

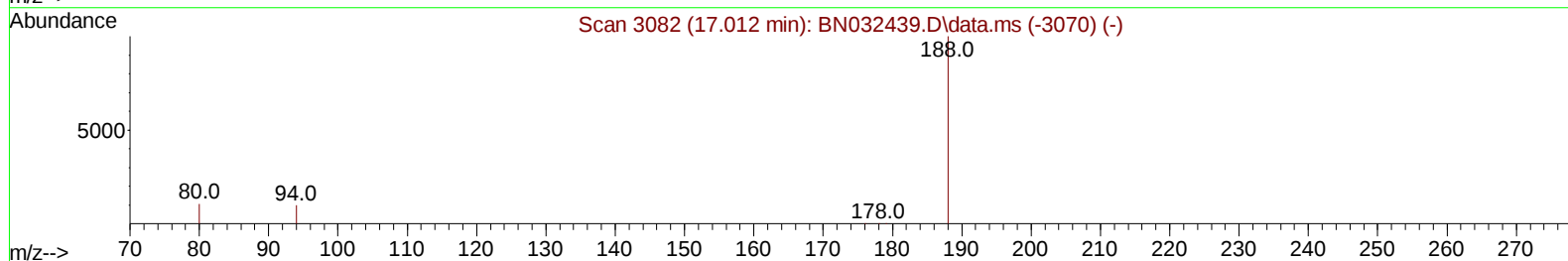
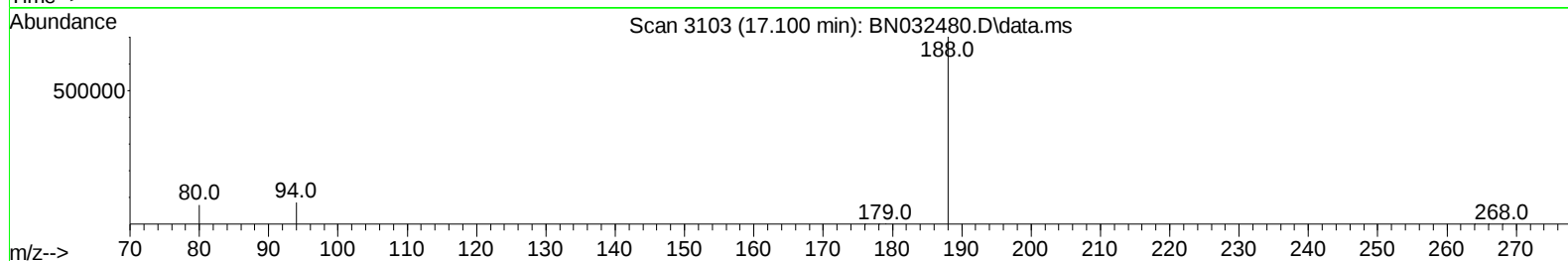
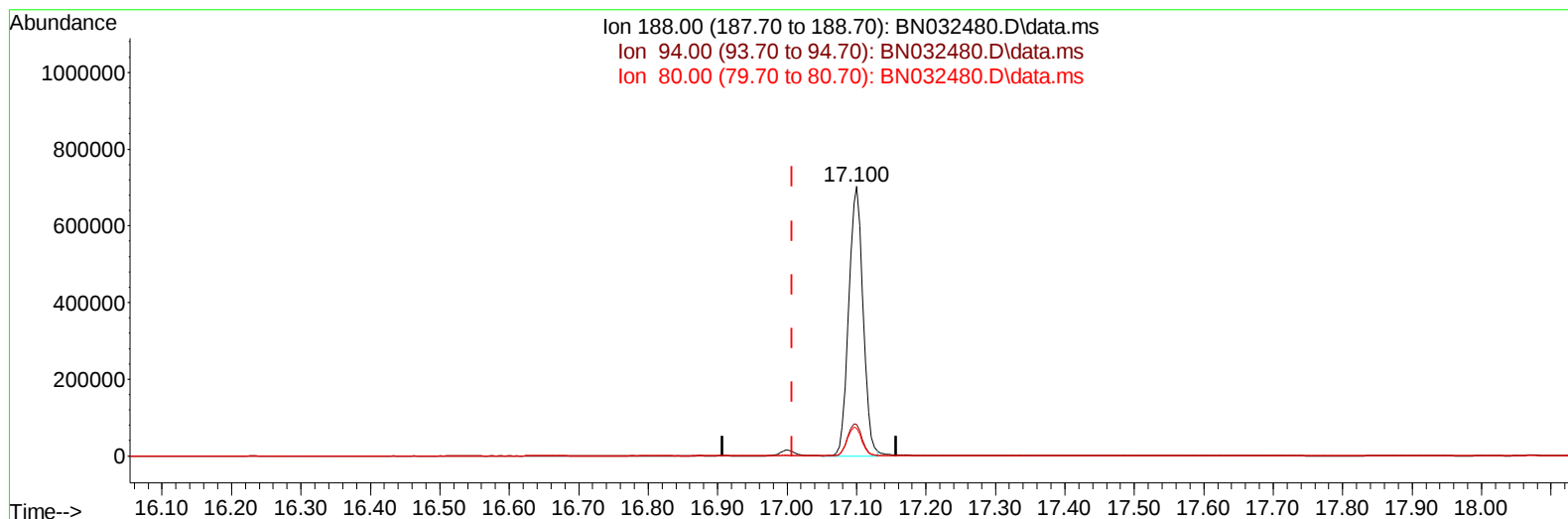
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 1006970

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.59
80.00	10.50	10.22
0.00	0.00	0.00

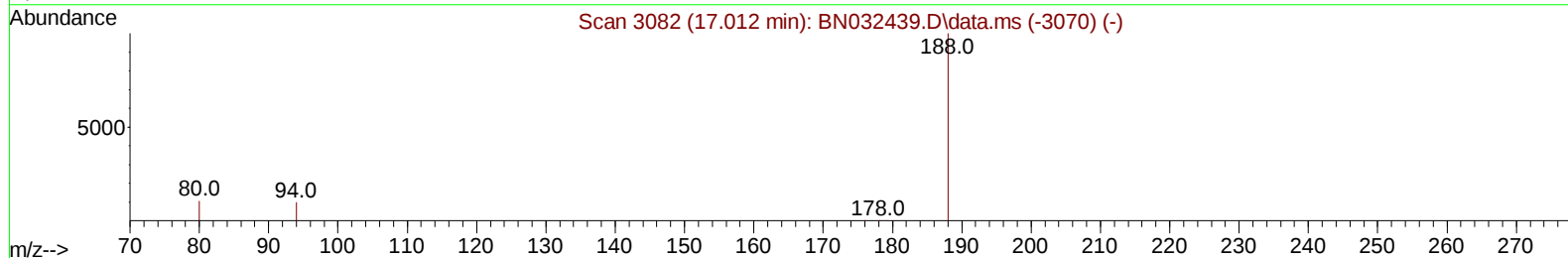
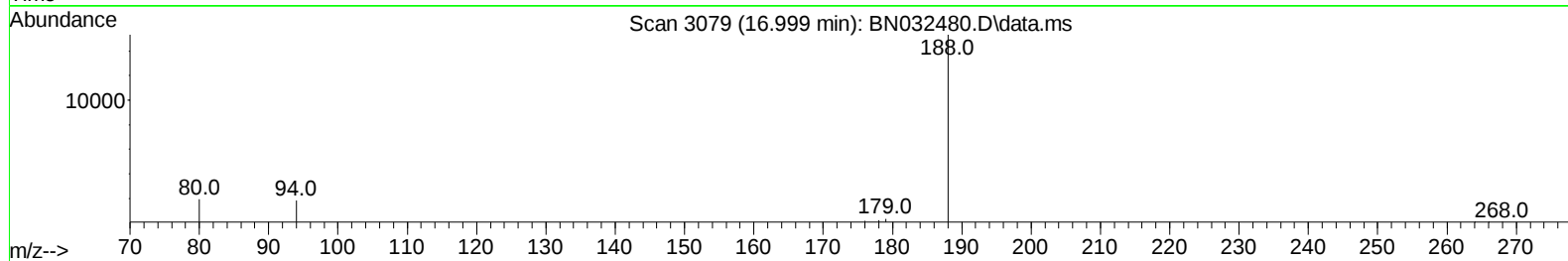
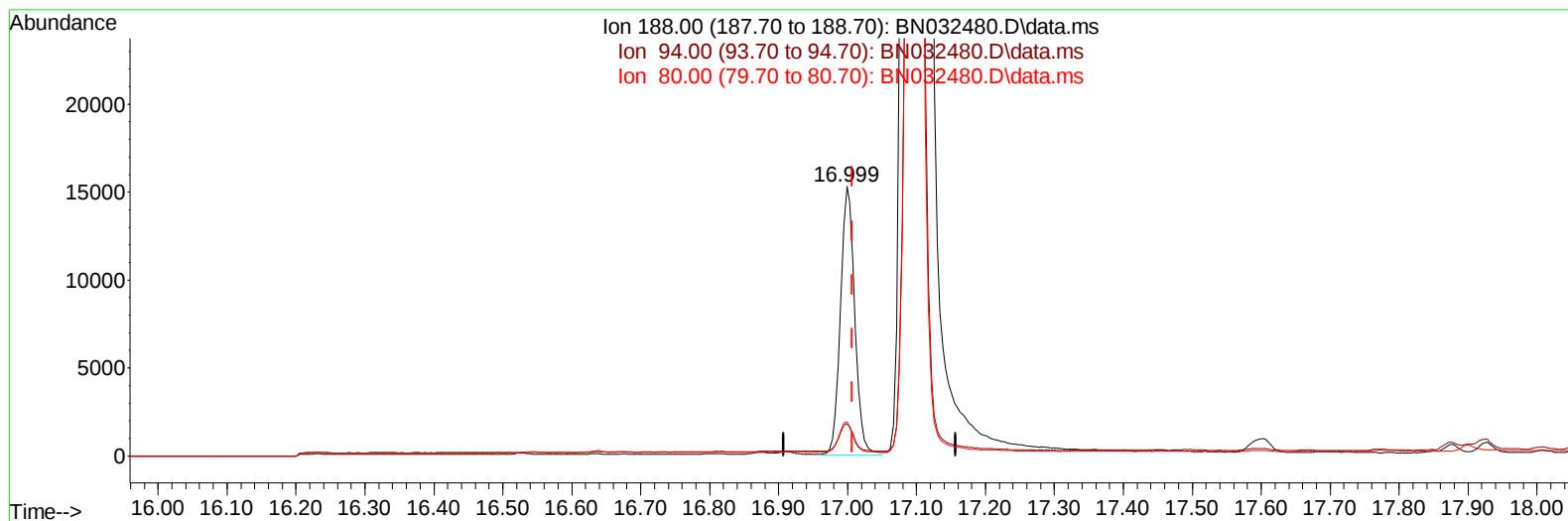
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.009) 0.40 ng/ul m

response 21783

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.93
80.00	10.50	12.58
0.00	0.00	0.00

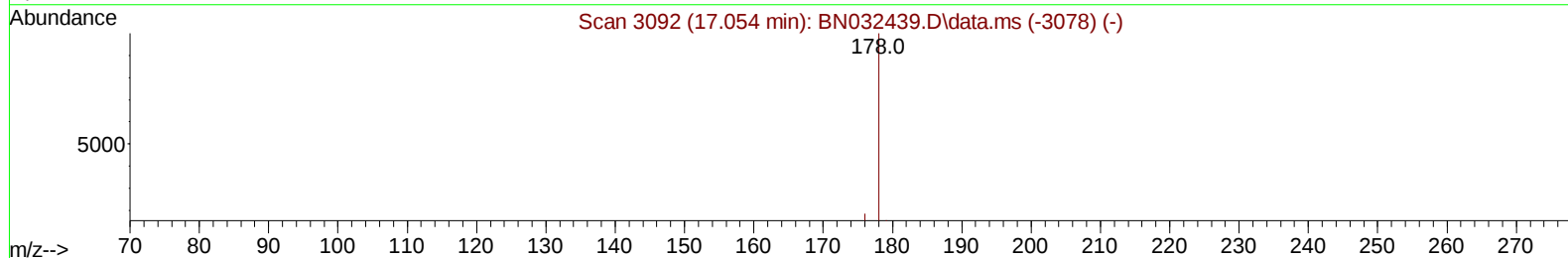
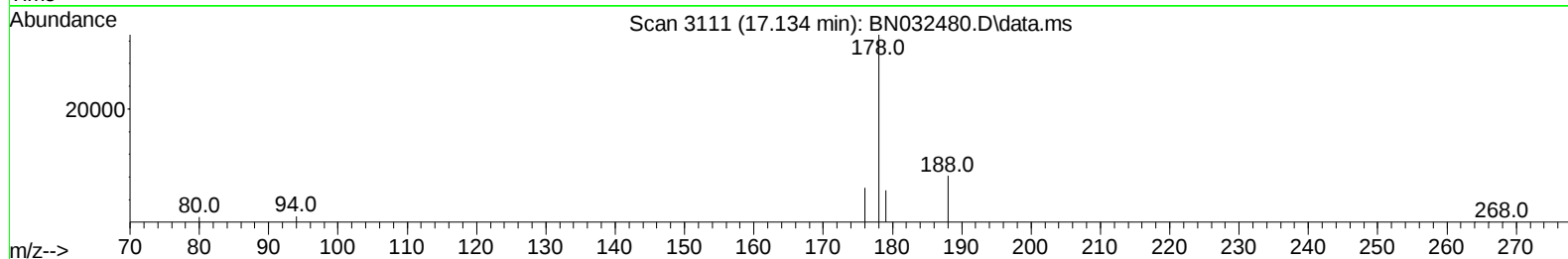
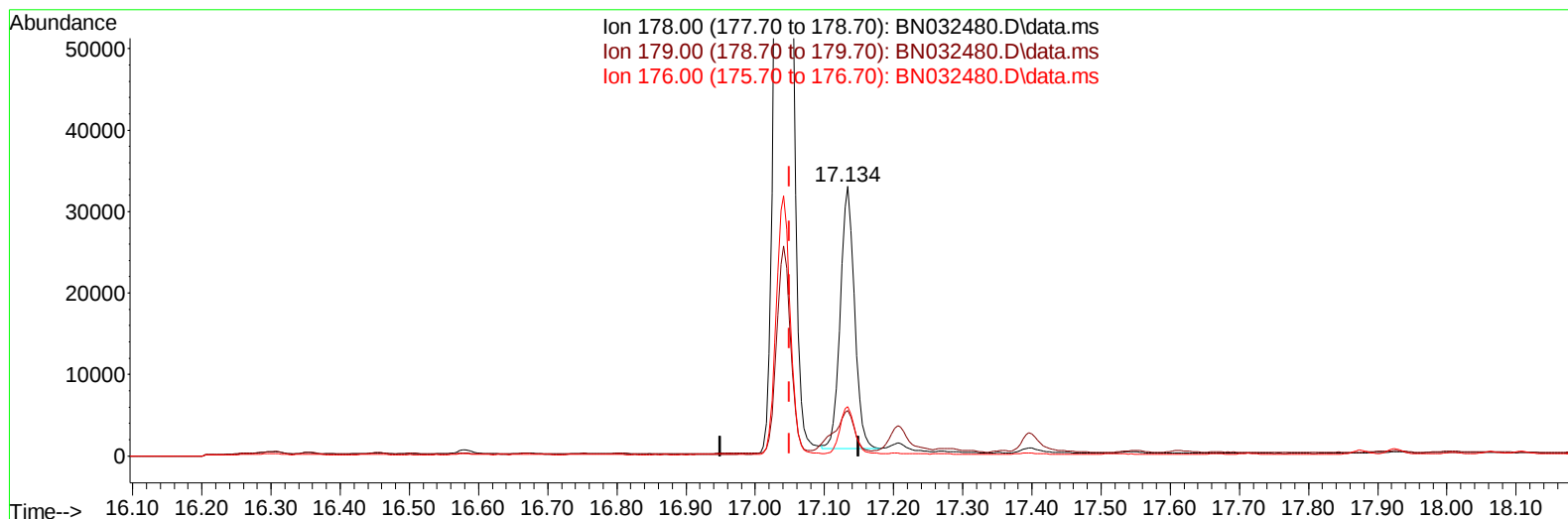
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 0.76 ng/u1

response 45612

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.99
176.00	19.50	18.34
0.00	0.00	0.00

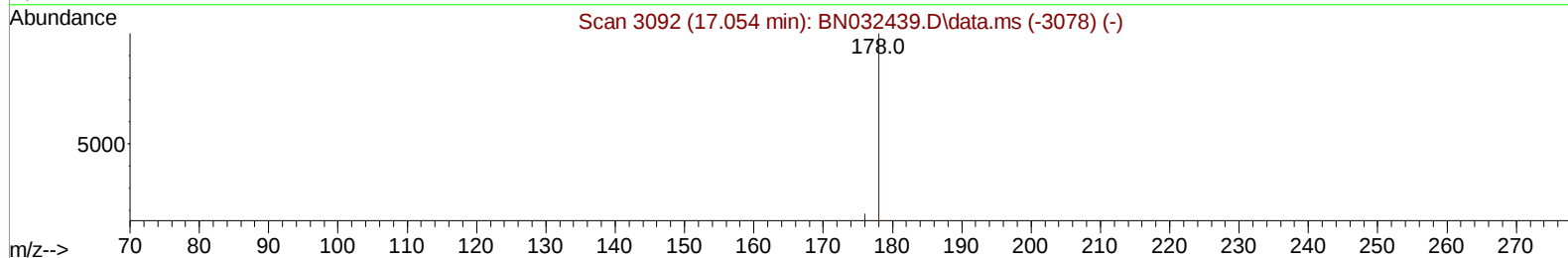
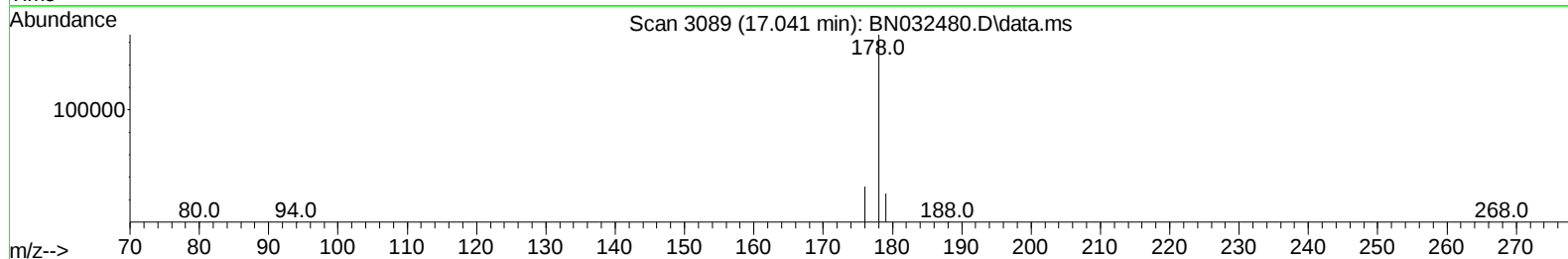
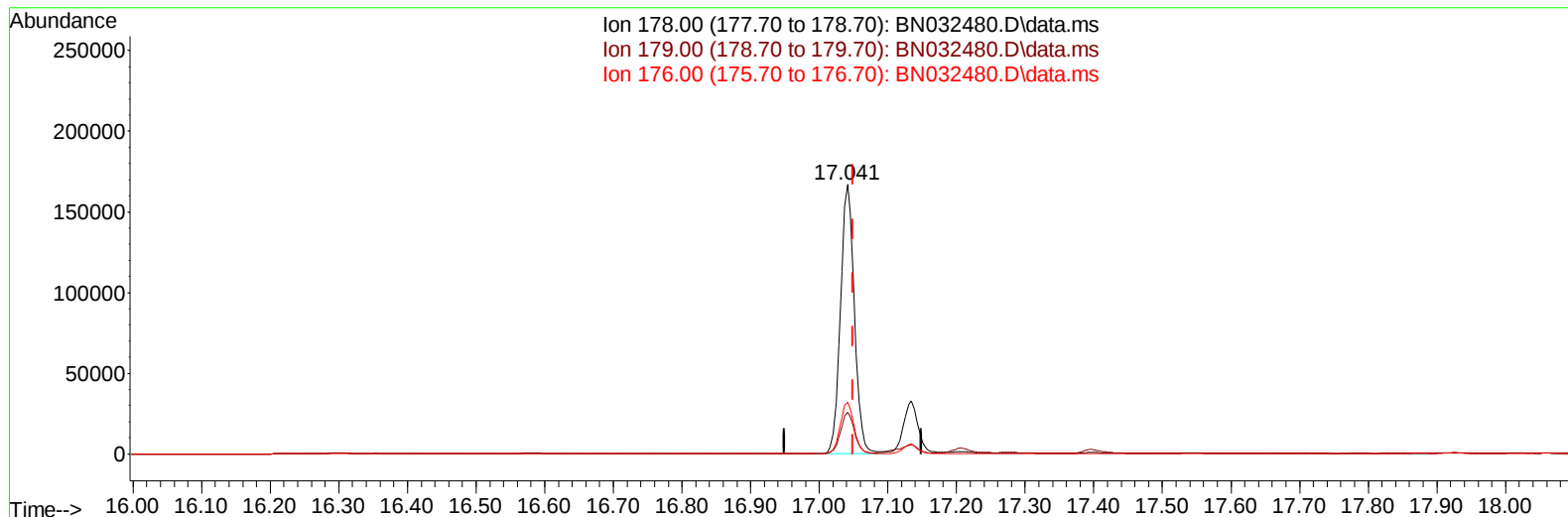
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(15) Phenanthrene

17.041min (-0.009) 3.96 ng/ul m

response 236294

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.45
176.00	19.50	19.14
0.00	0.00	0.00

