

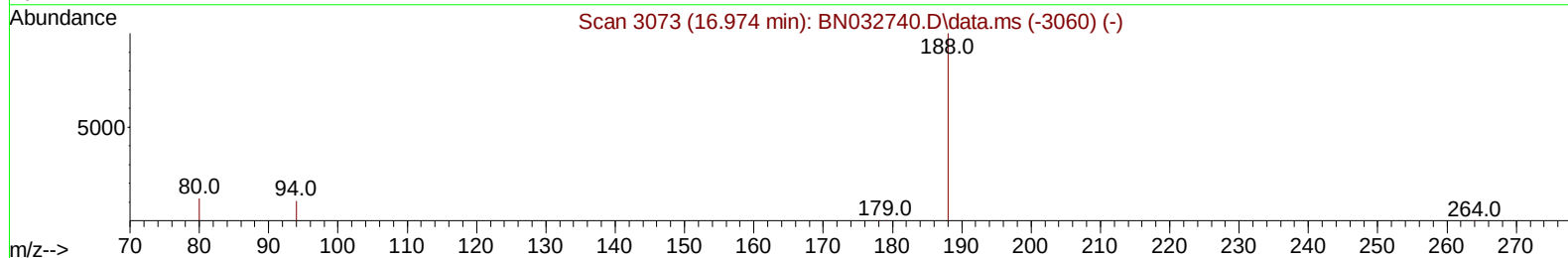
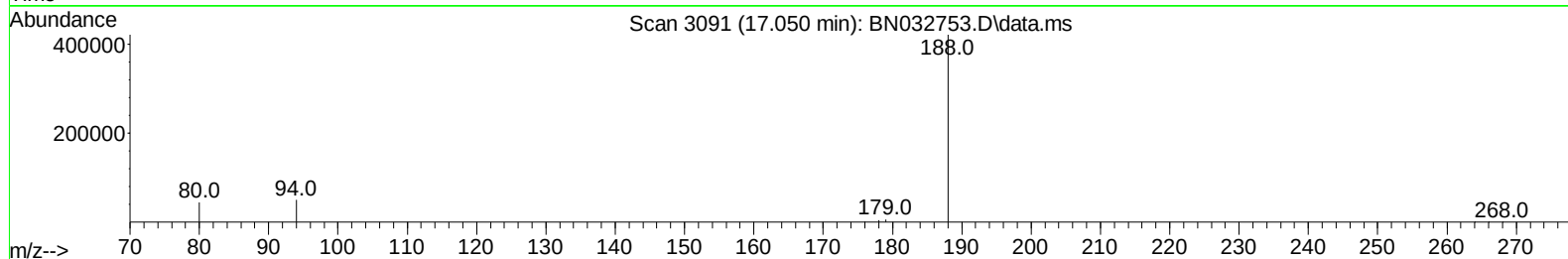
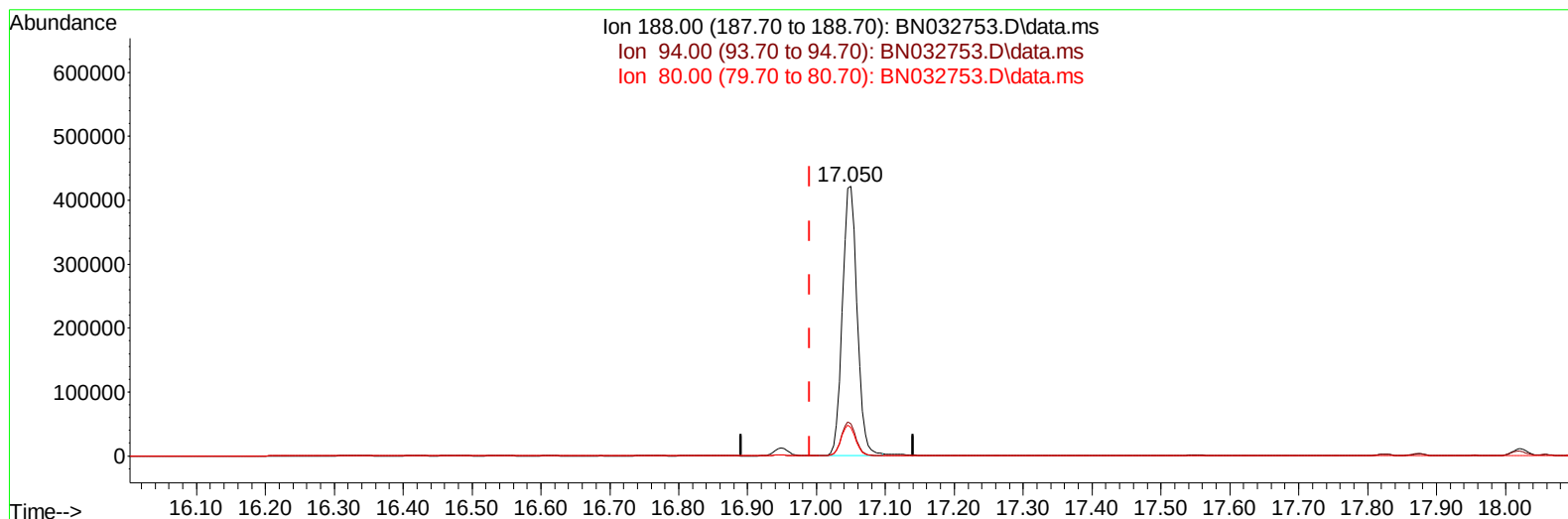
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(13) Phenanthrene-d10 (I)

17.050min (+ 0.059) 0.40 ng/u1

response 625543

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.85
80.00	12.00	10.57
0.00	0.00	0.00

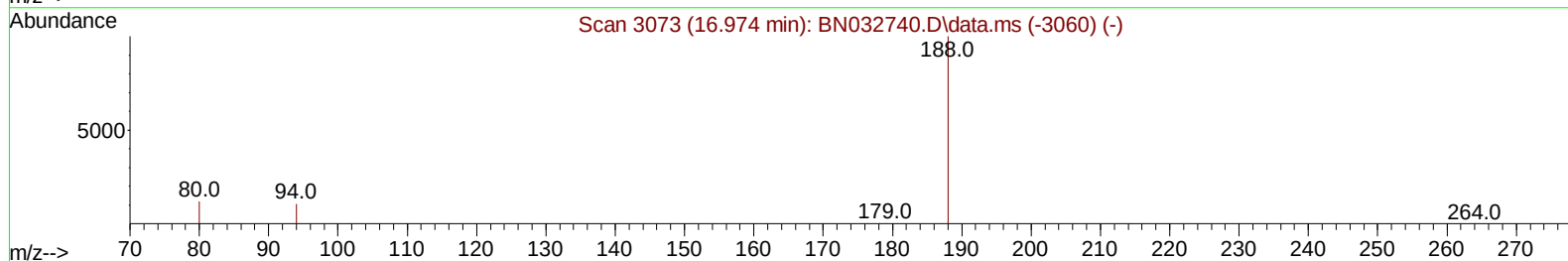
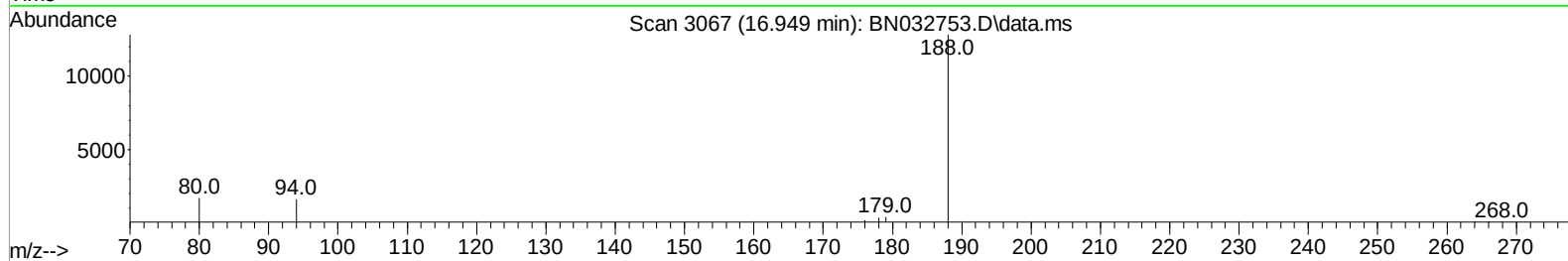
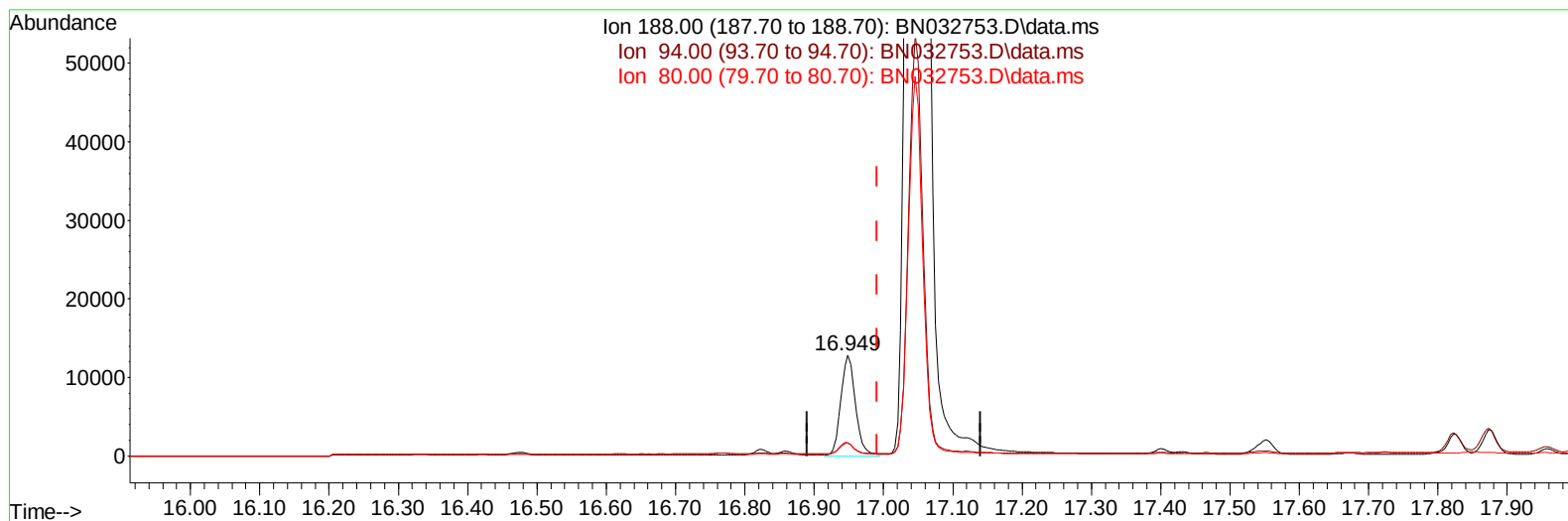
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(13) Phenanthrene-d10 (I)

16.949min (-0.042) 0.40 ng/ul m

response 18903

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.78
80.00	12.00	13.17
0.00	0.00	0.00

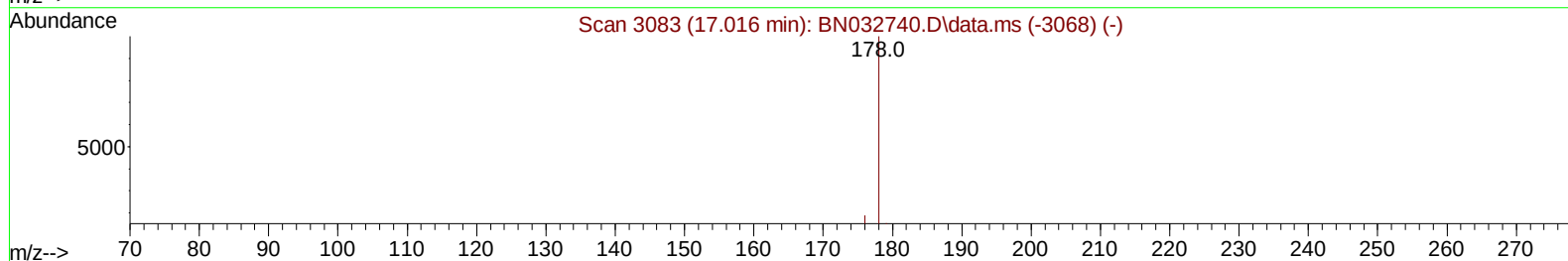
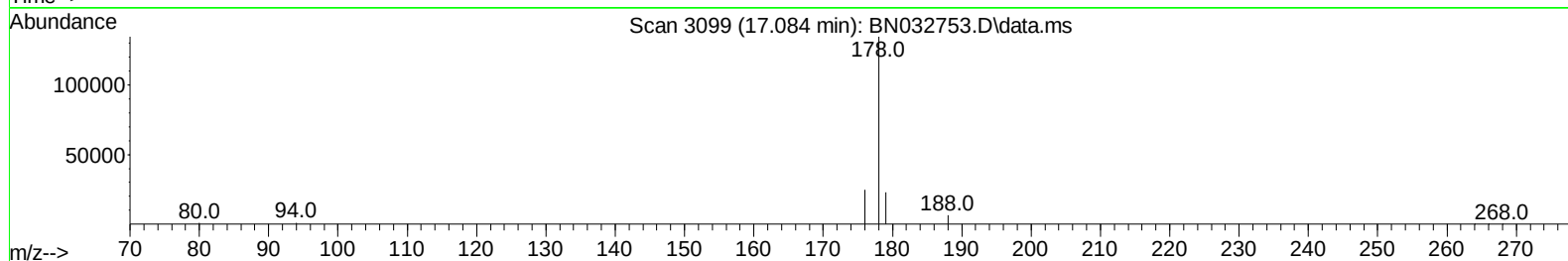
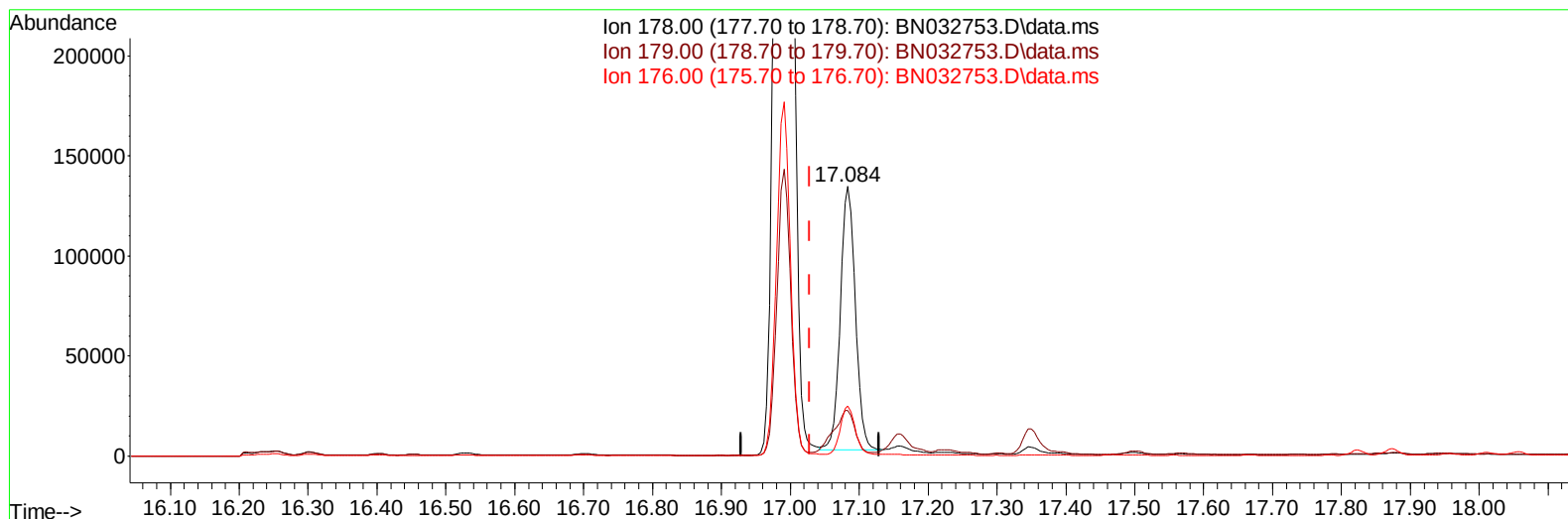
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
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TIC: BN032753.D\data.ms

(15) Phenanthrene

17.084min (+ 0.055) 3.85 ng/u1

response 198030

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.93
176.00	19.50	18.46
0.00	0.00	0.00

