

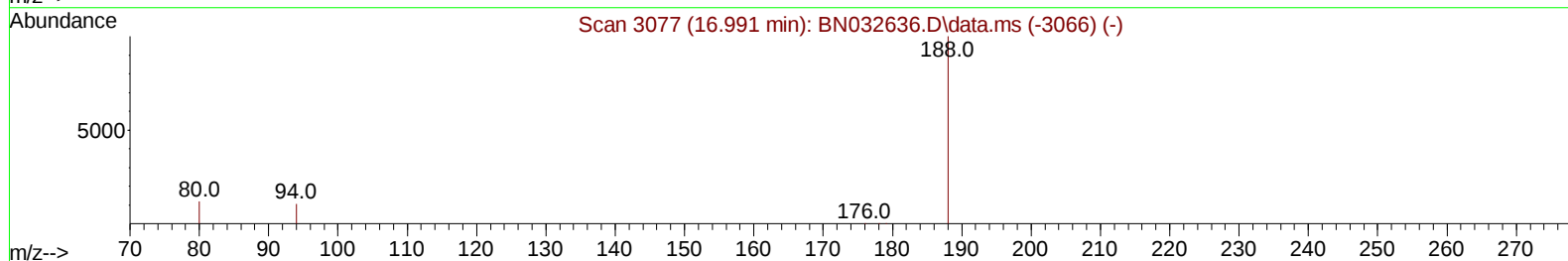
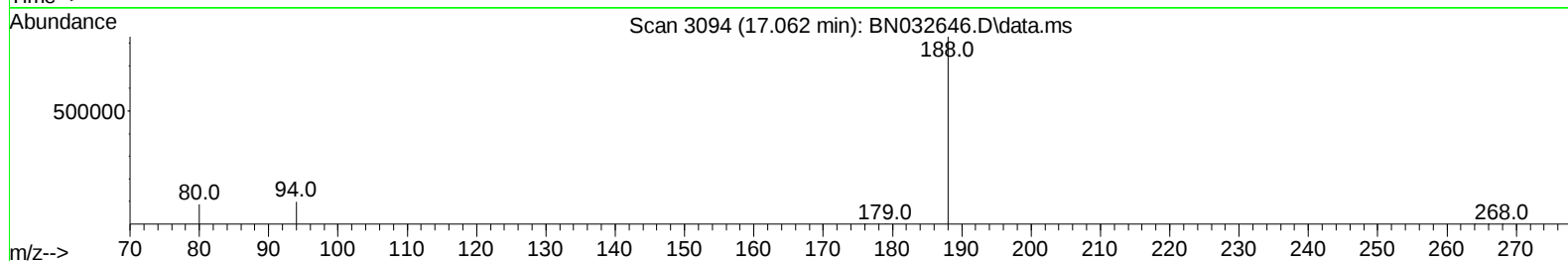
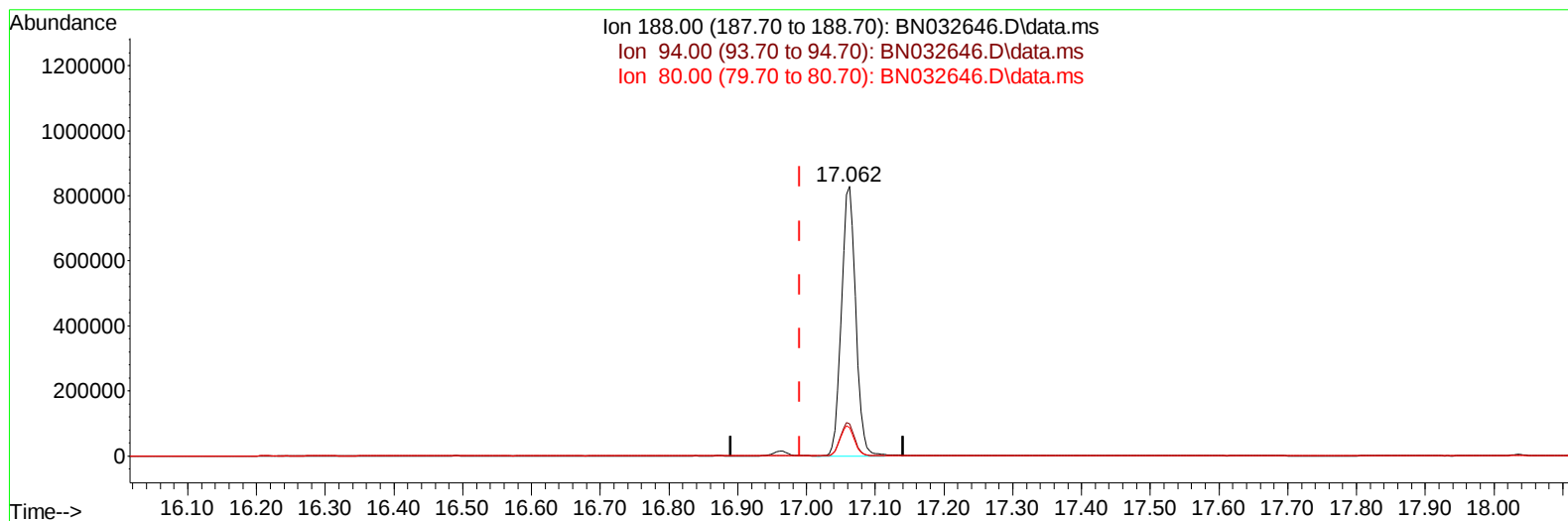
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 1198224

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.93
80.00	12.00	10.59
0.00	0.00	0.00

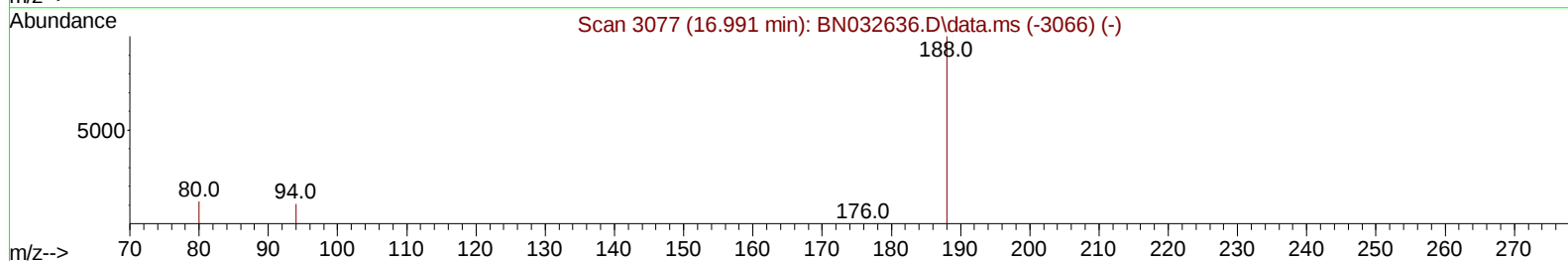
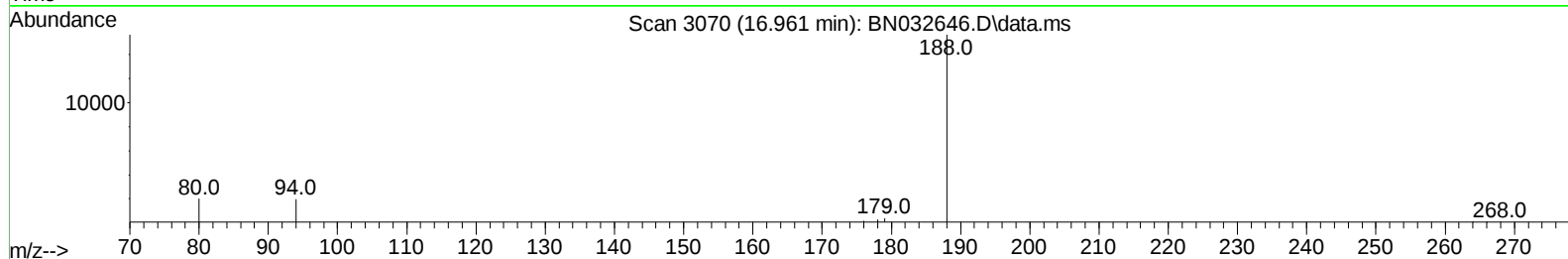
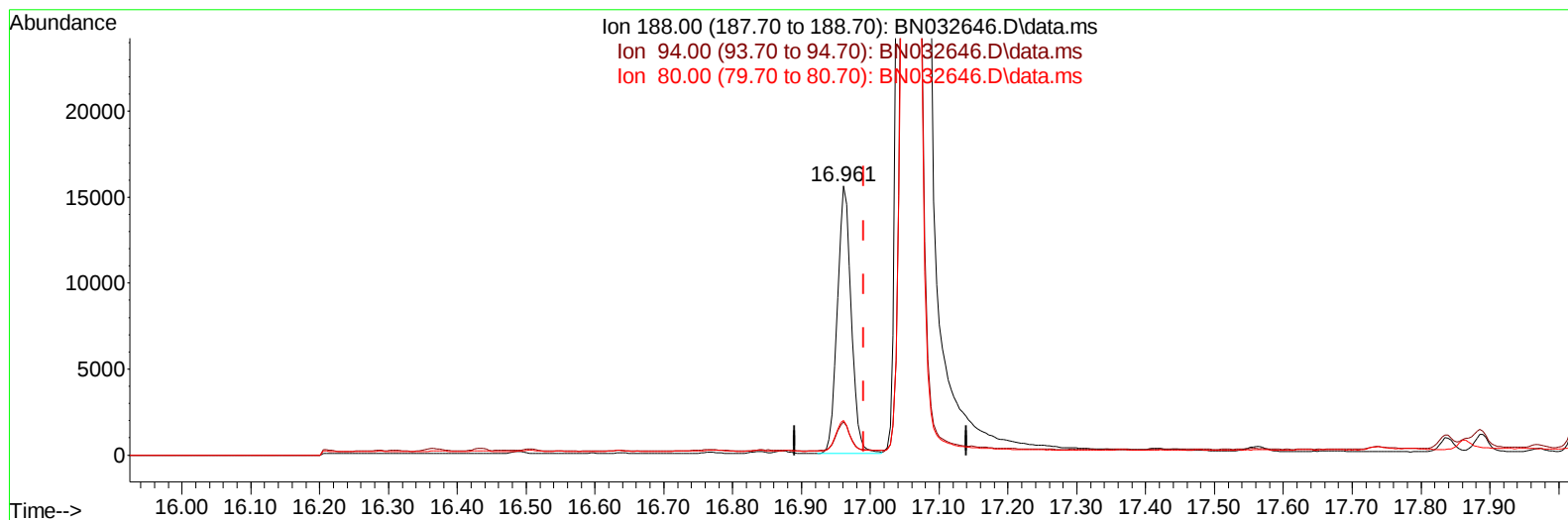
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 21785

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.45
80.00	12.00	12.86
0.00	0.00	0.00

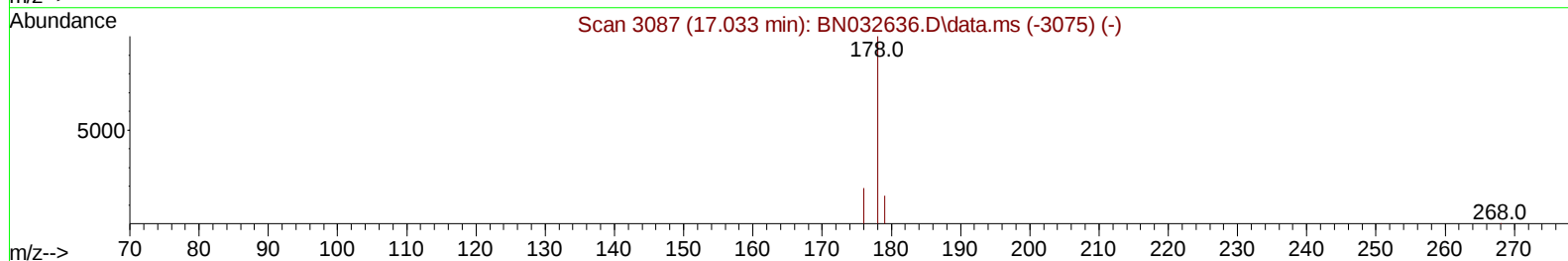
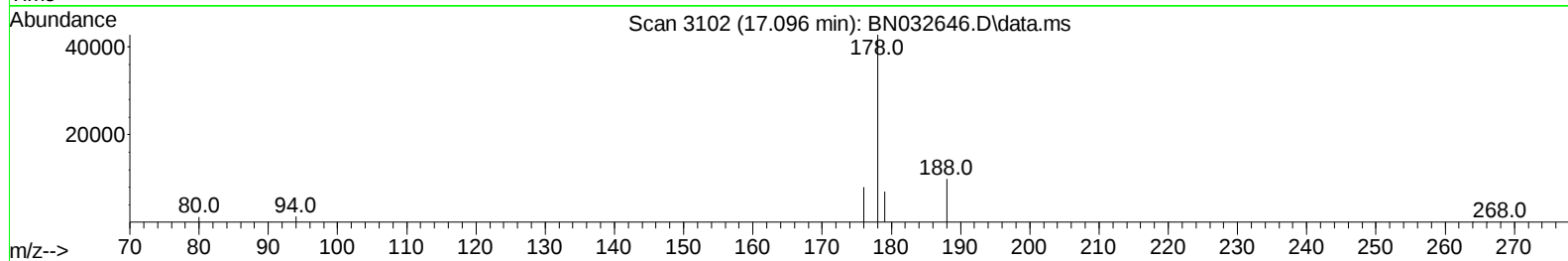
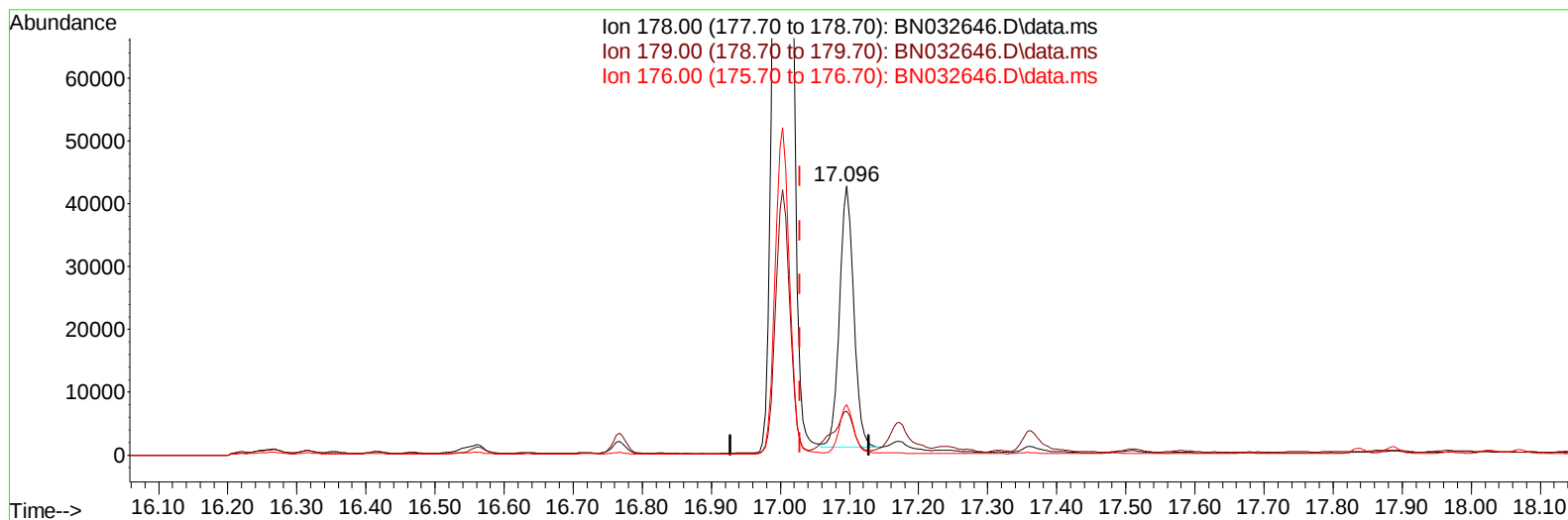
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(15) Phenanthrene

17.096min (+ 0.068) 1.00 ng/u1

response 59263

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.51
176.00	19.50	18.73
0.00	0.00	0.00

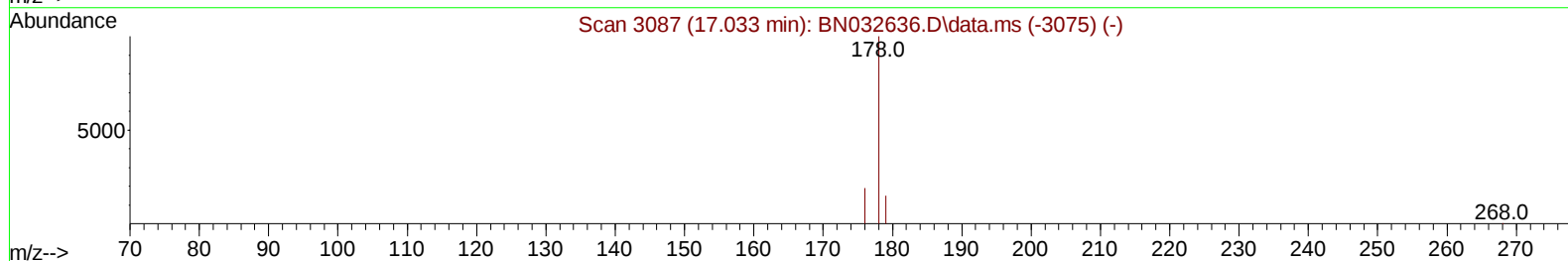
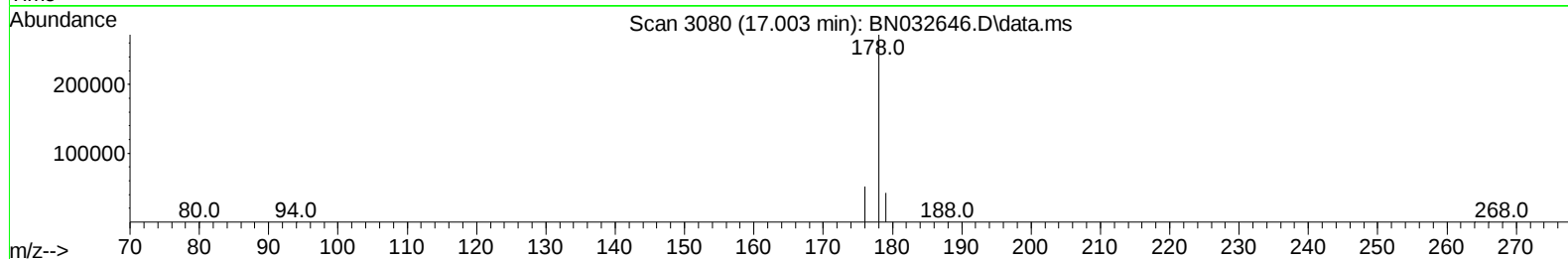
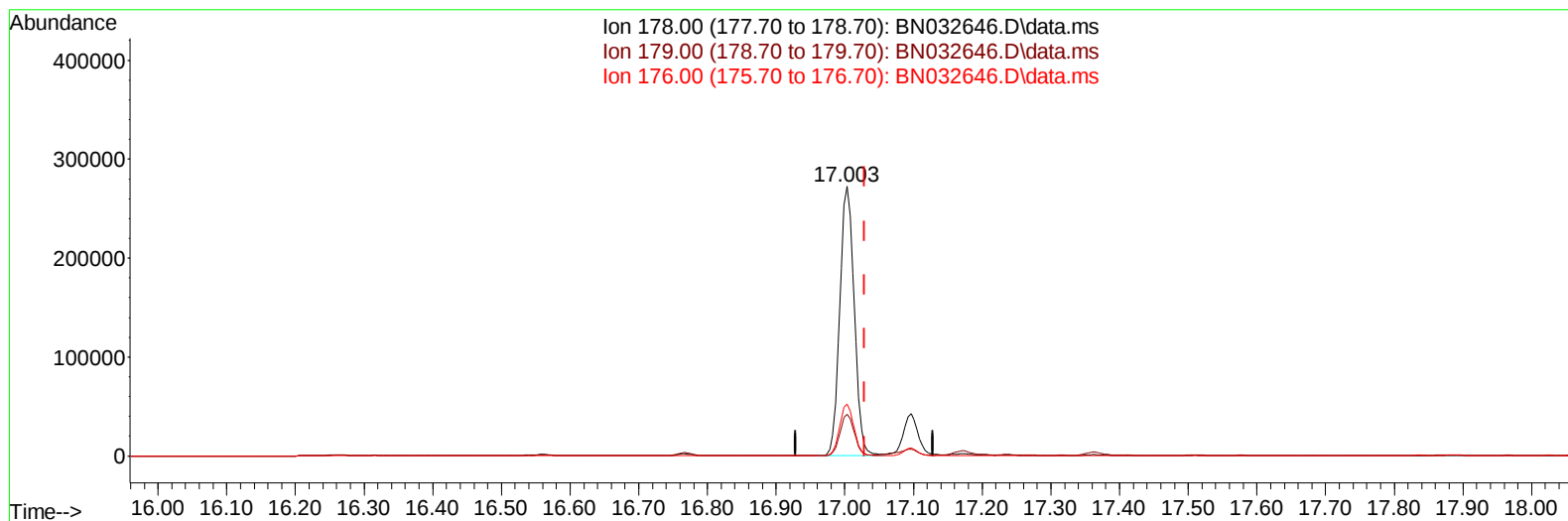
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 6.68 ng/ul m

response 396532

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.49
176.00	19.50	19.12
0.00	0.00	0.00