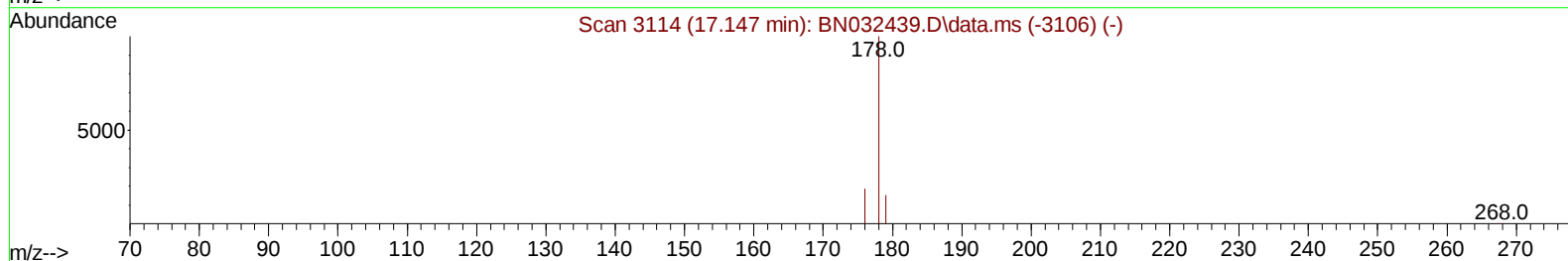
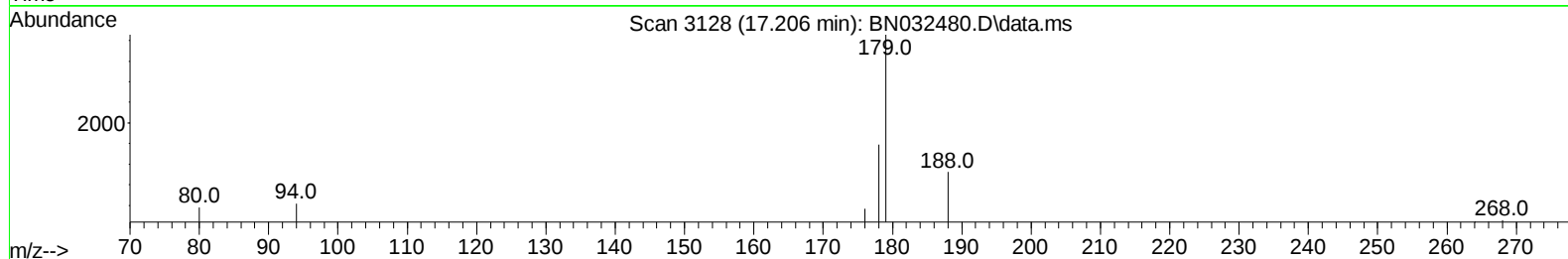
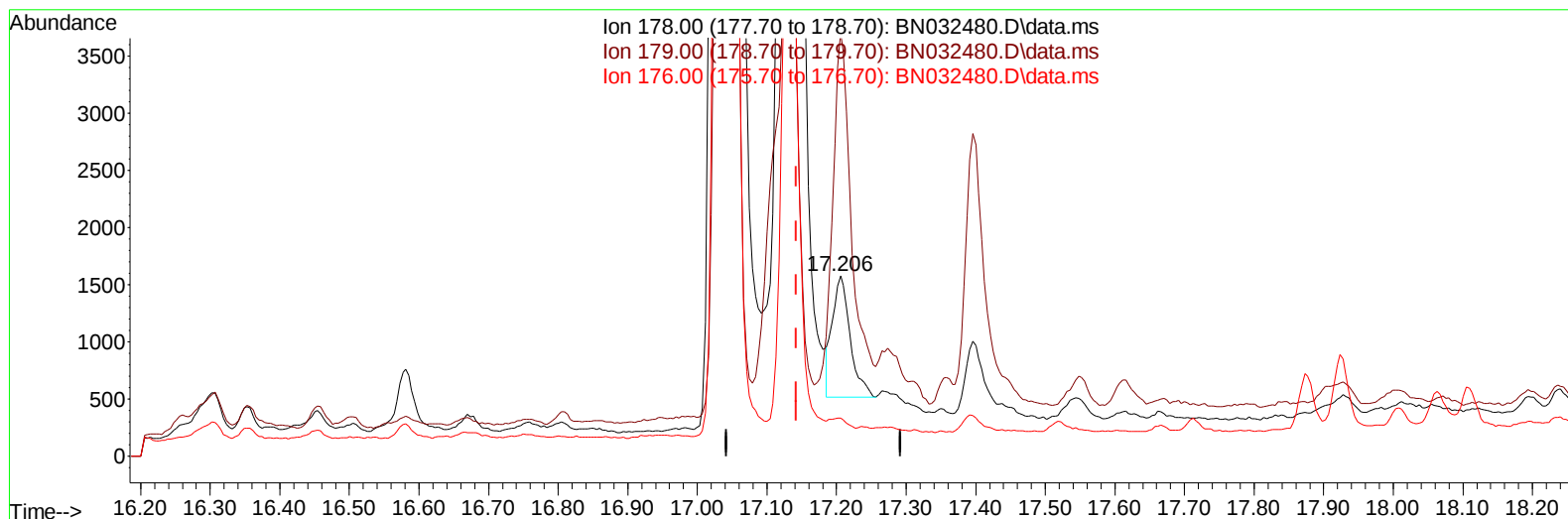
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(16) Anthracene

17.206min (+ 0.063) 0.04 ng/u1

response 1916

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	234.94#
176.00	18.80	21.14
0.00	0.00	0.00

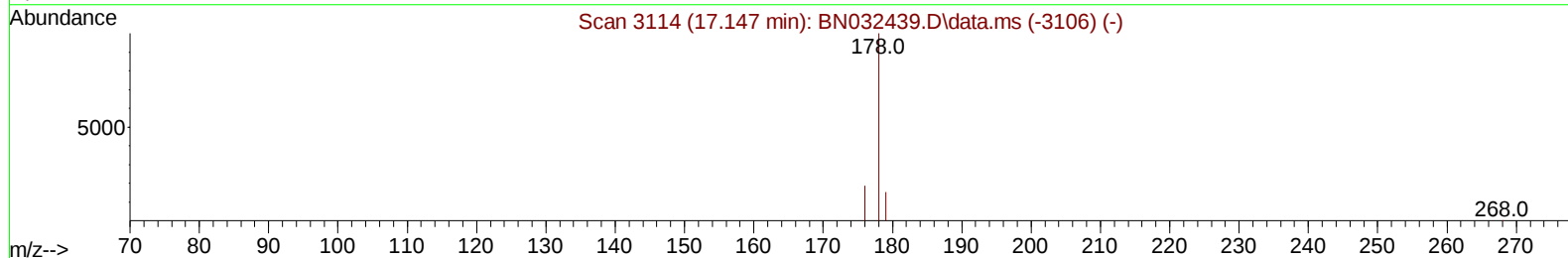
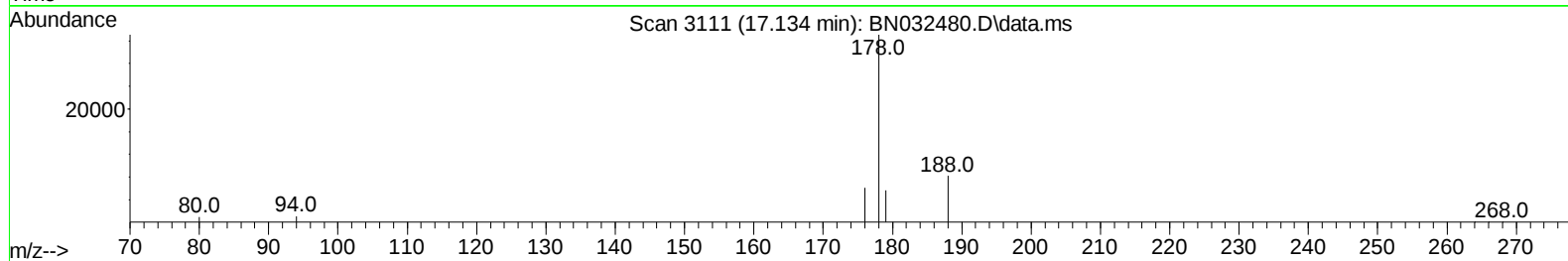
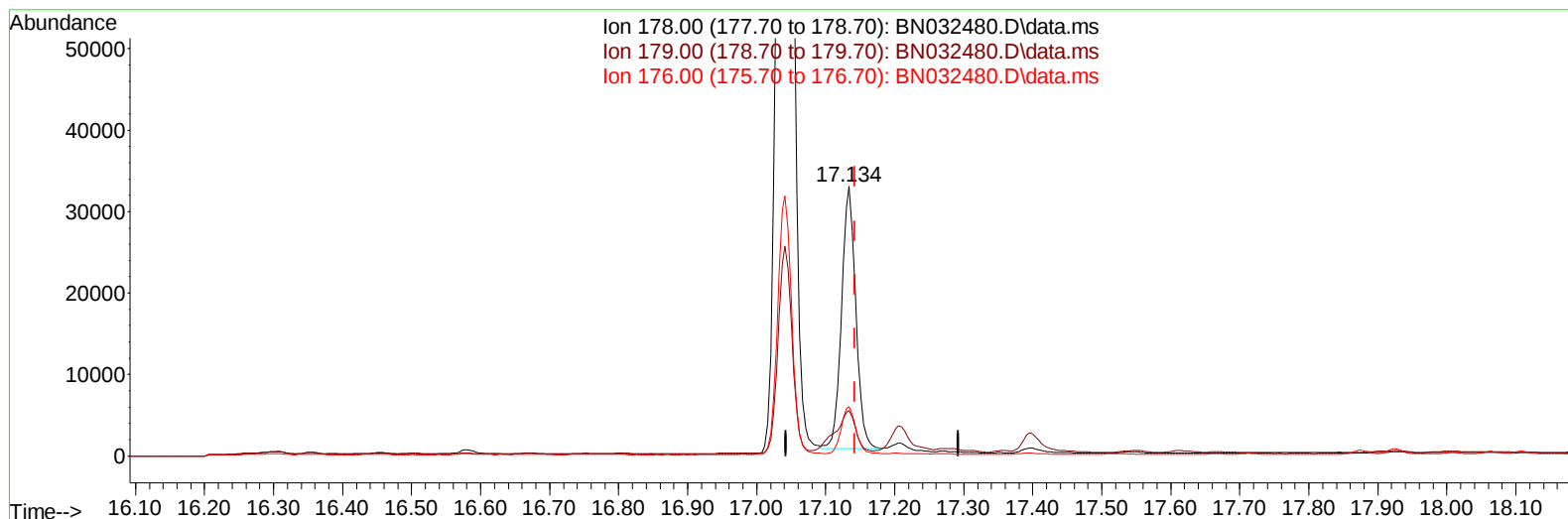
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(16) Anthracene

17.134min (-0.009) 0.86 ng/ul m

response 46023

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.99
176.00	18.80	18.34
0.00	0.00	0.00

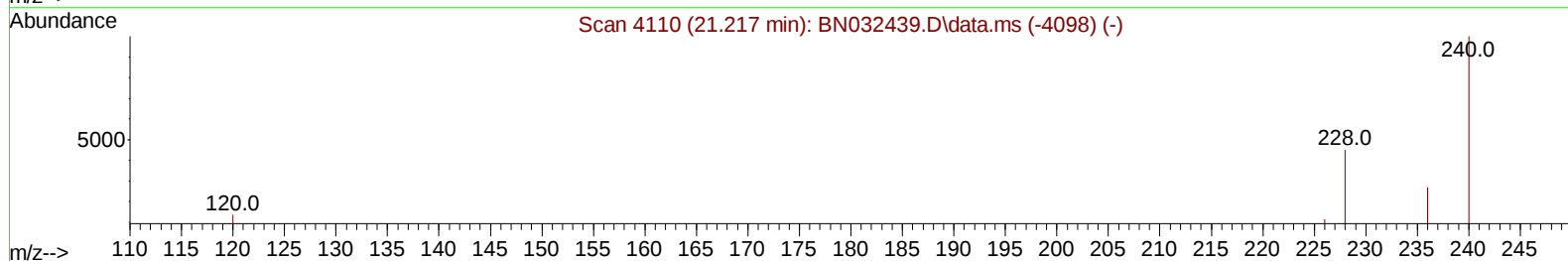
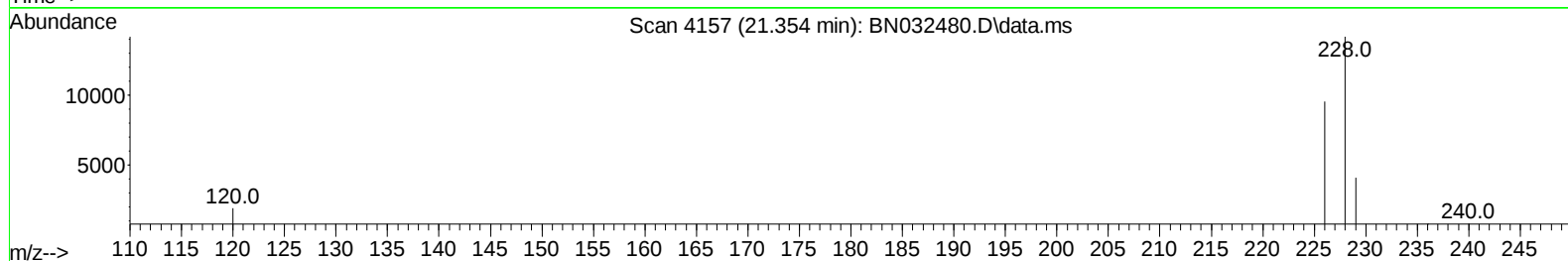
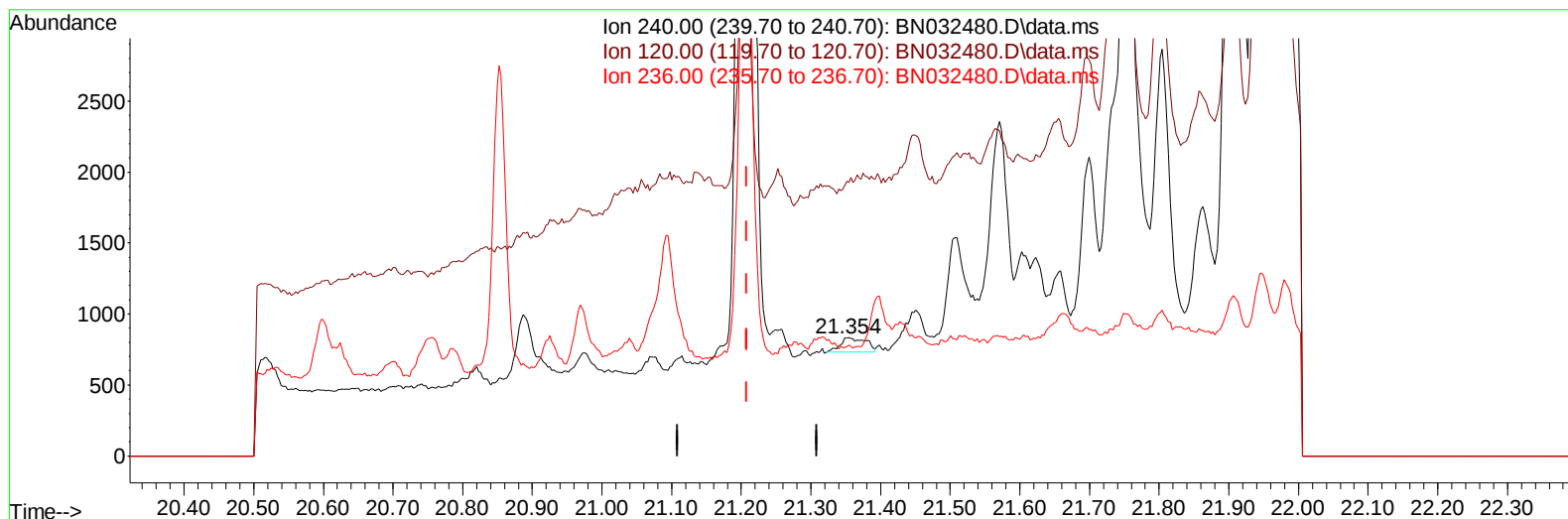
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(17) Chrysene-d12

21.354min (+ 0.146) 0.40 ng/u1

response 265

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	231.06#
236.00	28.40	93.65#
0.00	0.00	0.00

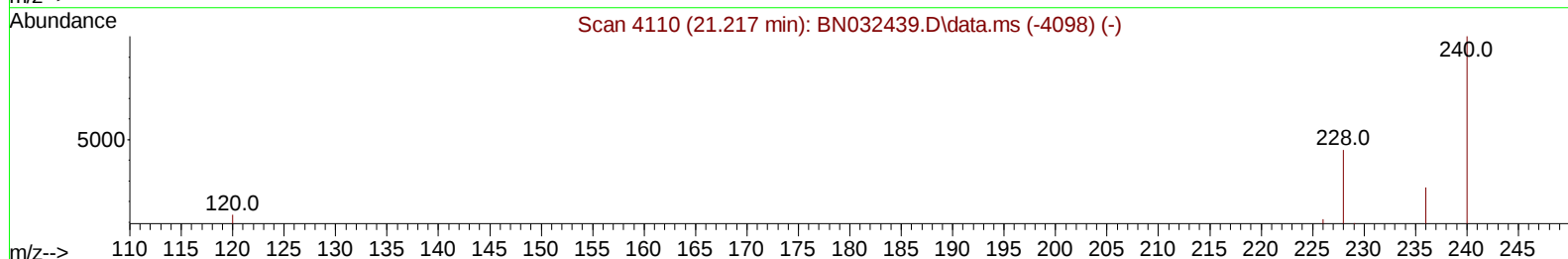
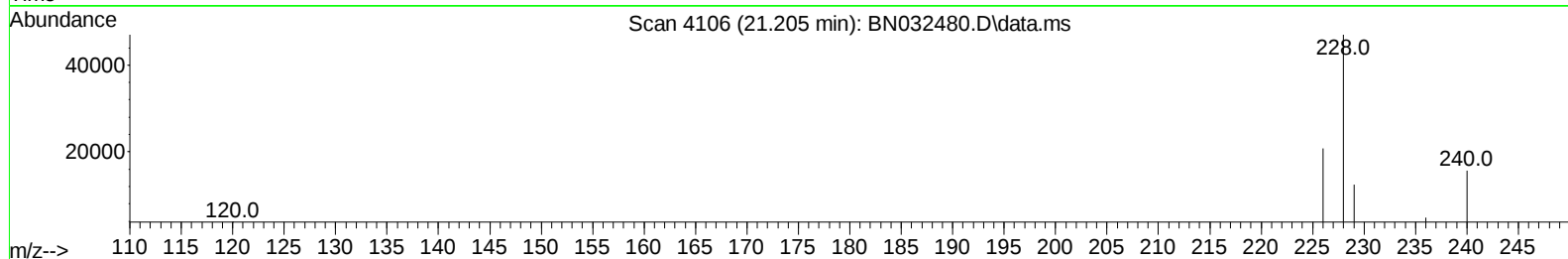
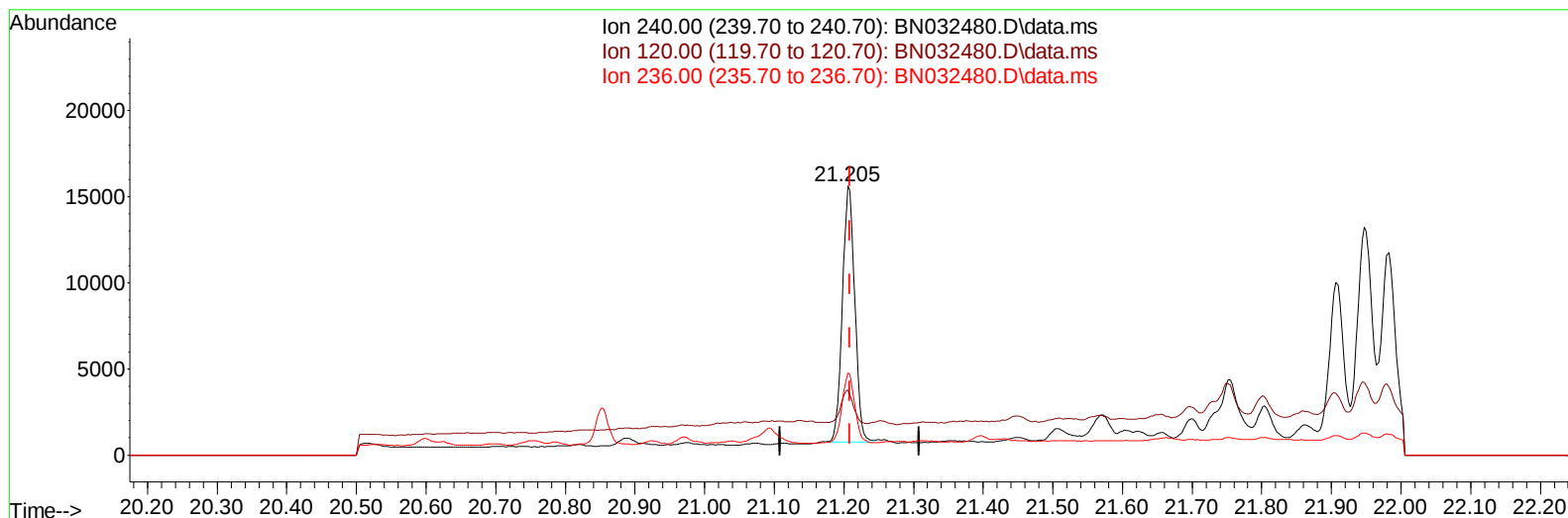
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



TIC: BN032480.D\data.ms

(17) Chrysene-d12

21.205min (-0.003) 0.40 ng/ul m

response 18413

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	24.20#
236.00	28.40	30.50
0.00	0.00	0.00

