

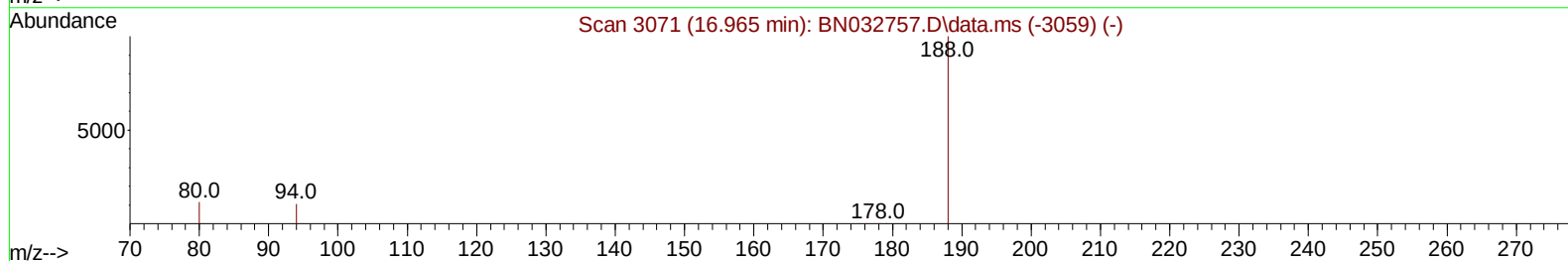
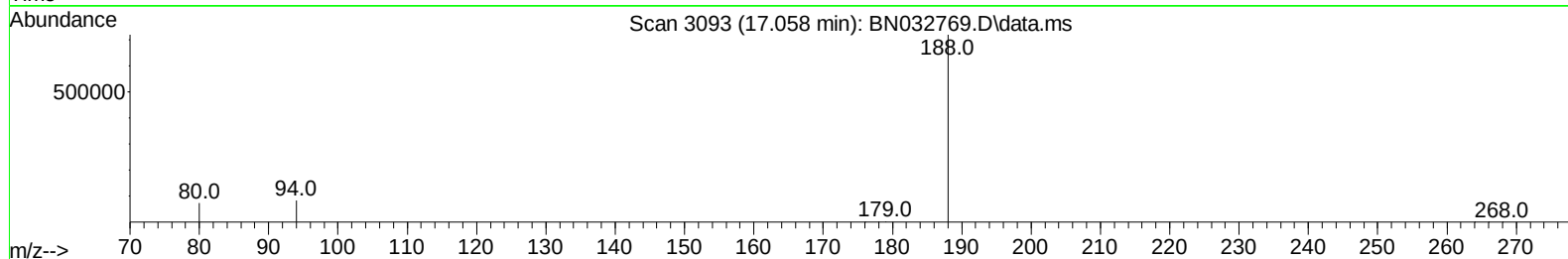
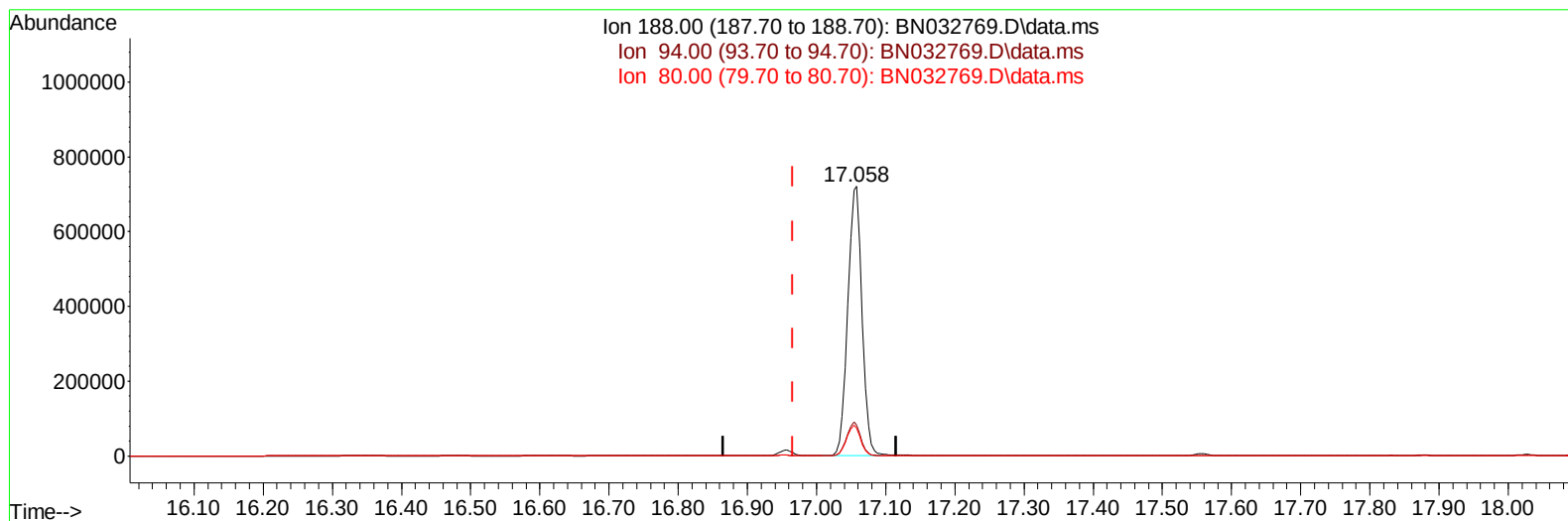
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(13) Phenanthrene-d10 (I)

17.058min (+ 0.093) 0.40 ng/u1

response 1024635

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.56
80.00	12.00	10.17
0.00	0.00	0.00

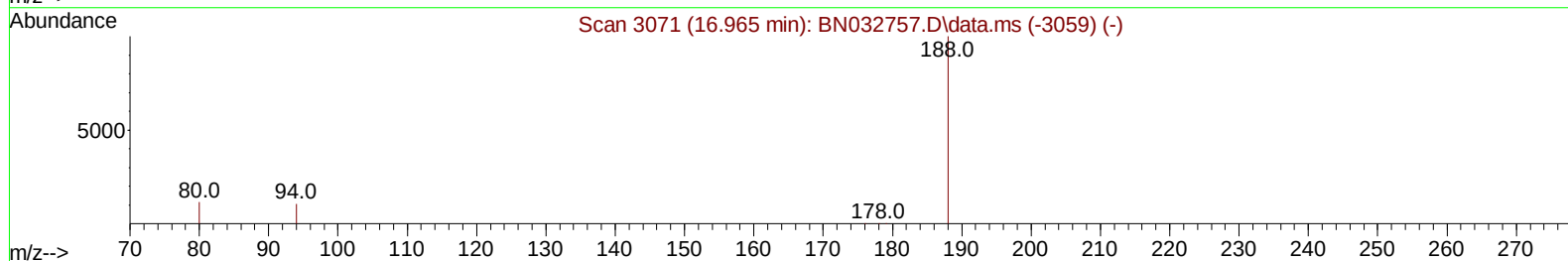
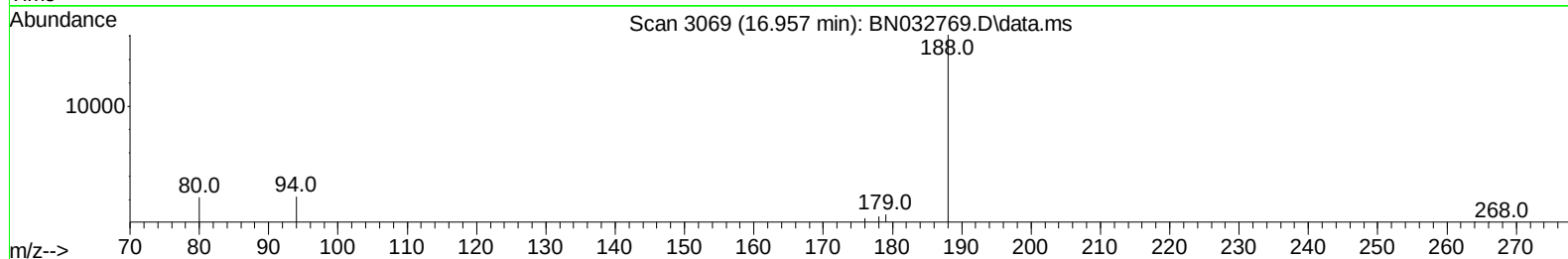
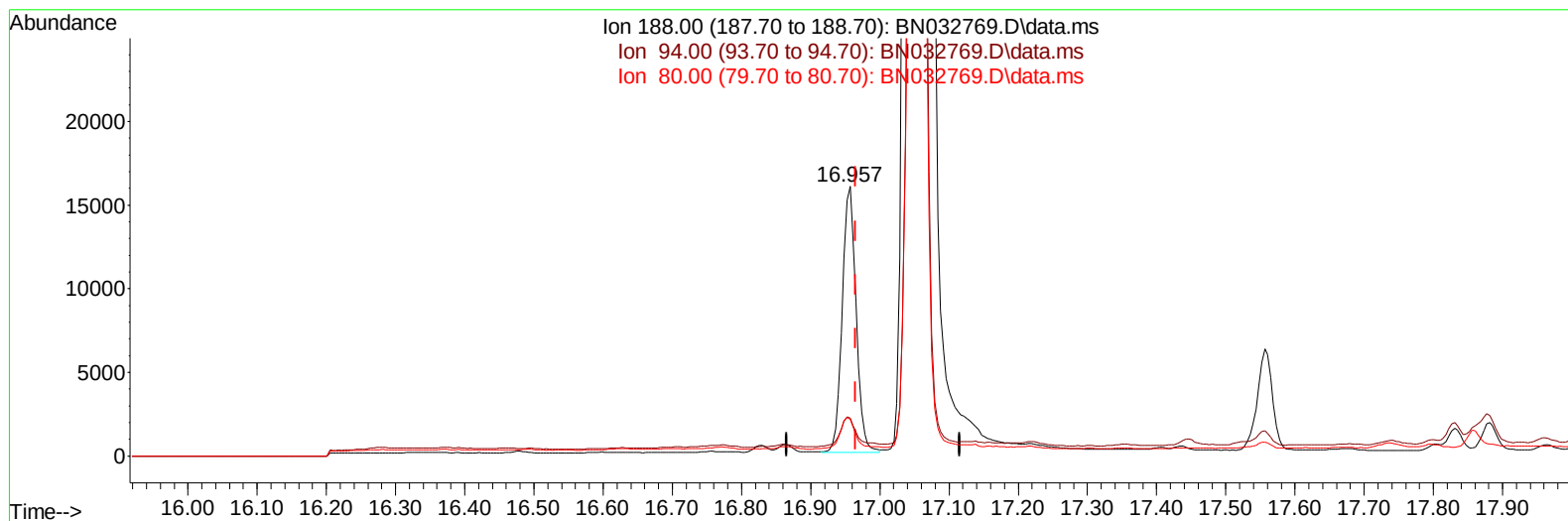
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.009) 0.40 ng/ul m

response 22080

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	14.06#
80.00	12.00	13.64
0.00	0.00	0.00

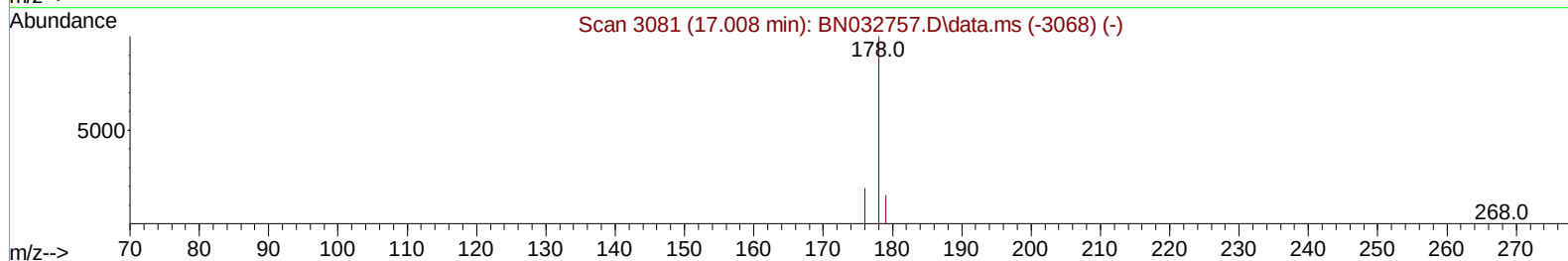
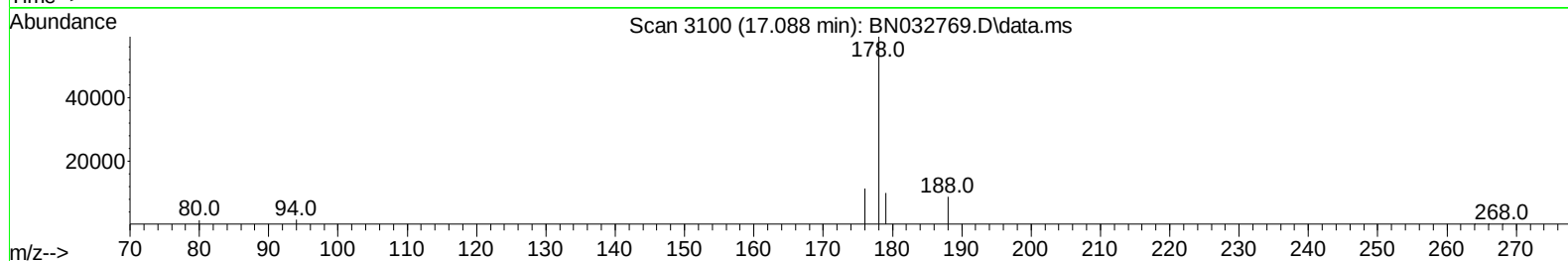
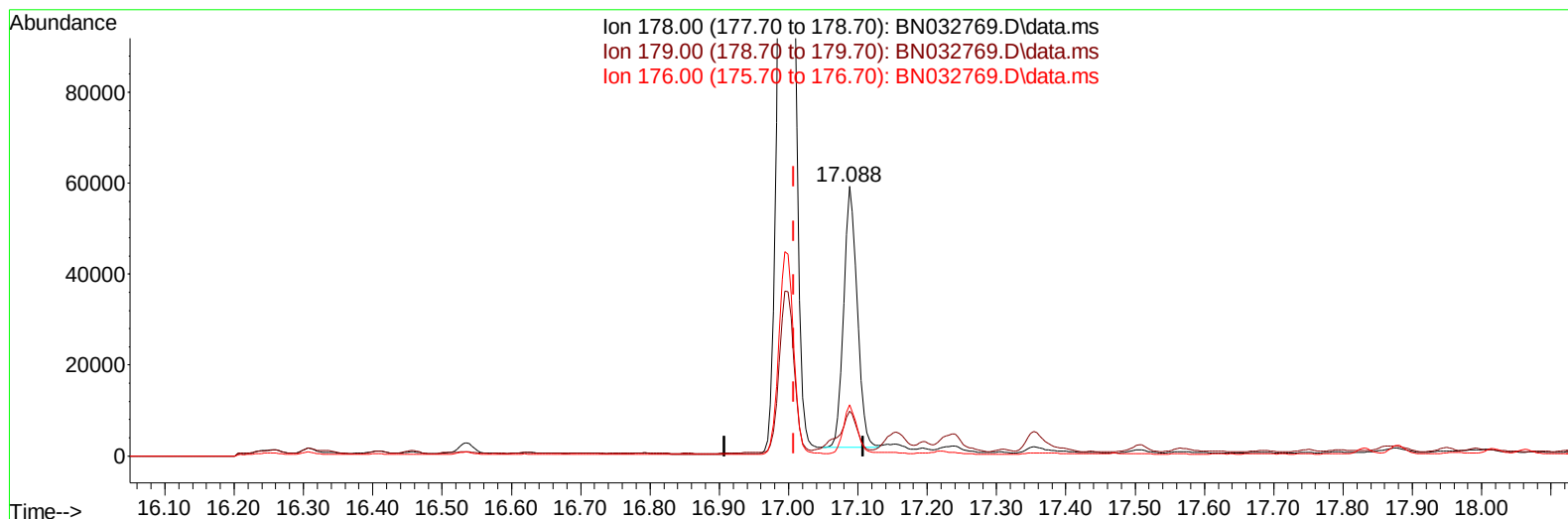
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(15) Phenanthrene

17.088min (+ 0.080) 1.30 ng/u1

response 78254

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.70
176.00	19.50	19.11
0.00	0.00	0.00

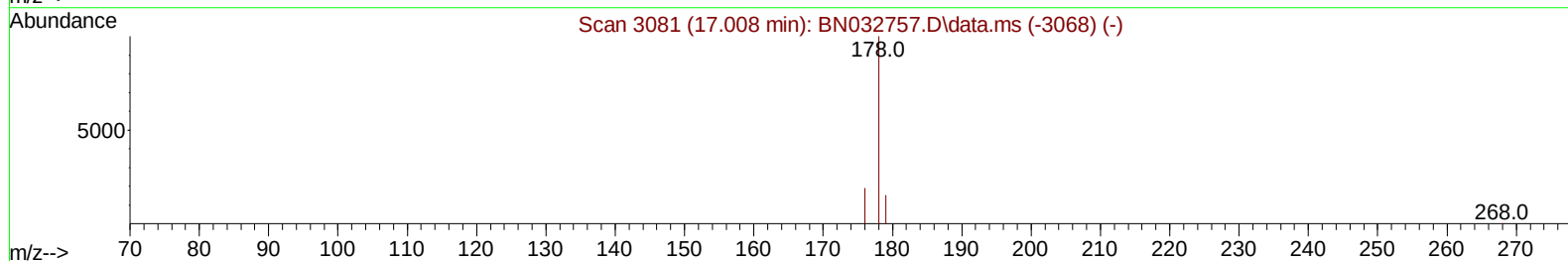
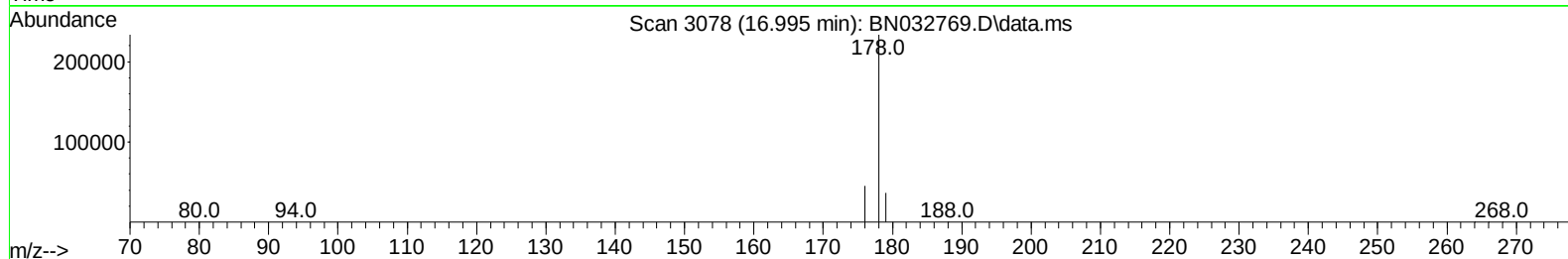
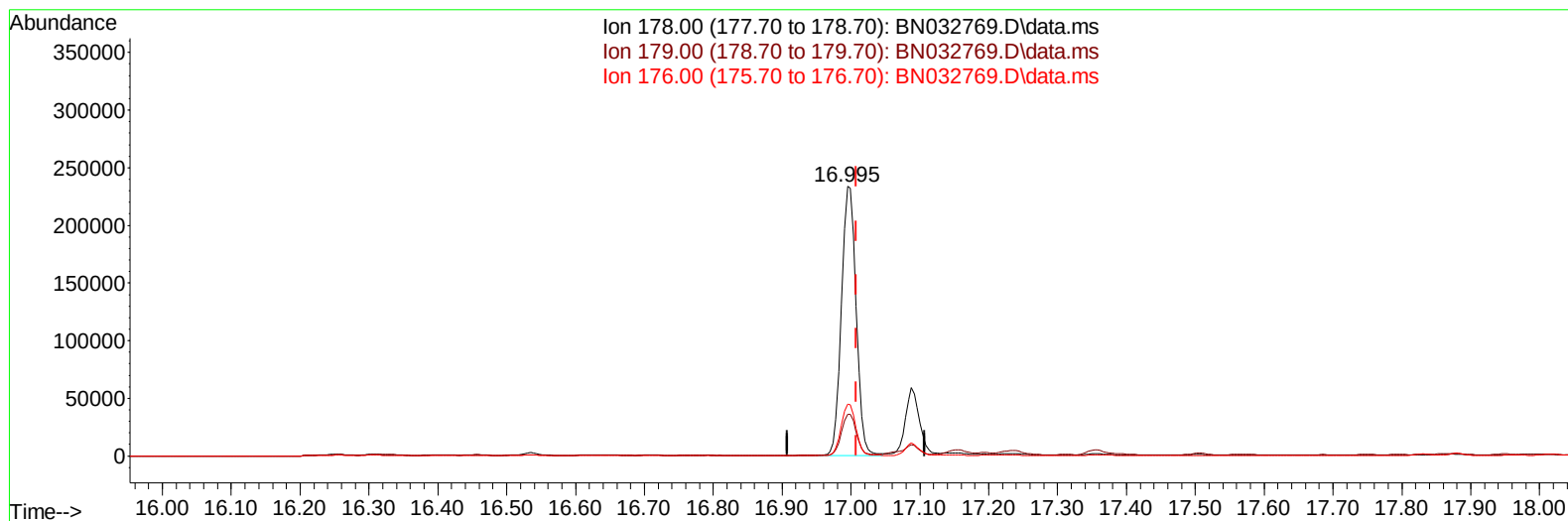
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(15) Phenanthrene

16.995min (-0.013) 5.76 ng/ul m

response 346327

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.54
176.00	19.50	19.25
0.00	0.00	0.00