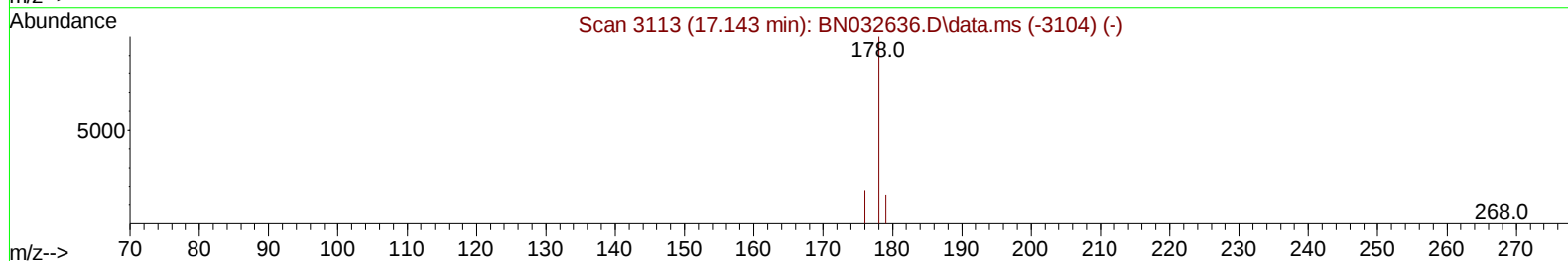
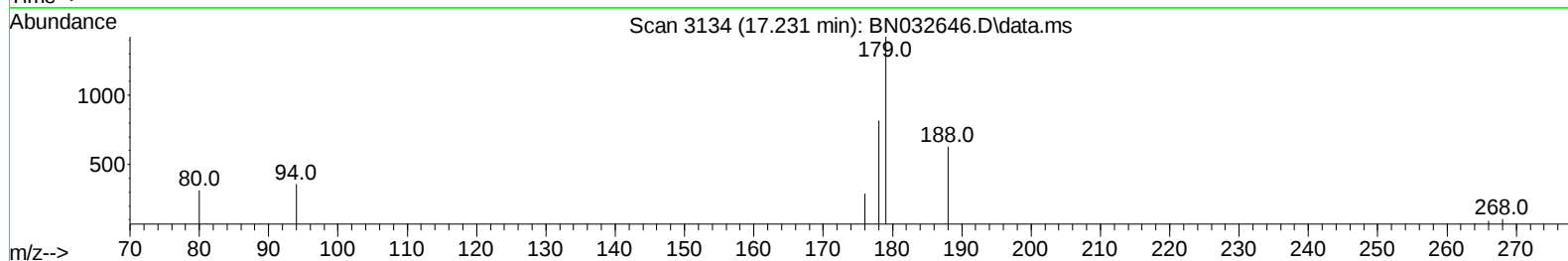
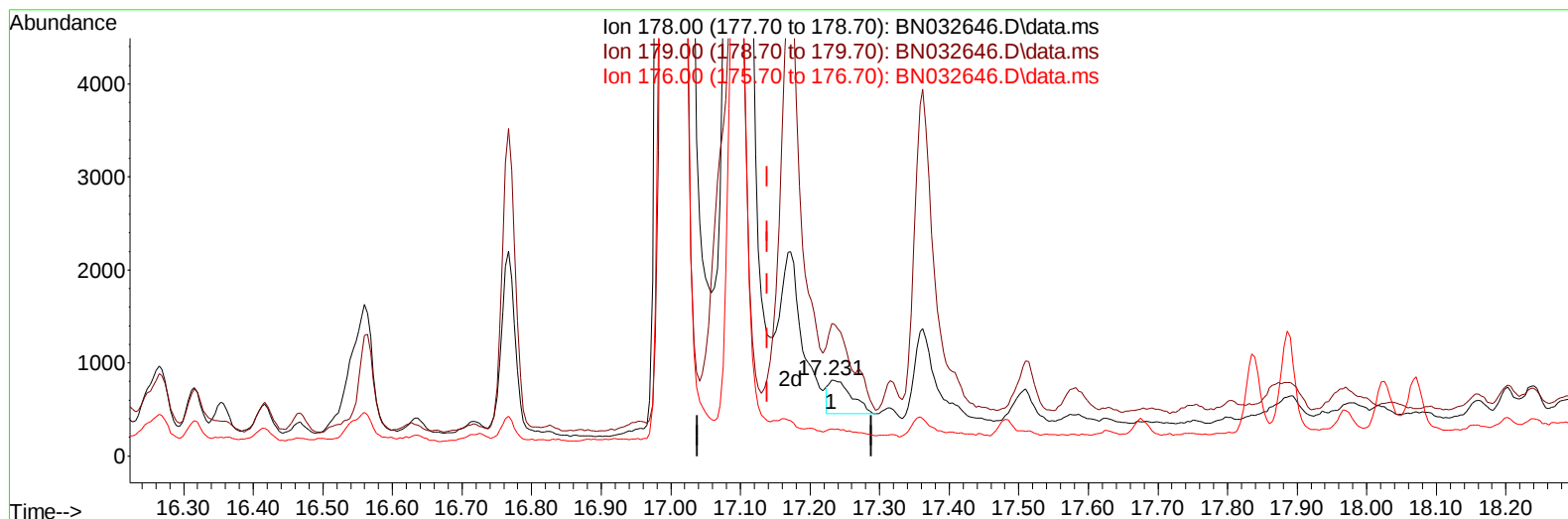
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(16) Anthracene

17.231min (+ 0.093) 0.02 ng/u1

response 833

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	173.84#
176.00	19.20	35.57#
0.00	0.00	0.00

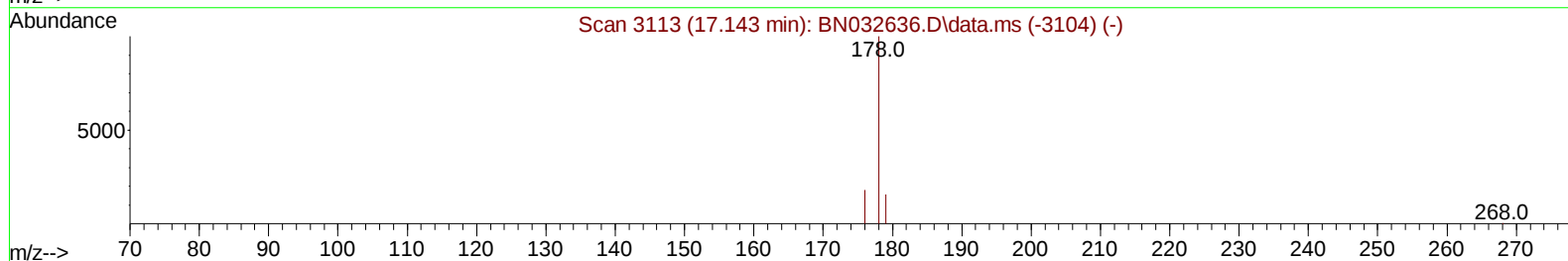
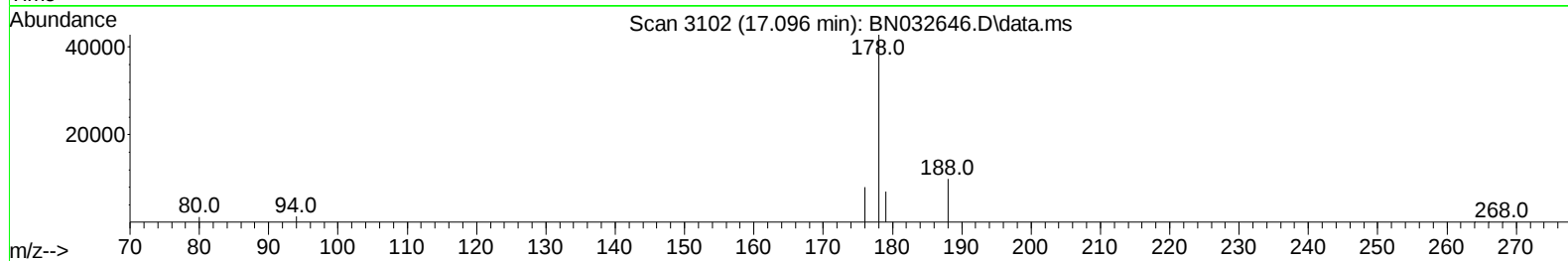
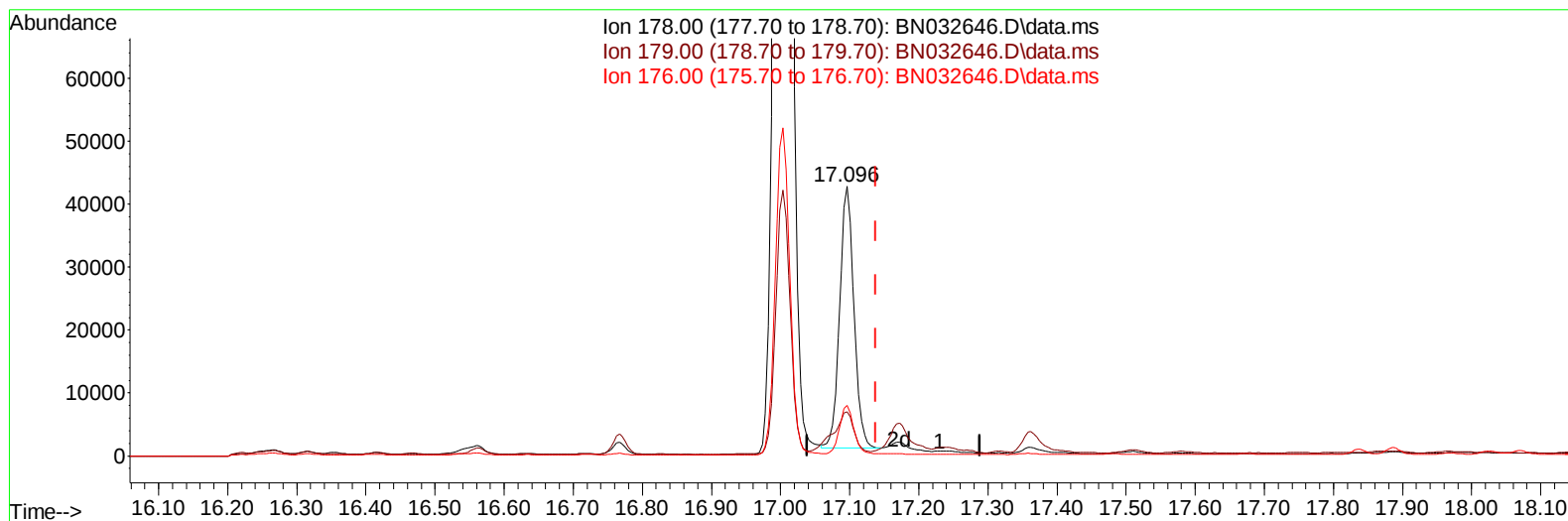
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(16) Anthracene

17.096min (-0.042) 1.23 ng/ul m

response 59388

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.51
176.00	19.20	18.73
0.00	0.00	0.00

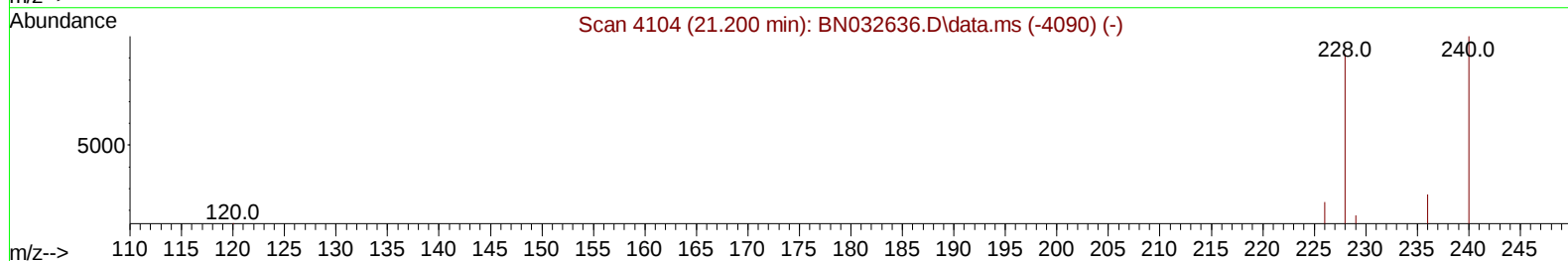
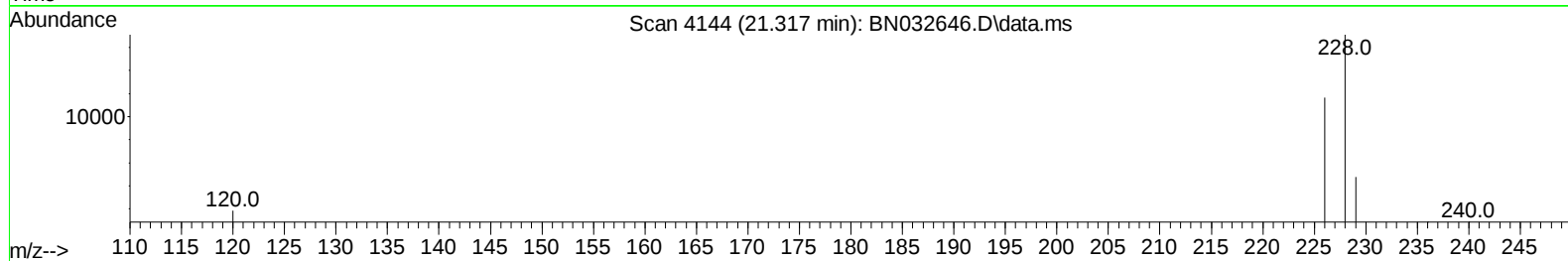
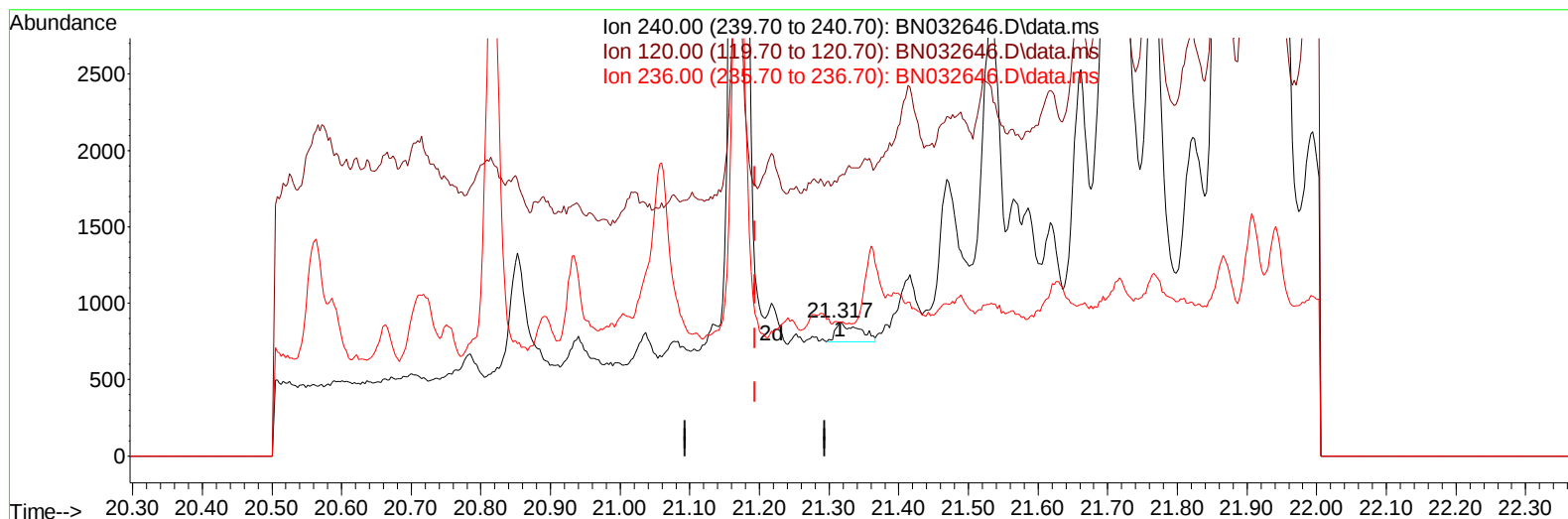
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(17) Chrysene-d12

21.317min (+ 0.123) 0.40 ng/u1

response 293

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	209.47#
236.00	28.40	99.32#
0.00	0.00	0.00

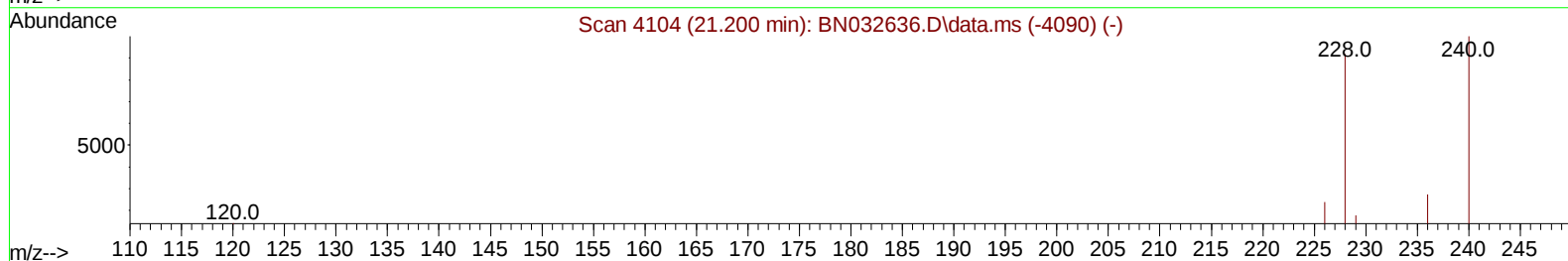
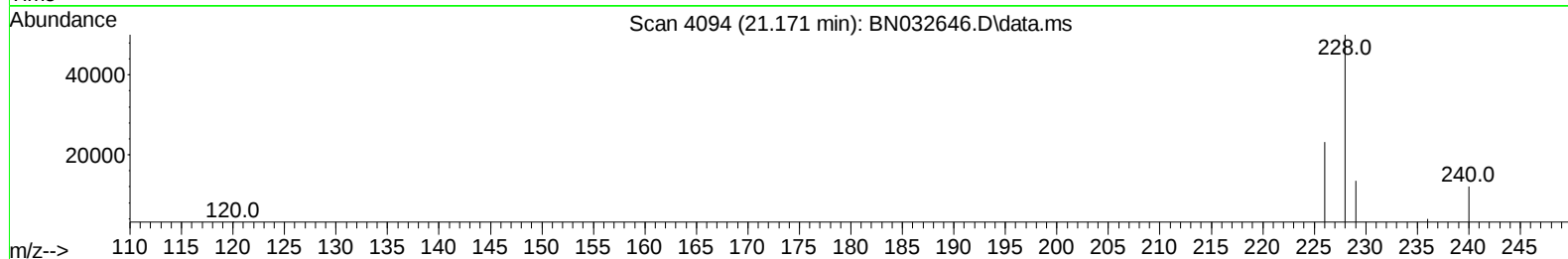
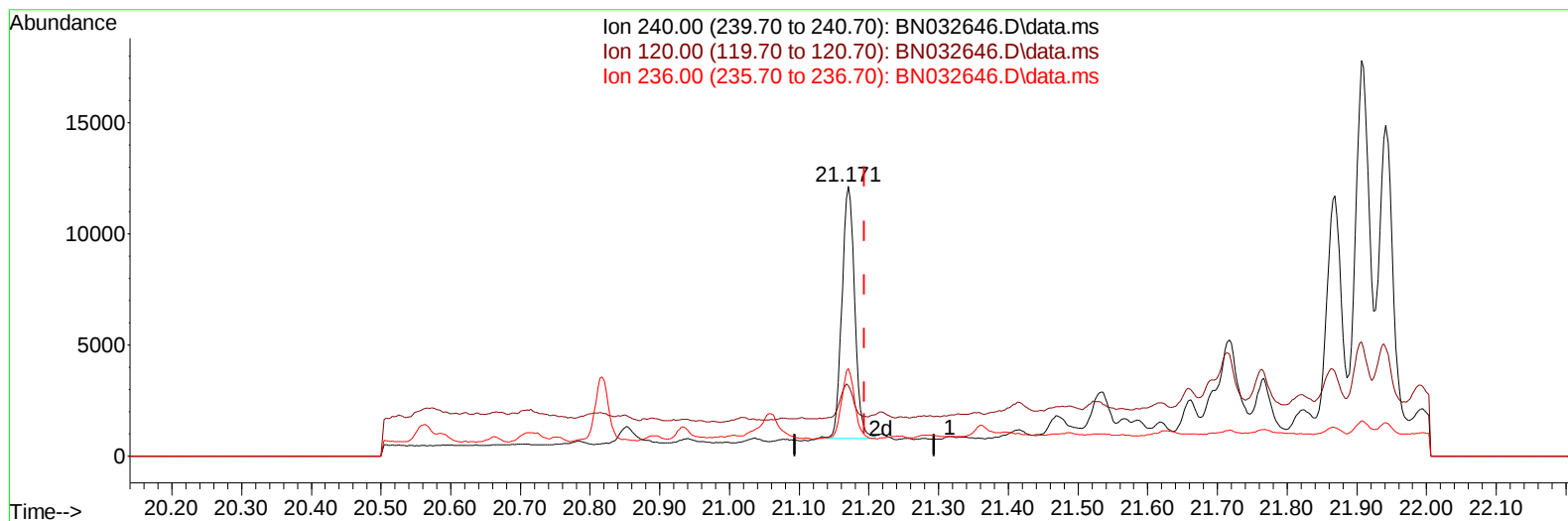
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(17) Chrysene-d12

21.171min (-0.023) 0.40 ng/ul m

response 14374

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	26.16#
236.00	28.40	32.34
0.00	0.00	0.00

