

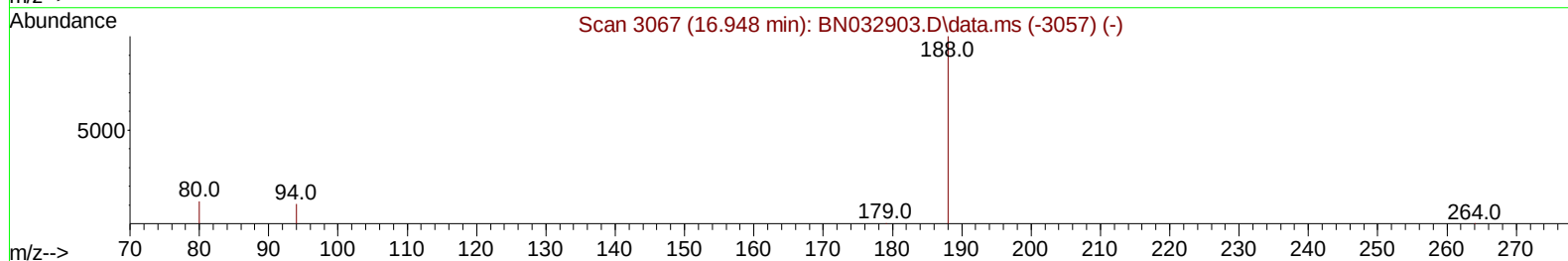
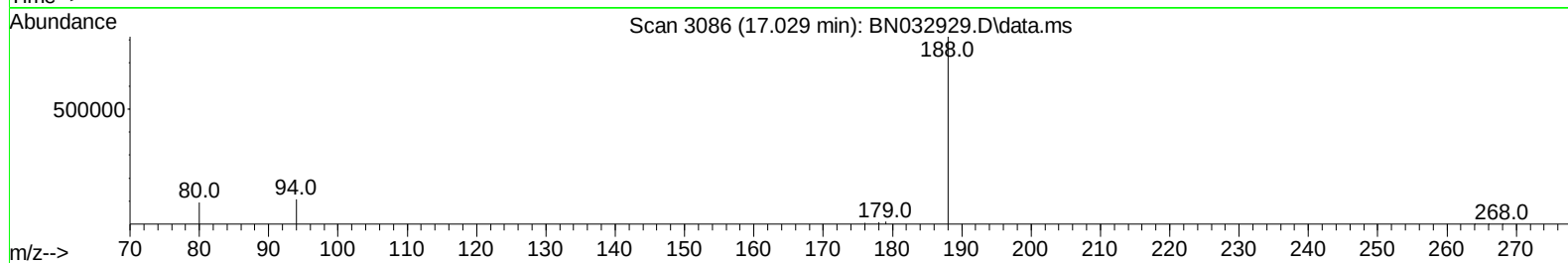
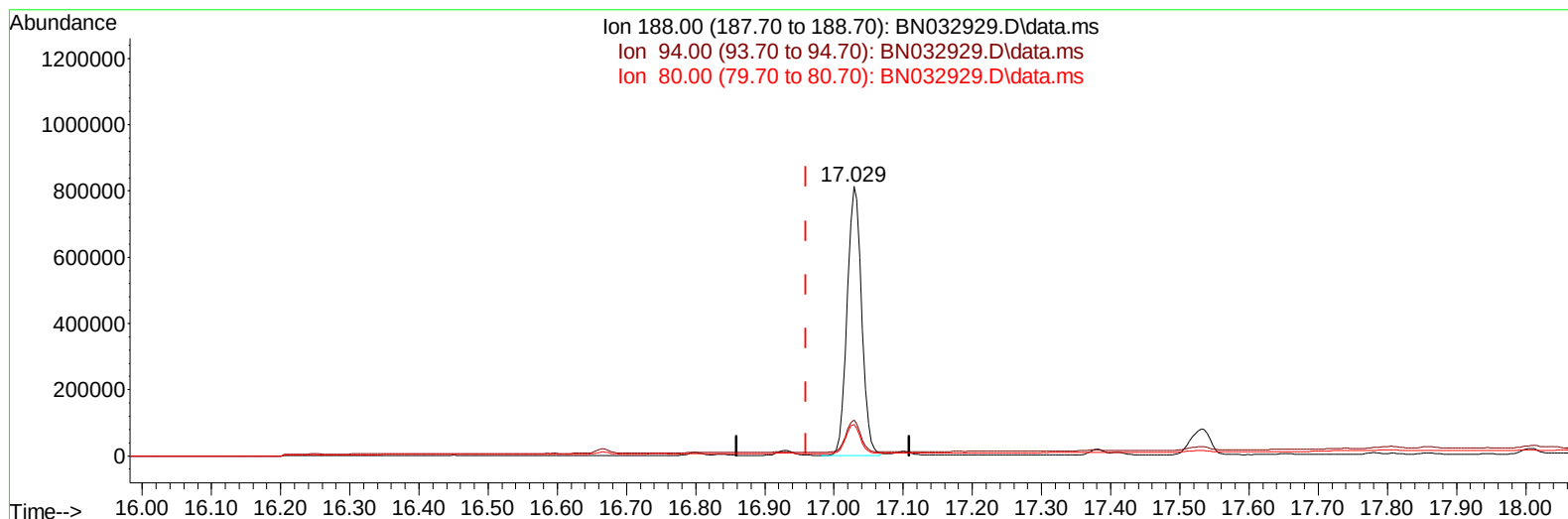
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(13) Phenanthrene-d10 (I)

17.029min (+ 0.069) 0.40 ng/u1

response 1181612

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.34#
80.00	12.00	11.72
0.00	0.00	0.00

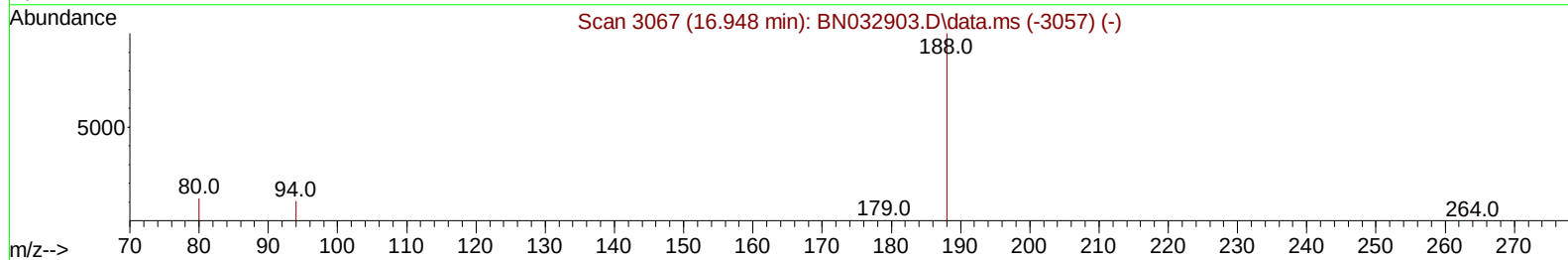
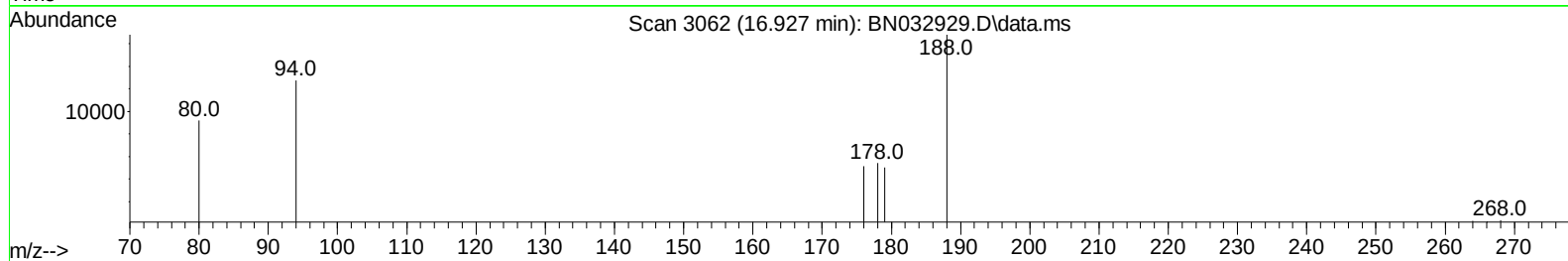
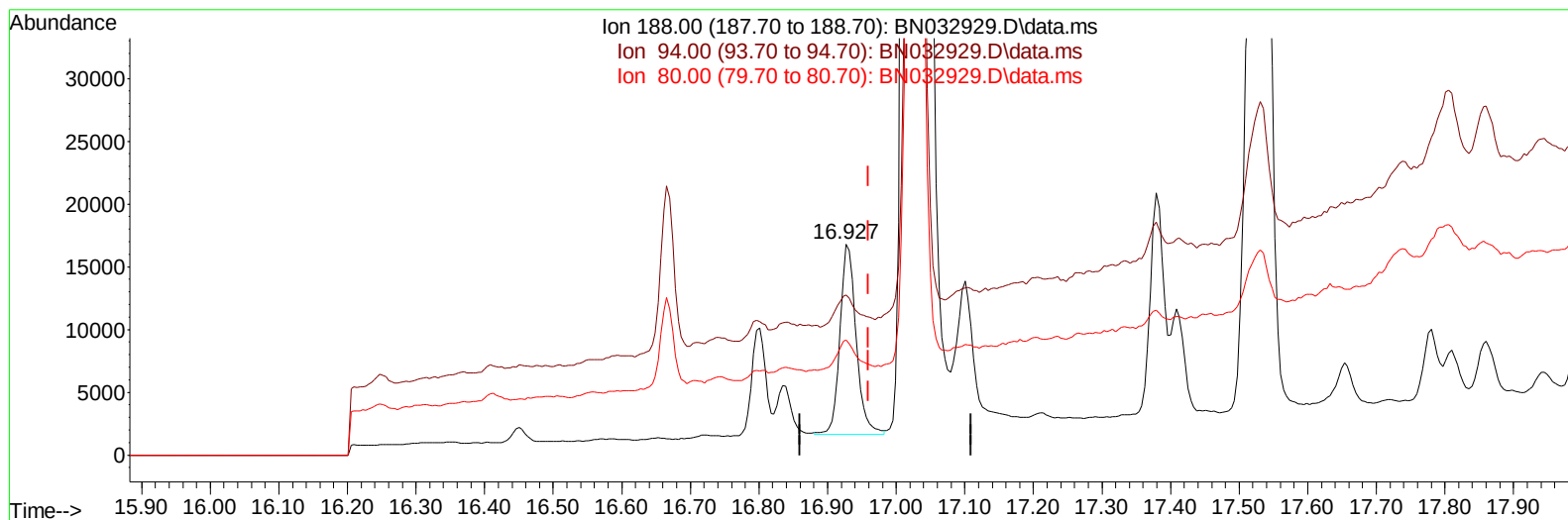
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032929.D
 Acq On : 24 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(13) Phenanthrene-d10 (I)

16.927min (-0.032) 0.40 ng/ul m

response 24677

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	75.88#
80.00	12.00	54.57#
0.00	0.00	0.00

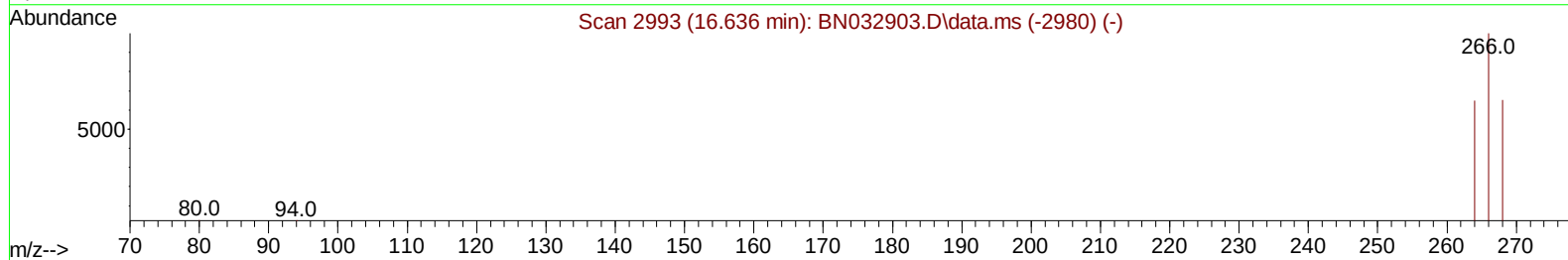
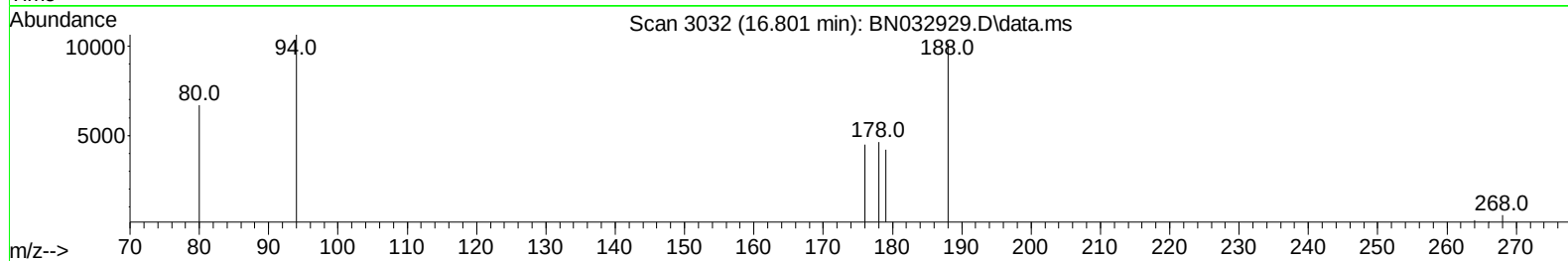
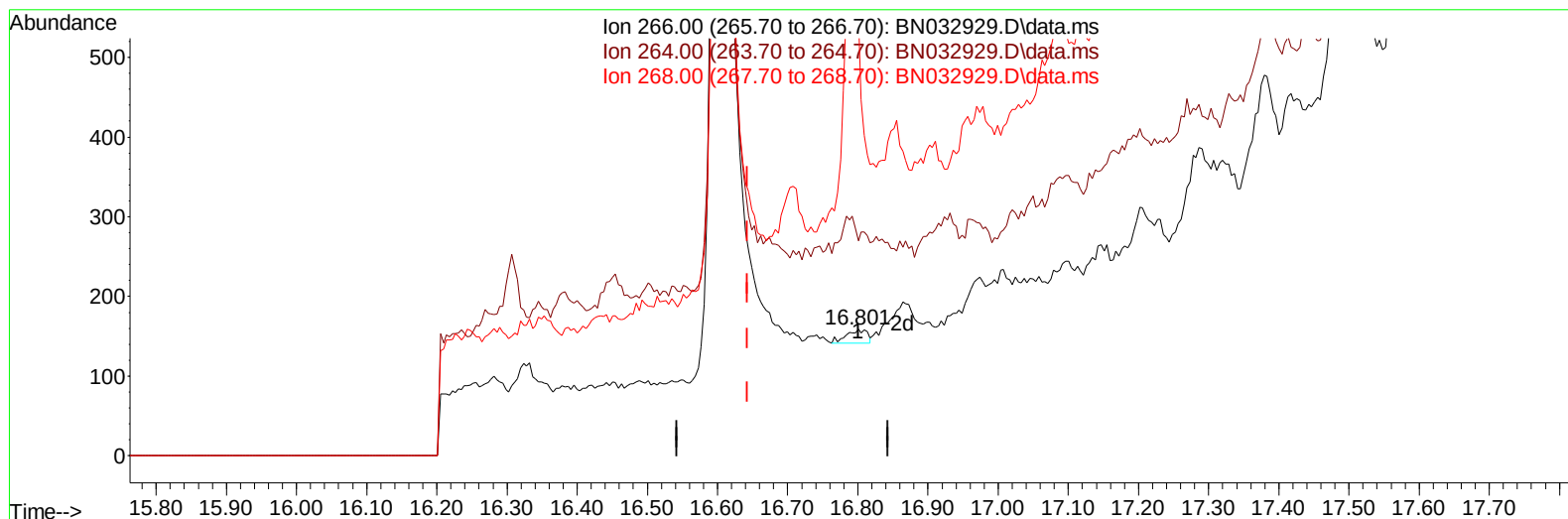
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(14) Pentachlorophenol

16.801min (+ 0.158) 0.01 ng/u1

response 36

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	255.56#
268.00	64.50	2133.33#
0.00	0.00	0.00

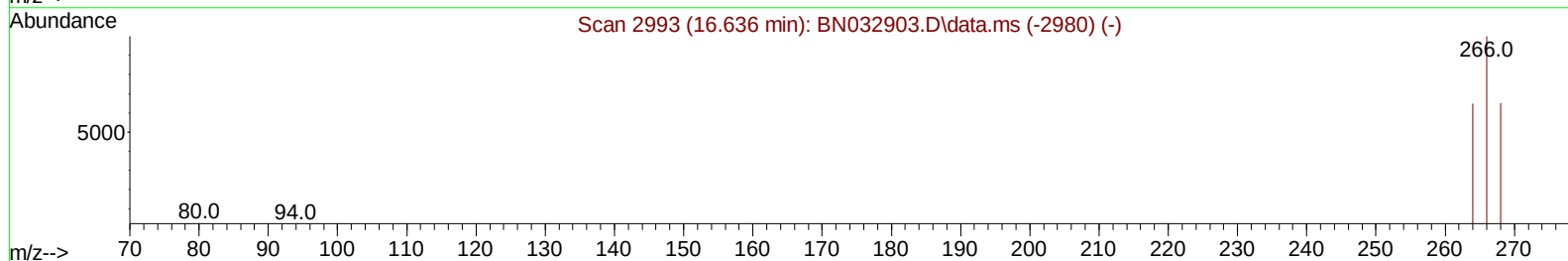
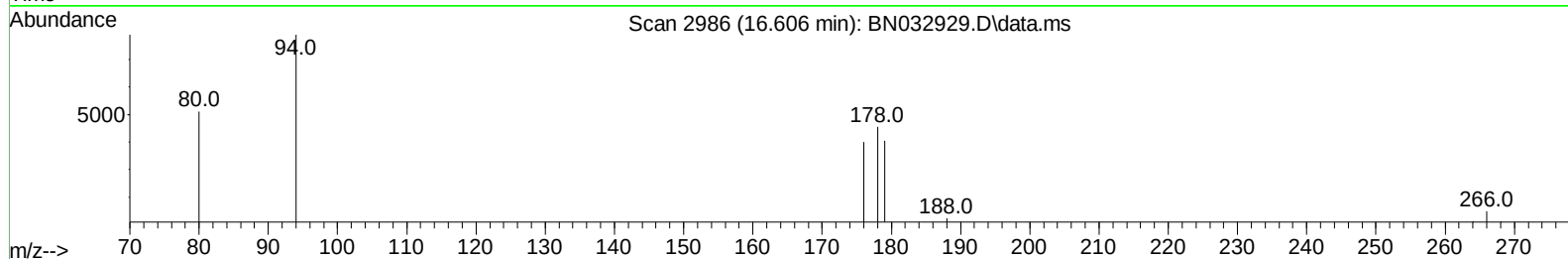
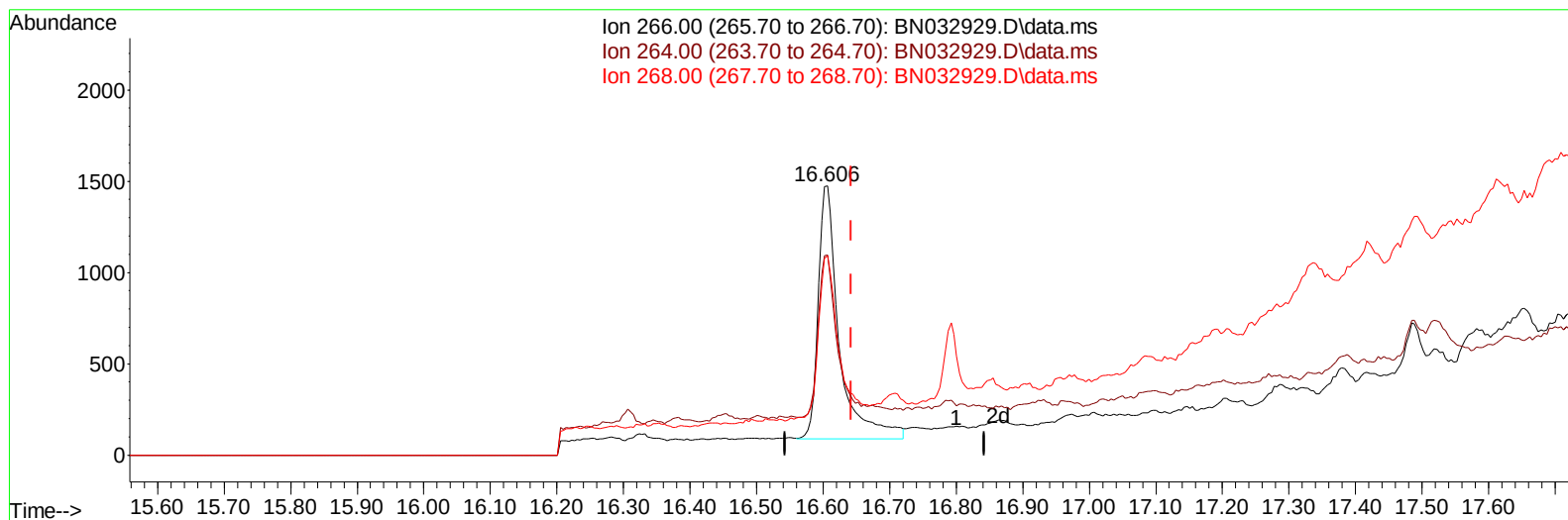
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032929.D
 Acq On : 24 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(14) Pentachlorophenol

16.606min (-0.036) 0.70 ng/ul m

response 3050

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	3.02#
268.00	64.50	25.18#
0.00	0.00	0.00