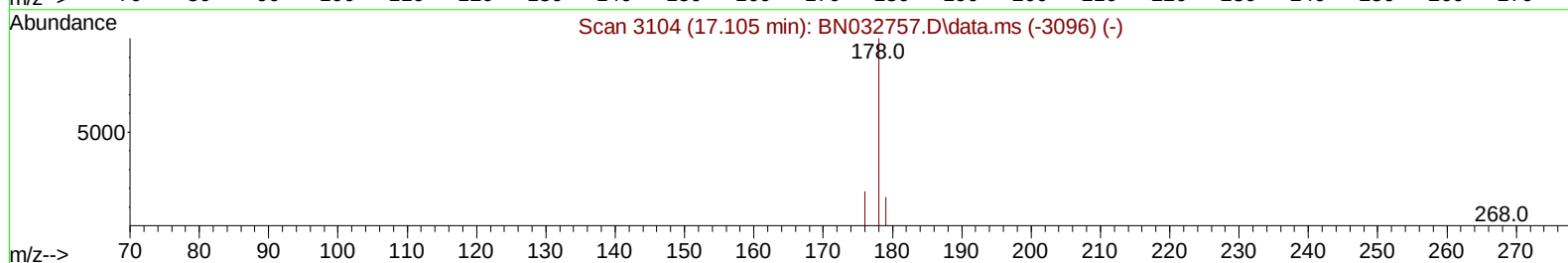
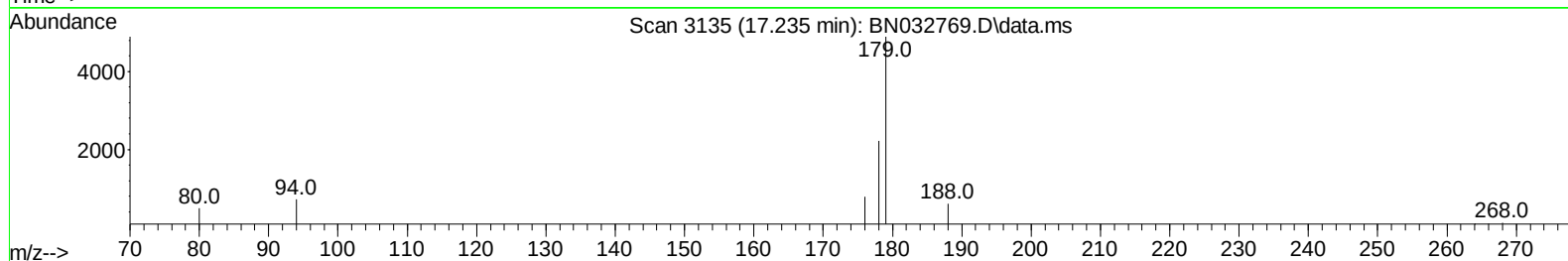
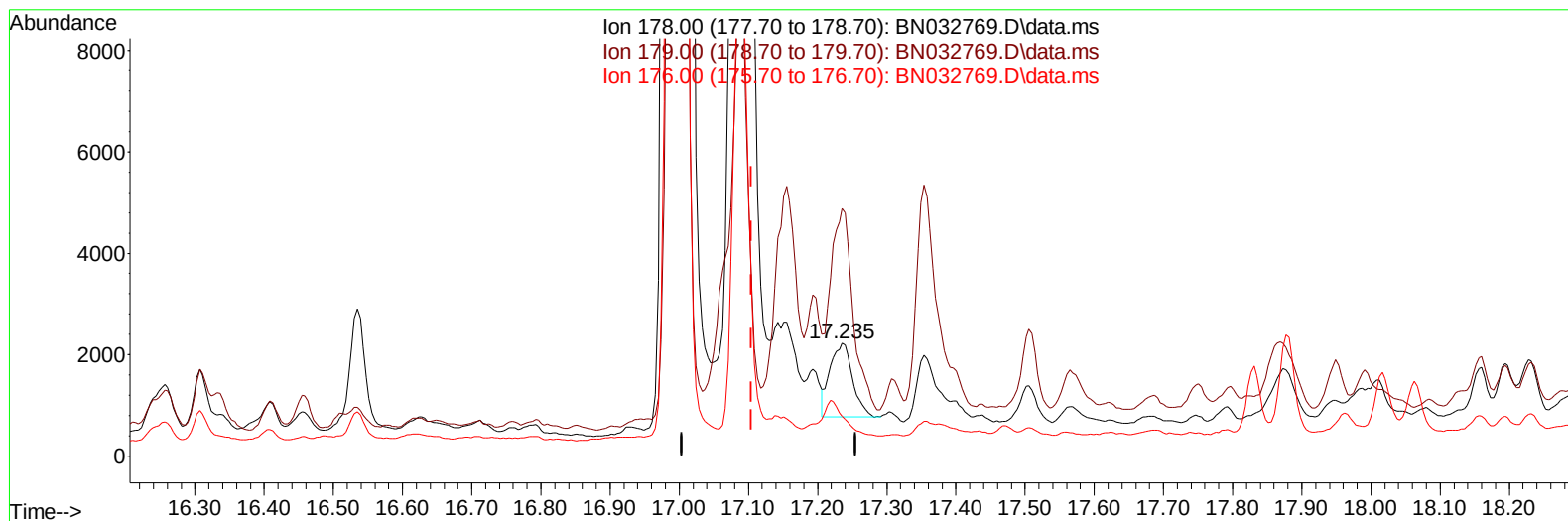
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(16) Anthracene

17.235min (+ 0.131) 0.07 ng/u1

response 3252

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	219.43#
176.00	19.20	35.32#
0.00	0.00	0.00

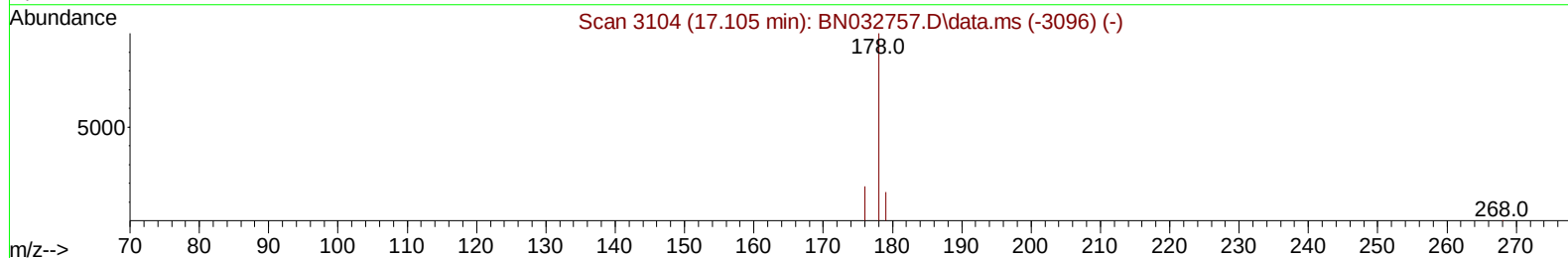
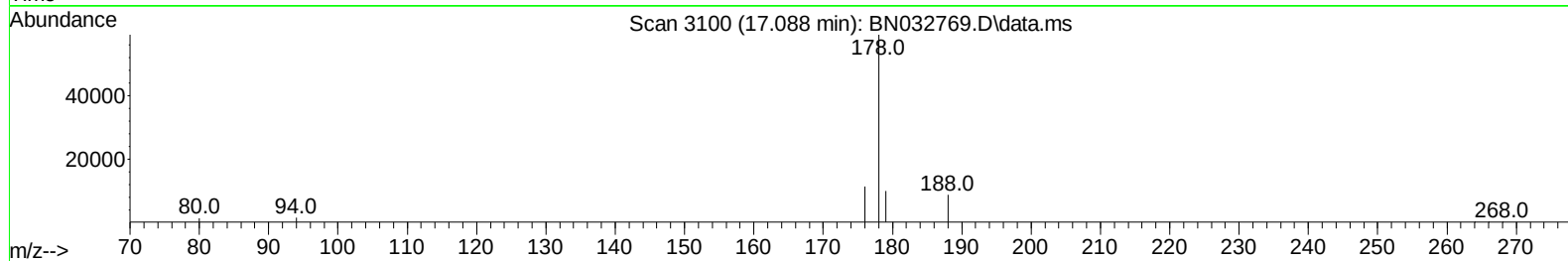
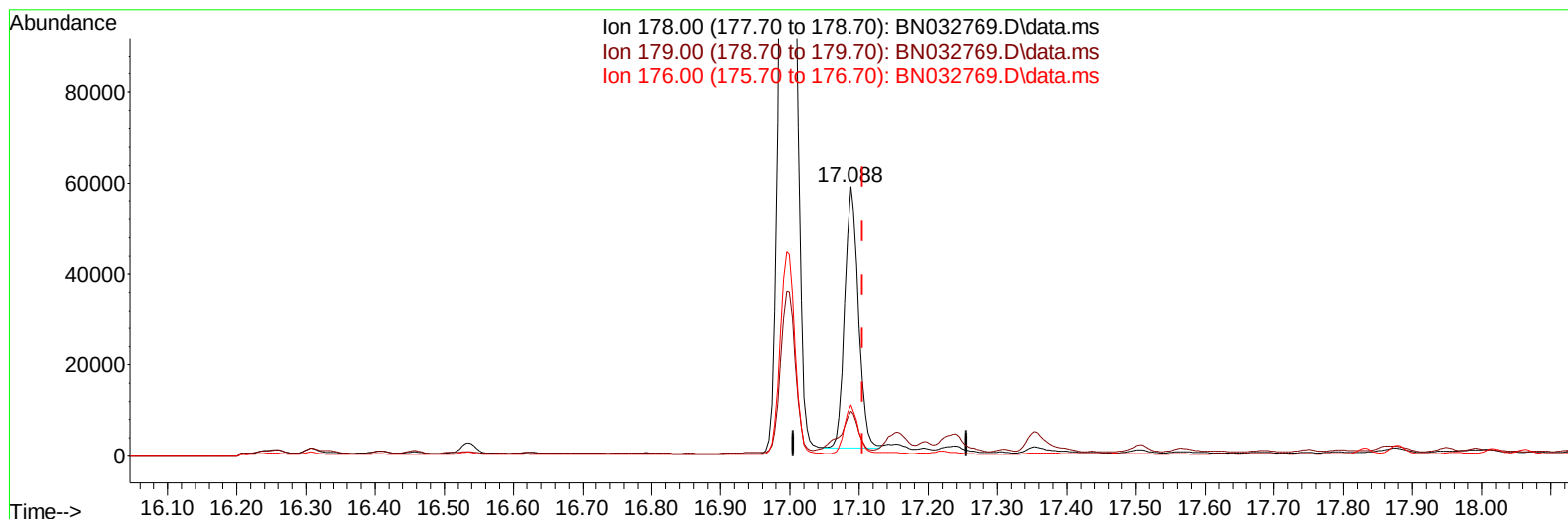
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(16) Anthracene

17.088min (-0.017) 1.60 ng/ul m

response 78563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.70
176.00	19.20	19.11
0.00	0.00	0.00

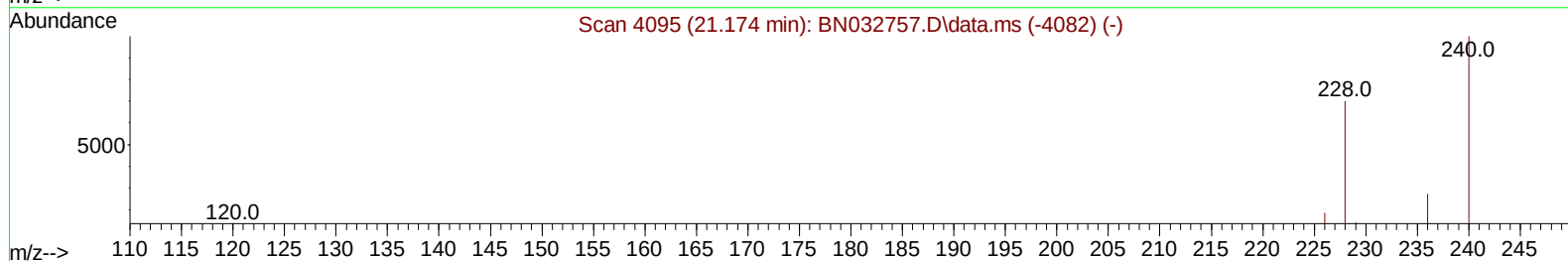
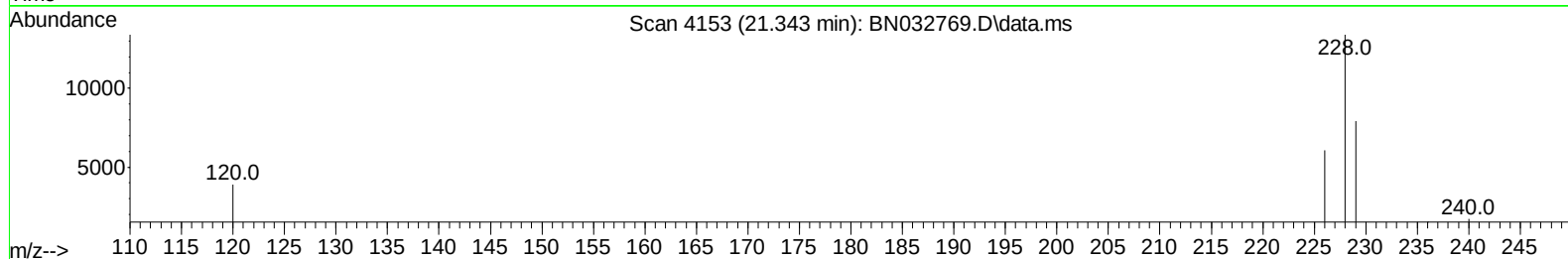
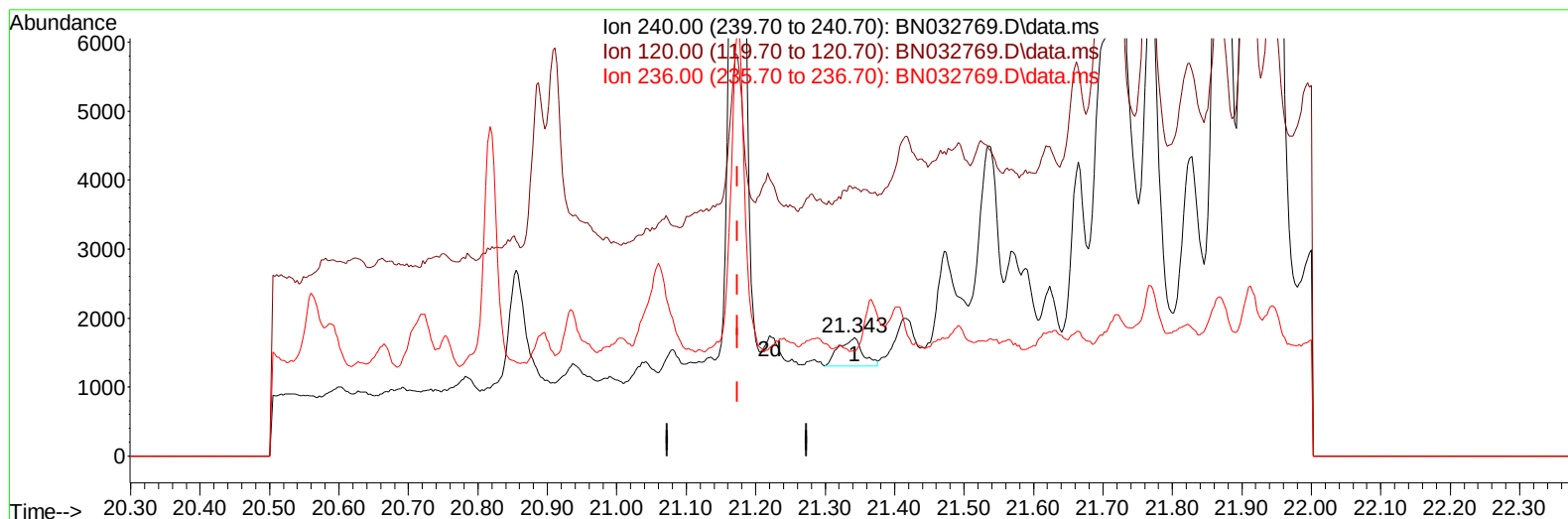
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(17) Chrysene-d12

21.343min (+ 0.169) 0.40 ng/u1

response 984

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	226.92#
236.00	28.40	88.37#
0.00	0.00	0.00

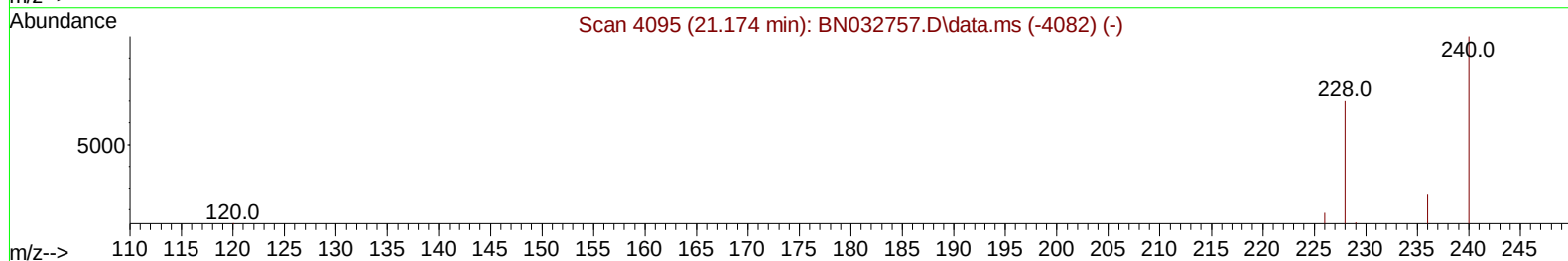
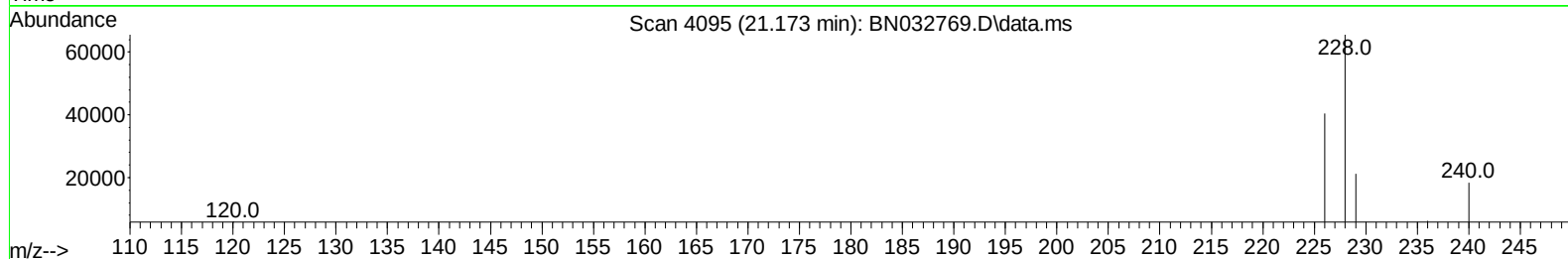
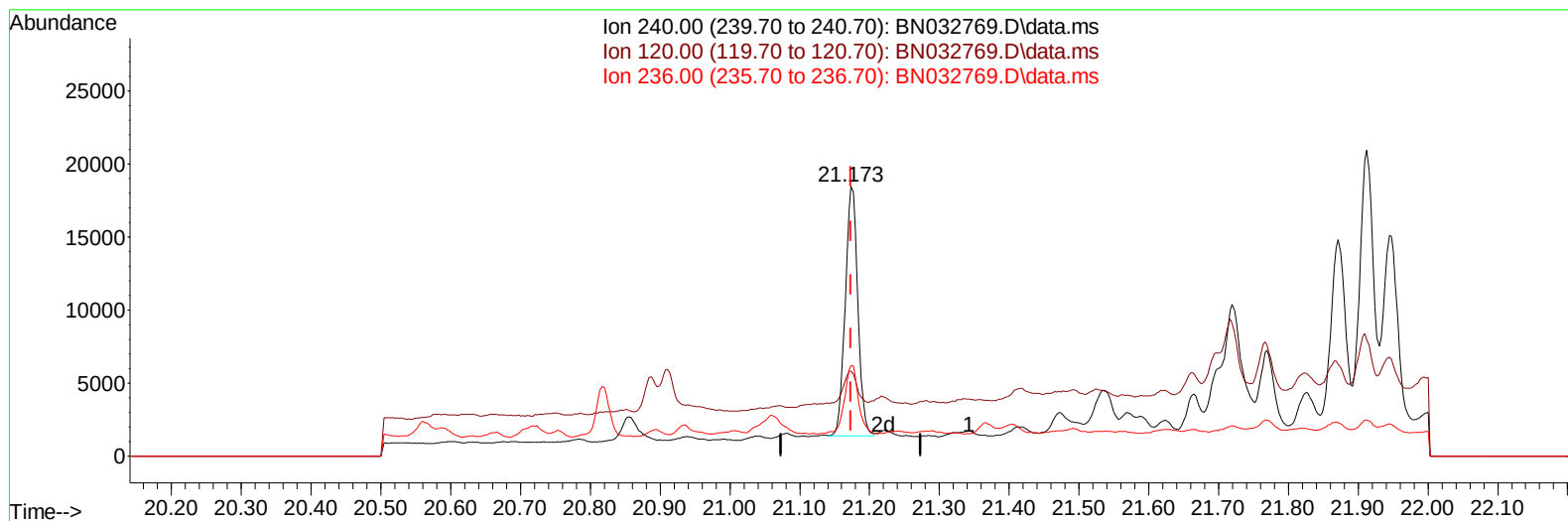
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032769.D\data.ms

(17) Chrysene-d12

21.173min (-0.000) 0.40 ng/ul m

response 21275

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	31.54#
236.00	28.40	33.62
0.00	0.00	0.00