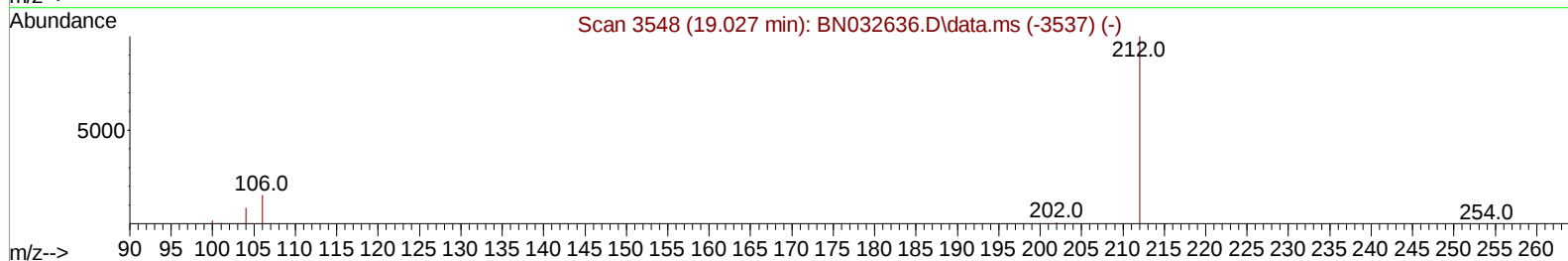
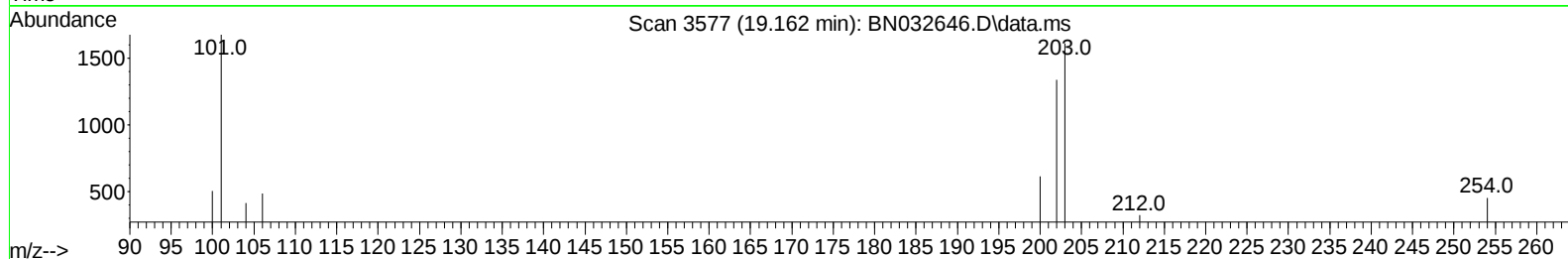
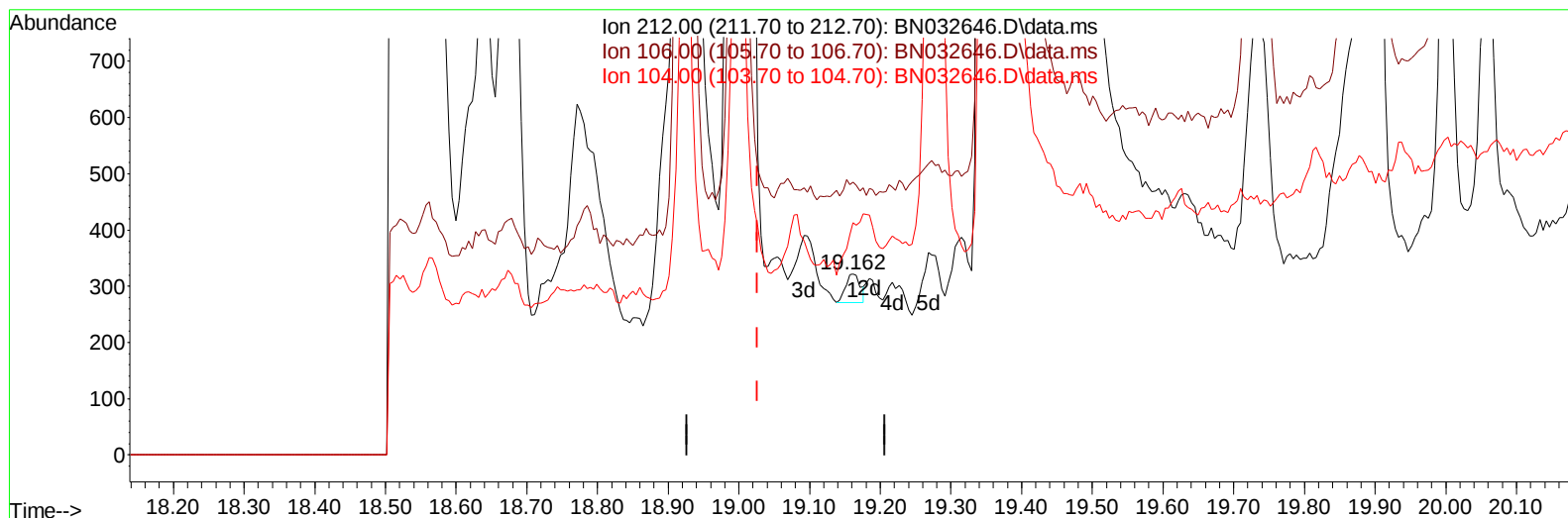
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.162min (+ 0.135) 0.00 ng/u1

response 73

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	90.41#
104.00	9.00	0.00#
0.00	0.00	0.00

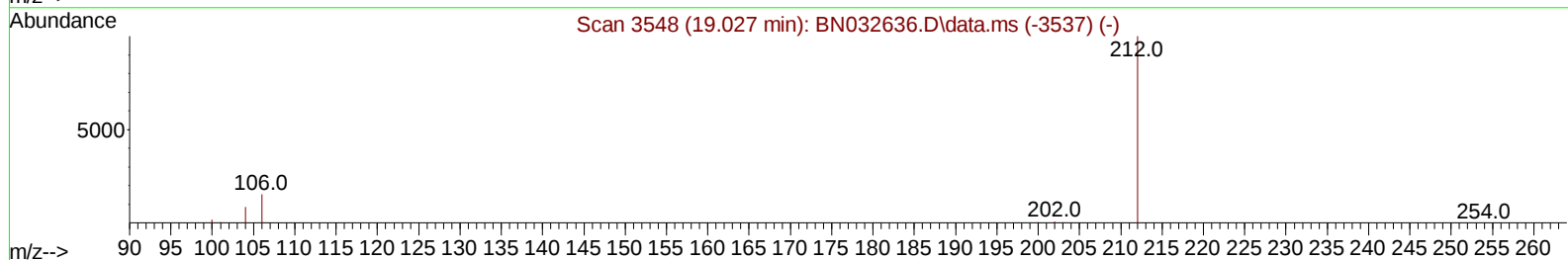
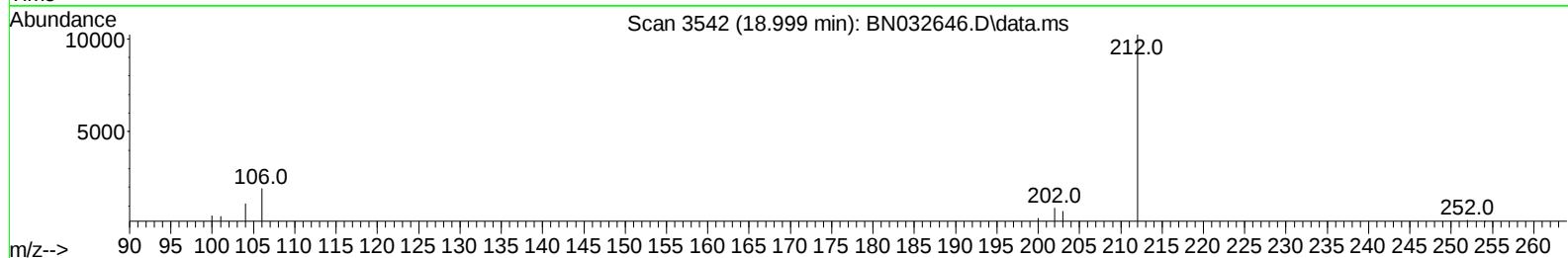
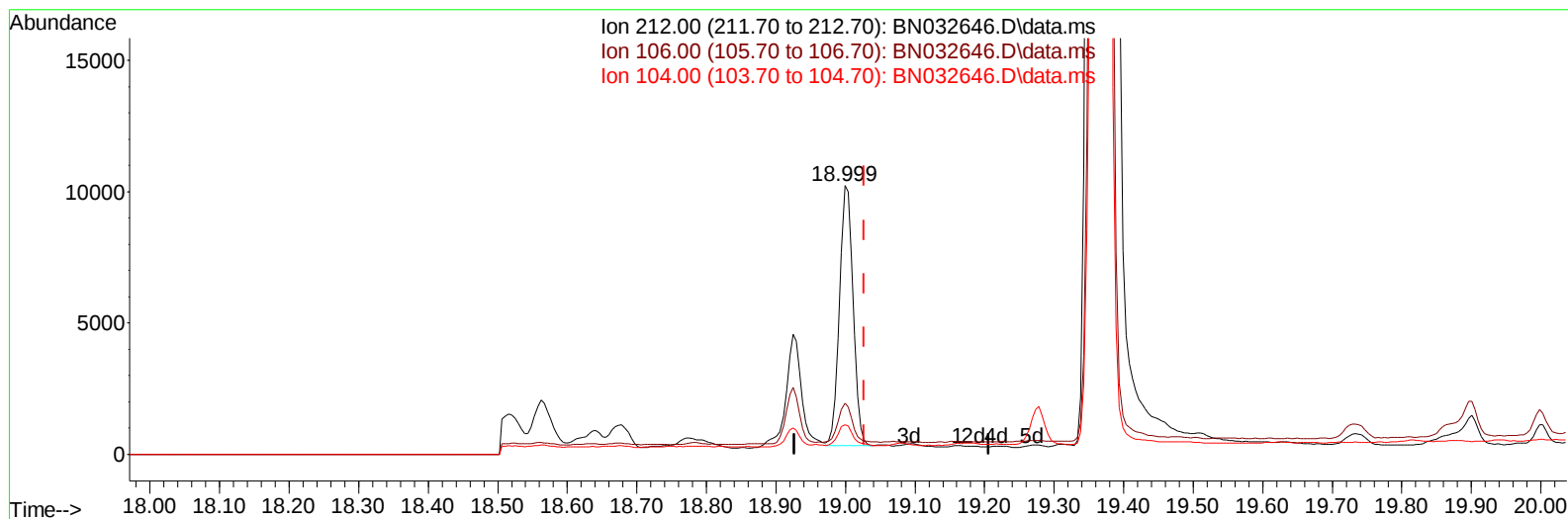
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.28 ng/u1 m

response 13307

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.50#
104.00	9.00	0.00#
0.00	0.00	0.00

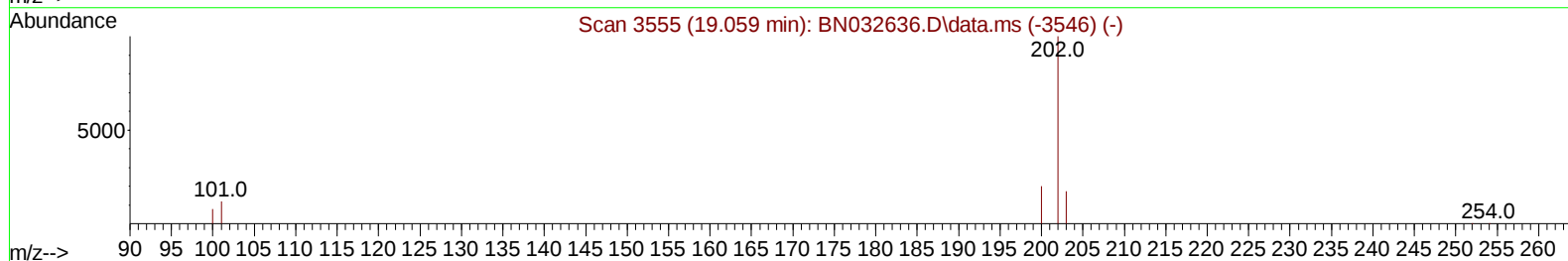
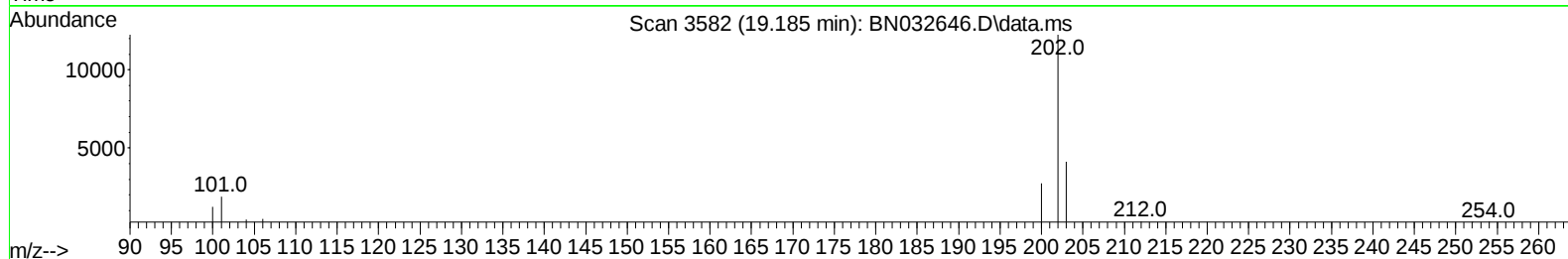
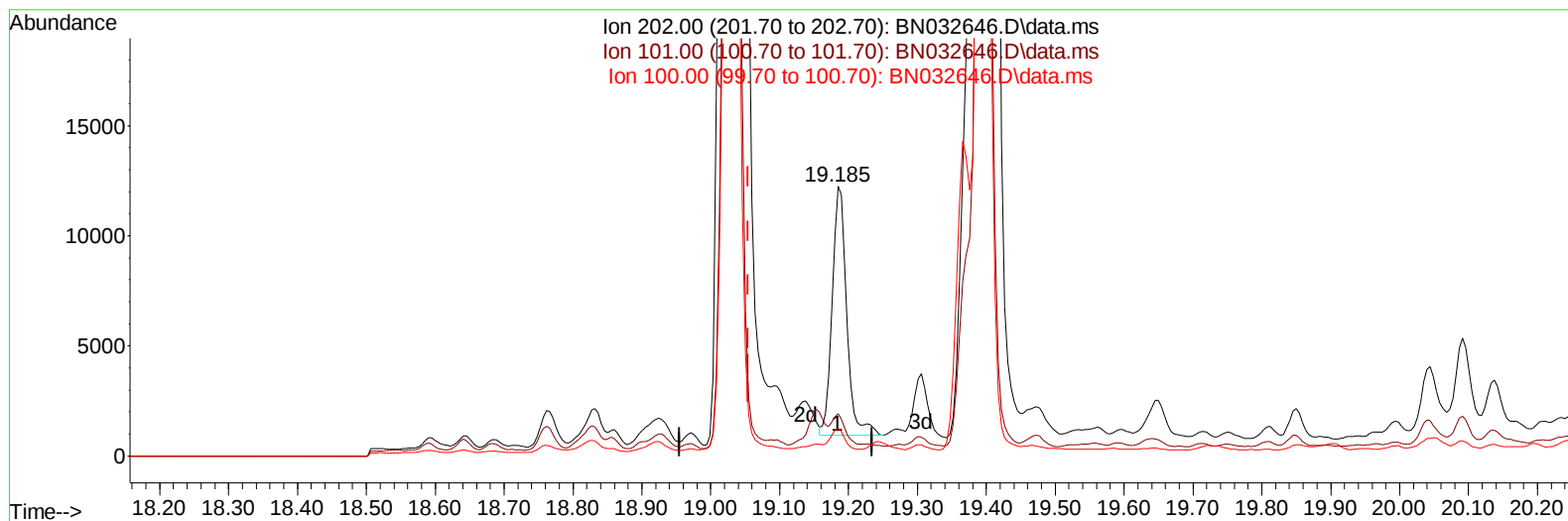
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.29 ng/u1

response 16711

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.62#
100.00	9.90	10.32
0.00	0.00	0.00

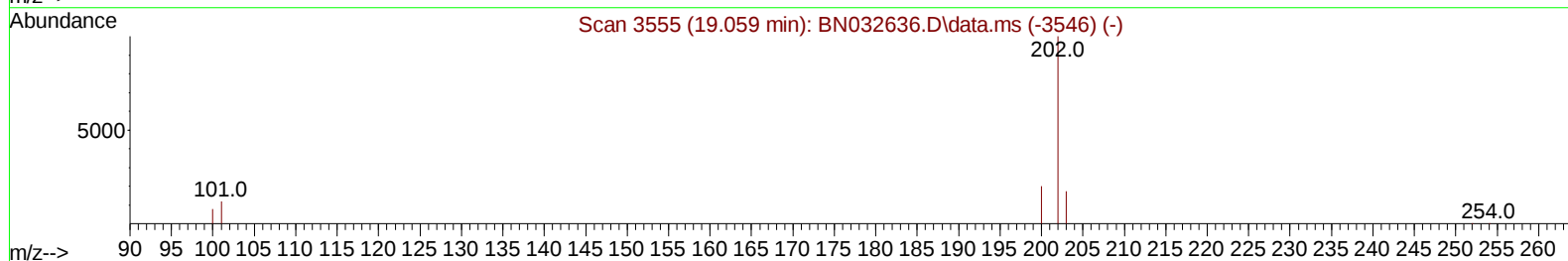
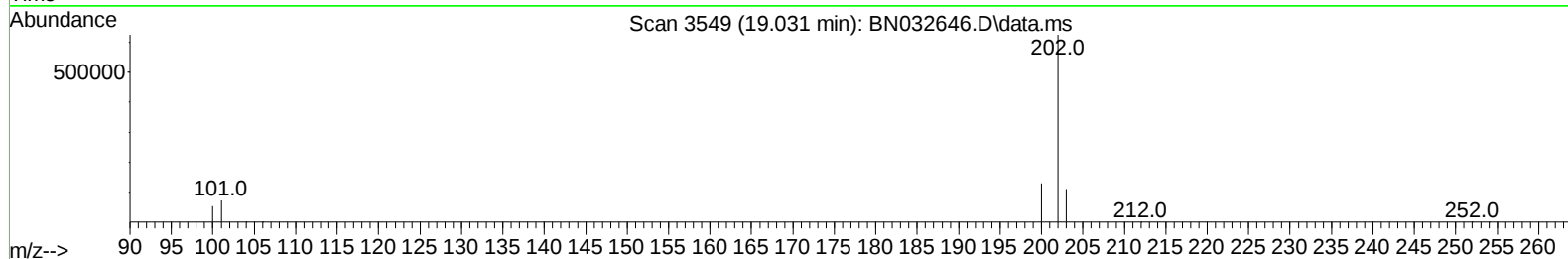
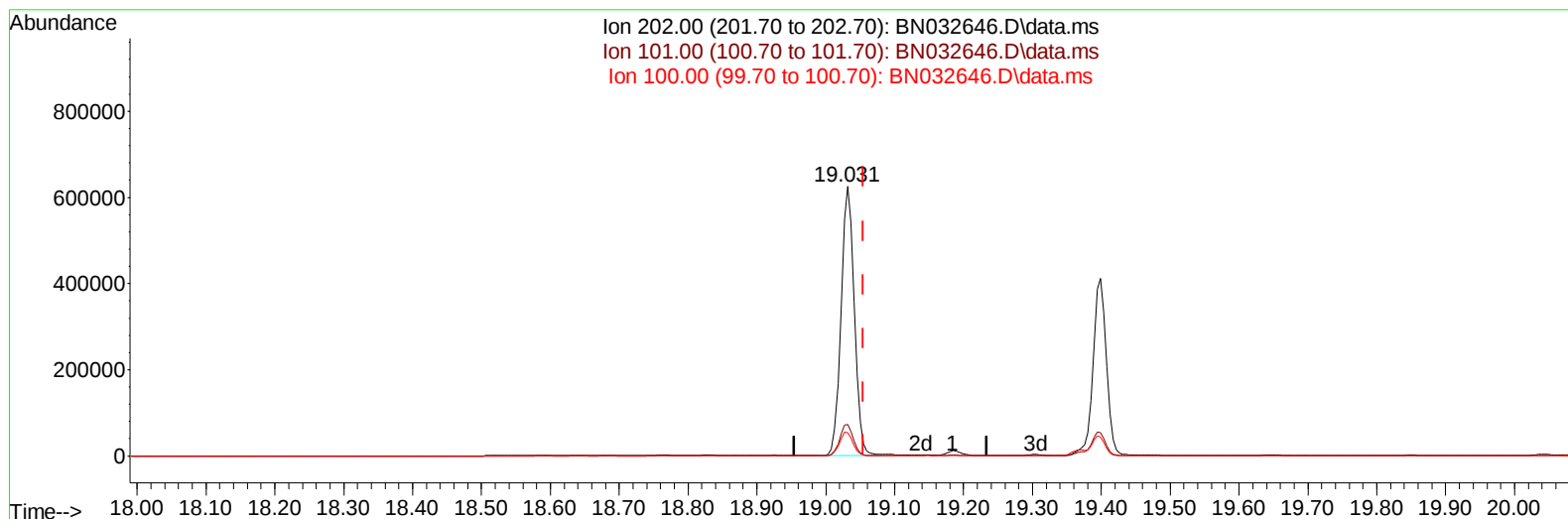
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 14.29 ng/ul m

response 835265

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.62
100.00	9.90	8.68
0.00	0.00	0.00