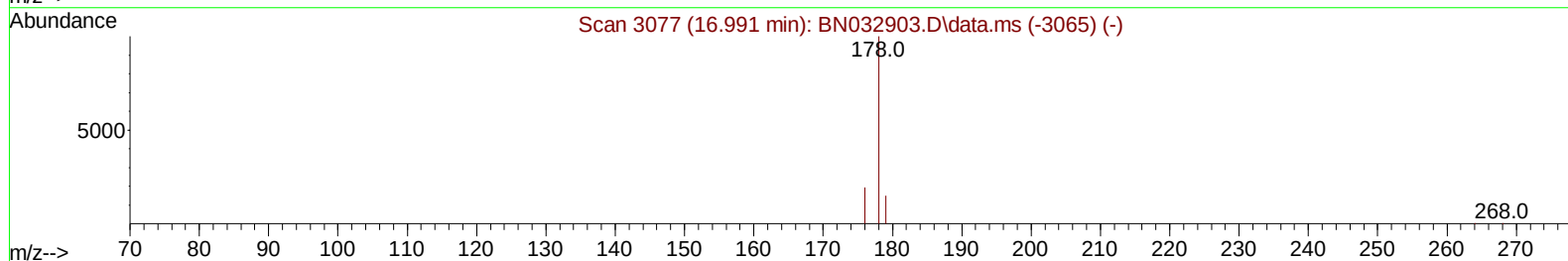
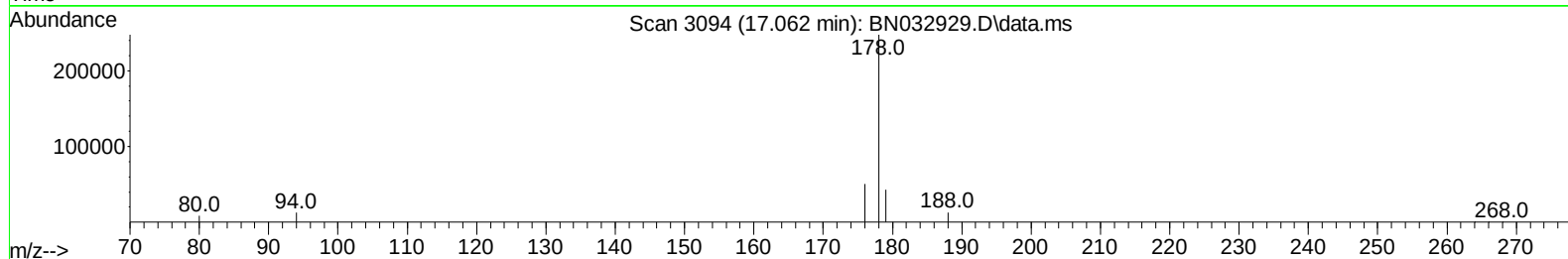
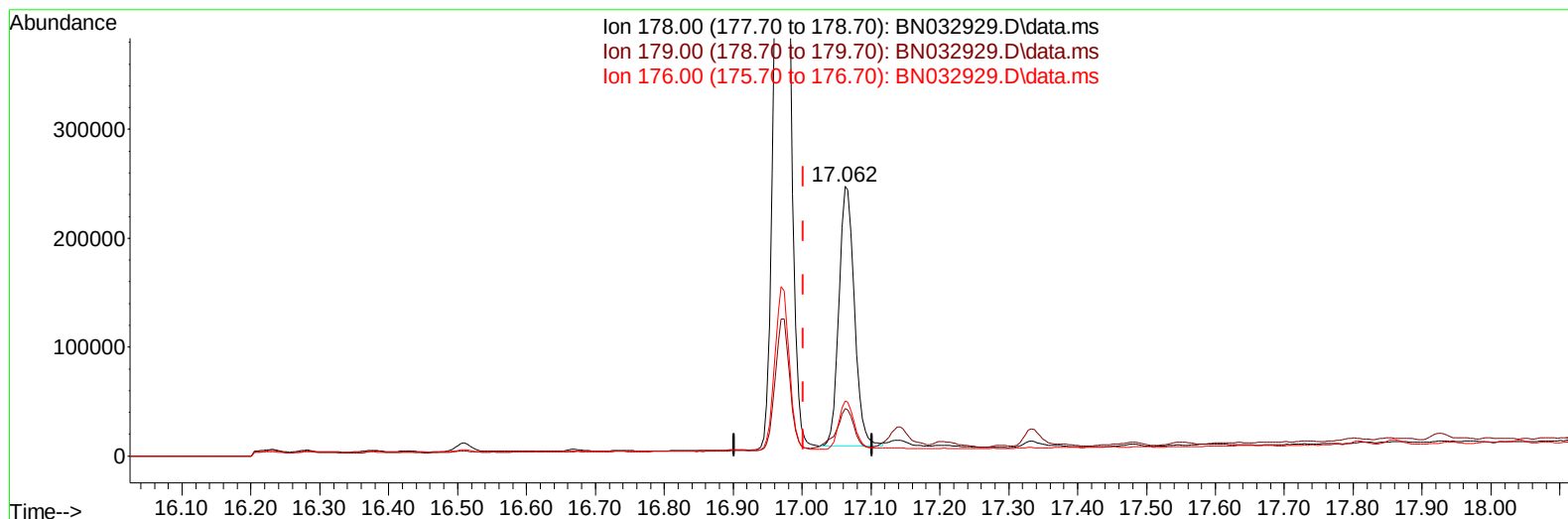
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(15) Phenanthrene

17.062min (+ 0.061) 5.54 ng/u1

response 372124

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.52
176.00	19.50	20.36
0.00	0.00	0.00

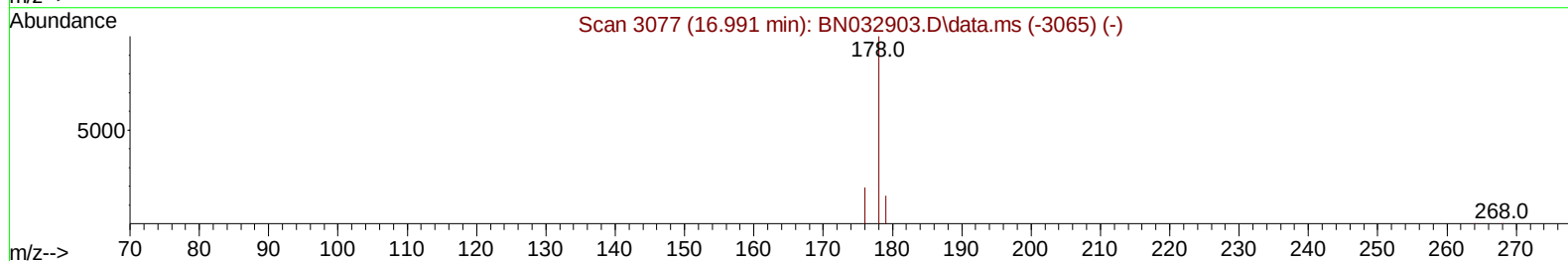
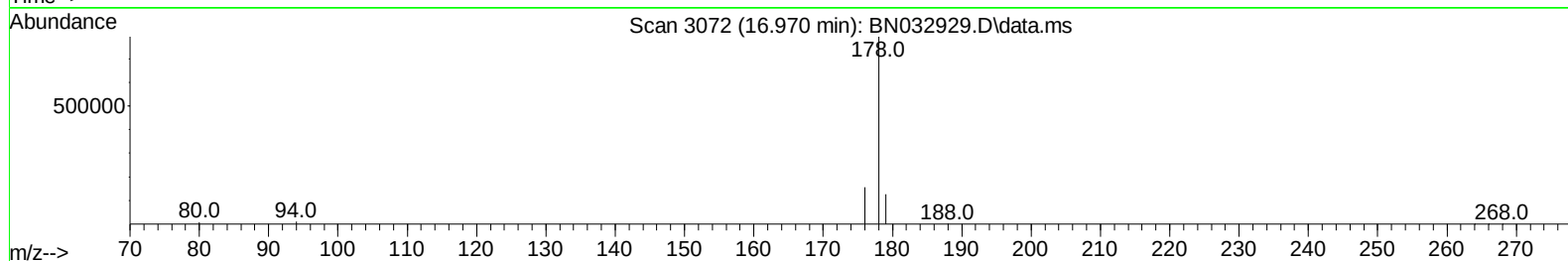
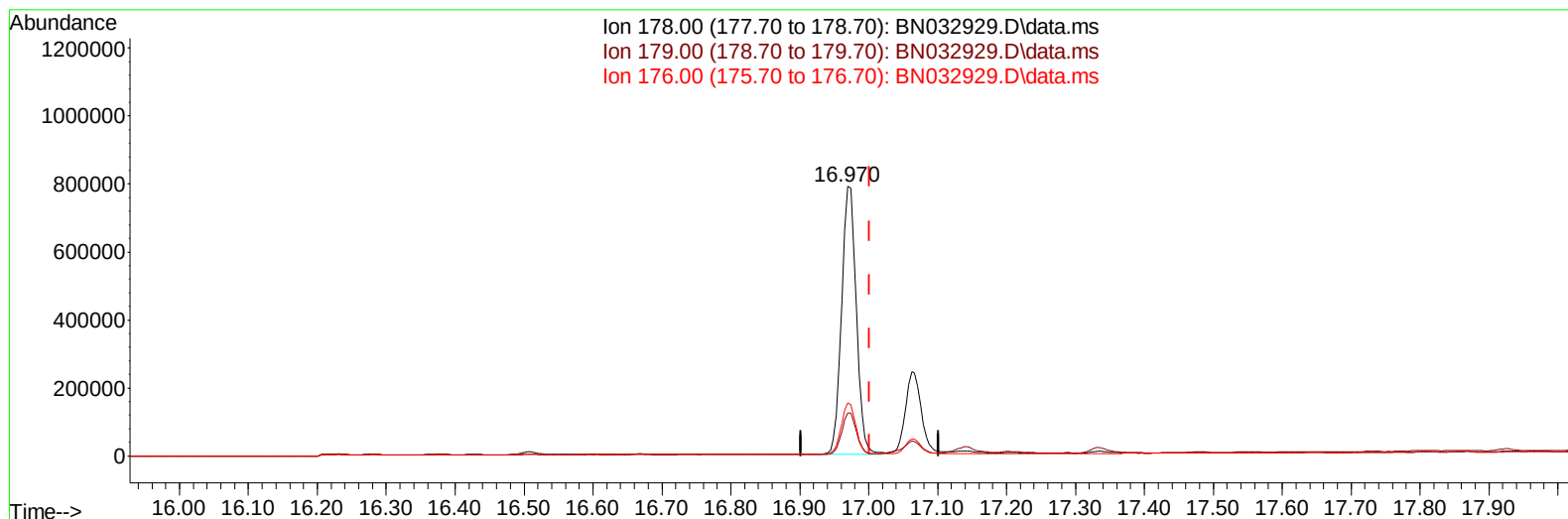
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032929.D
 Acq On : 24 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(15) Phenanthrene

16.970min (-0.032) 17.37 ng/ul m

response 1167685

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.91
176.00	19.50	19.62
0.00	0.00	0.00

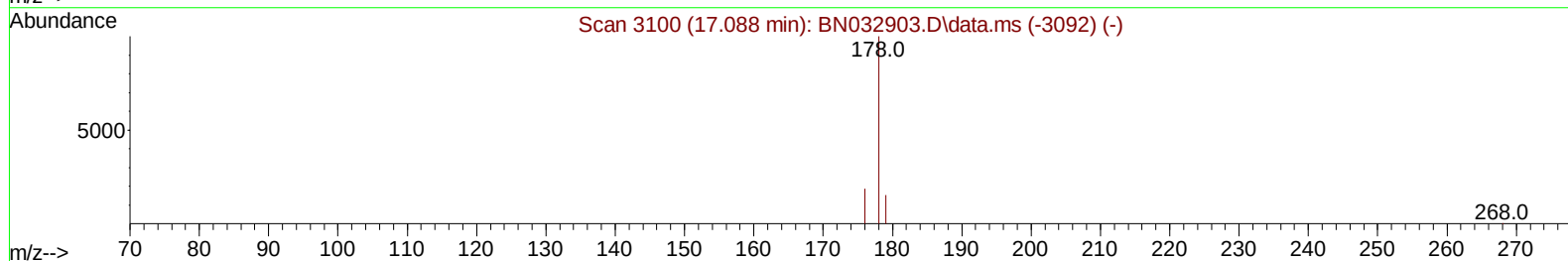
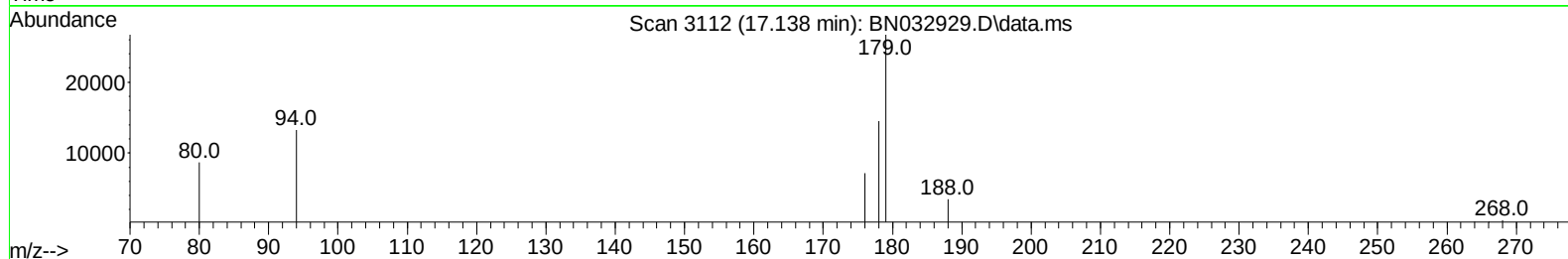
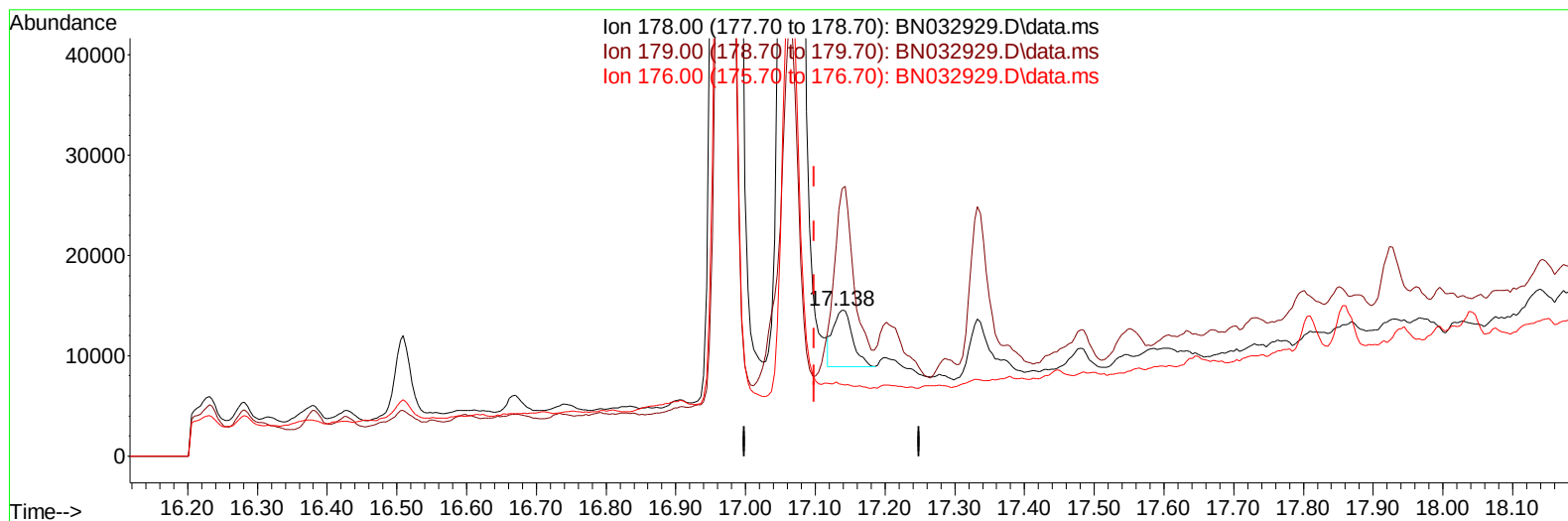
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(16) Anthracene

17.138min (+ 0.040) 0.20 ng/ul

response 11012

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	183.50#
176.00	19.20	48.98#
0.00	0.00	0.00

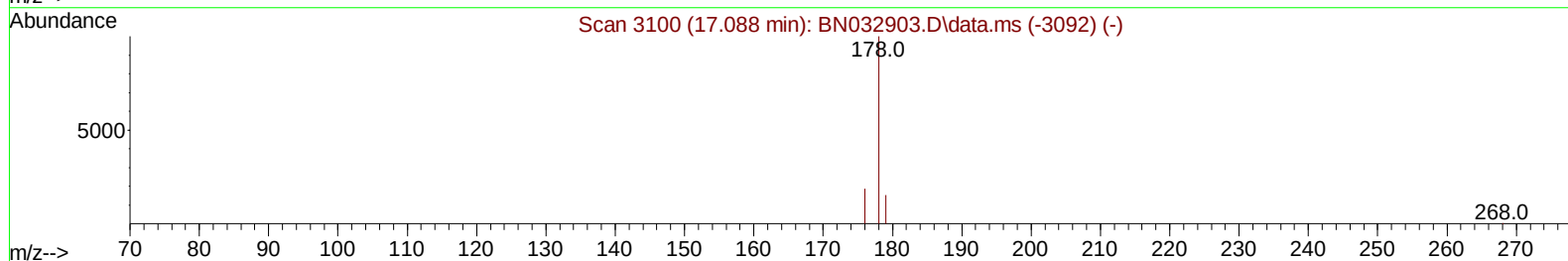
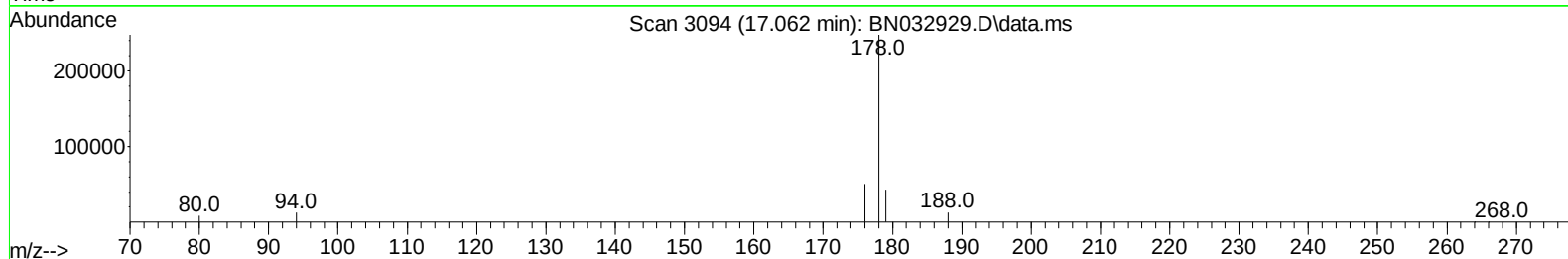
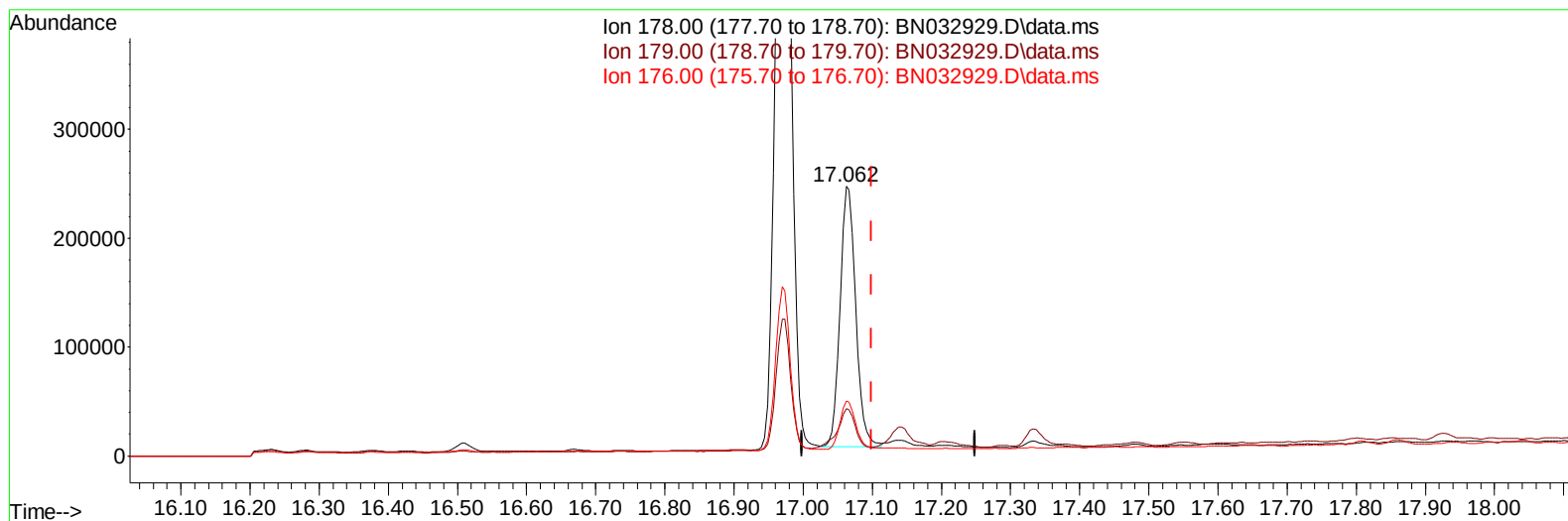
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(16) Anthracene

17.062min (-0.036) 6.84 ng/ul m

response 375693

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.52
176.00	19.20	20.36
0.00	0.00	0.00

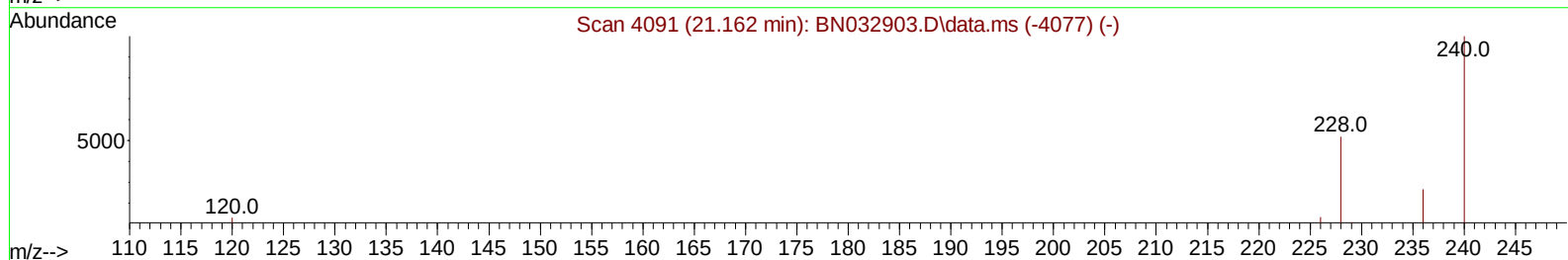
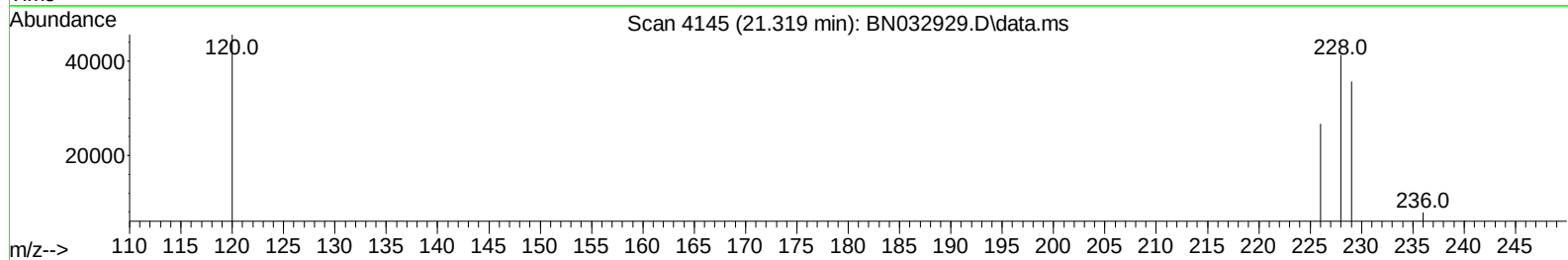
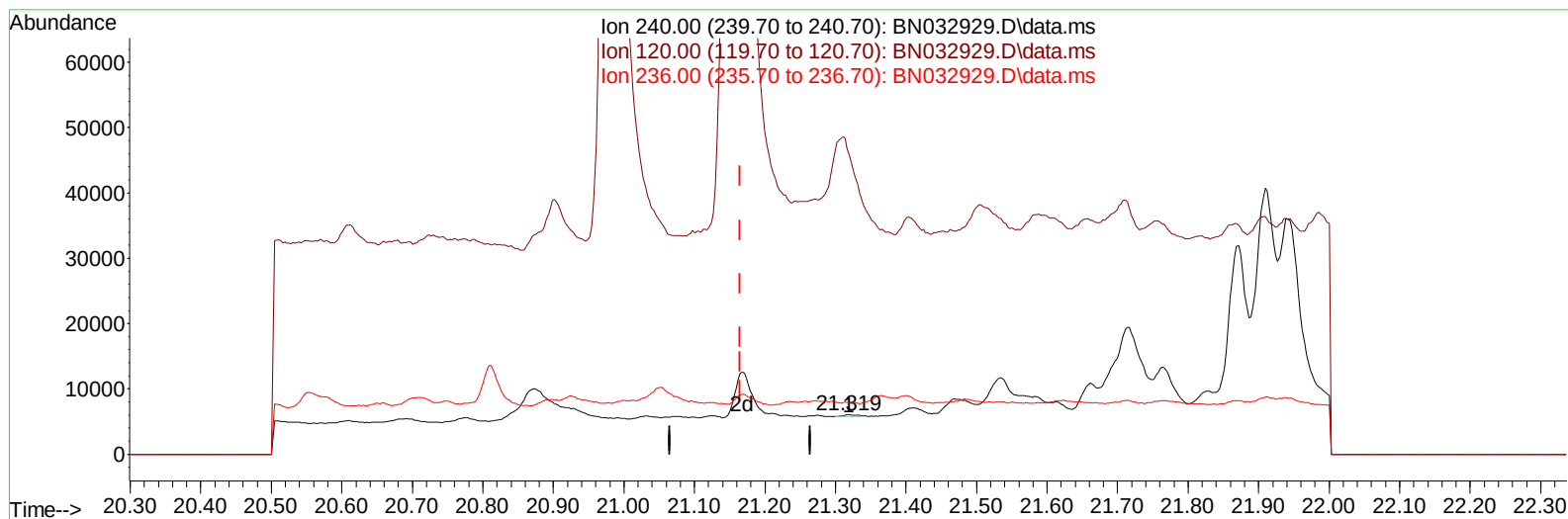
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(17) Chrysene-d12

