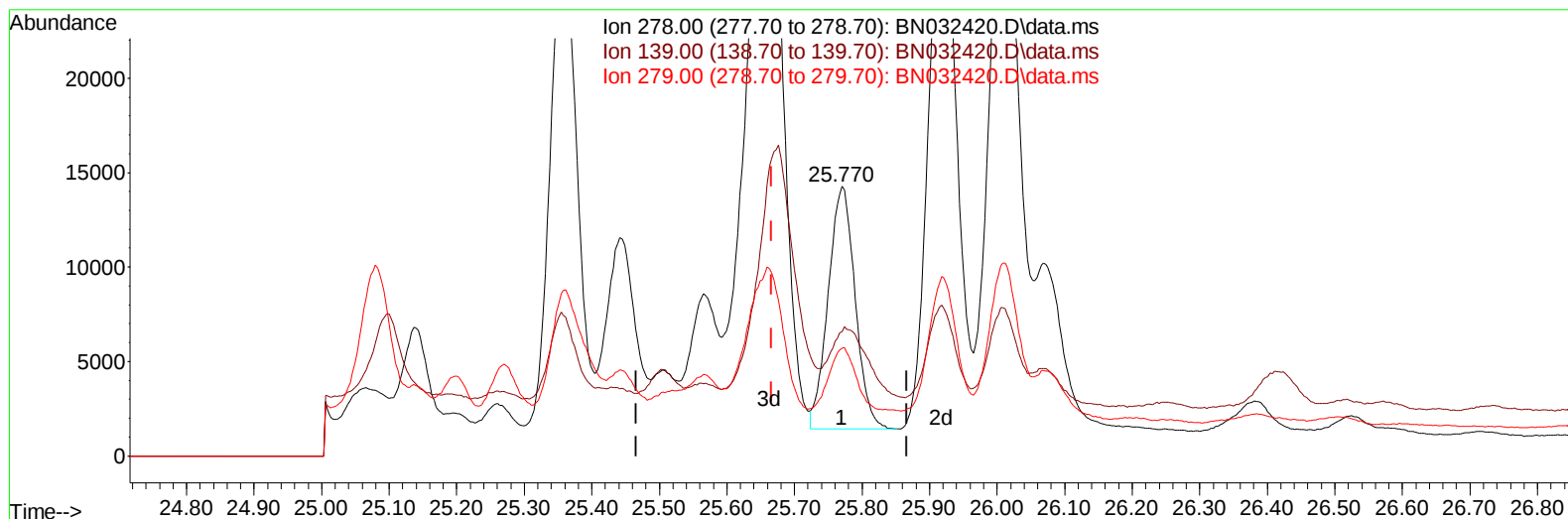
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(28) Dibenzo(a,h)anthracene

25.770min (+ 0.104) 0.41 ng/u1

response 35616

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	46.21#
279.00	26.40	40.09#
0.00	0.00	0.00