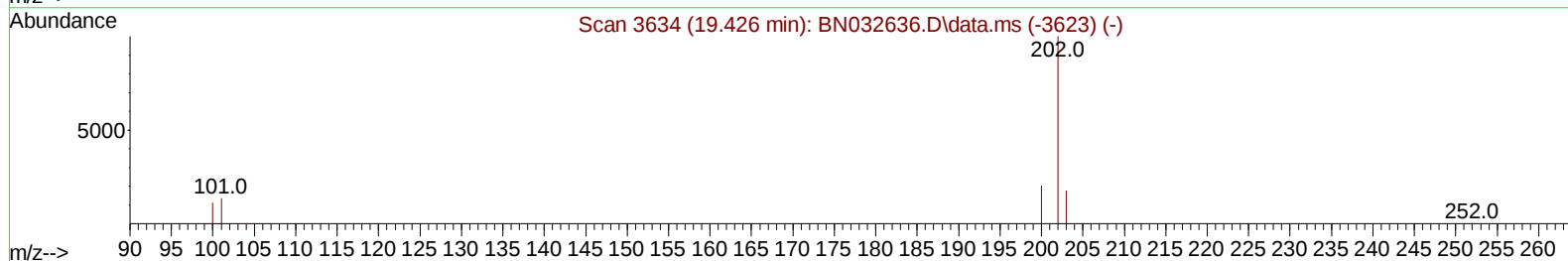
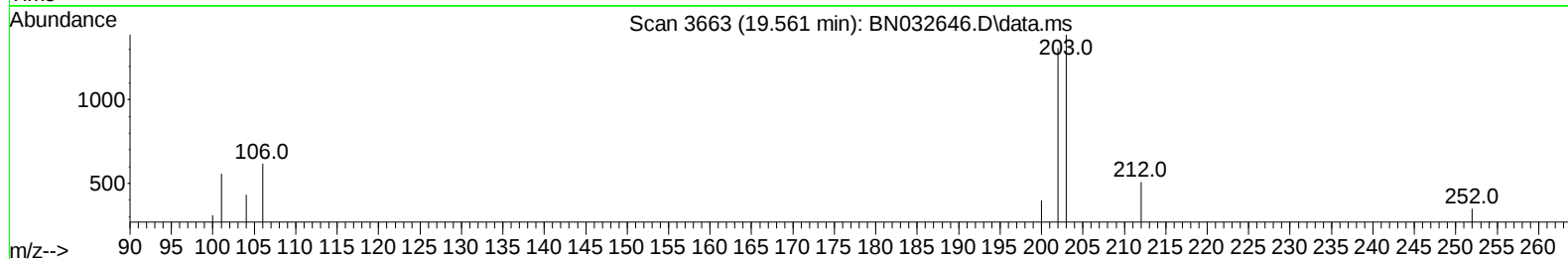
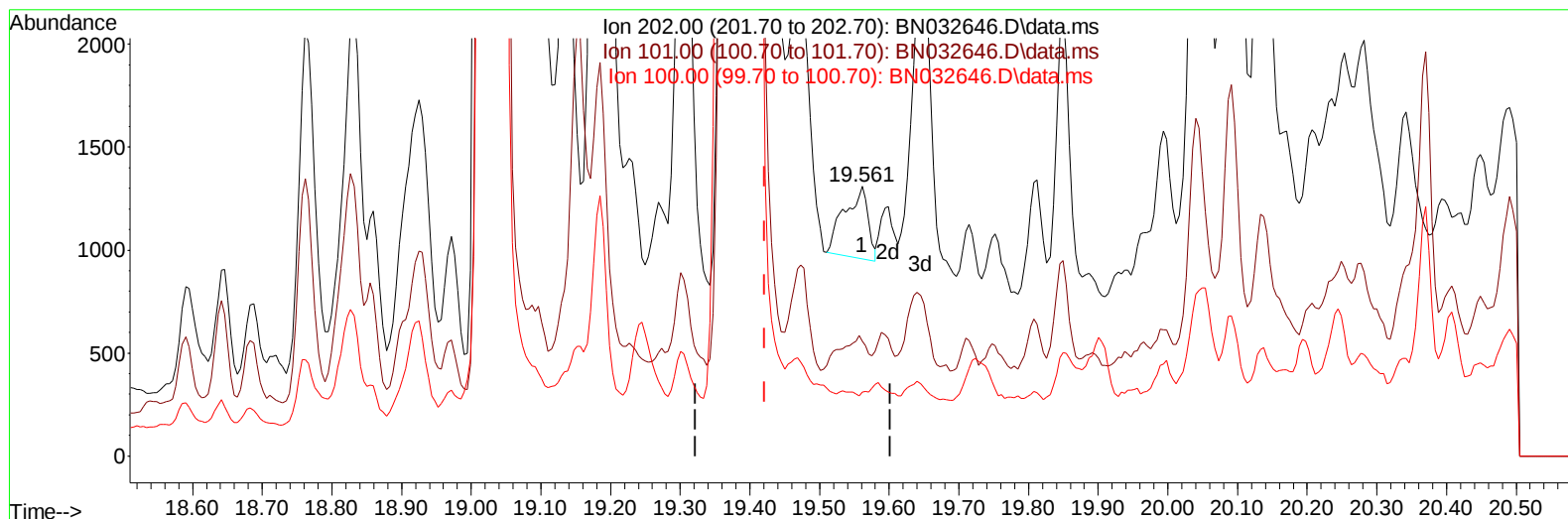
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(20) Pyrene

19.561min (+ 0.139) 0.01 ng/u1

response 821

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.48#
100.00	12.00	23.76#
0.00	0.00	0.00

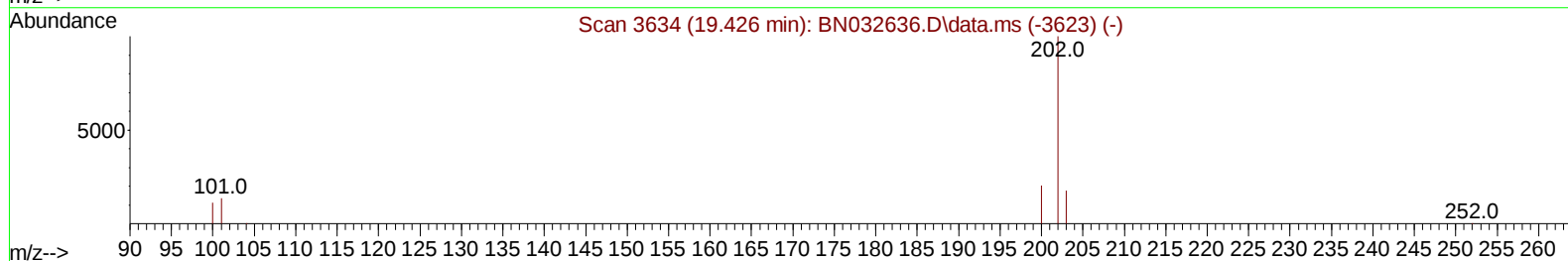
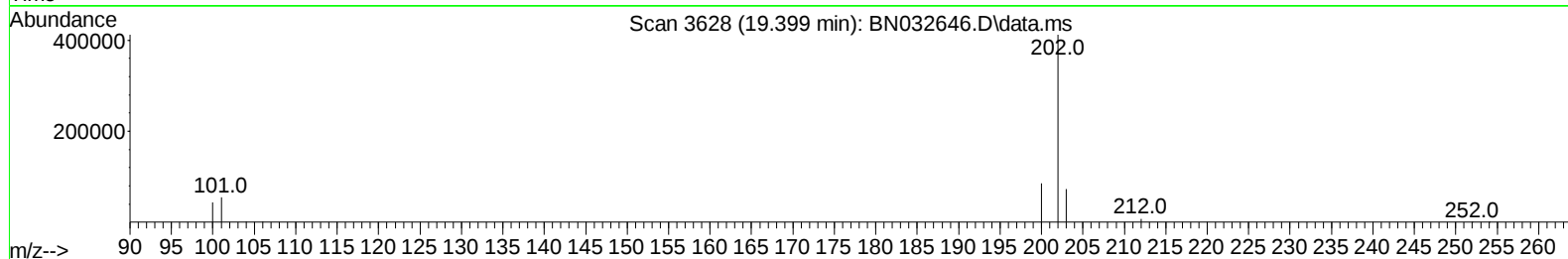
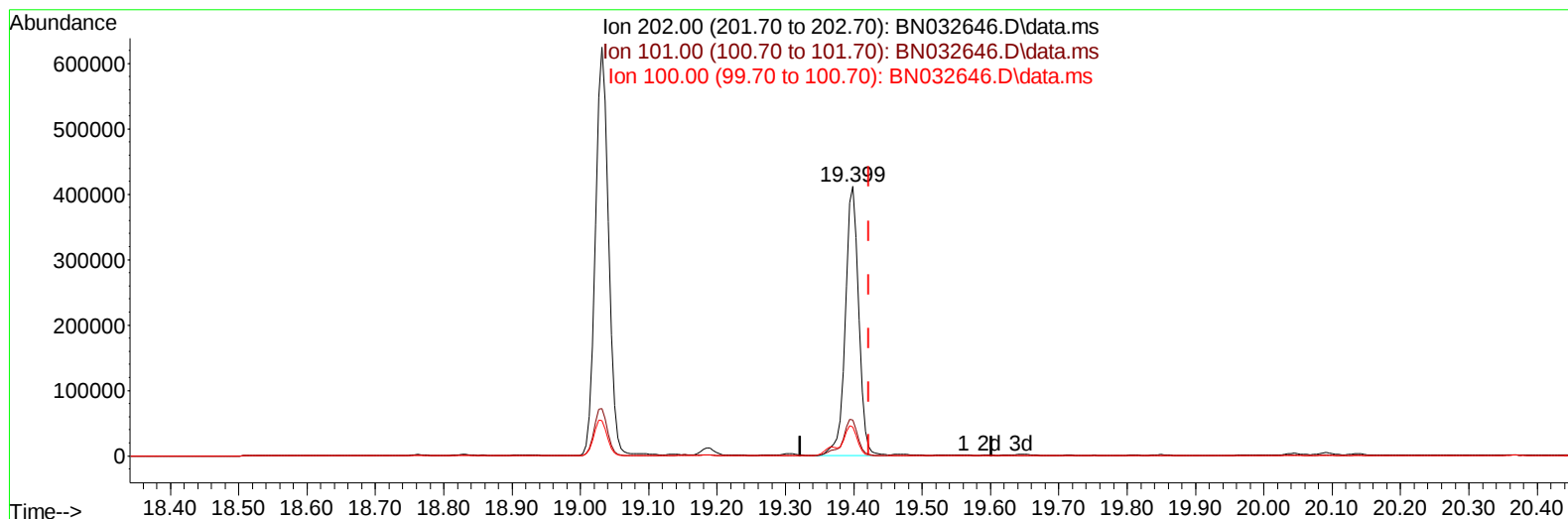
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(20) Pyrene

19.399min (-0.023) 9.31 ng/ul m

response 563079

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.24
100.00	12.00	10.67
0.00	0.00	0.00

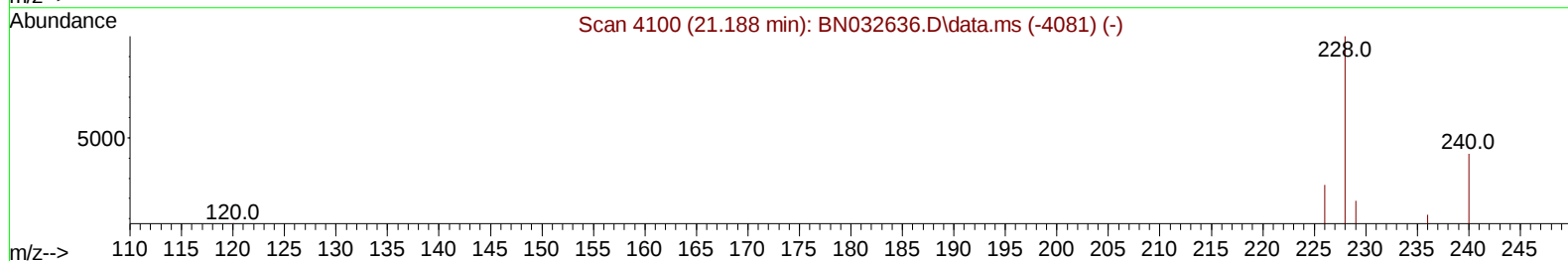
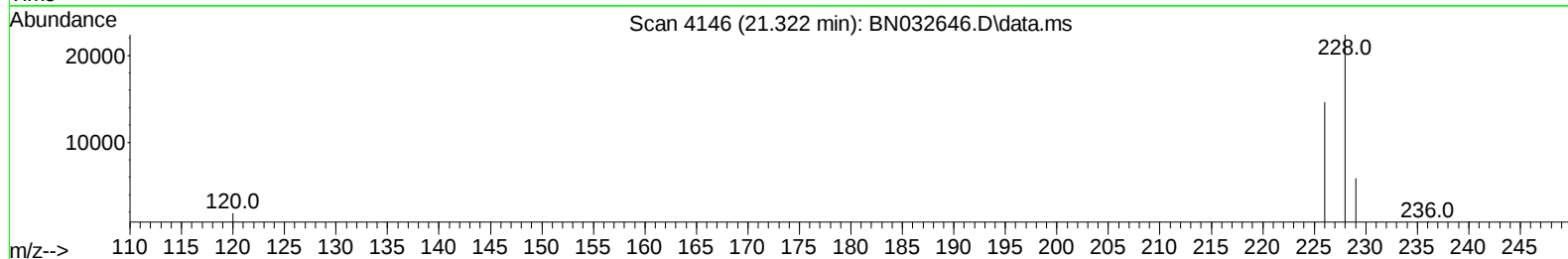
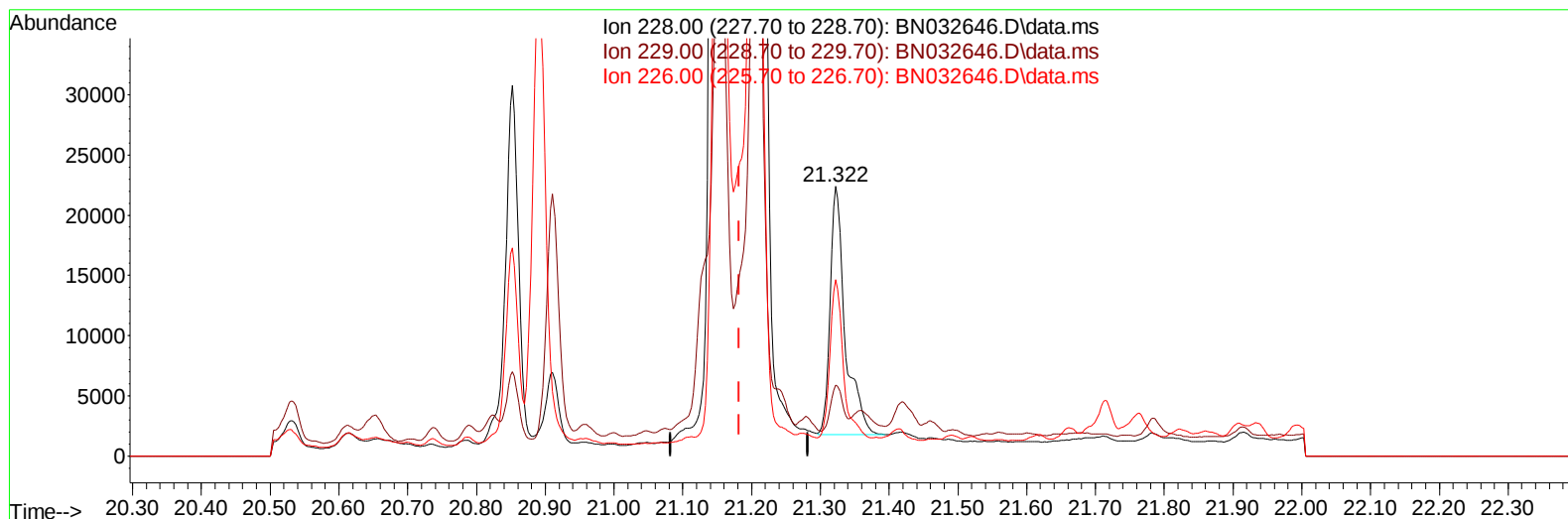
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(21) Benzo(a)anthracene

21.322min (+ 0.140) 0.68 ng/u1

response 31295

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.38#
226.00	27.40	65.43#
0.00	0.00	0.00

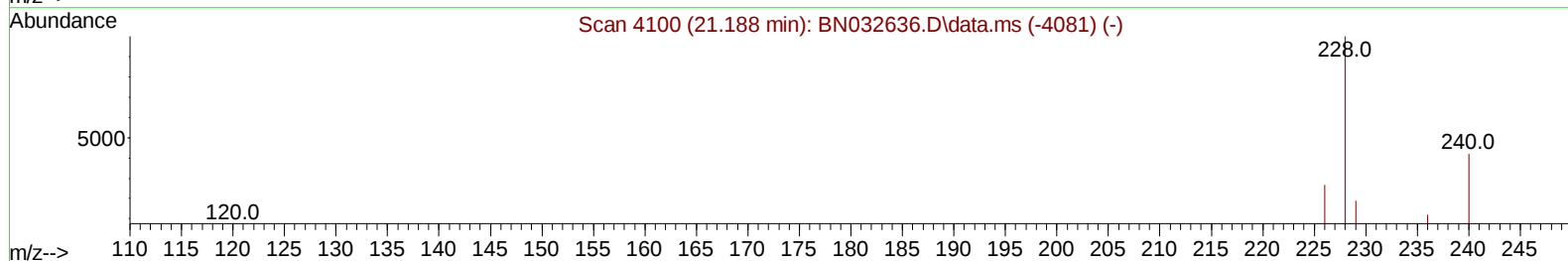
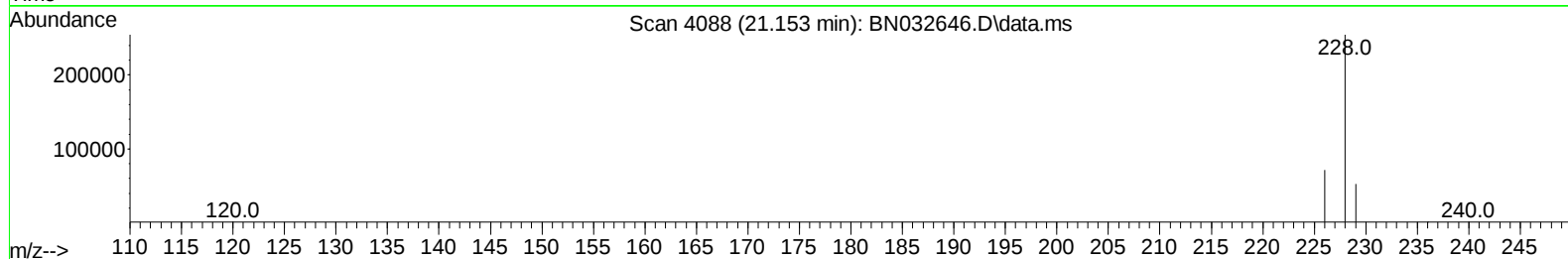
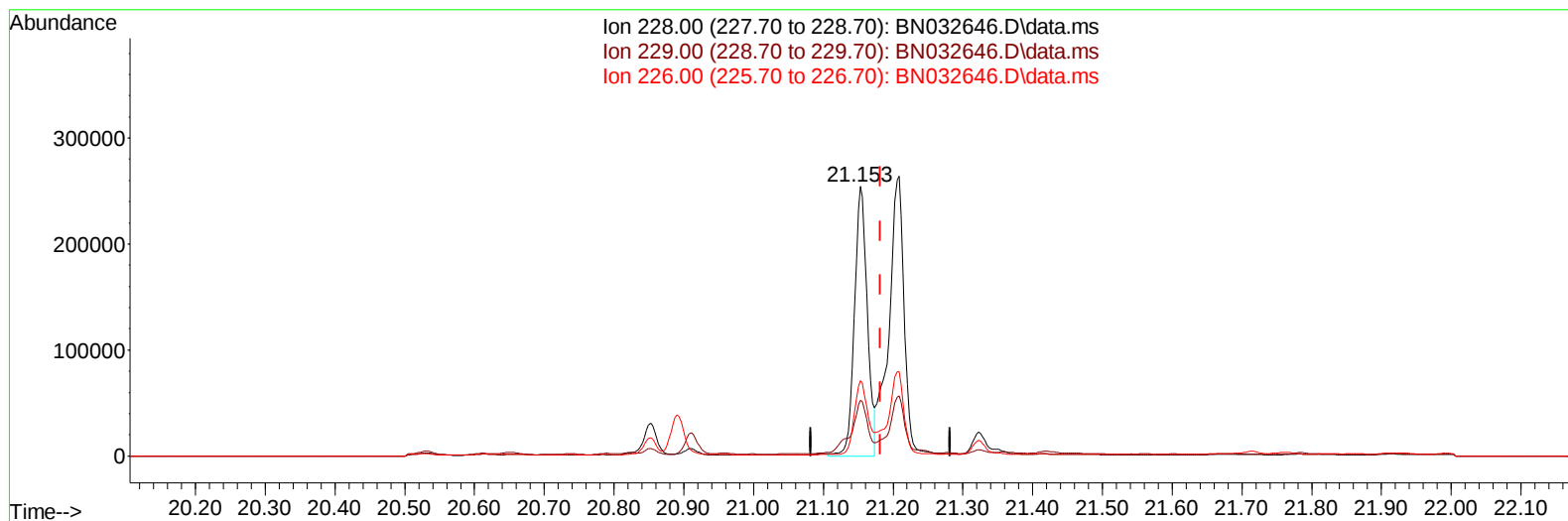
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.029) 7.15 ng/u1 m

response 327113

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.69
226.00	27.40	28.00
0.00	0.00	0.00