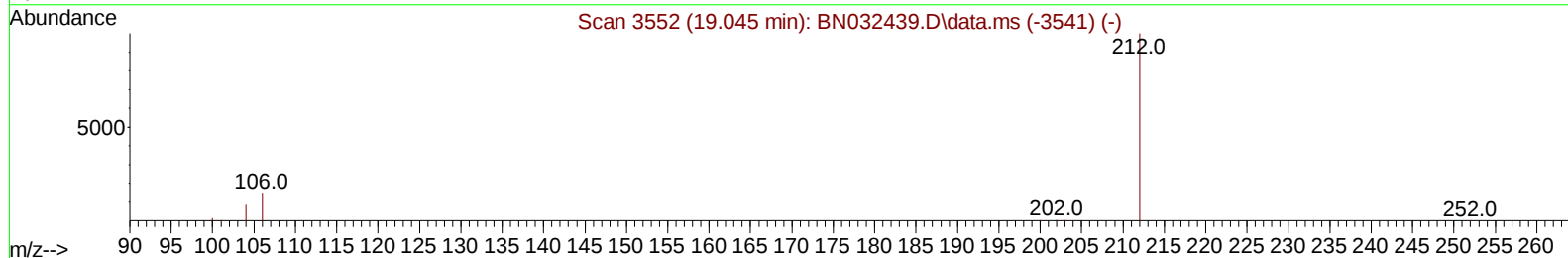
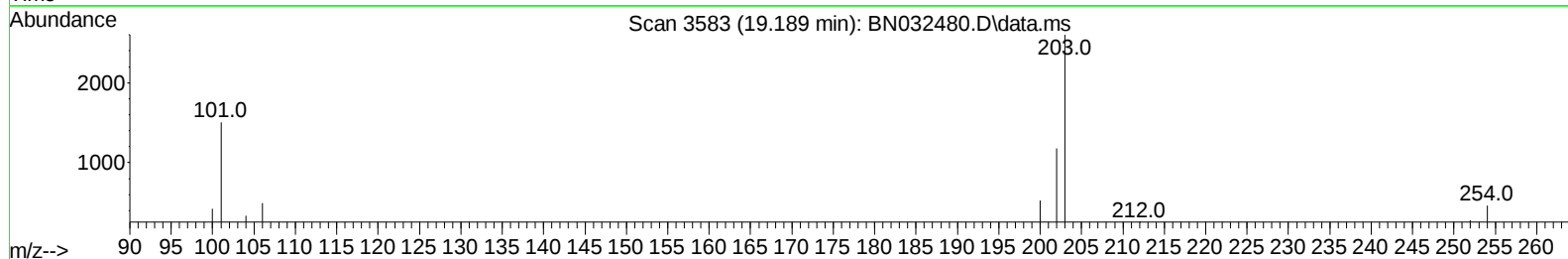
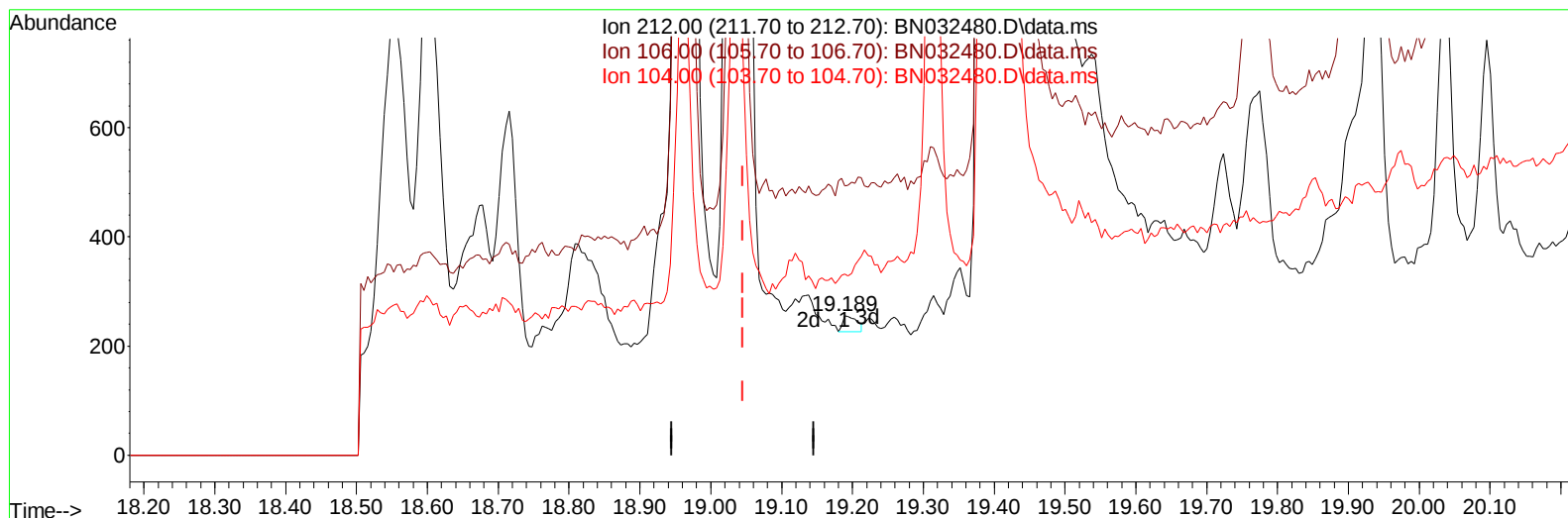
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.189min (+ 0.144) 0.00 ng/u1

response 41

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	68.29#
104.00	8.40	0.00#
0.00	0.00	0.00

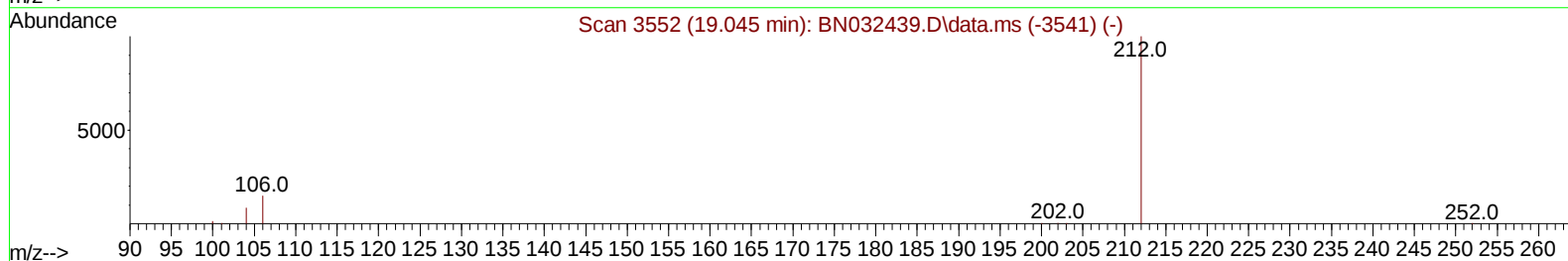
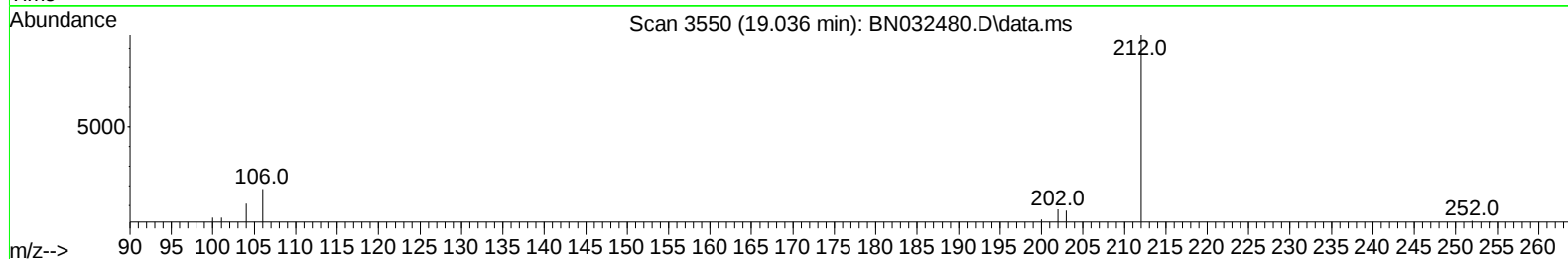
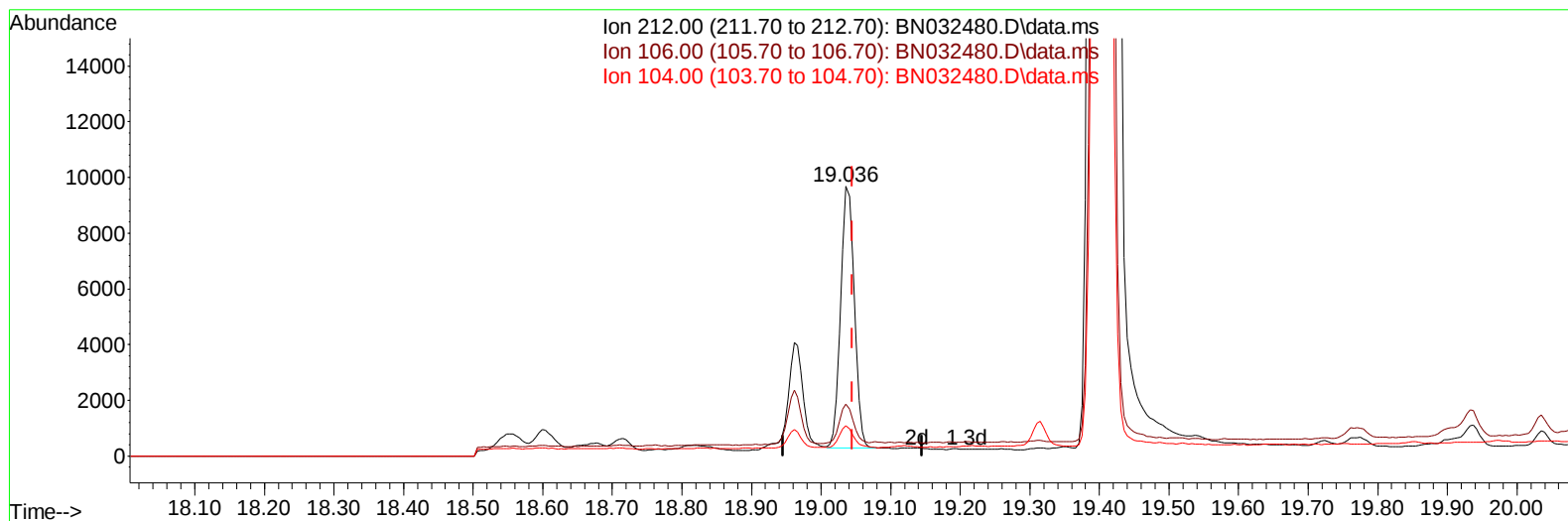
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.036min (-0.009) 0.23 ng/u1 m

response 12632

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.22#
104.00	8.40	0.00#
0.00	0.00	0.00

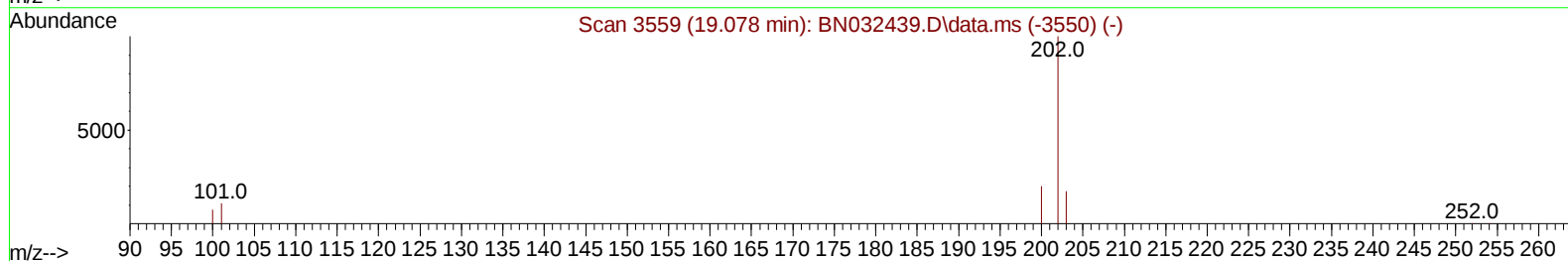
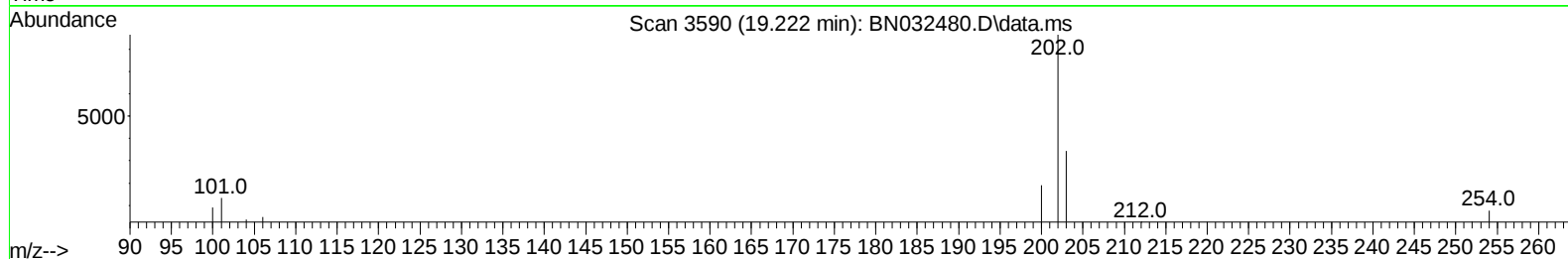
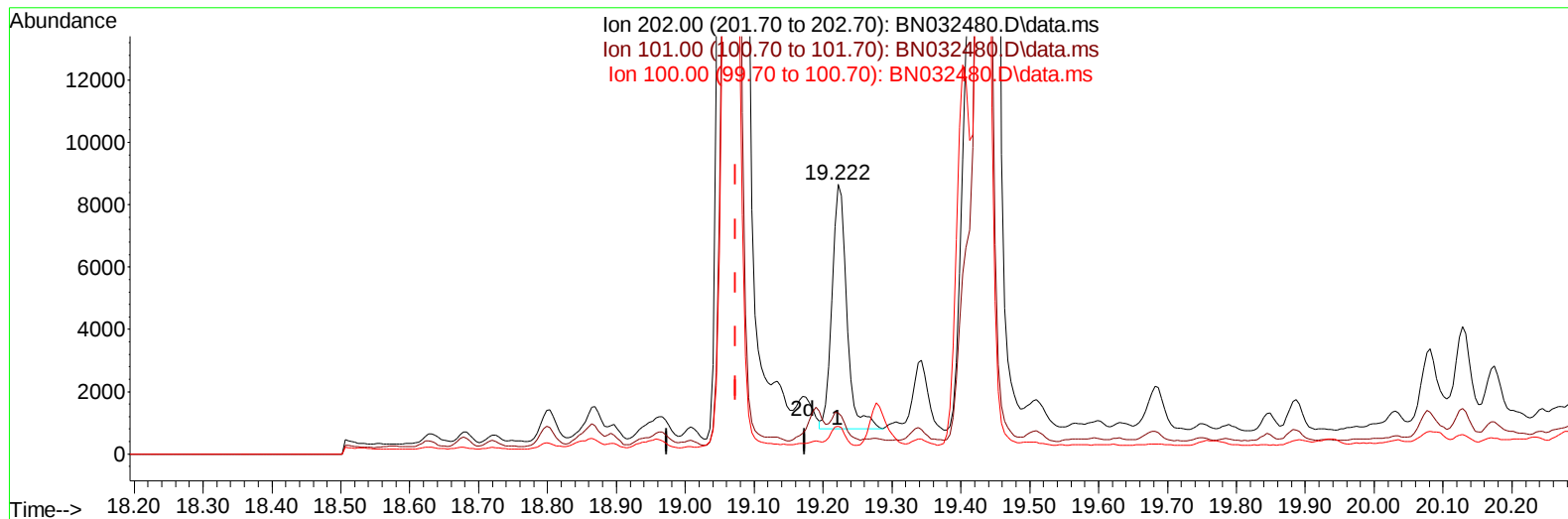
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.17 ng/u1

response 11807

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	15.31#
100.00	8.00	10.39#
0.00	0.00	0.00

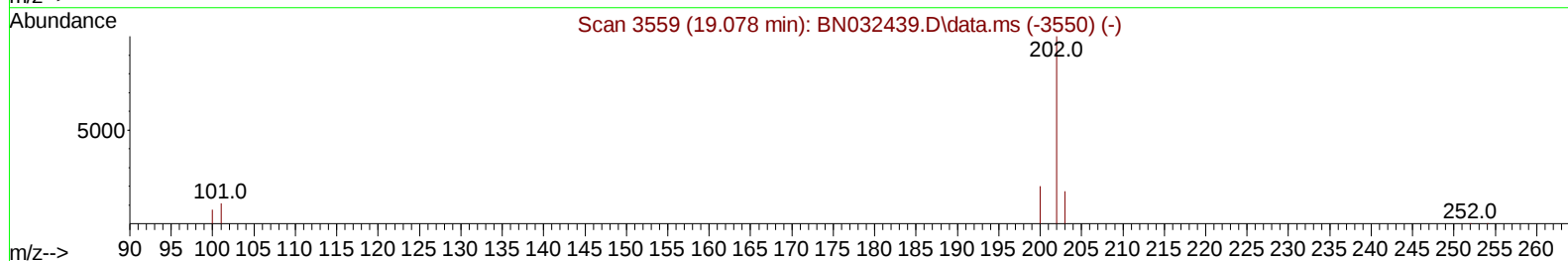
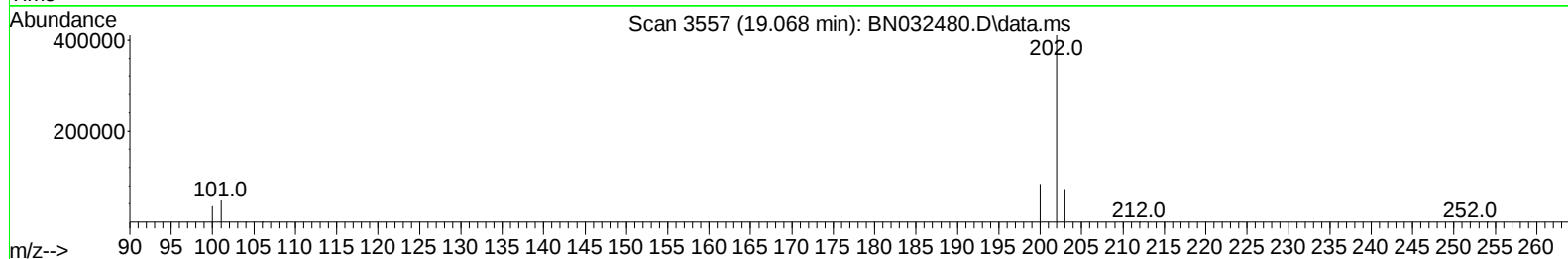
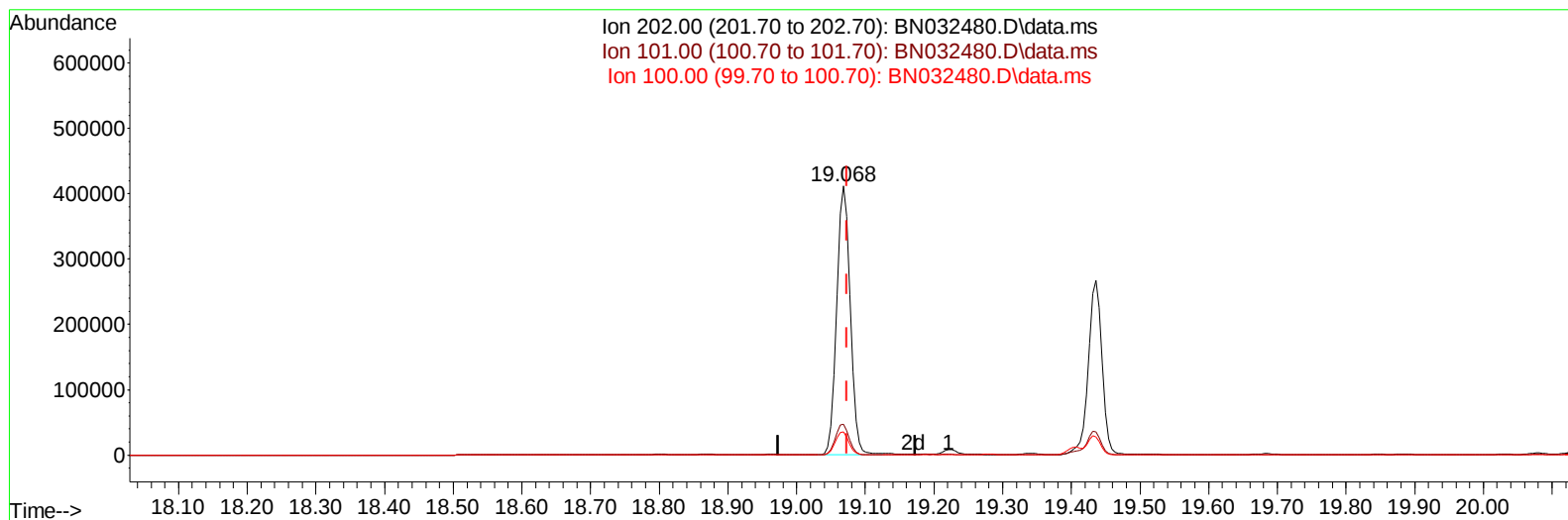
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(19) Fluoranthene (C)

19.068min (-0.005) 8.10 ng/u1 m

response 568200

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.51
100.00	8.00	8.57
0.00	0.00	0.00