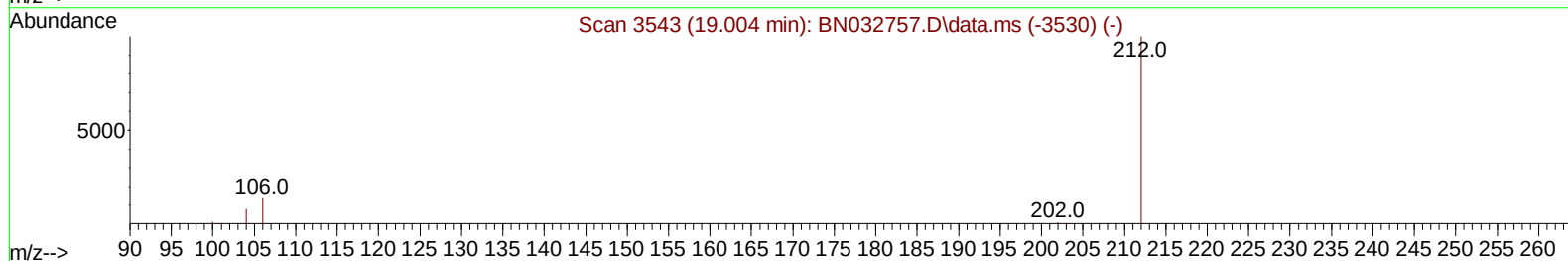
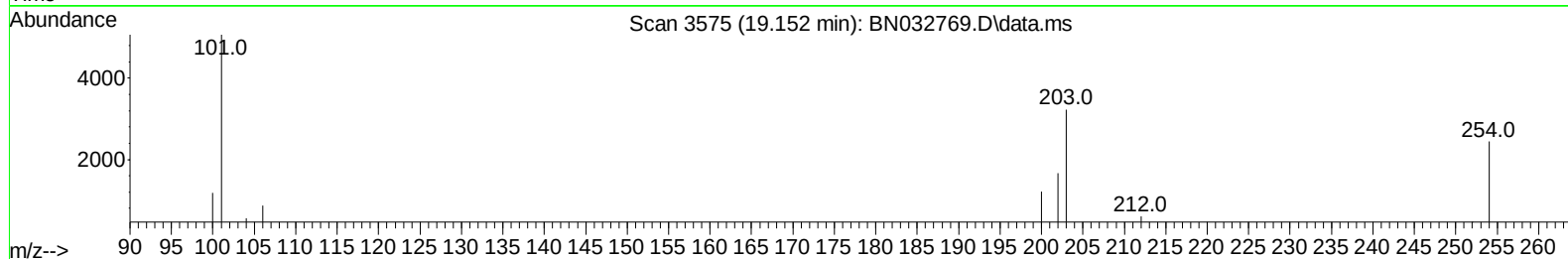
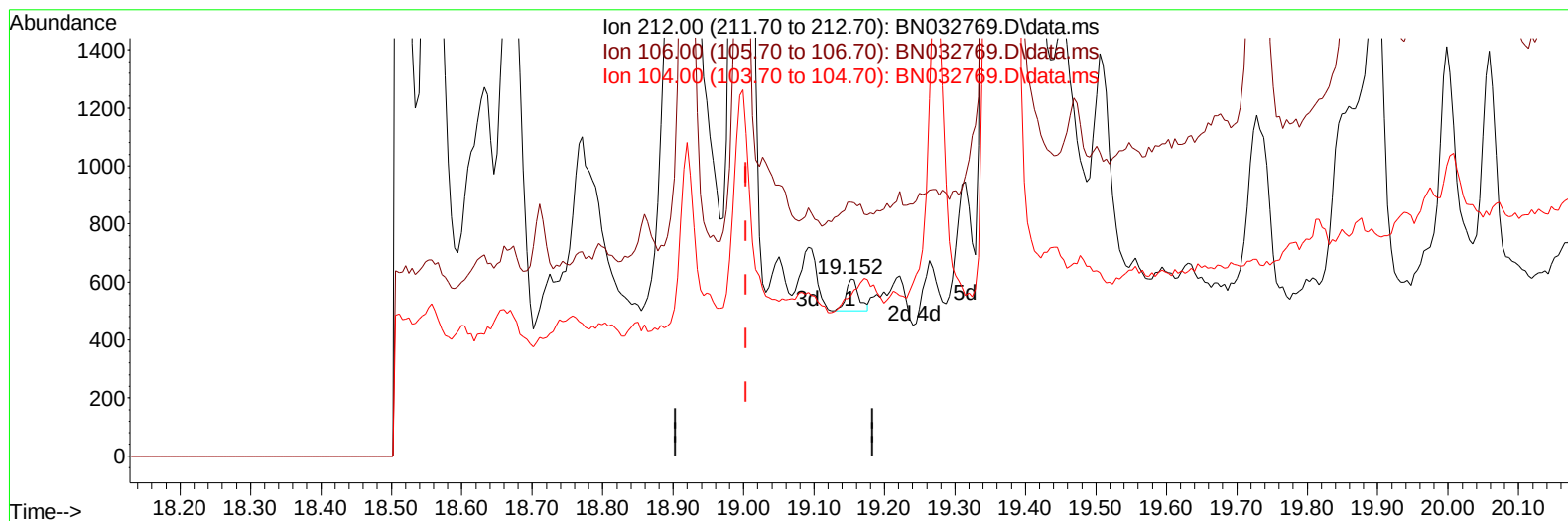
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.149) 0.00 ng/u1

response 140

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	153.57#
104.00	9.00	0.00#
0.00	0.00	0.00

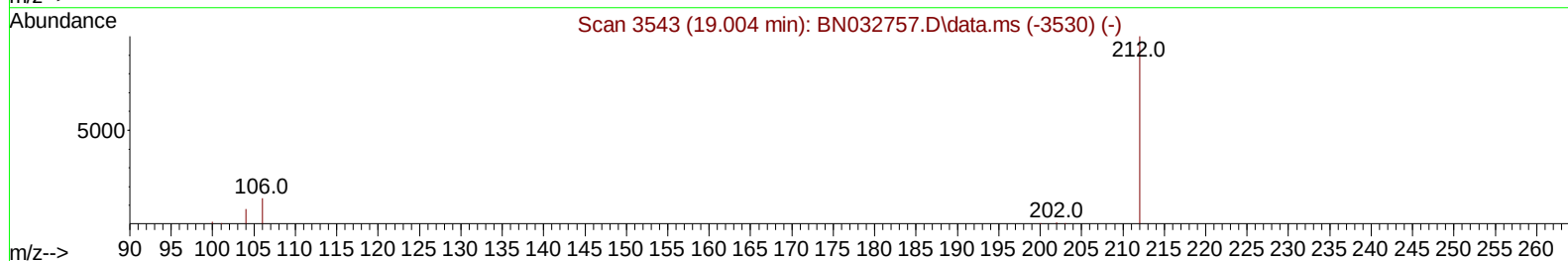
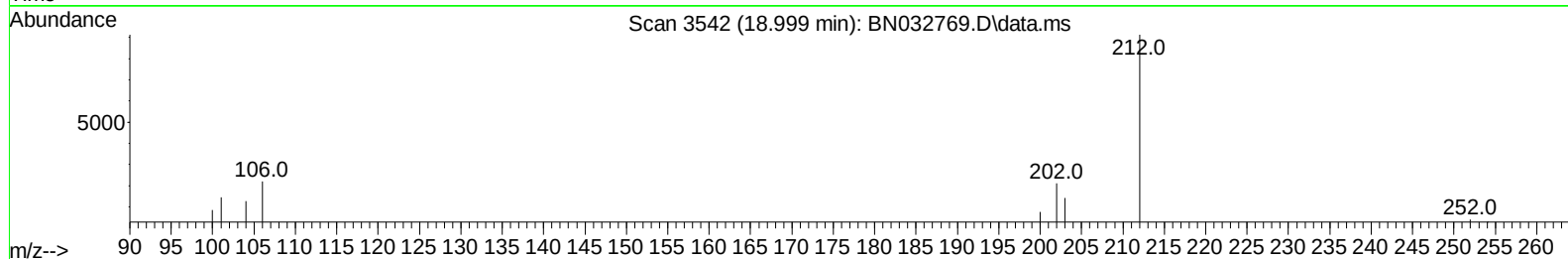
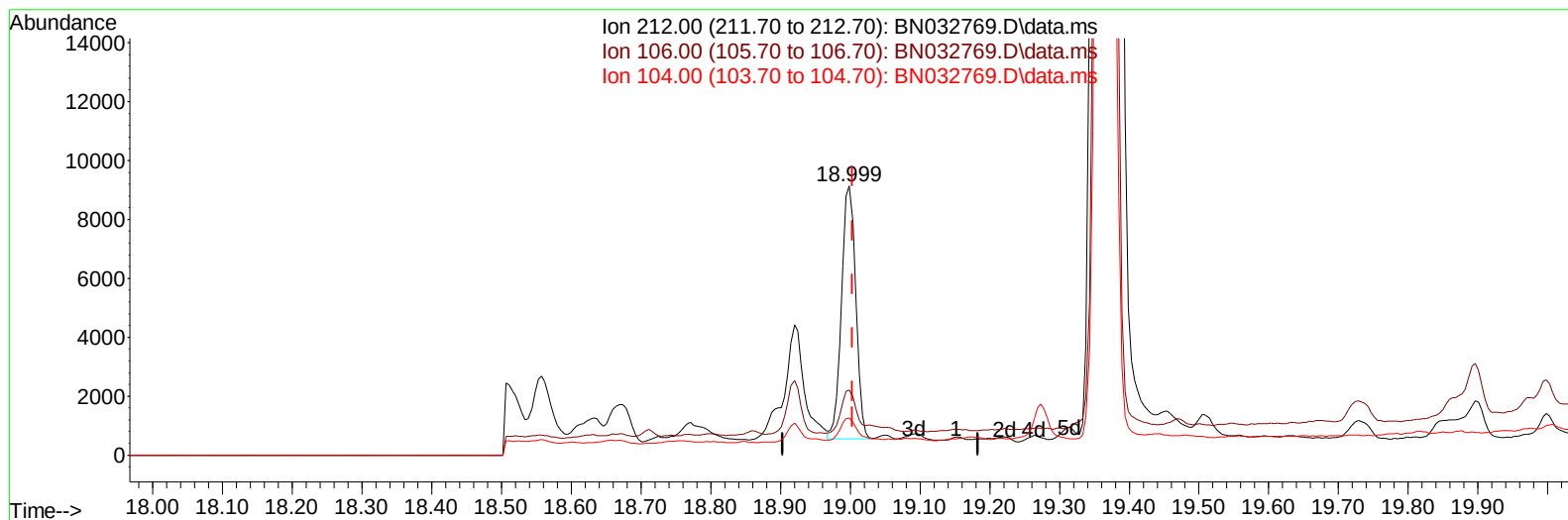
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032769.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.005) 0.17 ng/ul m

response 12064

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.78#
104.00	9.00	0.00#
0.00	0.00	0.00

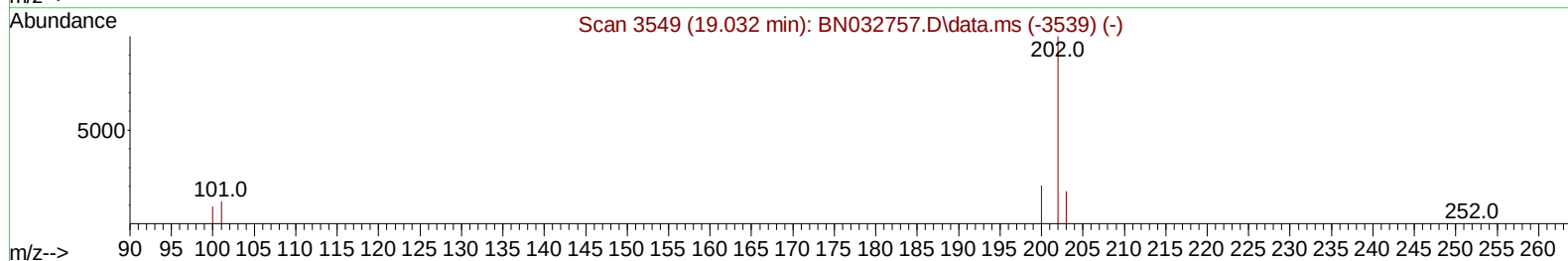
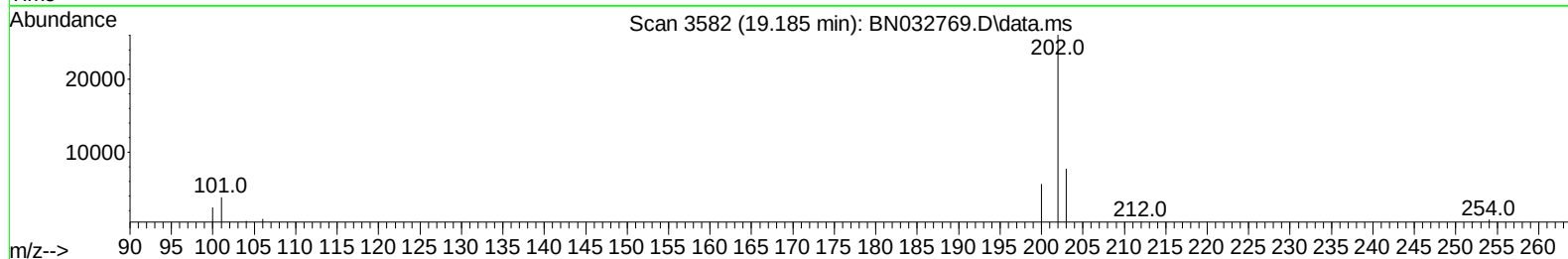
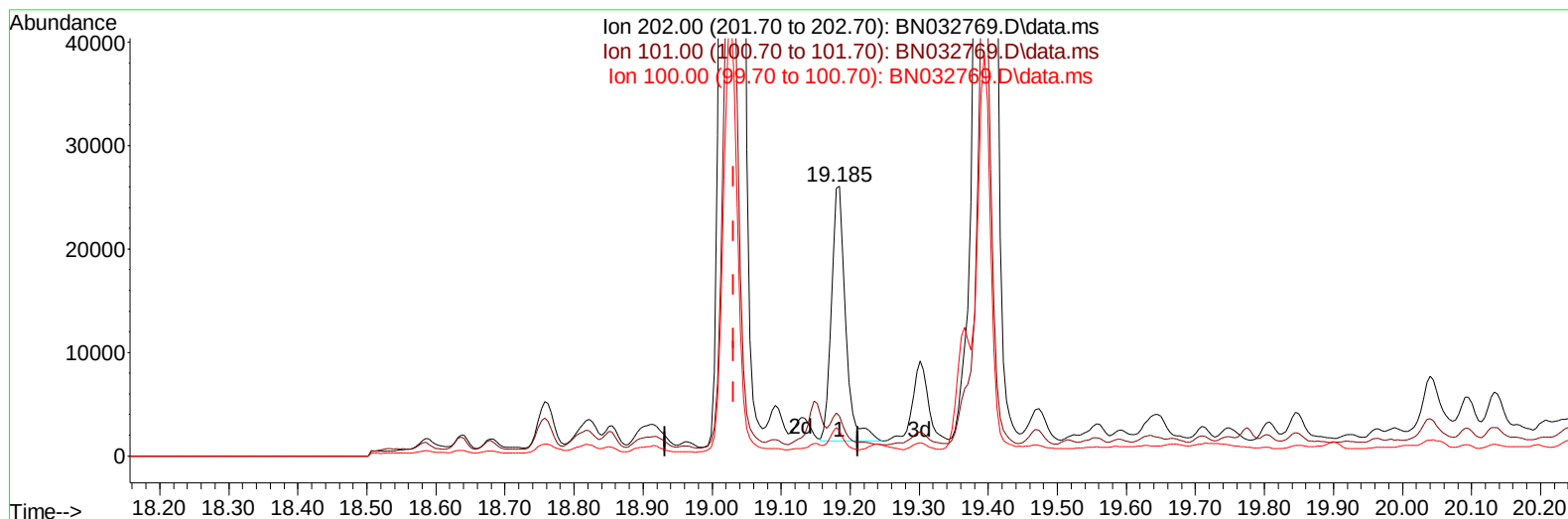
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.153) 0.41 ng/u1

response 35195

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.72
100.00	9.90	9.26
0.00	0.00	0.00

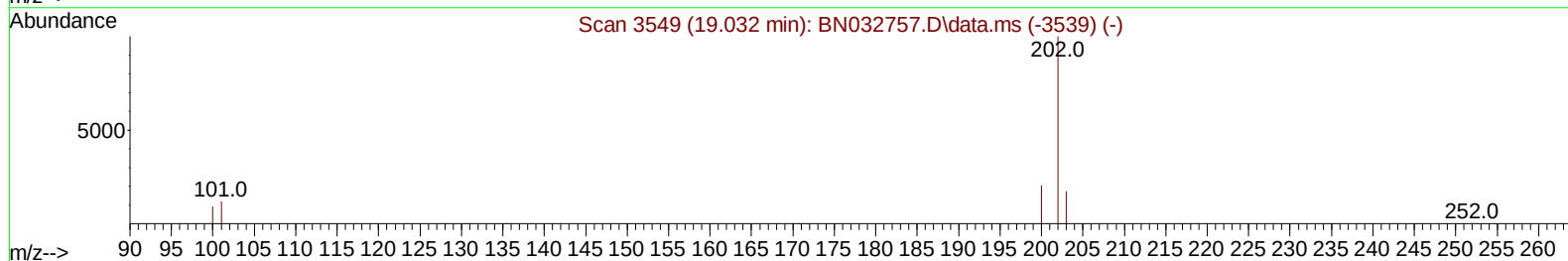
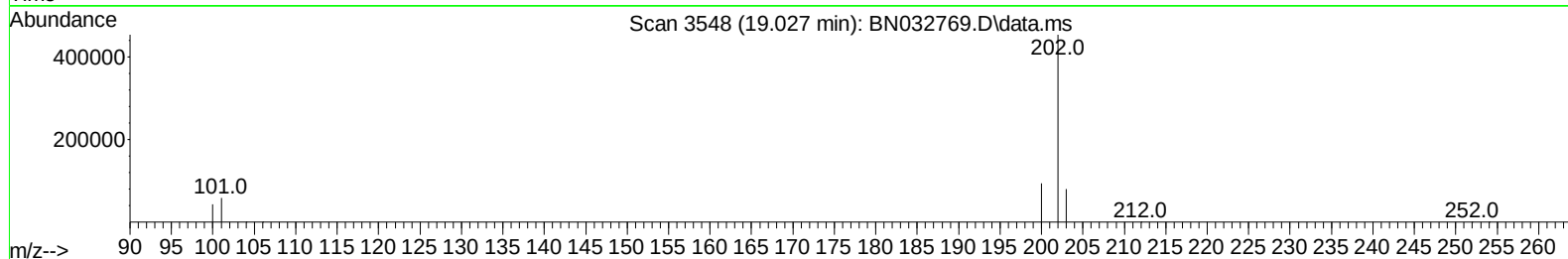
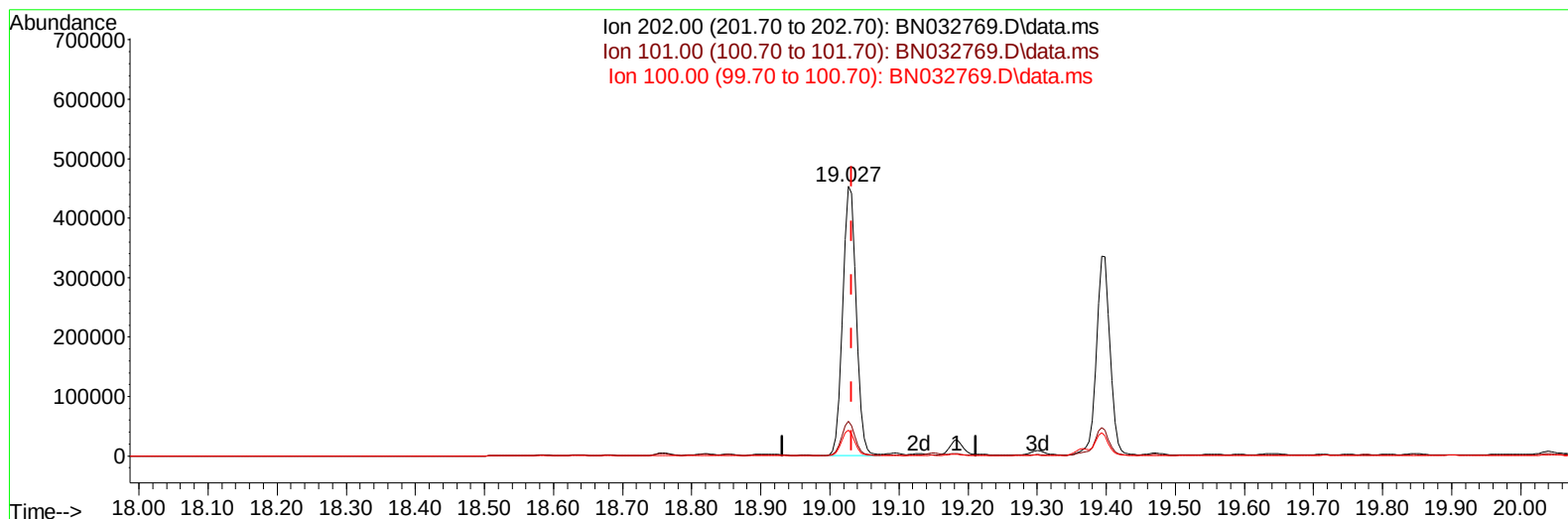
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.005) 7.21 ng/ul m

response 623653

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.86
100.00	9.90	9.67
0.00	0.00	0.00