21.319min (+ 0.155) 0.40 ng/u1

response 455

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	758.42#
236.00	28.40	130.54#
0.00	0.00	0.00

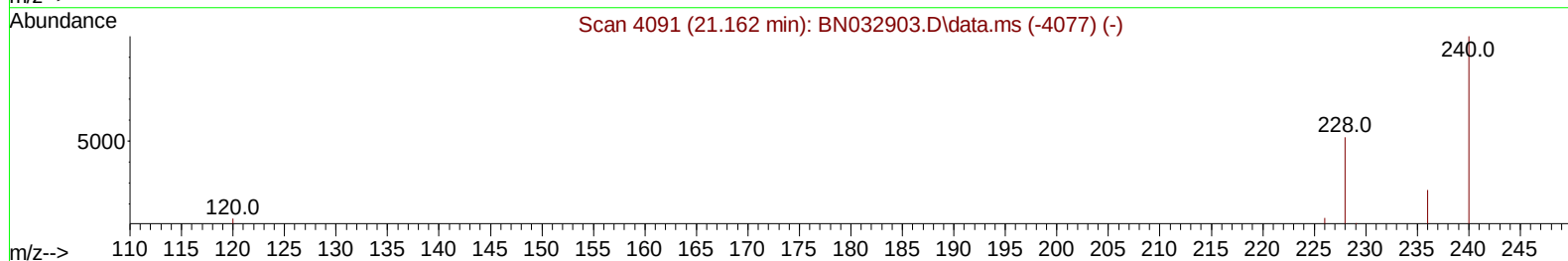
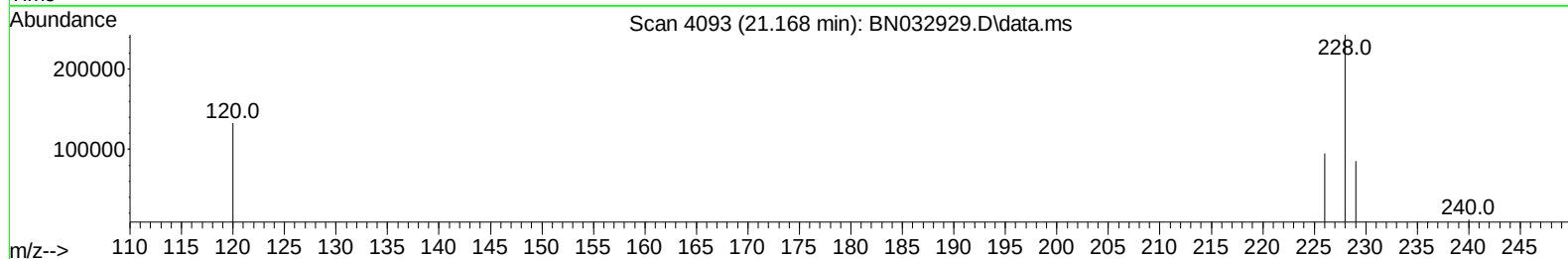
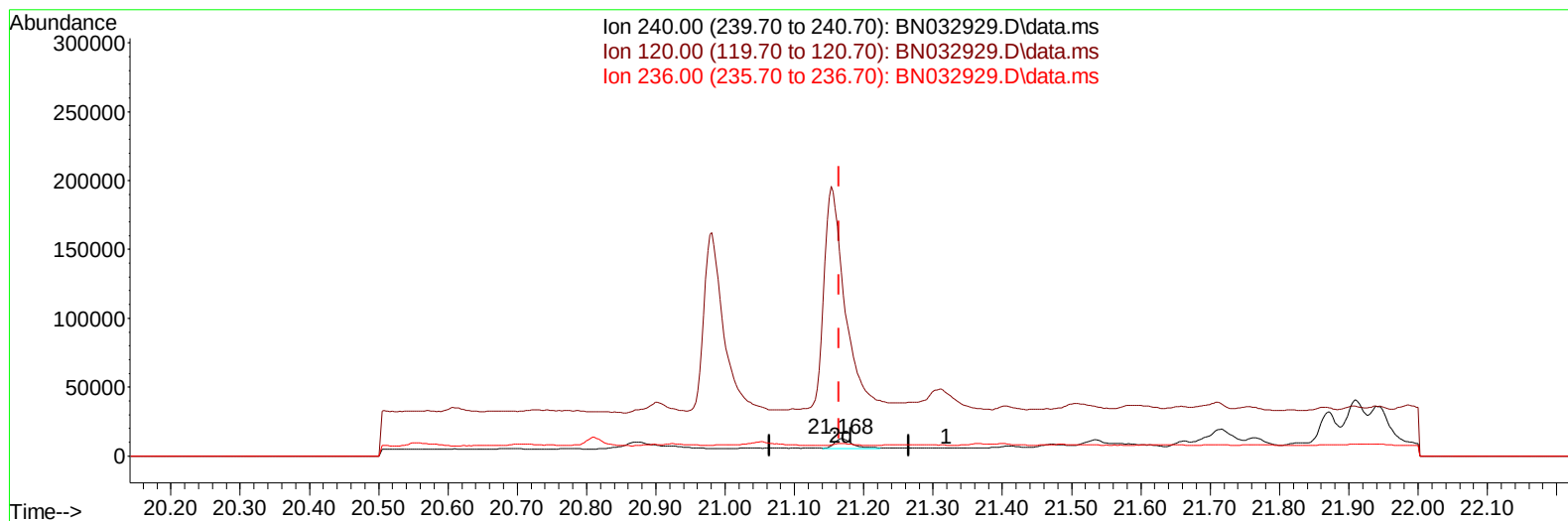
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032929.D\data.ms

(17) Chrysene-d12

21.168min (+ 0.003) 0.40 ng/ul m

response 12602

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	1057.09#
236.00	28.40	72.63#
0.00	0.00	0.00

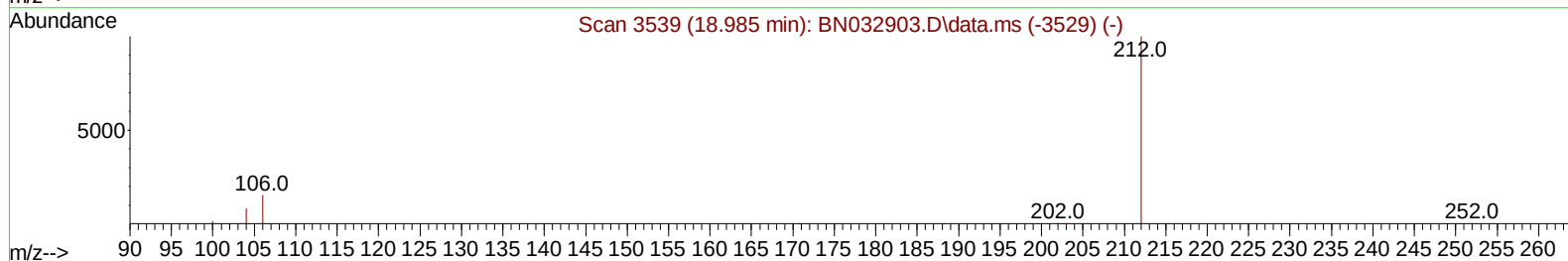
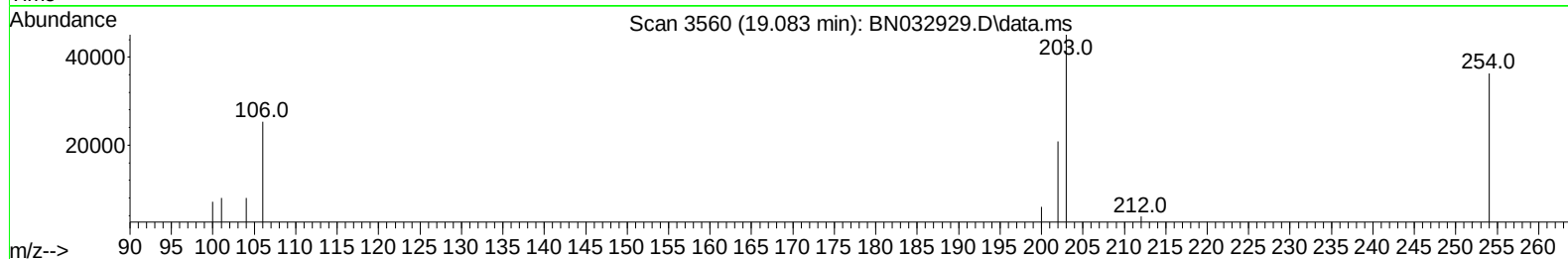
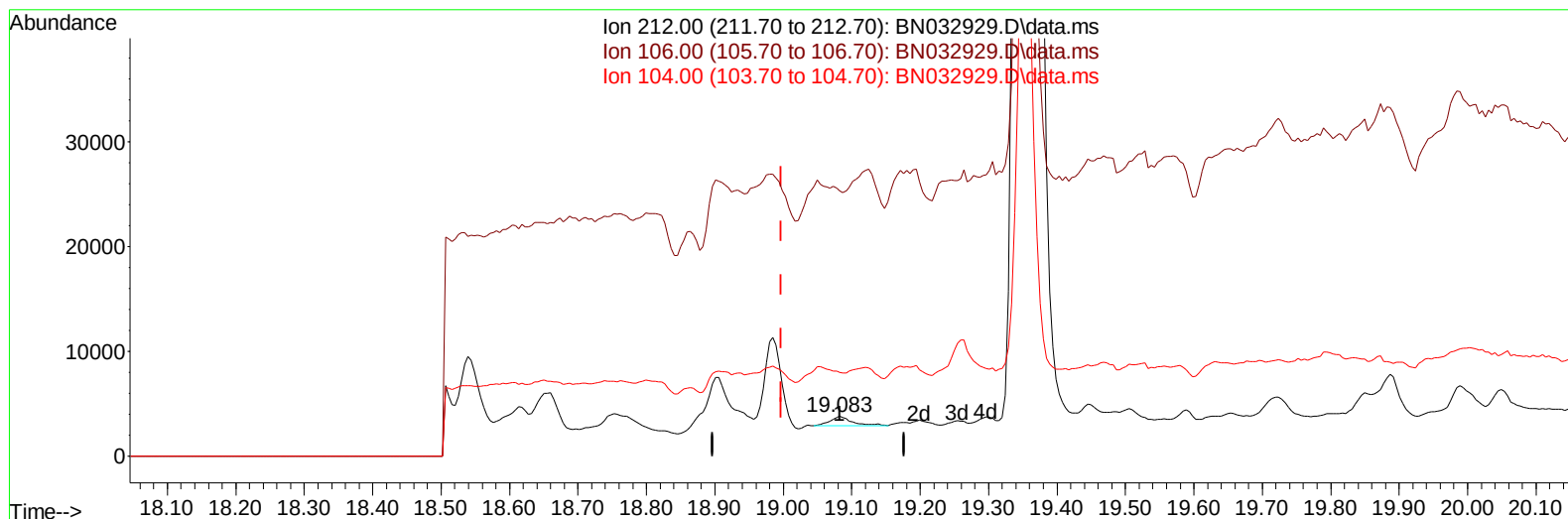
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.083min (+ 0.085) 0.05 ng/u1

response 1912

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

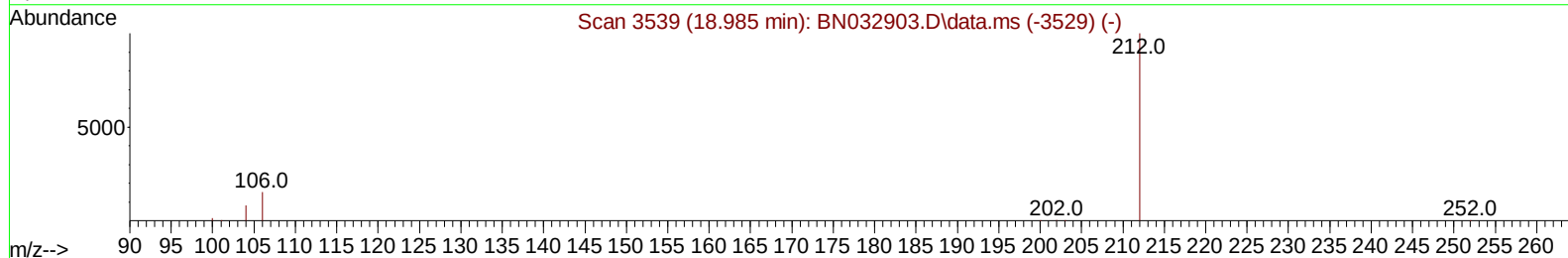
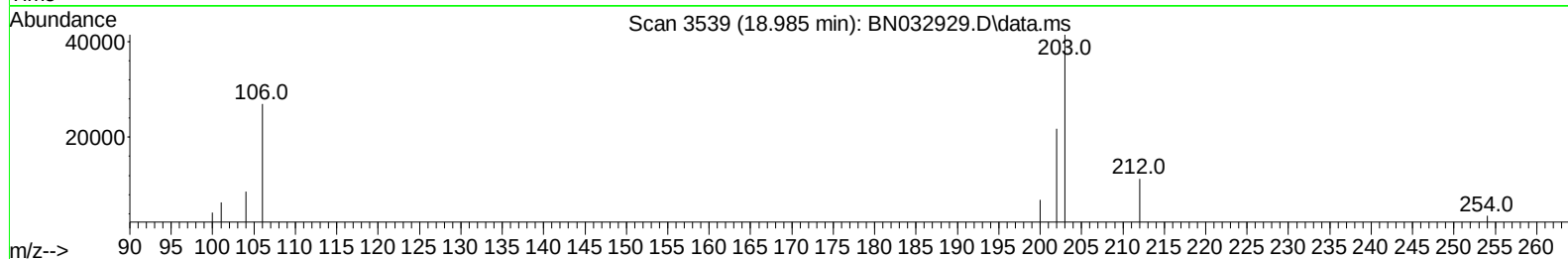
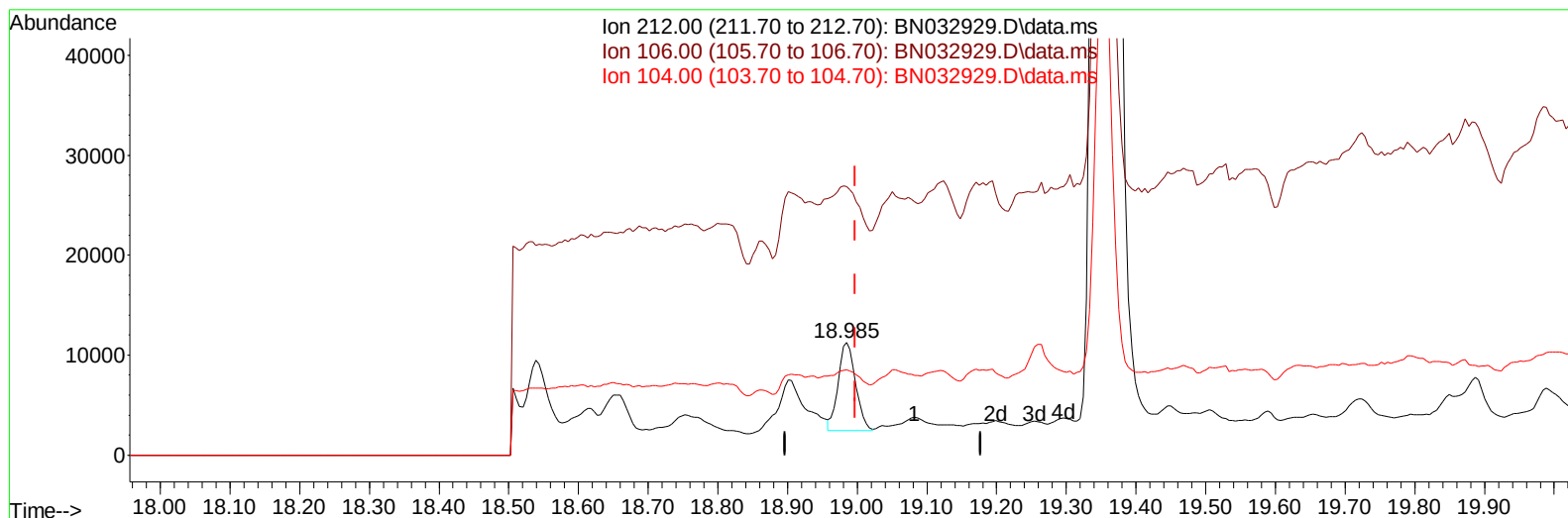
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.985min (-0.012) 0.37 ng/ul m

response 15253

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

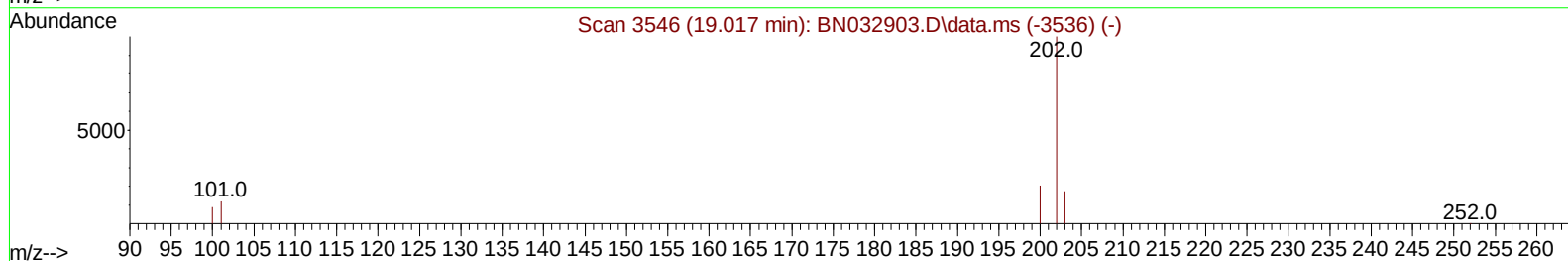
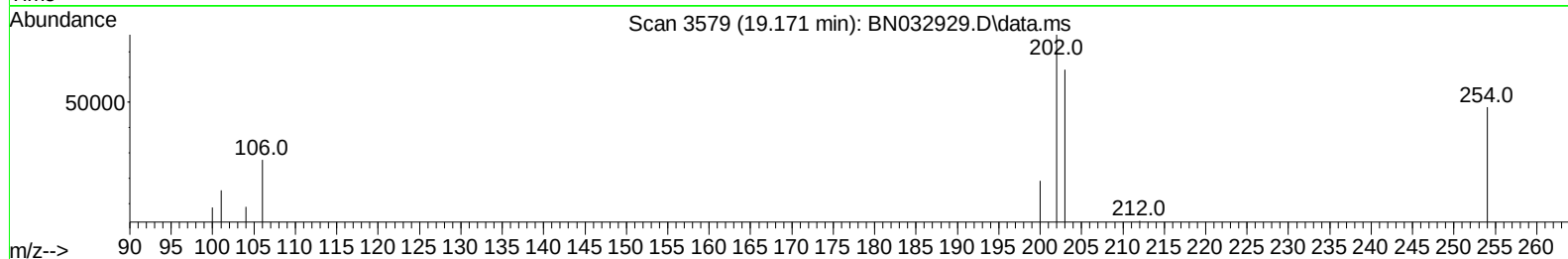
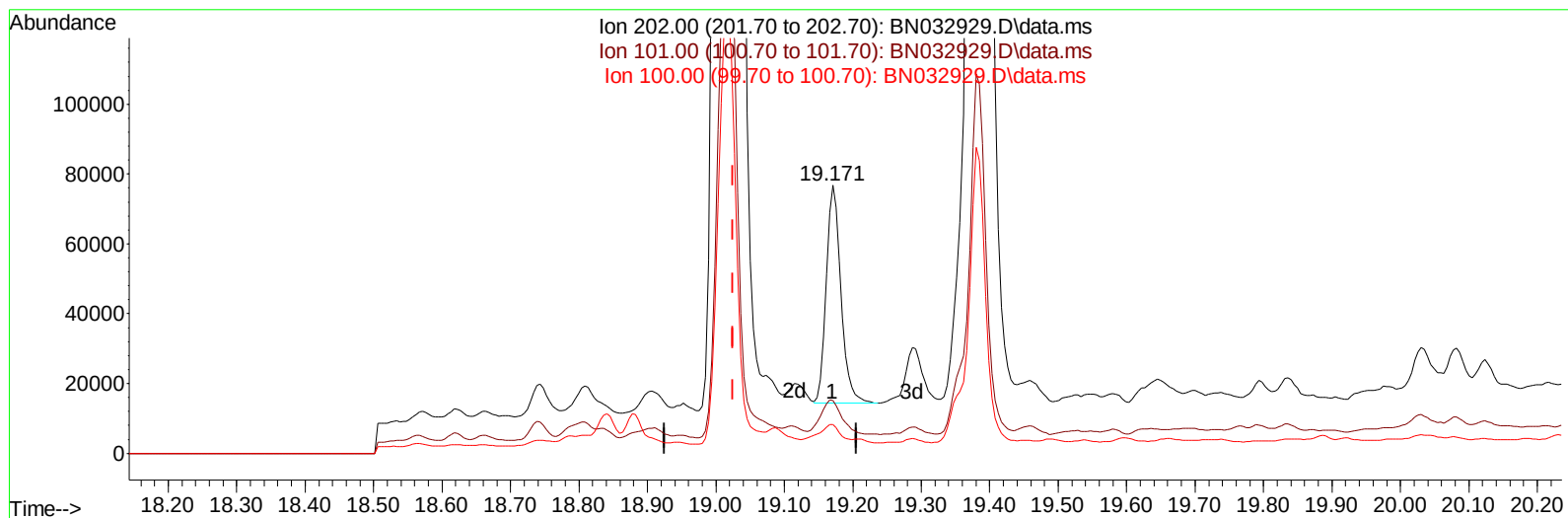
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(19) Fluoranthene (C)