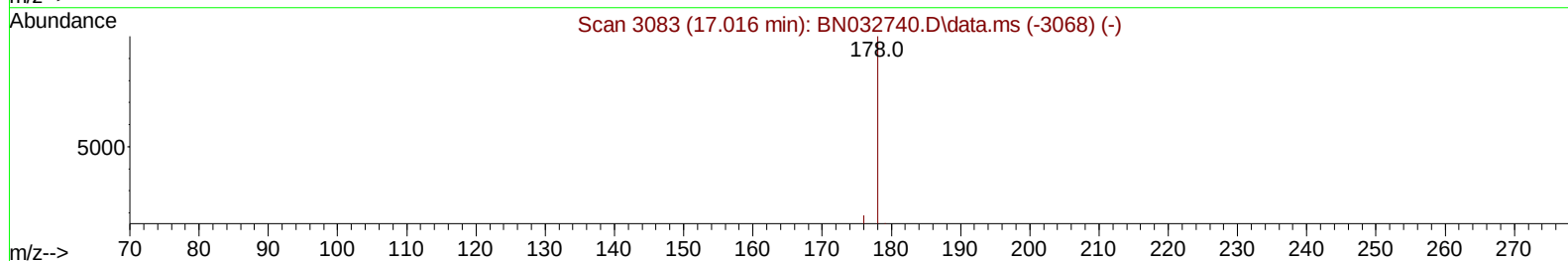
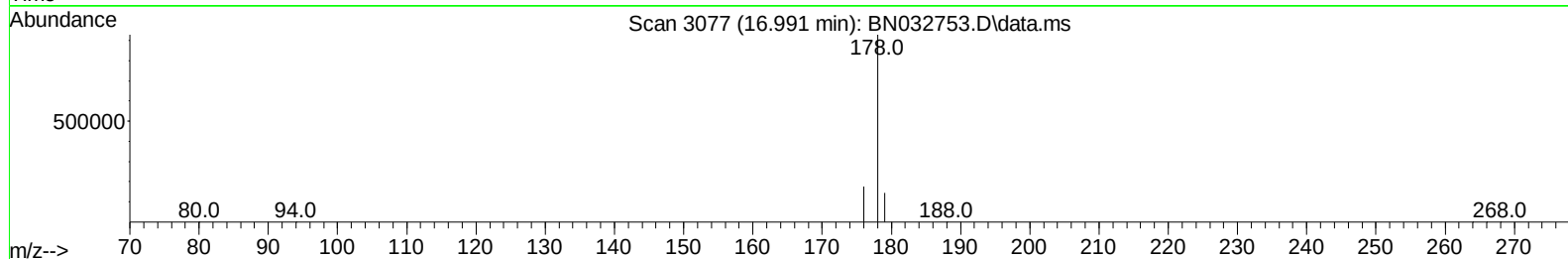
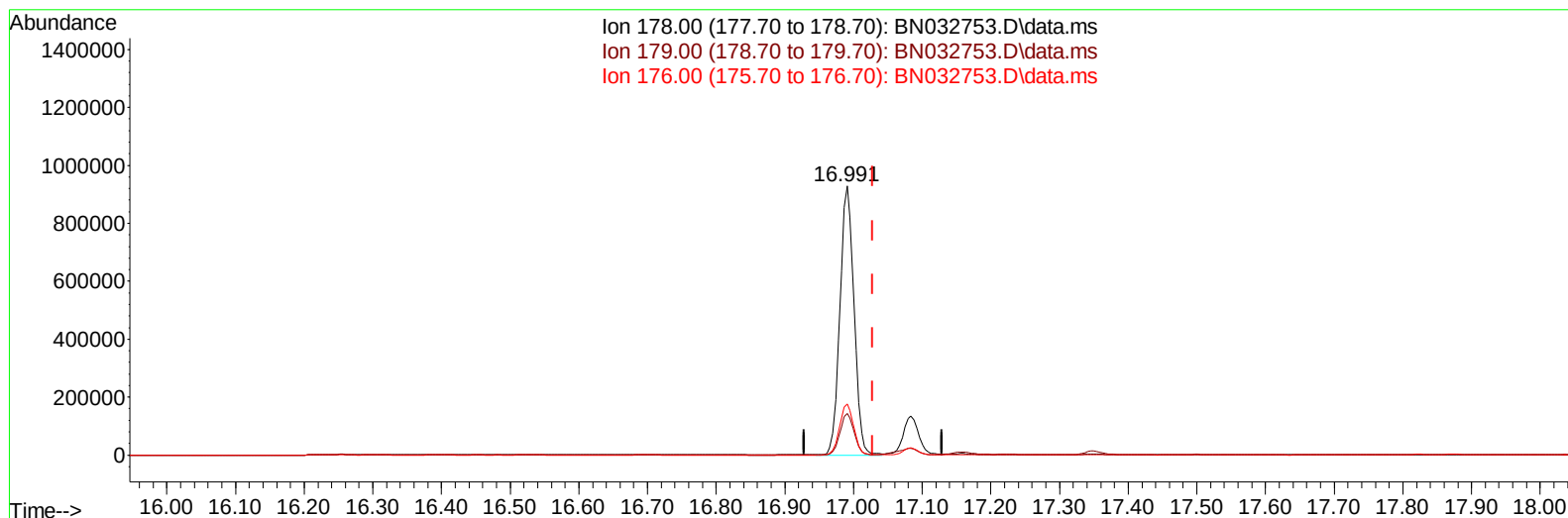
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(15) Phenanthrene

16.991min (-0.038) 25.70 ng/ul m

response 1323012

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.44
176.00	19.50	19.07
0.00	0.00	0.00

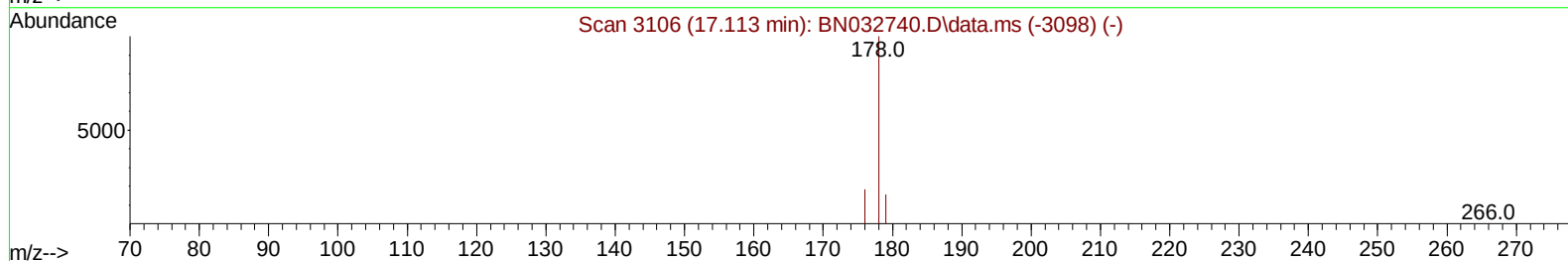
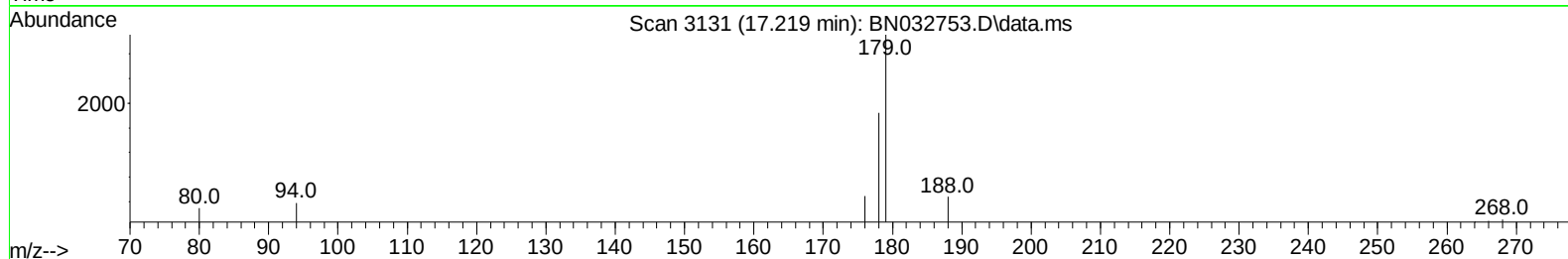
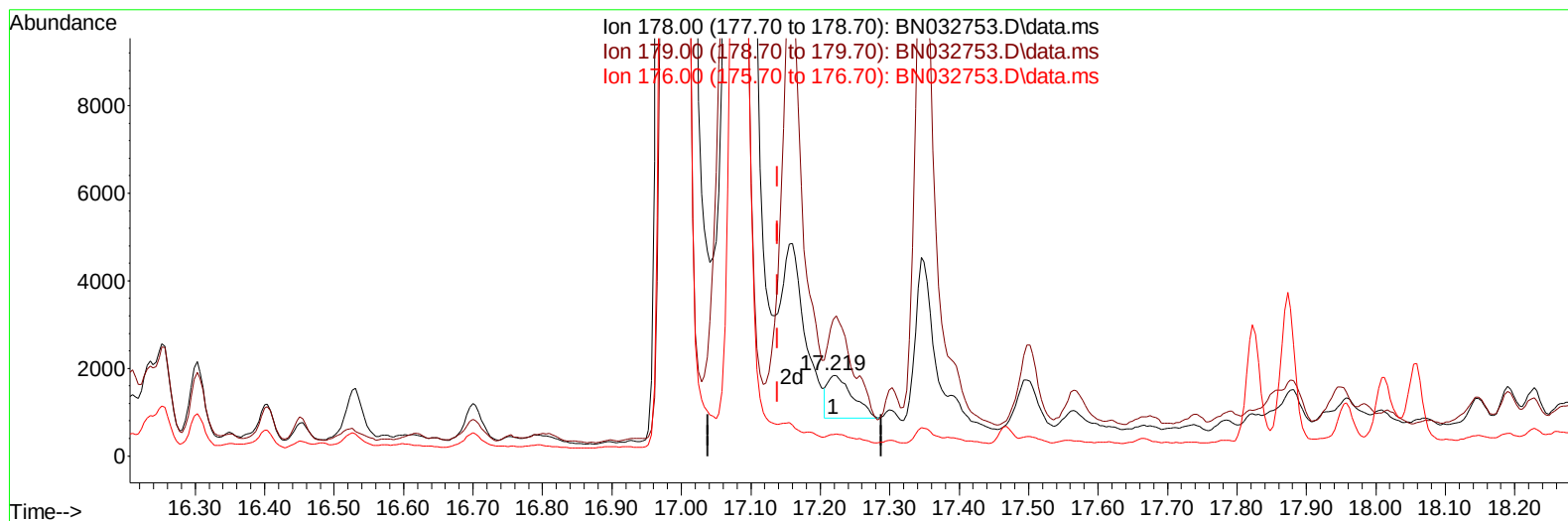
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(16) Anthracene

17.219min (+ 0.080) 0.06 ng/u1

response 2416

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	169.22#
176.00	19.20	26.81#
0.00	0.00	0.00

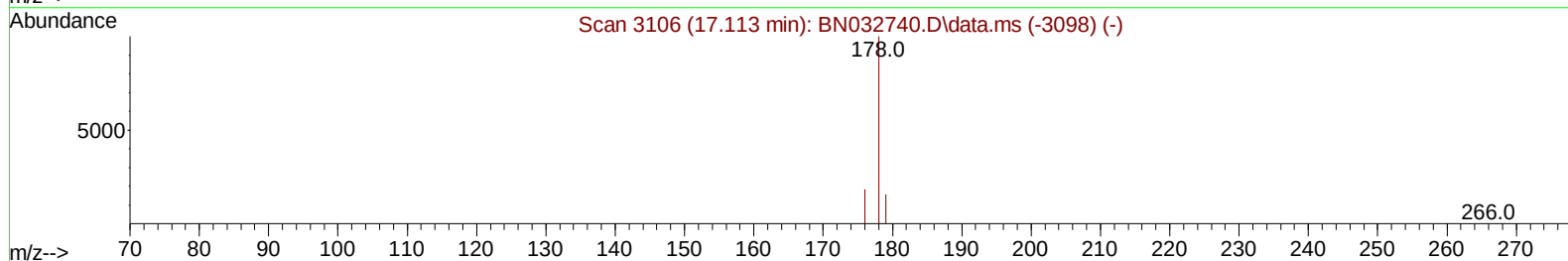
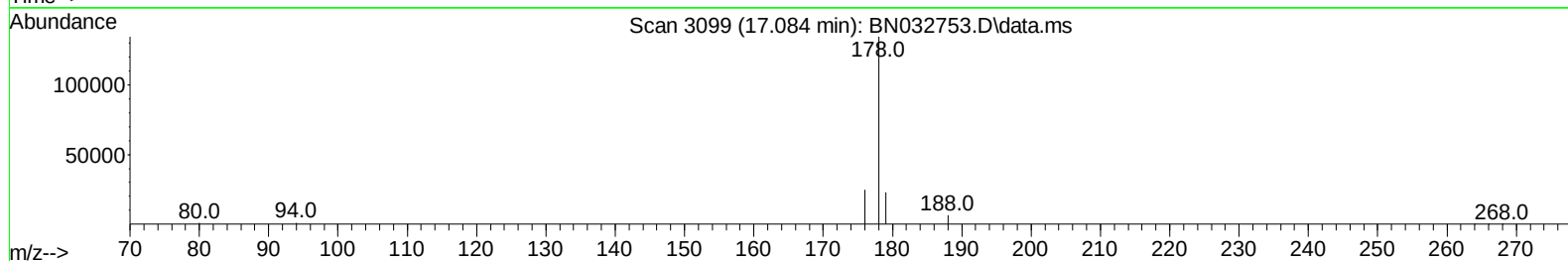
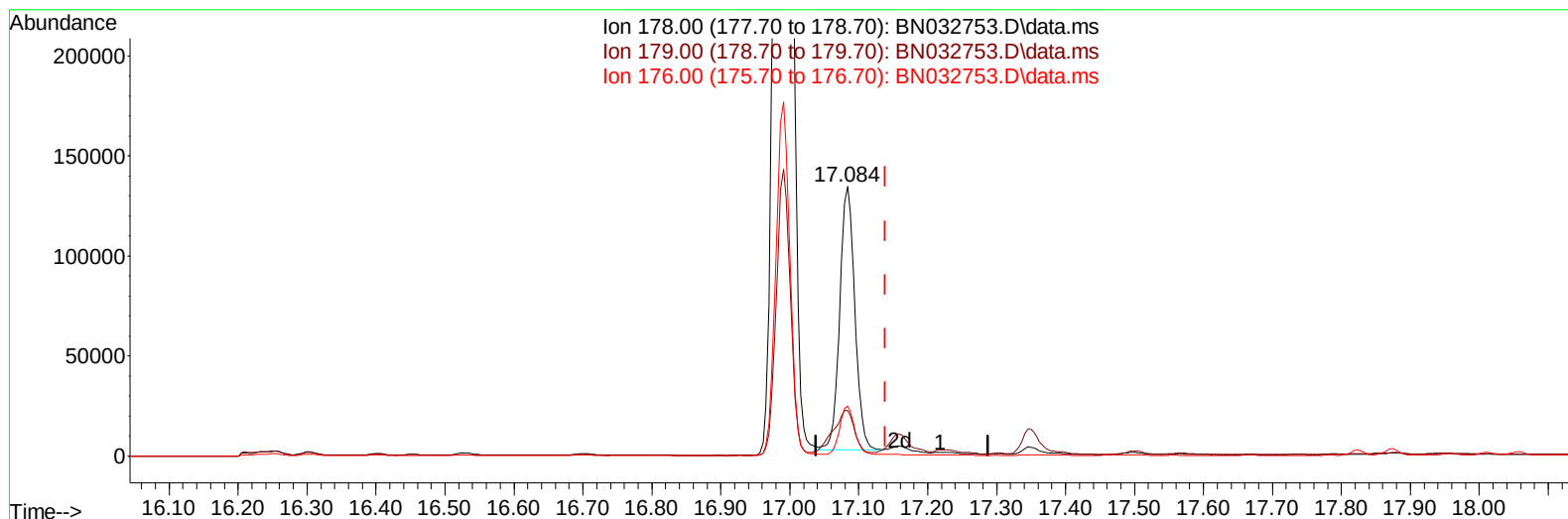
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(16) Anthracene

17.084min (-0.055) 4.72 ng/ul m

response 198660

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.93
176.00	19.20	18.46
0.00	0.00	0.00

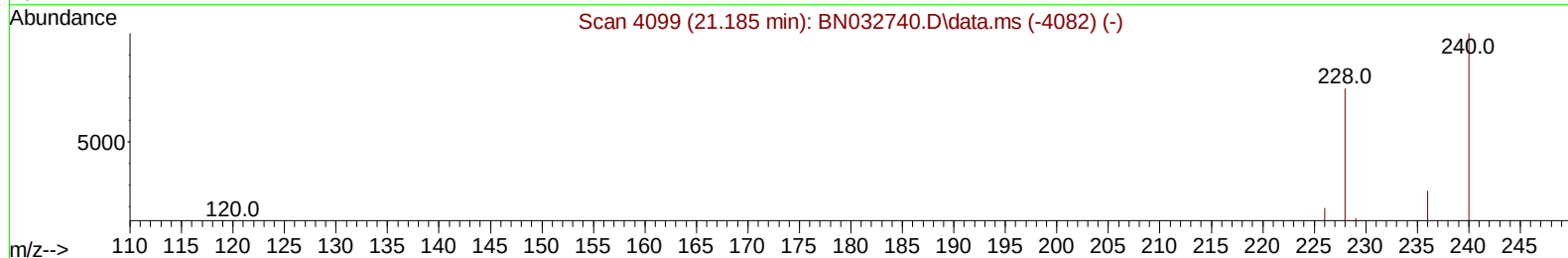
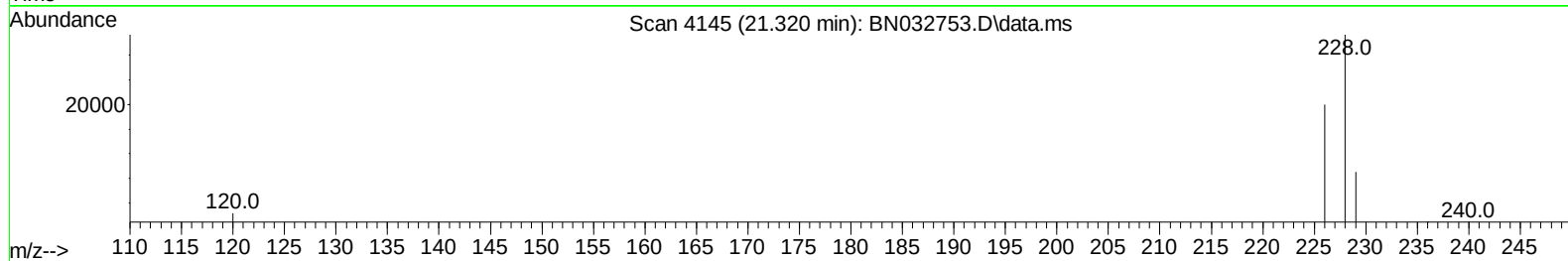
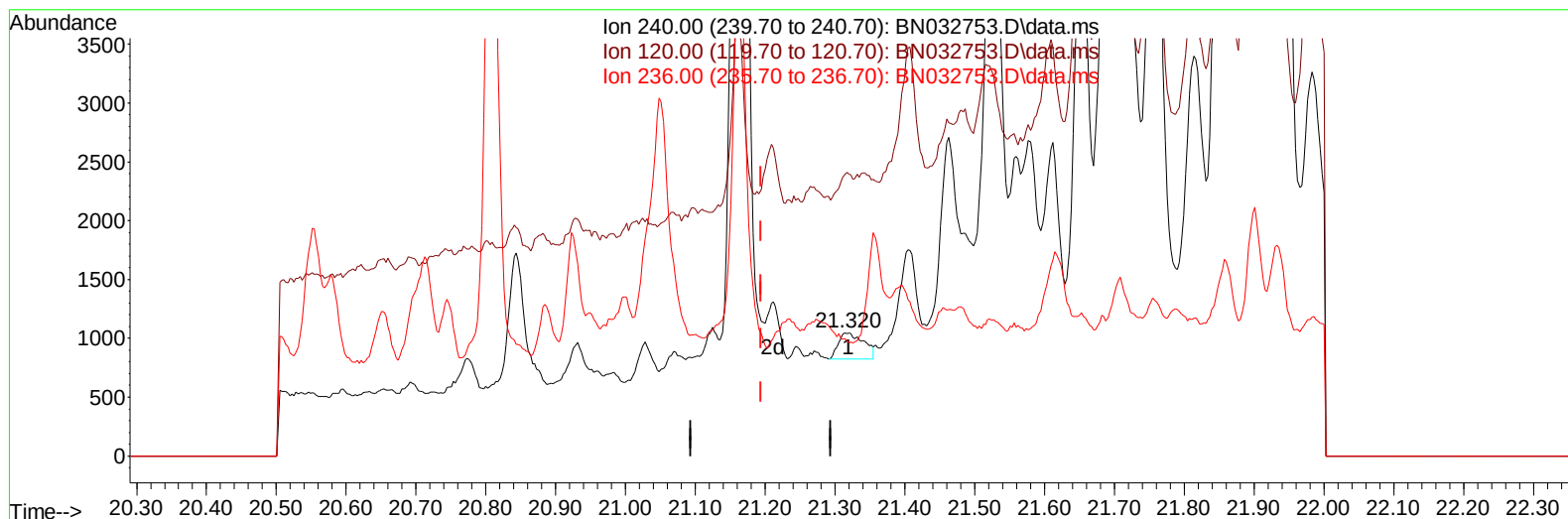
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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
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TIC: BN032753.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.126) 0.40 ng/u1

response 565

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	228.65#
236.00	28.40	91.40#
0.00	0.00	0.00