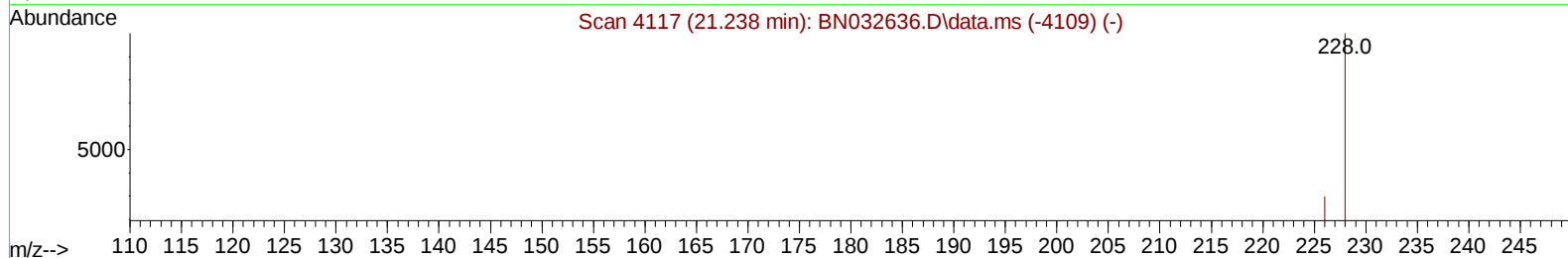
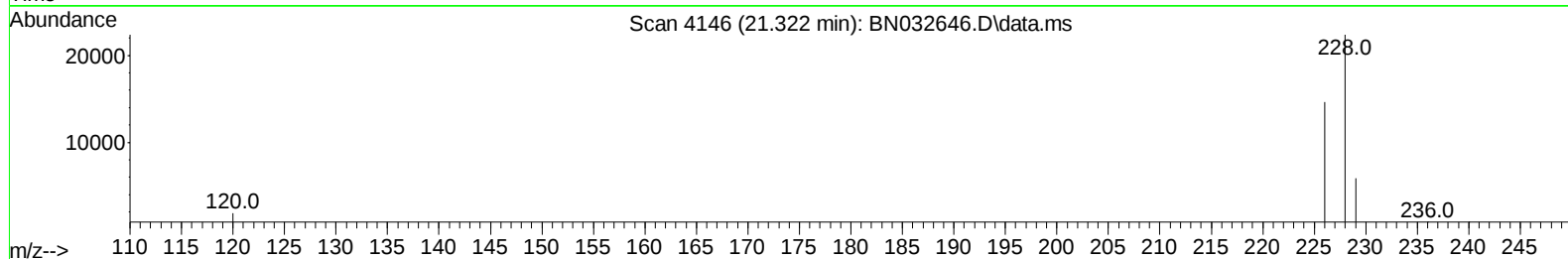
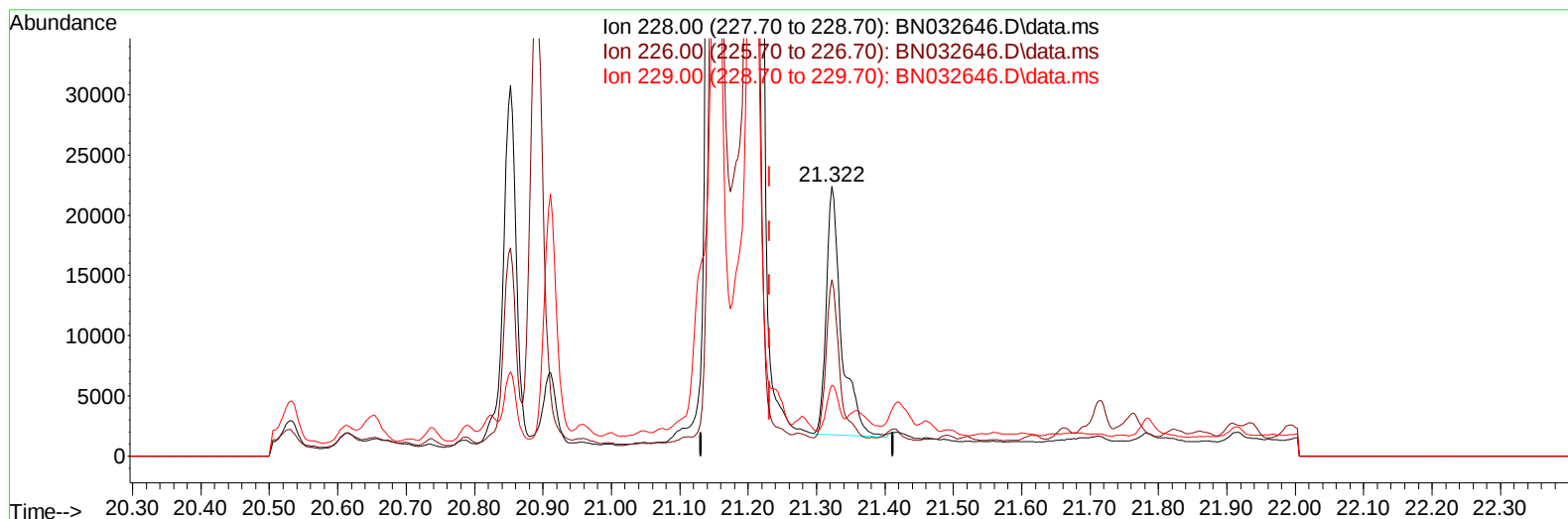
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032646.D\data.ms

(22) Chrysene

21.322min (+ 0.091) 0.48 ng/u1

response 31907

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	65.43#
229.00	19.70	26.38#
0.00	0.00	0.00

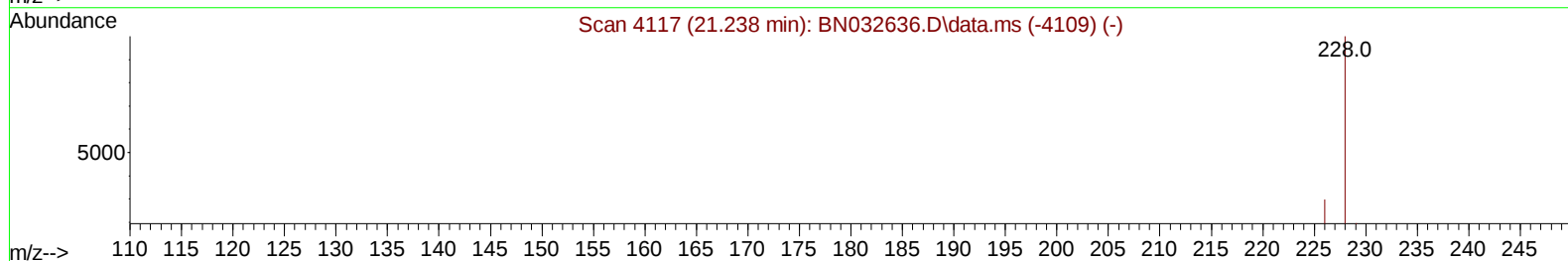
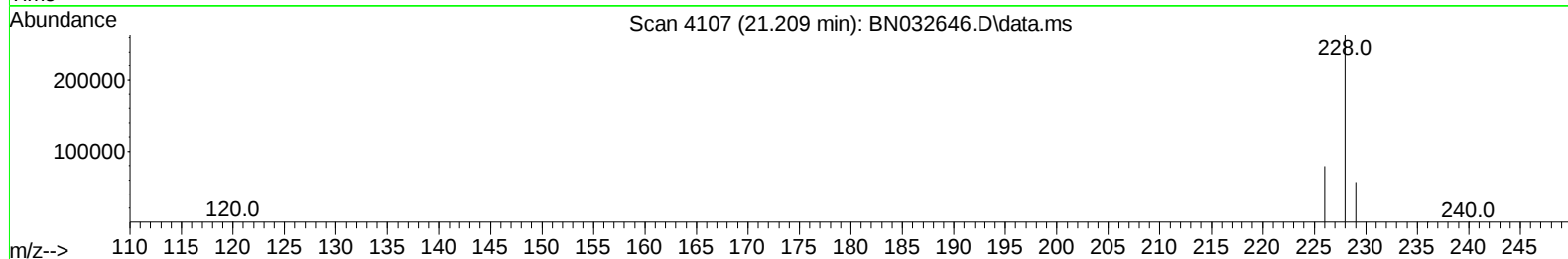
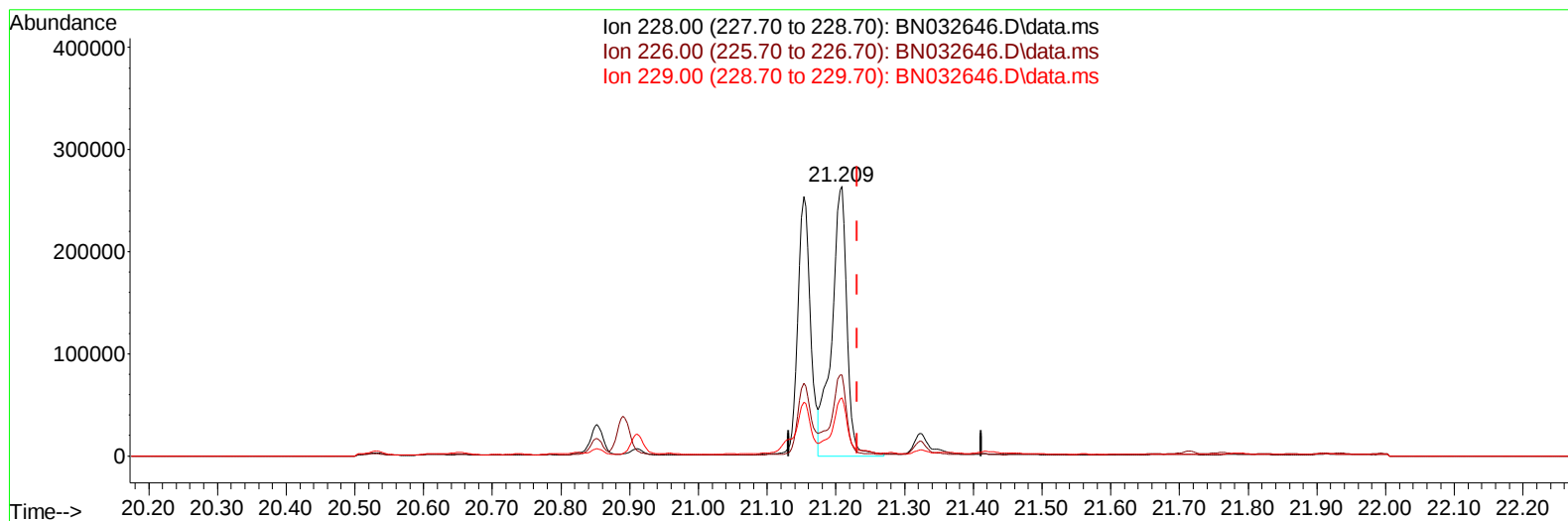
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(22) Chrysene

21.209min (-0.023) 6.17 ng/ul m

response 408610

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.03
229.00	19.70	21.51
0.00	0.00	0.00

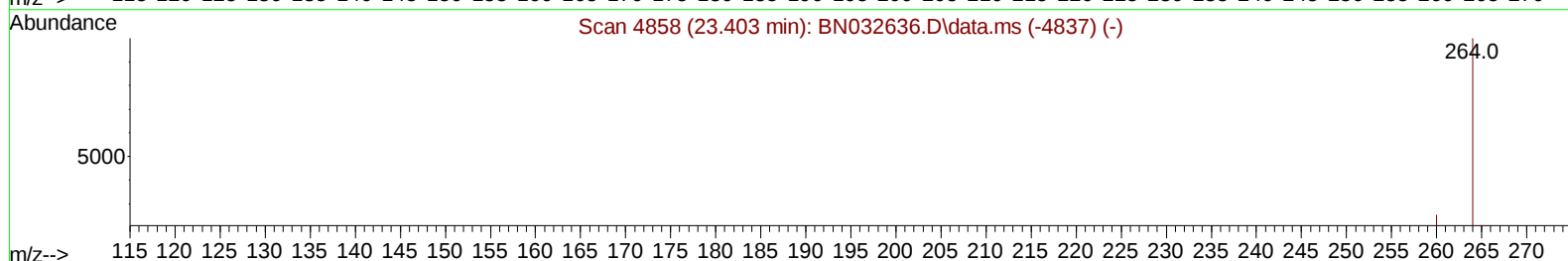
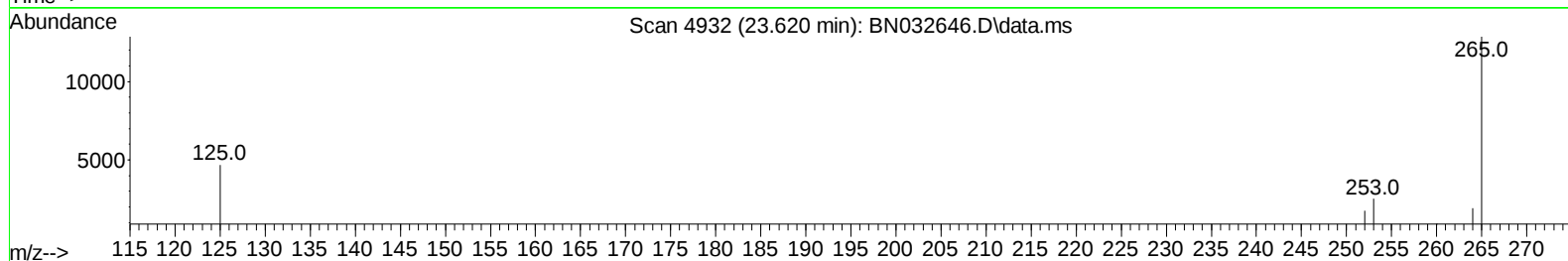
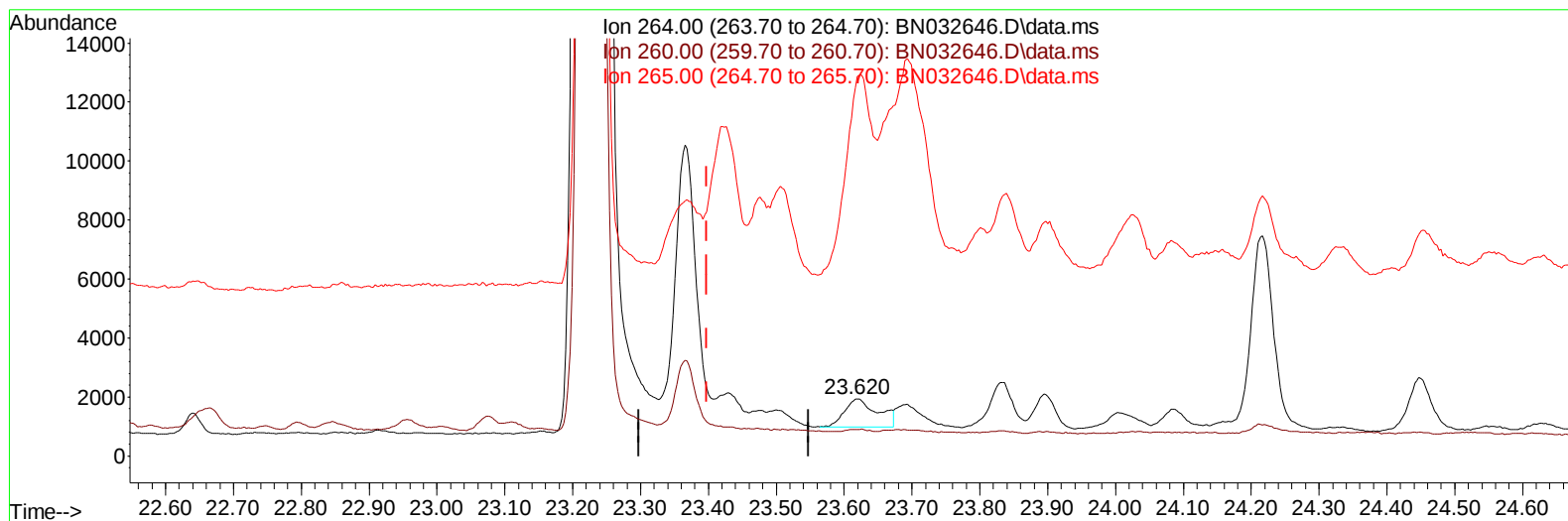
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(23) Perylene-d12 (I)

23.620min (+ 0.222) 0.40 ng/u1

response 3264

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	46.70#
265.00	95.50	664.09#
0.00	0.00	0.00

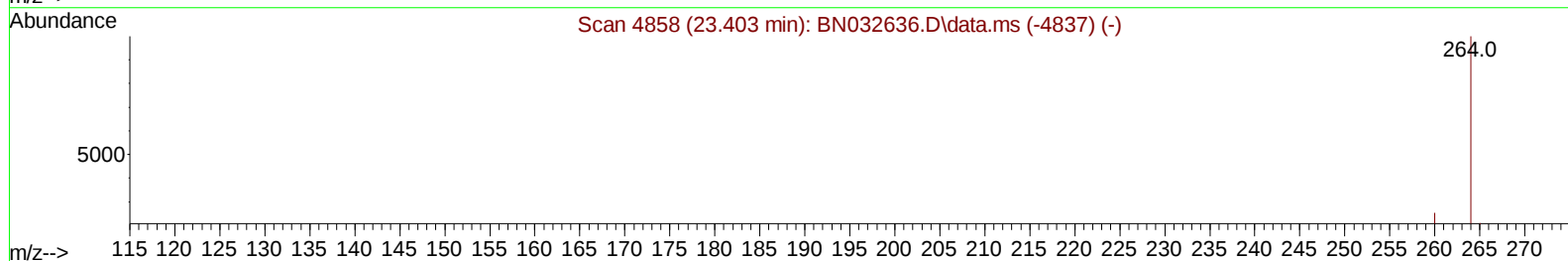
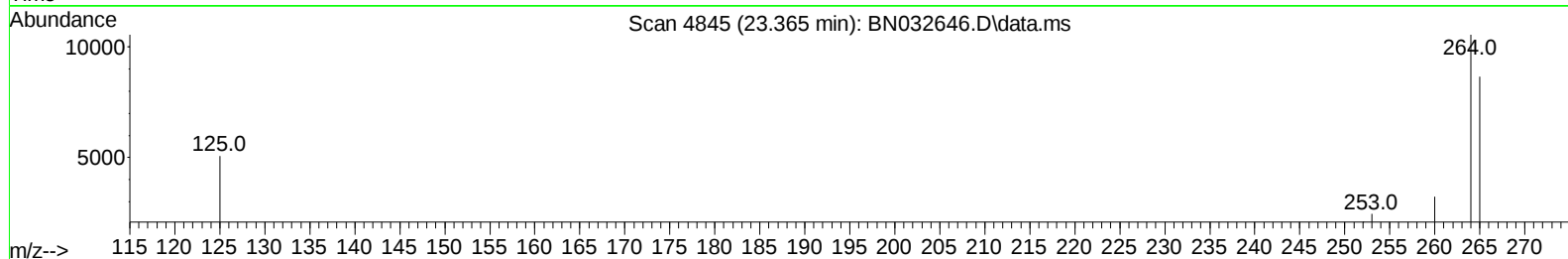
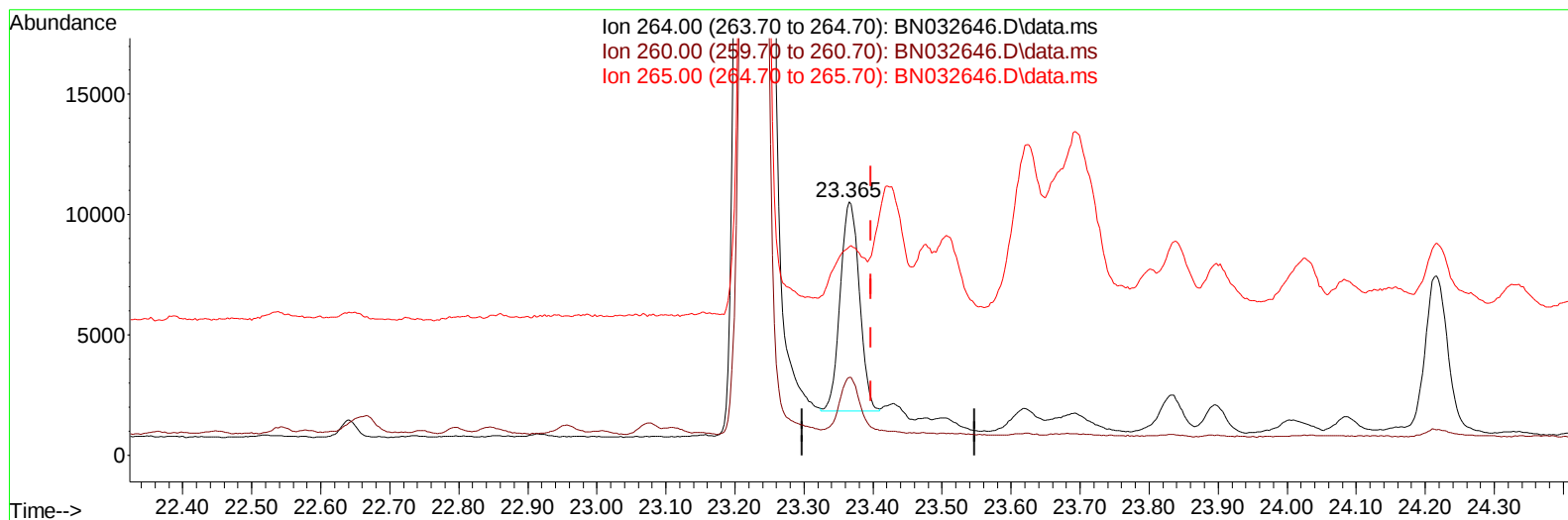
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.032) 0.40 ng/ul m

response 16806

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	30.77
265.00	95.50	82.13
0.00	0.00	0.00