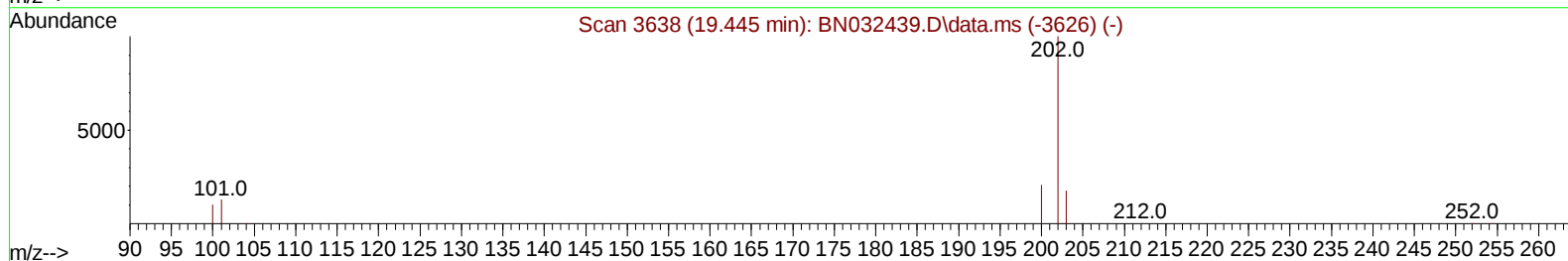
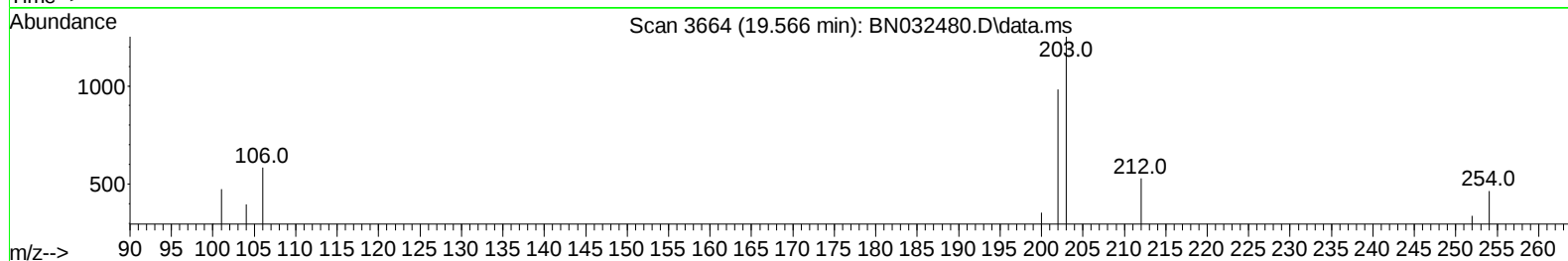
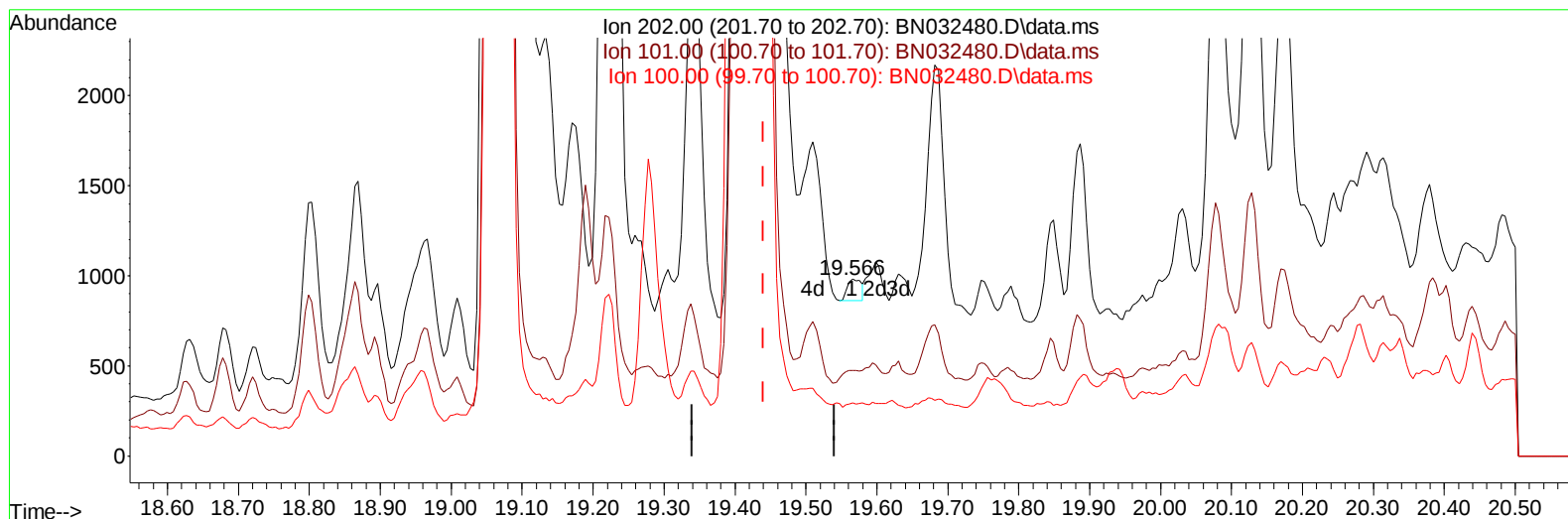
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032480.D
 Acq On : 04 Jul 2024 18:46
 Operator : MA/JU
 Sample : P3065-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(20) Pyrene

19.566min (+ 0.125) 0.00 ng/u1

response 168

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	48.42#
100.00	10.90	30.17#
0.00	0.00	0.00

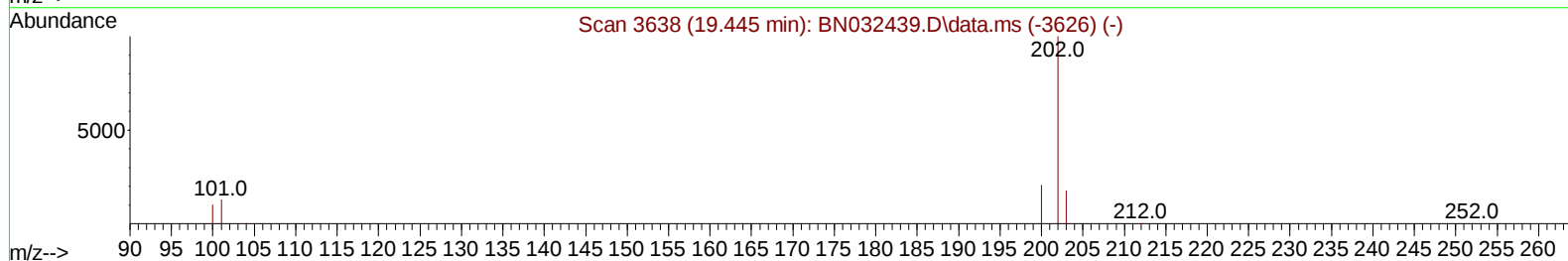
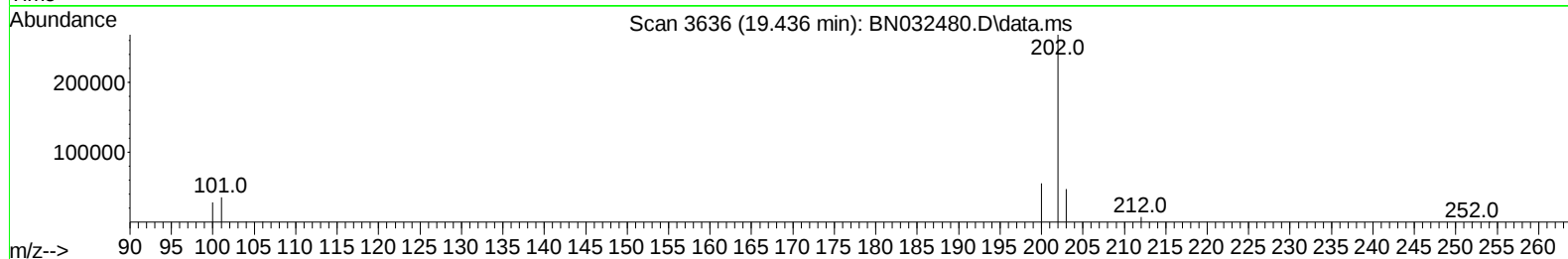
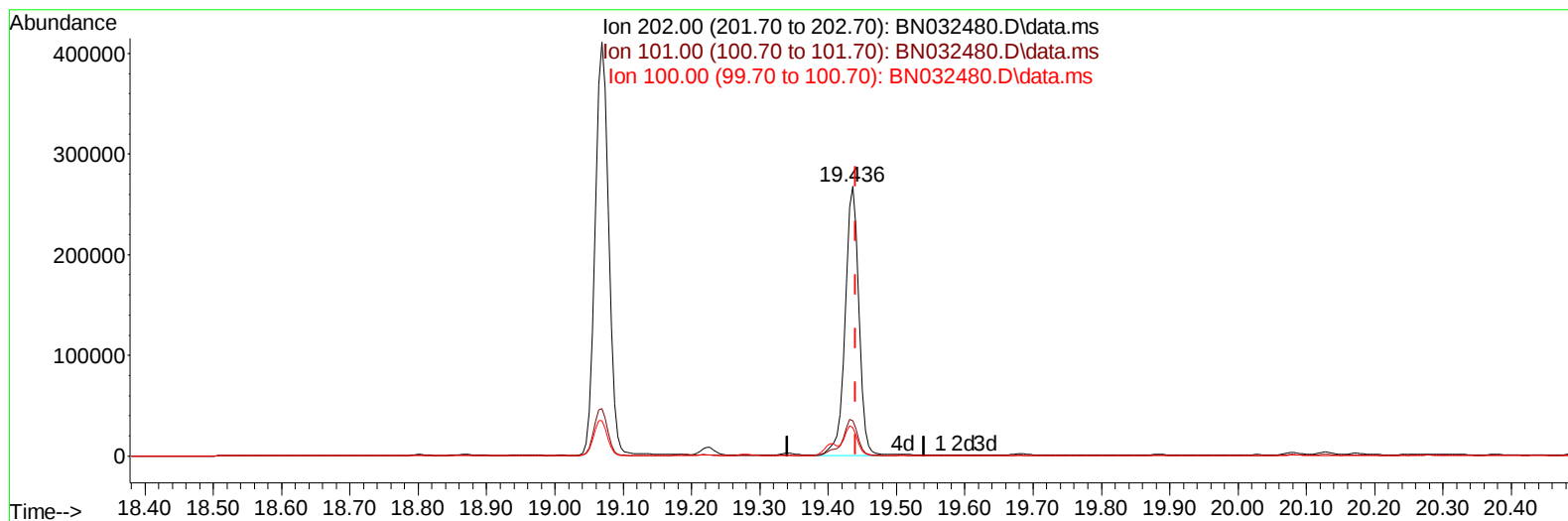
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(20) Pyrene

19.436min (-0.005) 5.11 ng/ul m

response 374329

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.14
100.00	10.90	10.53
0.00	0.00	0.00

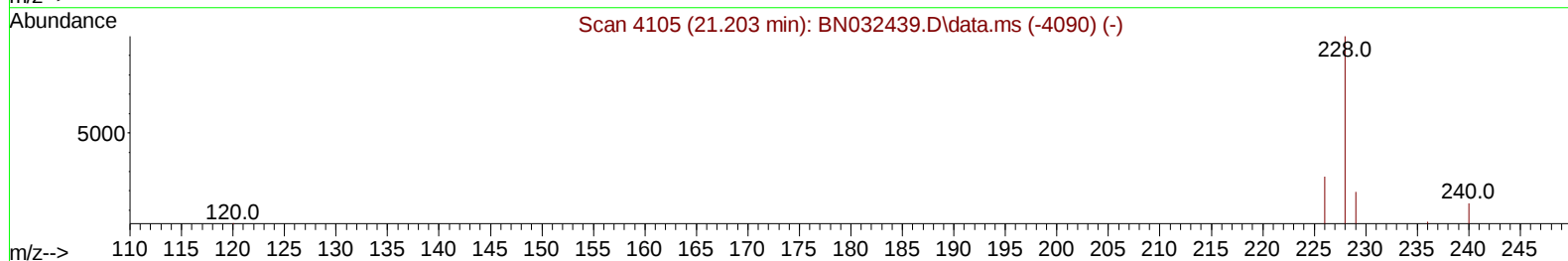
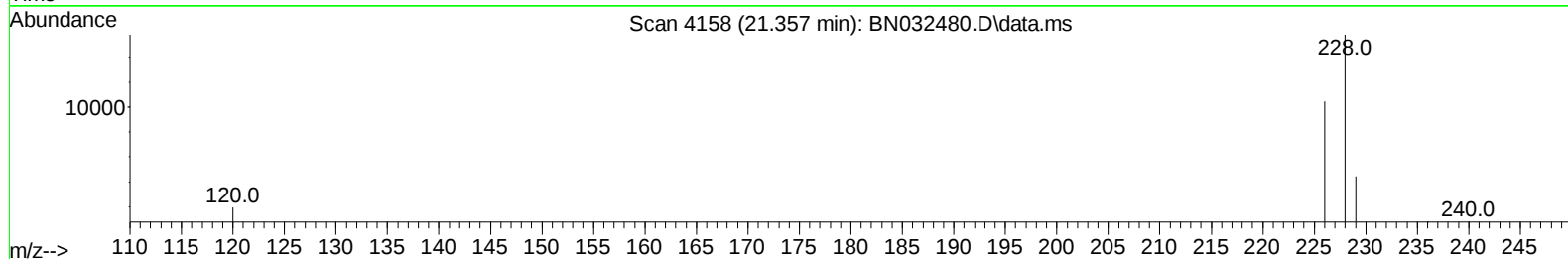
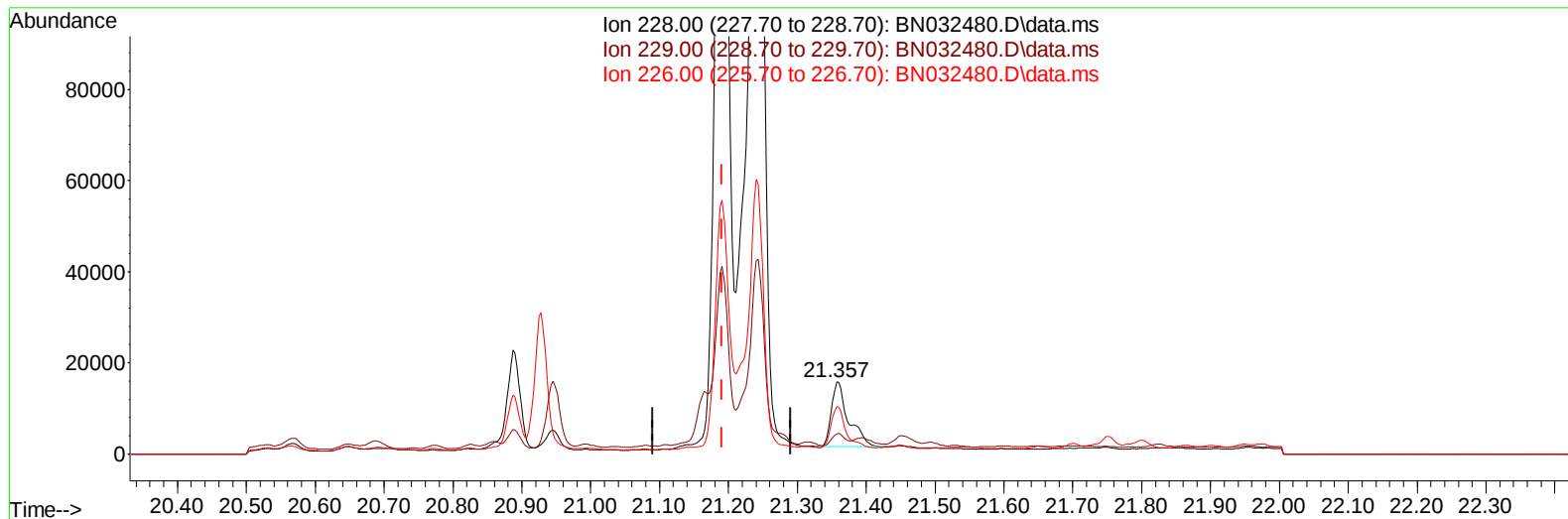
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(21) Benzo(a)anthracene

21.357min (+ 0.166) 0.37 ng/u1

response 24475

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	28.05#
226.00	27.30	66.20#
0.00	0.00	0.00

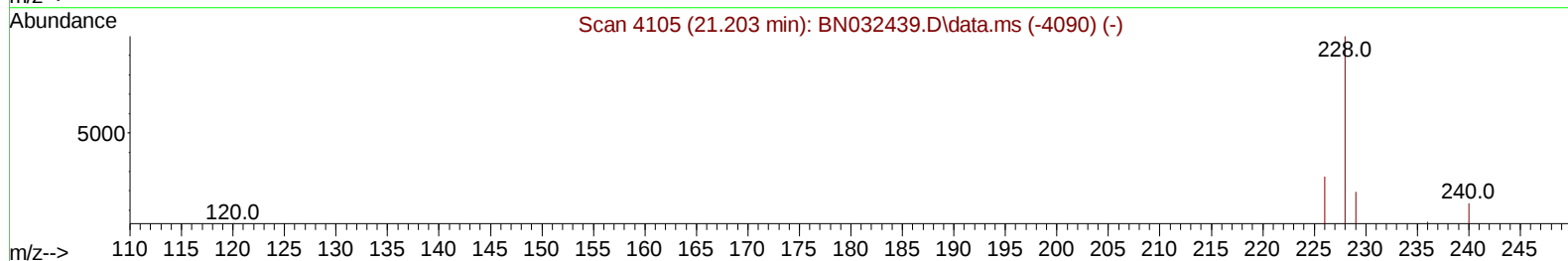
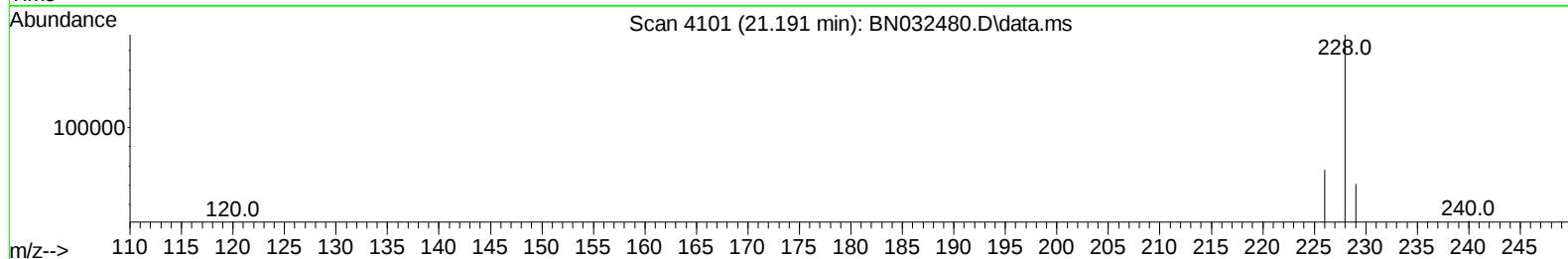
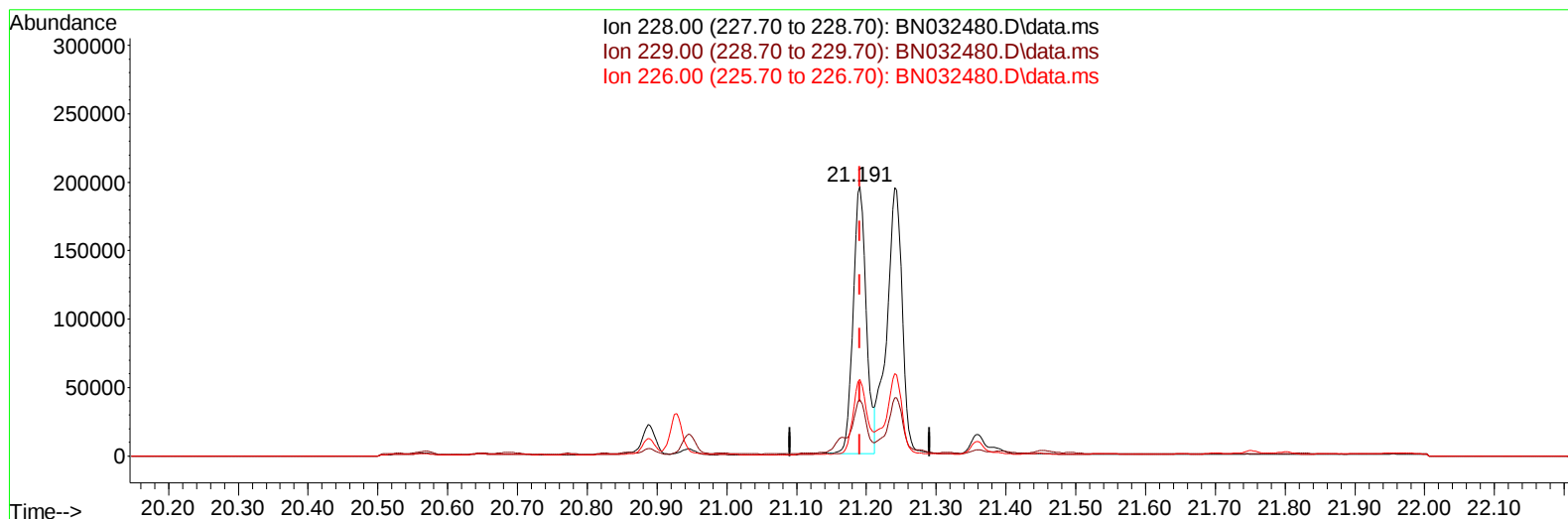
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



TIC: BN032480.D\data.ms

(21) Benzo(a)anthracene

21.191min (-0.000) 3.86 ng/u1 m

response 256494

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.96
226.00	27.30	28.33
0.00	0.00	0.00