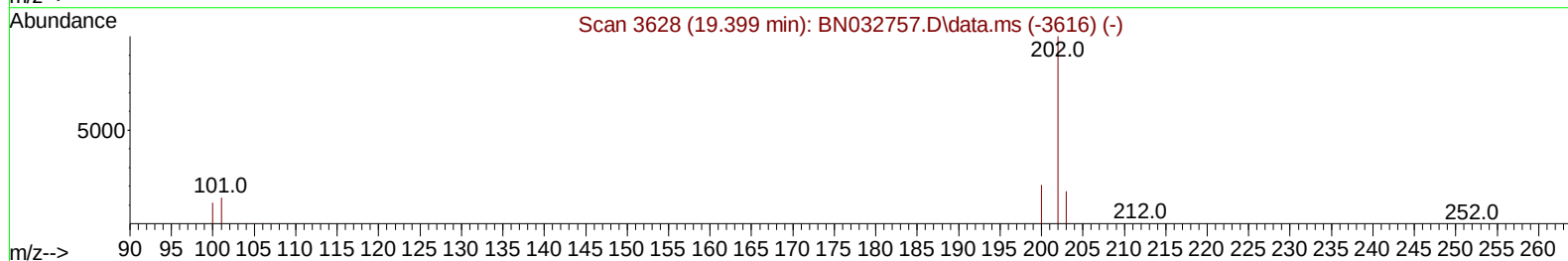
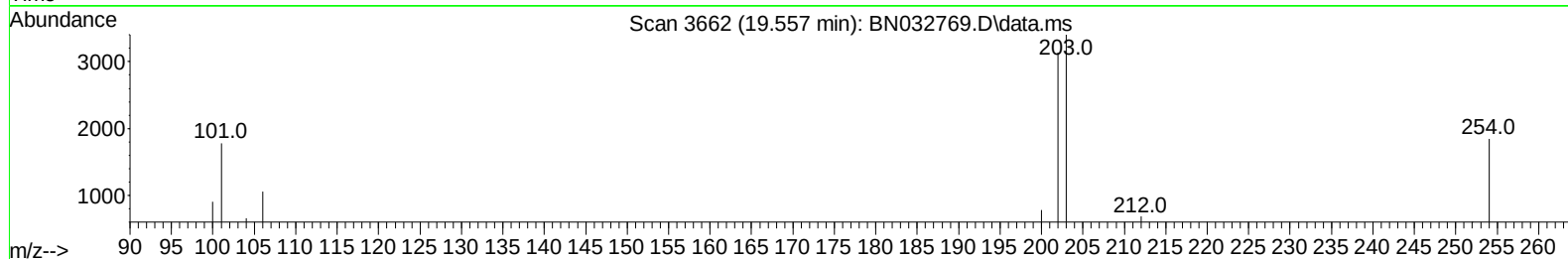
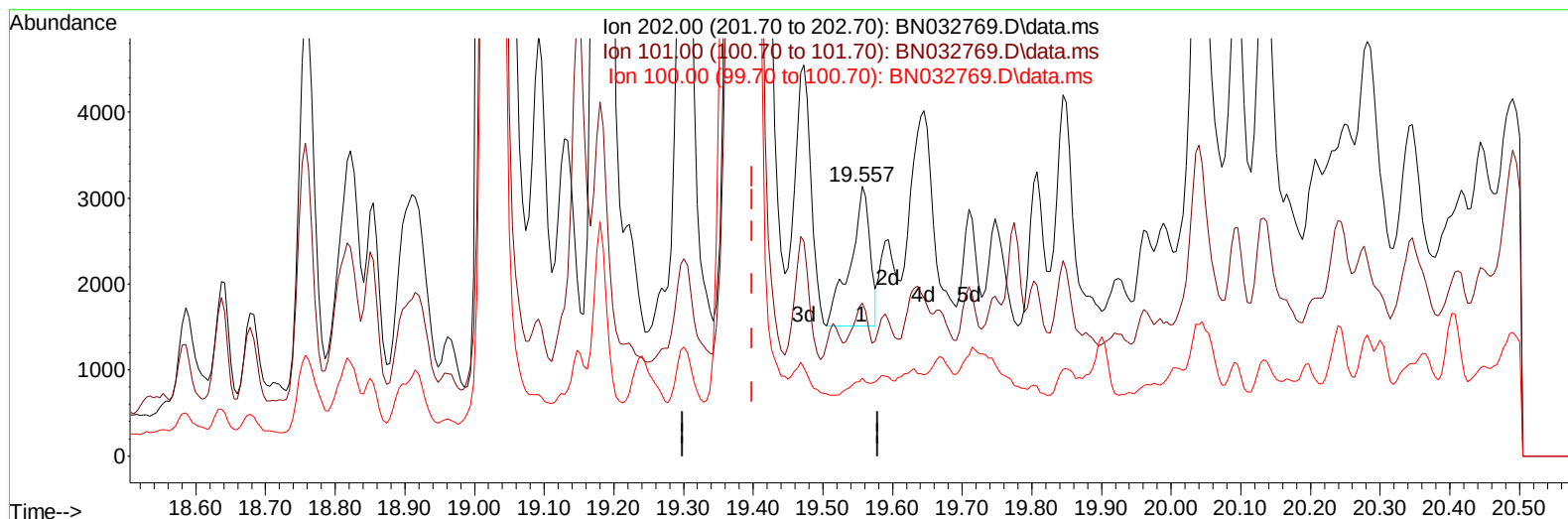
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(20) Pyrene

19.557min (+ 0.158) 0.04 ng/u1

response 3228

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	56.76#
100.00	12.00	28.95#
0.00	0.00	0.00

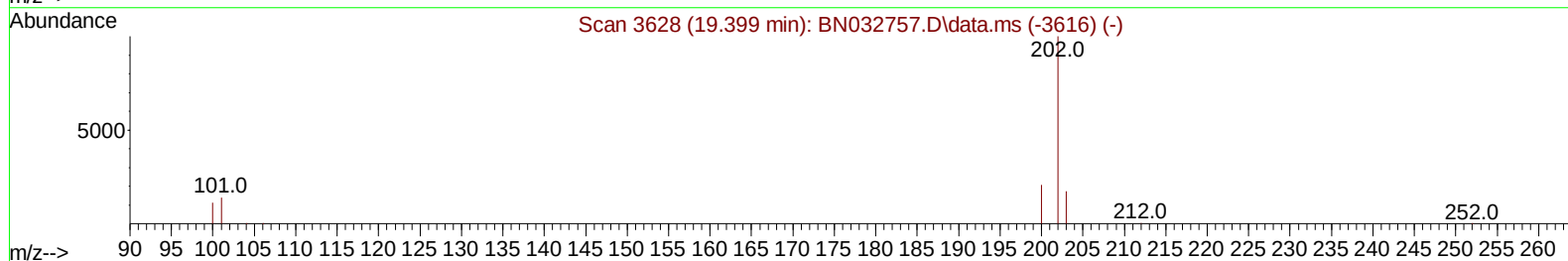
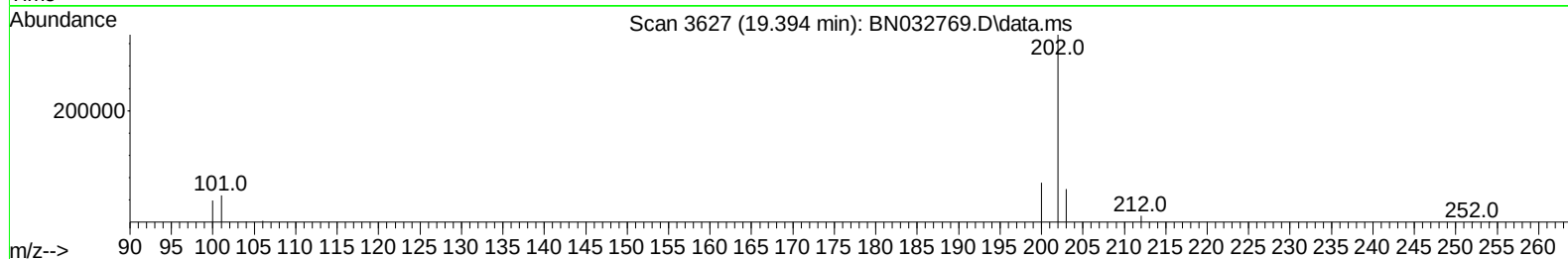
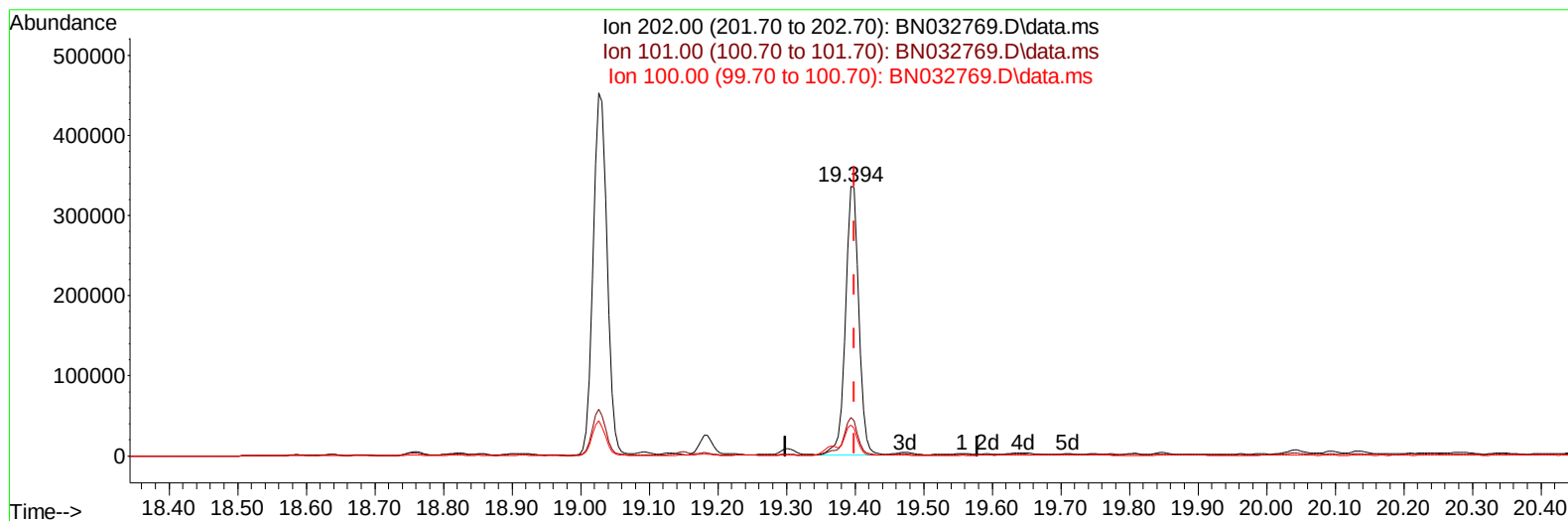
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032769.D\data.ms

(20) Pyrene

19.394min (-0.005) 5.09 ng/ul m

response 455727

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.20
100.00	12.00	11.53
0.00	0.00	0.00

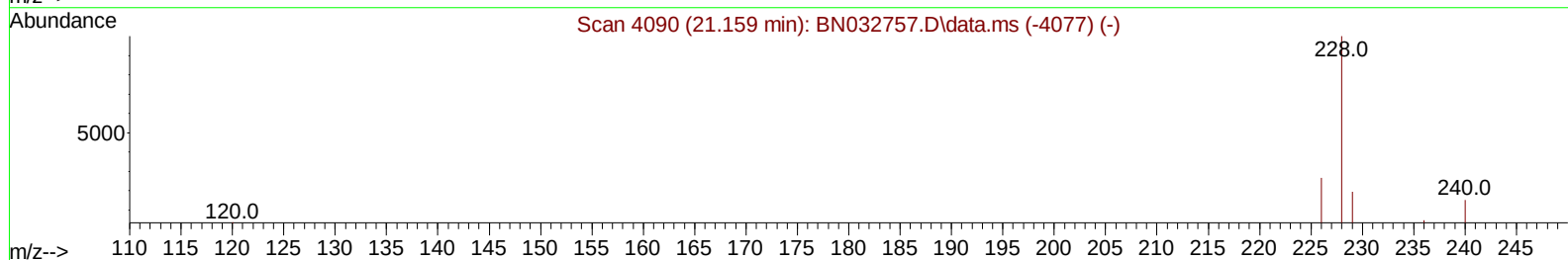
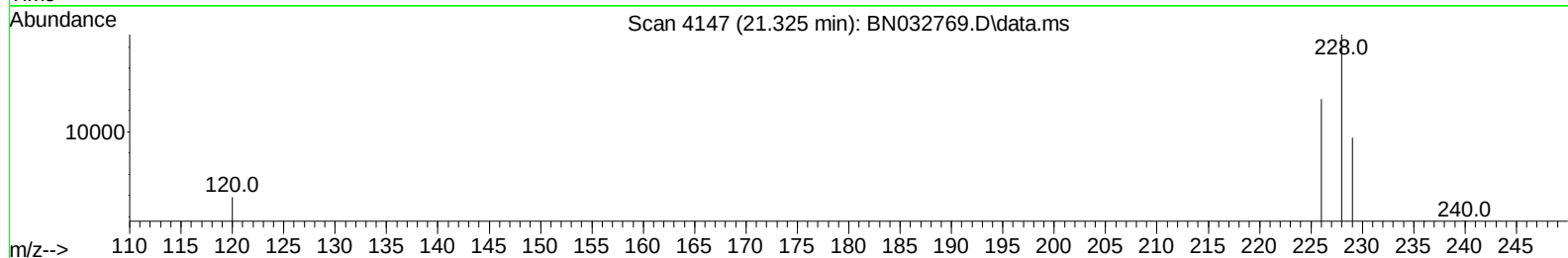
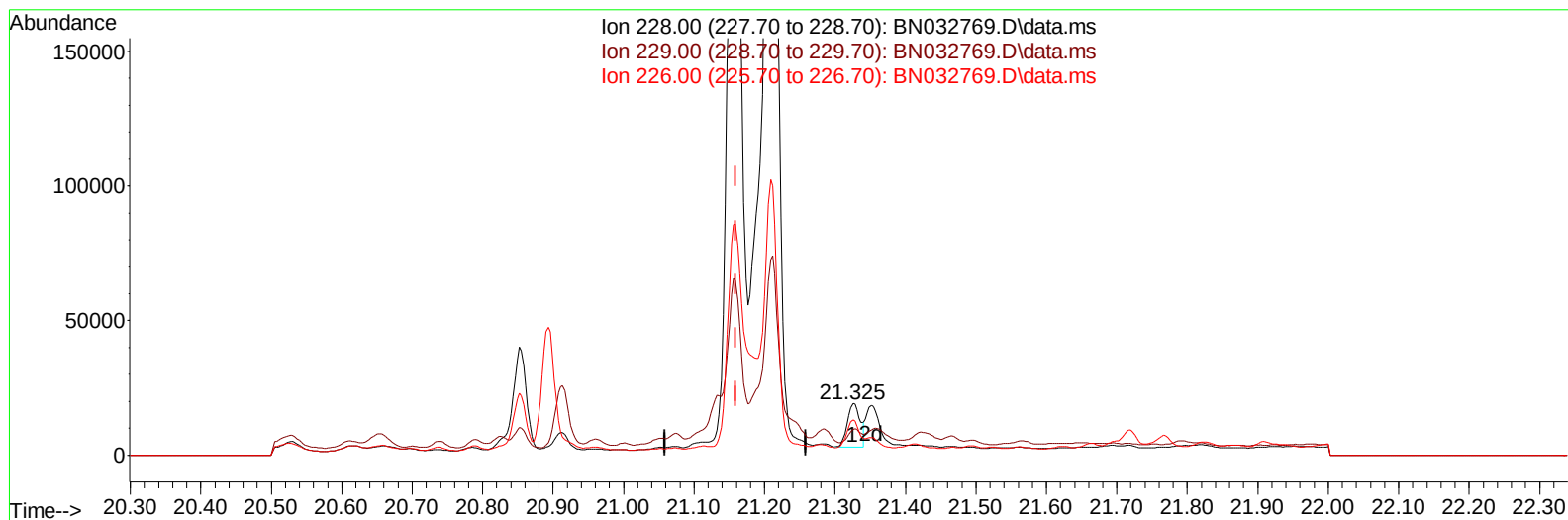
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(21) Benzo(a)anthracene

21.325min (+ 0.166) 0.30 ng/u1

response 20544

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	49.40#
226.00	27.40	68.31#
0.00	0.00	0.00

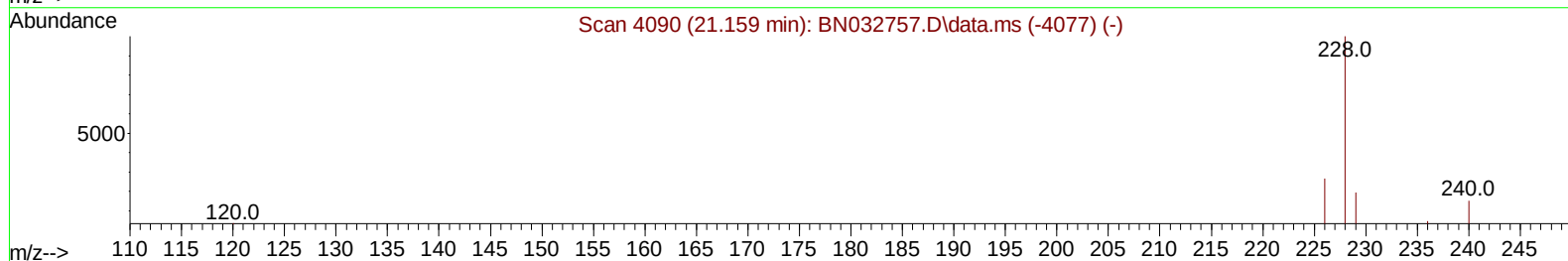
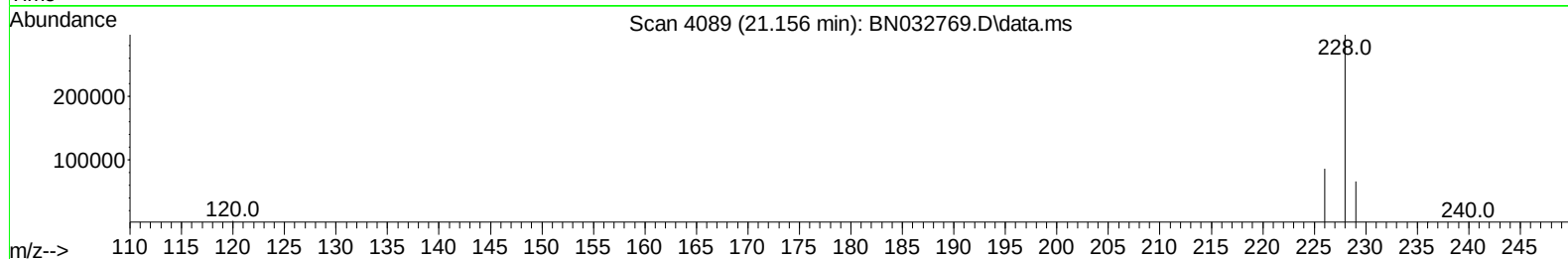
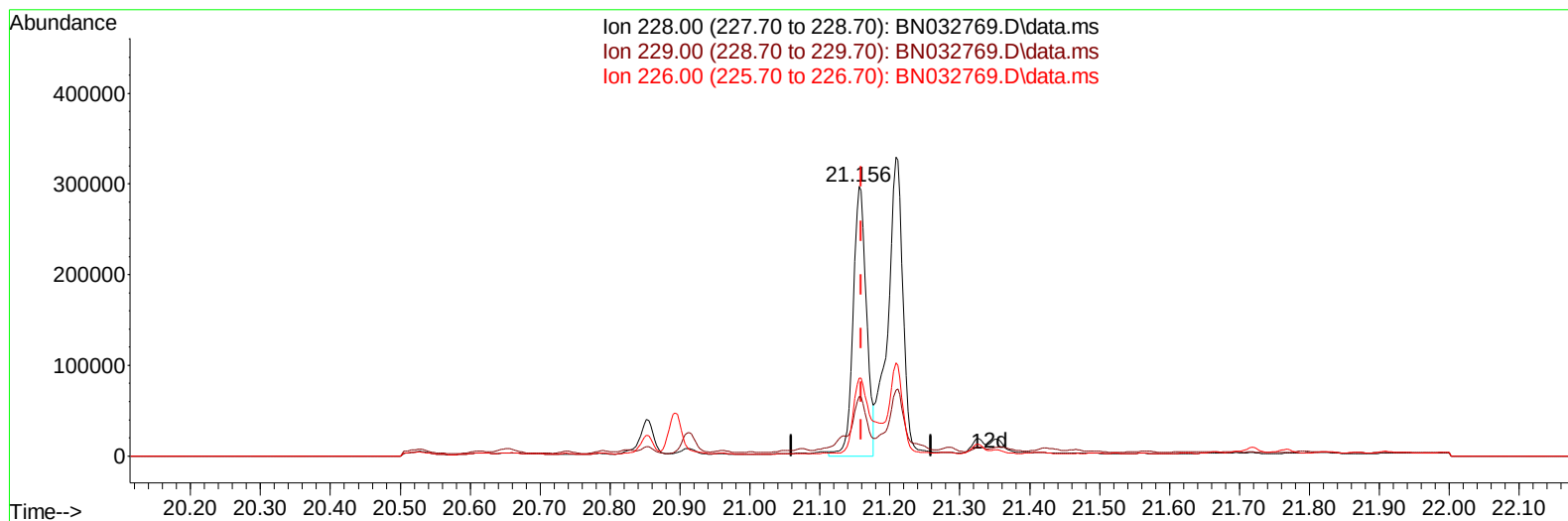
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(21) Benzo(a)anthracene

21.156min (-0.003) 5.85 ng/ul m

response 396333

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.10
226.00	27.40	28.86
0.00	0.00	0.00