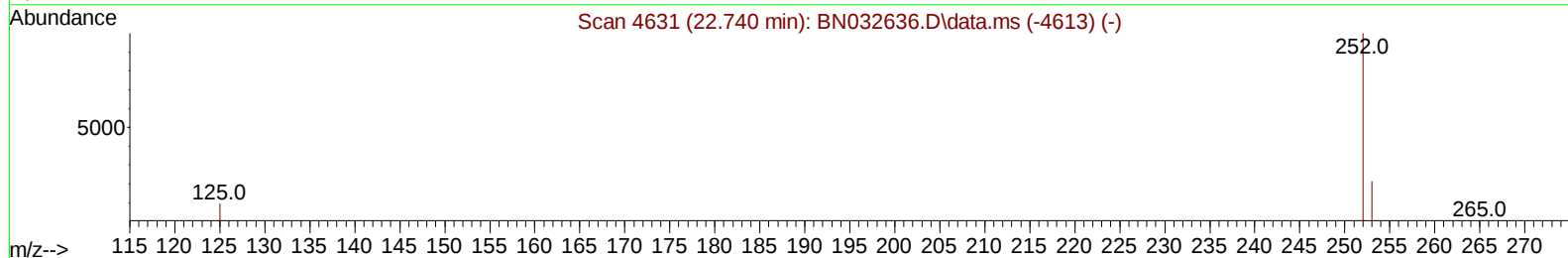
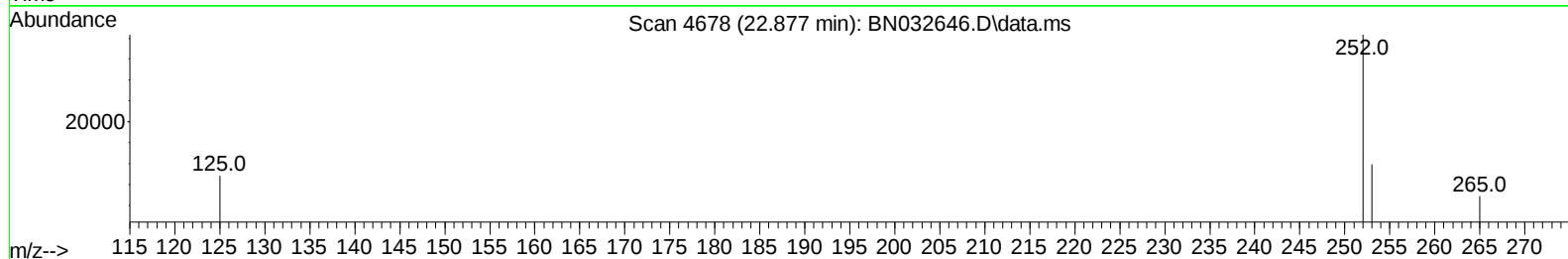
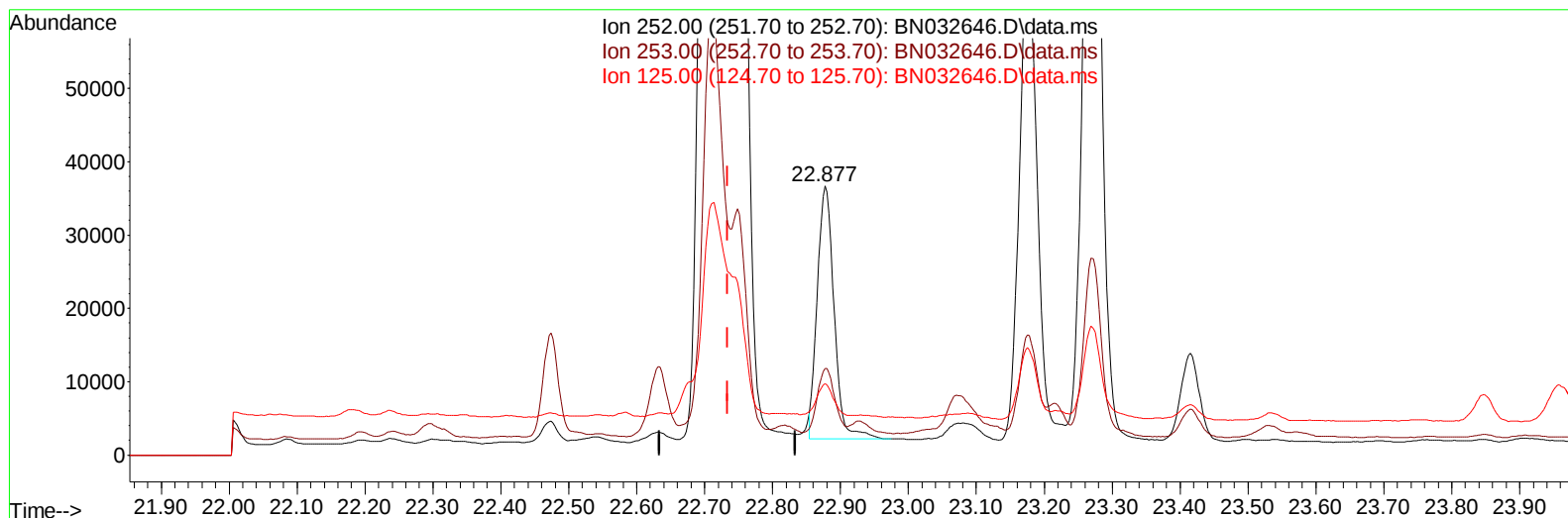
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(24) Benzo(b)fluoranthene

22.877min (+ 0.143) 1.00 ng/u1

response 59367

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.27
125.00	18.00	26.49
0.00	0.00	0.00

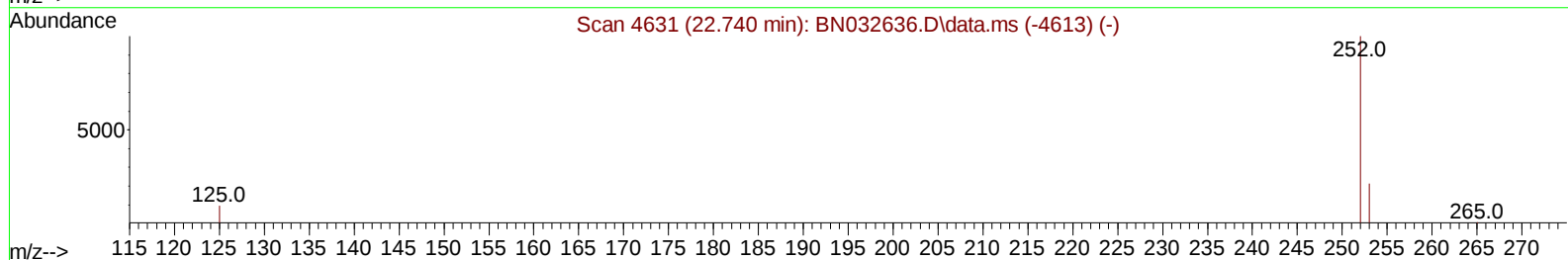
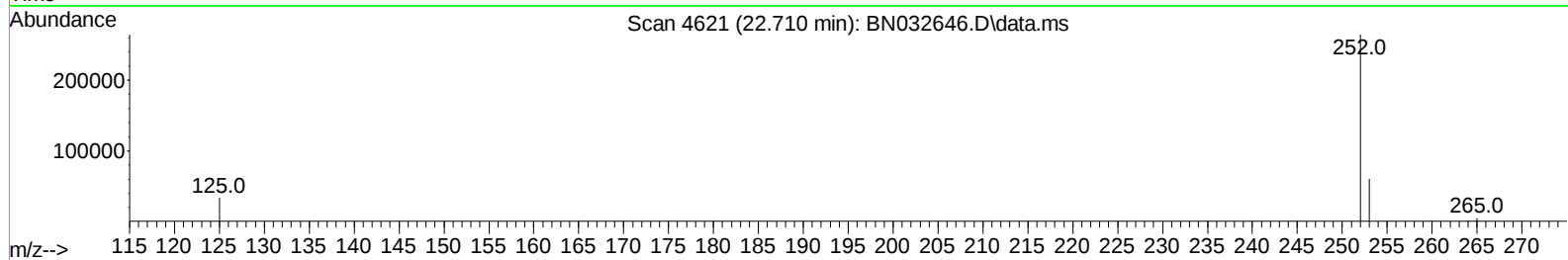
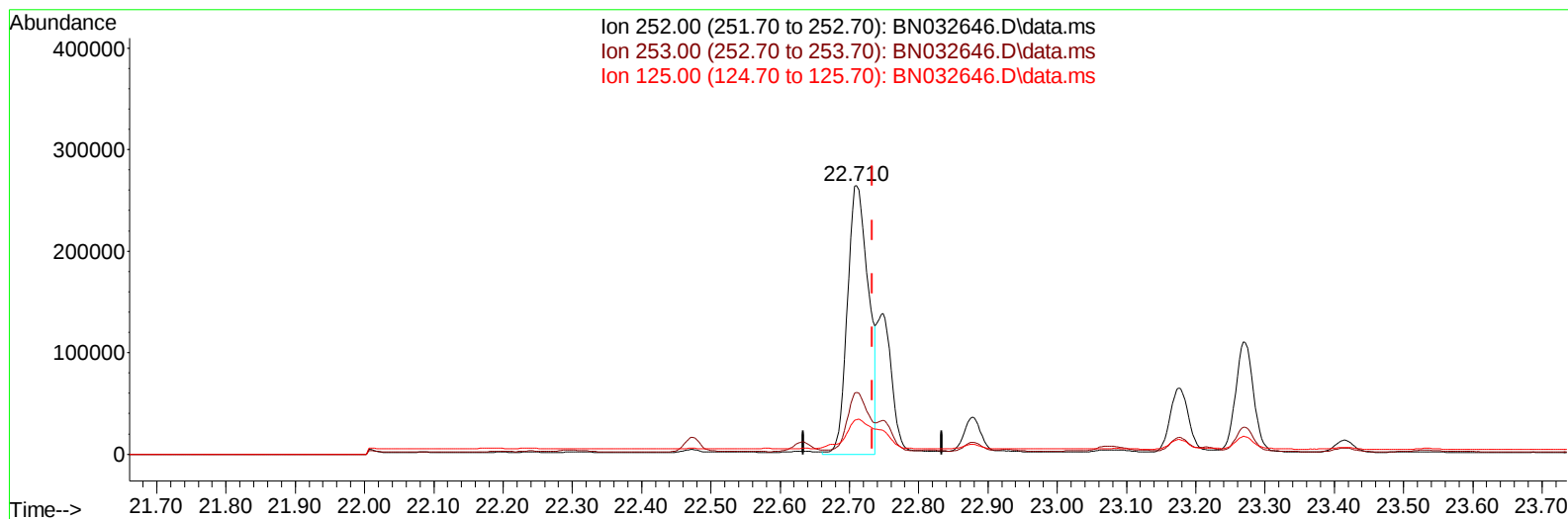
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.023) 9.47 ng/ul m

response 561664

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.93
125.00	18.00	12.96
0.00	0.00	0.00

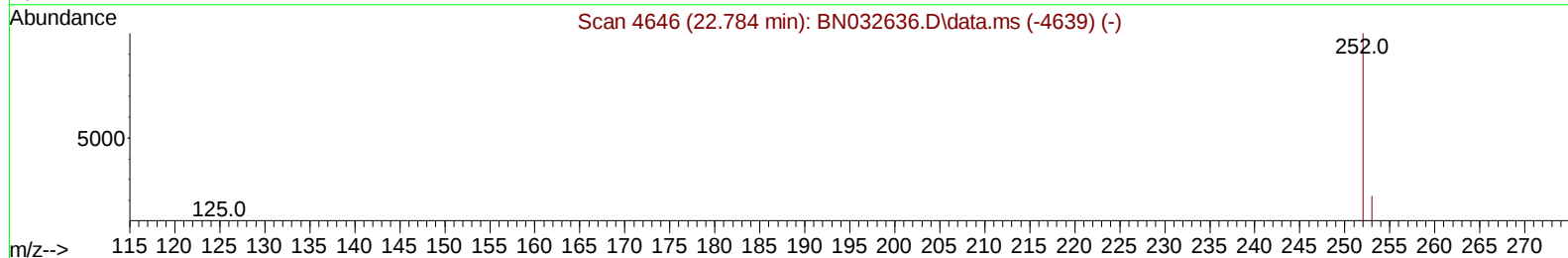
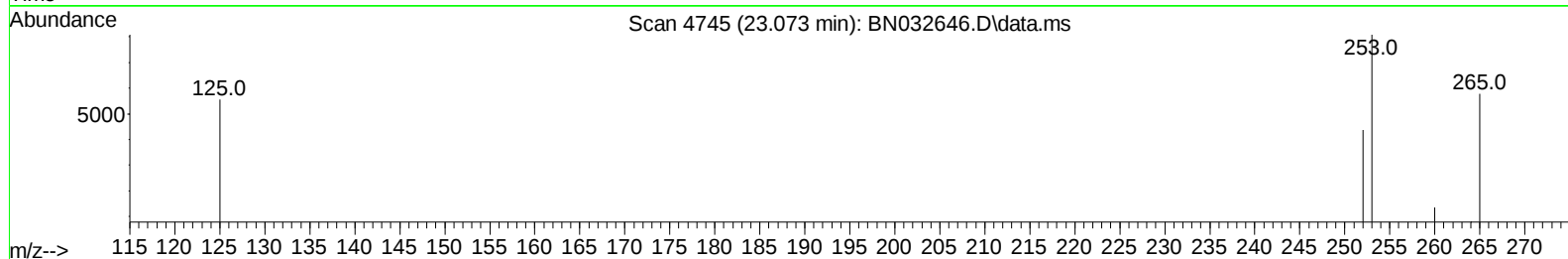
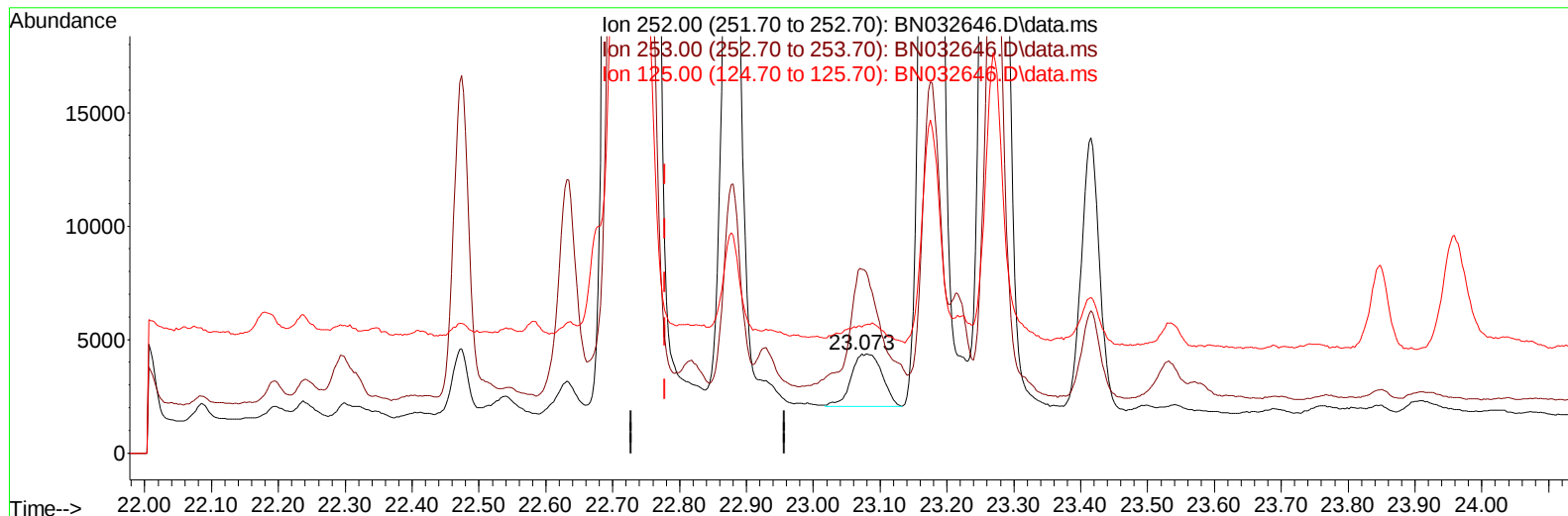
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(25) Benzo(k)fluoranthene

23.073min (+ 0.295) 0.10 ng/u1

response 7459

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	184.82#
125.00	18.50	127.07#
0.00	0.00	0.00

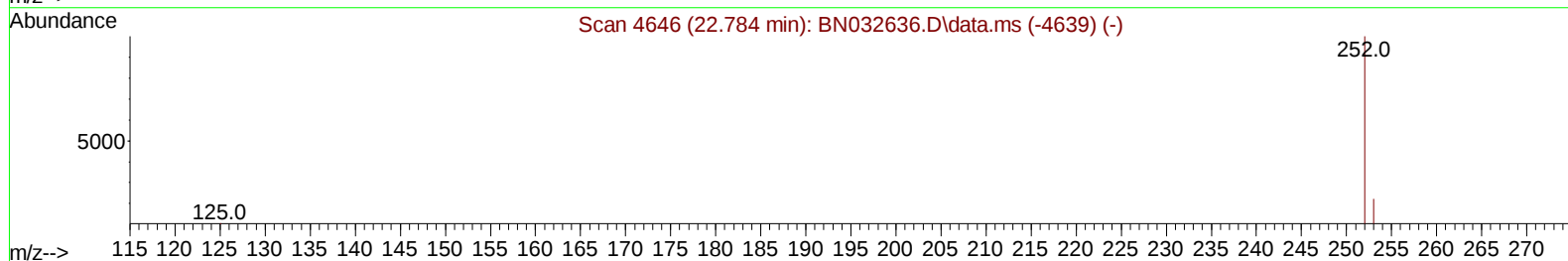
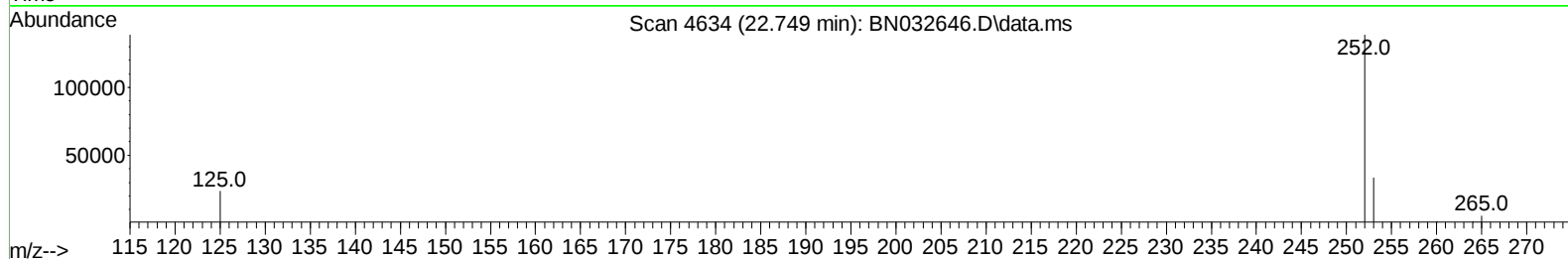
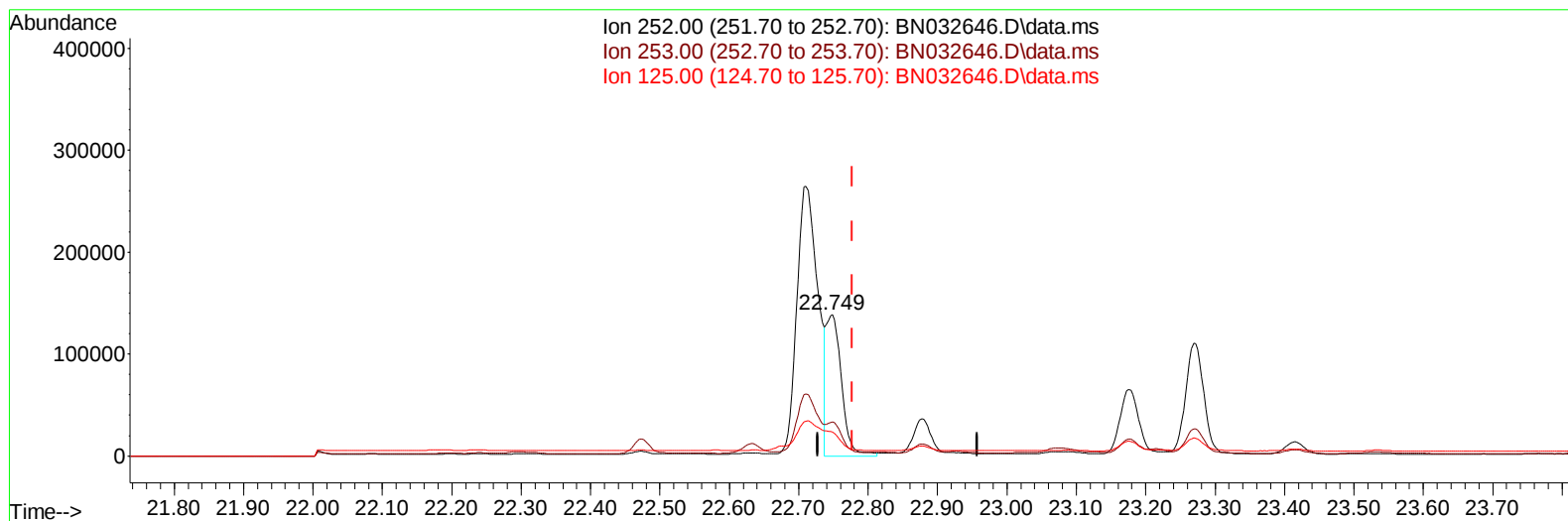
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032646.D\data.ms

(25) Benzo(k)fluoranthene

22.749min (-0.029) 2.93 ng/u1 m

response 211737

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.19
125.00	18.50	17.00
0.00	0.00	0.00