19.171min (+ 0.146) 1.83 ng/uI

response 93914

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	19.72#
100.00	9.90	10.83
0.00	0.00	0.00

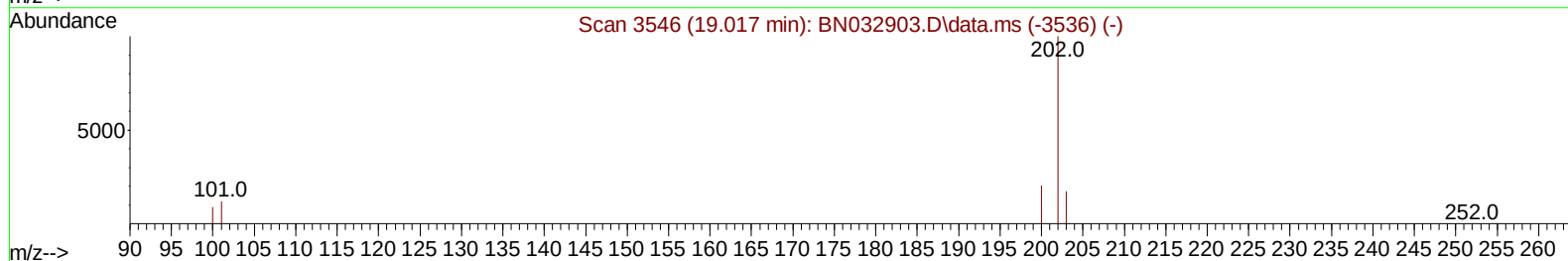
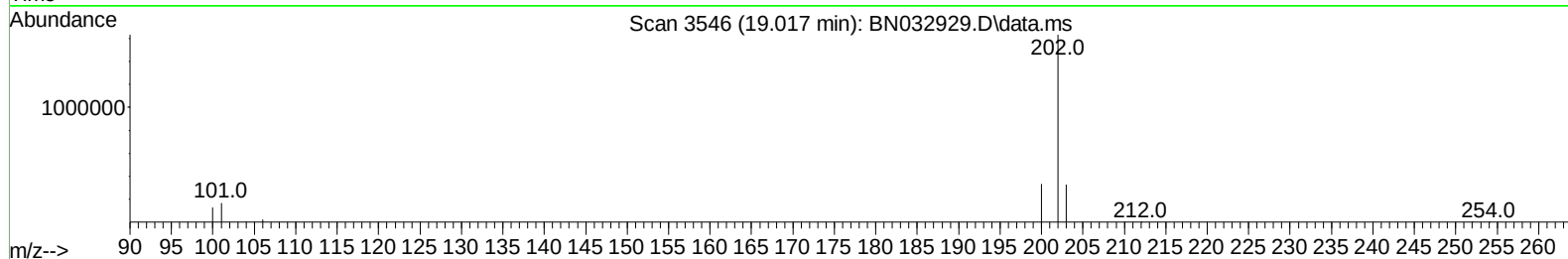
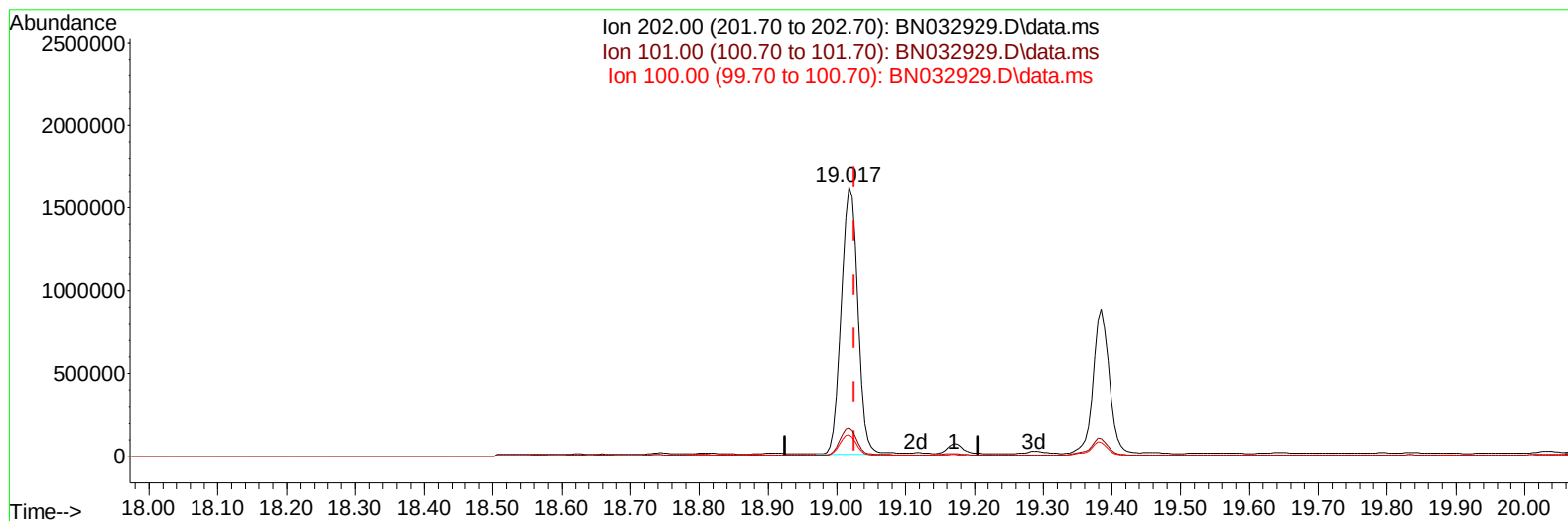
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(19) Fluoranthene (C)

19.017min (-0.008) 53.33 ng/ul m

response 2732391

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	10.47
100.00	9.90	7.87#
0.00	0.00	0.00

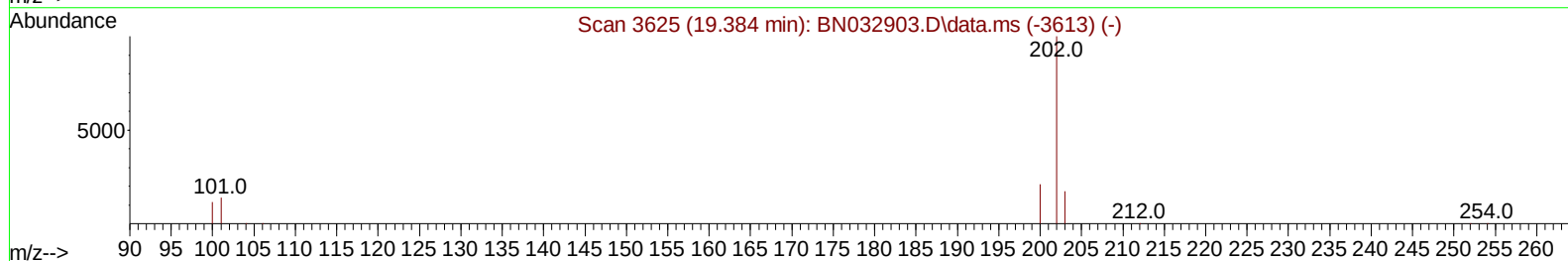
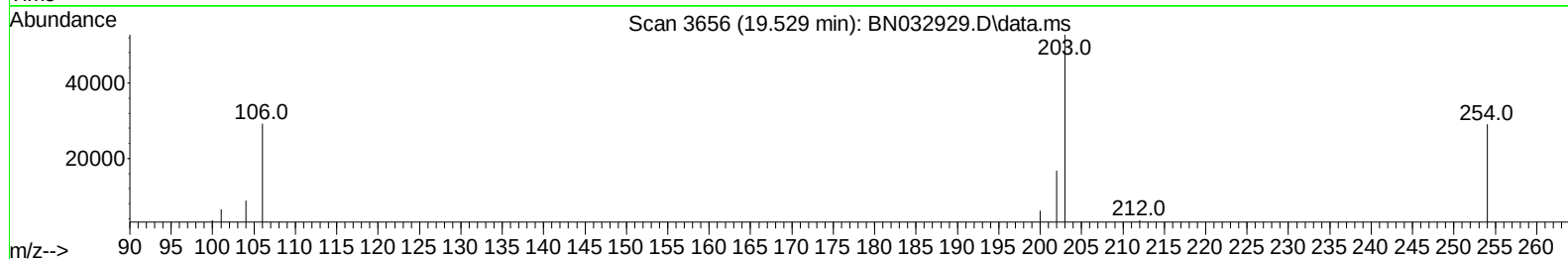
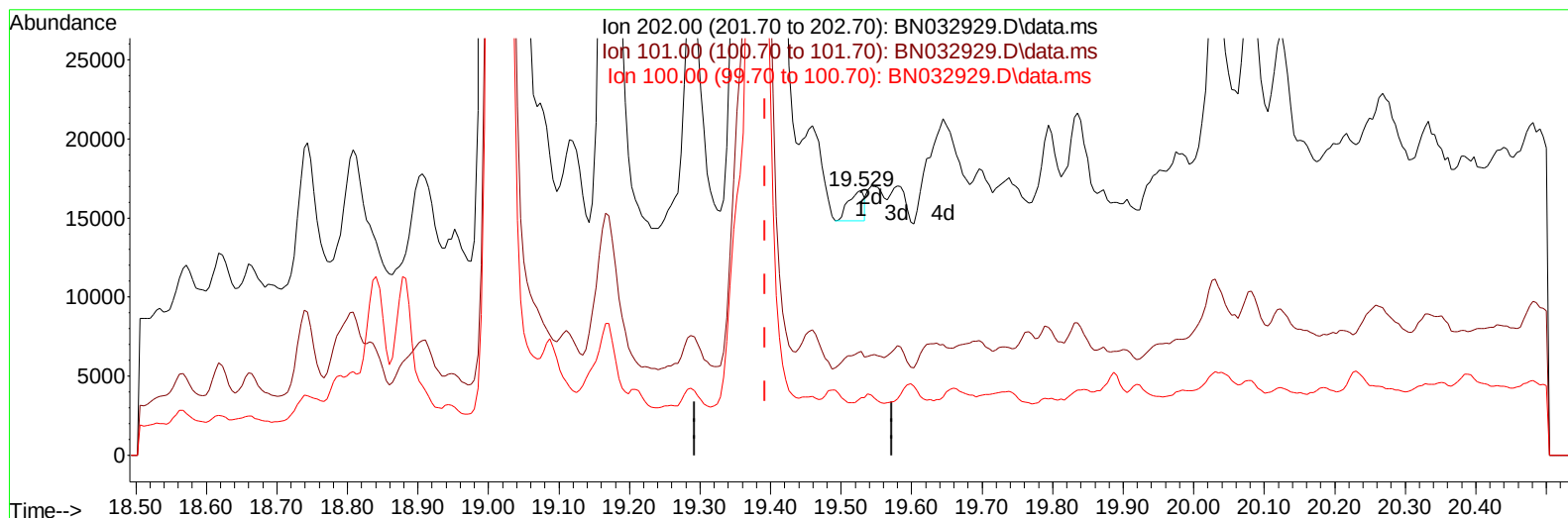
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(20) Pyrene

19.529min (+ 0.136) 0.06 ng/ul

response 2948

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	39.09#
100.00	12.00	21.67#
0.00	0.00	0.00

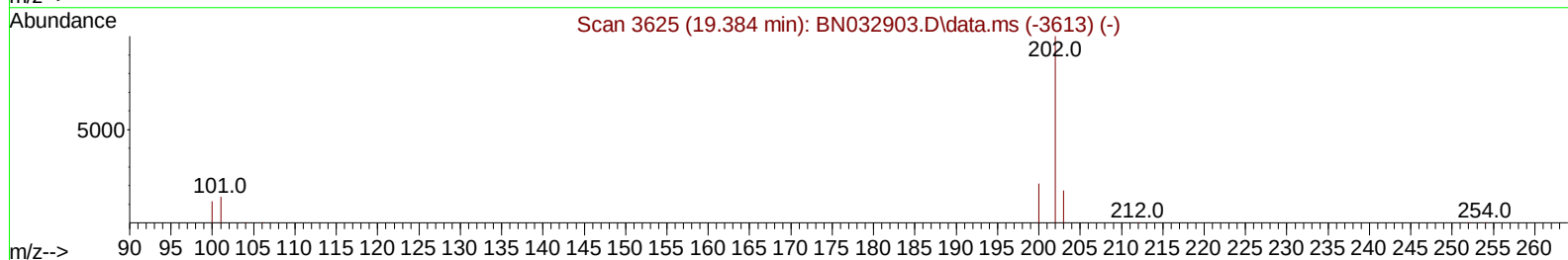
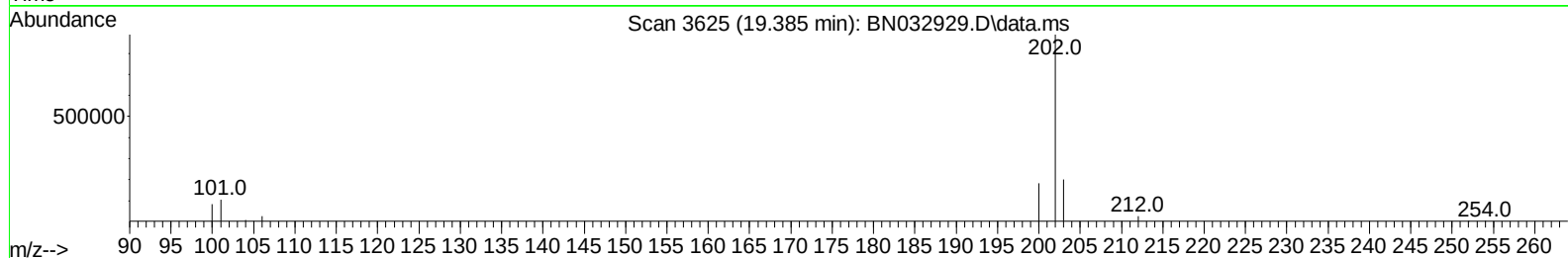
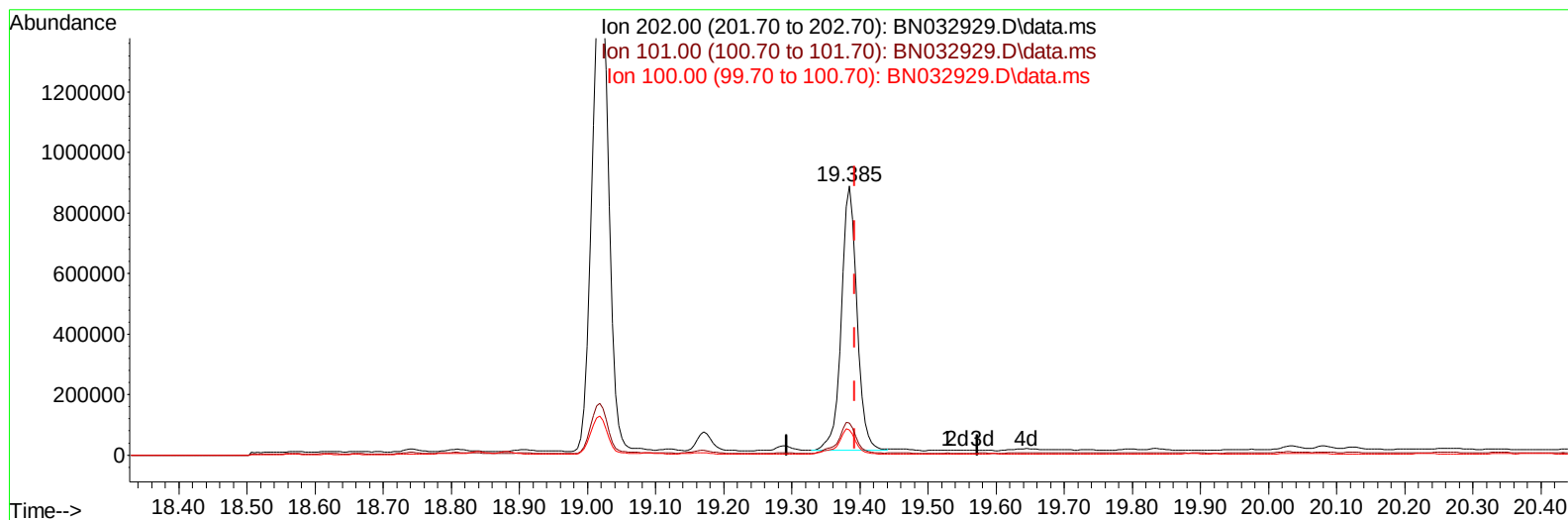
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(20) Pyrene

19.385min (-0.008) 26.33 ng/ul m

response 1396289

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	11.90
100.00	12.00	9.44#
0.00	0.00	0.00

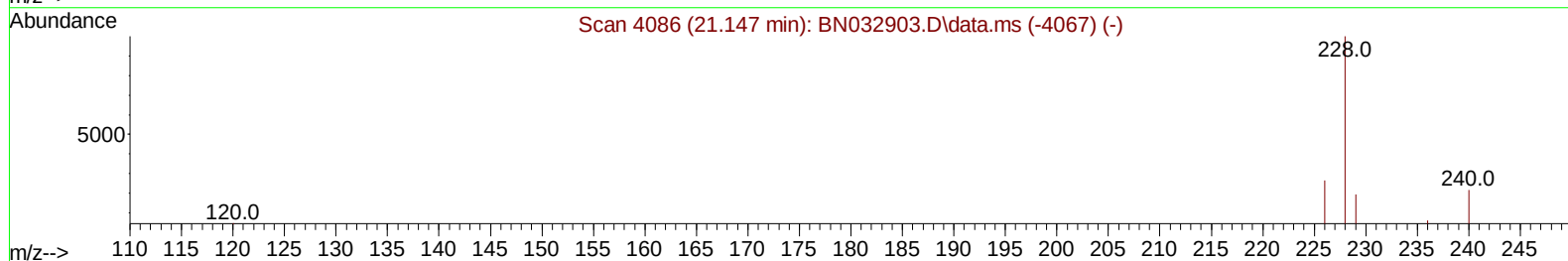
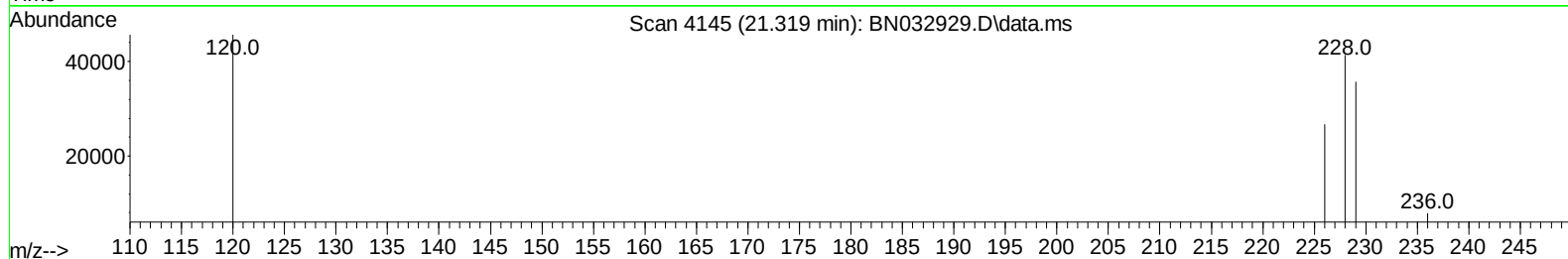
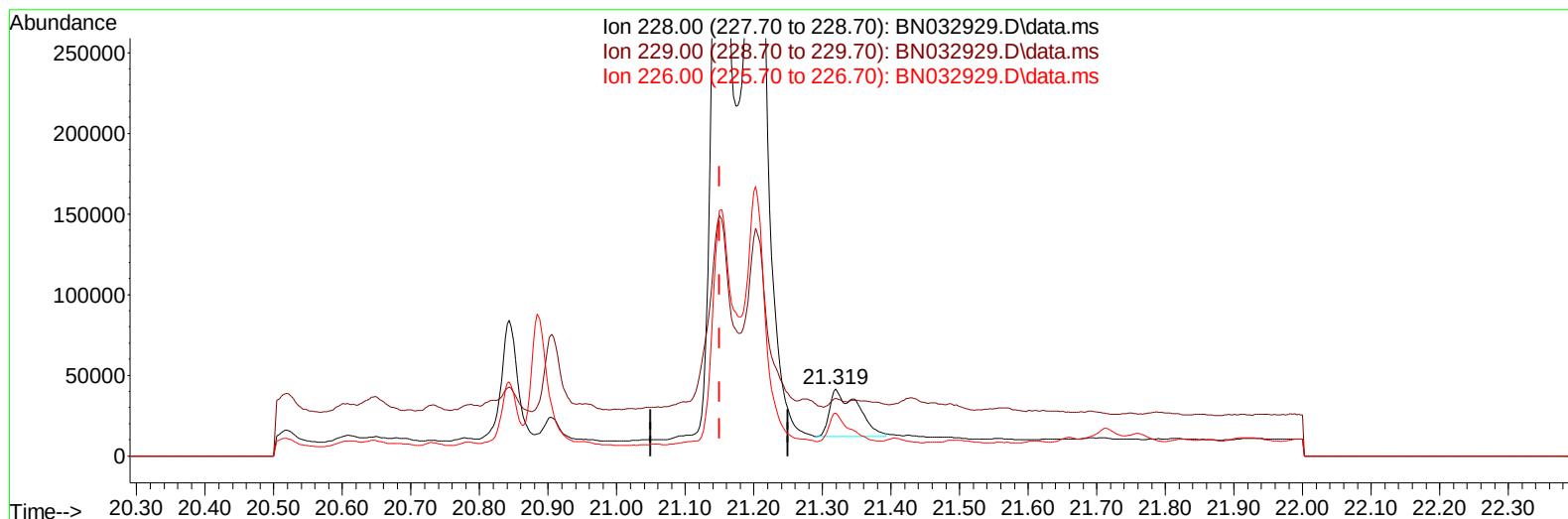
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(21) Benzo(a)anthracene

21.319min (+ 0.169) 2.09 ng/uI

response 83833

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	86.18#
226.00	27.40	64.43#
0.00	0.00	0.00