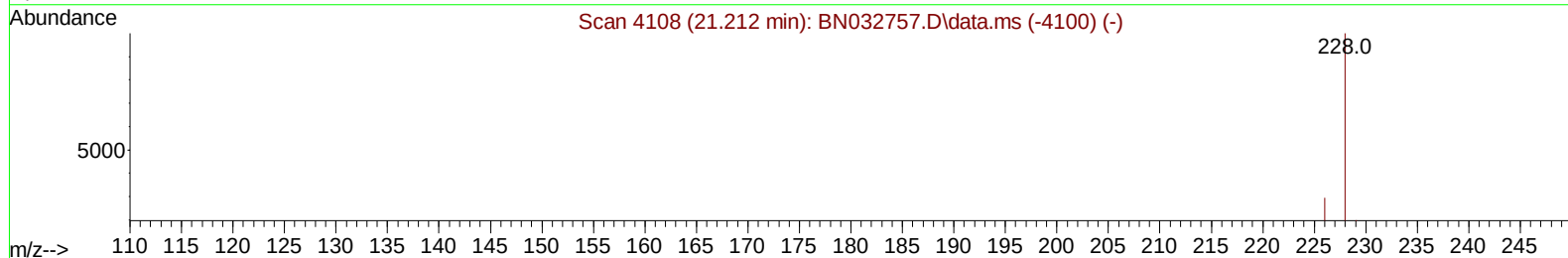
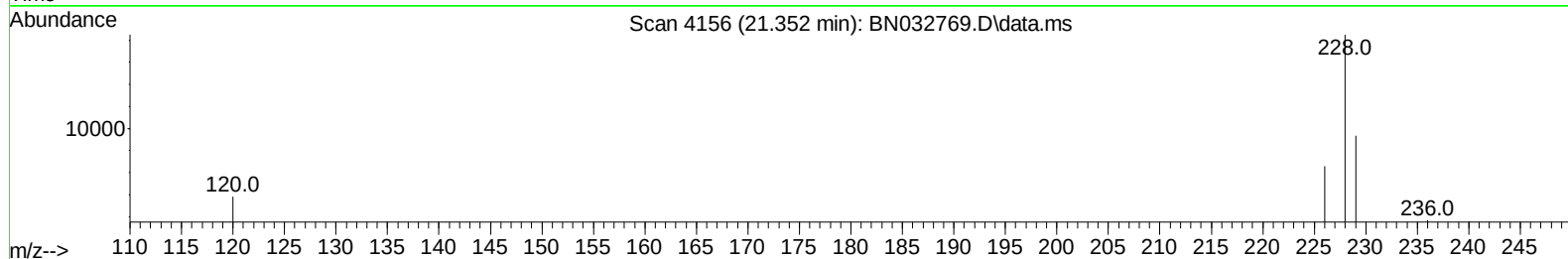
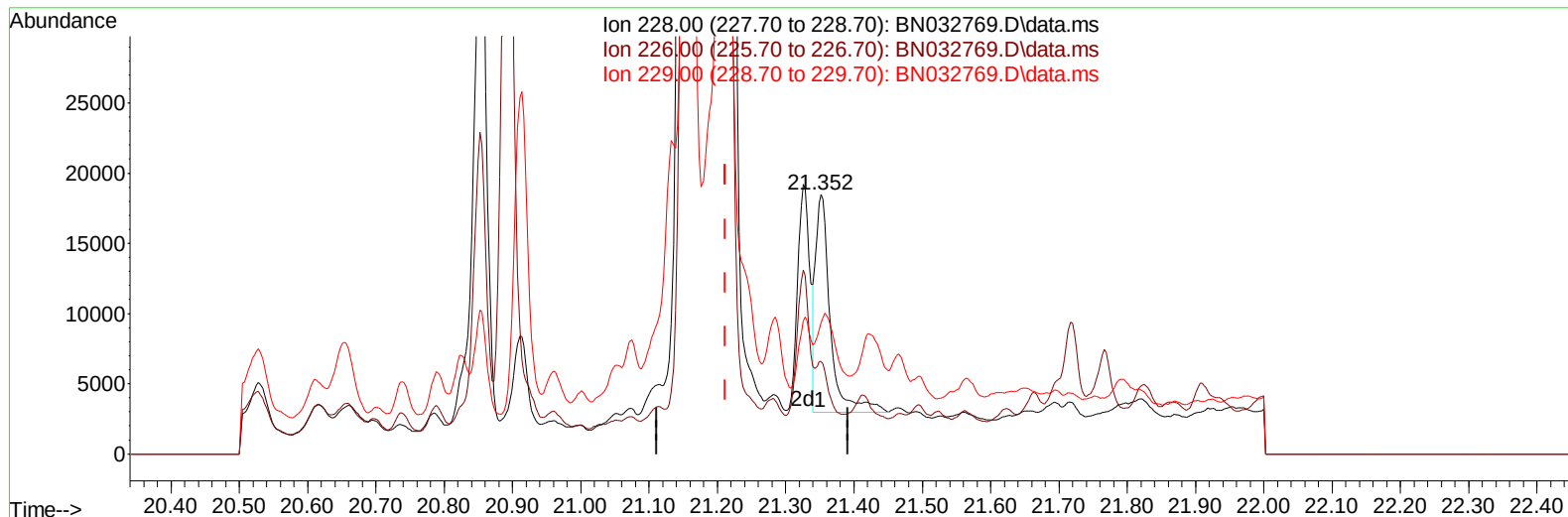
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(22) Chrysene

21.352min (+ 0.140) 0.24 ng/u1

response 23147

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	35.59
229.00	19.70	50.48#
0.00	0.00	0.00

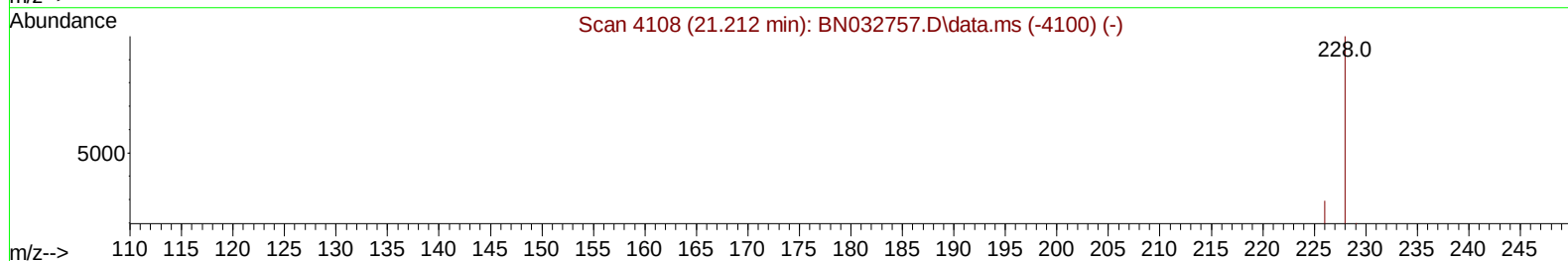
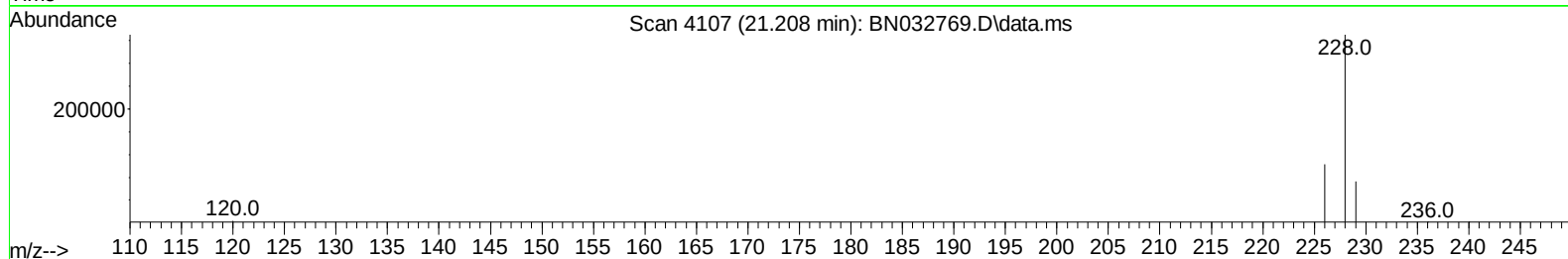
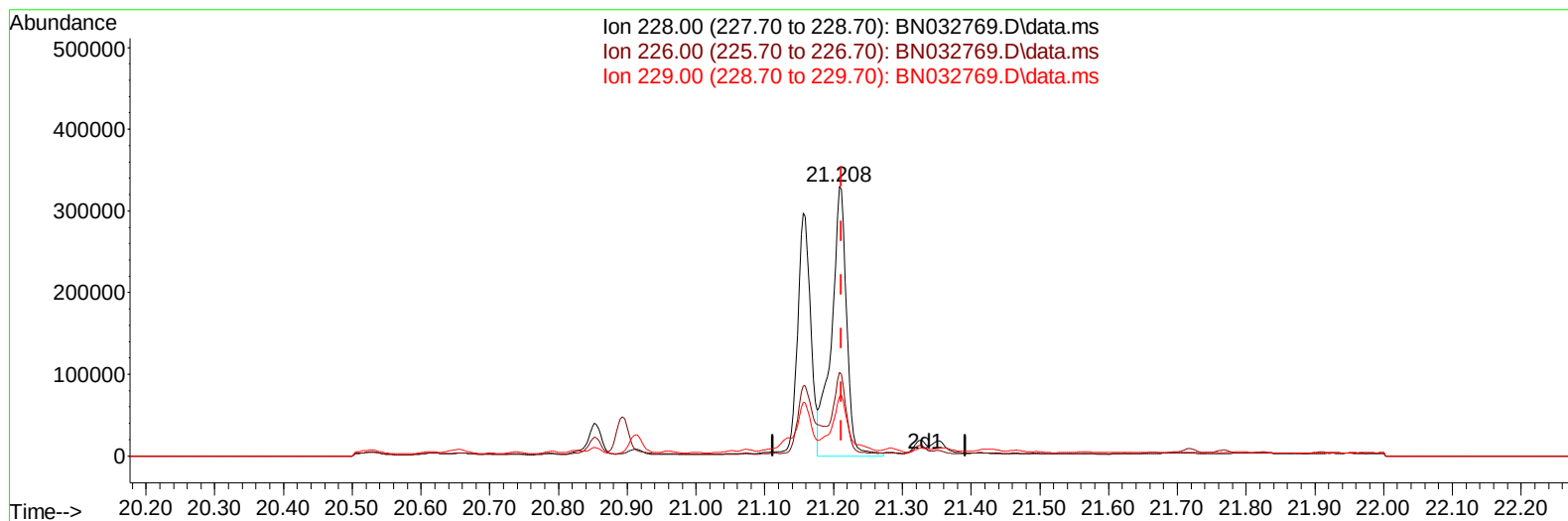
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(22) Chrysene

21.208min (-0.003) 5.19 ng/ul m

response 508371

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	31.04
229.00	19.70	22.08
0.00	0.00	0.00

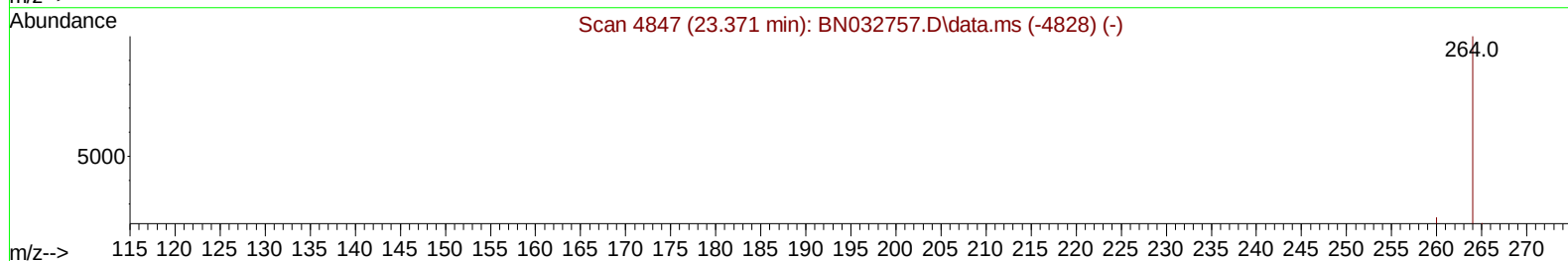
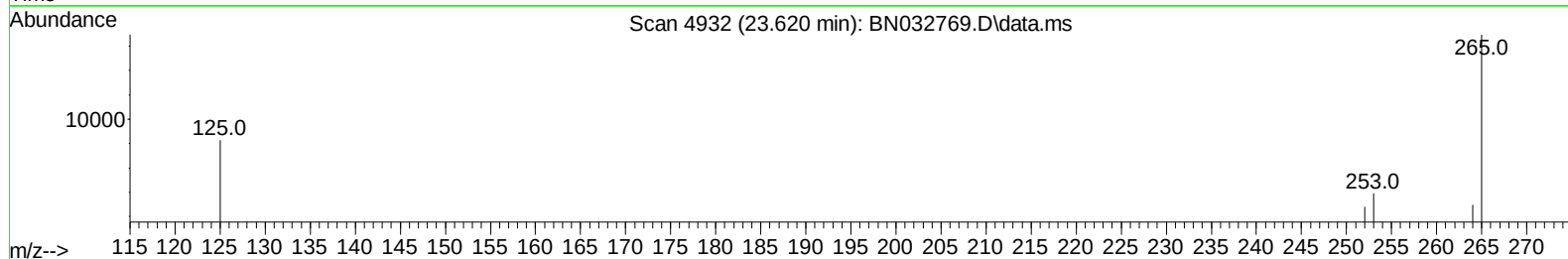
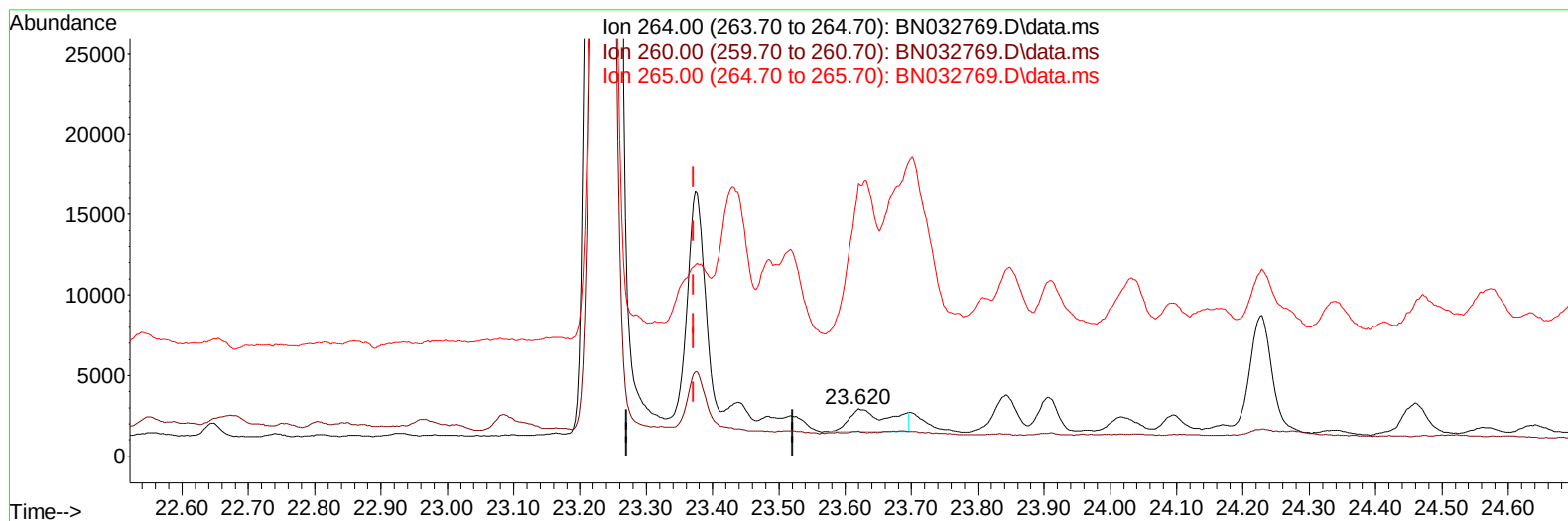
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(23) Perylene-d12 (I)

23.620min (+ 0.248) 0.40 ng/u1

response 6136

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	52.68#
265.00	95.50	575.15#
0.00	0.00	0.00

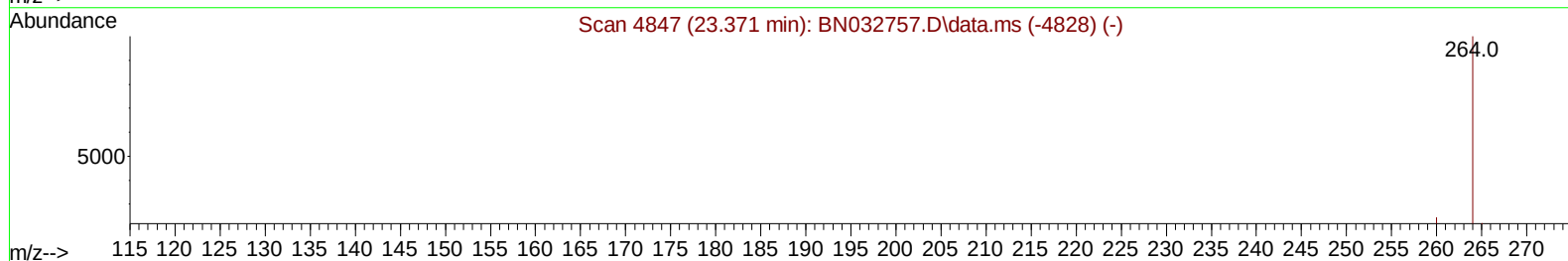
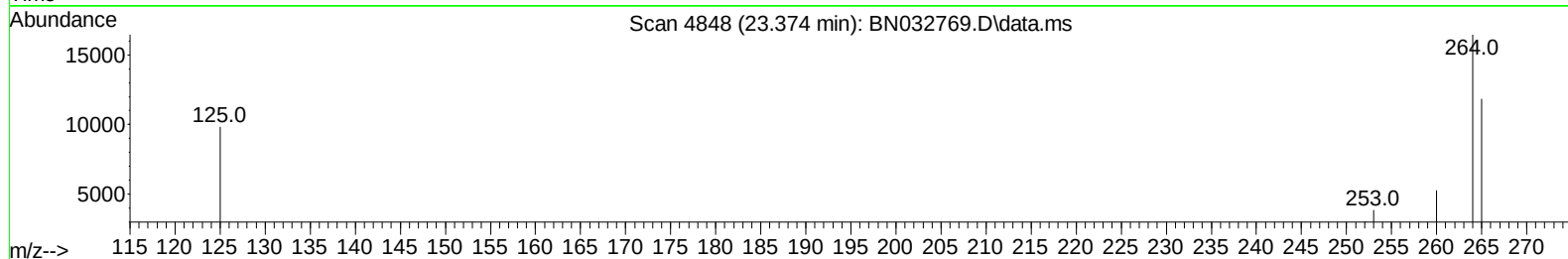
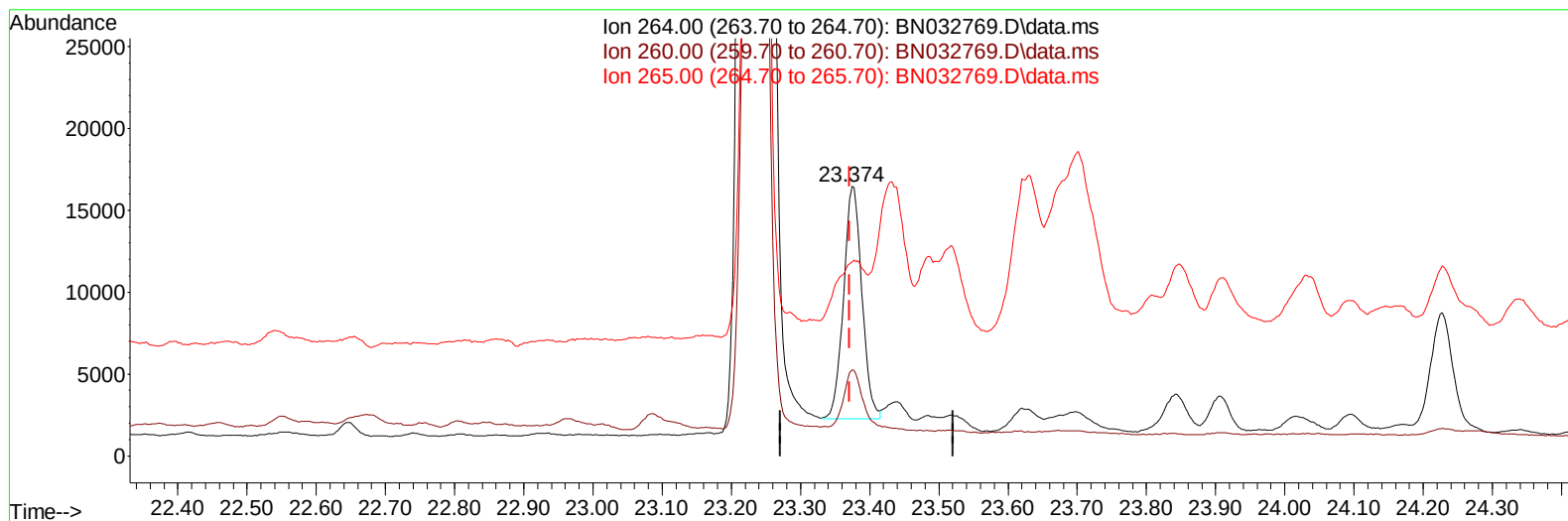
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(23) Perylene-d12 (I)

23.374min (+ 0.003) 0.40 ng/ul m

response 26185

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.87#
265.00	95.50	72.03#
0.00	0.00	0.00