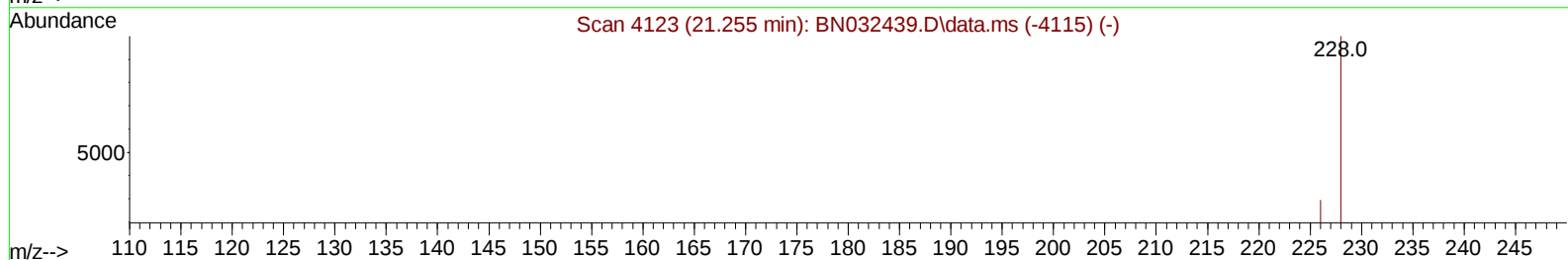
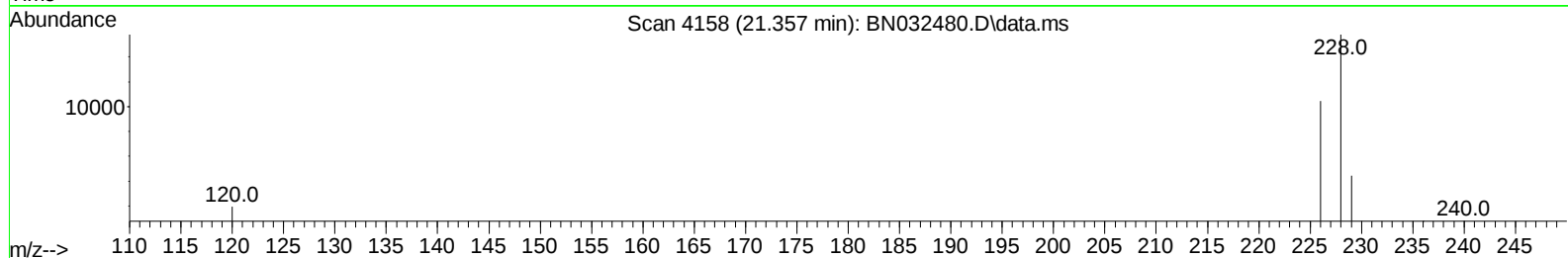
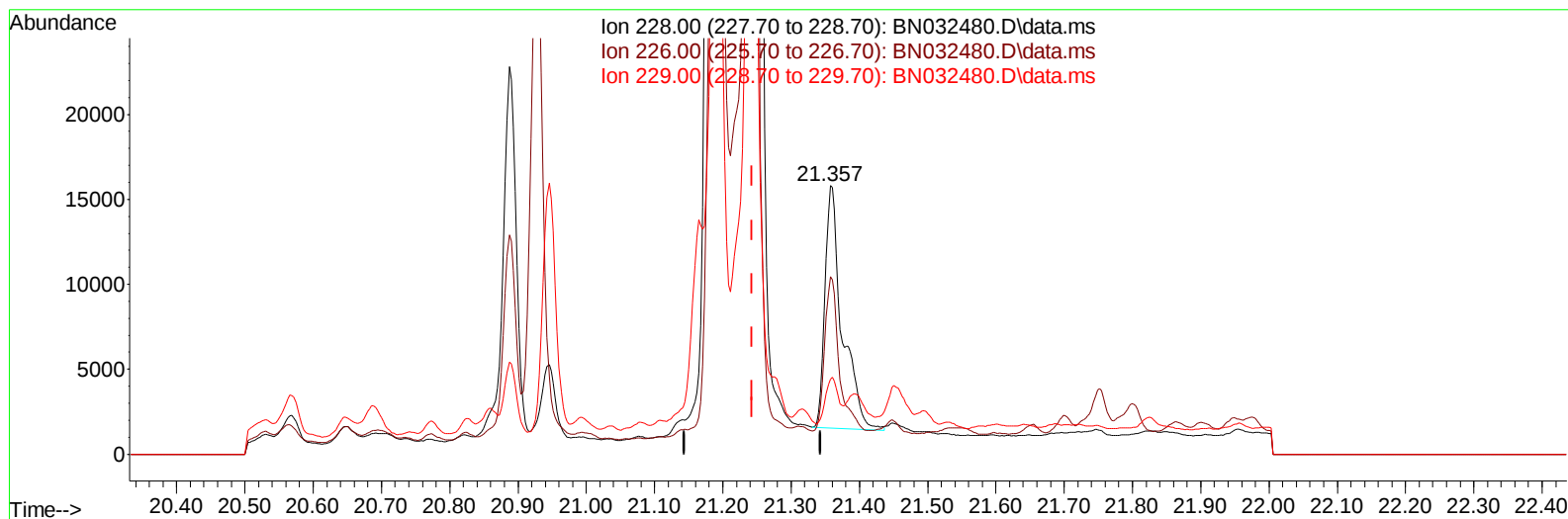
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(22) Chrysene

21.357min (+ 0.114) 0.34 ng/u1

response 25048

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.20#
229.00	19.60	28.05#
0.00	0.00	0.00

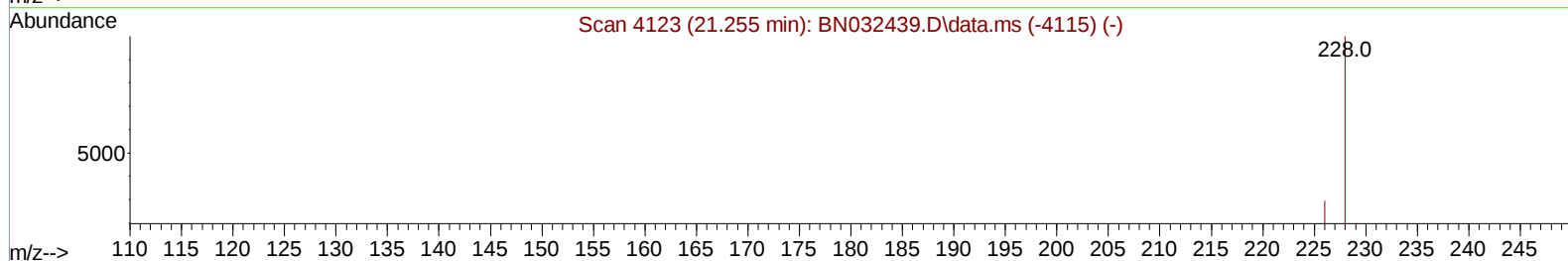
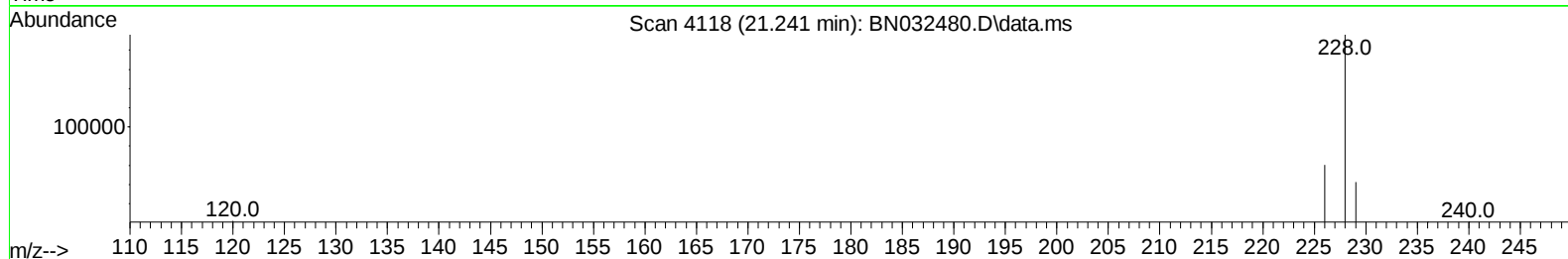
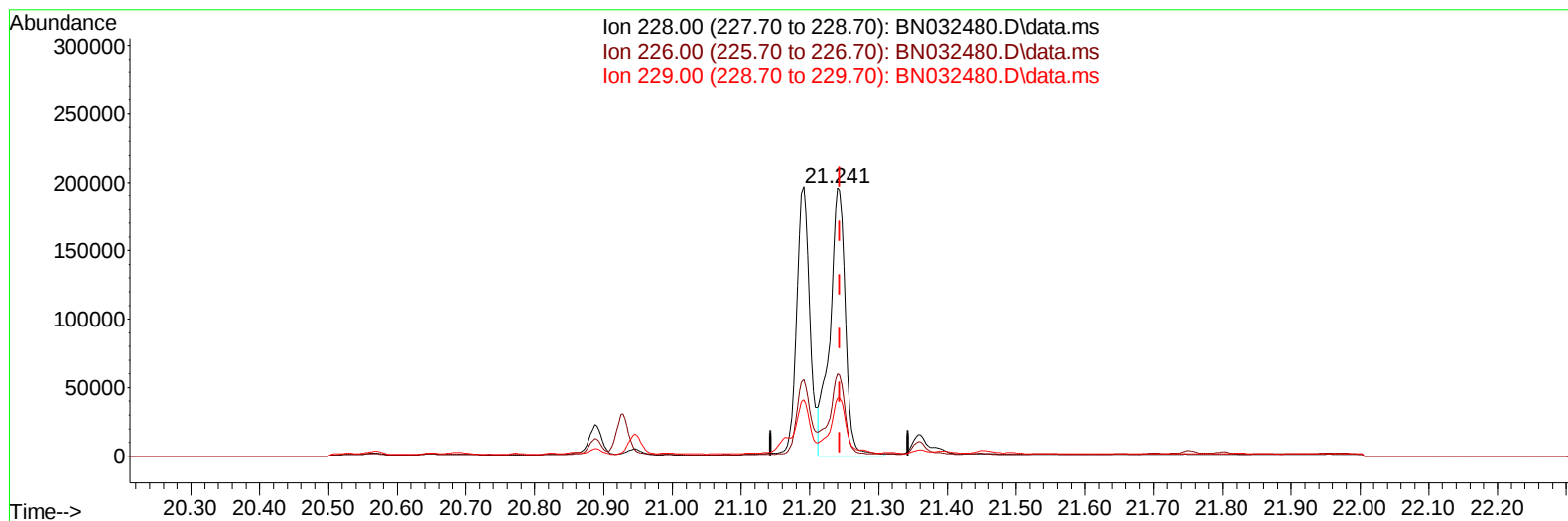
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(22) Chrysene

21.241min (-0.003) 4.25 ng/ul m

response 309750

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.74
229.00	19.60	21.66
0.00	0.00	0.00

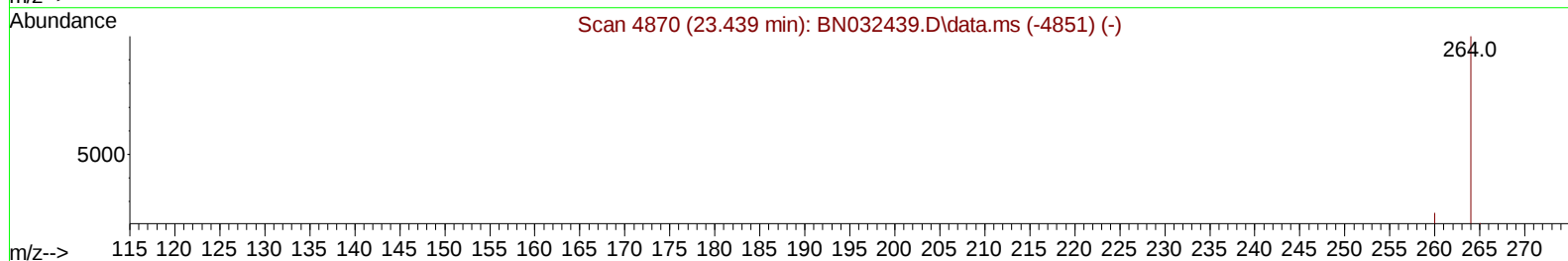
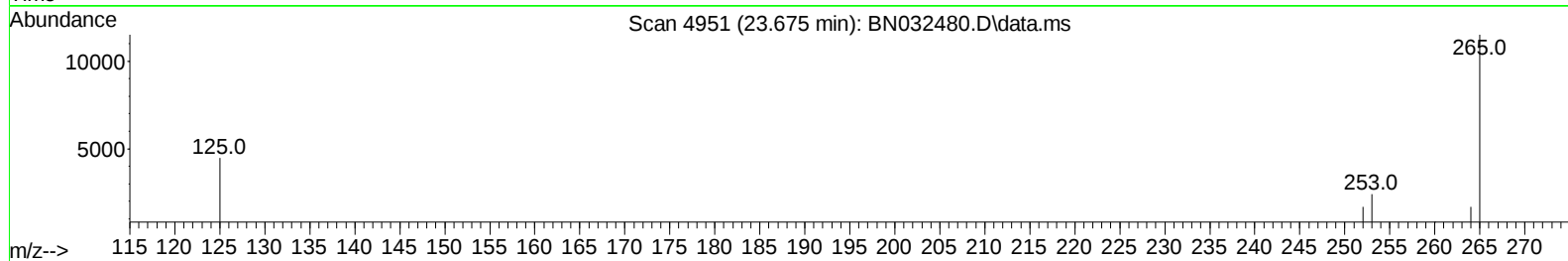
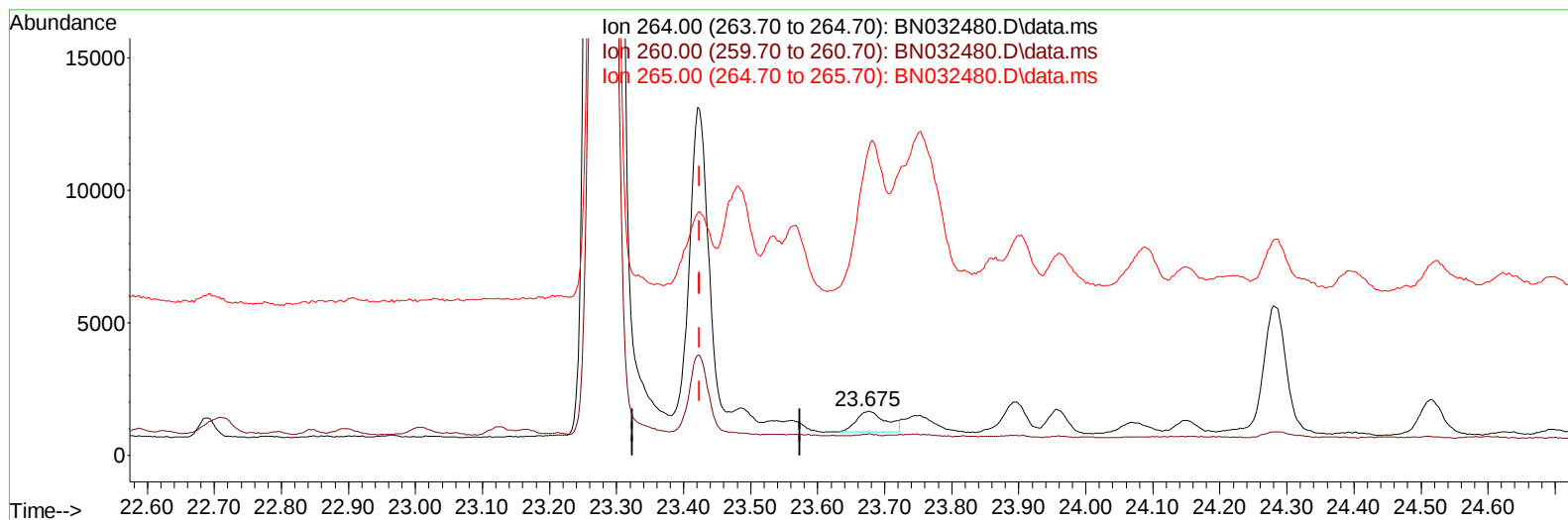
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(23) Perylene-d12 (I)

23.675min (+ 0.251) 0.40 ng/u1

response 2461

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	48.59#
265.00	67.20	690.82#
0.00	0.00	0.00

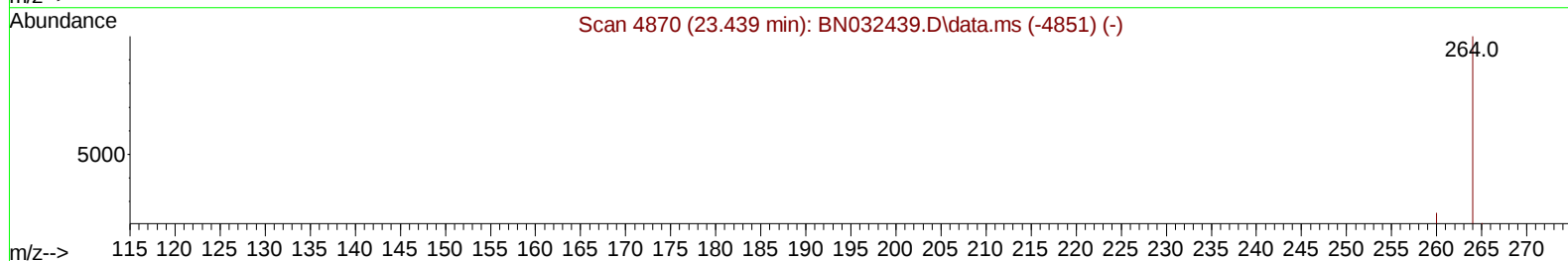
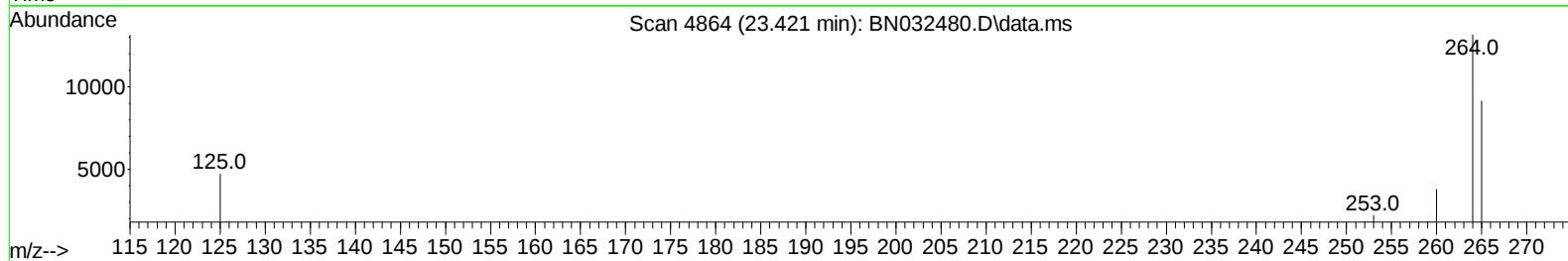
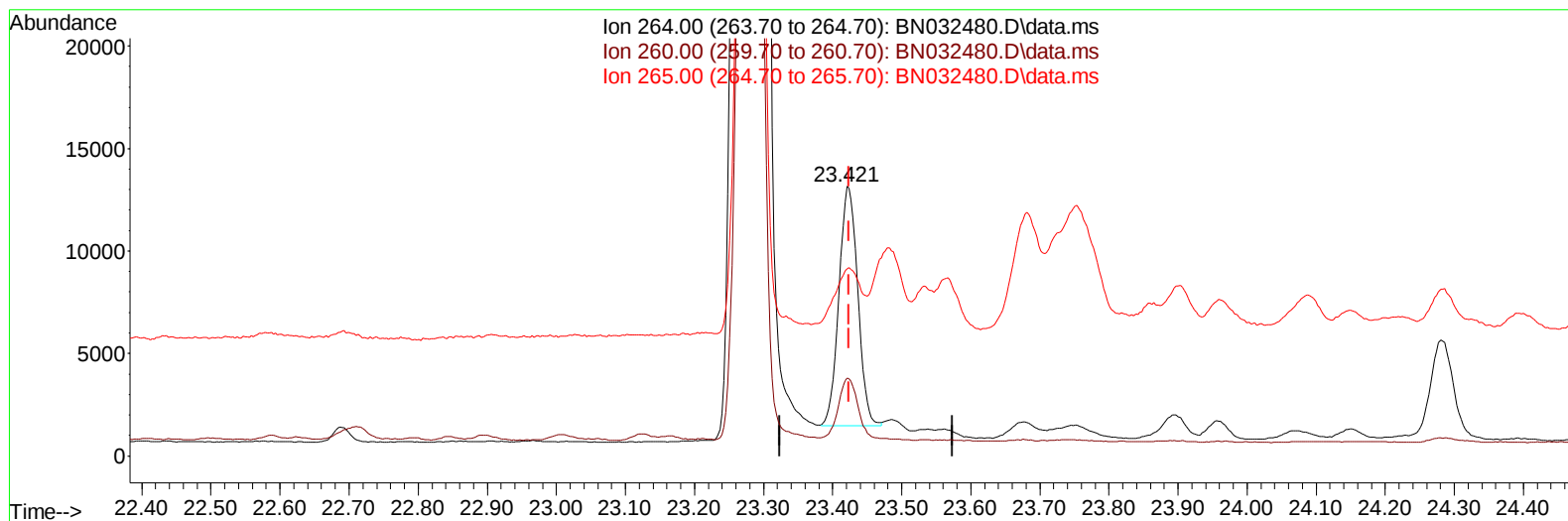
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(23) Perylene-d12 (I)

23.421min (-0.003) 0.40 ng/ul m

response 22061

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	28.79
265.00	67.20	69.47
0.00	0.00	0.00