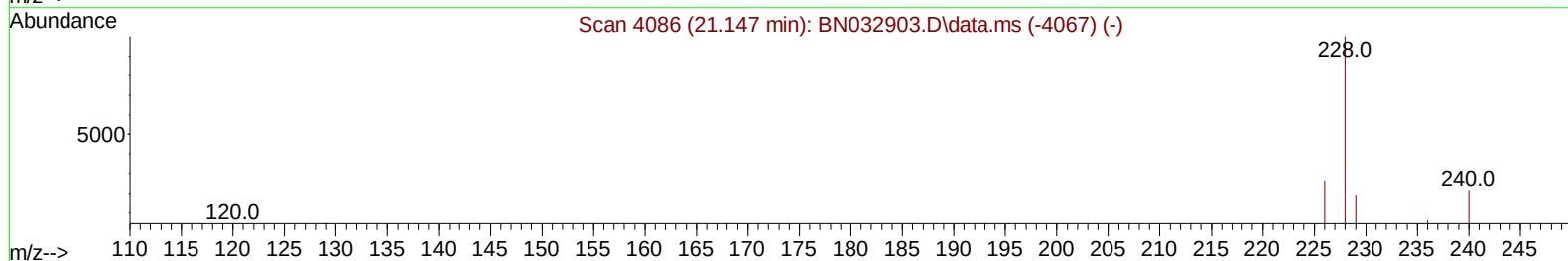
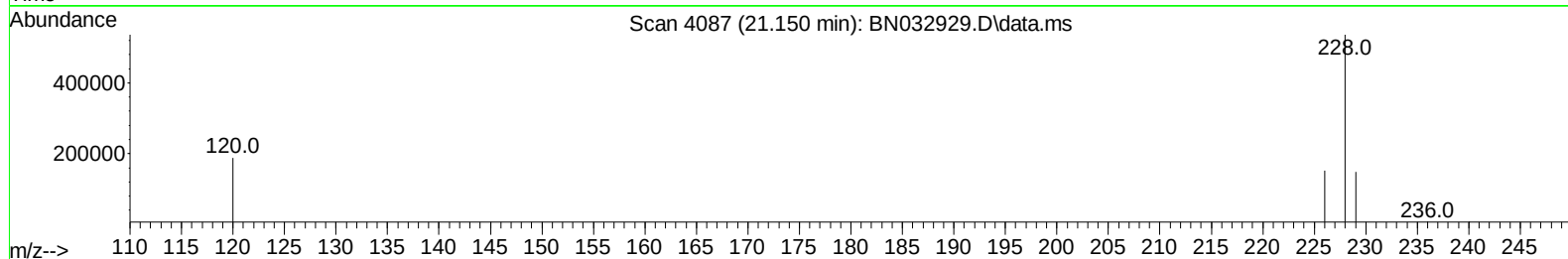
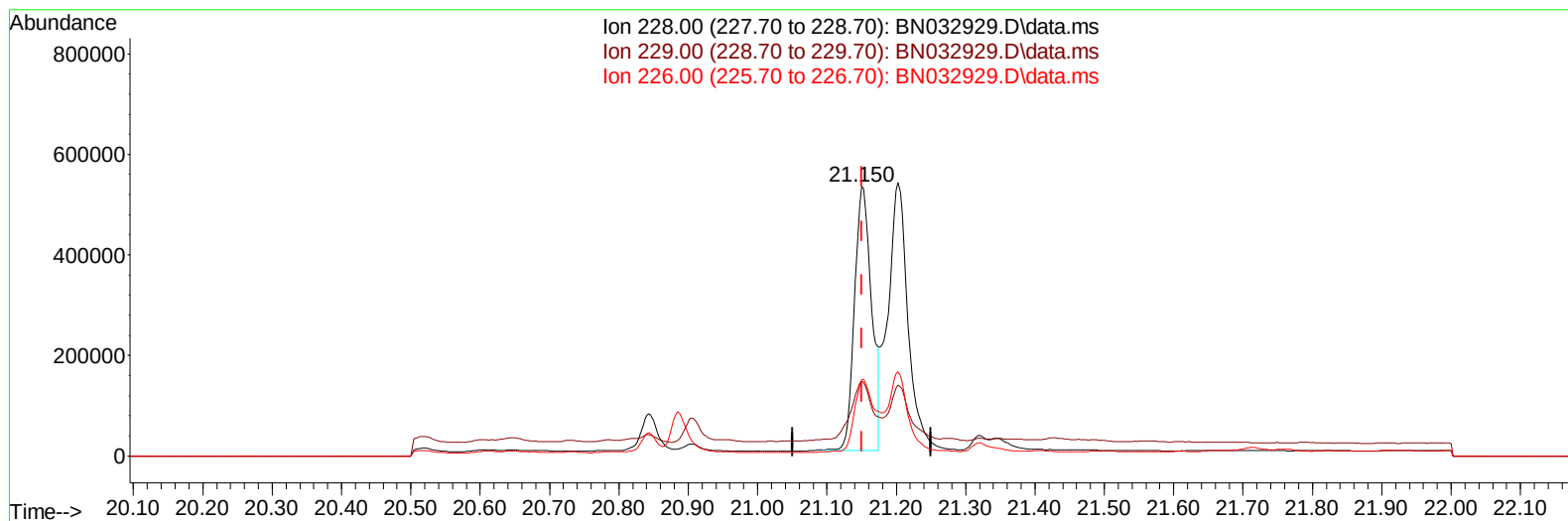
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032929.D
 Acq On : 24 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(21) Benzo(a)anthracene

21.150min (-0.000) 22.30 ng/ul m

response 894425

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	27.80#
226.00	27.40	28.41
0.00	0.00	0.00

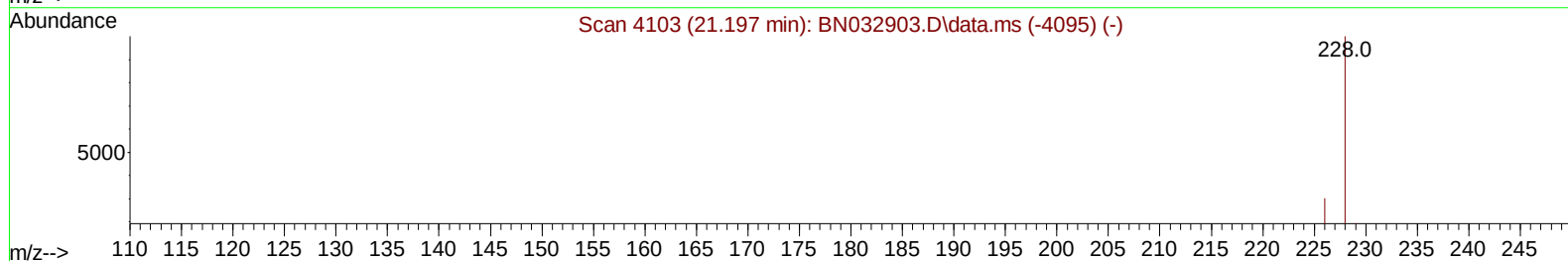
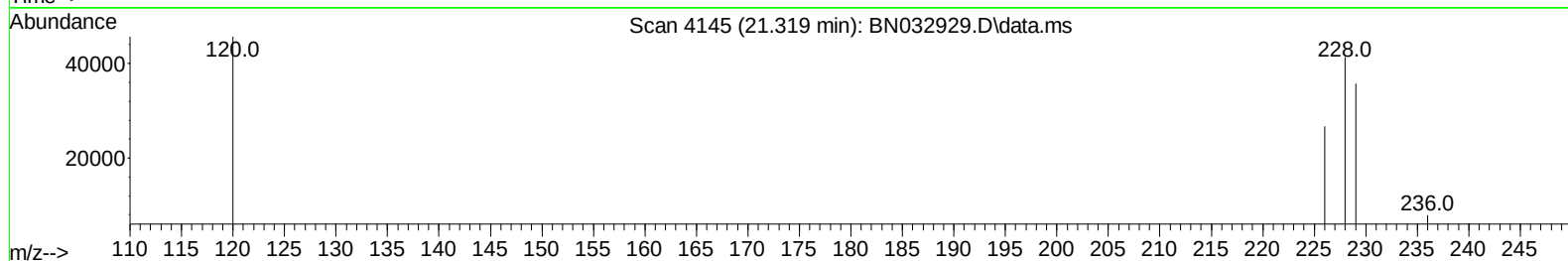
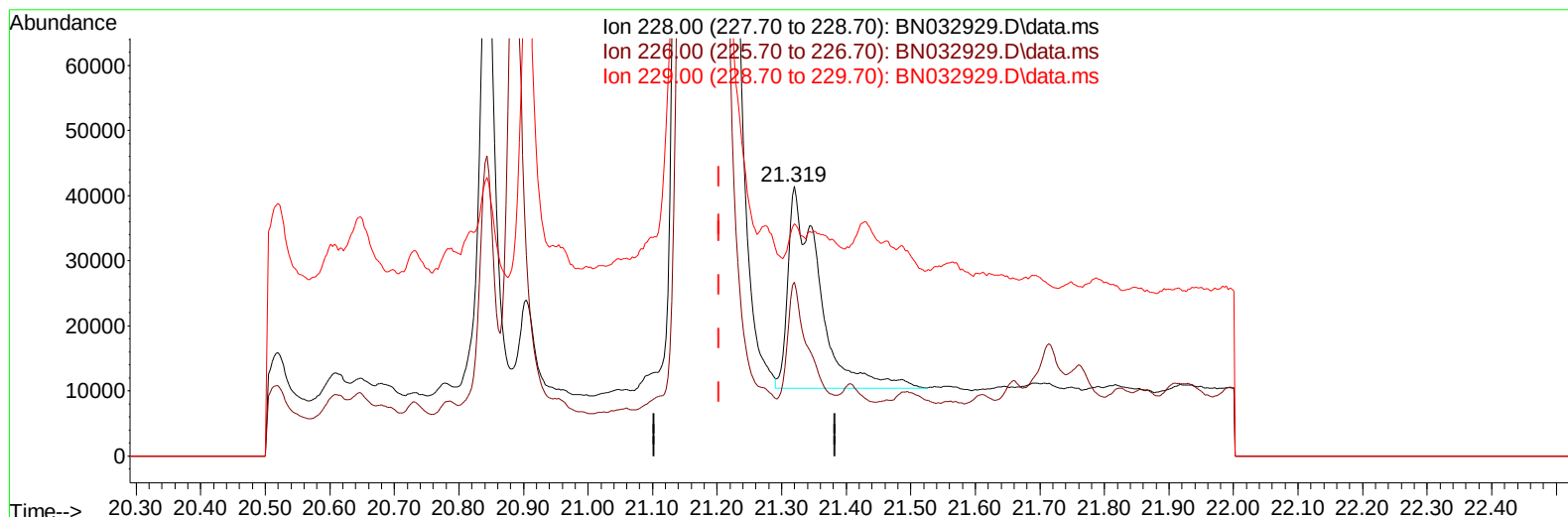
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(22) Chrysene

21.319min (+ 0.117) 1.79 ng/u1

response 103891

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.43#
229.00	19.70	86.18#
0.00	0.00	0.00

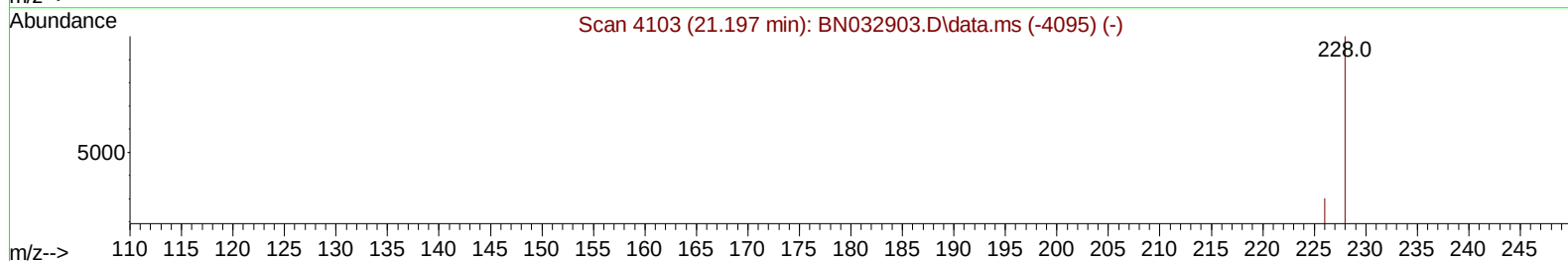
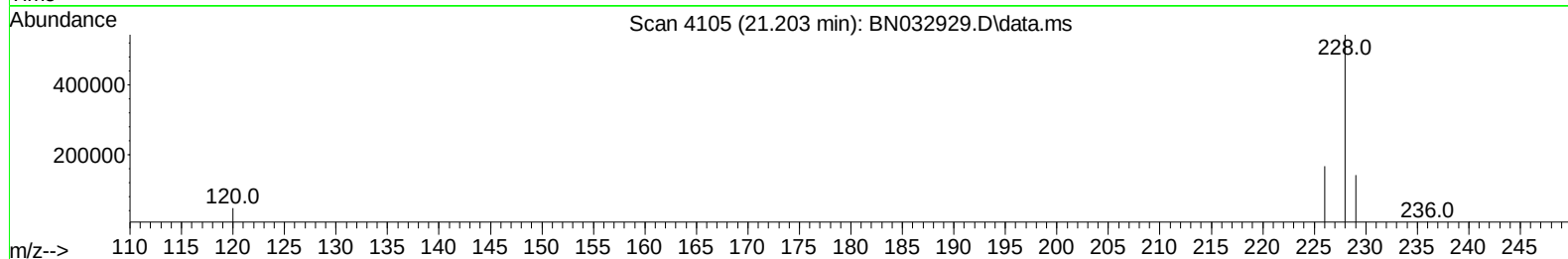
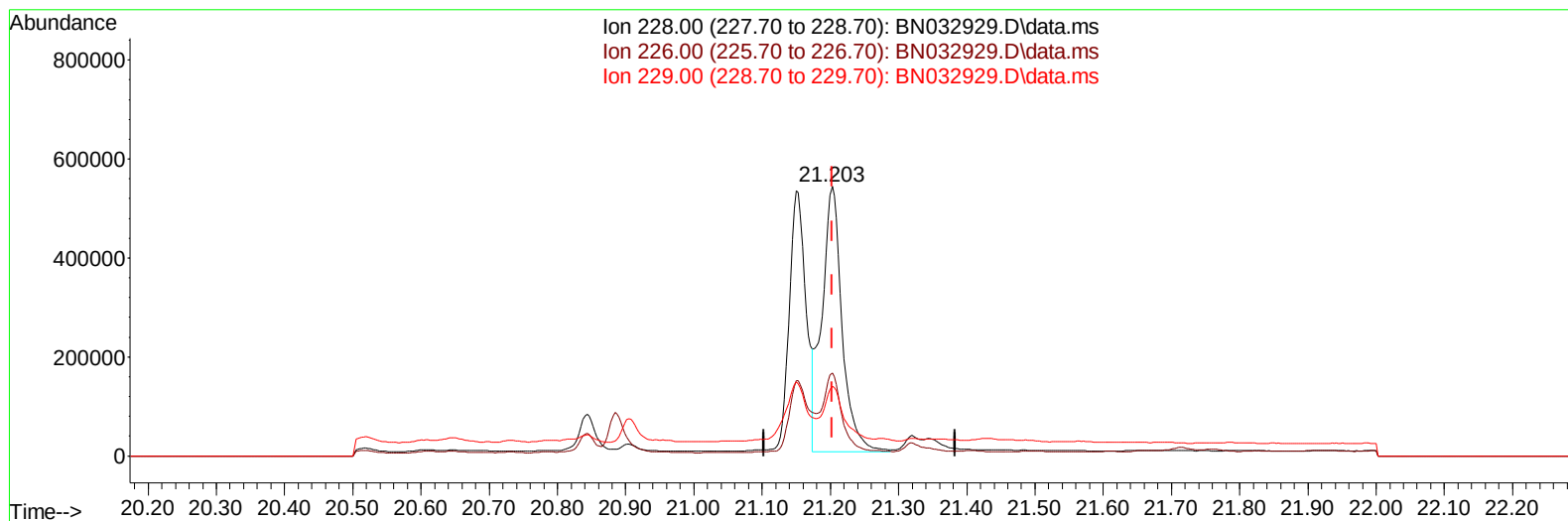
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032929.D\data.ms

(22) Chrysene

21.203min (-0.000) 19.11 ng/ul m

response 1109100

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.68
229.00	19.70	25.92#
0.00	0.00	0.00

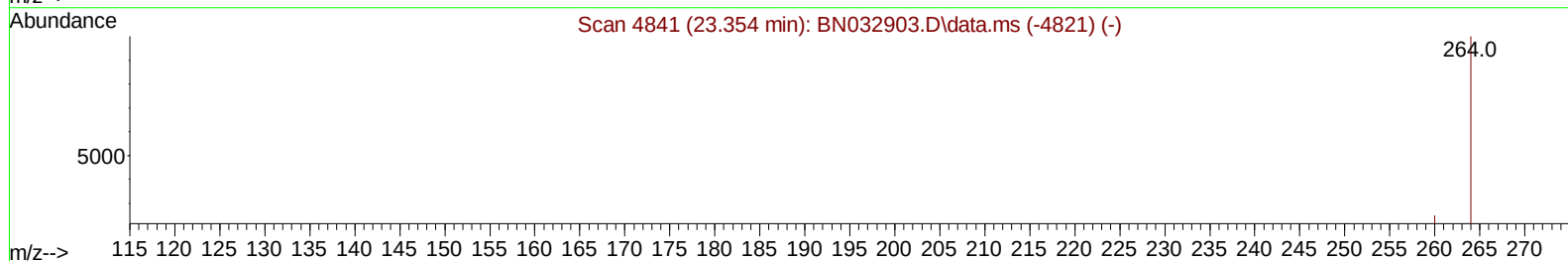
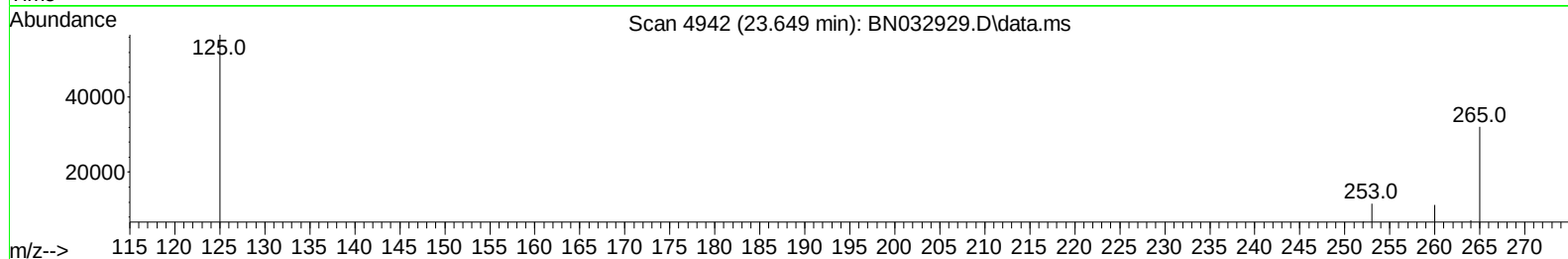
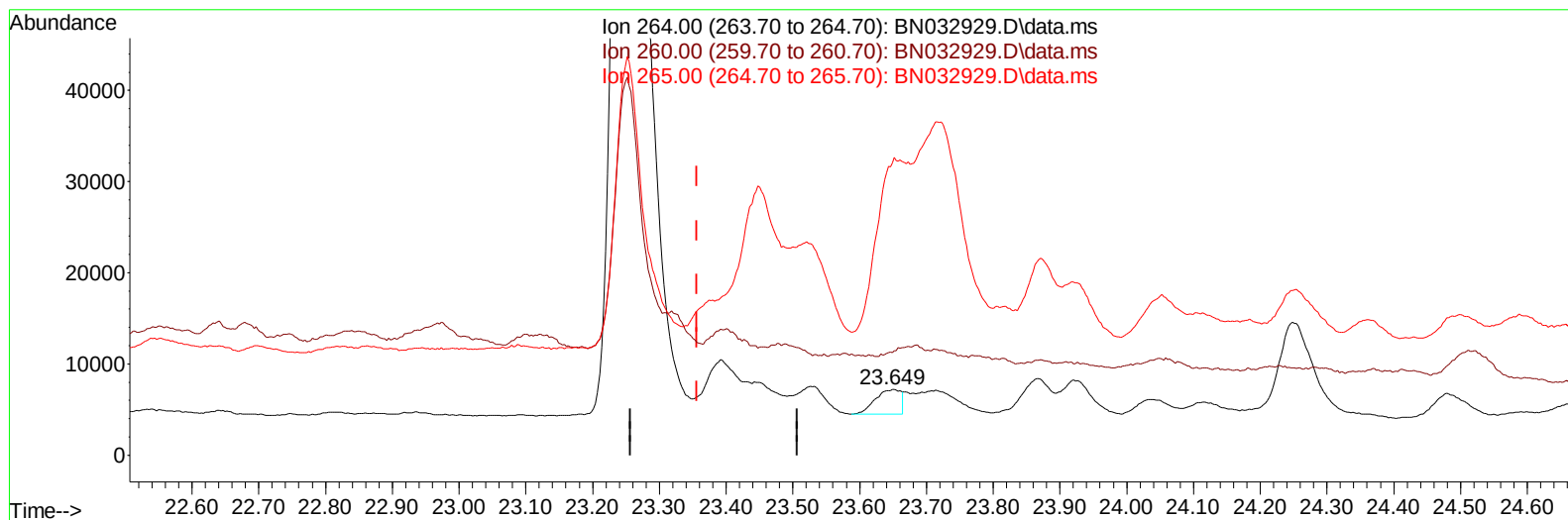
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(23) Perylene-d12 (I)

23.649min (+ 0.292) 0.40 ng/u1

response 7294

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	156.09#
265.00	95.50	444.86#
0.00	0.00	0.00