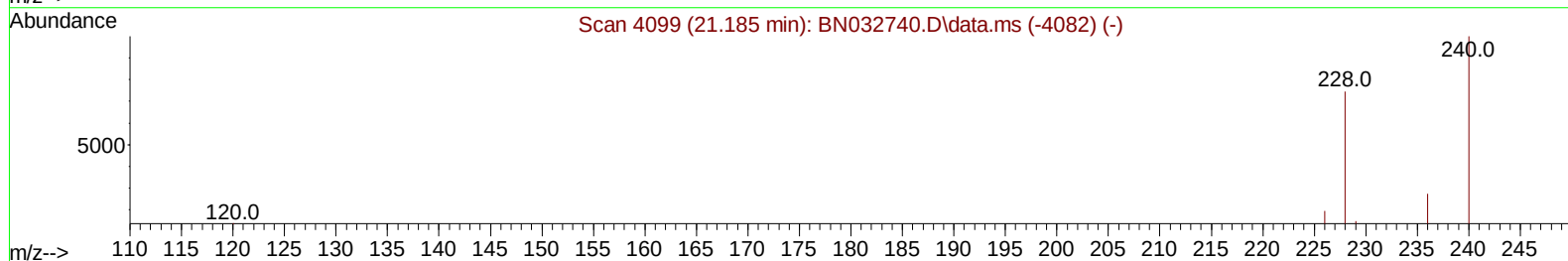
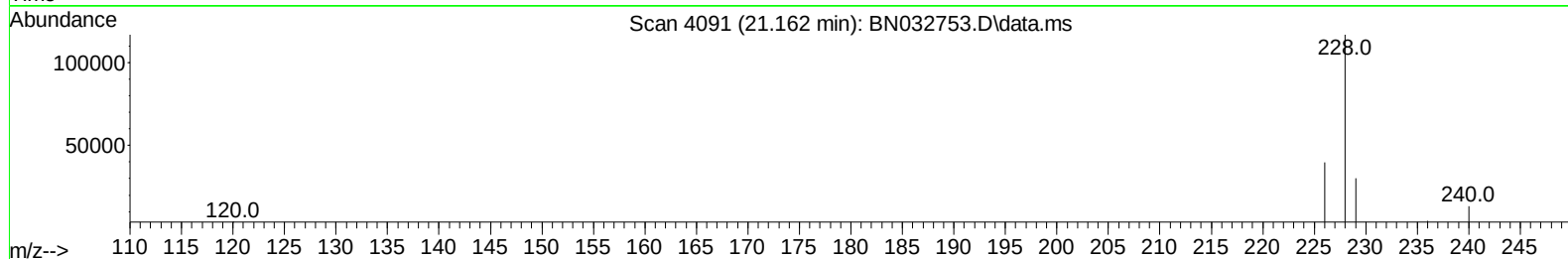
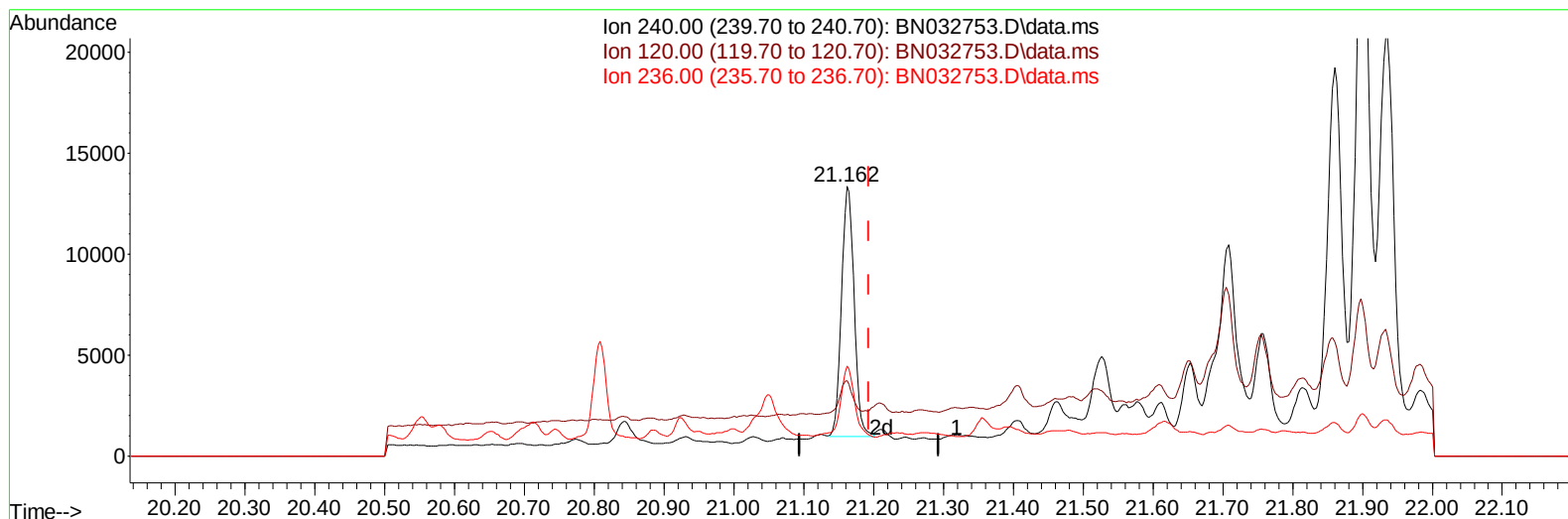
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:45 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: BN032753.D\data.ms

(17) Chrysene-d12

21.162min (-0.032) 0.40 ng/ul m

response 15412

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.85#
236.00	28.40	33.29
0.00	0.00	0.00

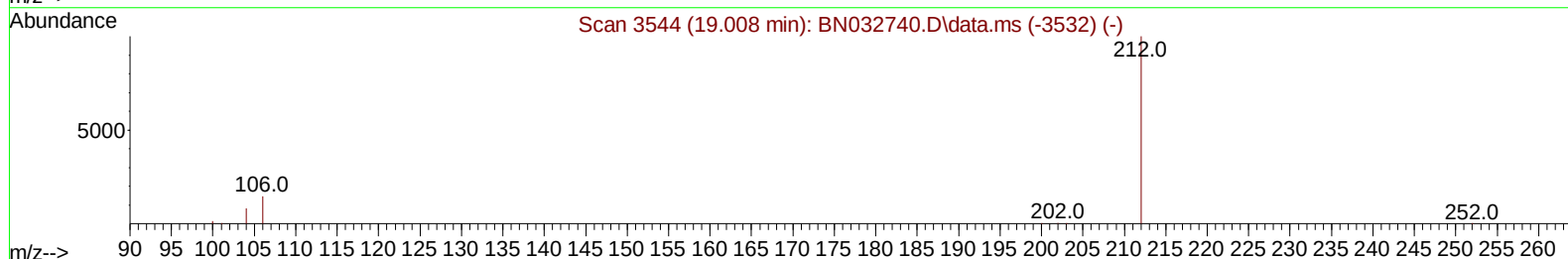
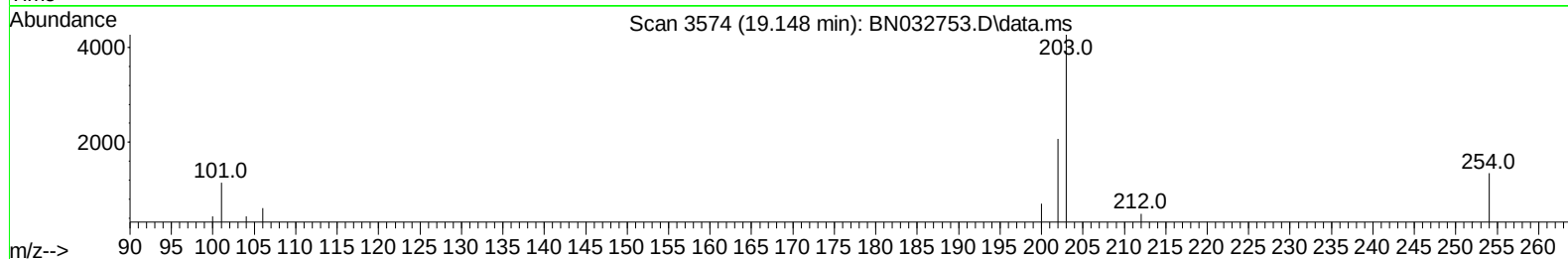
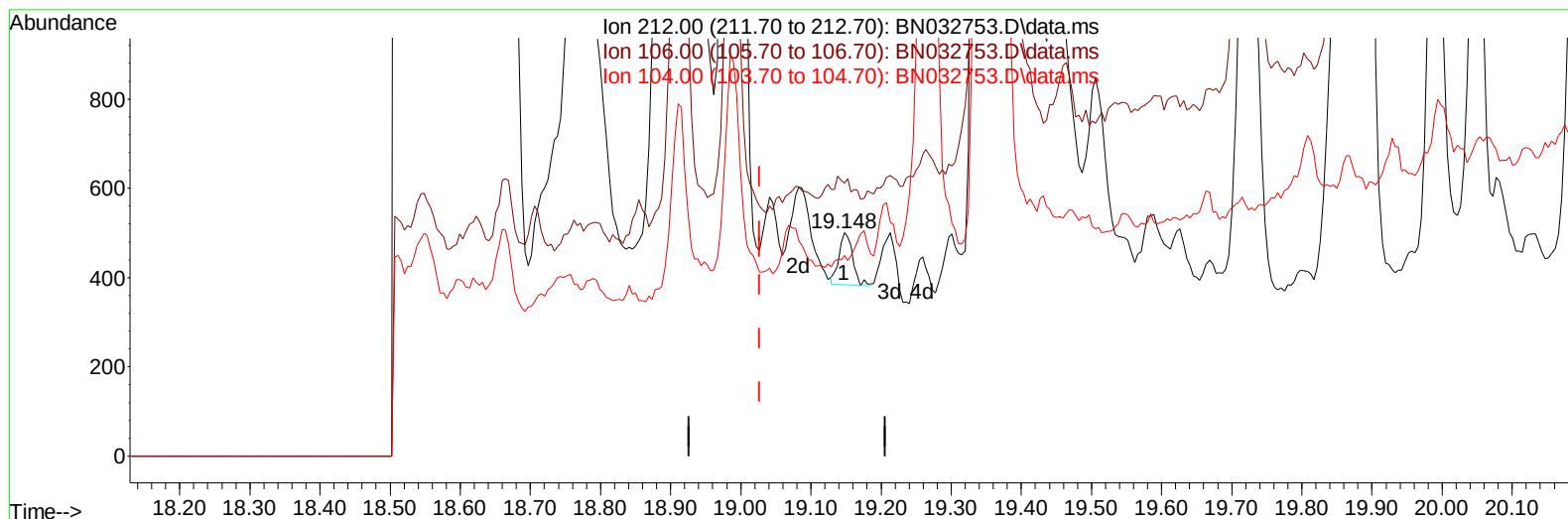
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032753.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.148min (+ 0.121) 0.00 ng/u1

response 157

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	38.22#
104.00	9.00	0.00#
0.00	0.00	0.00

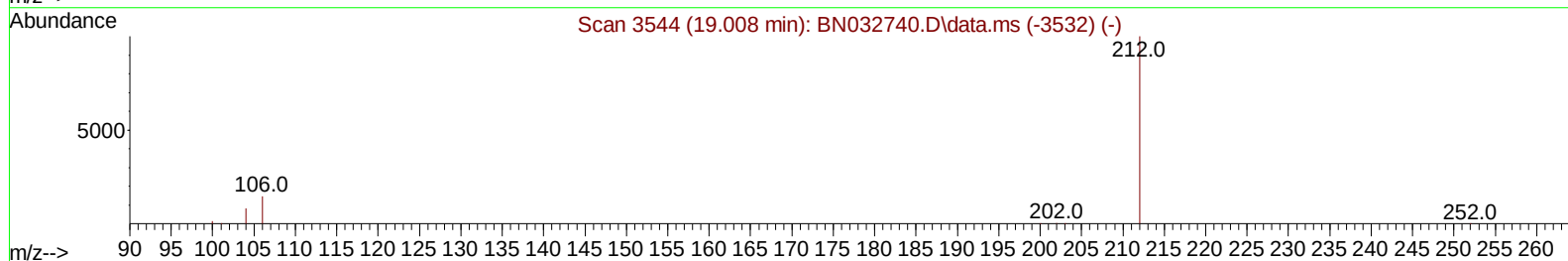
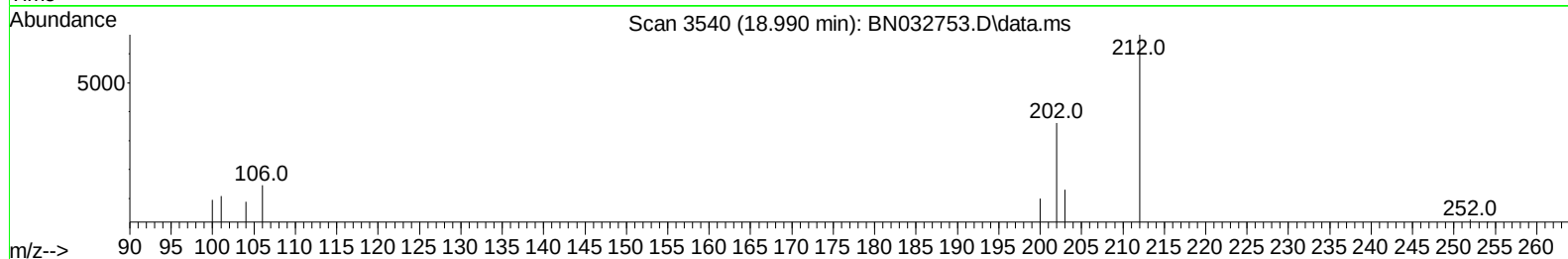
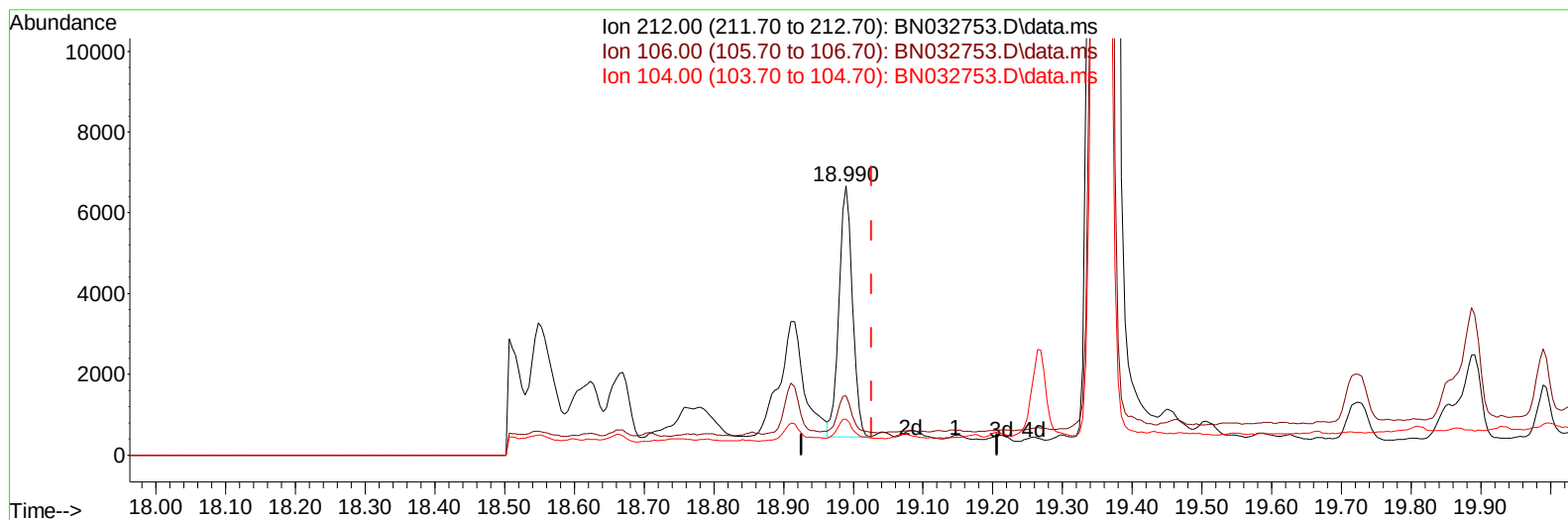
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.990min (-0.037) 0.17 ng/ul m

response 8372

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.72#
104.00	9.00	0.00#
0.00	0.00	0.00