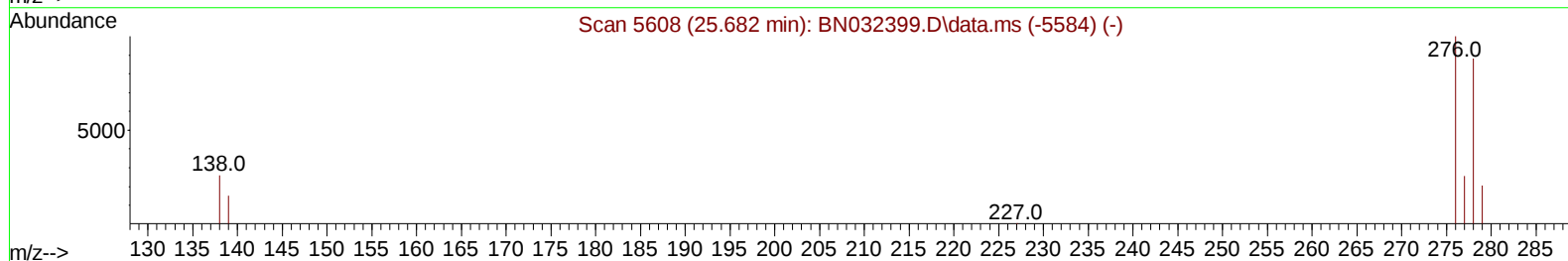
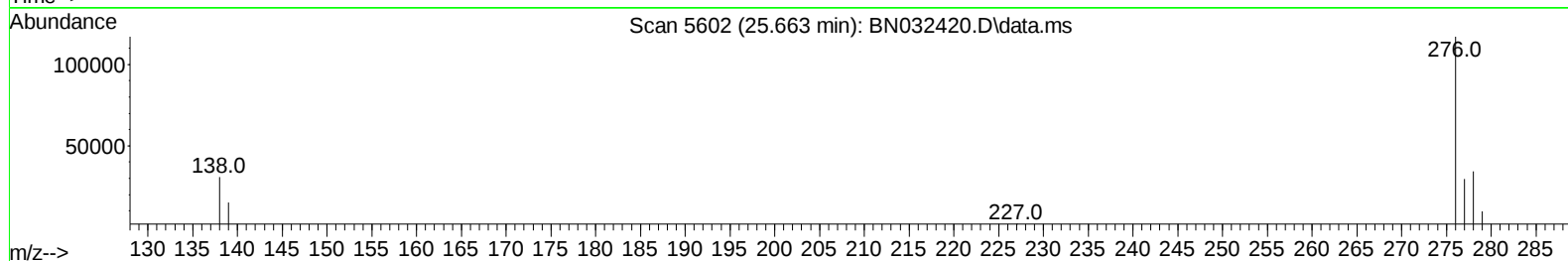
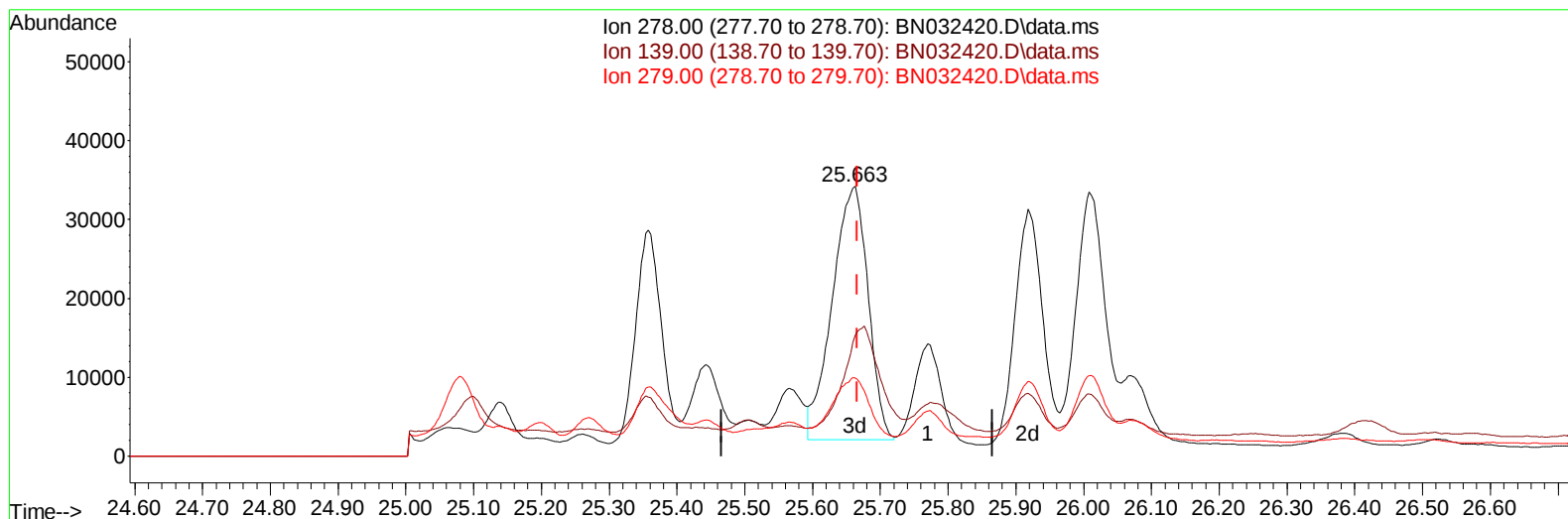
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.003) 1.37 ng/u1 m

response 117804

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	44.89#
279.00	26.40	28.98
0.00	0.00	0.00