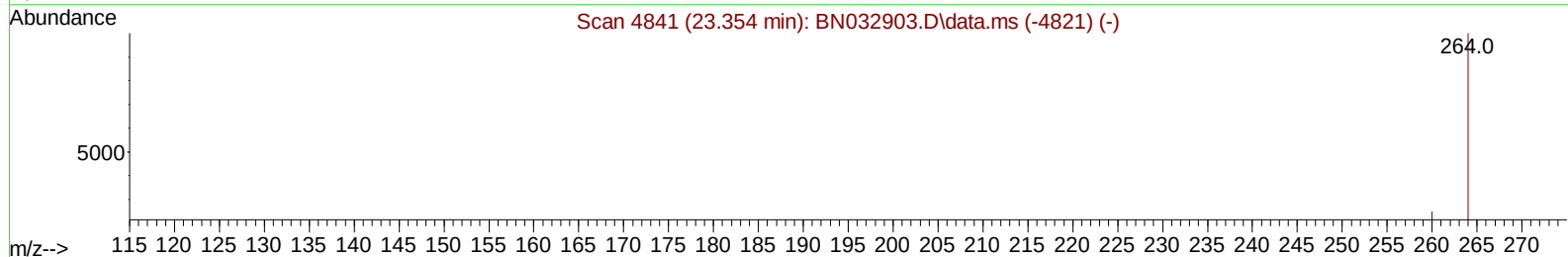
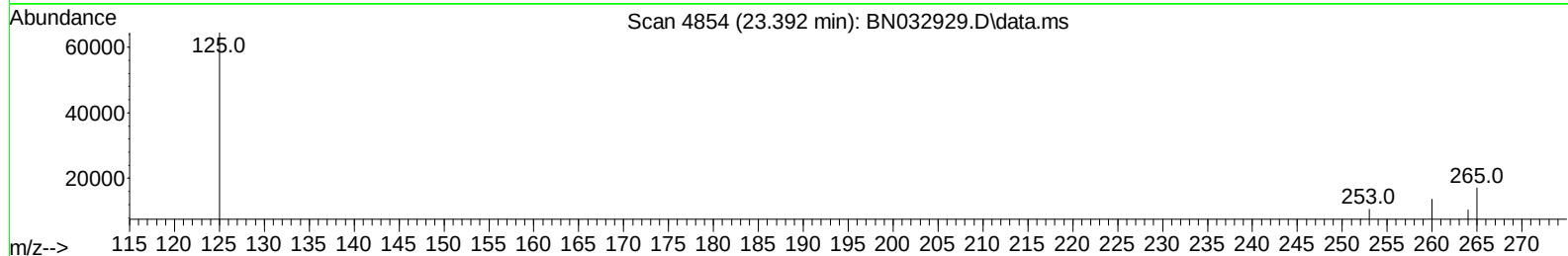
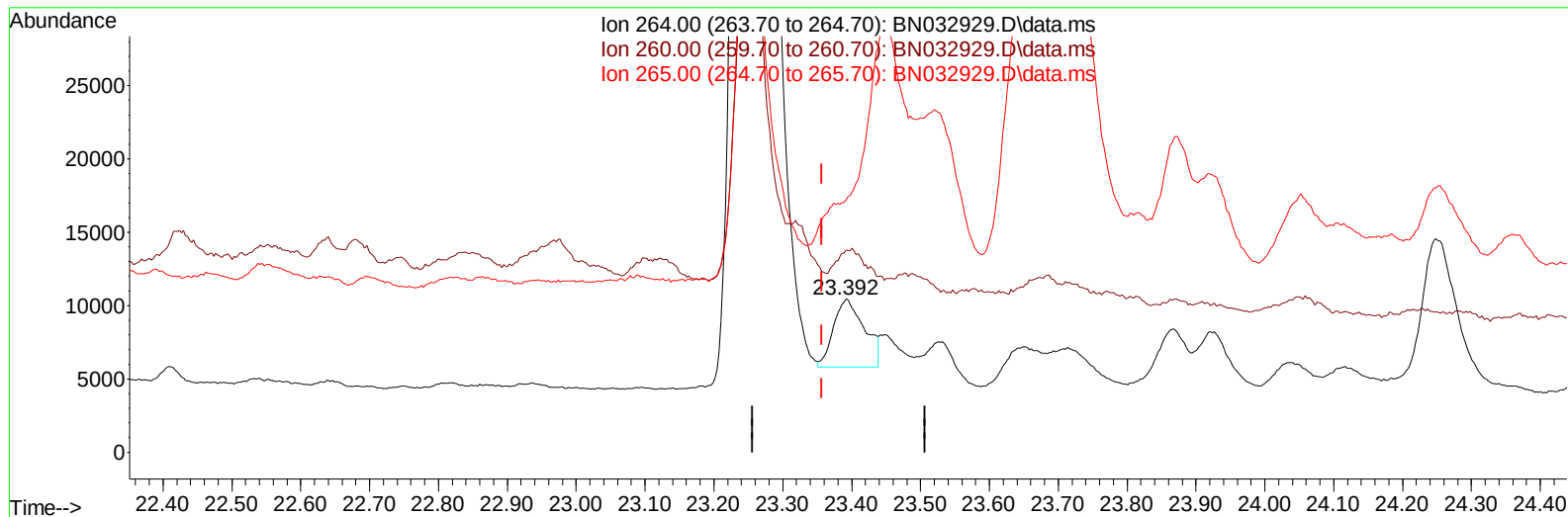
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(23) Perylene-d12 (I)

23.392min (+ 0.035) 0.40 ng/ul m

response 14545

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	131.74#
265.00	95.50	164.76#
0.00	0.00	0.00

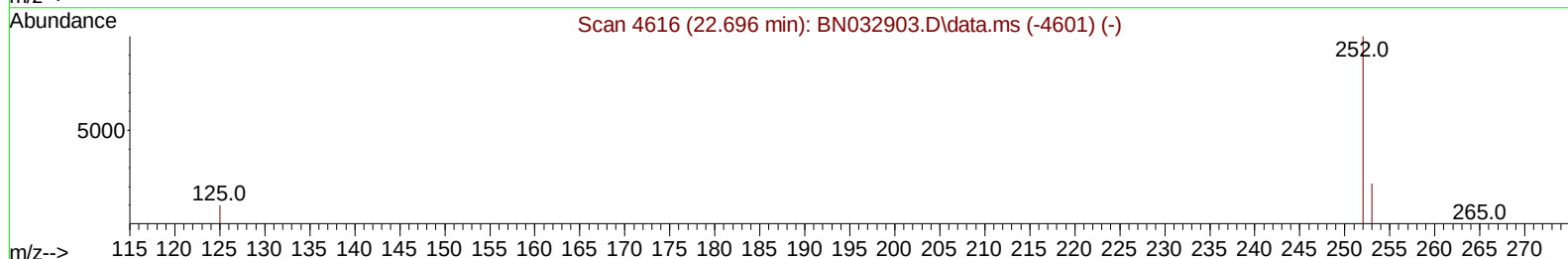
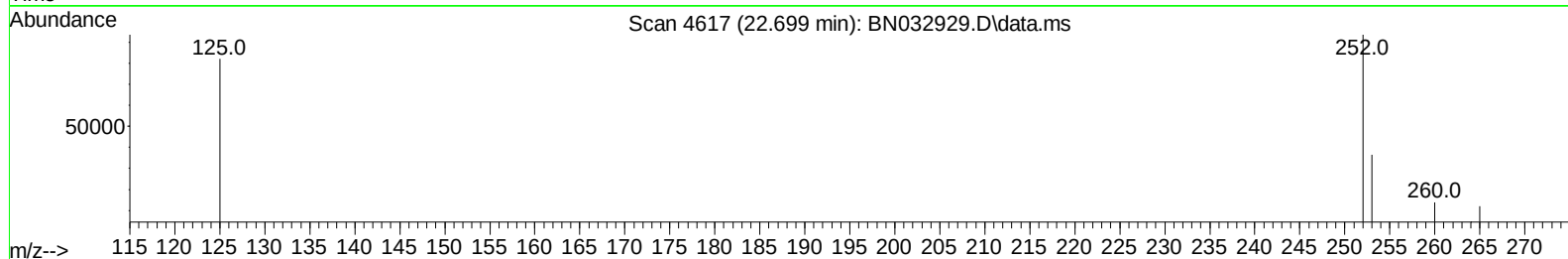
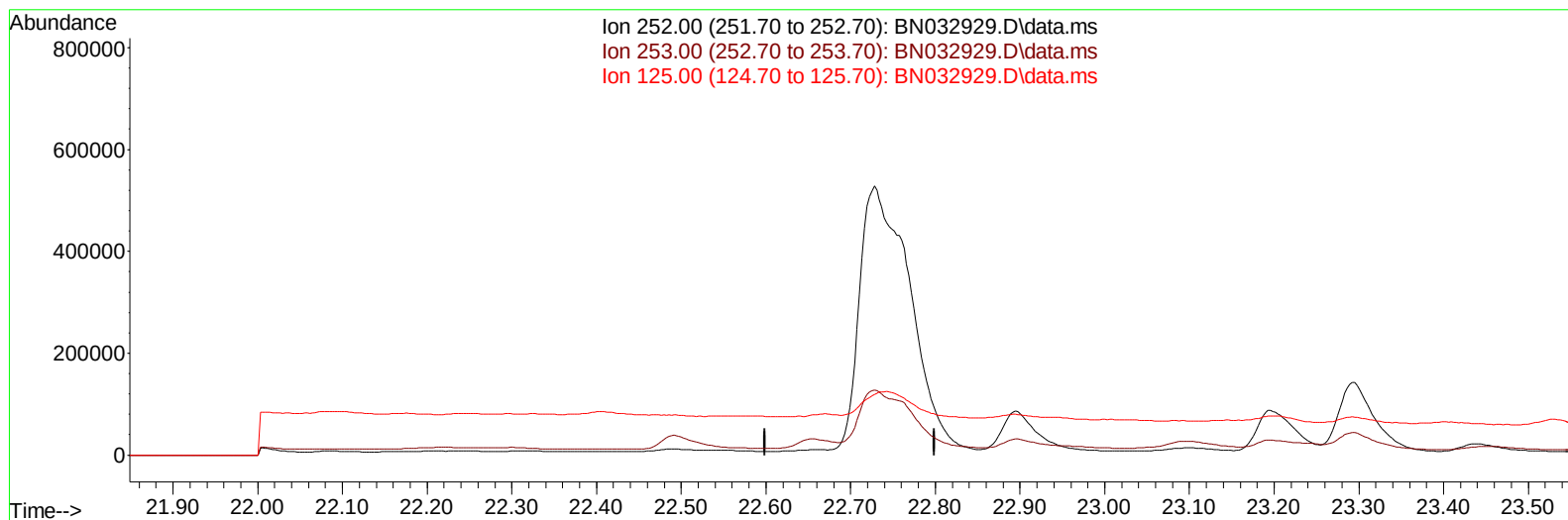
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-22.699) 0.00 ng/u1

response 0

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

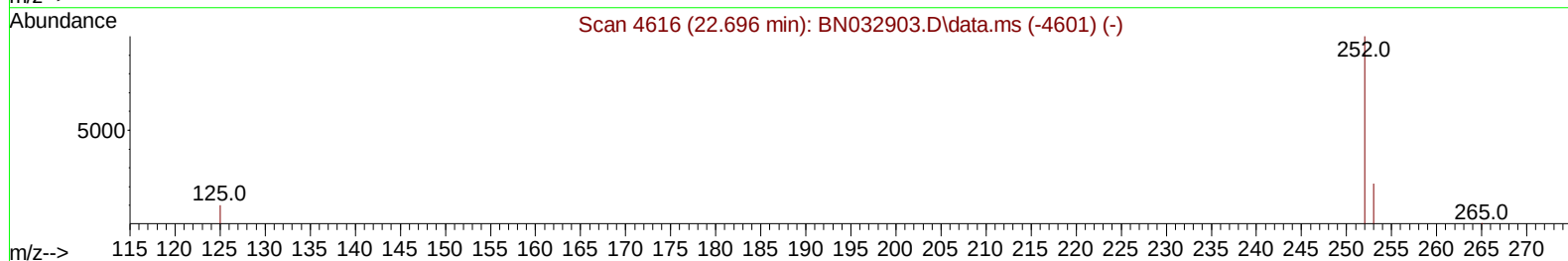
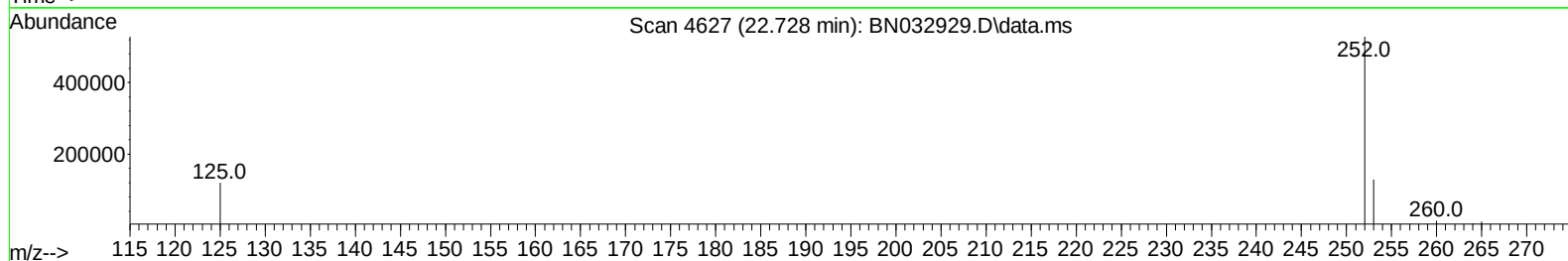
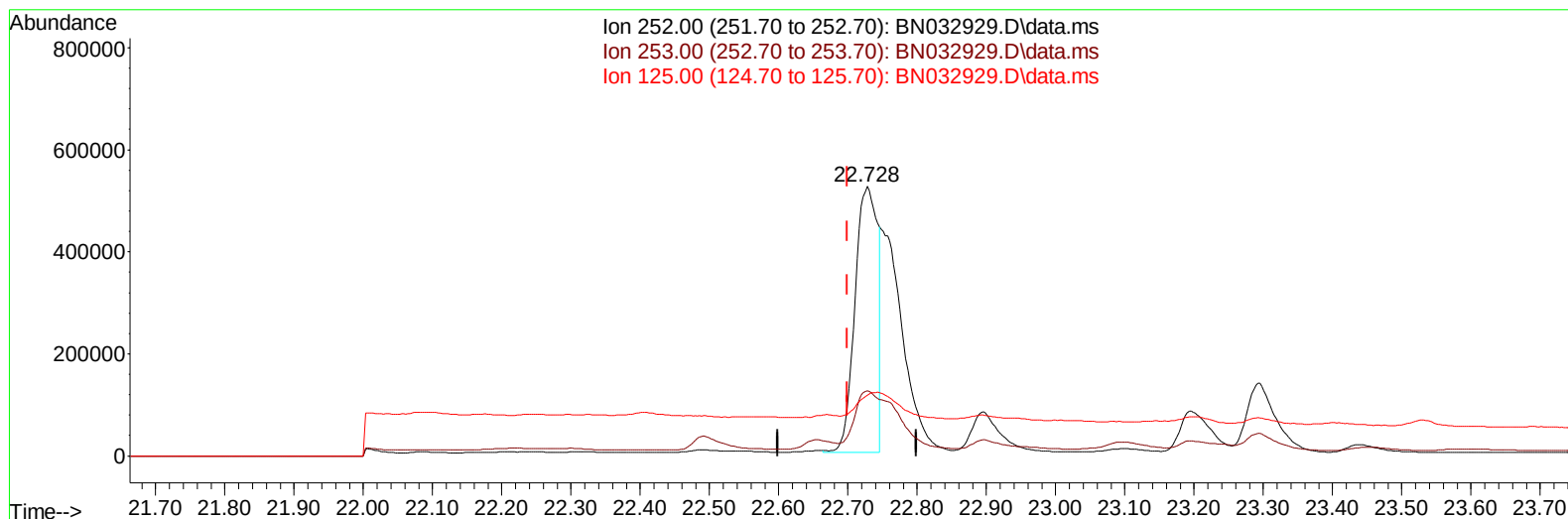
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(24) Benzo(b)fluoranthene

22.728min (+ 0.029) 23.13 ng/ul m

response 1187216

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.24
125.00	18.00	22.61
0.00	0.00	0.00

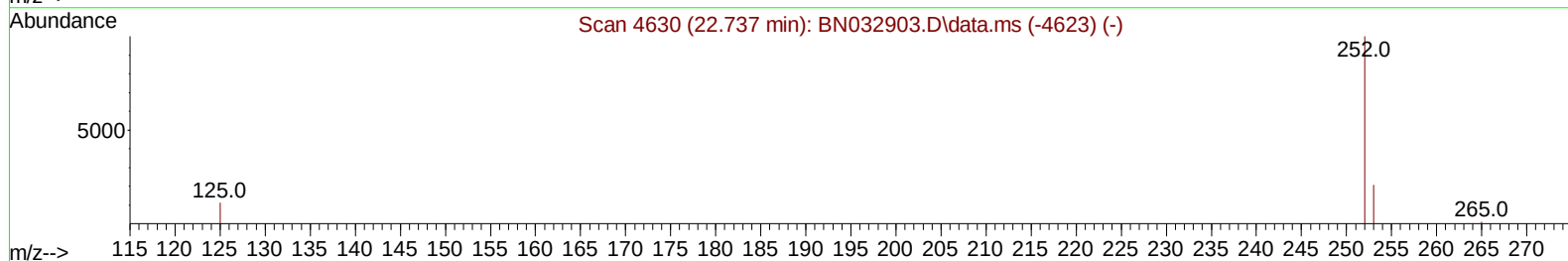
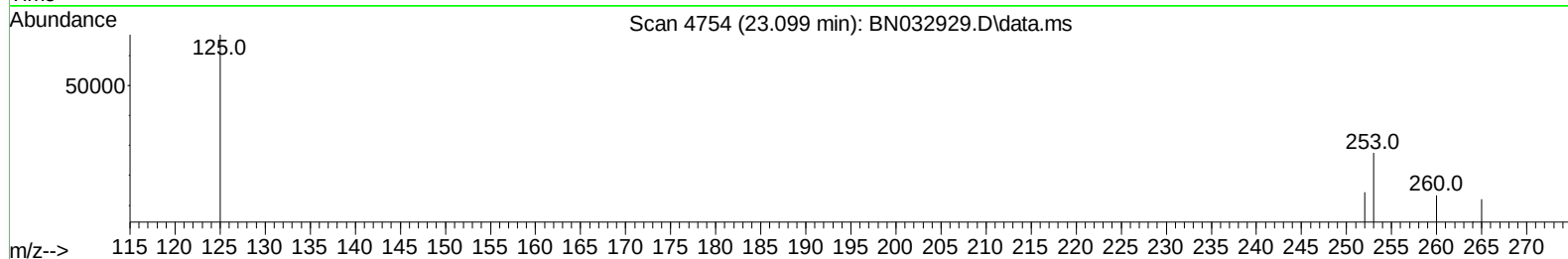
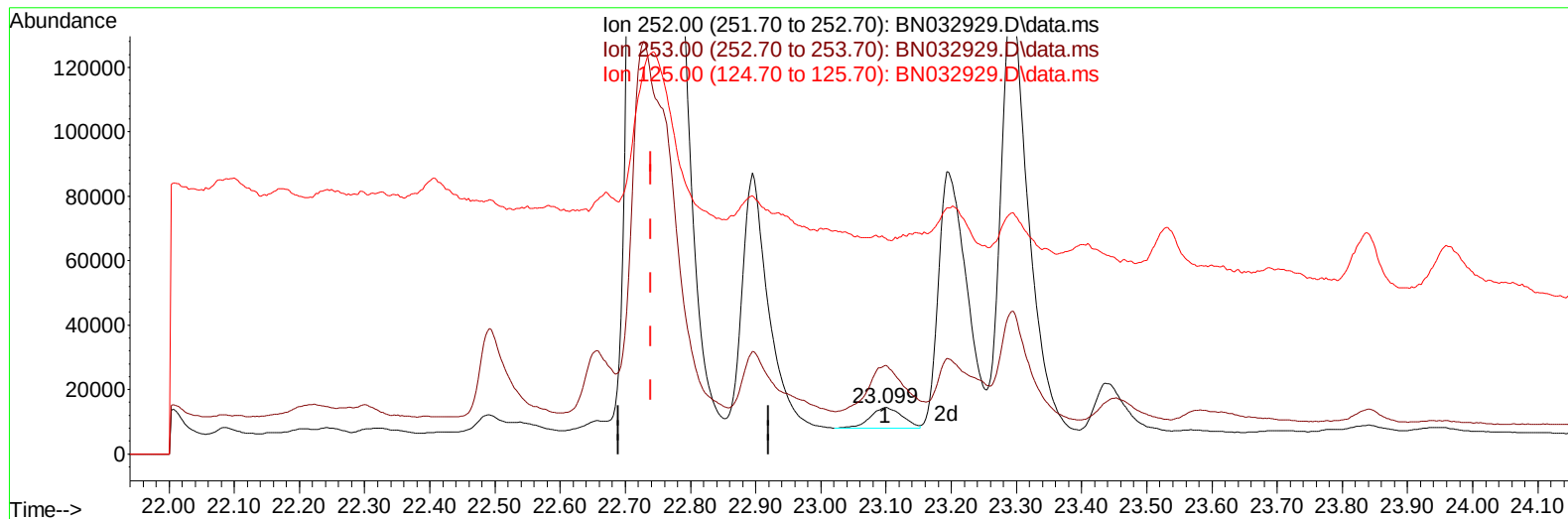
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(25) Benzo(k)fluoranthene

23.099min (+ 0.359) 0.35 ng/u1

response 21957

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	189.90#
125.00	18.50	463.48#
0.00	0.00	0.00

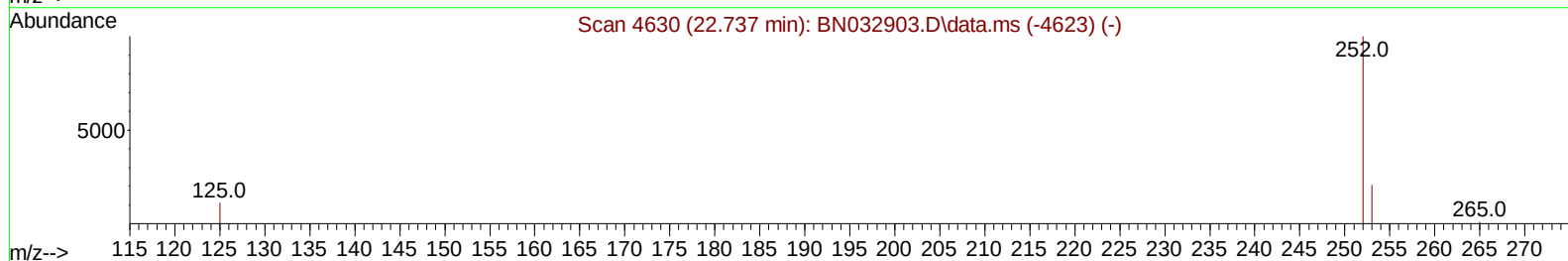
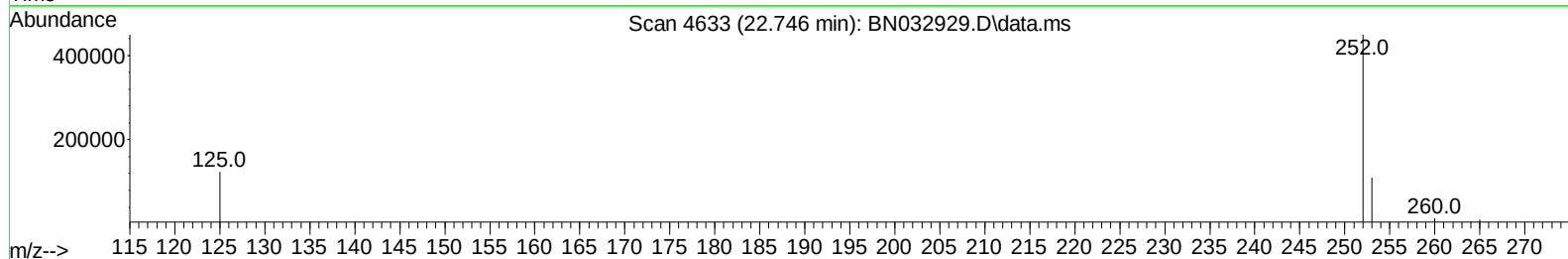
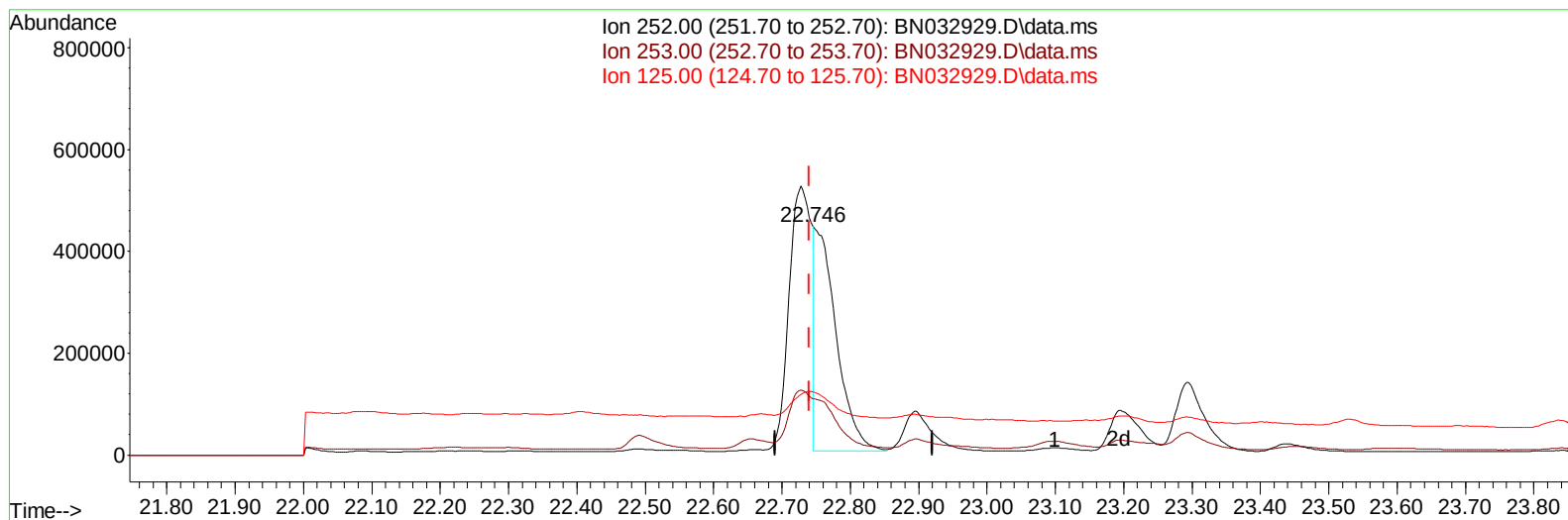
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(25) Benzo(k)fluoranthene