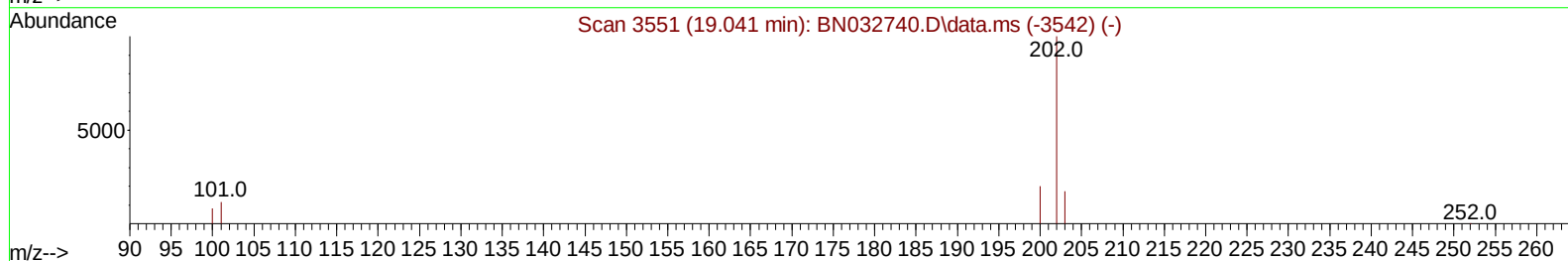
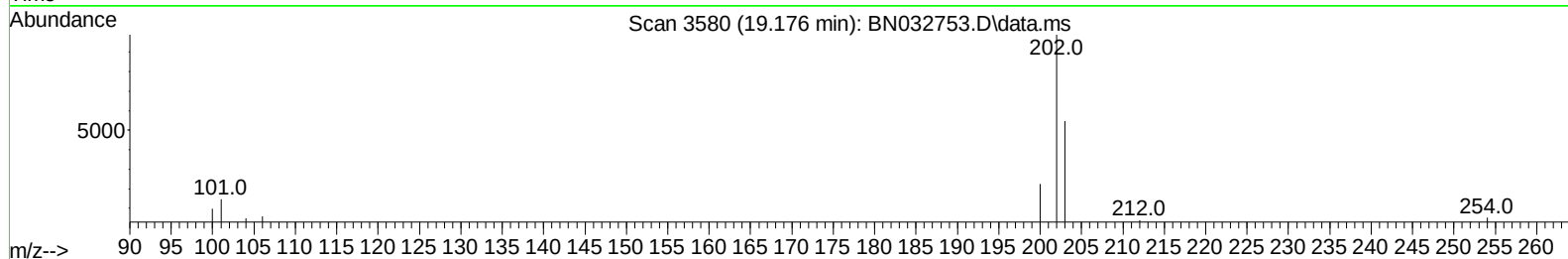
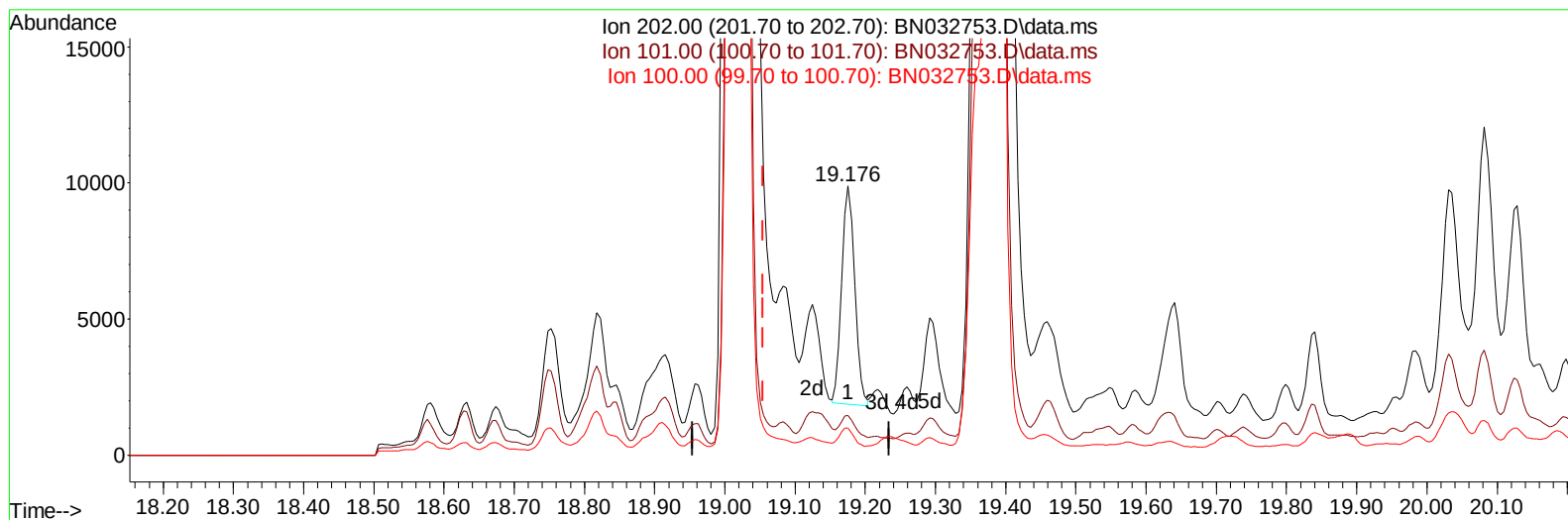
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032753.D\data.ms

(19) Fluoranthene (C)

19.176min (+ 0.121) 0.16 ng/u1

response 10293

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.82#
100.00	9.90	9.97
0.00	0.00	0.00

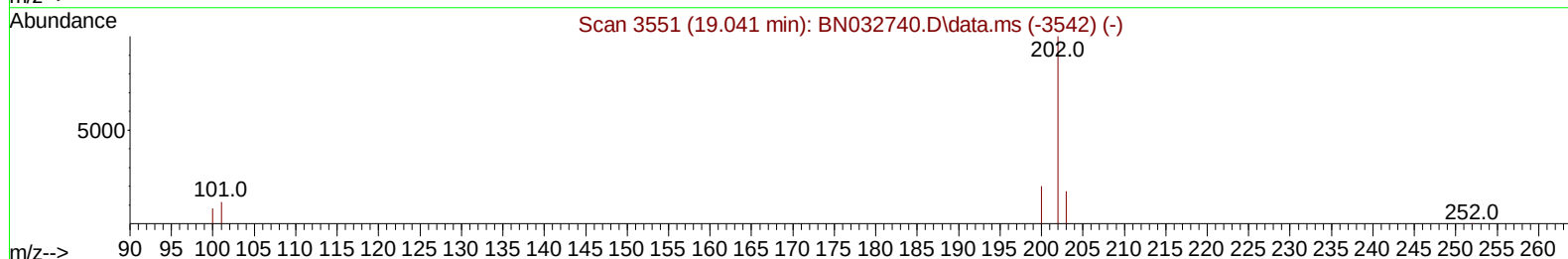
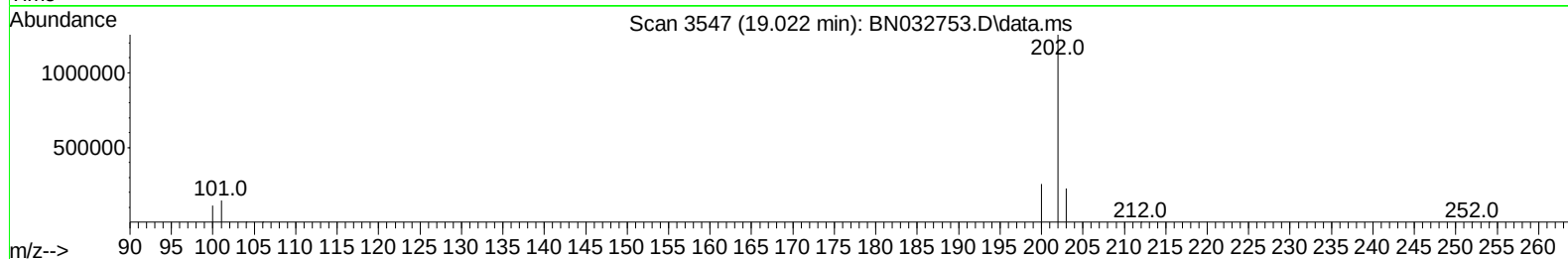
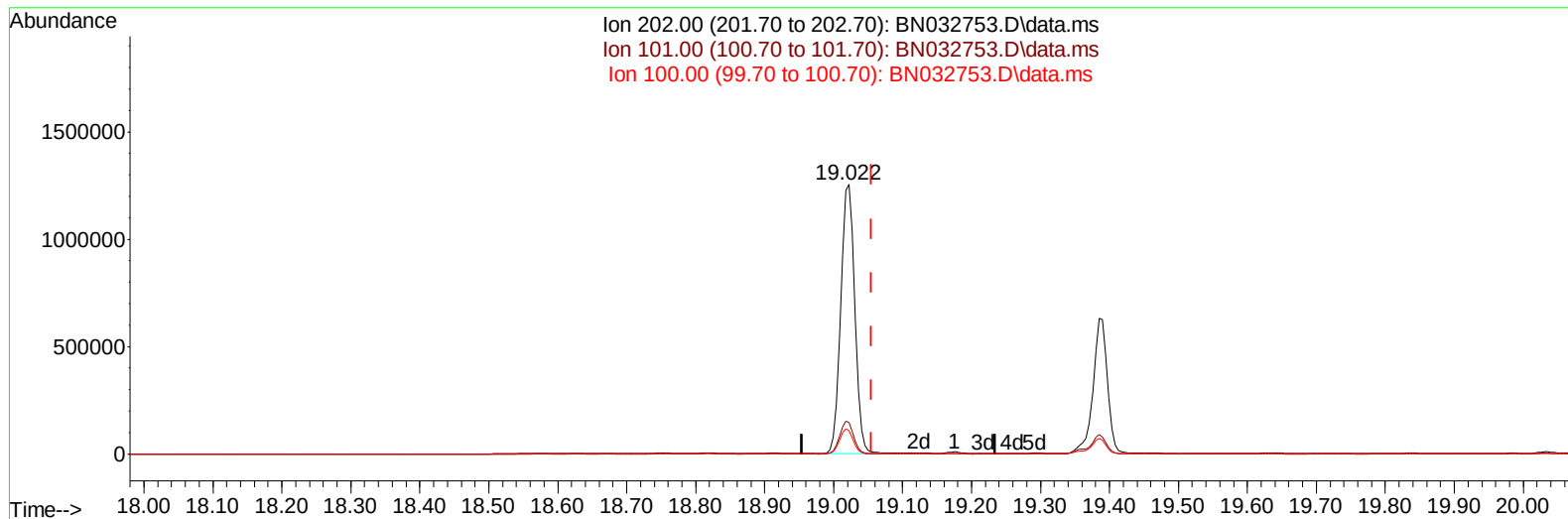
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(19) Fluoranthene (C)

19.022min (-0.032) 28.51 ng/ul m

response 1786490

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.60
100.00	9.90	8.68
0.00	0.00	0.00

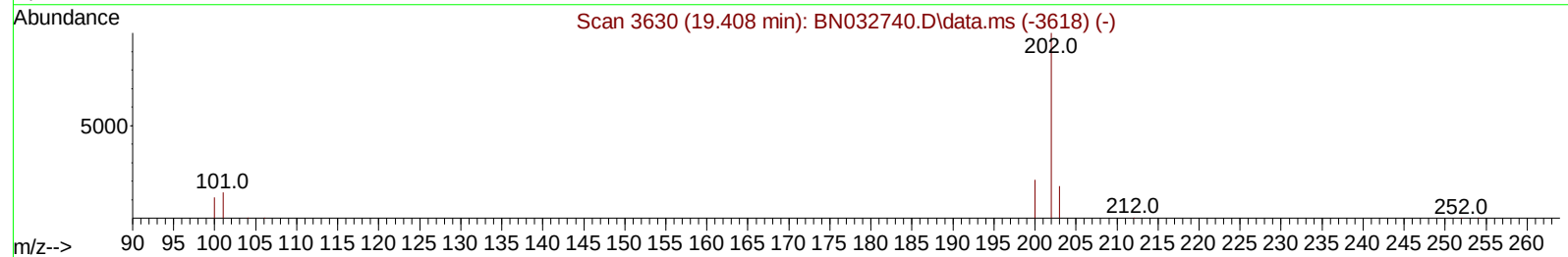
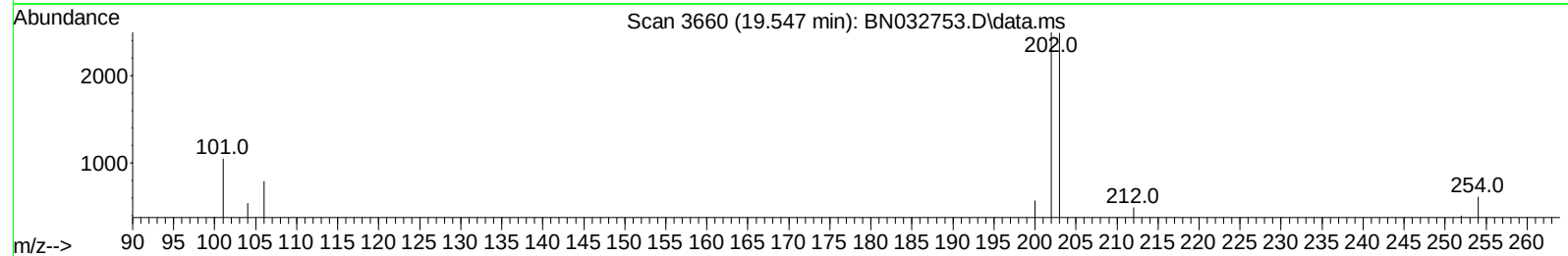
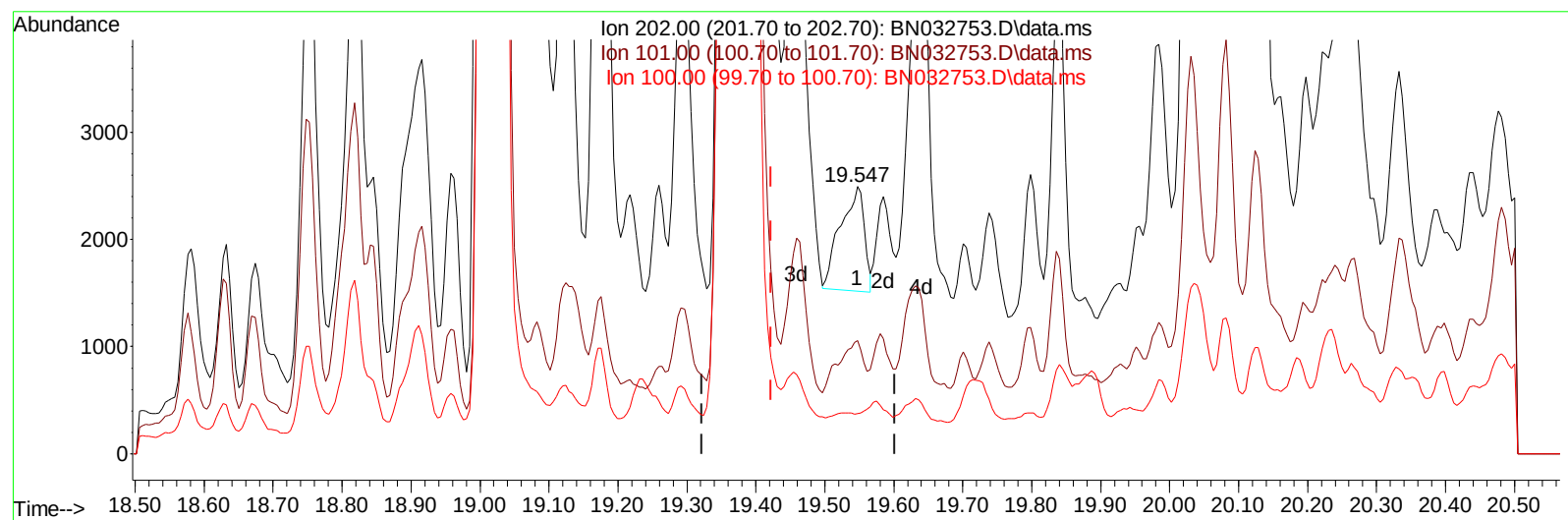
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(20) Pyrene

19.547min (+ 0.126) 0.04 ng/u1

response 2330

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.28#
100.00	12.00	15.07#
0.00	0.00	0.00