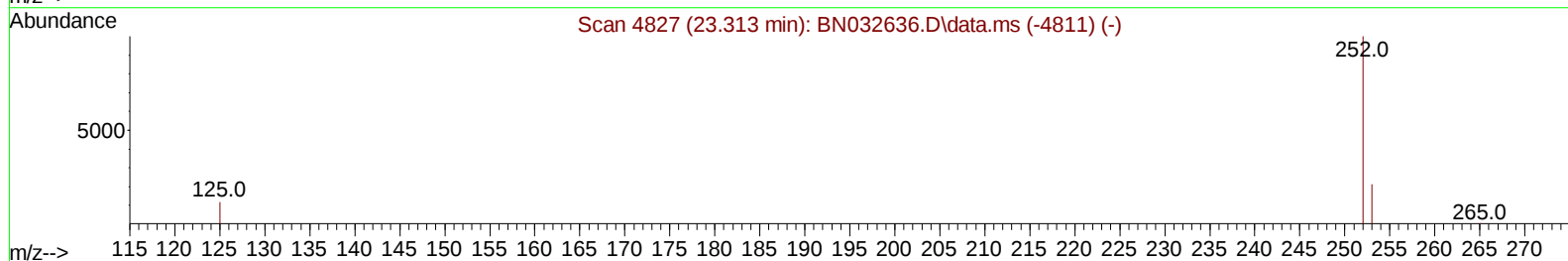
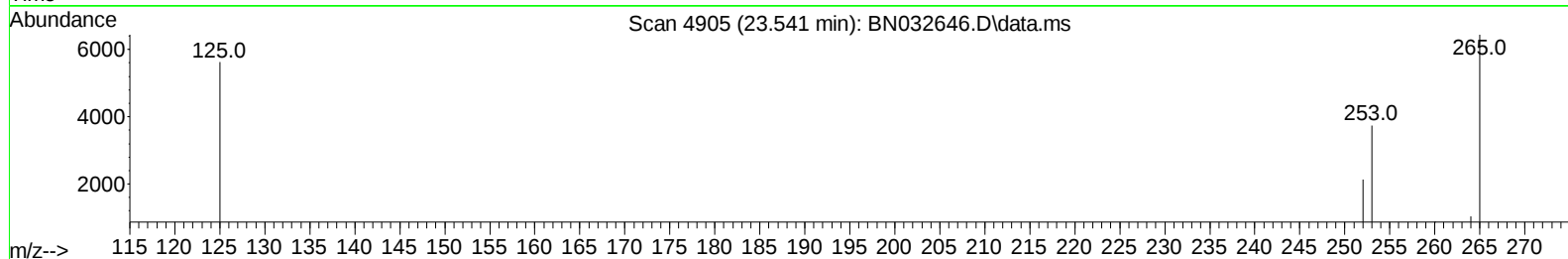
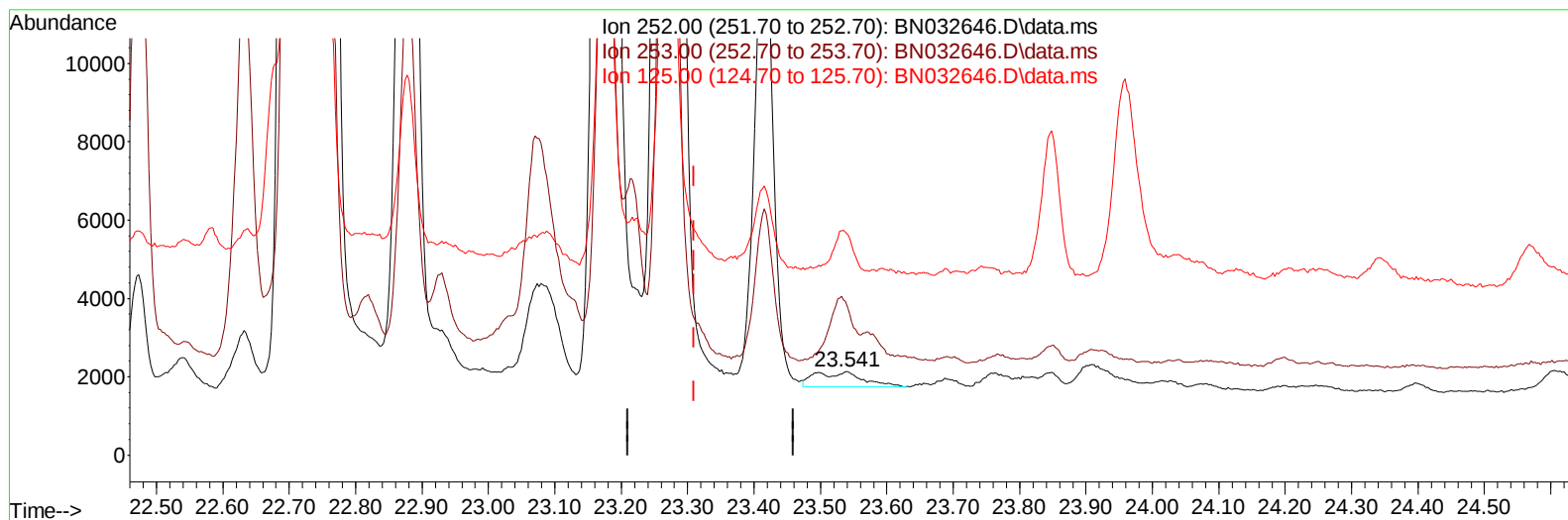
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(26) Benzo(a)pyrene (C)

23.541min (+ 0.231) 0.04 ng/u1

response 1952

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	175.34#
125.00	25.70	262.94#
0.00	0.00	0.00

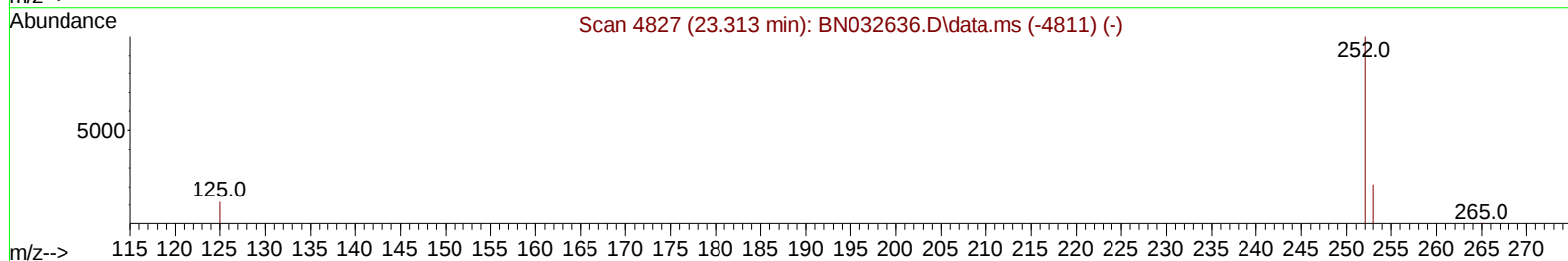
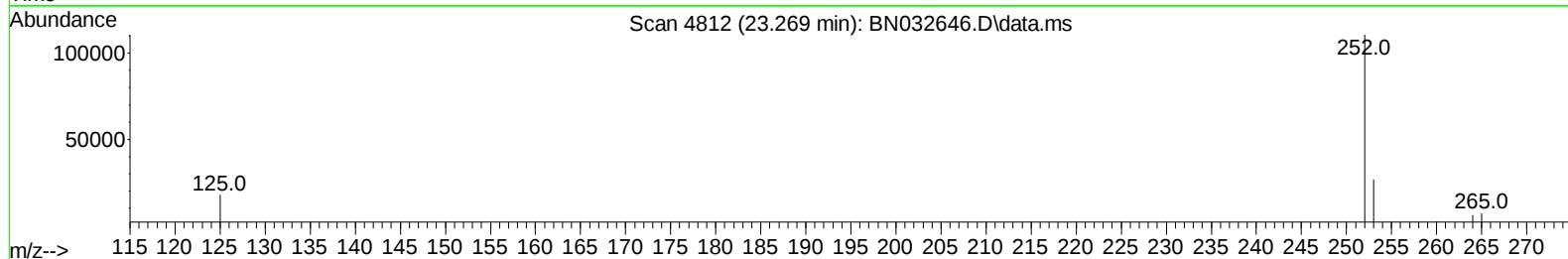
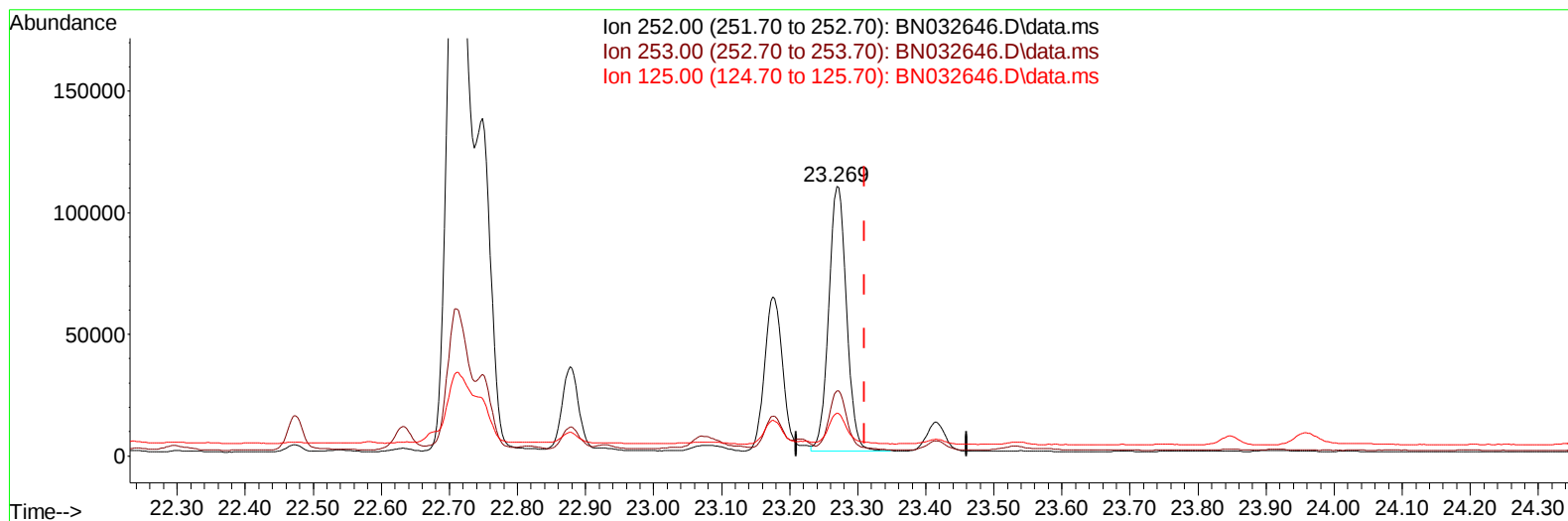
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(26) Benzo(a)pyrene (C)

23.269min (-0.041) 3.86 ng/u1 m

response 198080

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.21#
125.00	25.70	15.91#
0.00	0.00	0.00

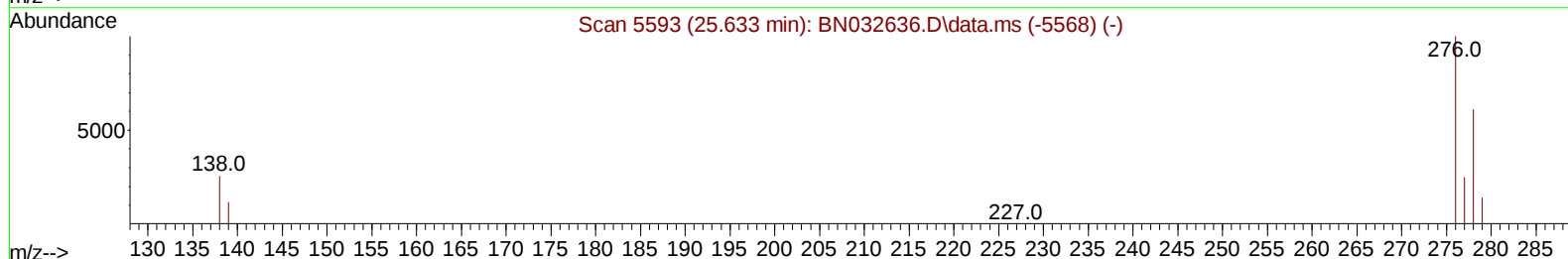
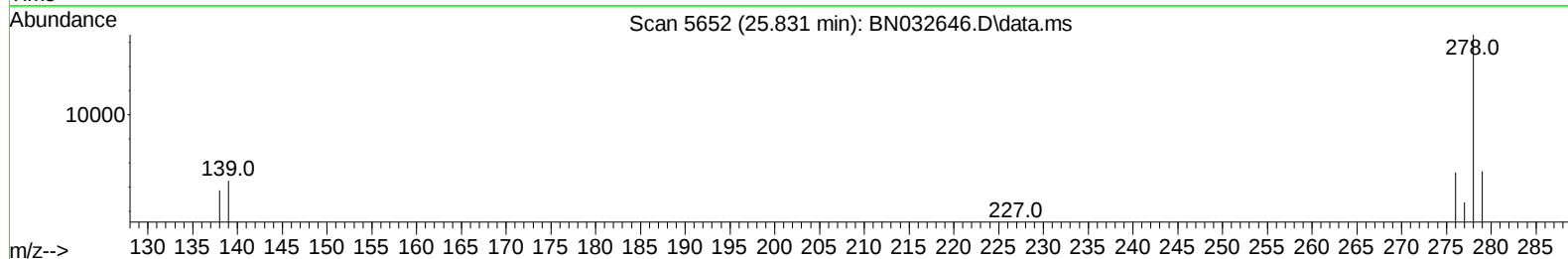
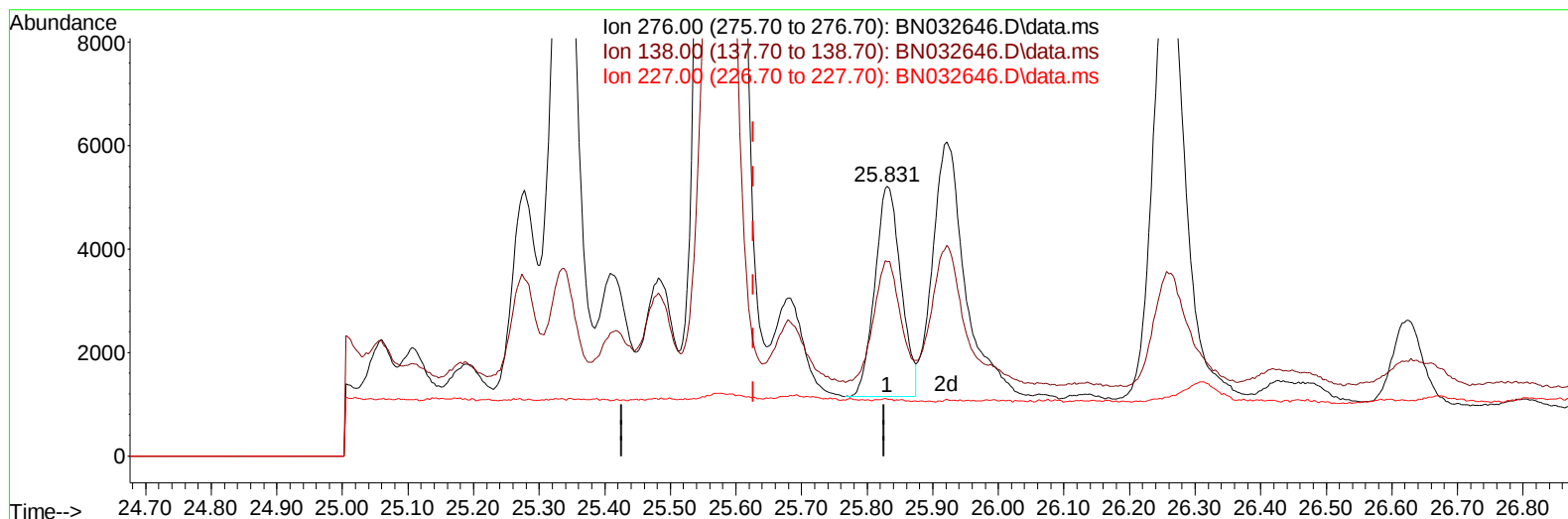
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

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

25.831min (+ 0.205) 0.16 ng/u1

response 11280

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	60.61#
227.00	0.00	1.12#
0.00	0.00	0.00

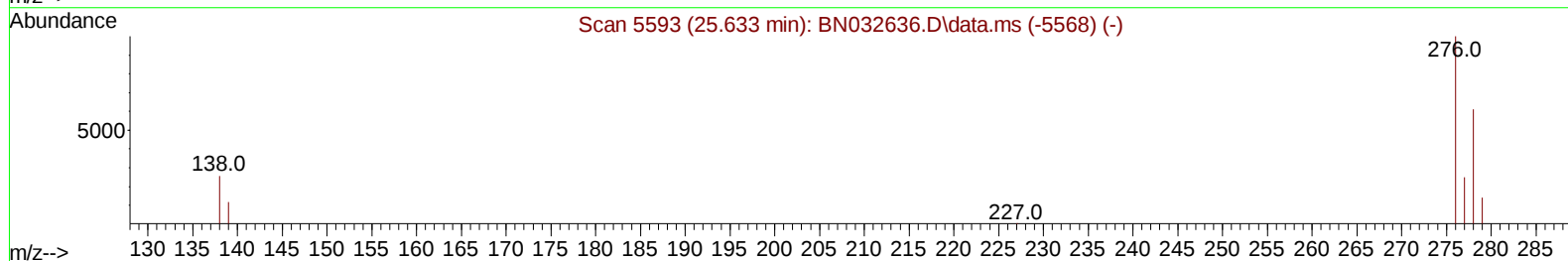
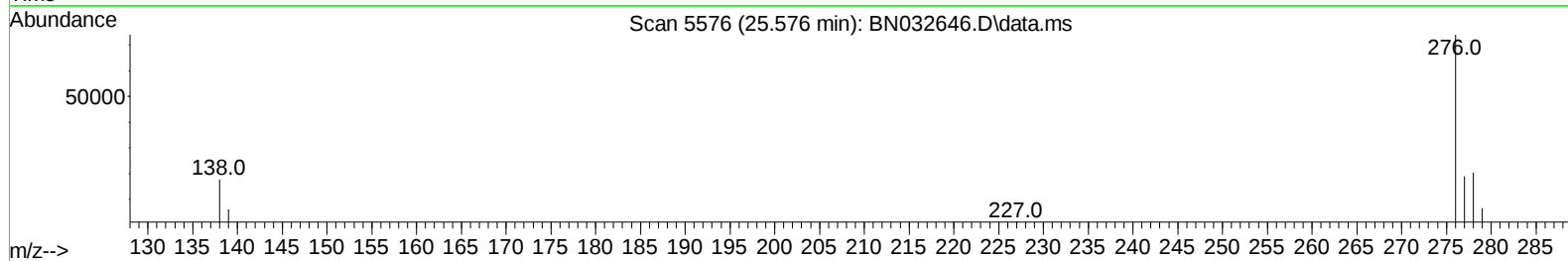
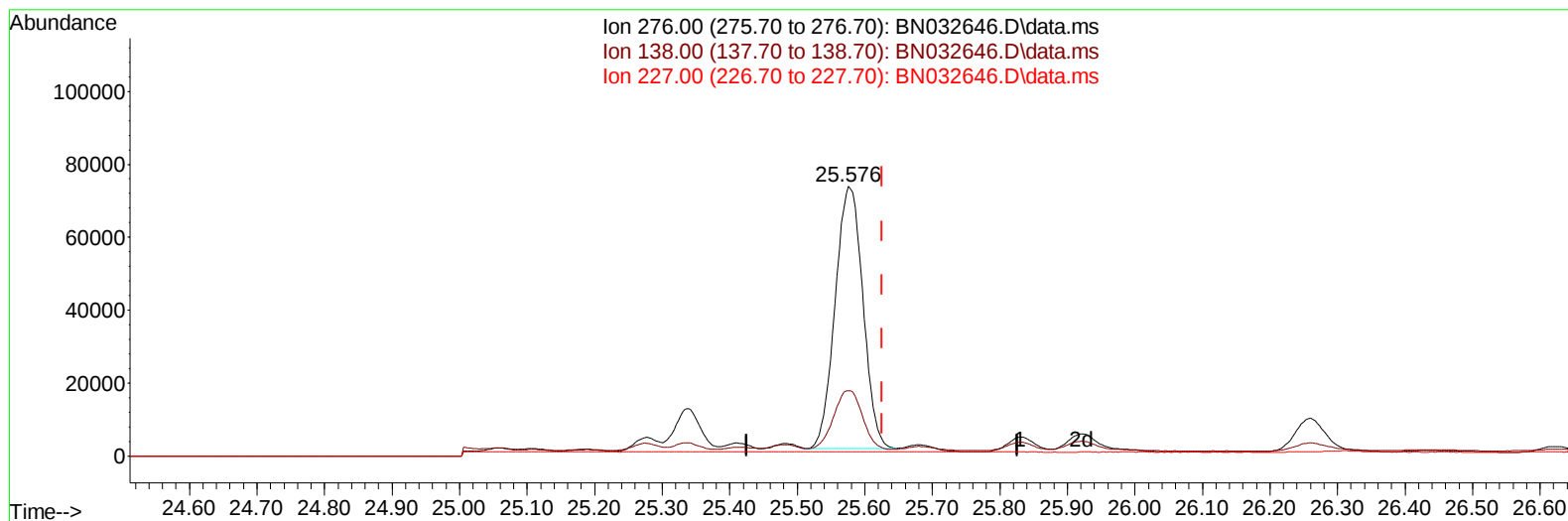
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

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

25.576min (-0.050) 2.96 ng/u1 m

response 205576

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.33#
227.00	0.00	0.06#
0.00	0.00	0.00