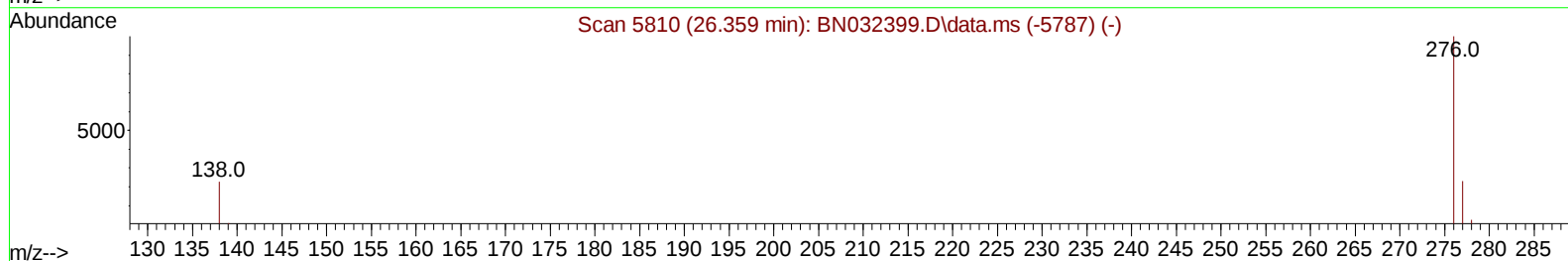
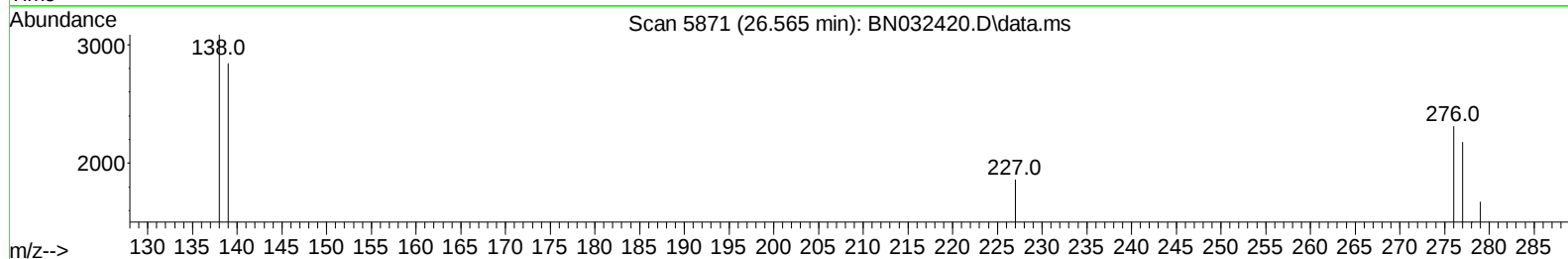
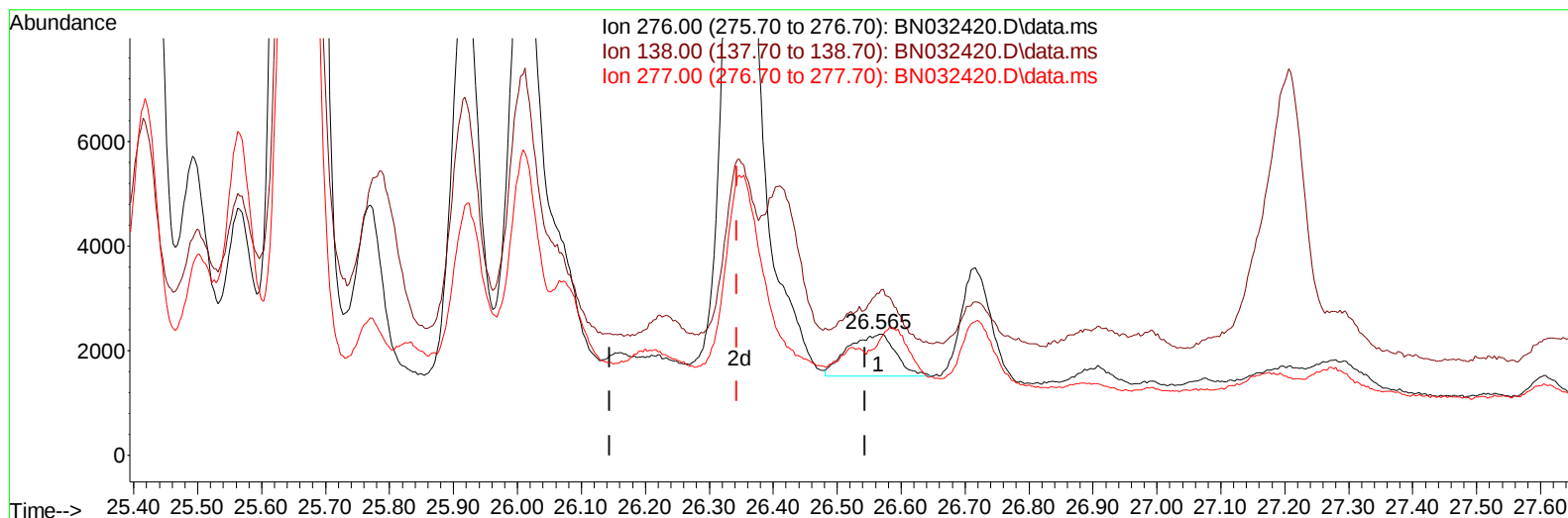
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032420.D\data.ms