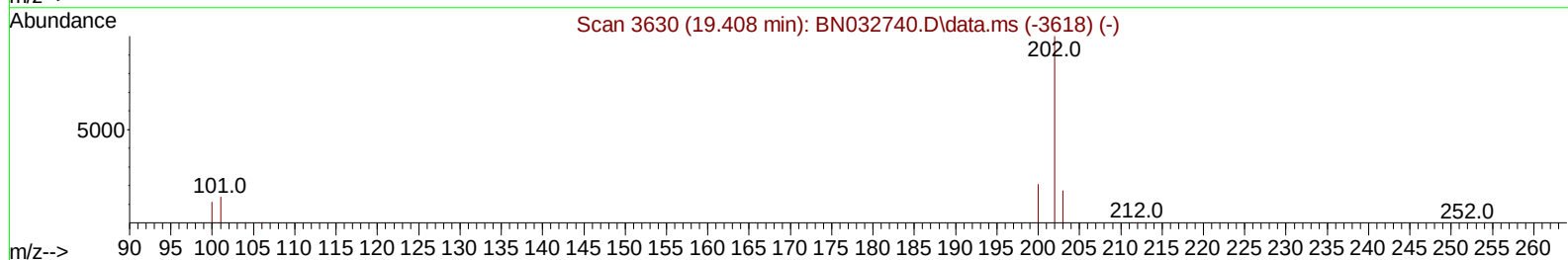
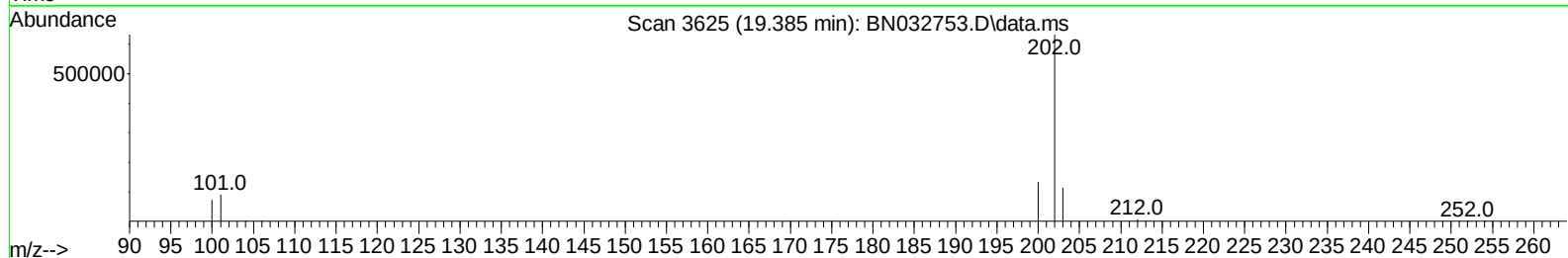
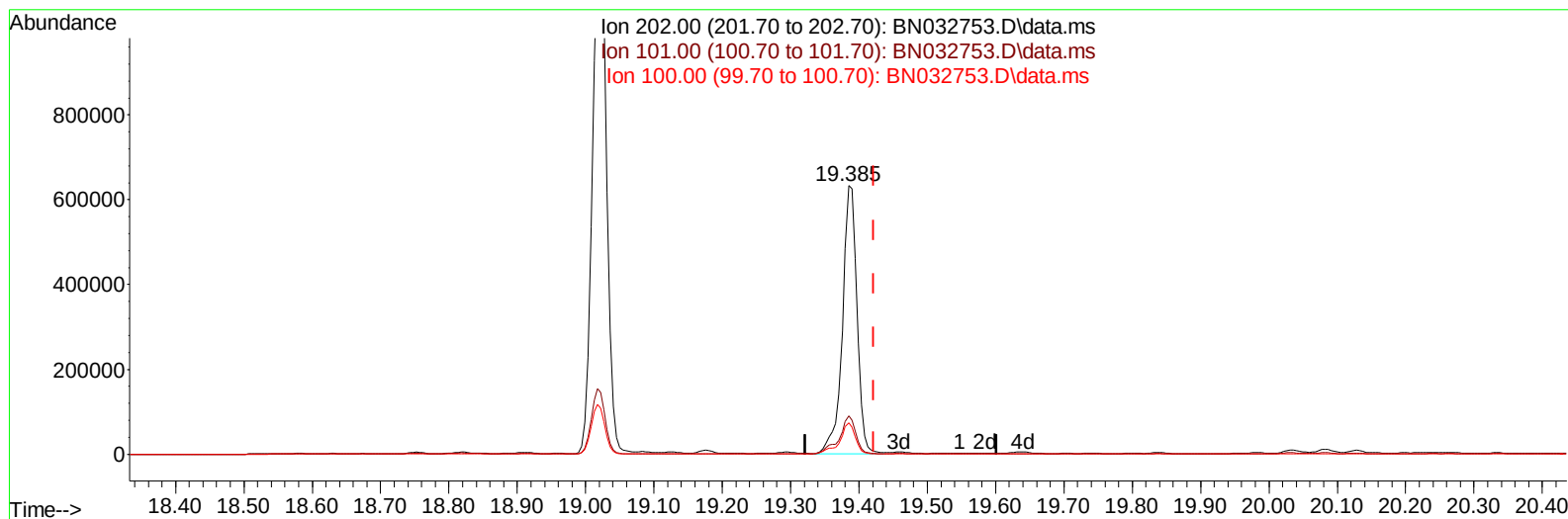
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(20) Pyrene

19.385min (-0.037) 14.16 ng/ul m

response 918206

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.30
100.00	12.00	11.66
0.00	0.00	0.00

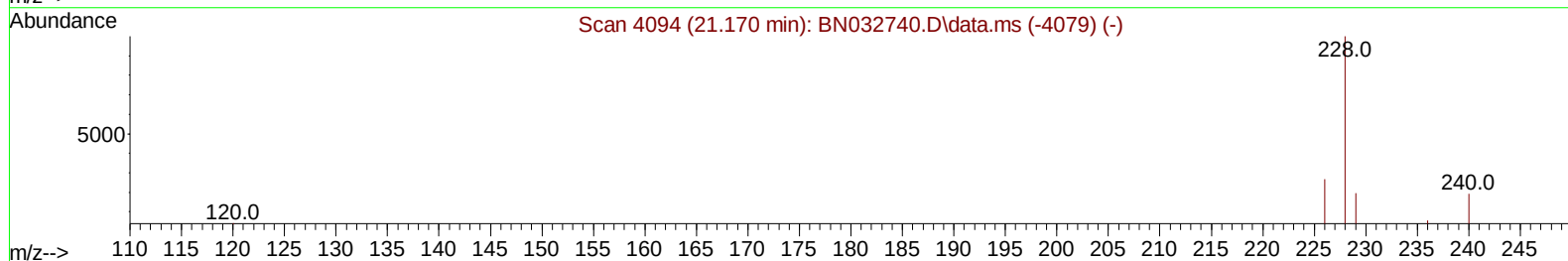
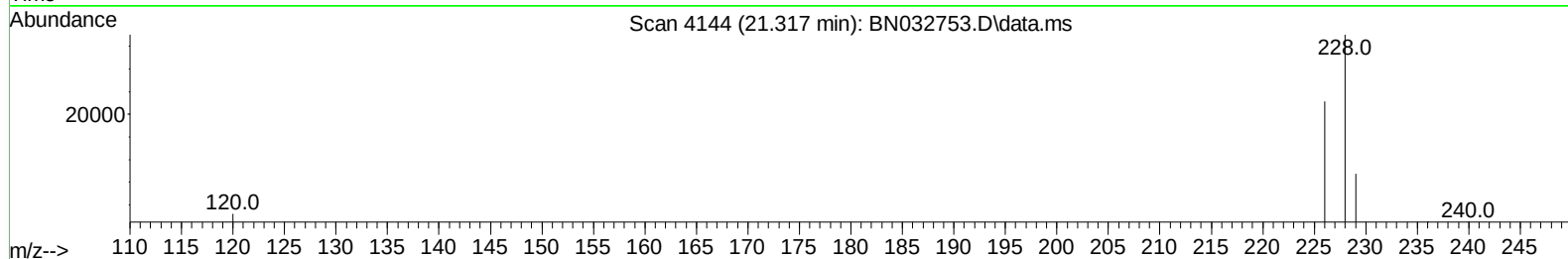
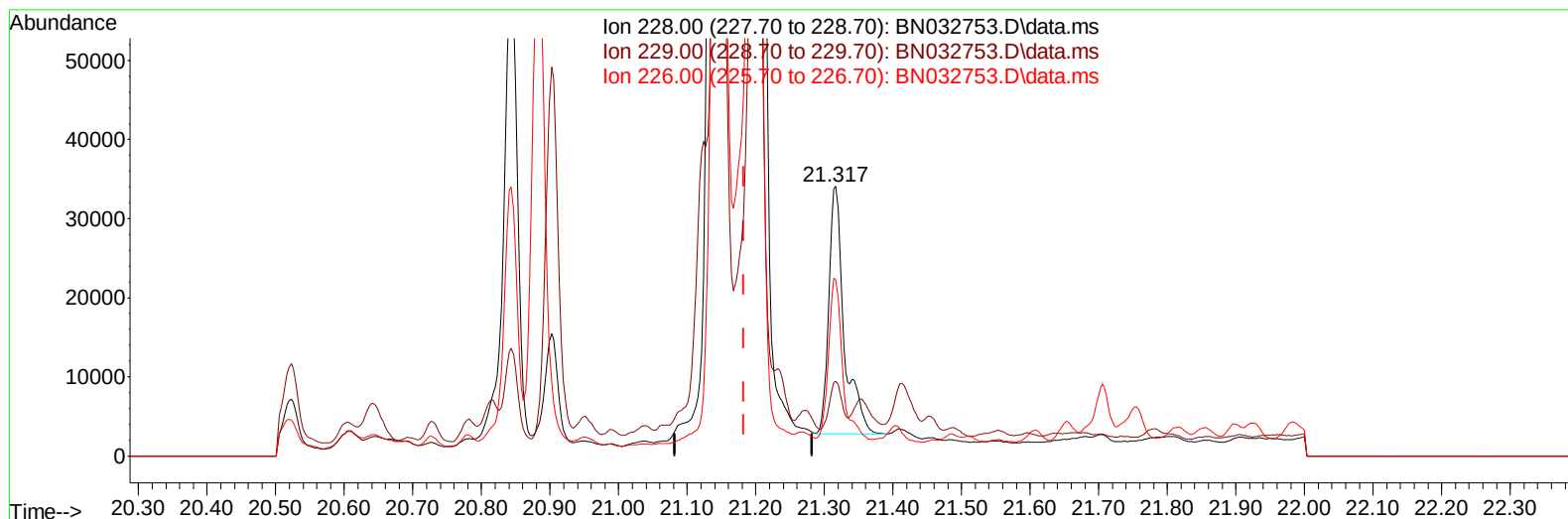
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(21) Benzo(a)anthracene

21.317min (+ 0.135) 0.99 ng/uI

response 48616

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	27.75#
226.00	27.40	65.36#
0.00	0.00	0.00

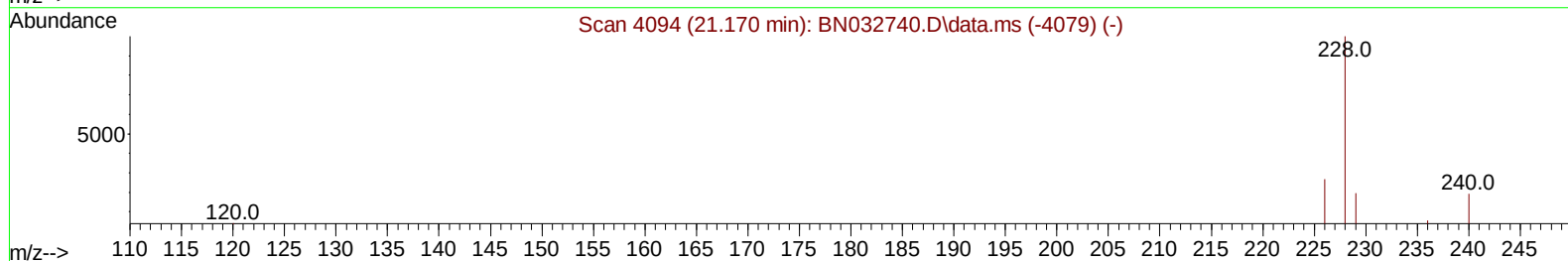
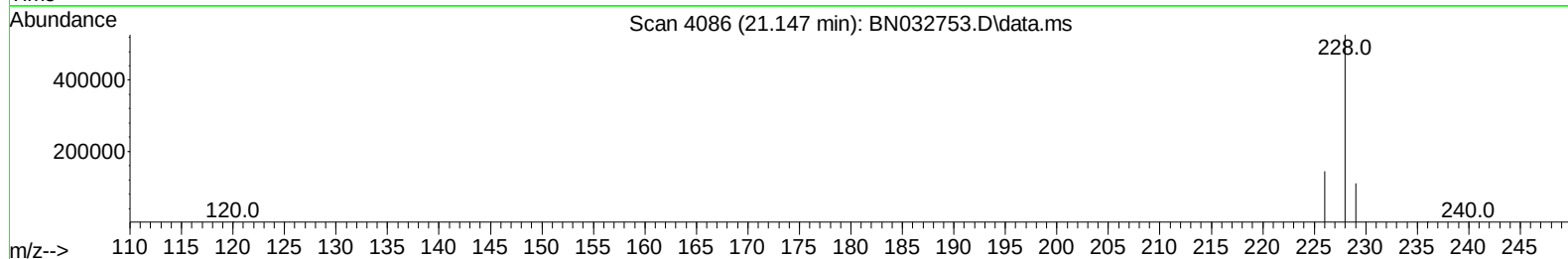
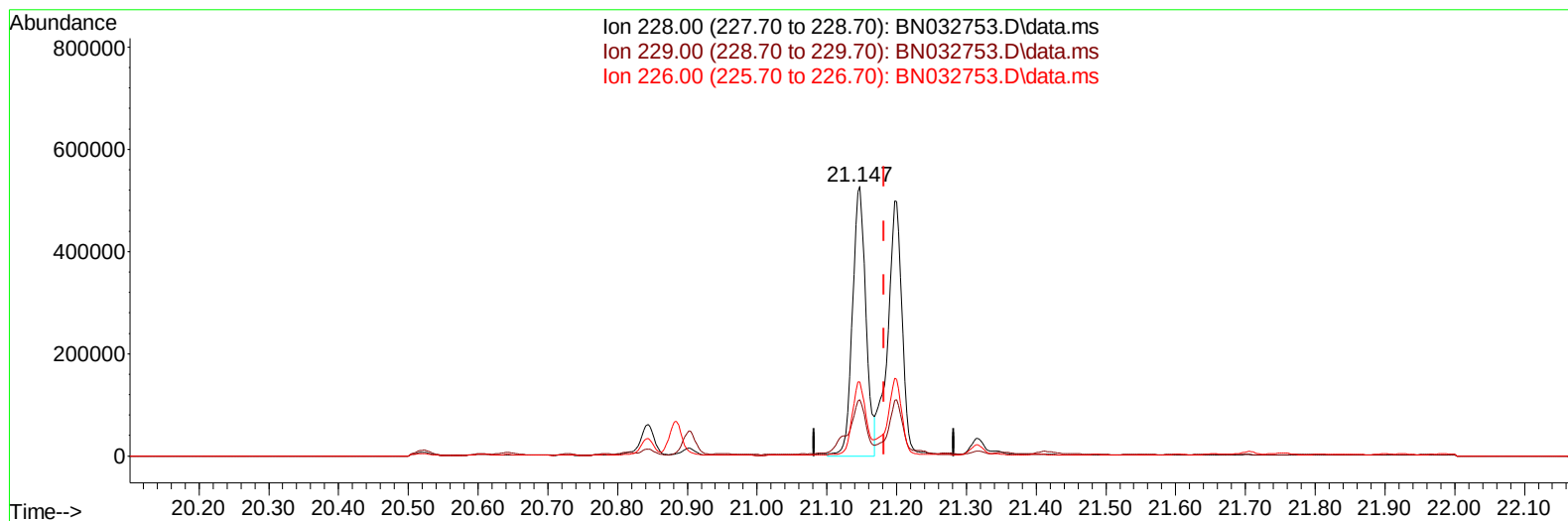
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:45 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: BN032753.D\data.ms

(21) Benzo(a)anthracene

21.147min (-0.035) 14.39 ng/ul m

response 705845

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.86
226.00	27.40	27.51
0.00	0.00	0.00

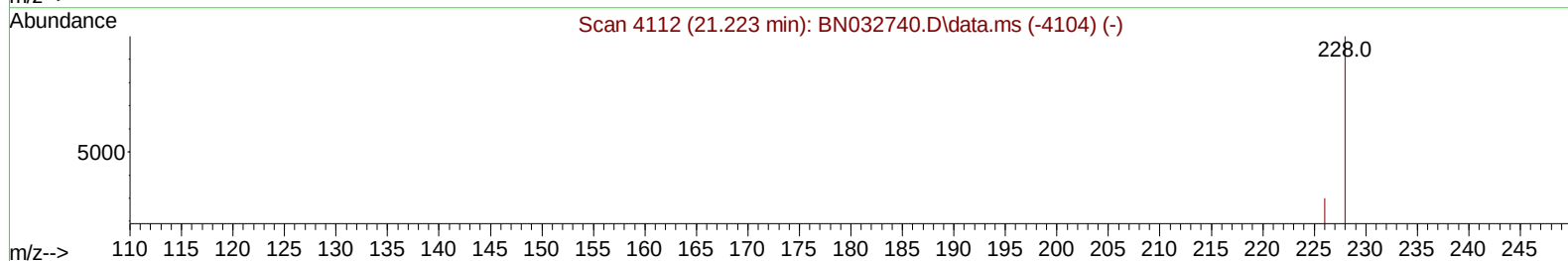
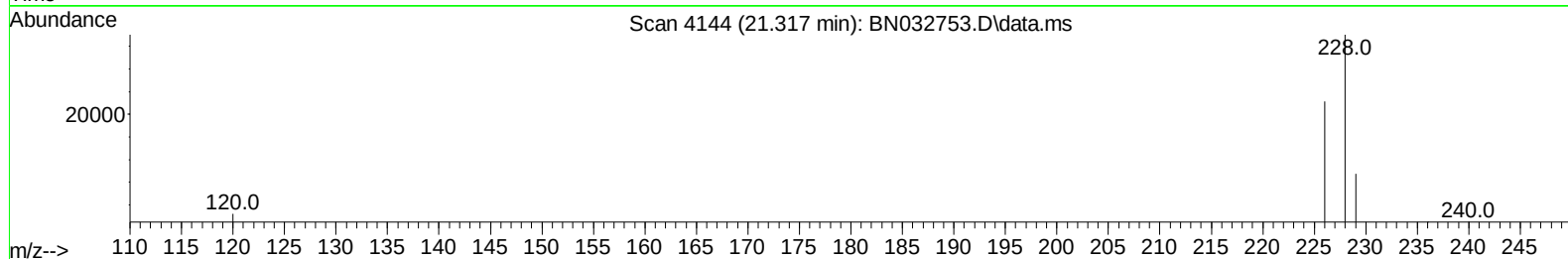
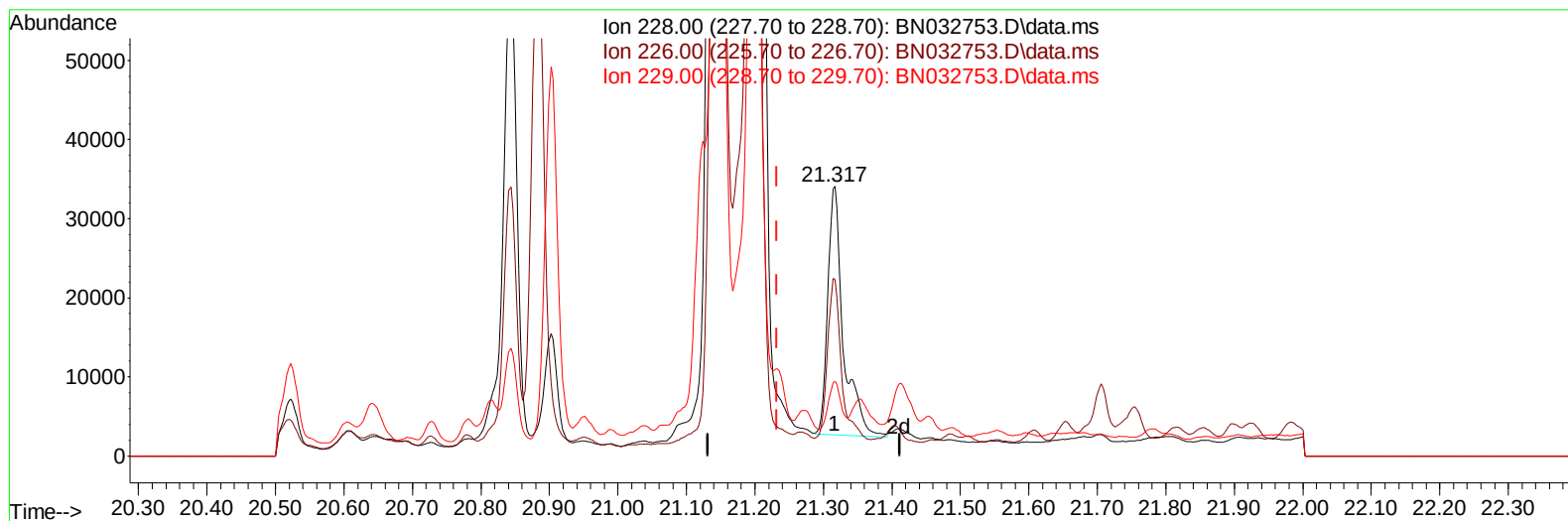
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:45 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: BN032753.D\data.ms