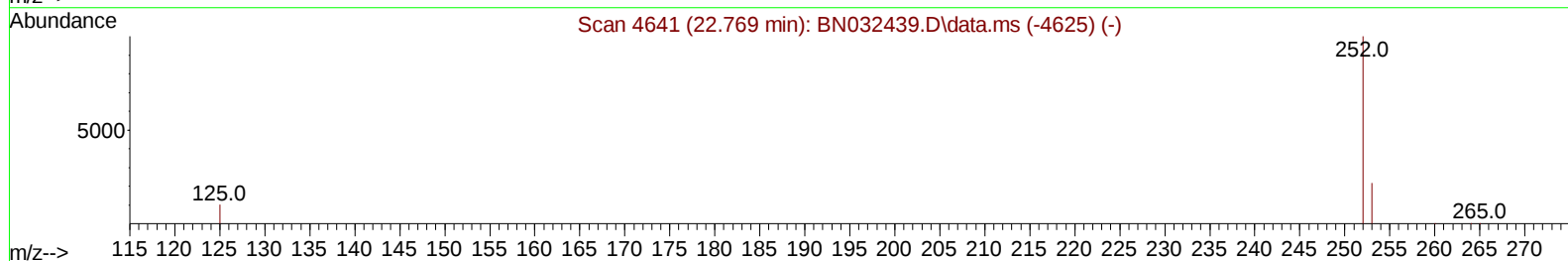
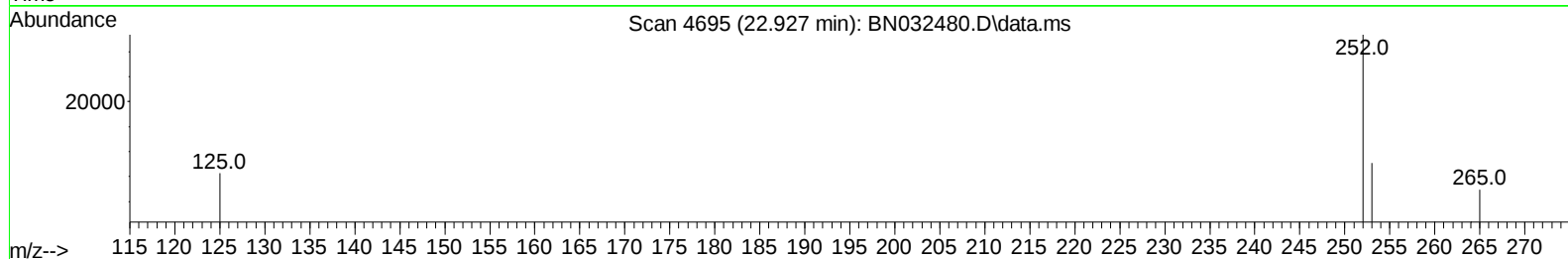
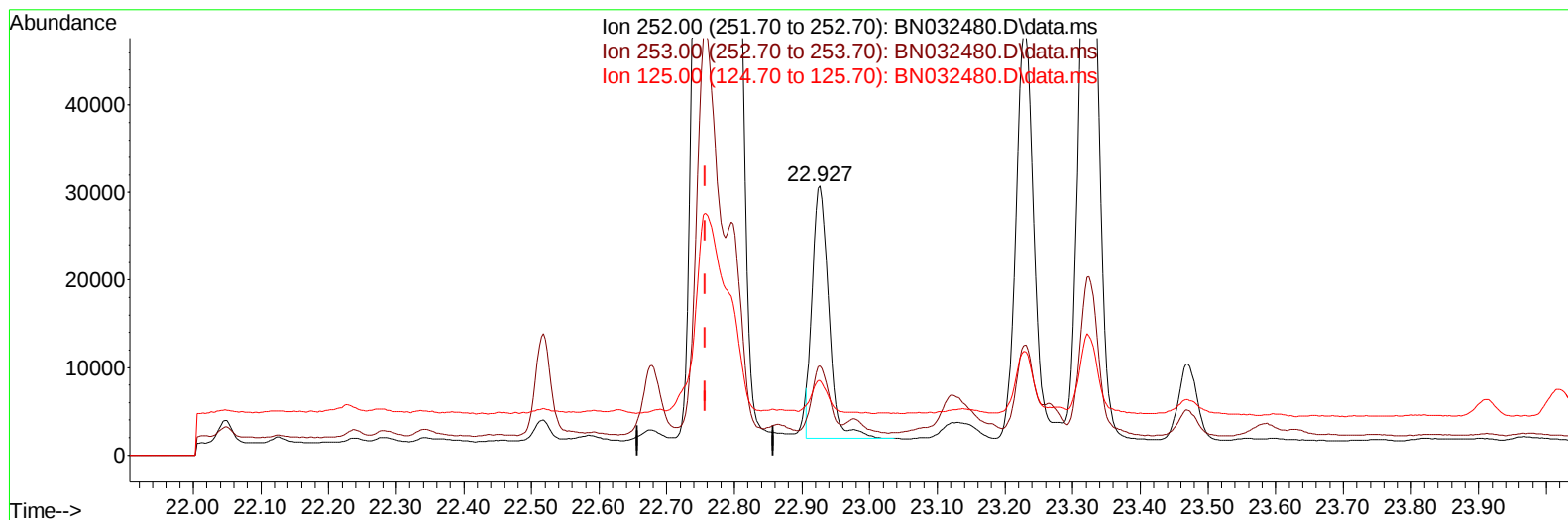
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(24) Benzo(b)fluoranthene

22.927min (+ 0.169) 0.52 ng/u1

response 49370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	33.11
125.00	16.00	27.70
0.00	0.00	0.00

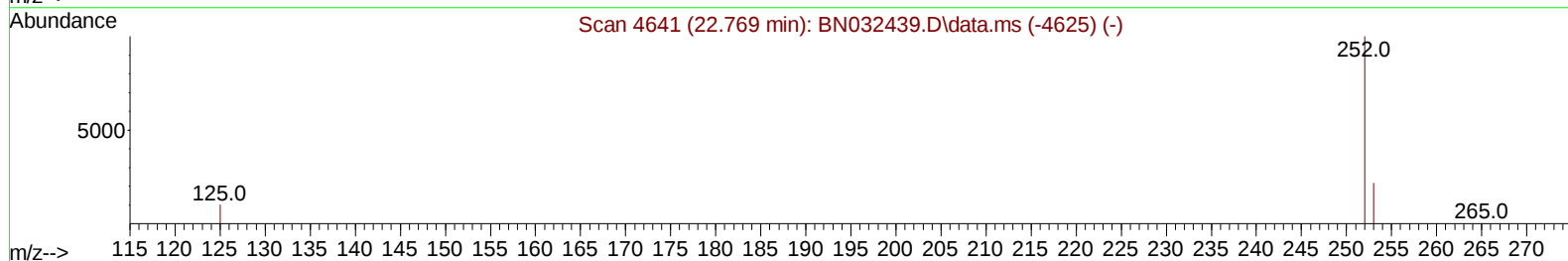
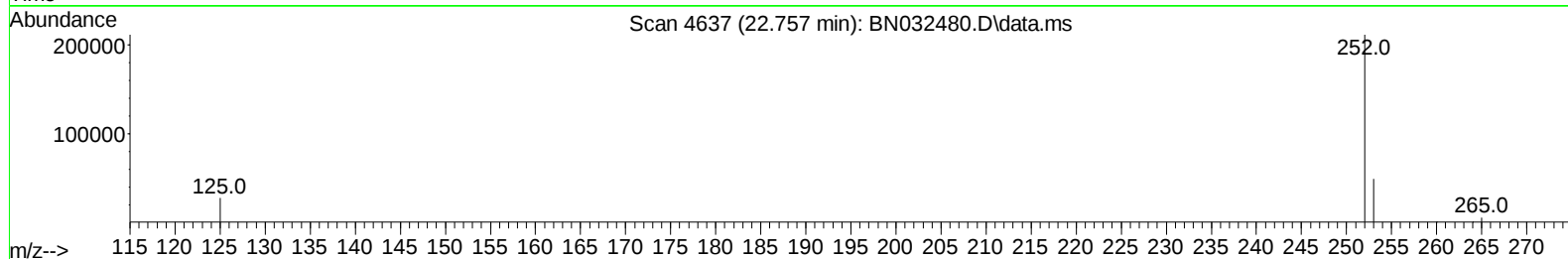
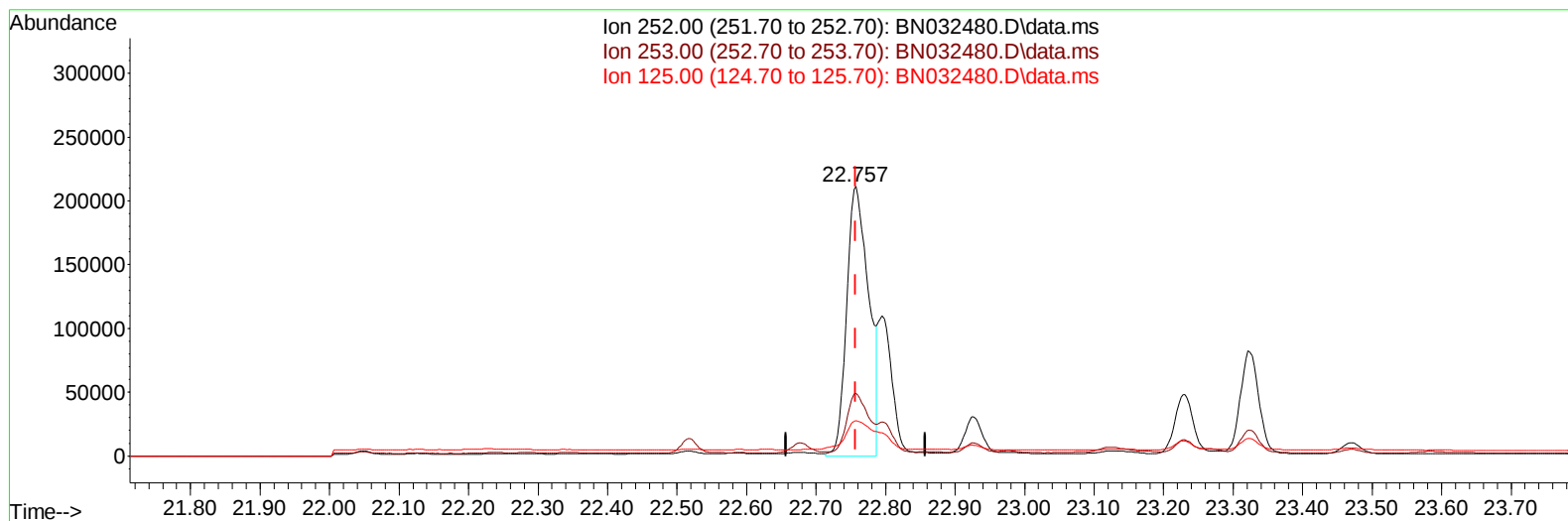
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(24) Benzo(b)fluoranthene

22.757min (-0.000) 4.84 ng/ul m

response 464145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.24
125.00	16.00	13.07
0.00	0.00	0.00

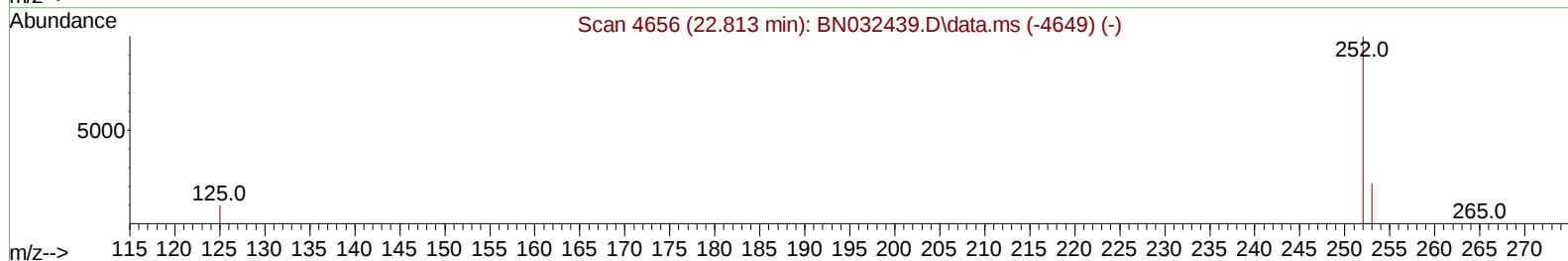
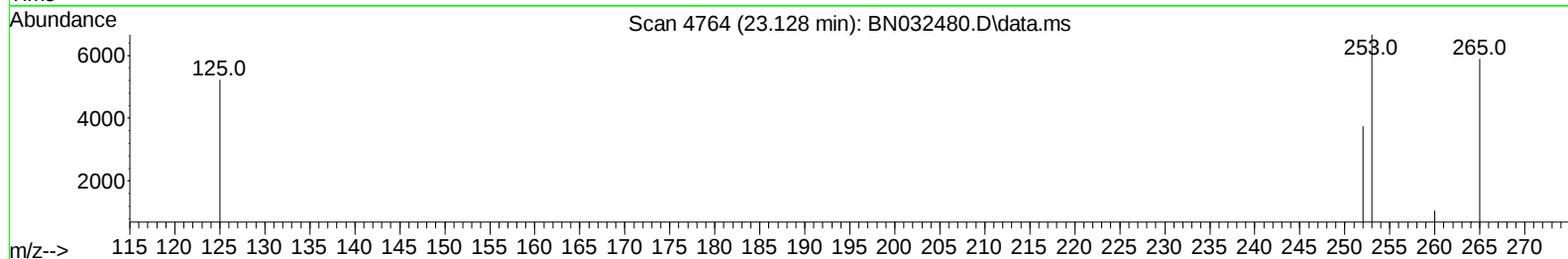
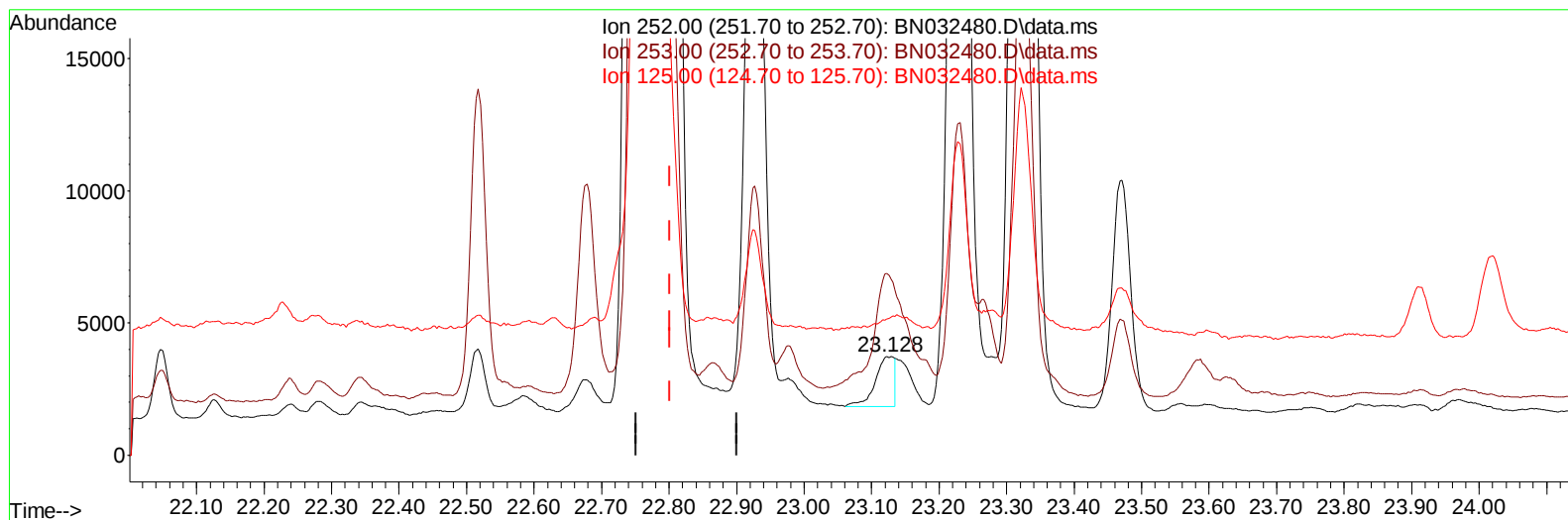
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(25) Benzo(k)fluoranthene

23.128min (+ 0.327) 0.04 ng/u1

response 3712

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	178.04#
125.00	16.00	139.45#
0.00	0.00	0.00

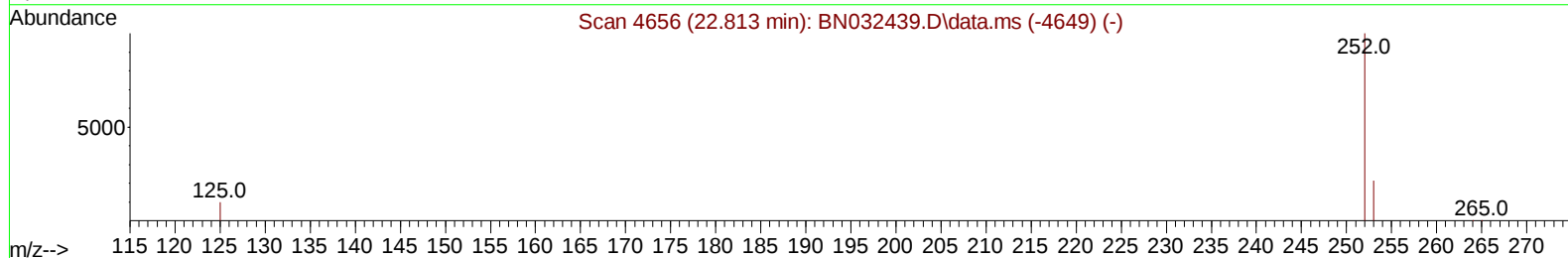
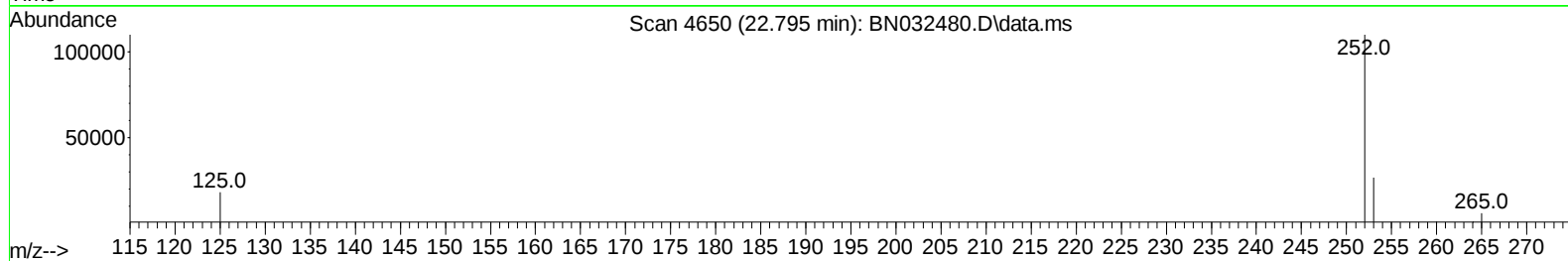
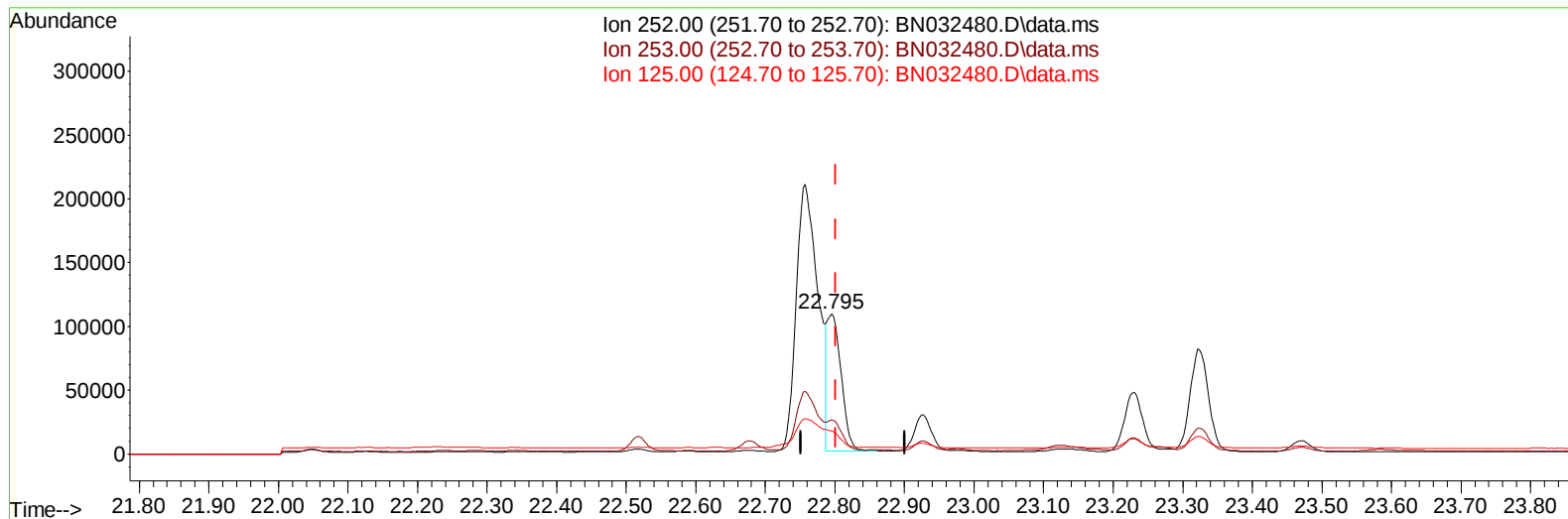
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



TIC: BN032480.D\data.ms

(25) Benzo(k)fluoranthene

22.795min (-0.006) 1.61 ng/u1 m

response 150228

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.23
125.00	16.00	16.52
0.00	0.00	0.00