22.746min (+ 0.006) 15.45 ng/ul m

response 966287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.56
125.00	18.50	27.68#
0.00	0.00	0.00

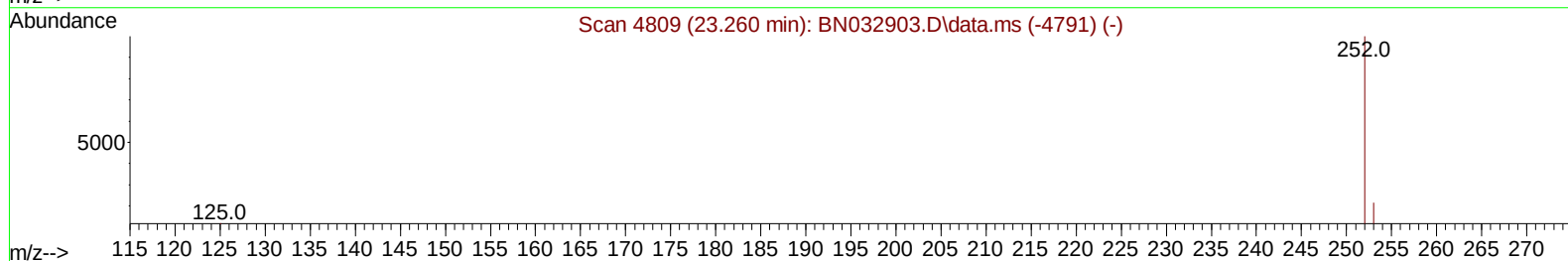
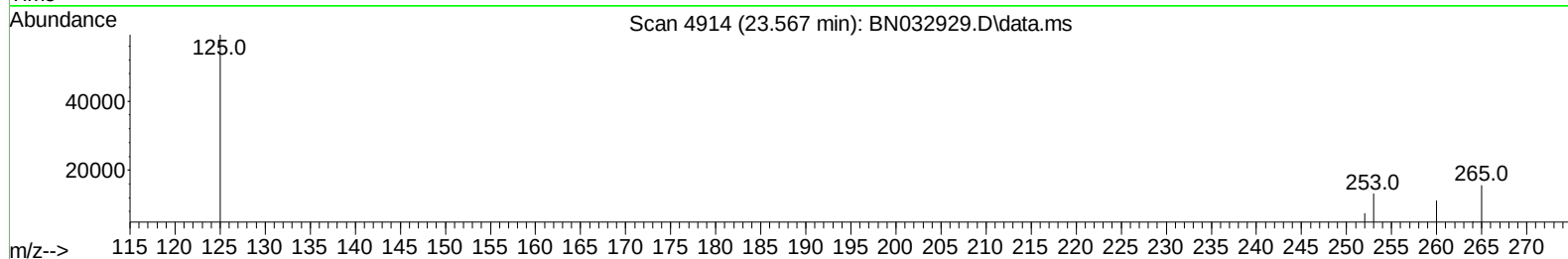
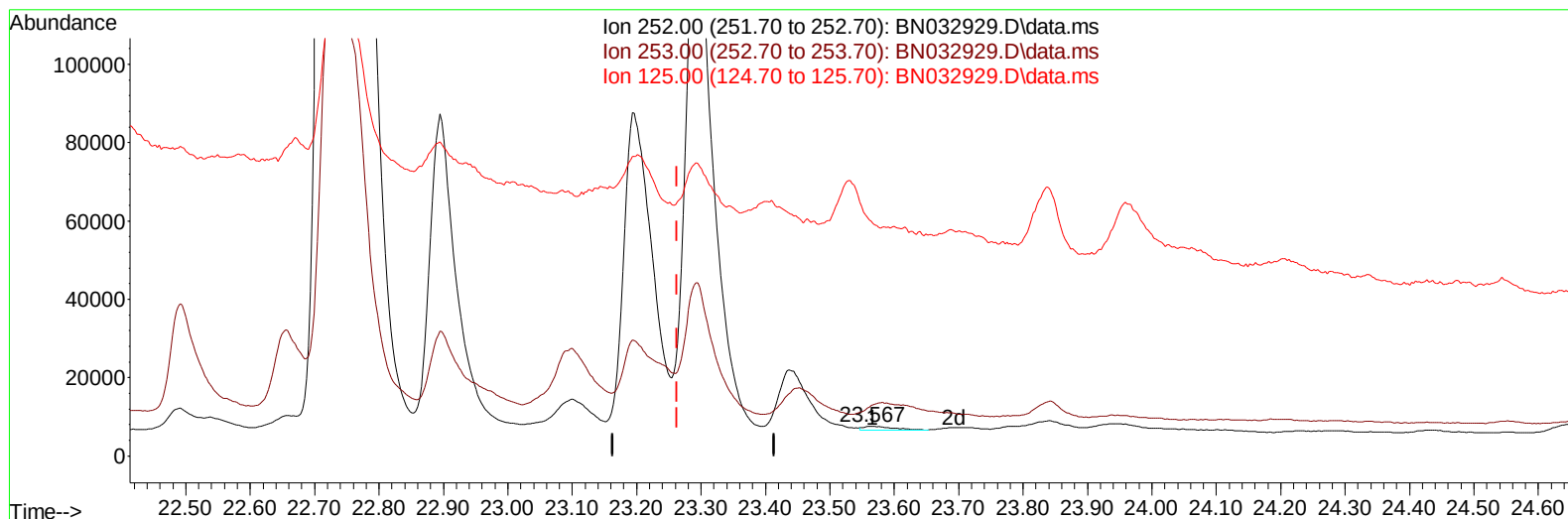
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(26) Benzo(a)pyrene (C)

23.567min (+ 0.304) 0.07 ng/u1

response 2913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	174.60#
125.00	25.70	788.09#
0.00	0.00	0.00

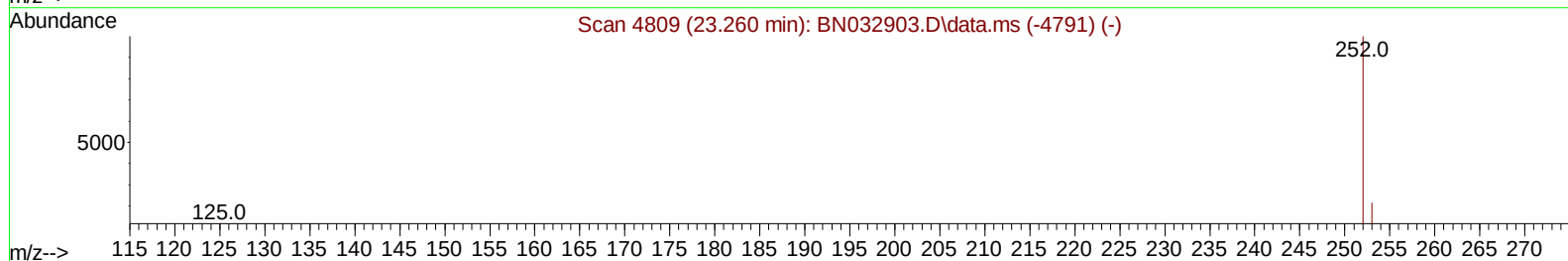
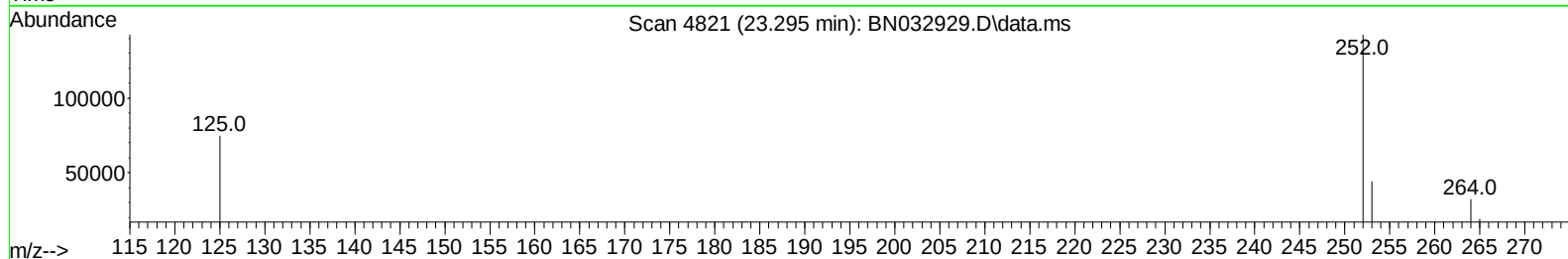
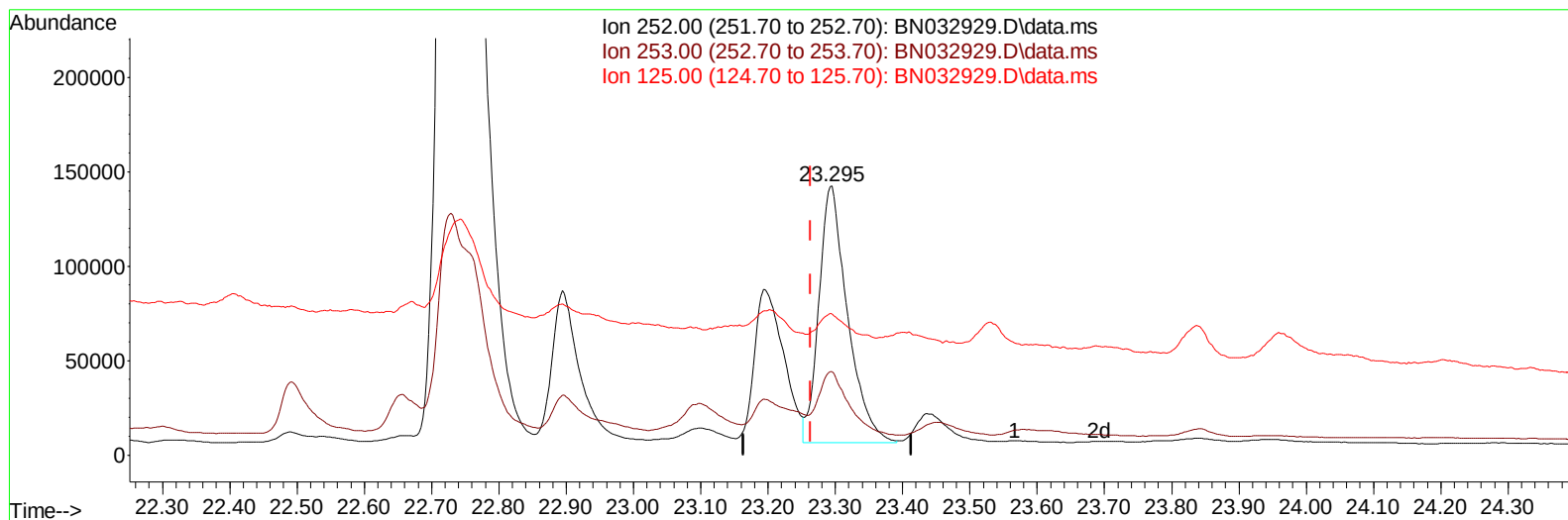
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(26) Benzo(a)pyrene (C)

23.295min (+ 0.032) 9.08 ng/ul m

response 403196

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.08
125.00	25.70	52.49#
0.00	0.00	0.00

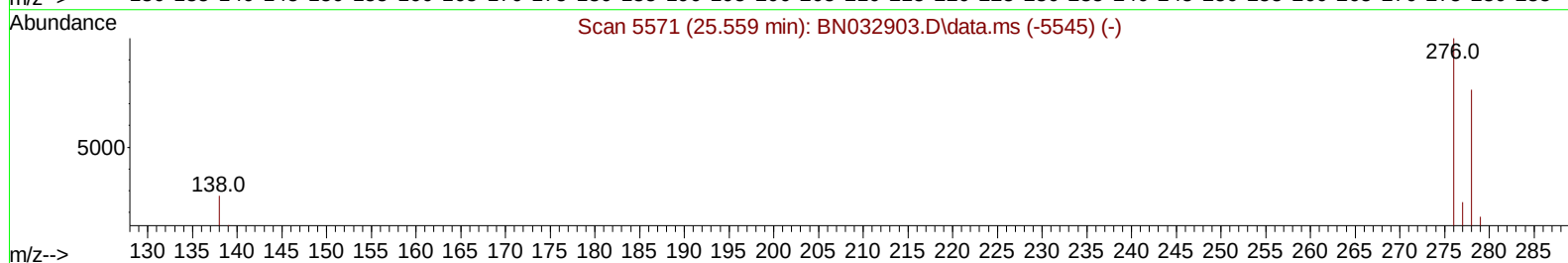
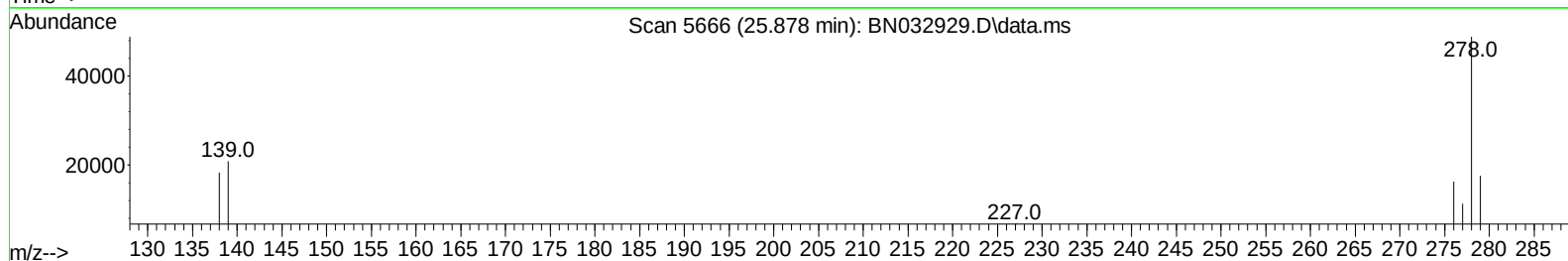
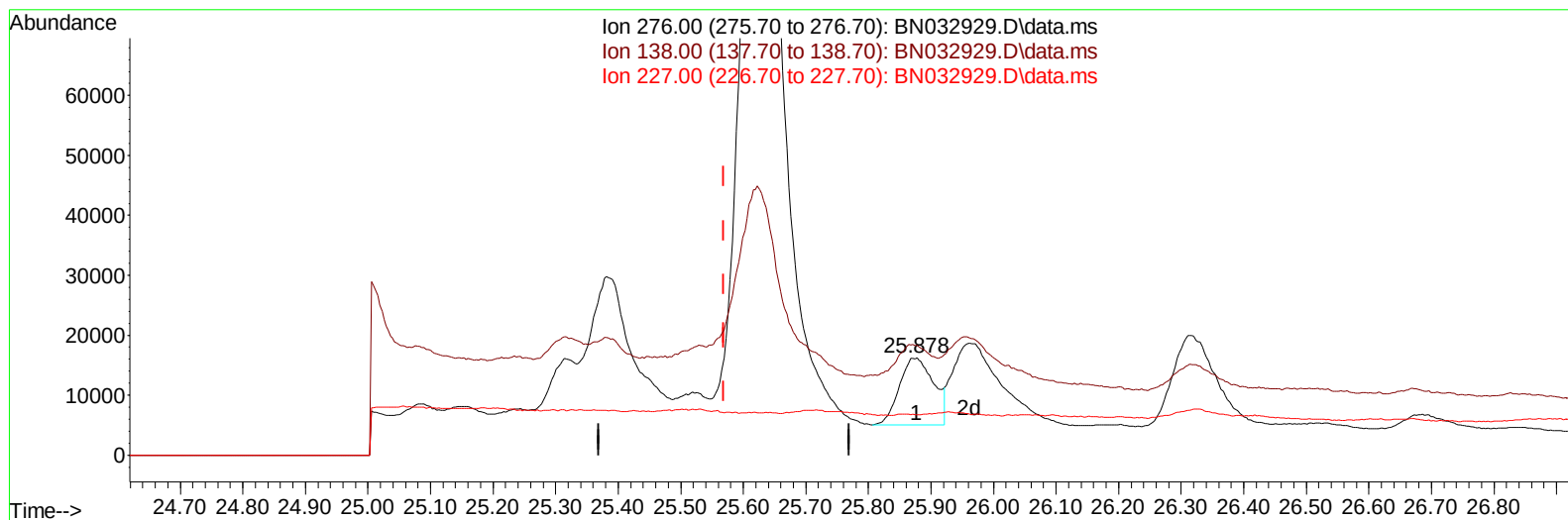
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

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

25.878min (+ 0.308) 0.71 ng/u1

response 42862

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	50.73#
227.00	0.00	0.00
0.00	0.00	0.00

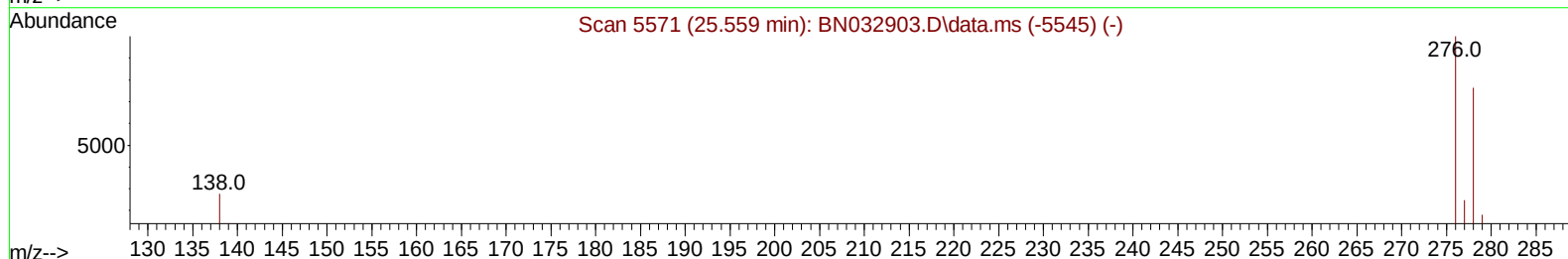
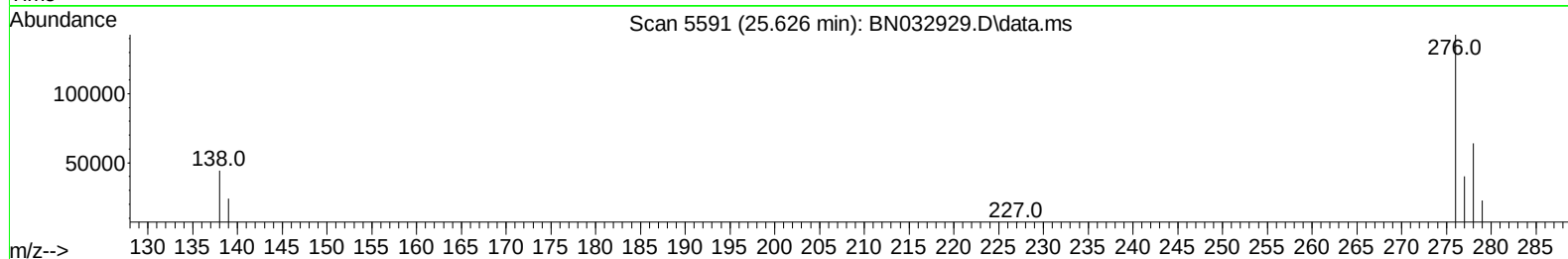
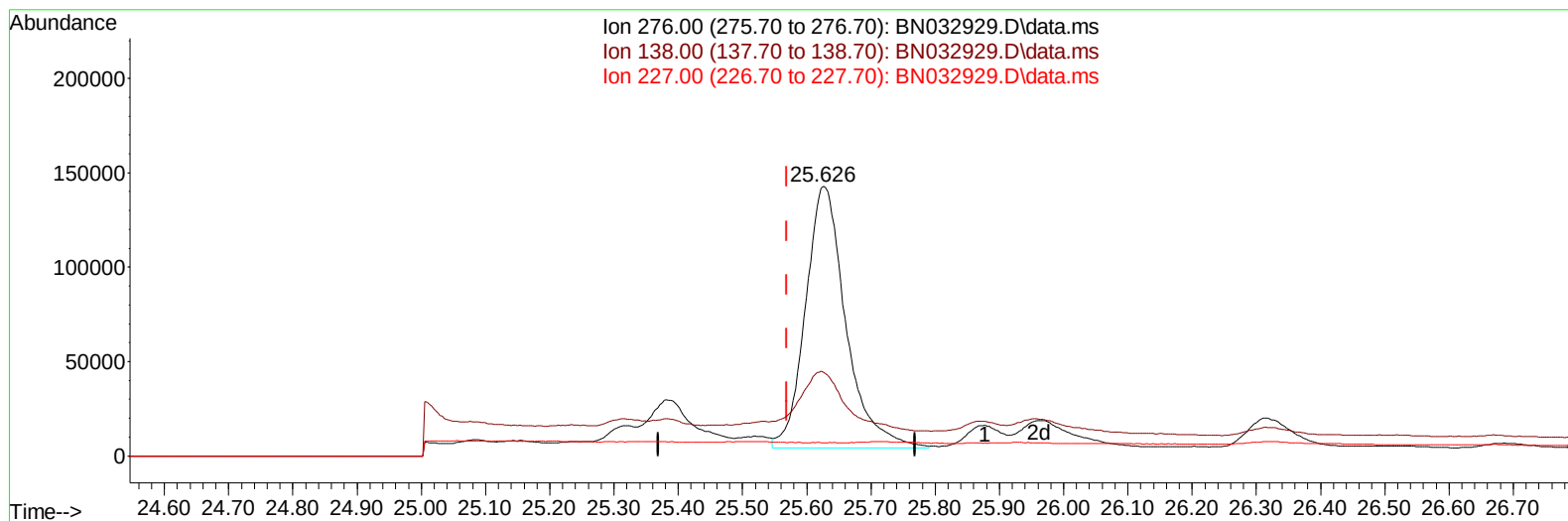
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

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

25.626min (+ 0.057) 10.05 ng/ul m

response 604278

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.60#
227.00	0.00	0.00
0.00	0.00	0.00