(22) Chrysene

21.317min (+ 0.085) 0.70 ng/u1

response 49732

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	65.36#
229.00	19.70	27.75#
0.00	0.00	0.00

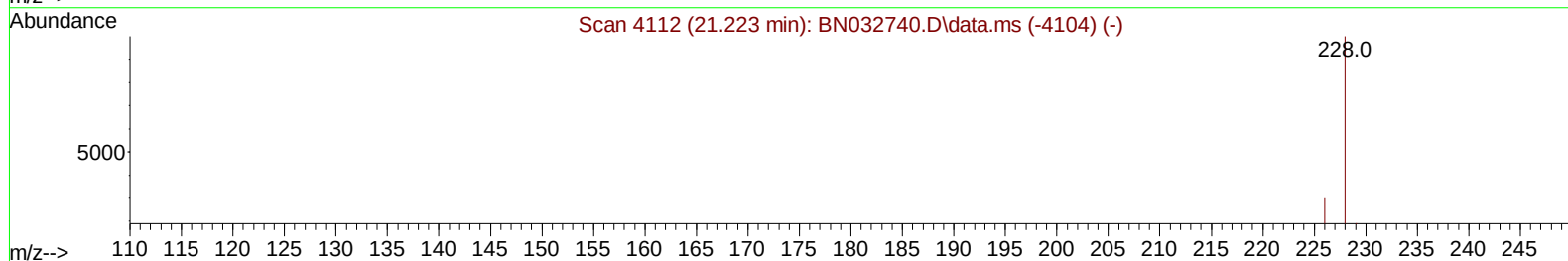
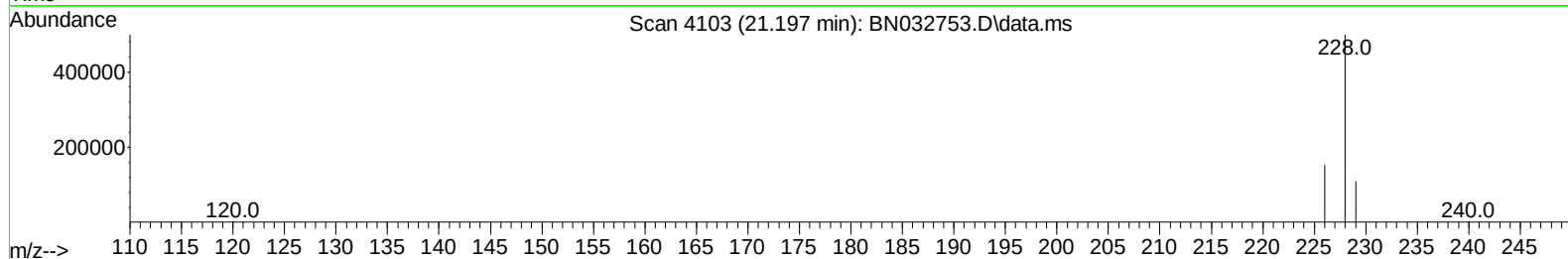
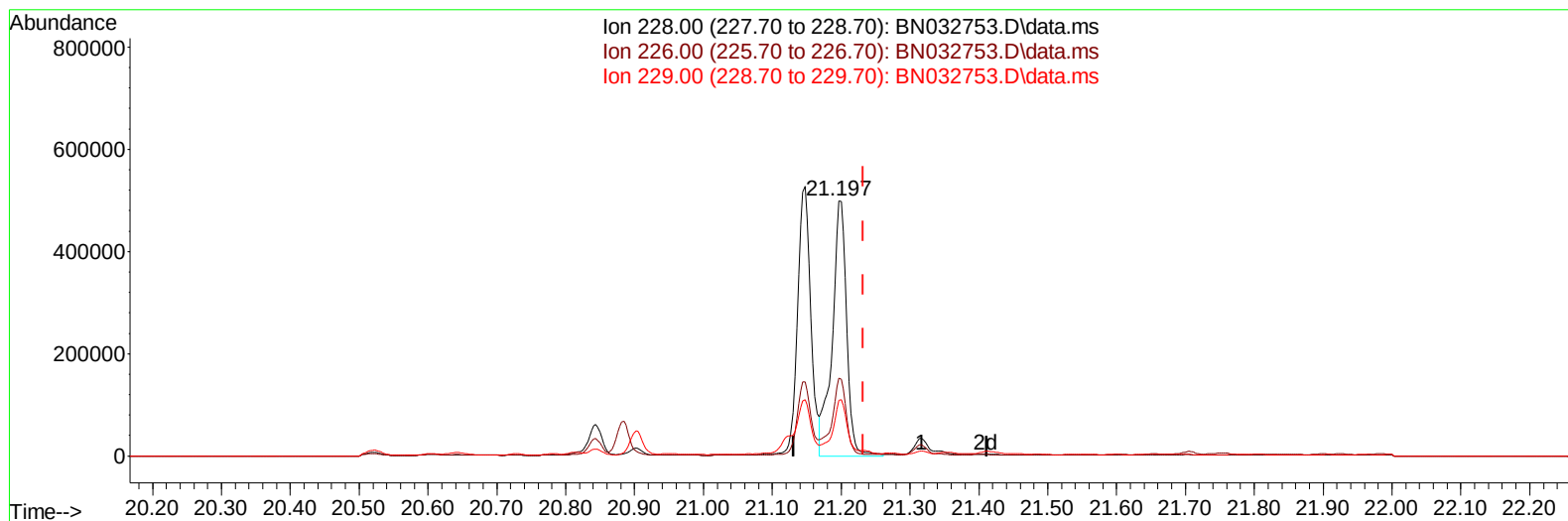
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:45 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: BN032753.D\data.ms

(22) Chrysene

21.197min (-0.035) 10.28 ng/ul m

response 729418

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.62
229.00	19.70	21.89
0.00	0.00	0.00

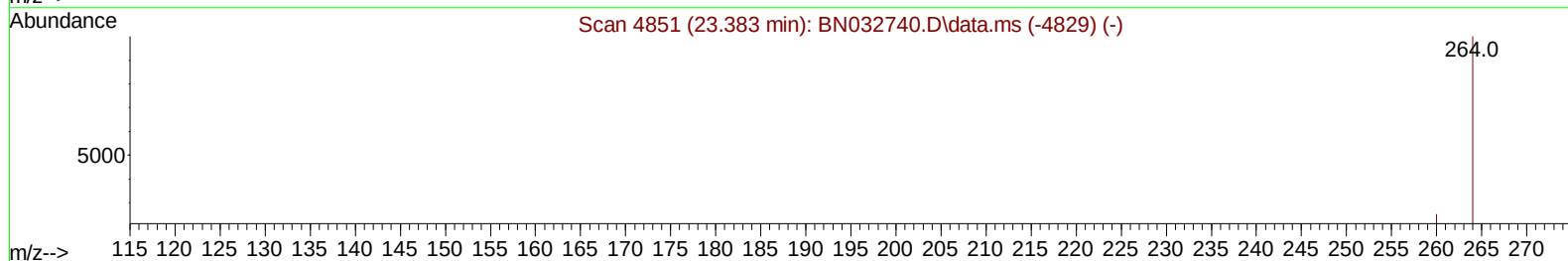
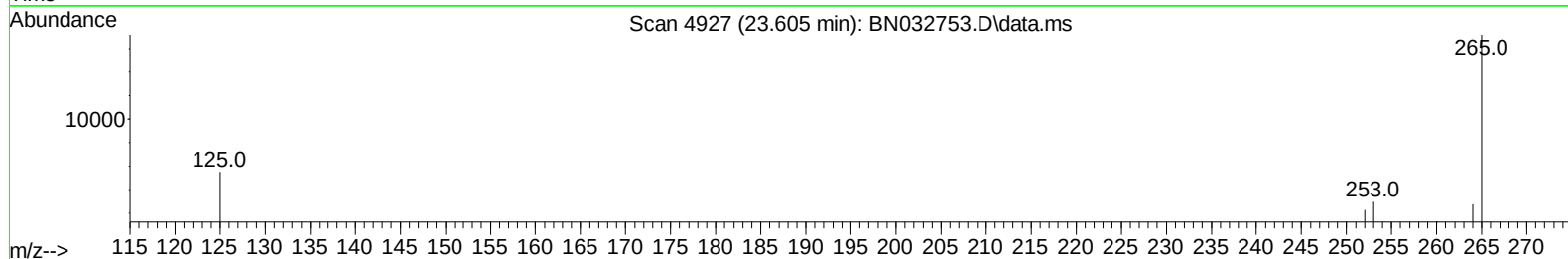
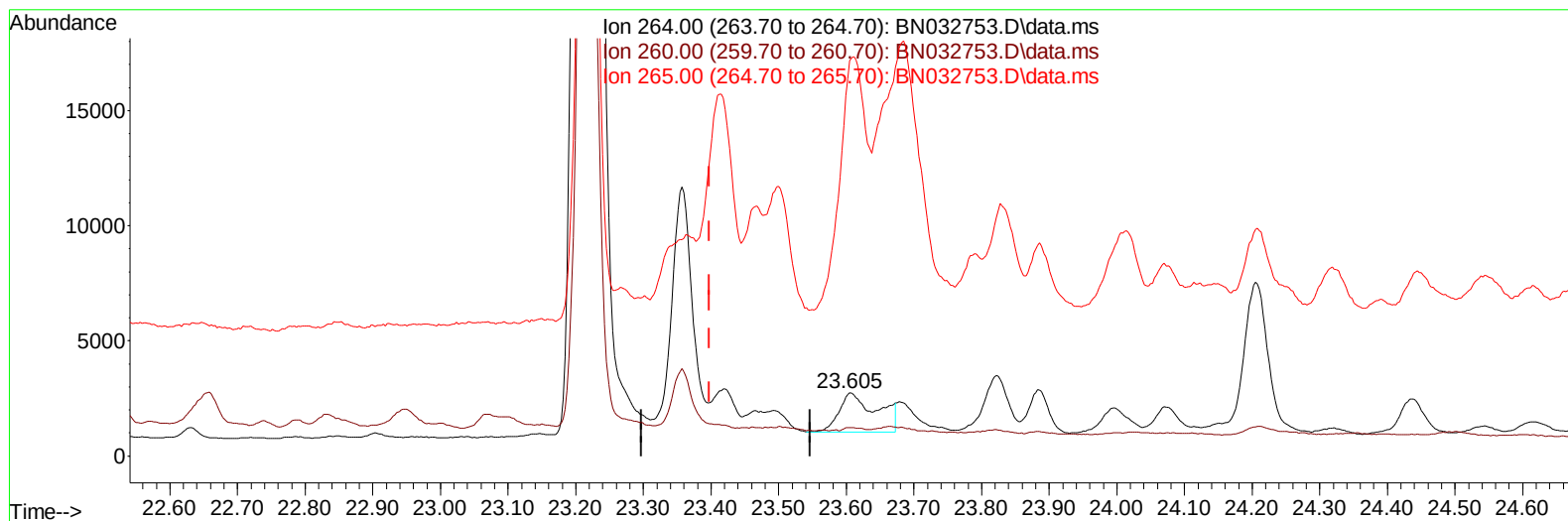
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(23) Perylene-d12 (I)

23.605min (+ 0.208) 0.40 ng/u1

response 6671

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	45.03#
265.00	95.50	627.49#
0.00	0.00	0.00

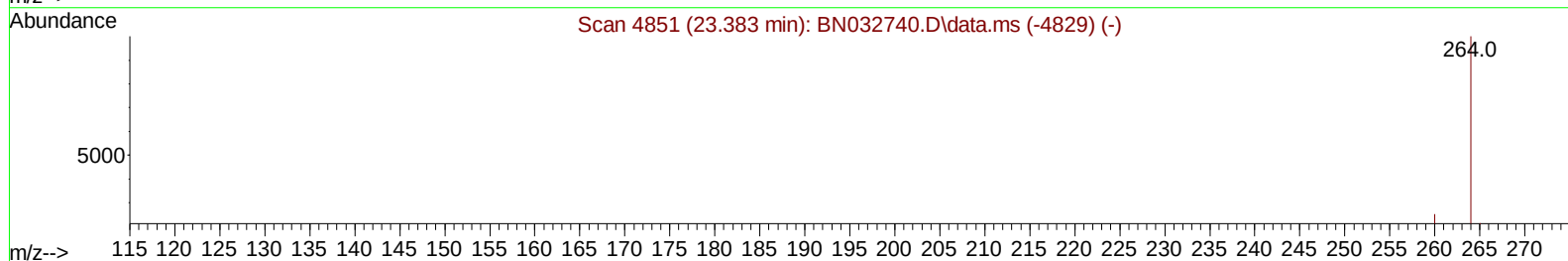
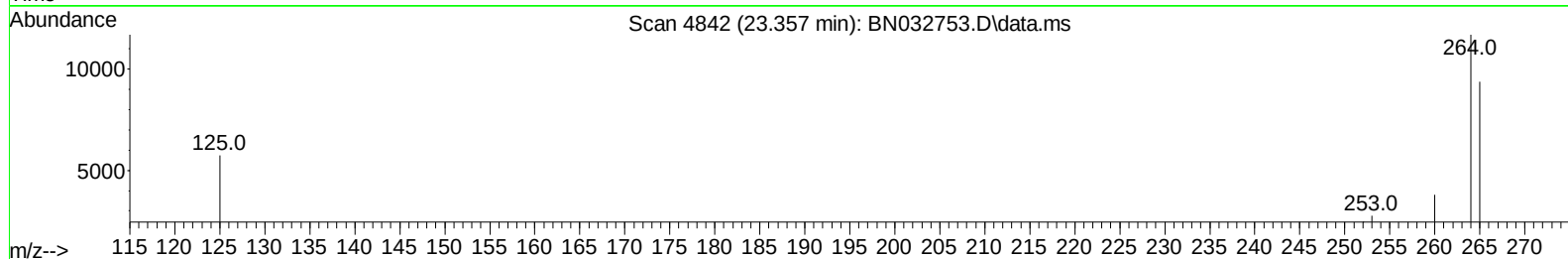
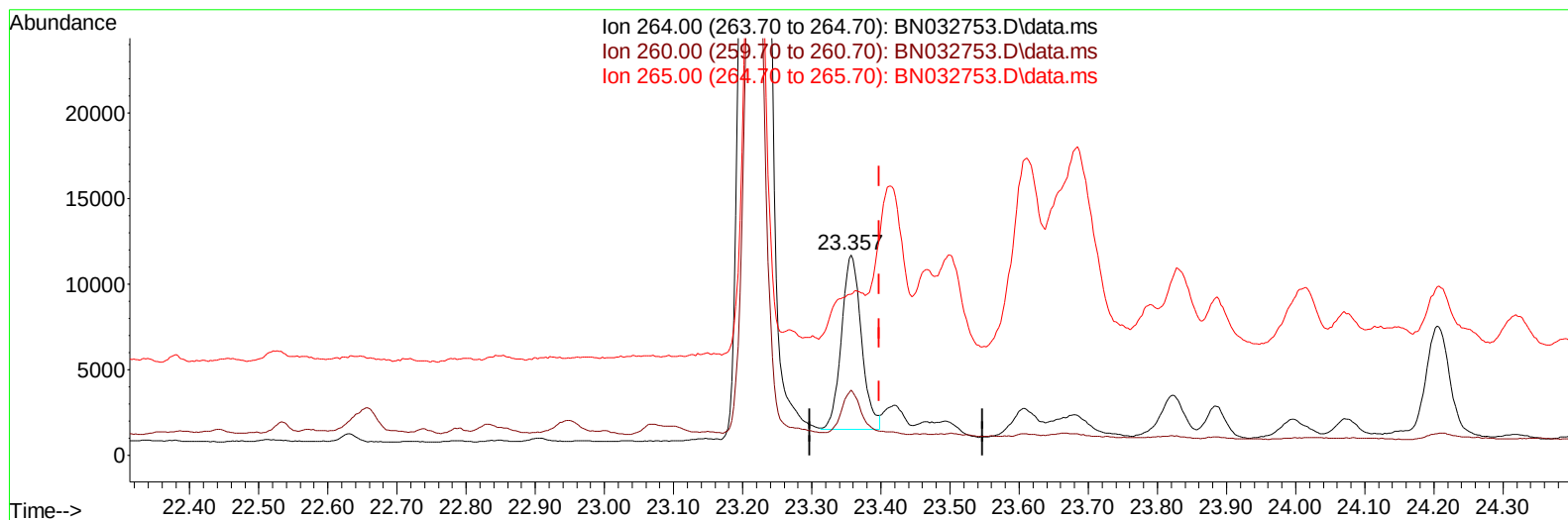
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(23) Perylene-d12 (I)