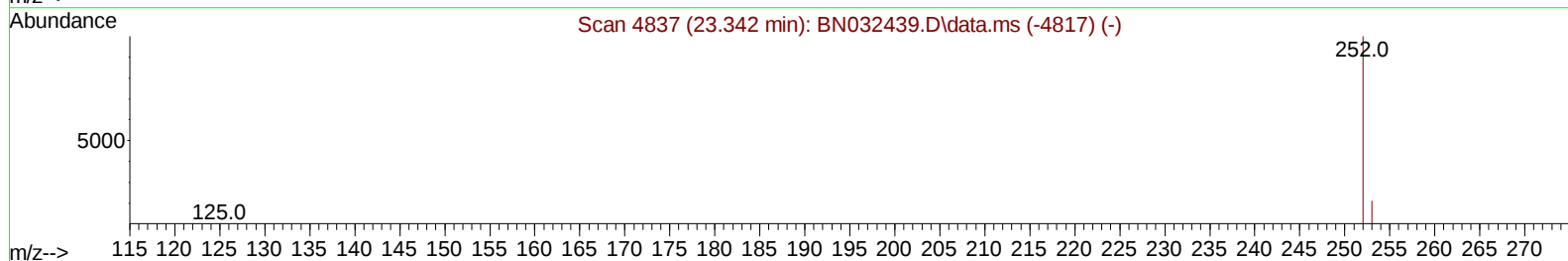
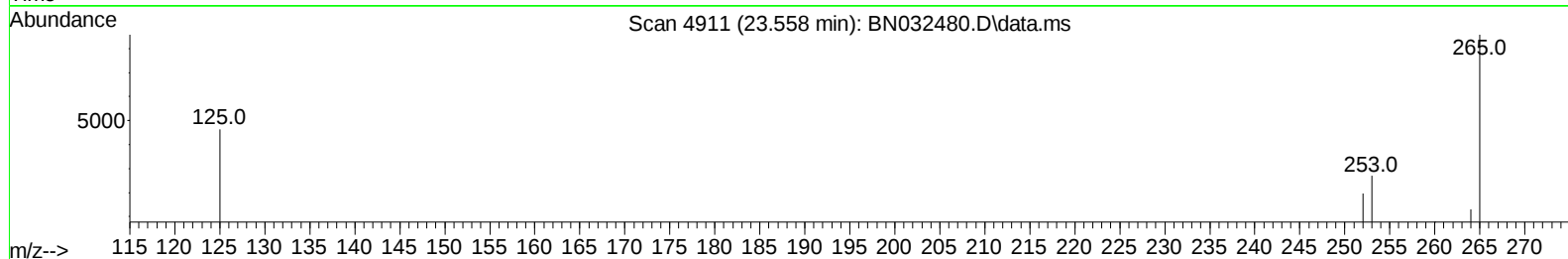
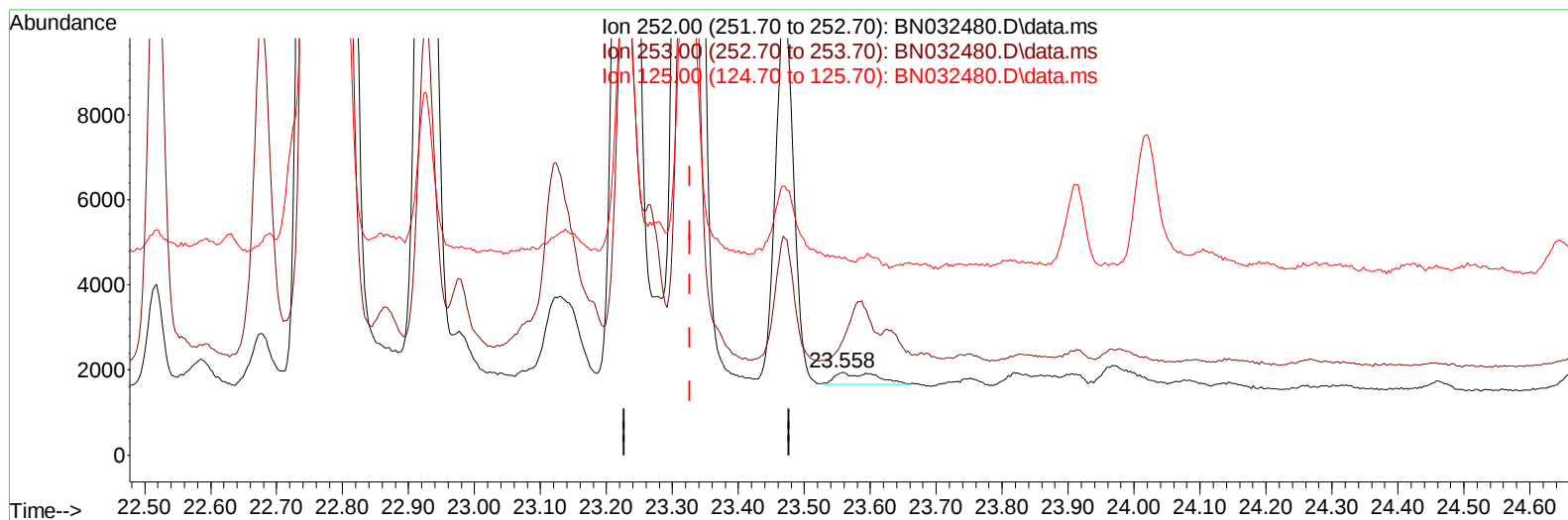
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(26) Benzo(a)pyrene (C)

23.558min (+ 0.231) 0.02 ng/u1

response 1253

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	138.05#
125.00	20.50	237.74#
0.00	0.00	0.00

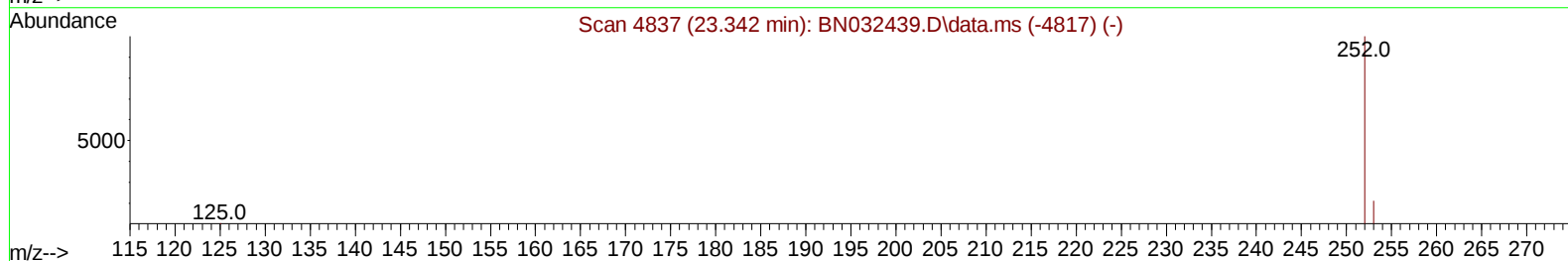
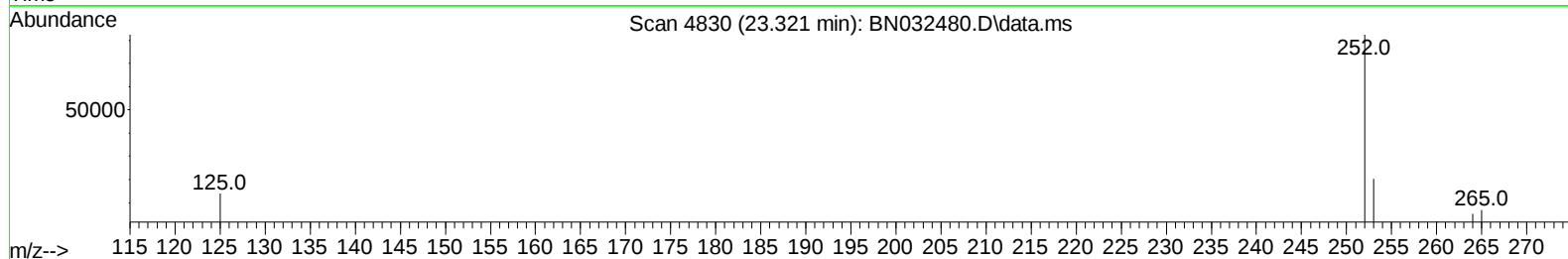
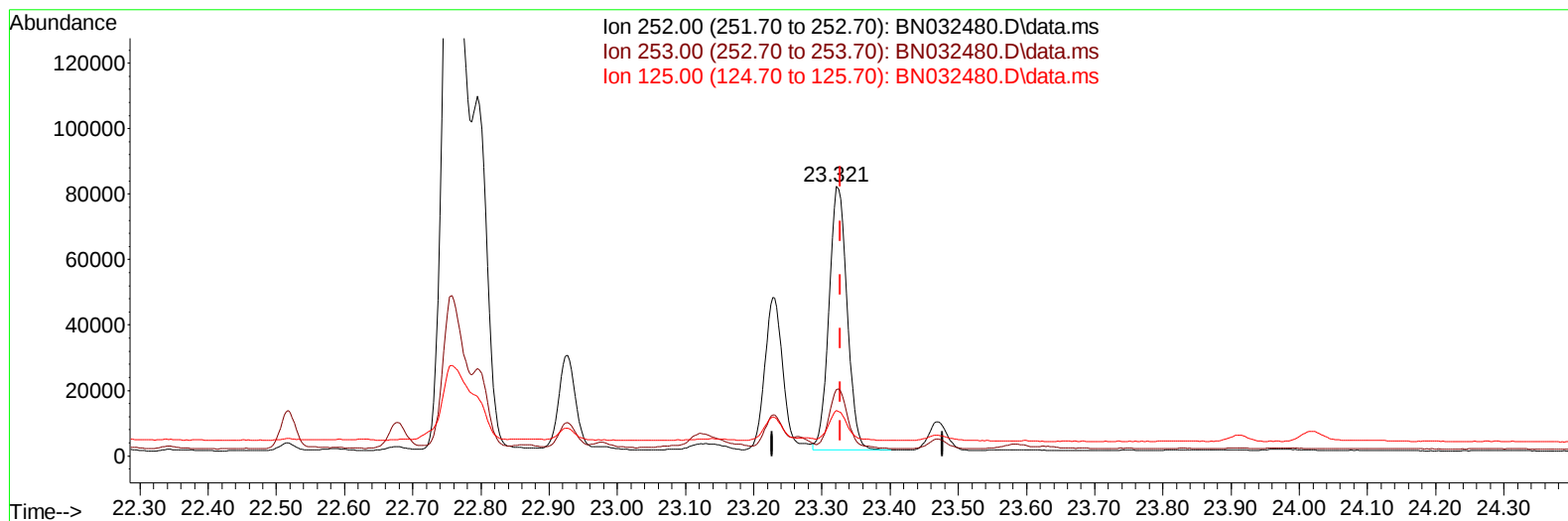
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(26) Benzo(a)pyrene (C)

23.321min (-0.006) 2.24 ng/ul m

response 149103

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.73
125.00	20.50	16.87
0.00	0.00	0.00

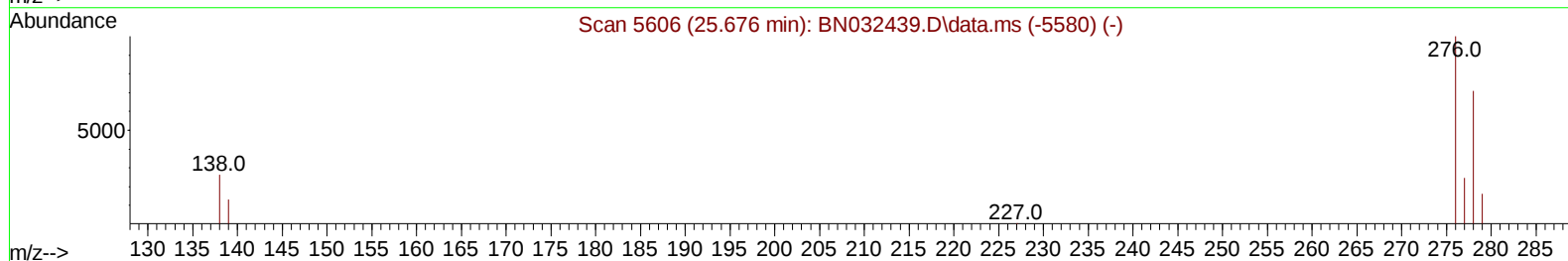
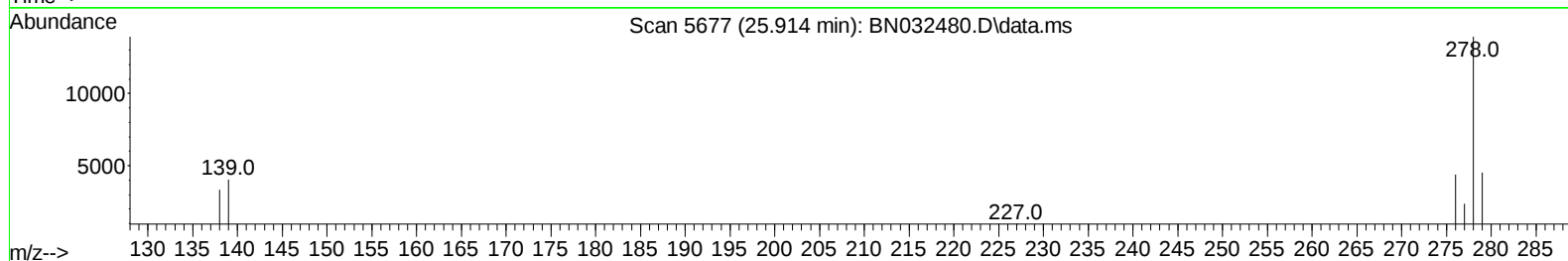
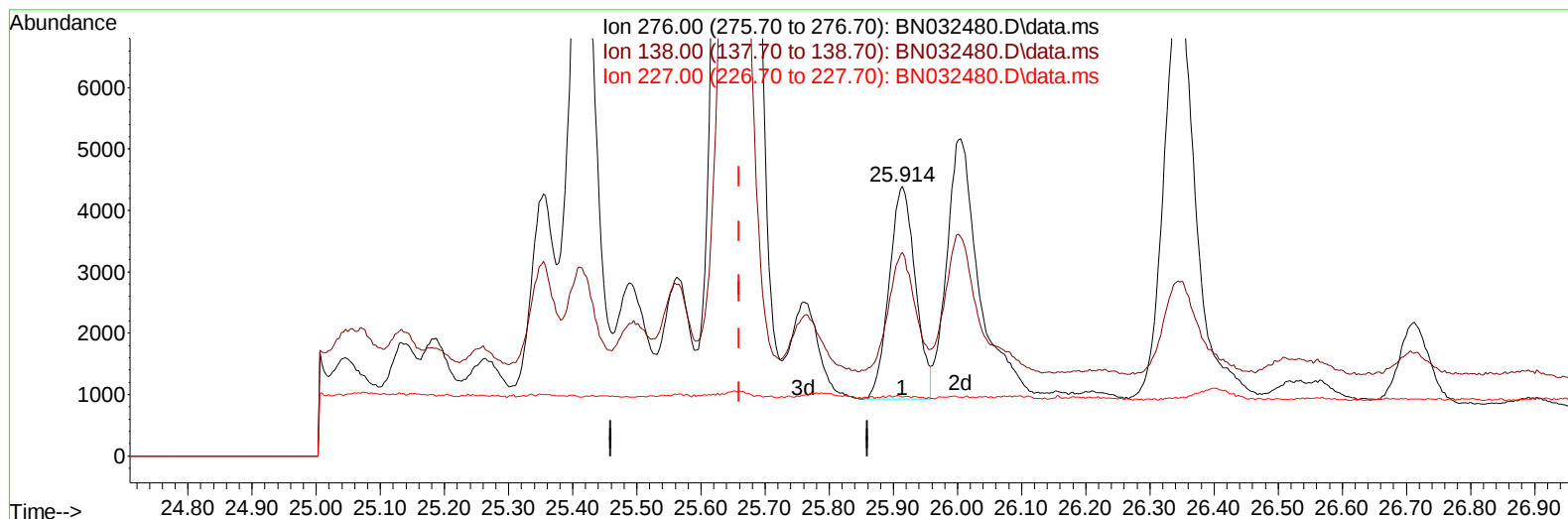
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

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

25.914min (+ 0.255) 0.09 ng/u1

response 9878

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.80#
227.00	0.10	0.42#
0.00	0.00	0.00

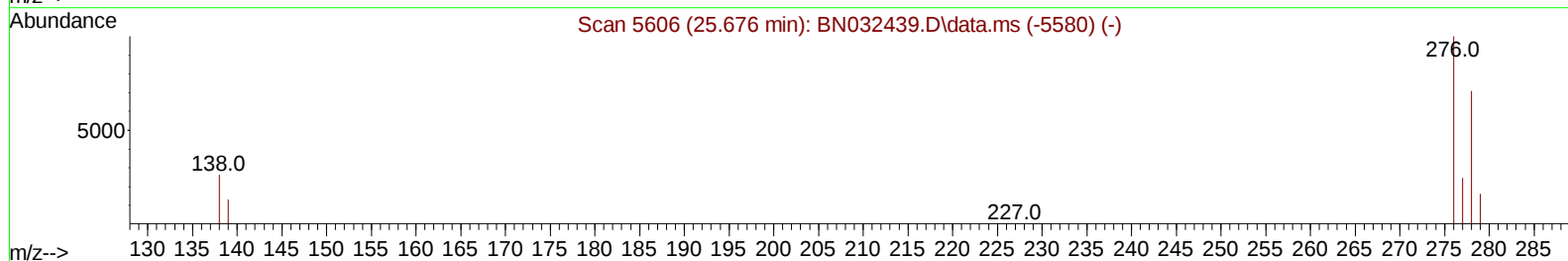
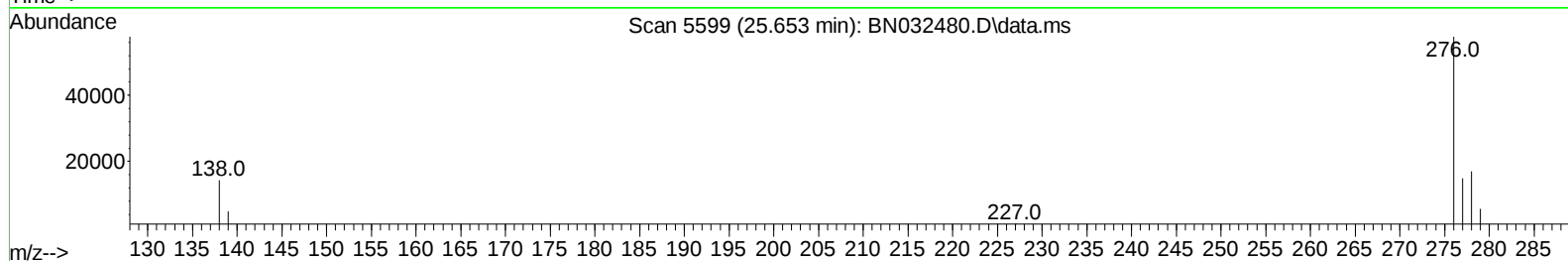
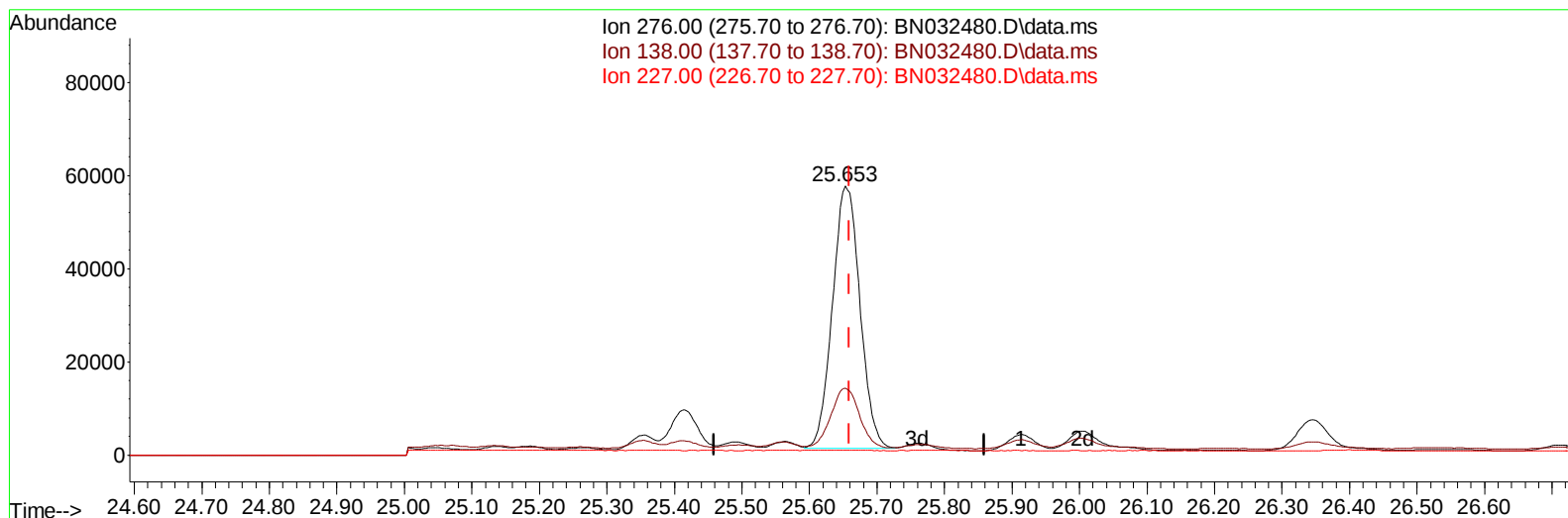
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

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

25.653min (-0.007) 1.52 ng/ul m

response 159137

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.53#
227.00	0.10	0.03#
0.00	0.00	0.00