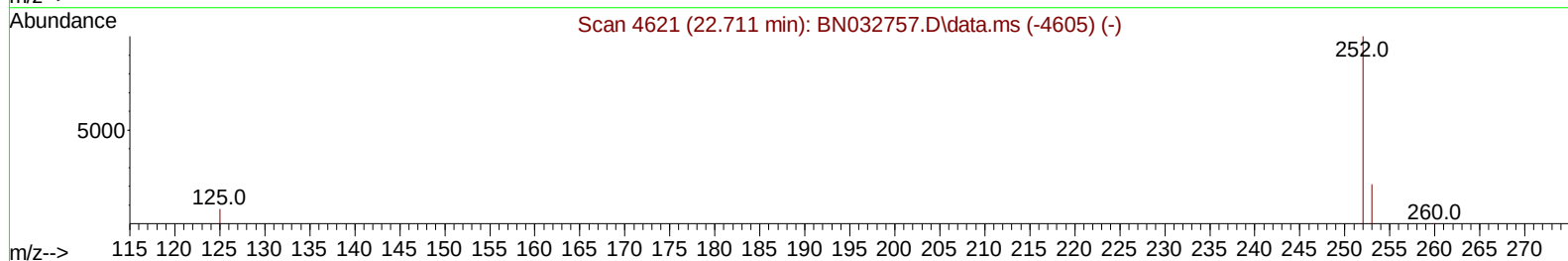
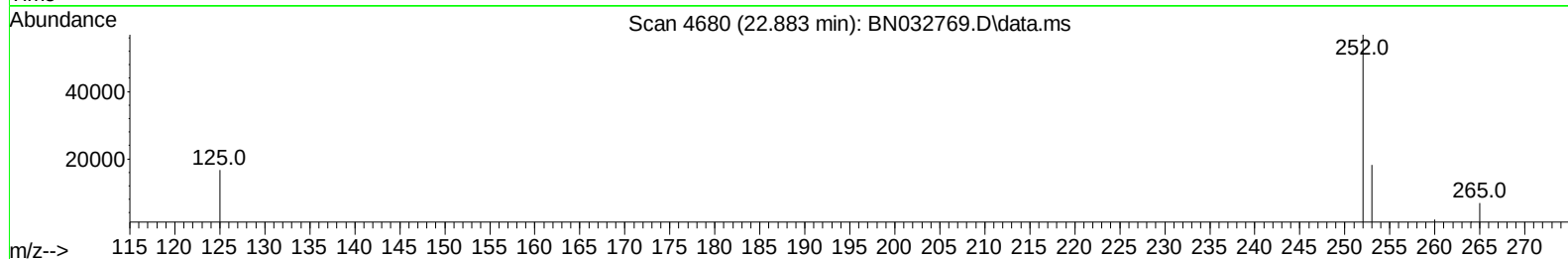
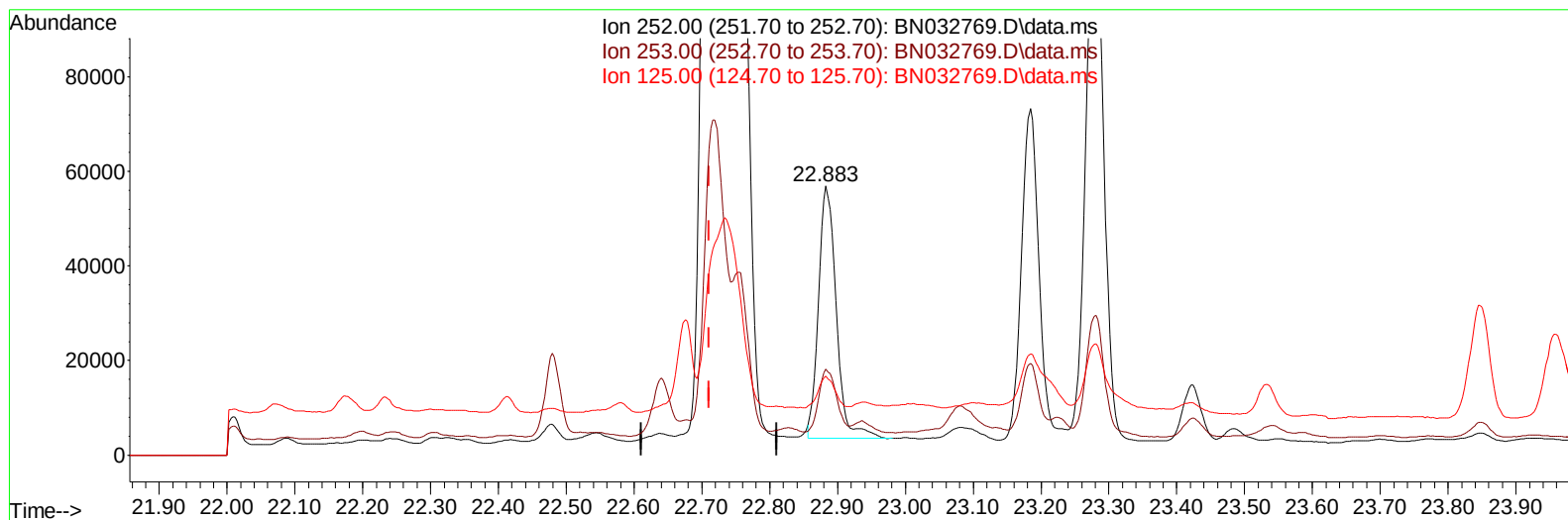
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(24) Benzo(b)fluoranthene

22.883min (+ 0.172) 1.05 ng/u1

response 97023

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.95
125.00	18.00	29.42
0.00	0.00	0.00

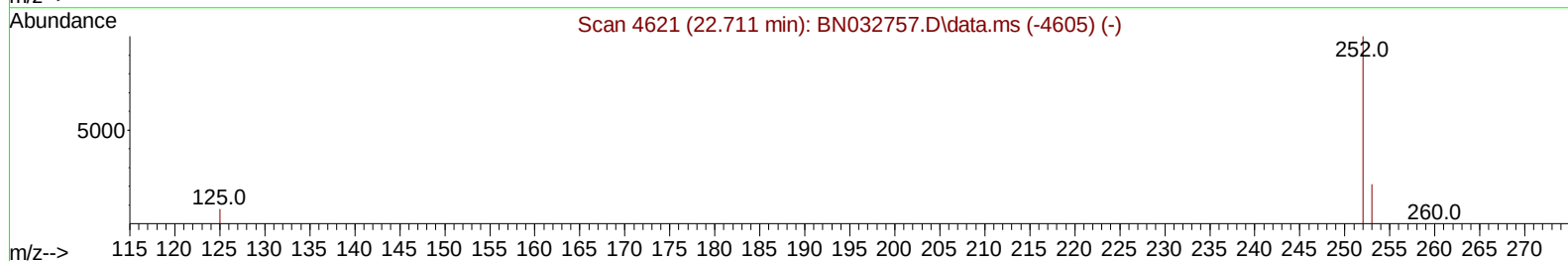
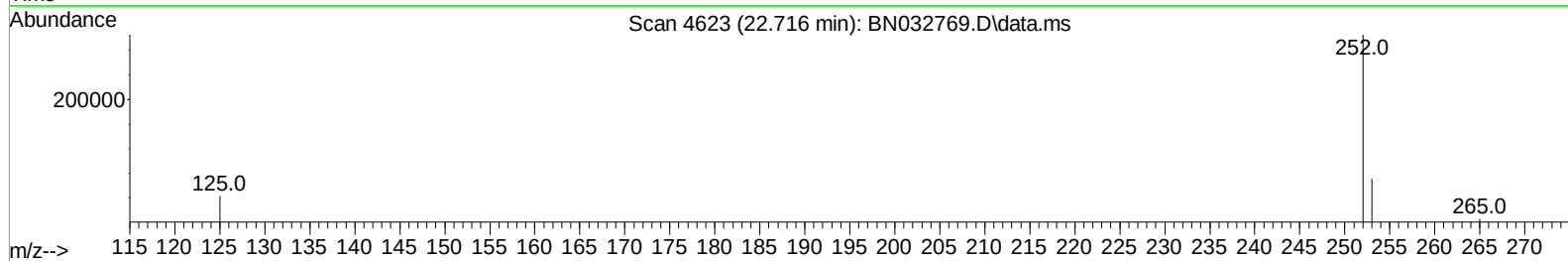
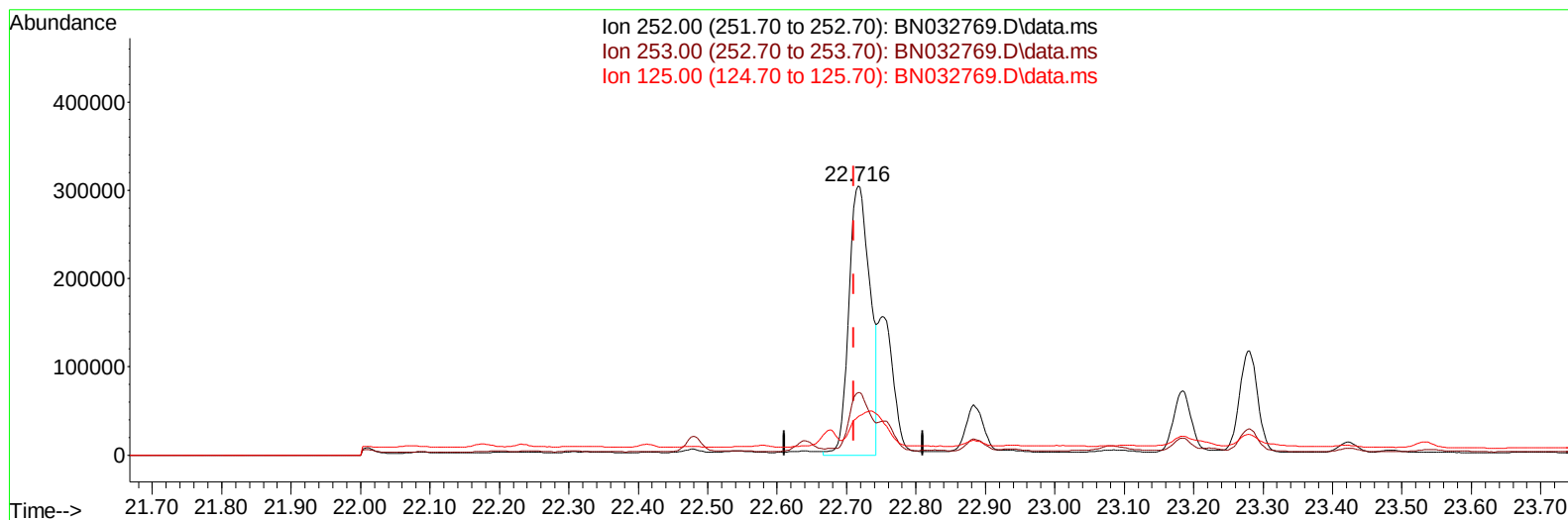
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (+ 0.006) 7.05 ng/ul m

response 650942

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.26
125.00	18.00	14.28
0.00	0.00	0.00

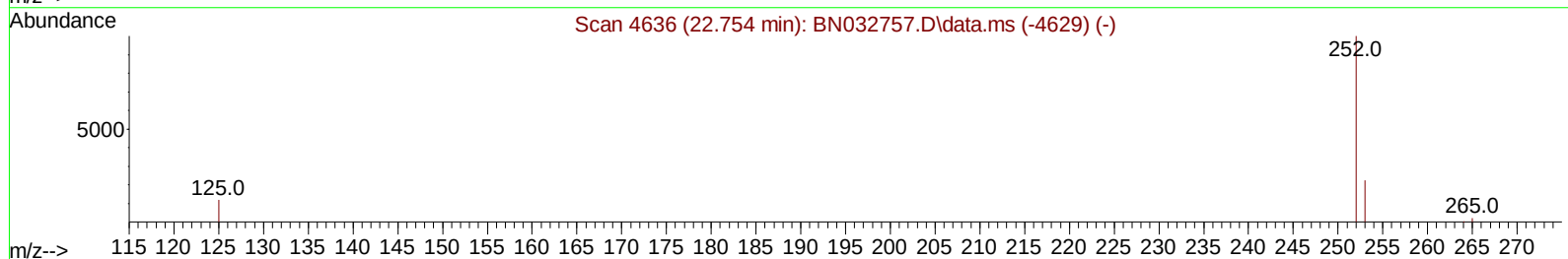
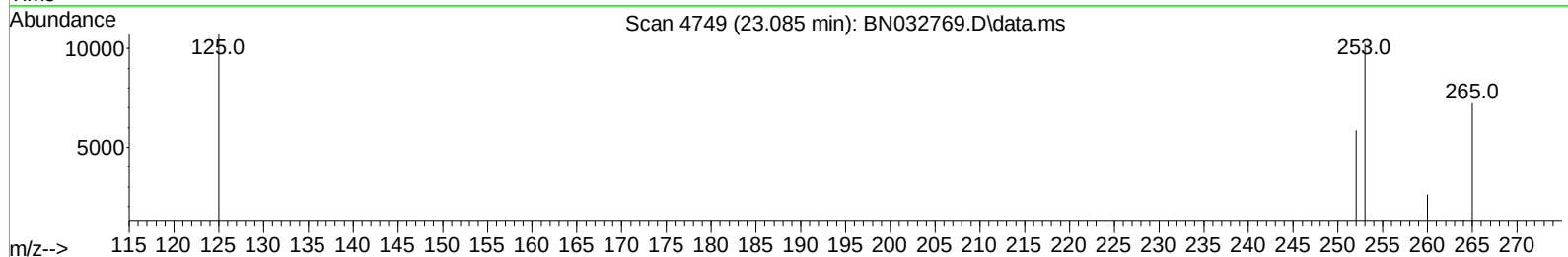
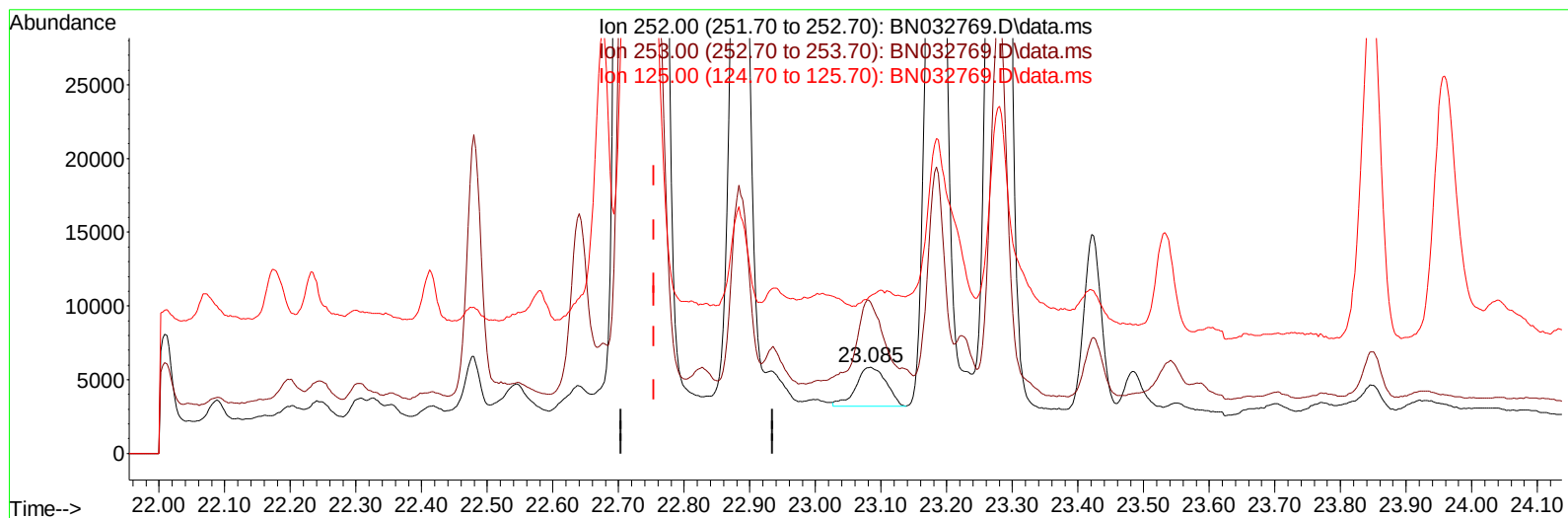
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(25) Benzo(k)fluoranthene

23.085min (+ 0.330) 0.08 ng/u1

response 8525

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	174.76#
125.00	18.50	183.08#
0.00	0.00	0.00

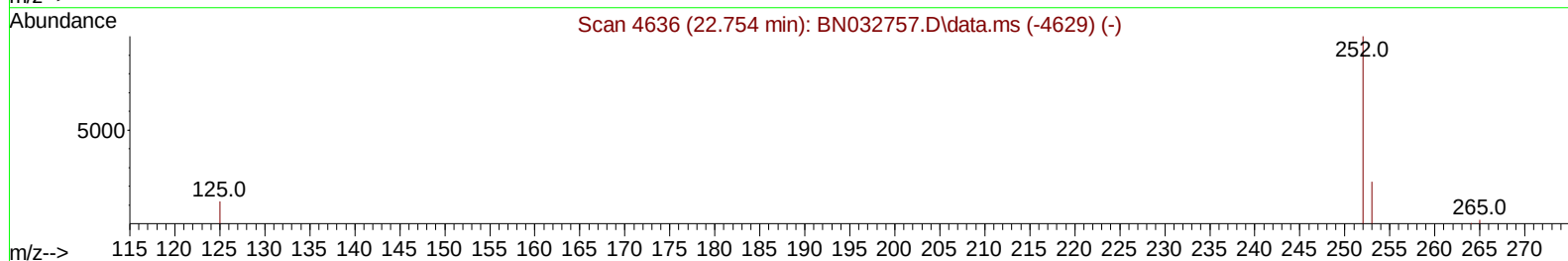
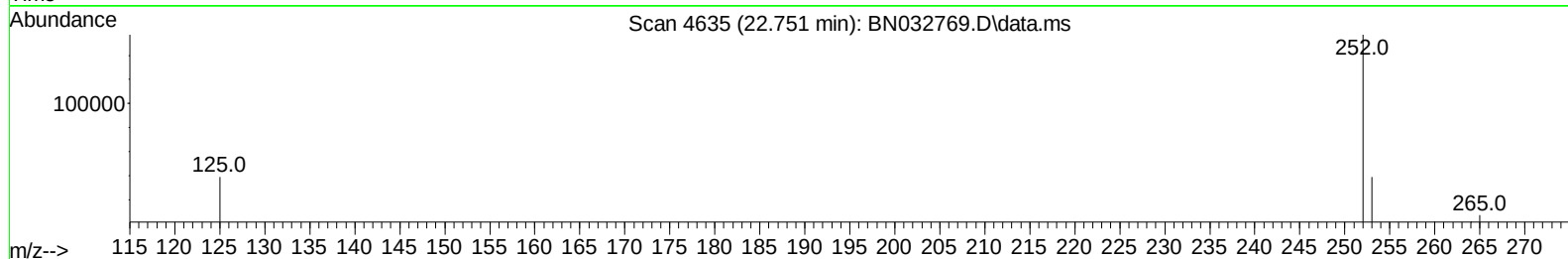
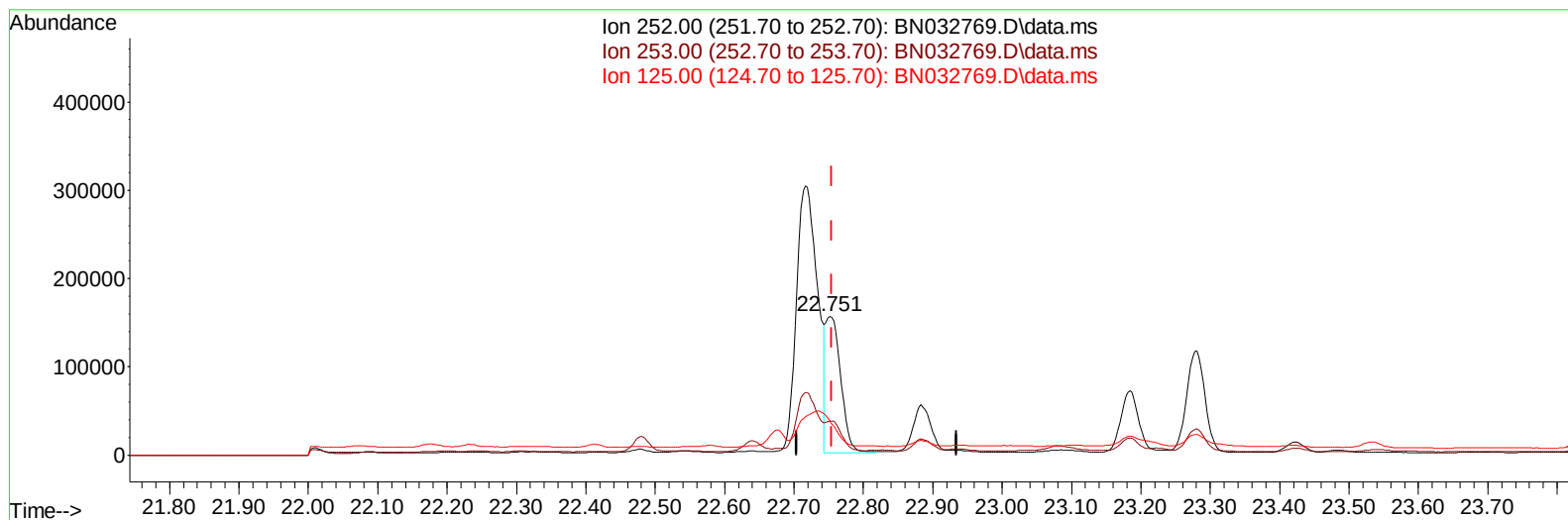
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.003) 2.11 ng/ul m

response 238085

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.54
125.00	18.50	24.75#
0.00	0.00	0.00