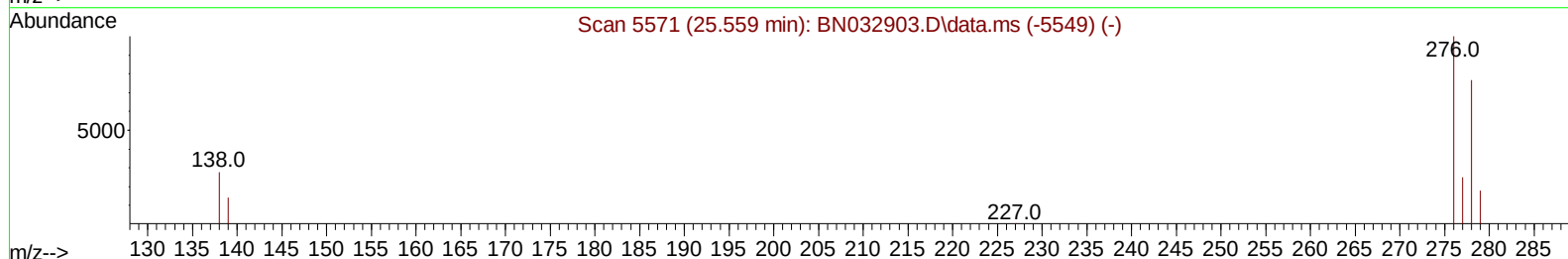
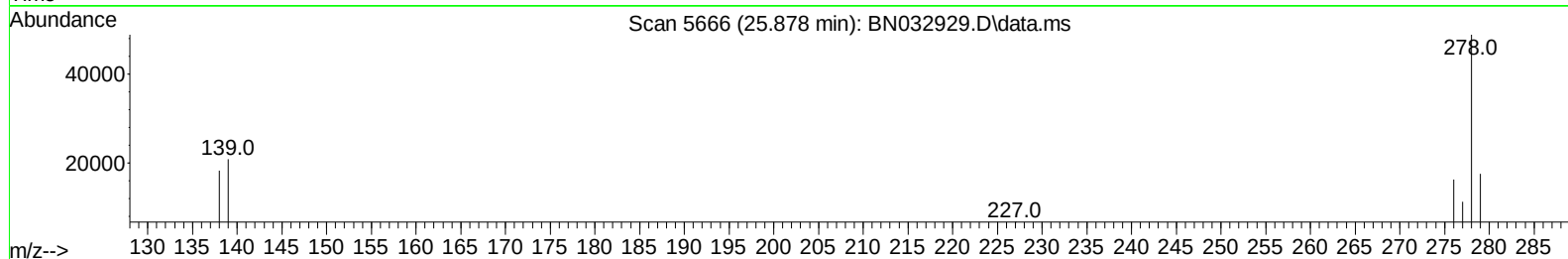
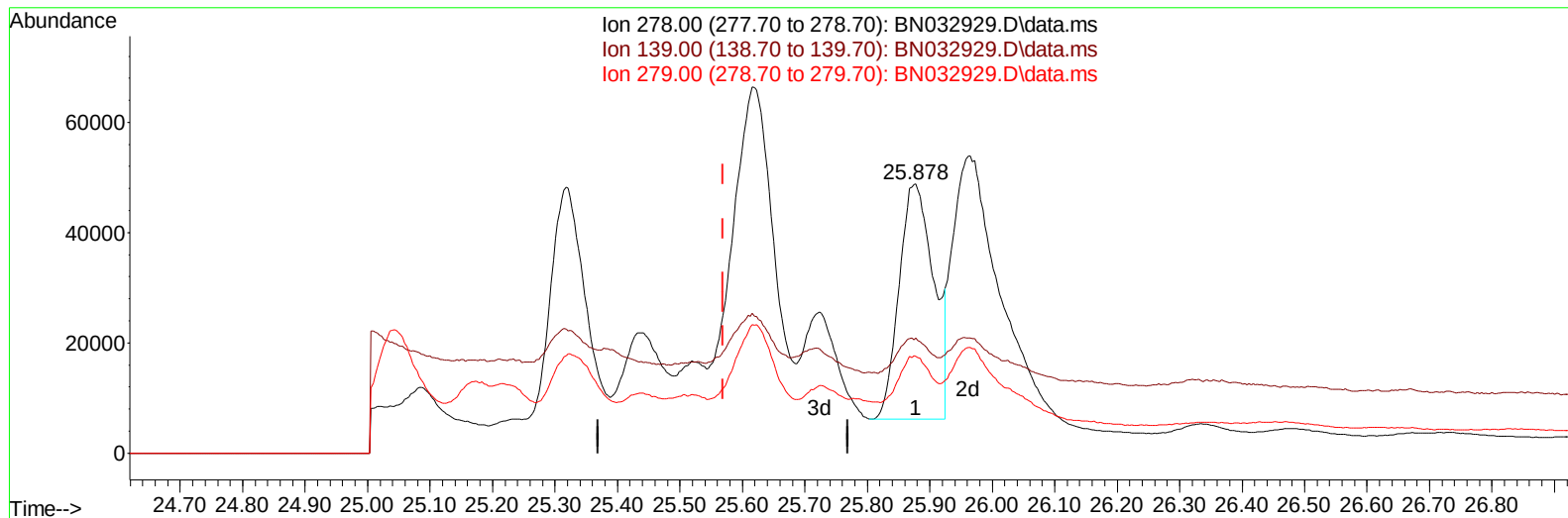
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(28) Dibenzo(a,h)anthracene

25.878min (+ 0.308) 3.56 ng/u1

response 165758

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	42.78#
279.00	29.60	35.96#
0.00	0.00	0.00

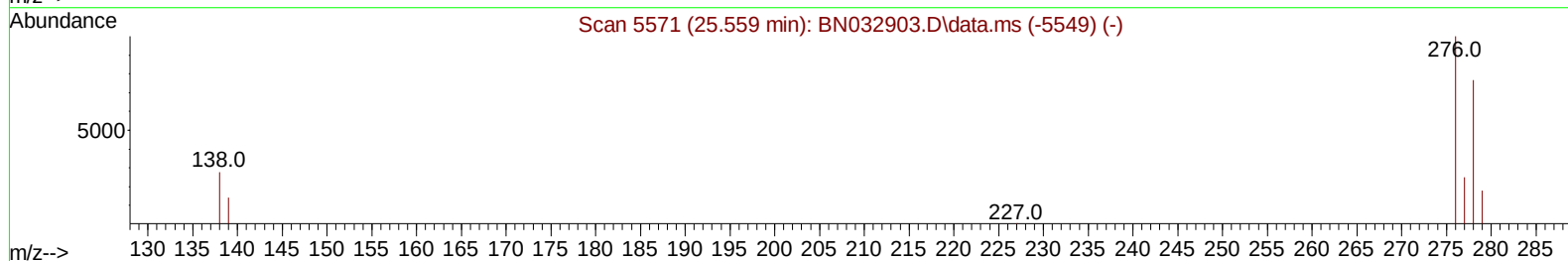
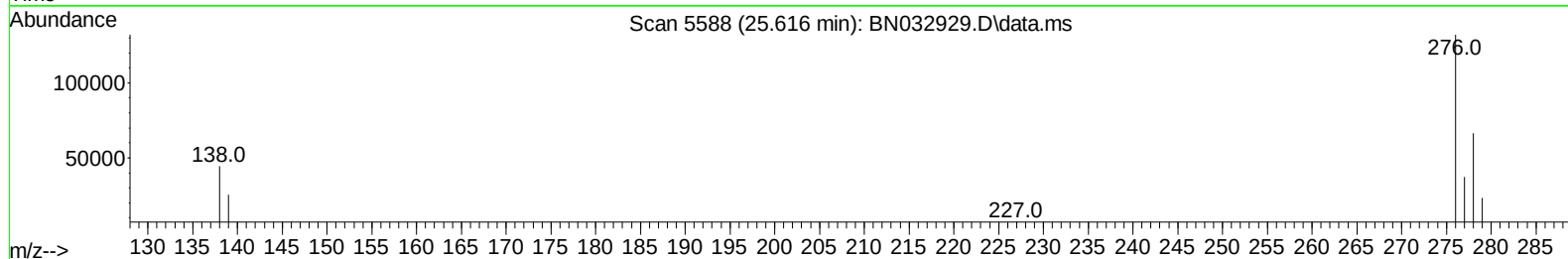
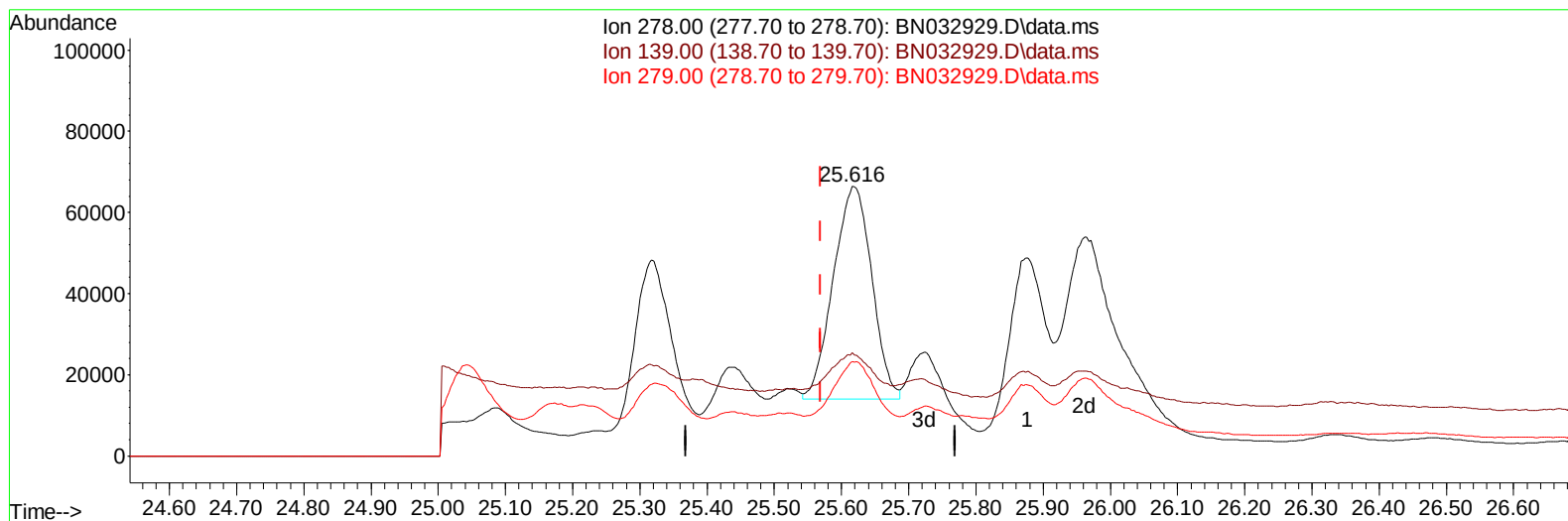
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

(28) Dibenzo(a,h)anthracene

25.616min (+ 0.047) 4.46 ng/ul m

response 207977

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	38.21#
279.00	29.60	35.03
0.00	0.00	0.00

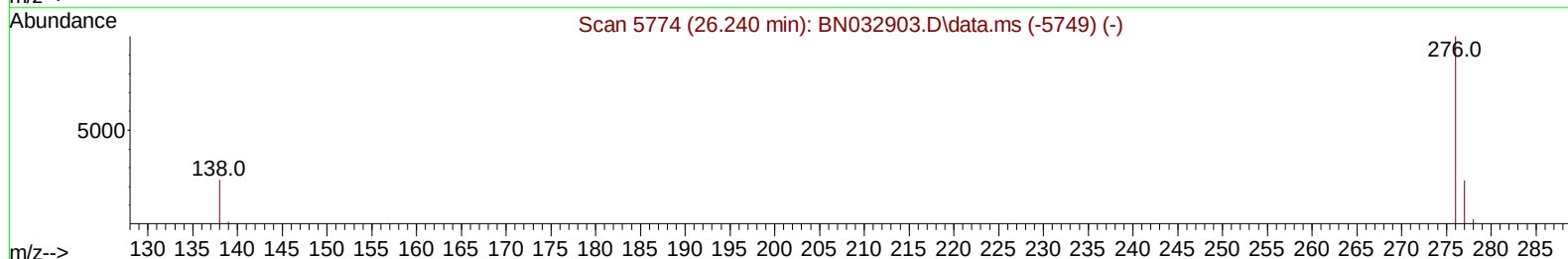
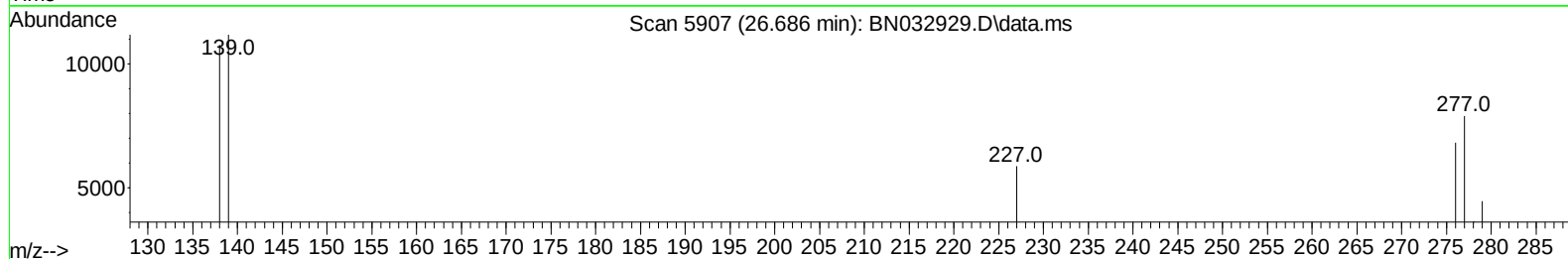
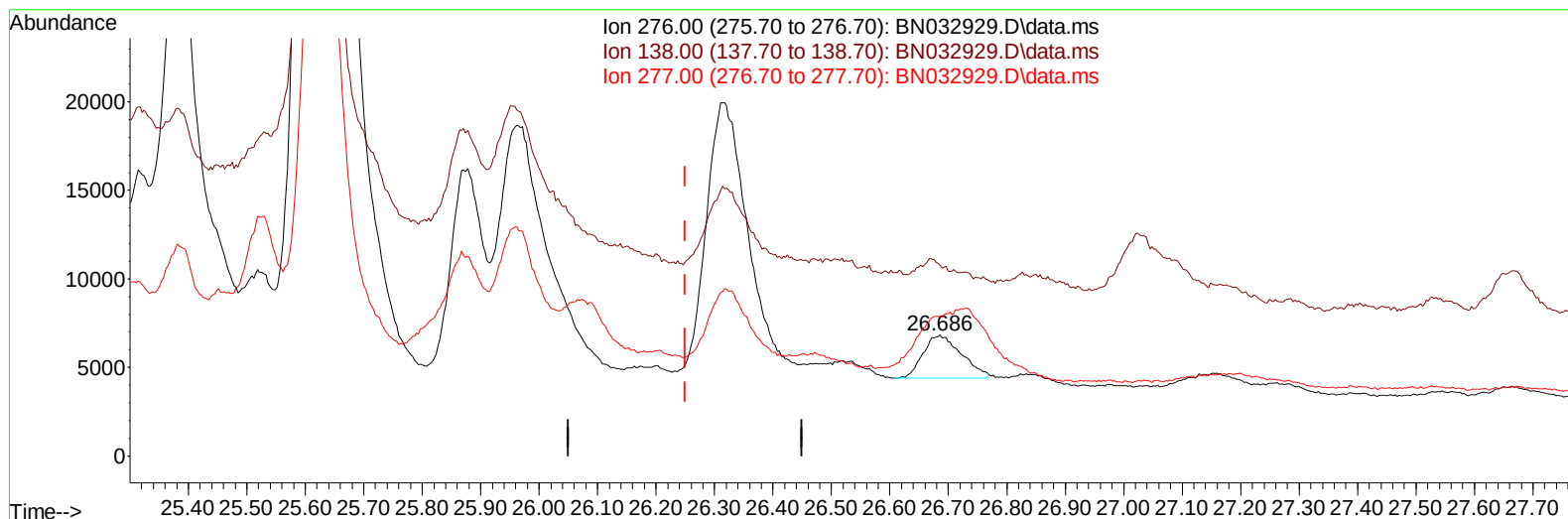
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

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

26.686min (+ 0.436) 0.22 ng/u1

response 11076

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	158.17#
277.00	25.80	115.75#
0.00	0.00	0.00

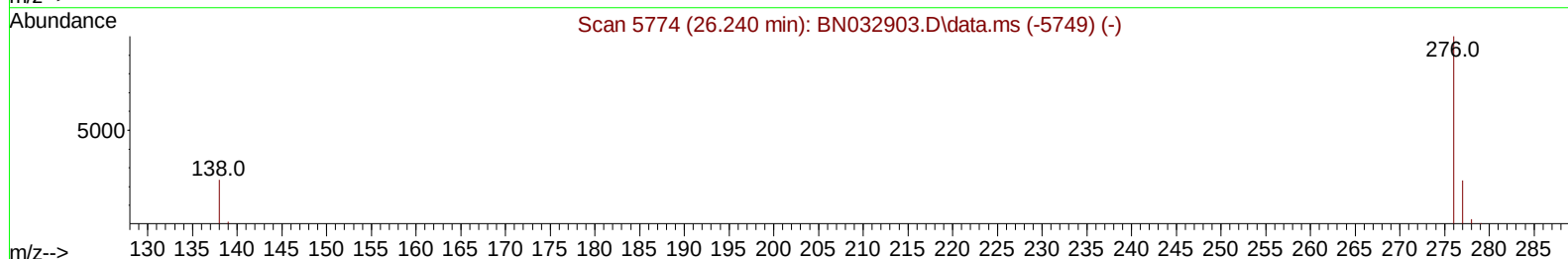
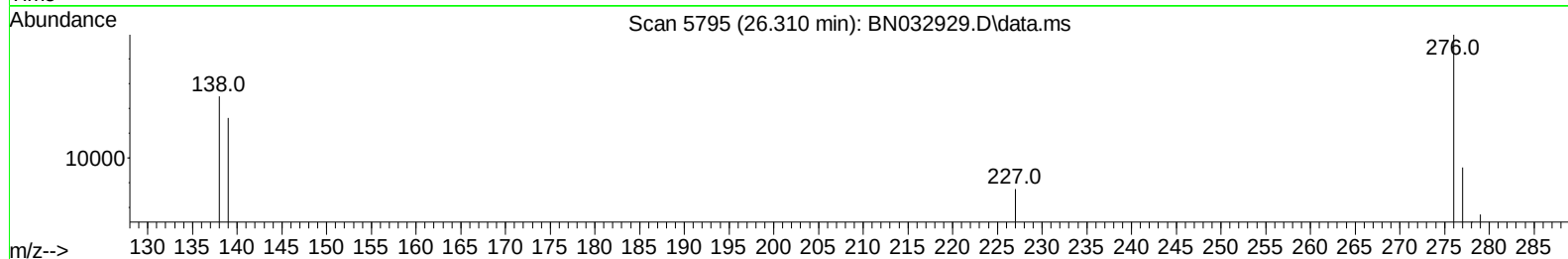
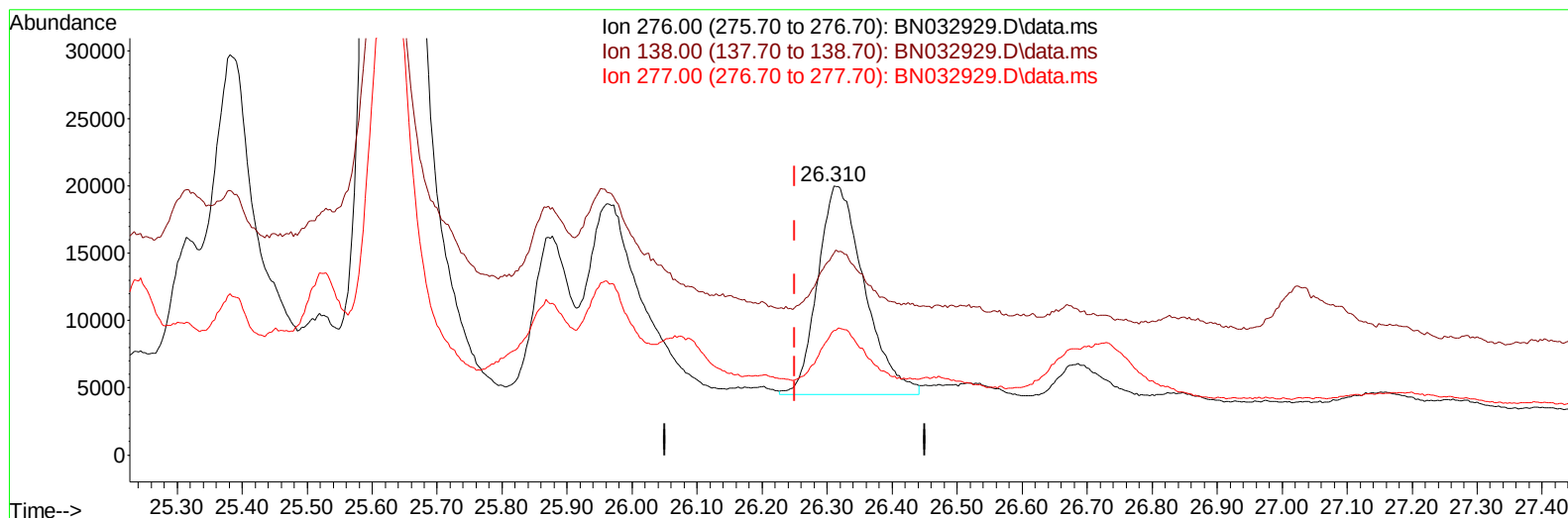
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032929.D\data.ms

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

26.310min (+ 0.060) 1.53 ng/ul m

response 76900

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	75.12#
277.00	25.80	46.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032929.D
 Acq On : 24 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	3767	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.283	136	13125	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.165	164	10502	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.927	188	24677m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	12602m	0.400	ng/ul	0.00
23) Perylene-d12	23.392	264	14545m	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	14379	3.179	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.883	152	5878	0.296	ng/ul	-0.04
18) Fluoranthene-d10	18.985	212	15253m	0.371	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.332	128	51973	1.475	ng/ul	97
7) 2-Methylnaphthalene	11.960	142	27973	1.271	ng/ul	98
8) 1-Methylnaphthalene	12.180	142	16658	0.732	ng/ul	99
10) Acenaphthylene	13.883	152	216241	5.097	ng/ul	99
11) Acenaphthene	14.230	153	43282	1.234	ng/ul	98
12) Fluorene	15.225	166	55941	1.395	ng/ul	97
14) Pentachlorophenol	16.606	266	3050m	0.704	ng/ul	
15) Phenanthrene	16.970	178	1167685m	17.375	ng/ul	
16) Anthracene	17.062	178	375693m	6.842	ng/ul	
19) Fluoranthene	19.017	202	2732391m	53.328	ng/ul	
20) Pyrene	19.385	202	1396289m	26.328	ng/ul	
21) Benzo(a)anthracene	21.150	228	894425m	22.297	ng/ul	
22) Chrysene	21.203	228	1109100m	19.113	ng/ul	
24) Benzo(b)fluoranthene	22.728	252	1187216m	23.134	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	966287m	15.450	ng/ul	
26) Benzo(a)pyrene	23.295	252	403196m	9.079	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.626	276	604278m	10.048	ng/ul	
28) Dibenzo(a,h)anthracene	25.616	278	207977m	4.462	ng/ul	
29) Benzo(g,h,i)perylene	26.310	276	76900m	1.530	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032929.D
Acq On : 24 Jul 2024 02:44
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 03:20:00 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