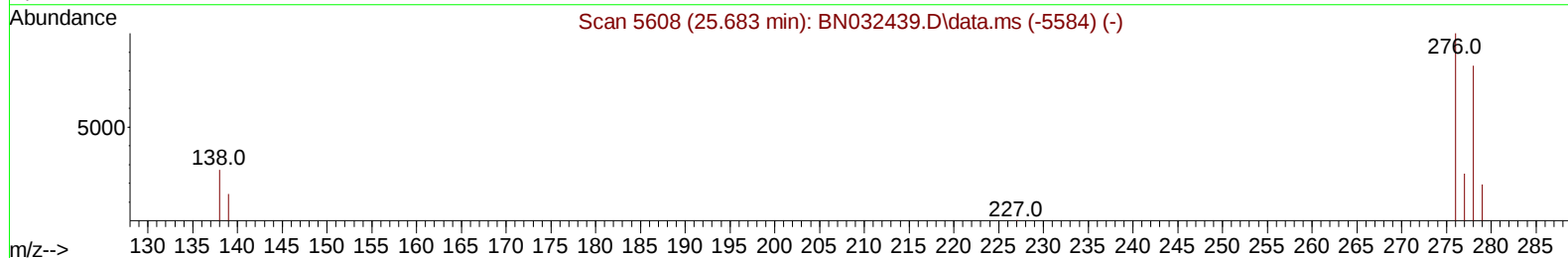
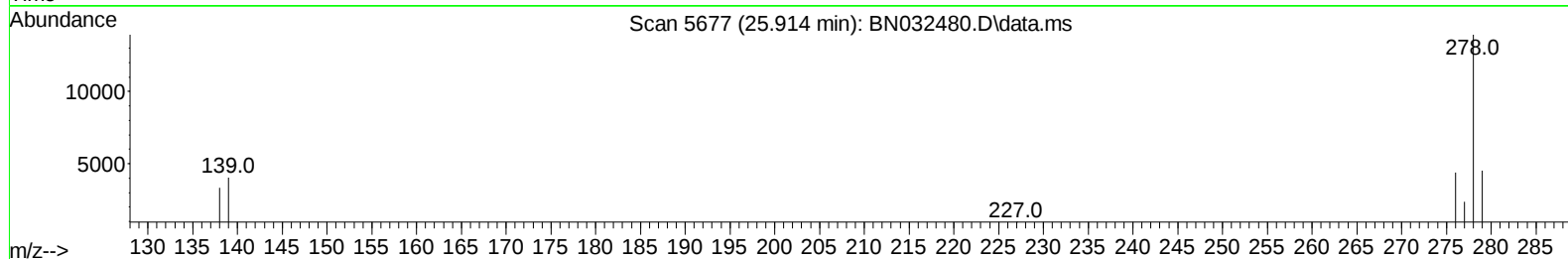
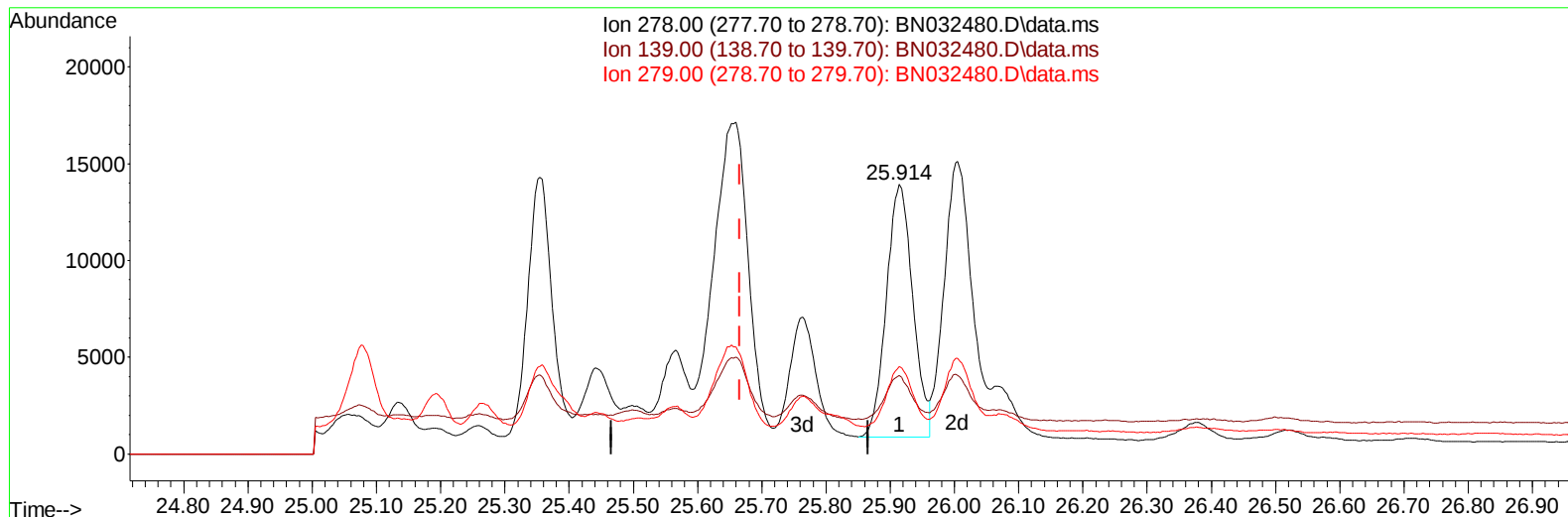
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(28) Dibenzo(a,h)anthracene

25.914min (+ 0.248) 0.48 ng/u1

response 37388

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.02#
279.00	26.40	32.55#
0.00	0.00	0.00

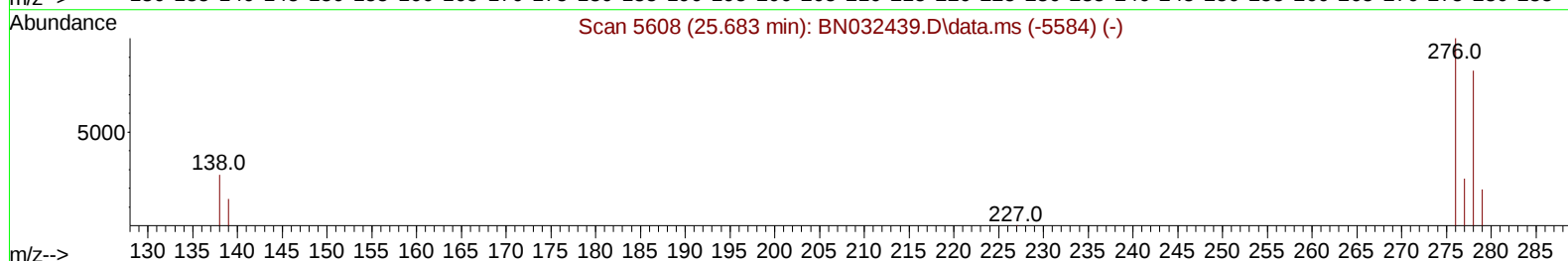
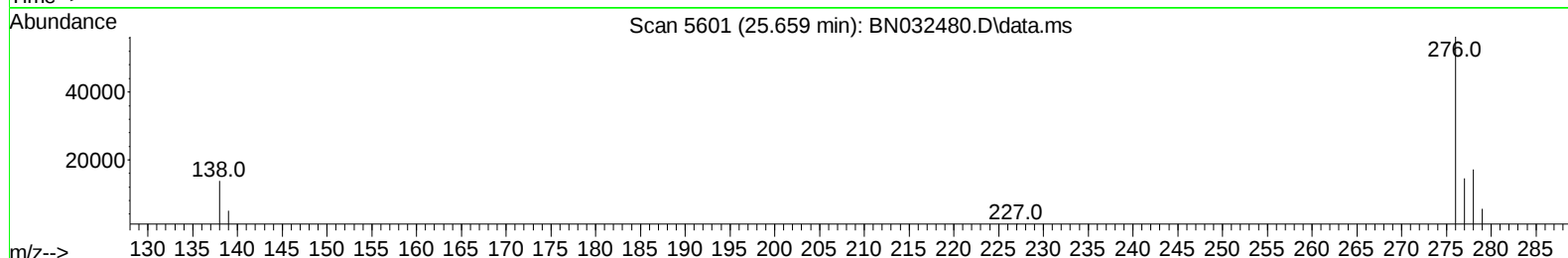
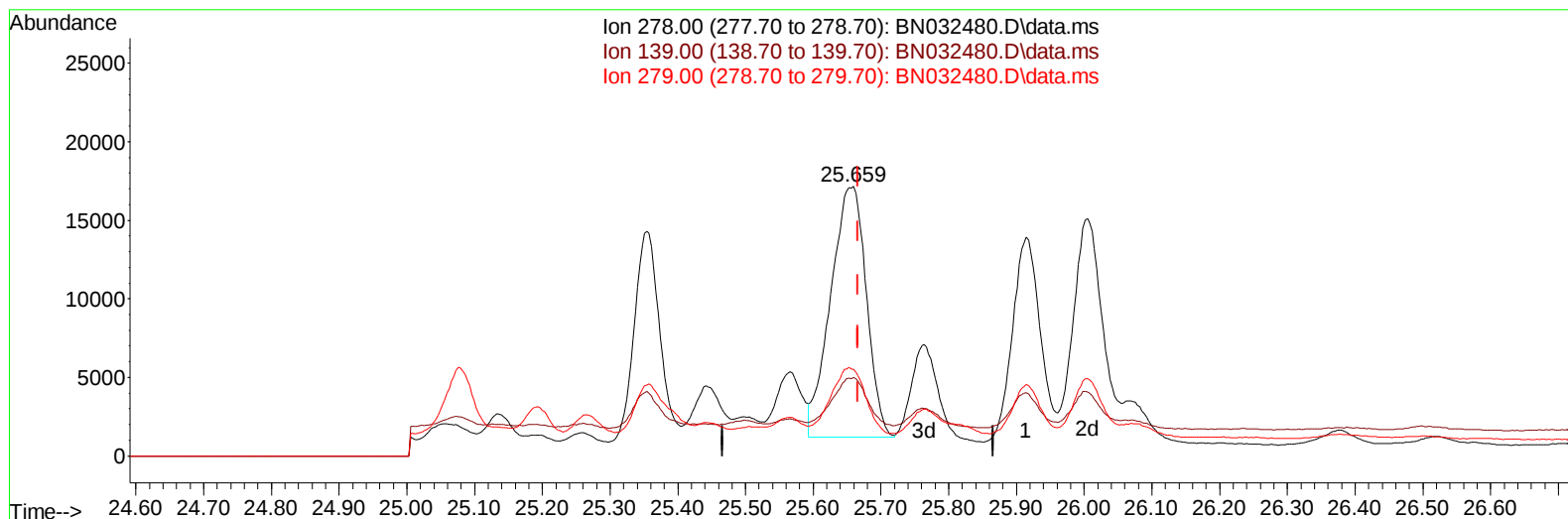
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

(28) Dibenzo(a,h)anthracene

25.659min (-0.007) 0.75 ng/ul m

response 58235

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.20#
279.00	26.40	32.31#
0.00	0.00	0.00

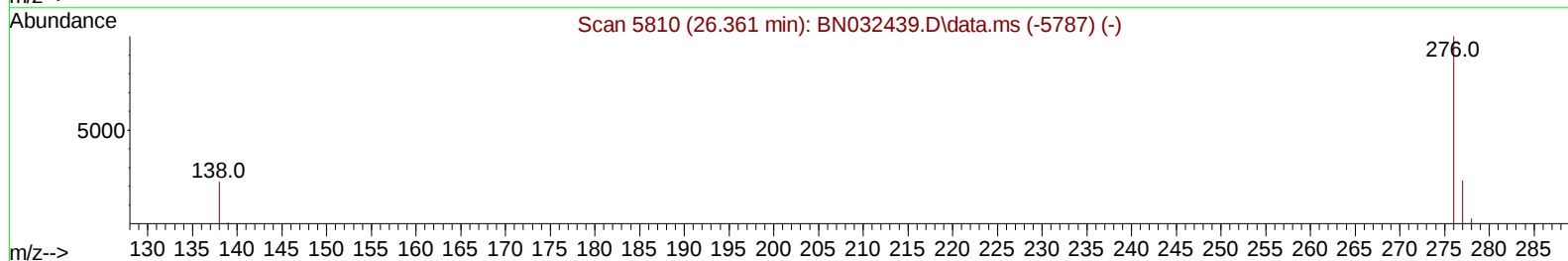
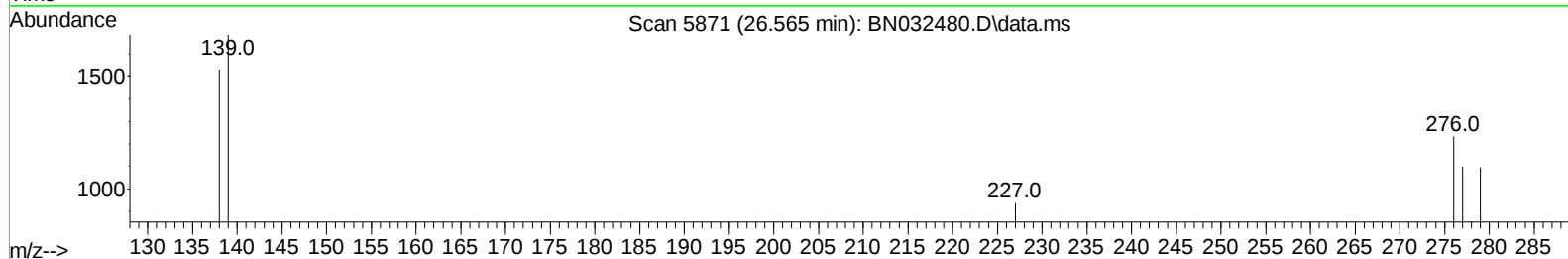
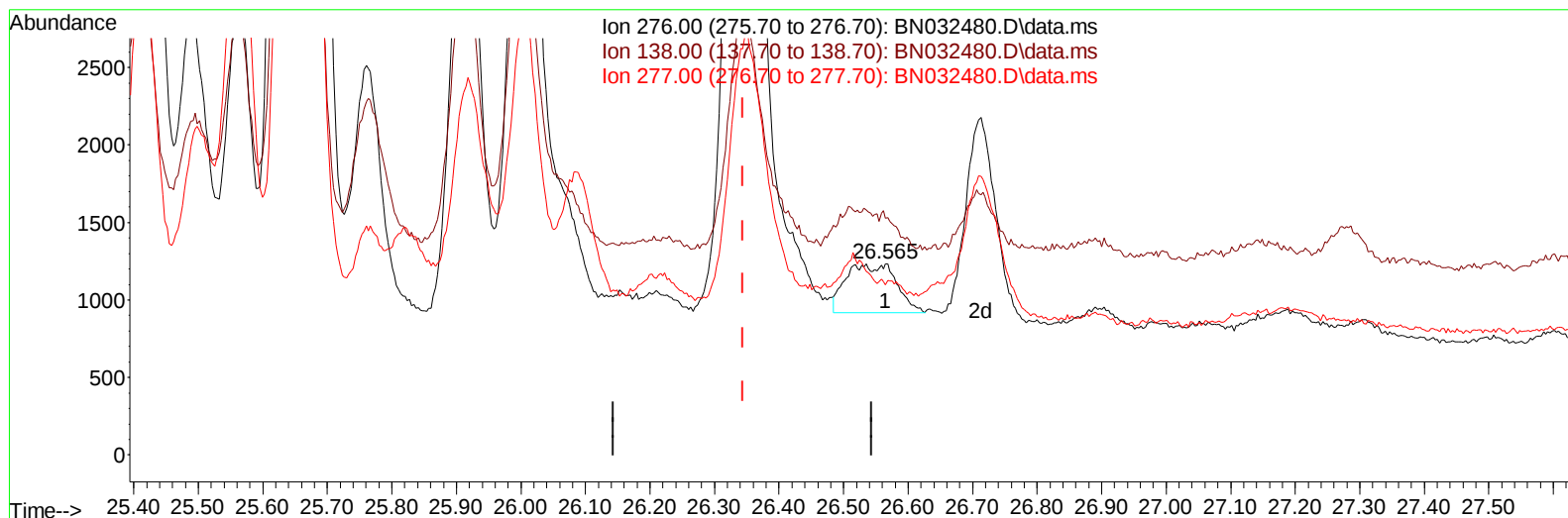
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

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

26.565min (+ 0.221) 0.02 ng/u1

response 1682

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	123.81#
277.00	24.70	88.99#
0.00	0.00	0.00

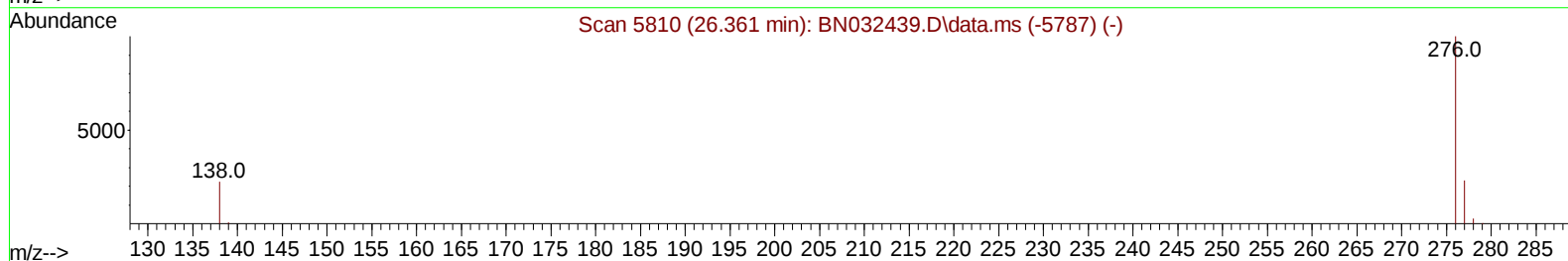
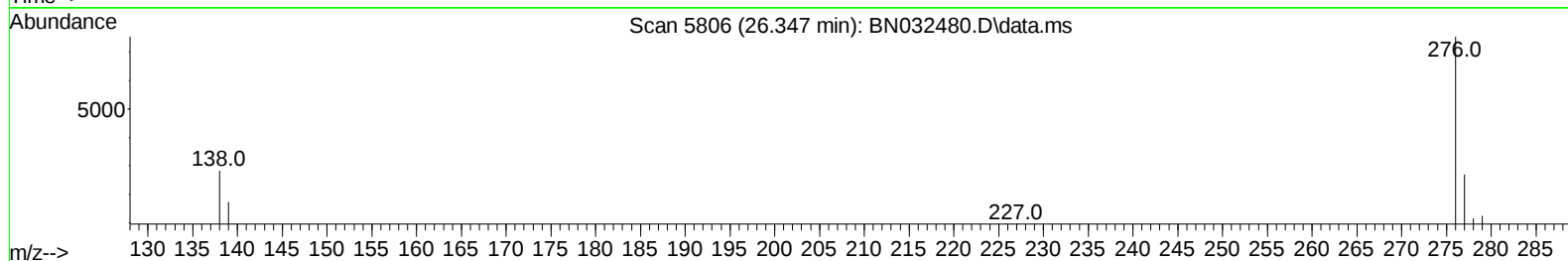
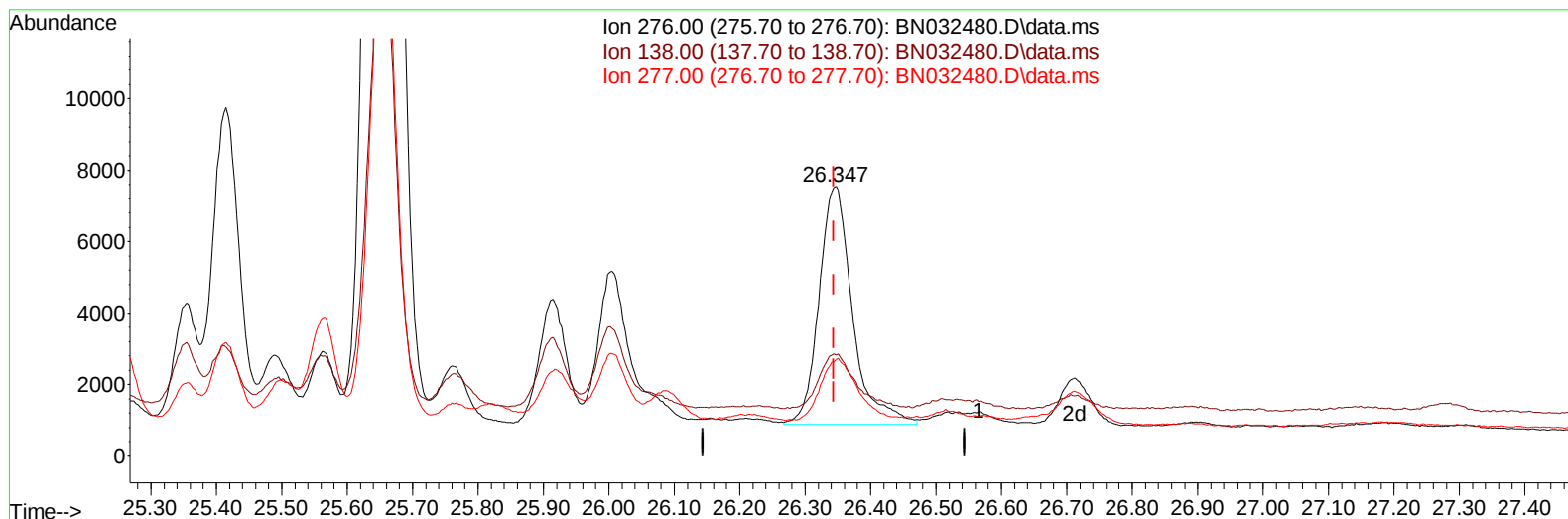
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032480.D\data.ms

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

26.347min (+ 0.003) 0.29 ng/ul m

response 23848

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	37.50#
277.00	24.70	35.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032480.D
 Acq On : 04 Jul 2024 18:46
 Operator : MA/JU
 Sample : P3065-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE8

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:07:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	21151	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11552	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	21783m	0.400	ng/ul	0.00
17) Chrysene-d12	21.205	240	18413m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	22061m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27710	3.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6399	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	12632m	0.228	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	9125	0.163	ng/ul	97
7) 2-Methylnaphthalene	12.048	142	3009	0.081	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	2208	0.057	ng/ul	97
10) Acenaphthylene	13.966	152	18303	0.381	ng/ul	98
11) Acenaphthene	14.308	153	9621	0.258	ng/ul	98
12) Fluorene	15.303	166	11585	0.261	ng/ul	98
15) Phenanthrene	17.041	178	236294m	3.957	ng/ul	
16) Anthracene	17.134	178	46023m	0.864	ng/ul	
19) Fluoranthene	19.068	202	568200m	8.104	ng/ul	
20) Pyrene	19.436	202	374329m	5.109	ng/ul	
21) Benzo(a)anthracene	21.191	228	256494m	3.860	ng/ul	
22) Chrysene	21.241	228	309750m	4.246	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	464145m	4.843	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	150228m	1.613	ng/ul	
26) Benzo(a)pyrene	23.321	252	149103m	2.236	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.653	276	159137m	1.524	ng/ul	
28) Dibenzo(a,h)anthracene	25.659	278	58235m	0.751	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	23848m	0.287	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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