23.357min (-0.041) 0.40 ng/ul m

response 20331

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.36#
265.00	95.50	80.25
0.00	0.00	0.00

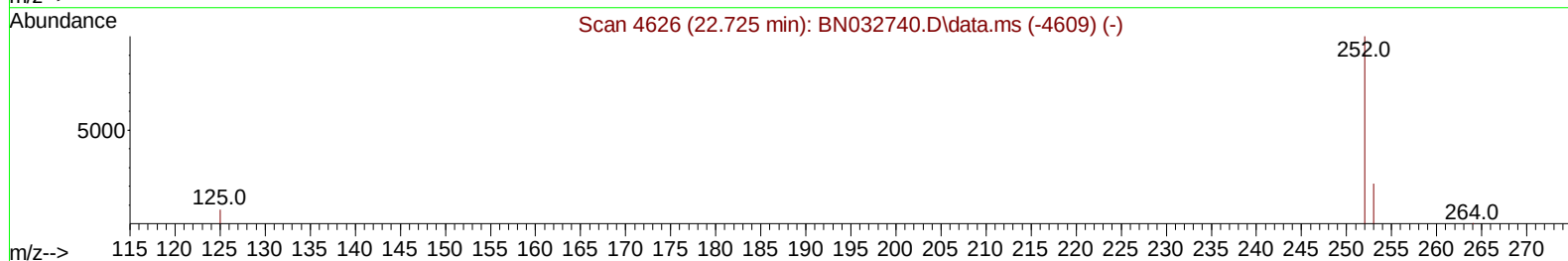
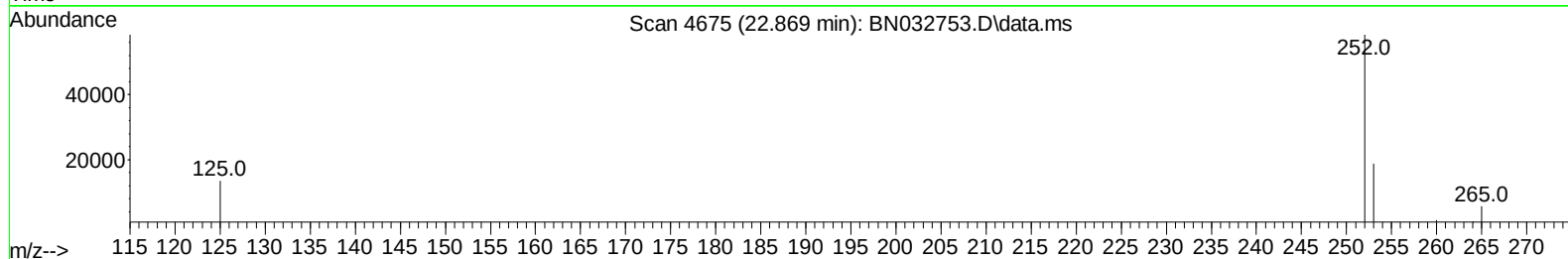
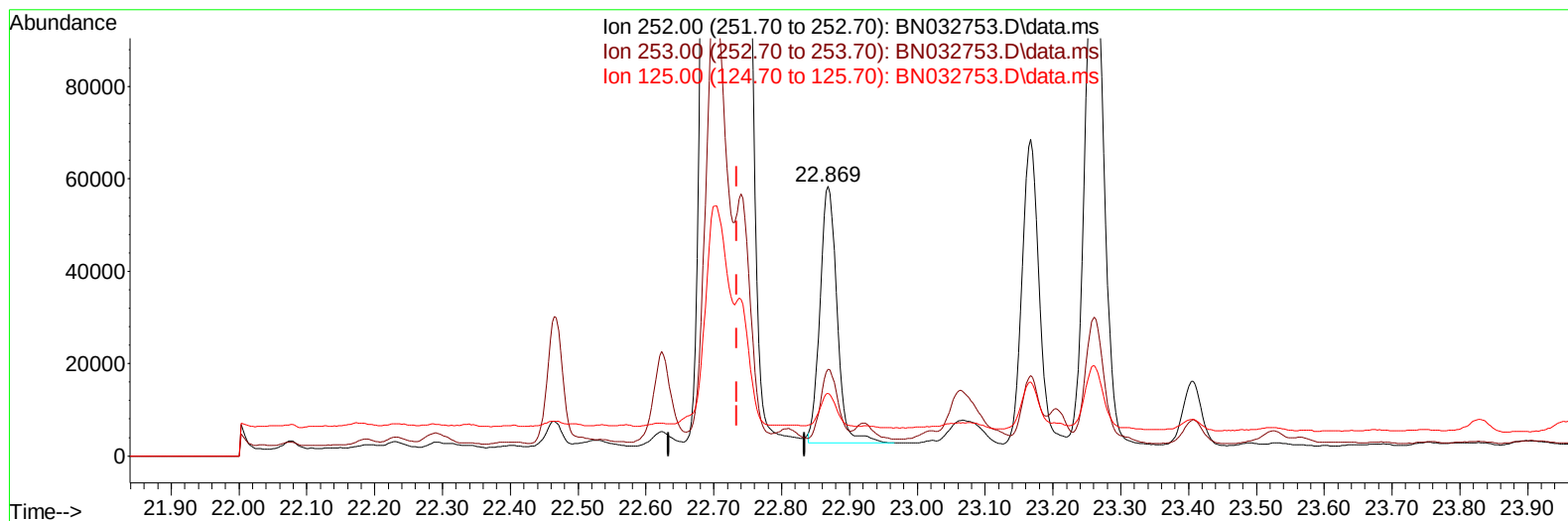
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(24) Benzo(b)fluoranthene

22.869min (+ 0.135) 1.35 ng/u1

response 97083

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.16
125.00	18.00	23.15
0.00	0.00	0.00

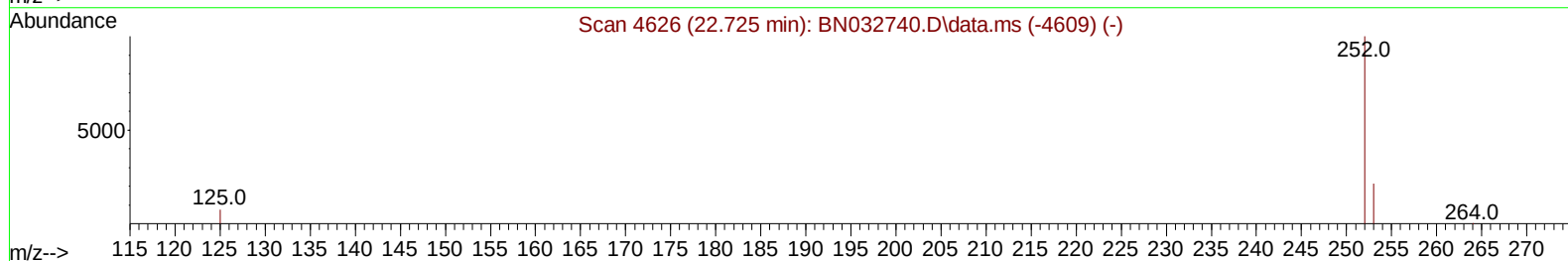
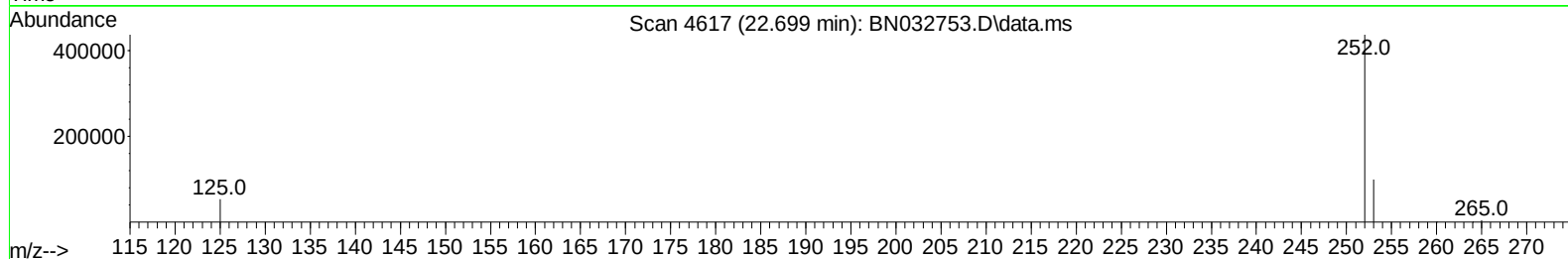
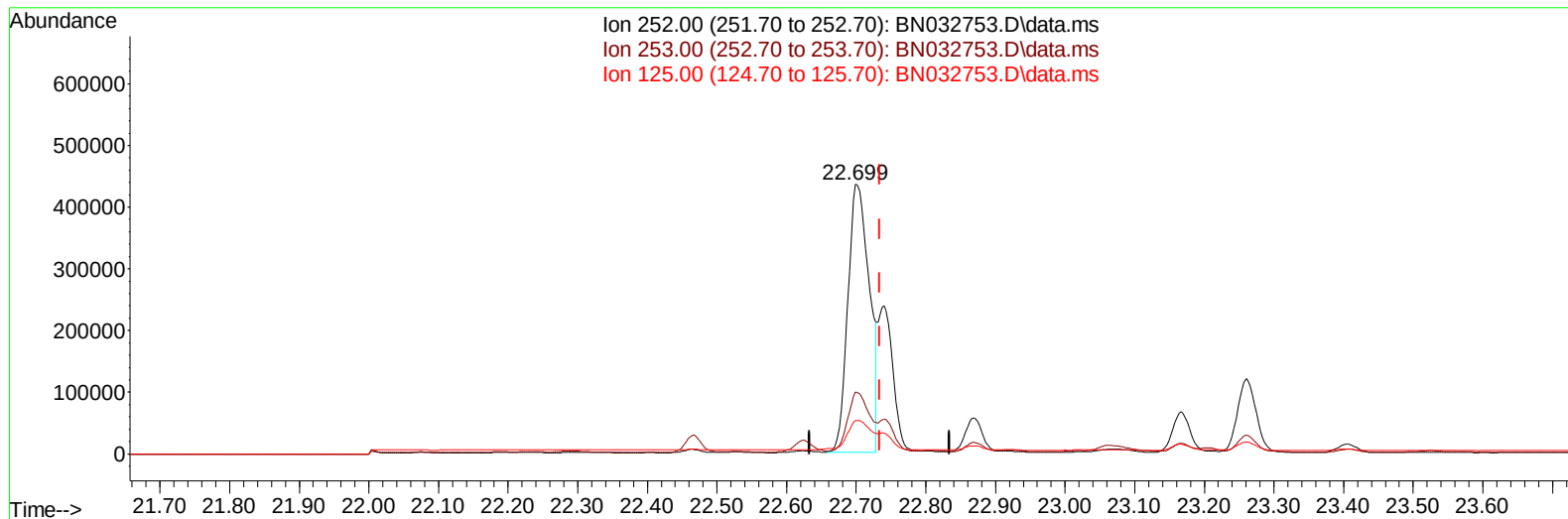
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.035) 13.03 ng/ul m

response 934692

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.94
125.00	18.00	12.38
0.00	0.00	0.00

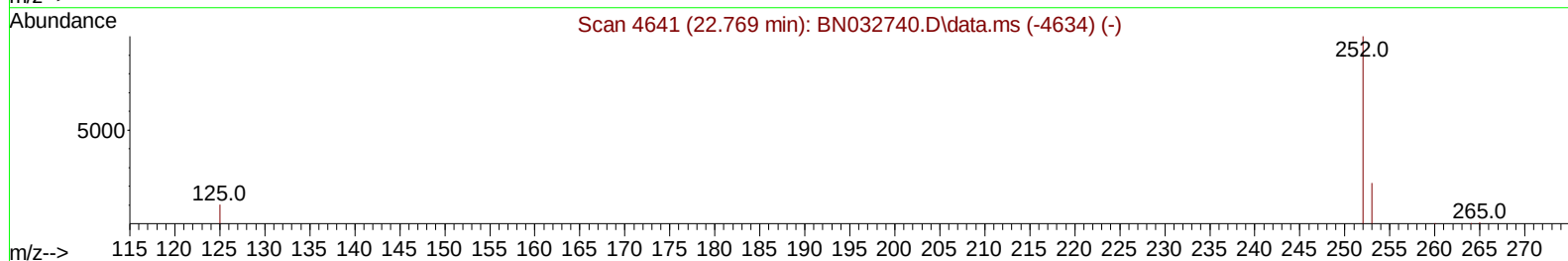
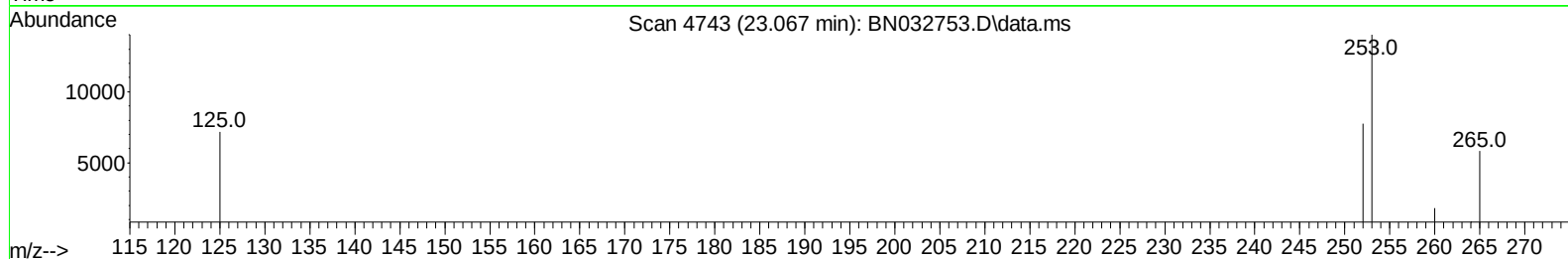
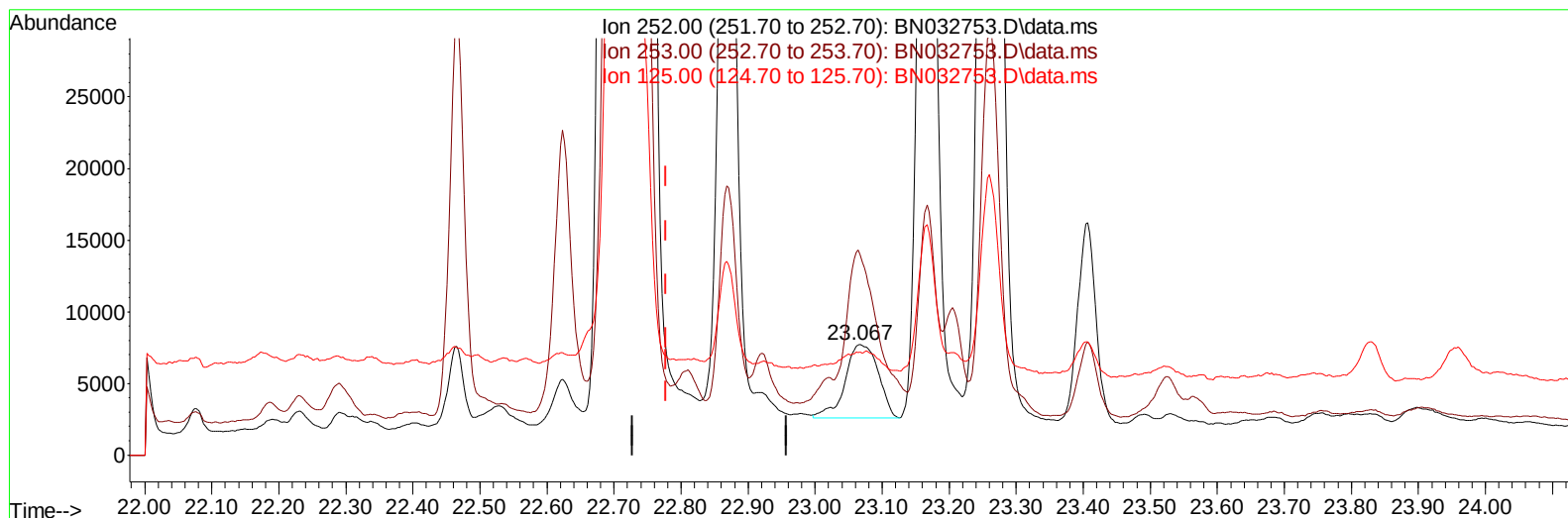
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(25) Benzo(k)fluoranthene

23.067min (+ 0.290) 0.20 ng/u1

response 17574

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	180.85#
125.00	18.50	92.89#
0.00	0.00	0.00