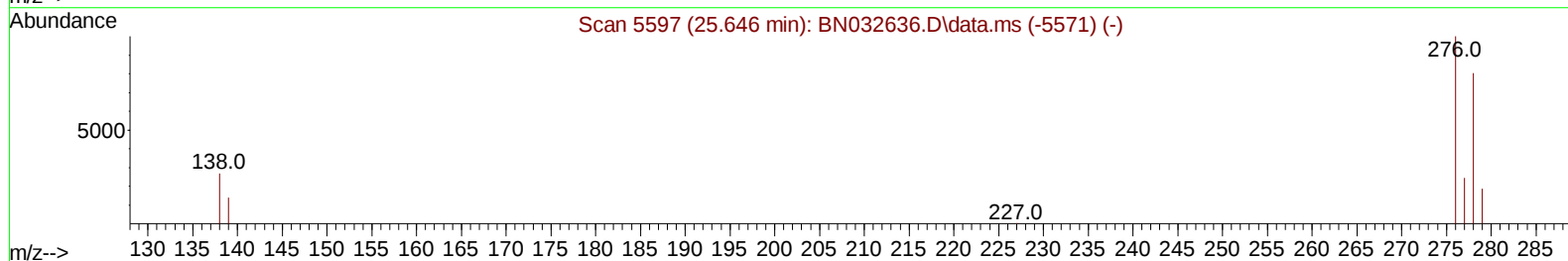
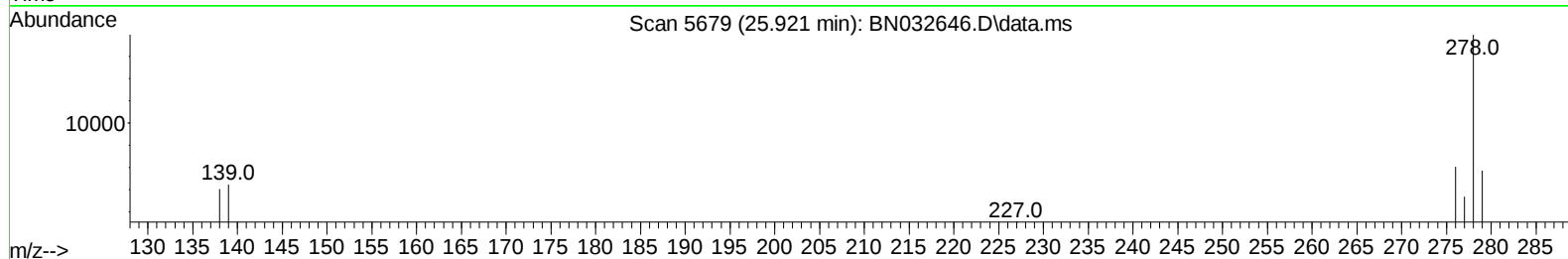
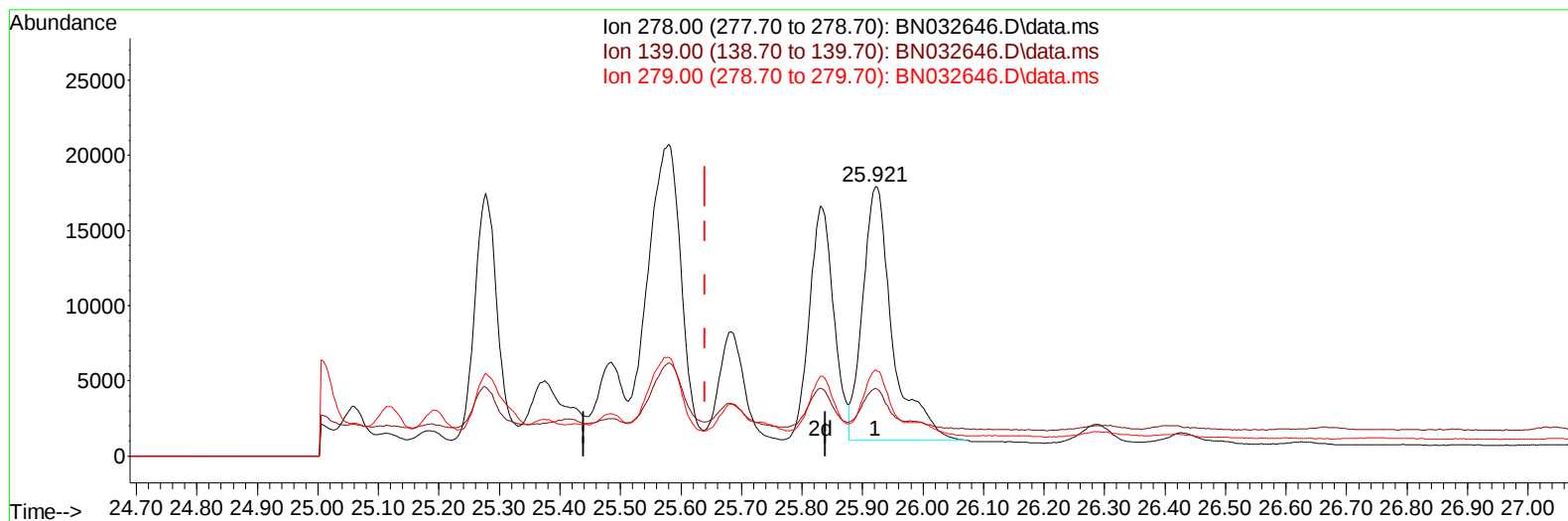
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032646.D\data.ms

(28) Dibenzo(a,h)anthracene

25.921min (+ 0.282) 1.08 ng/u1

response 58173

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	25.03#
279.00	29.60	31.93
0.00	0.00	0.00

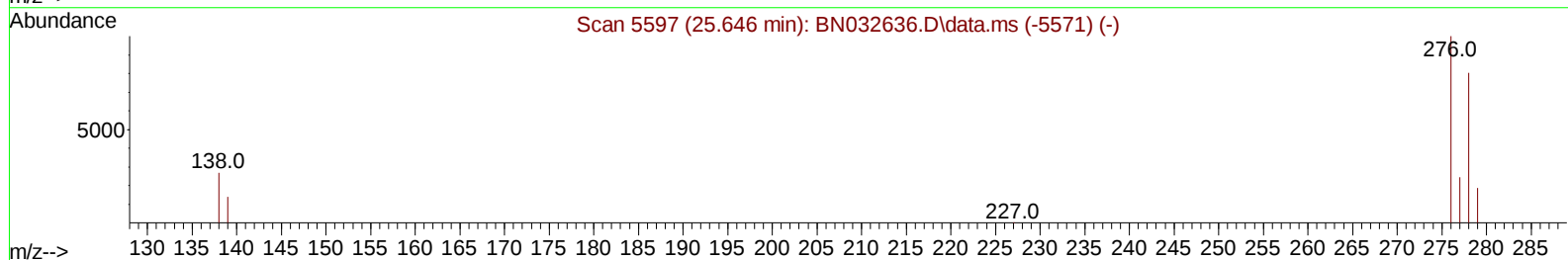
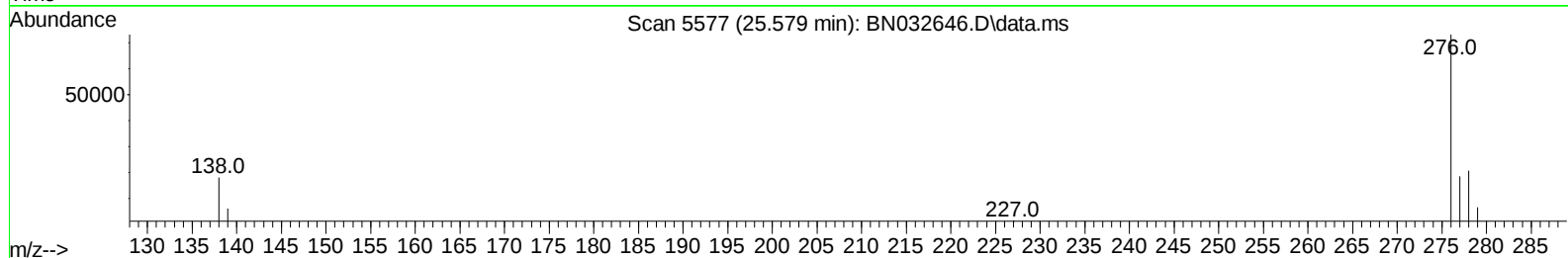
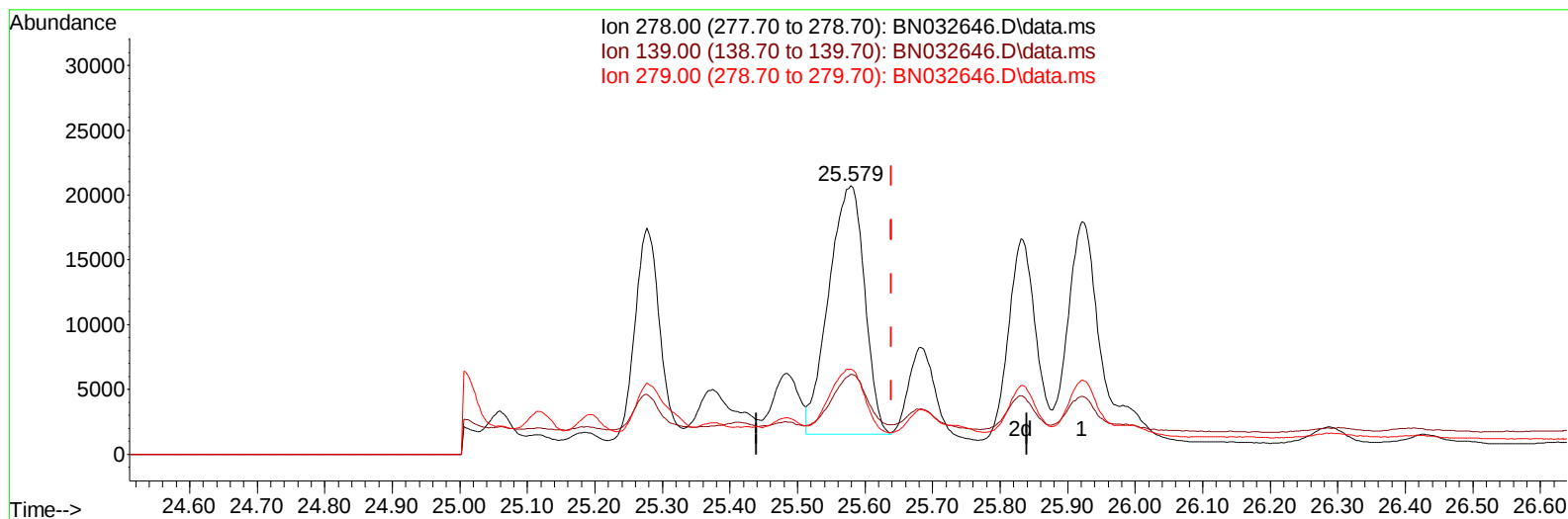
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

(28) Dibenzo(a,h)anthracene

25.579min (-0.060) 1.31 ng/ul m

response 70350

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	29.88#
279.00	29.60	31.71
0.00	0.00	0.00

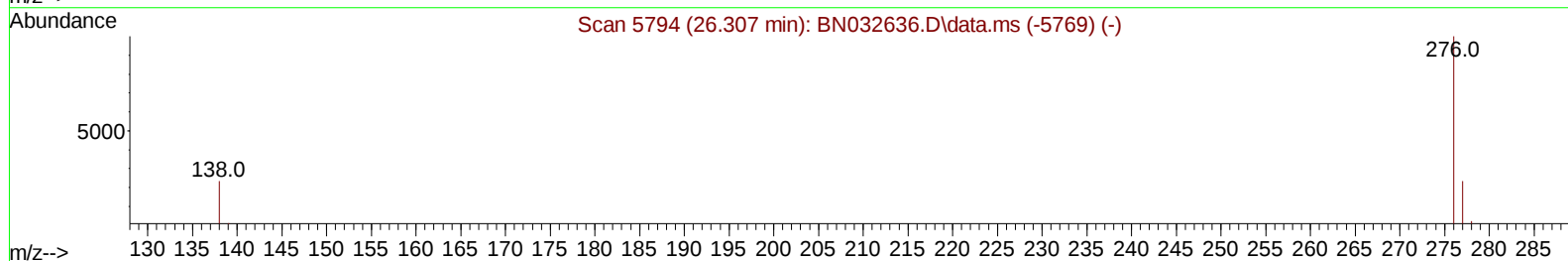
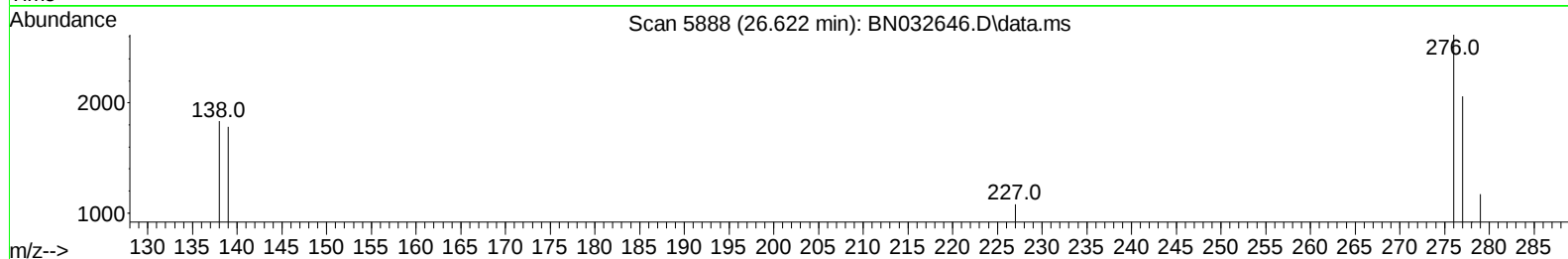
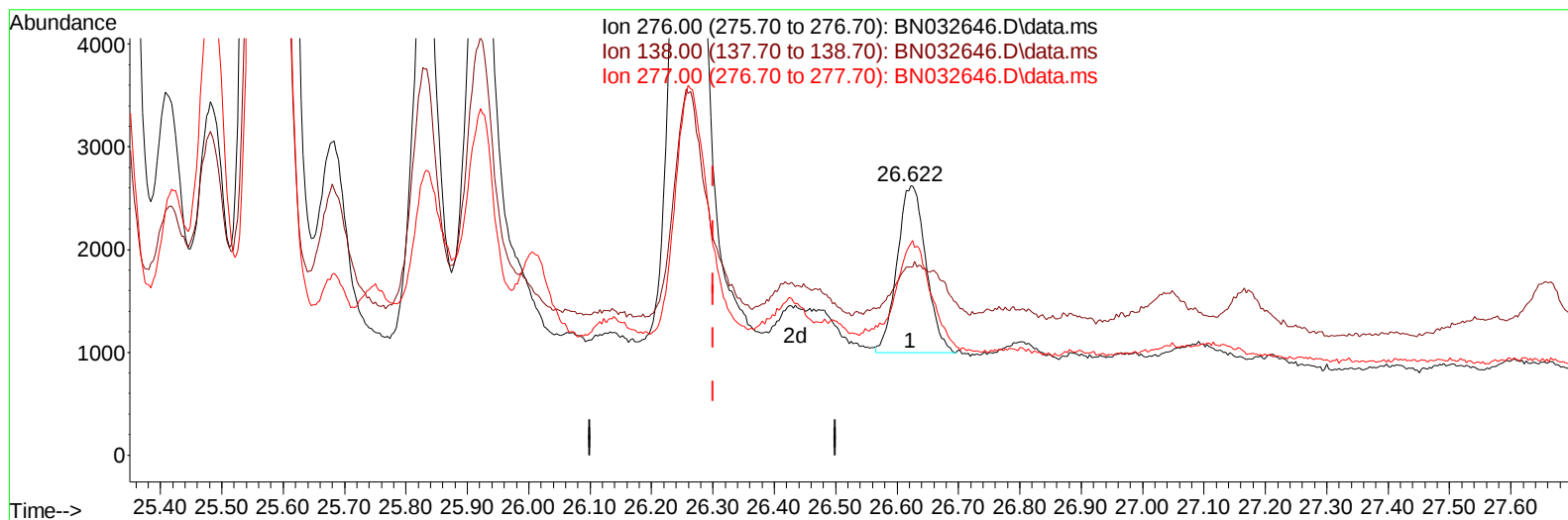
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

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

26.622min (+ 0.322) 0.09 ng/u1

response 5268

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	70.02#
277.00	25.80	78.57#
0.00	0.00	0.00

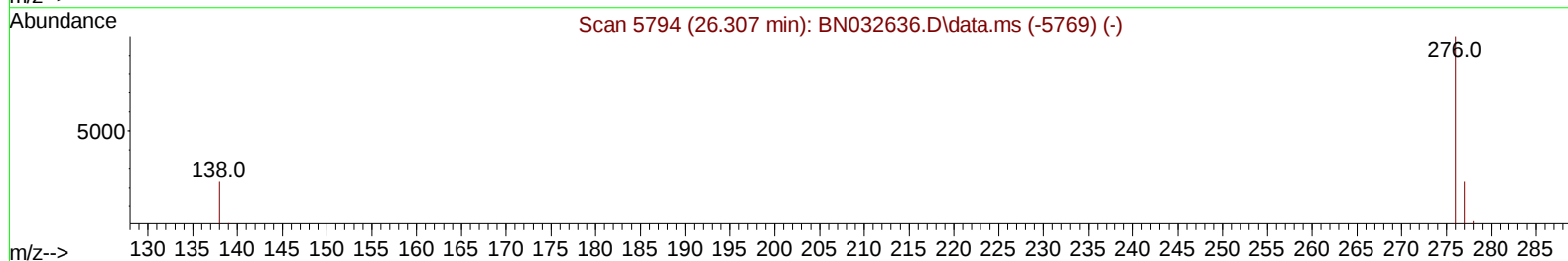
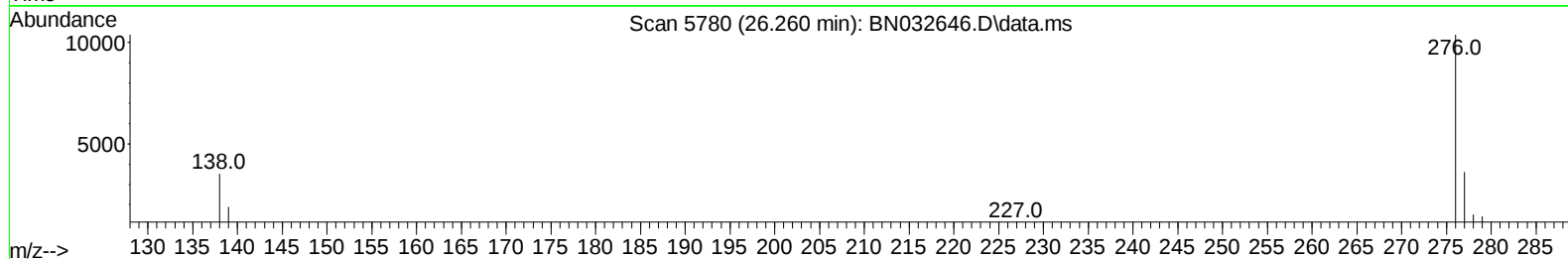
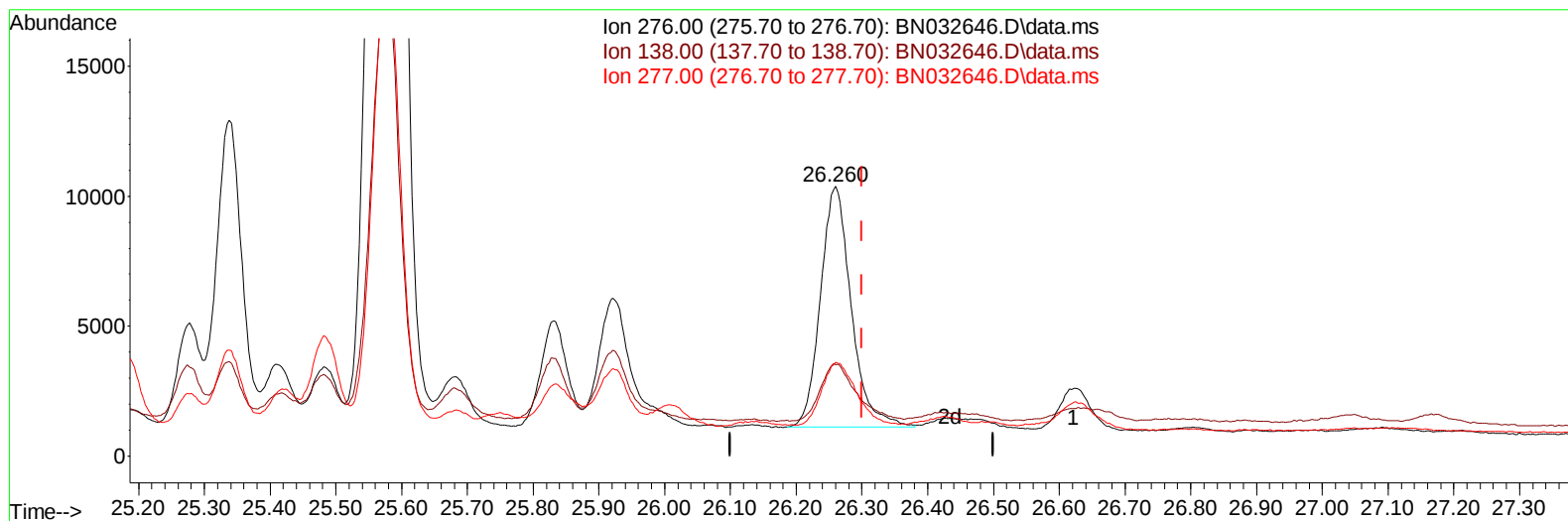
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032646.D\data.ms

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

26.260min (-0.040) 0.52 ng/ul m

response 30249

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	33.96#
277.00	25.80	34.69#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7312	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23327	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13098	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	21785m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	14374m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	16806m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	29421	3.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9291	0.264	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	13307m	0.284	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	10998	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	3584	0.092	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	3231	0.080	ng/ul	98
10) Acenaphthylene	13.925	152	23219	0.439	ng/ul	99
11) Acenaphthene	14.267	153	13411	0.306	ng/ul	99
12) Fluorene	15.262	166	17711	0.354	ng/ul	99
15) Phenanthrene	17.003	178	396532m	6.684	ng/ul	
16) Anthracene	17.096	178	59388m	1.225	ng/ul	
19) Fluoranthene	19.031	202	835265m	14.292	ng/ul	
20) Pyrene	19.399	202	563079m	9.308	ng/ul	
21) Benzo(a)anthracene	21.153	228	327113m	7.149	ng/ul	
22) Chrysene	21.209	228	408610m	6.173	ng/ul	
24) Benzo(b)fluoranthene	22.710	252	561664m	9.472	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	211737m	2.930	ng/ul	
26) Benzo(a)pyrene	23.269	252	198080m	3.860	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	205576m	2.959	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	70350m	1.306	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	30249m	0.521	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
Operator : MA/JU
Sample : P3035-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX0

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:56:32 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