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

26.565min (+ 0.221) 0.05 ng/u1

response 4180

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	133.28#
277.00	24.70	94.12#
0.00	0.00	0.00

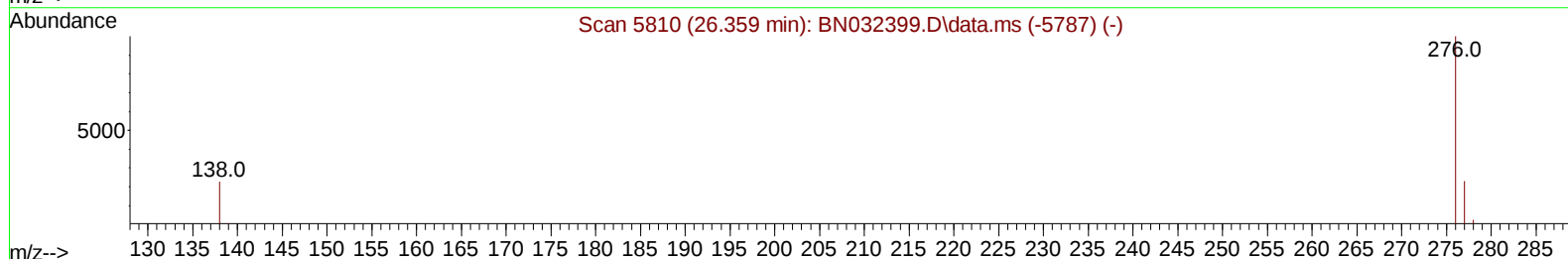
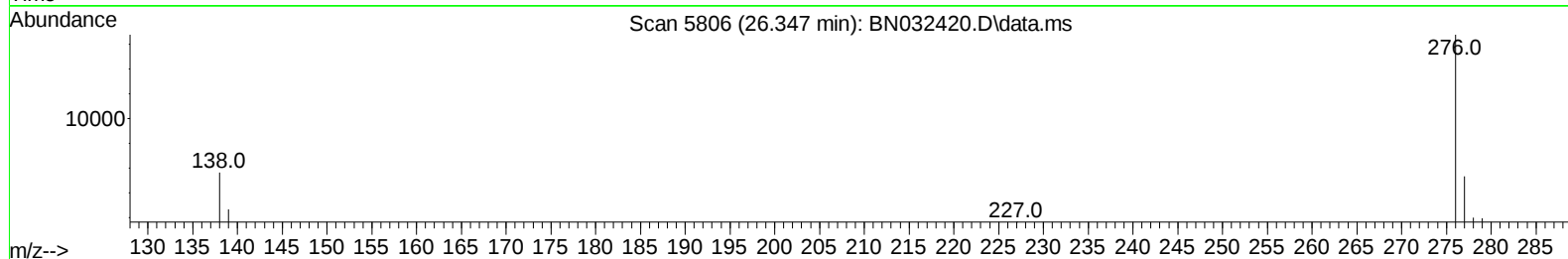
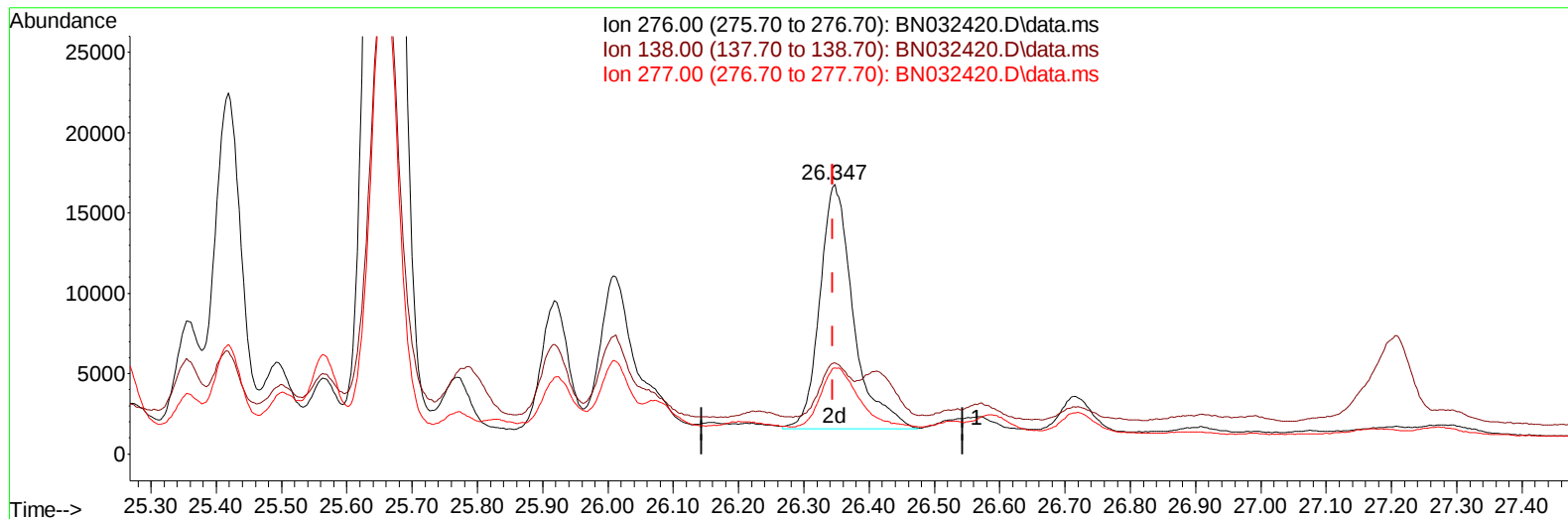
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 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: BN032420.D\data.ms

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

26.347min (+ 0.003) 0.59 ng/u1 m

response 54371

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	33.75#
277.00	24.70	31.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032420.D
 Acq On : 03 Jul 2024 03:23
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 03:57:21 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	27910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	16917	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	30002m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	20245m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	24499m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	40041	4.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	13246	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	22350m	0.367	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	60122	0.814	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	23994	0.490	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	14713	0.290	ng/ul	99
10) Acenaphthylene	13.971	152	95403	1.356	ng/ul	100
11) Acenaphthene	14.313	153	24197	0.443	ng/ul	99
12) Fluorene	15.303	166	31462	0.484	ng/ul#	98
14) Pentachlorophenol	16.670	266	680m	0.100	ng/ul	
15) Phenanthrene	17.046	178	604162m	7.345	ng/ul	
16) Anthracene	17.138	178	151106m	2.060	ng/ul	
19) Fluoranthene	19.069	202	978277m	12.690	ng/ul	
20) Pyrene	19.436	202	750390m	9.314	ng/ul	
21) Benzo(a)anthracene	21.191	228	470214m	6.435	ng/ul	
22) Chrysene	21.241	228	563815m	7.030	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	787210m	7.396	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	214619m	2.075	ng/ul	
26) Benzo(a)pyrene	23.324	252	287358m	3.880	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	333088m	2.873	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	117804m	1.367	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	54371m	0.589	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:57:21 2024
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