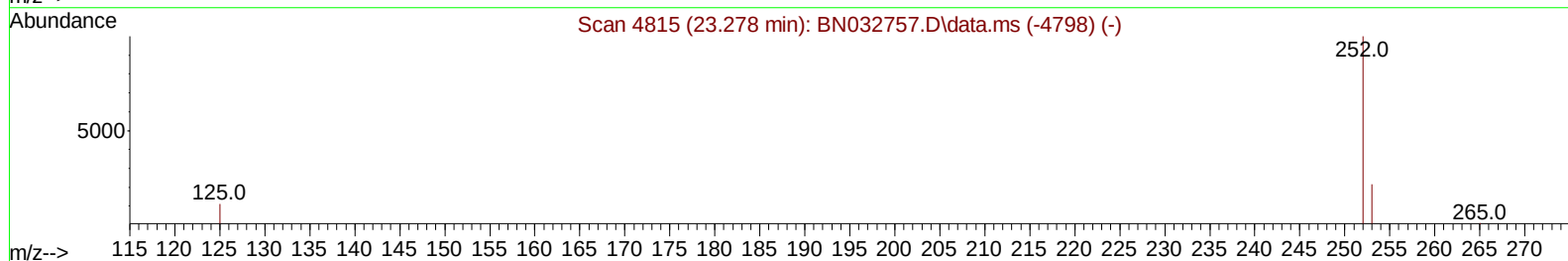
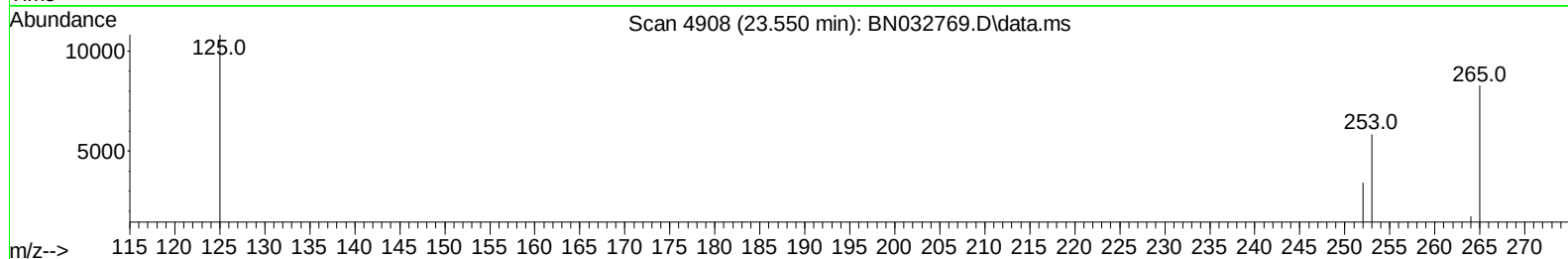
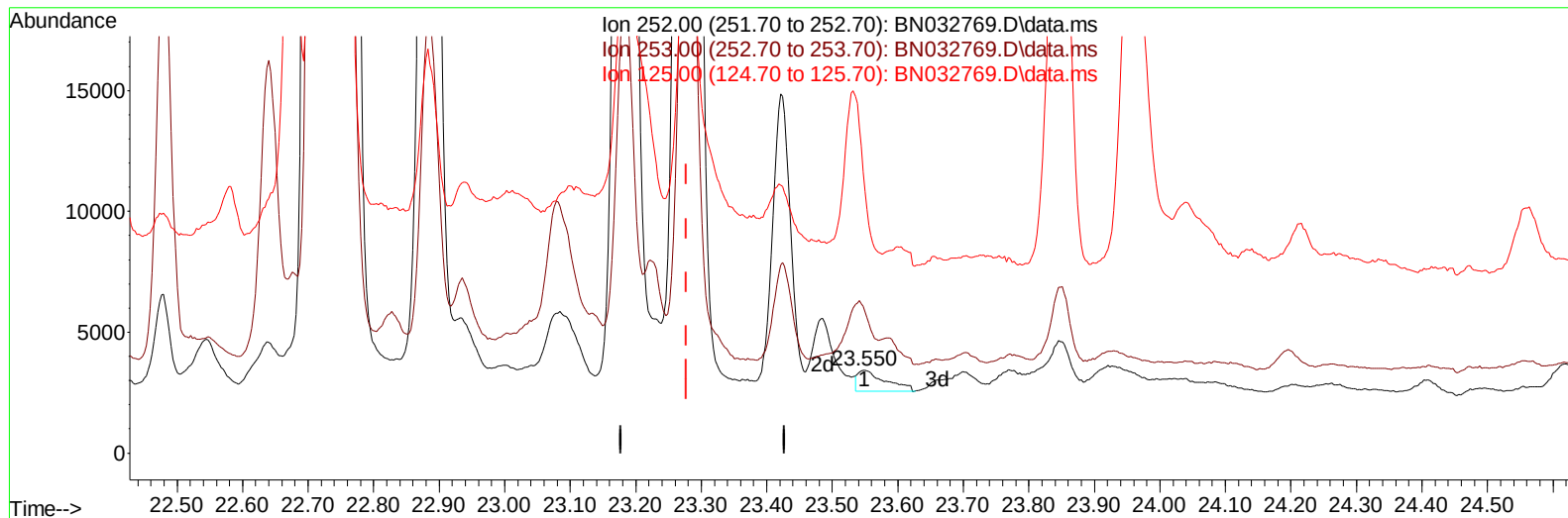
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(26) Benzo(a)pyrene (C)

23.550min (+ 0.272) 0.03 ng/u1

response 2478

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	170.09#
125.00	25.70	315.39#
0.00	0.00	0.00

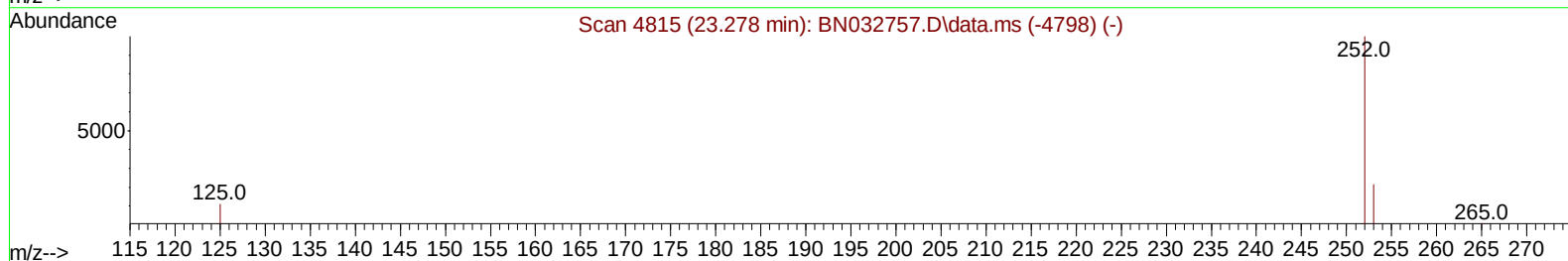
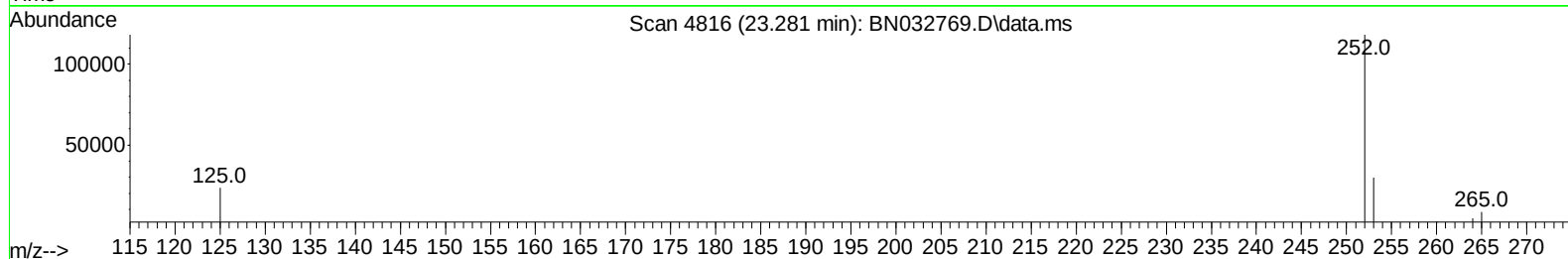
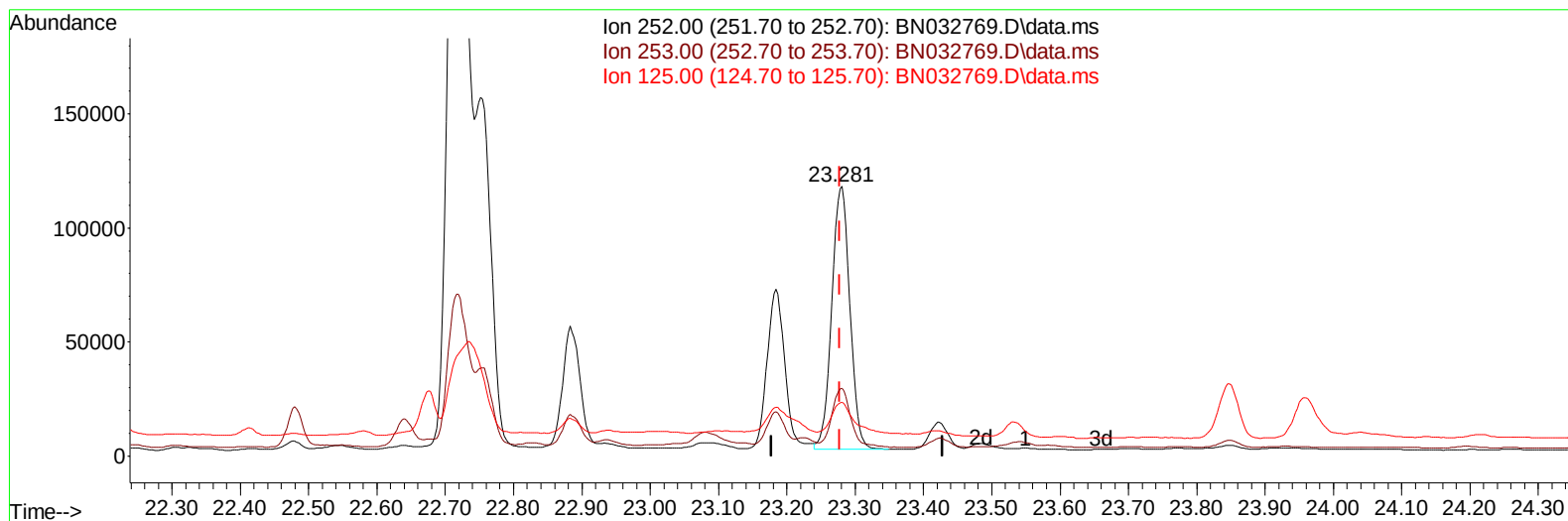
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(26) Benzo(a)pyrene (C)

23.281min (+ 0.003) 2.66 ng/ul m

response 212738

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.03#
125.00	25.70	19.93#
0.00	0.00	0.00

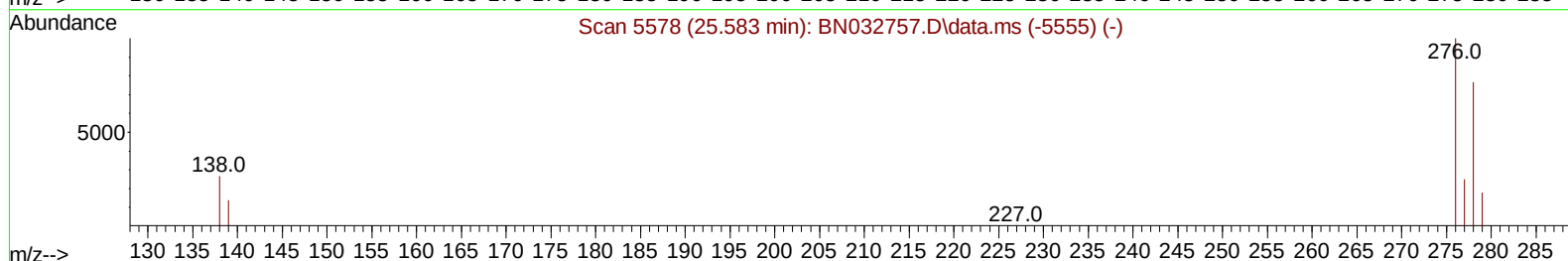
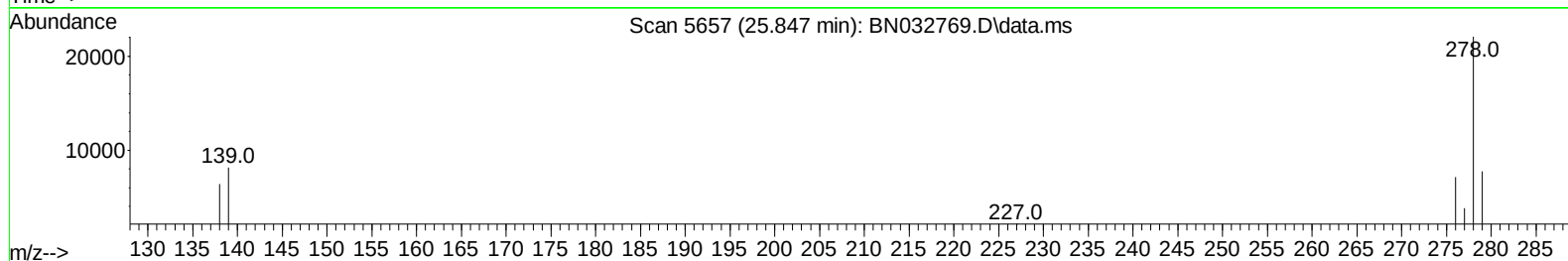
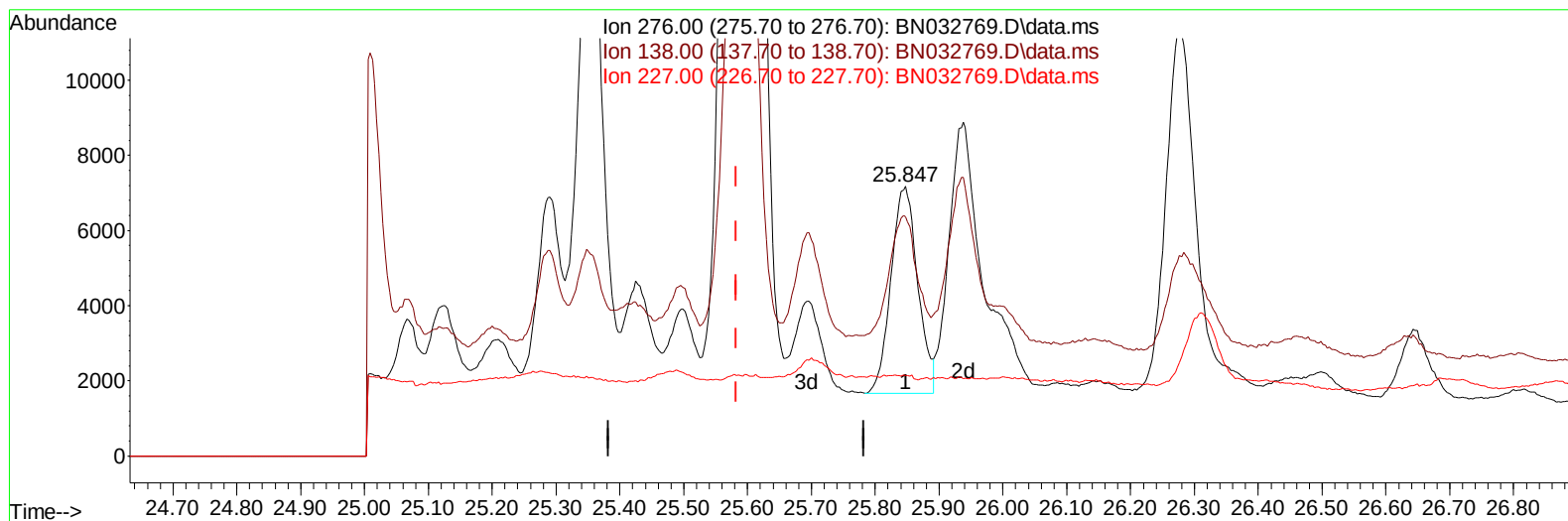
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

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

25.847min (+ 0.265) 0.15 ng/u1

response 16094

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	61.31#
227.00	0.00	2.14#
0.00	0.00	0.00

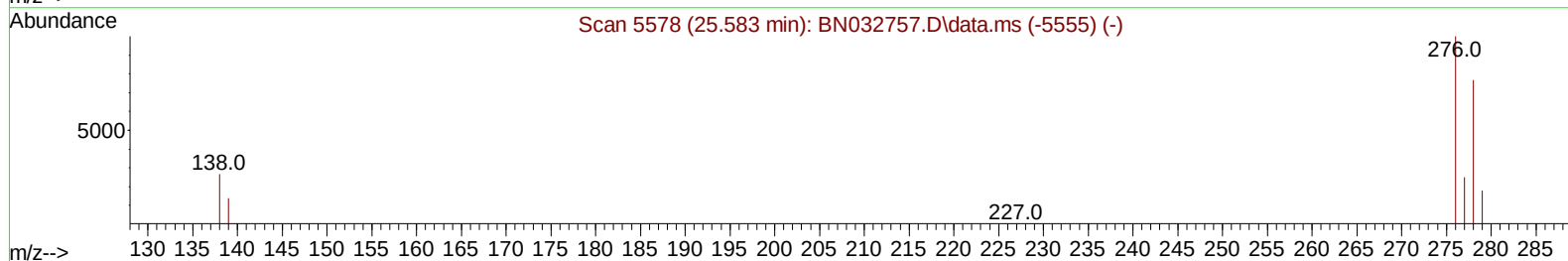
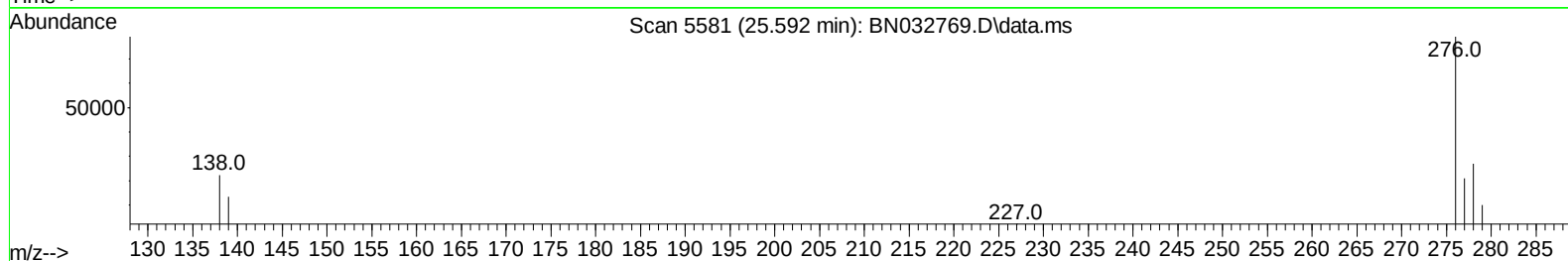
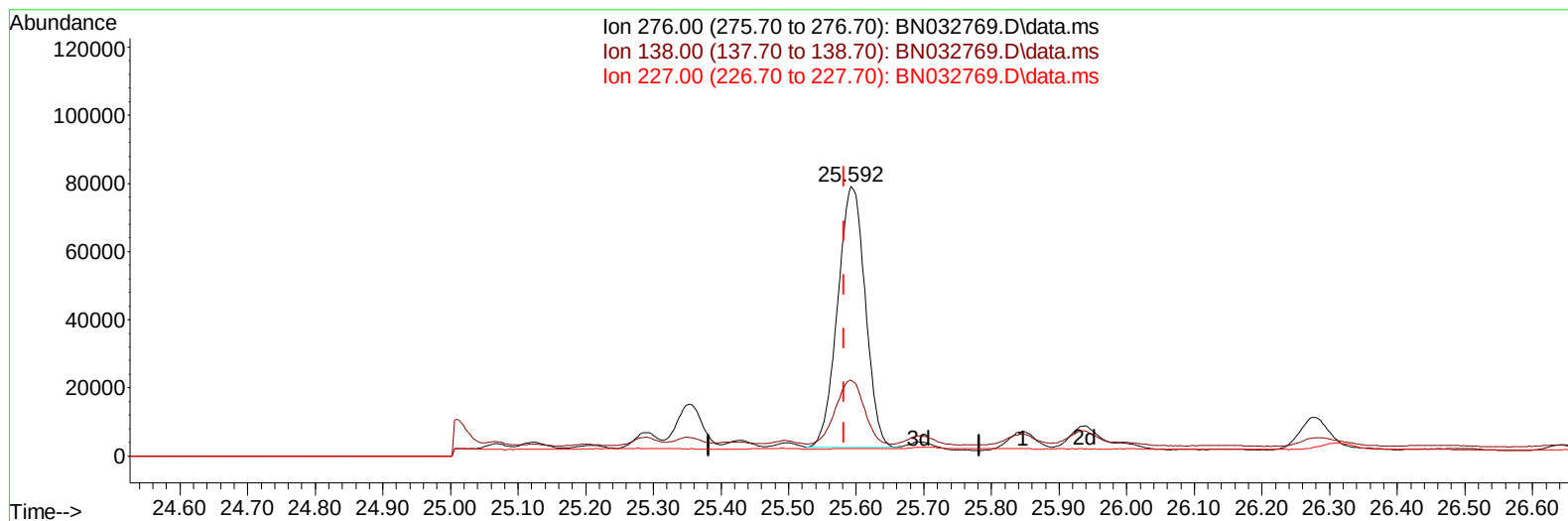
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

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

25.592min (+ 0.010) 2.01 ng/ul m

response 217816

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.53#
227.00	0.00	0.16#
0.00	0.00	0.00

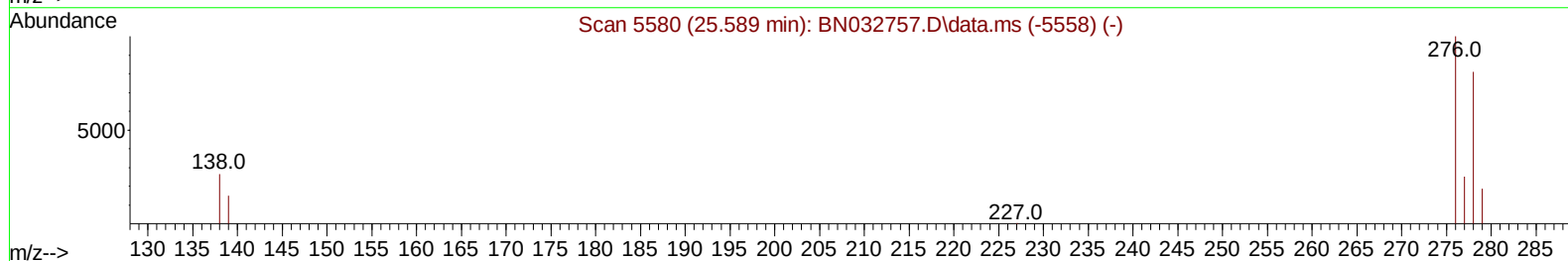
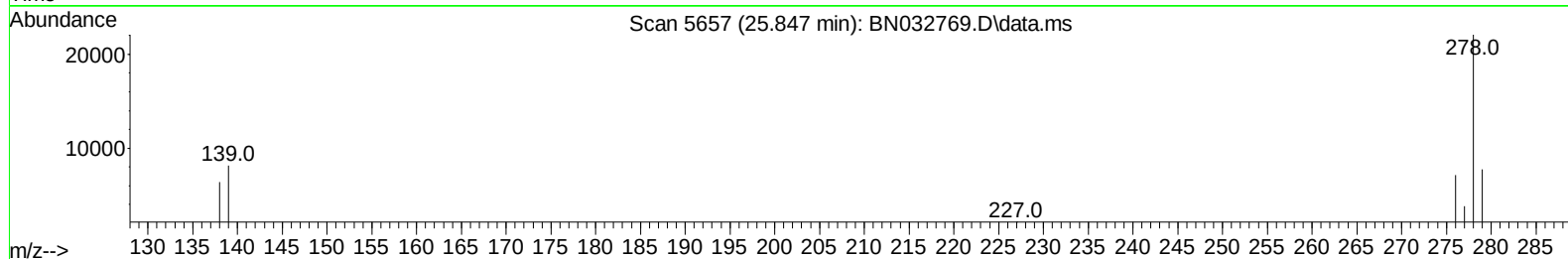
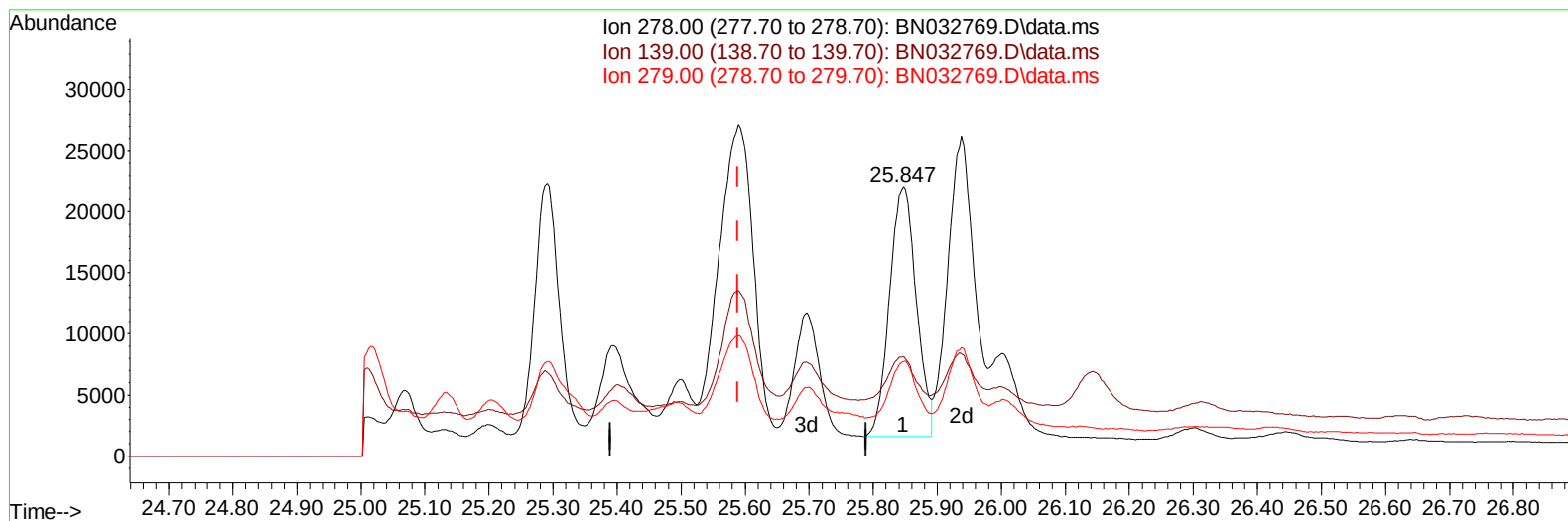
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(28) Dibenzo(a,h)anthracene

25.847min (+ 0.258) 0.71 ng/u1

response 59737

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	36.88#
279.00	29.60	35.09
0.00	0.00	0.00

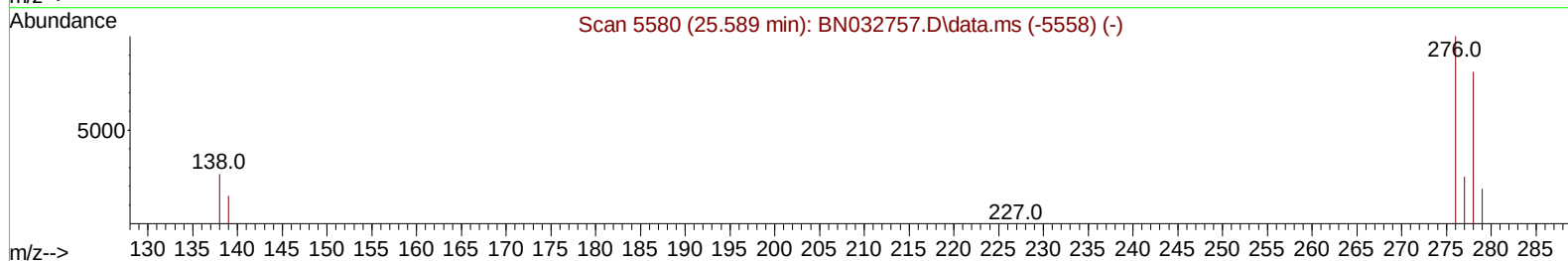
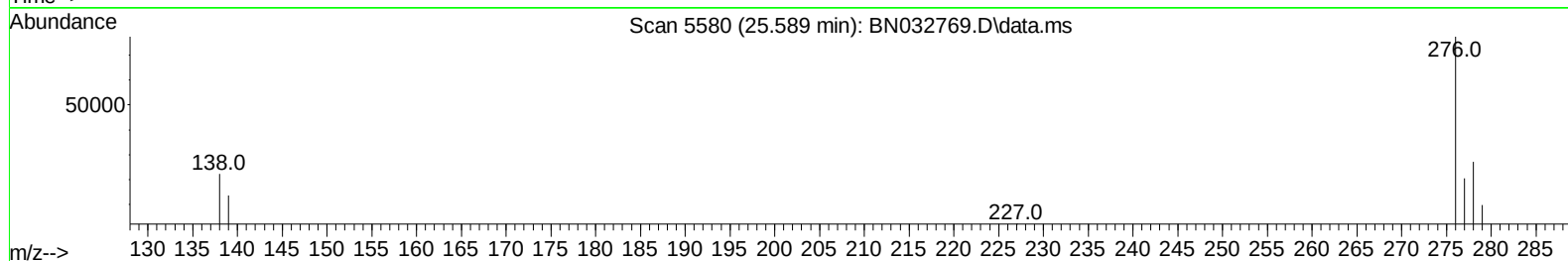
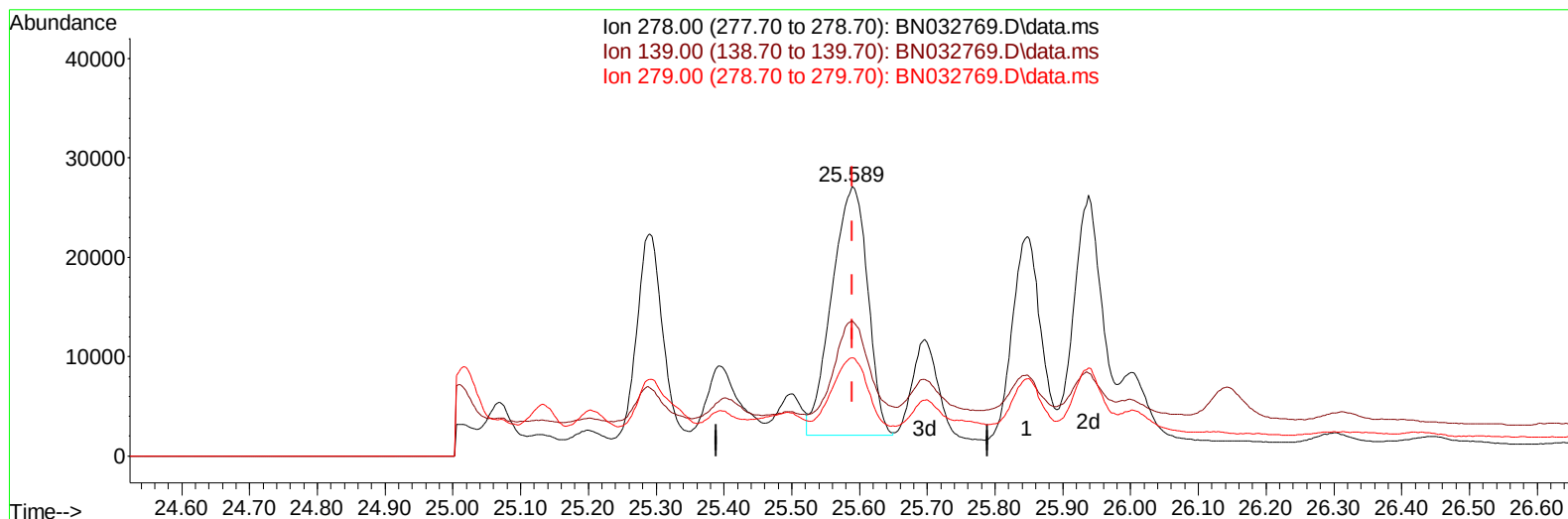
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

(28) Dibenzo(a,h)anthracene

25.589min (-0.000) 1.09 ng/ul m

response 91879

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	50.02#
279.00	29.60	36.37#
0.00	0.00	0.00

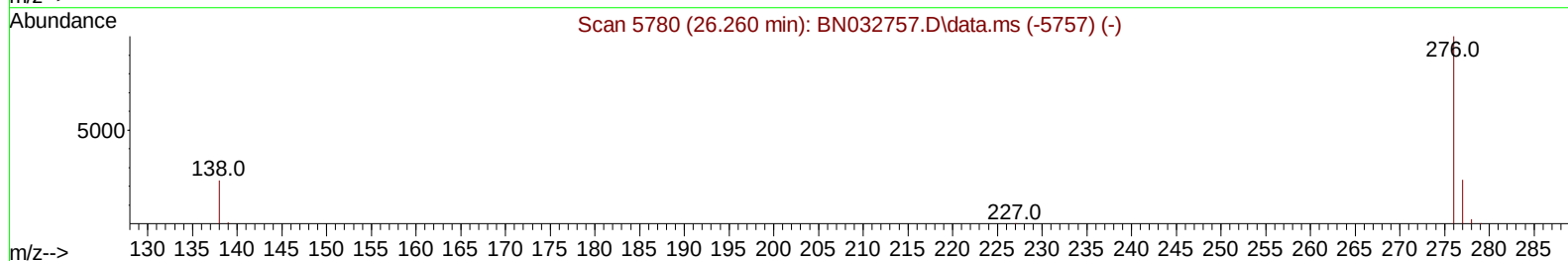
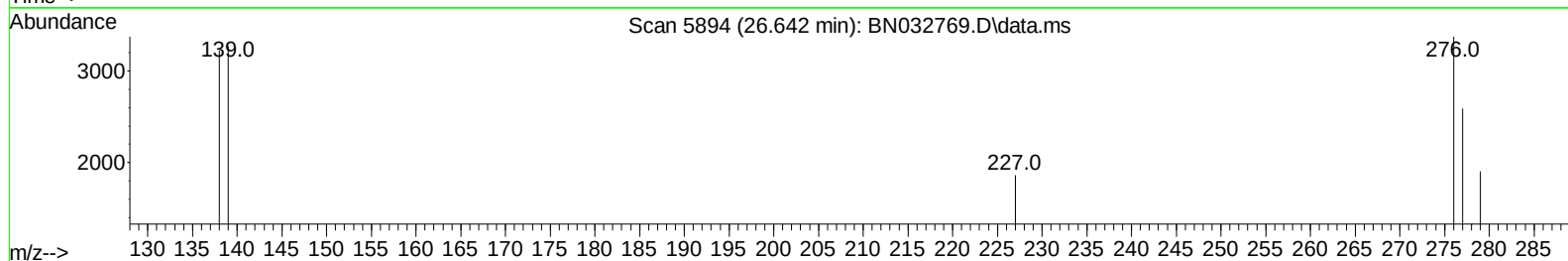
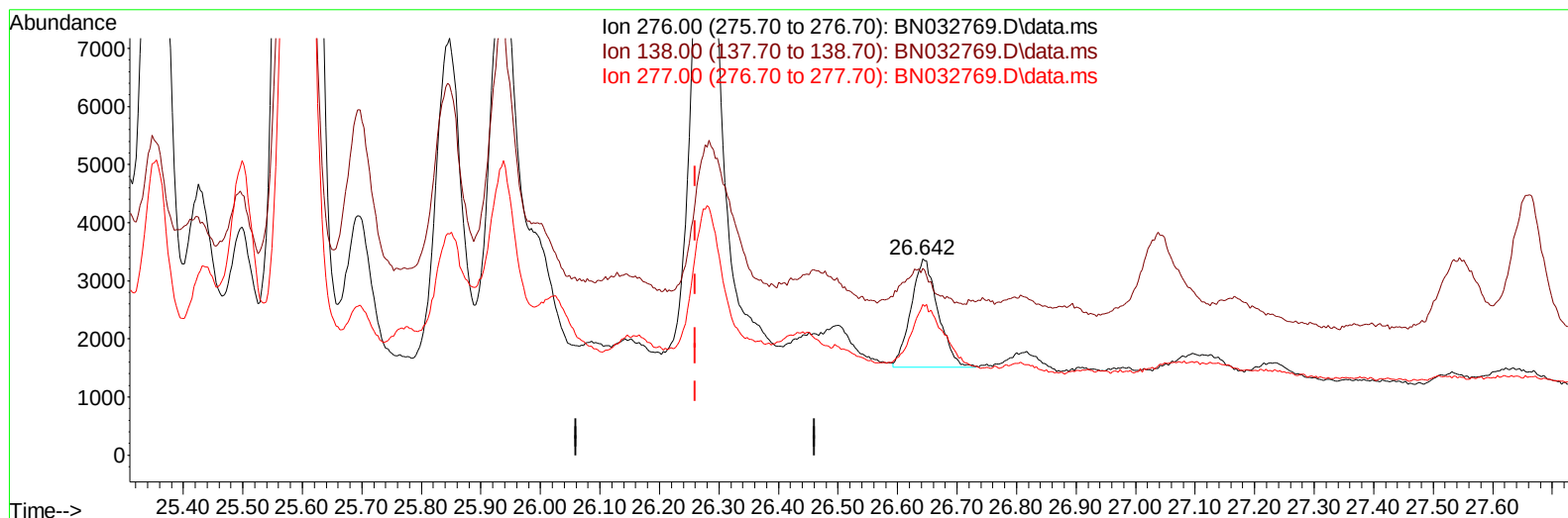
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

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

26.642min (+ 0.382) 0.06 ng/u1

response 5853

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	95.41#
277.00	25.80	76.85#
0.00	0.00	0.00

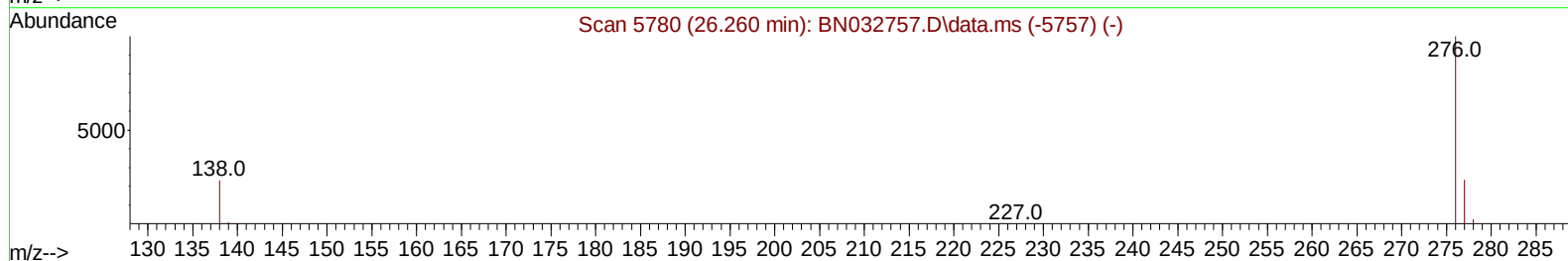
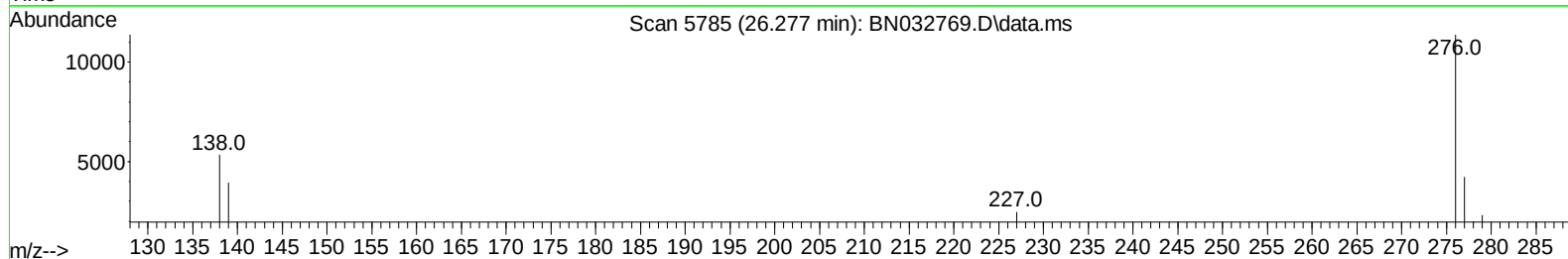
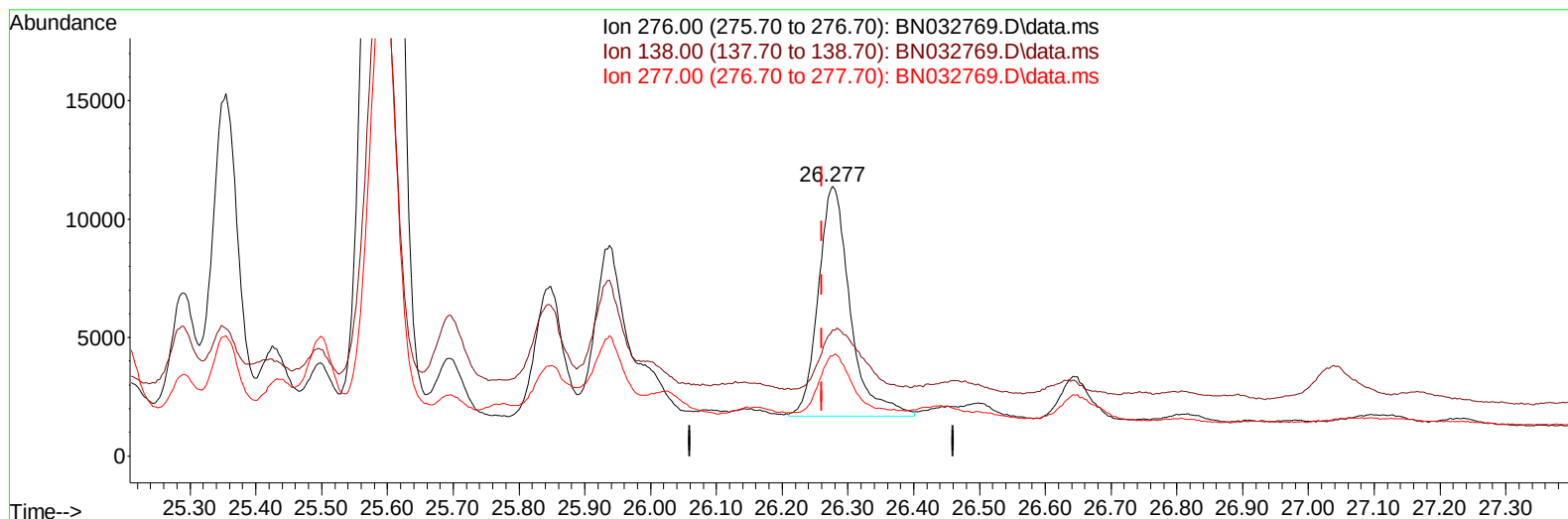
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032769.D\data.ms

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

26.277min (+ 0.017) 0.36 ng/ul m

response 32555

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	46.93#
277.00	25.80	37.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032769.D
 Acq On : 17 Jul 2024 08:47
 Operator : MA/JU
 Sample : P3100-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D07

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 09:11:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	6574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	19932	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	12042	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	22080m	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	21275m	0.400	ng/ul	0.00
23) Perylene-d12	23.374	264	26185m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	26196	3.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	6039	0.200	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	12064m	0.174	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.365	128	34374	0.642	ng/ul	98
7) 2-Methylnaphthalene	11.988	142	25161	0.753	ng/ul	96
8) 1-Methylnaphthalene	12.213	142	25476	0.737	ng/ul	99
10) Acenaphthylene	13.915	152	68116	1.400	ng/ul	99
11) Acenaphthene	14.258	153	10290	0.256	ng/ul	99
12) Fluorene	15.252	166	15926	0.346	ng/ul#	96
15) Phenanthrene	16.995	178	346327m	5.759	ng/ul	
16) Anthracene	17.088	178	78563m	1.599	ng/ul	
19) Fluoranthene	19.027	202	623653m	7.210	ng/ul	
20) Pyrene	19.394	202	455727m	5.090	ng/ul	
21) Benzo(a)anthracene	21.156	228	396333m	5.852	ng/ul	
22) Chrysene	21.208	228	508371m	5.189	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	650942m	7.046	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	238085m	2.115	ng/ul	
26) Benzo(a)pyrene	23.281	252	212738m	2.661	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.592	276	217816m	2.012	ng/ul	
28) Dibenzo(a,h)anthracene	25.589	278	91879m	1.095	ng/ul	
29) Benzo(g,h,i)perylene	26.277	276	32555m	0.360	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032769.D
Acq On : 17 Jul 2024 08:47
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D07

Manual IntegrationsAPPROVED

Quant Time: Jul 17 09:11:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