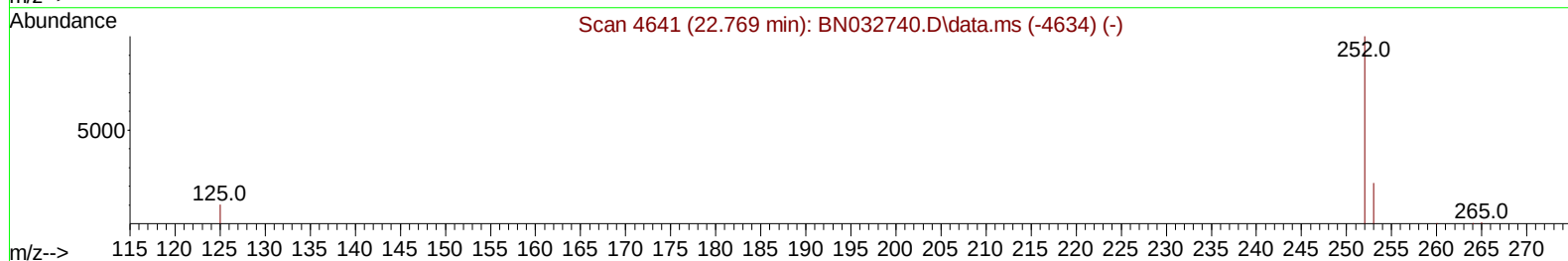
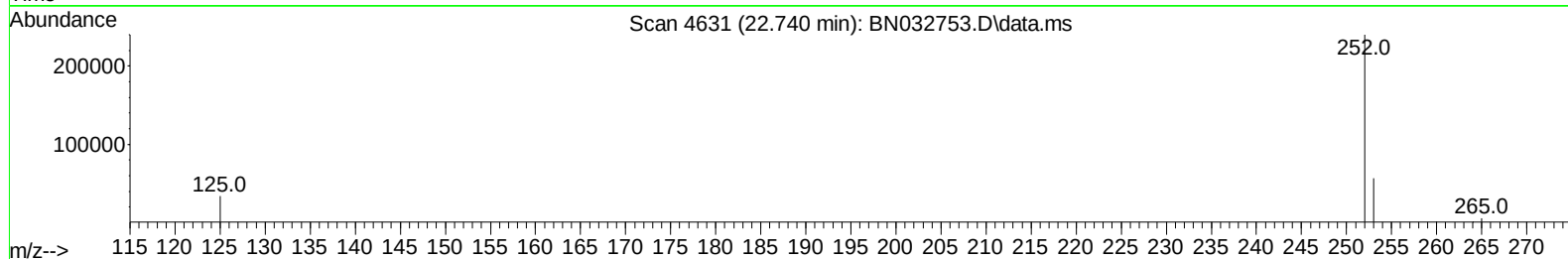
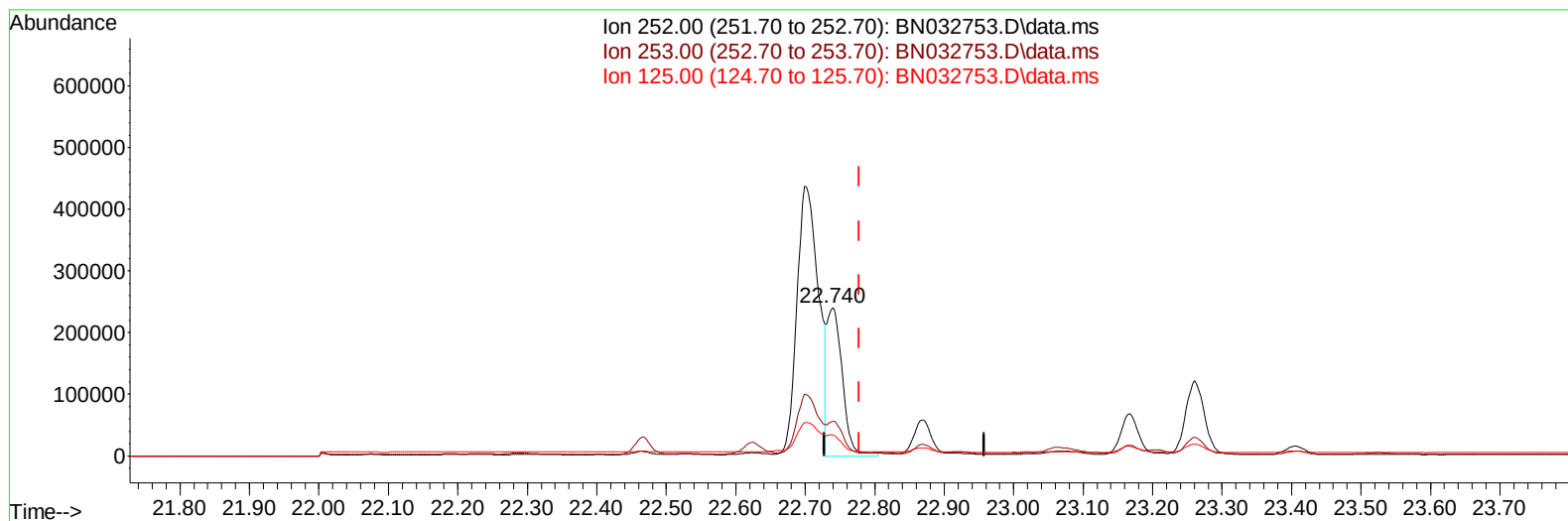
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(25) Benzo(k)fluoranthene

22.740min (-0.038) 4.23 ng/ul m

response 369729

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.63
125.00	18.50	14.15#
0.00	0.00	0.00

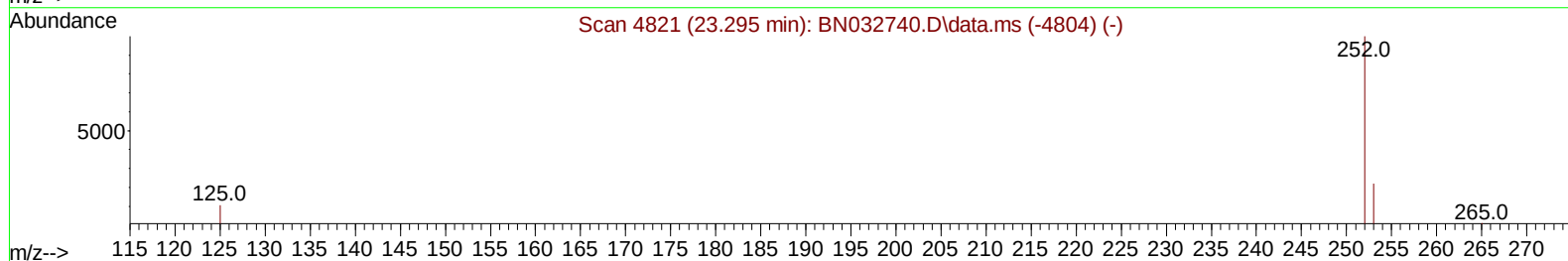
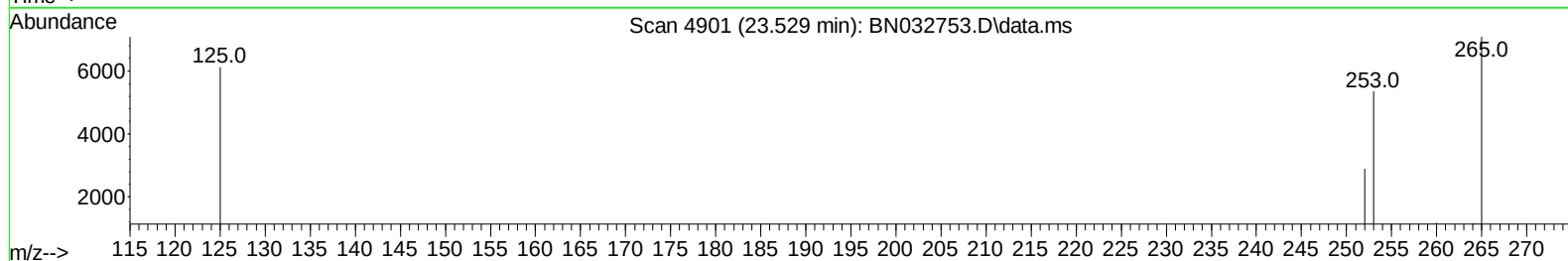
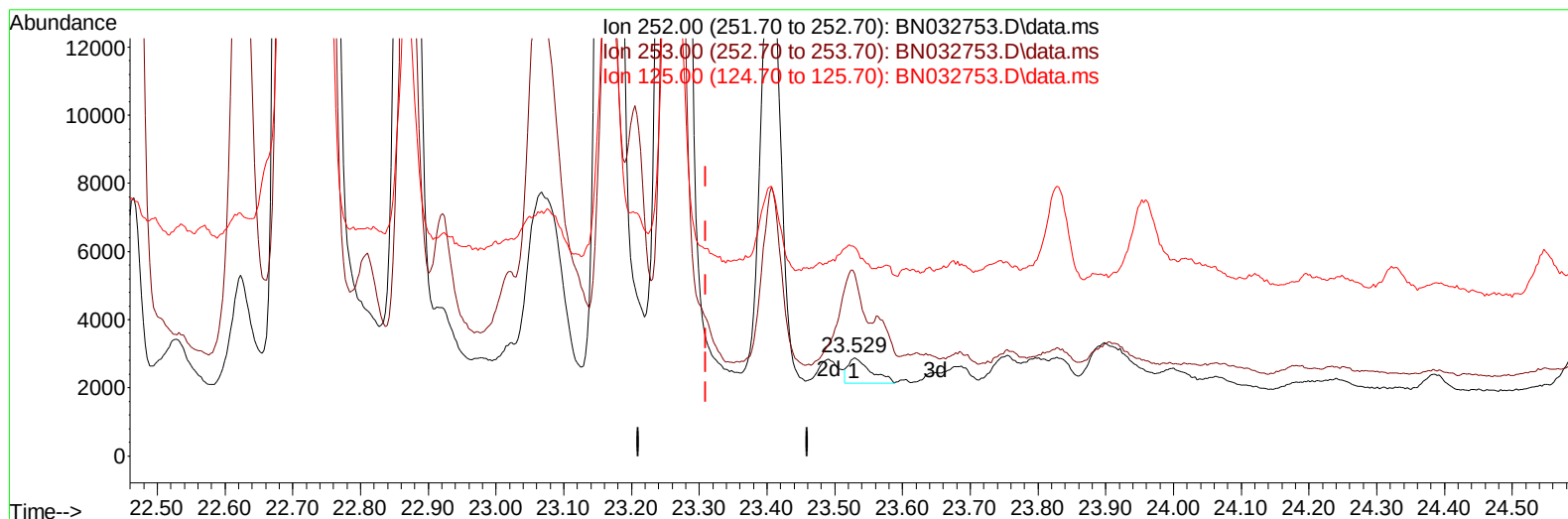
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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



TIC: BN032753.D\data.ms

(26) Benzo(a)pyrene (C)

23.529min (+ 0.219) 0.03 ng/u1

response 1683

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	185.48#
125.00	25.70	212.10#
0.00	0.00	0.00

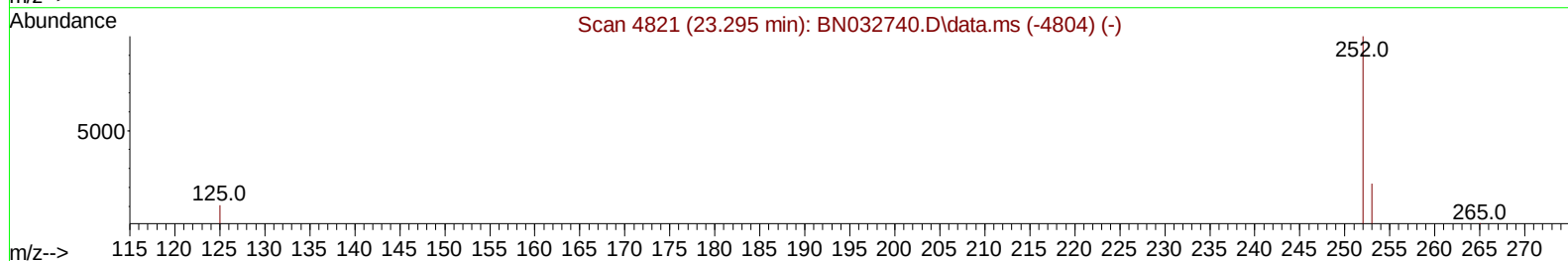
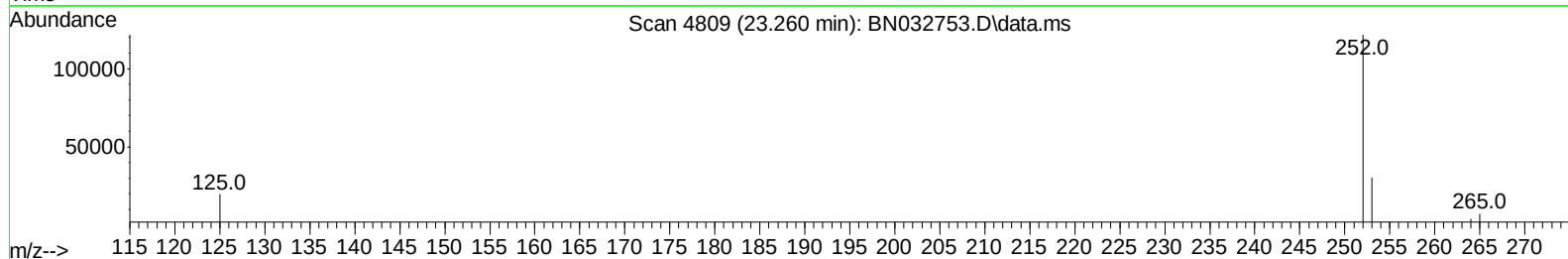
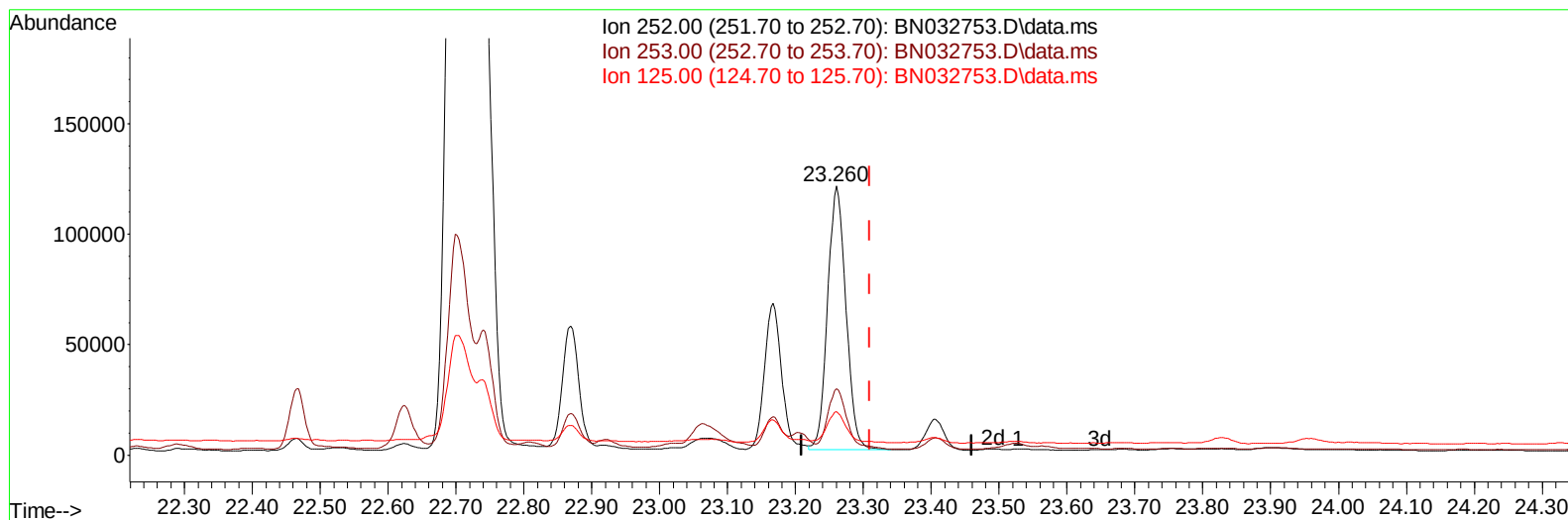
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

(26) Benzo(a)pyrene (C)

23.260min (-0.050) 3.62 ng/ul m

response 224956

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.72#
125.00	25.70	16.07#
0.00	0.00	0.00

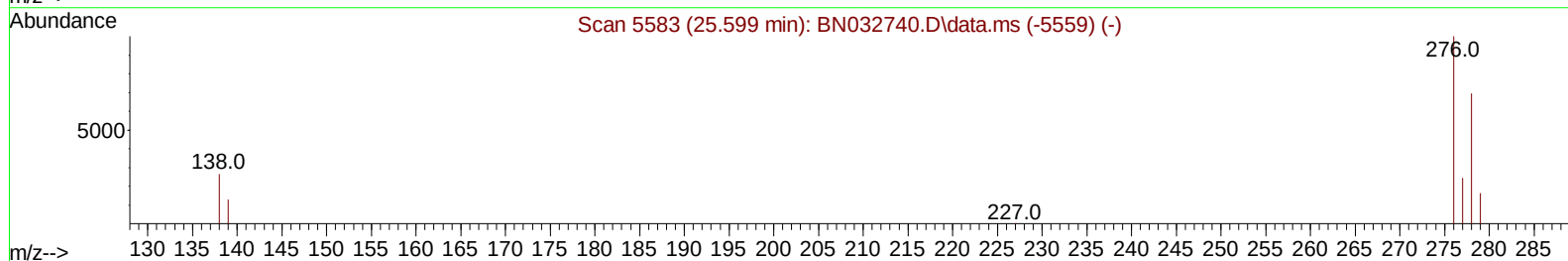
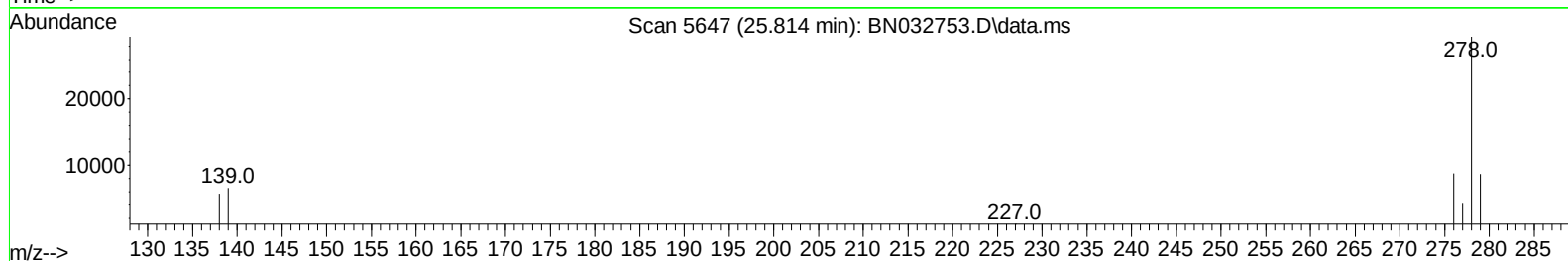
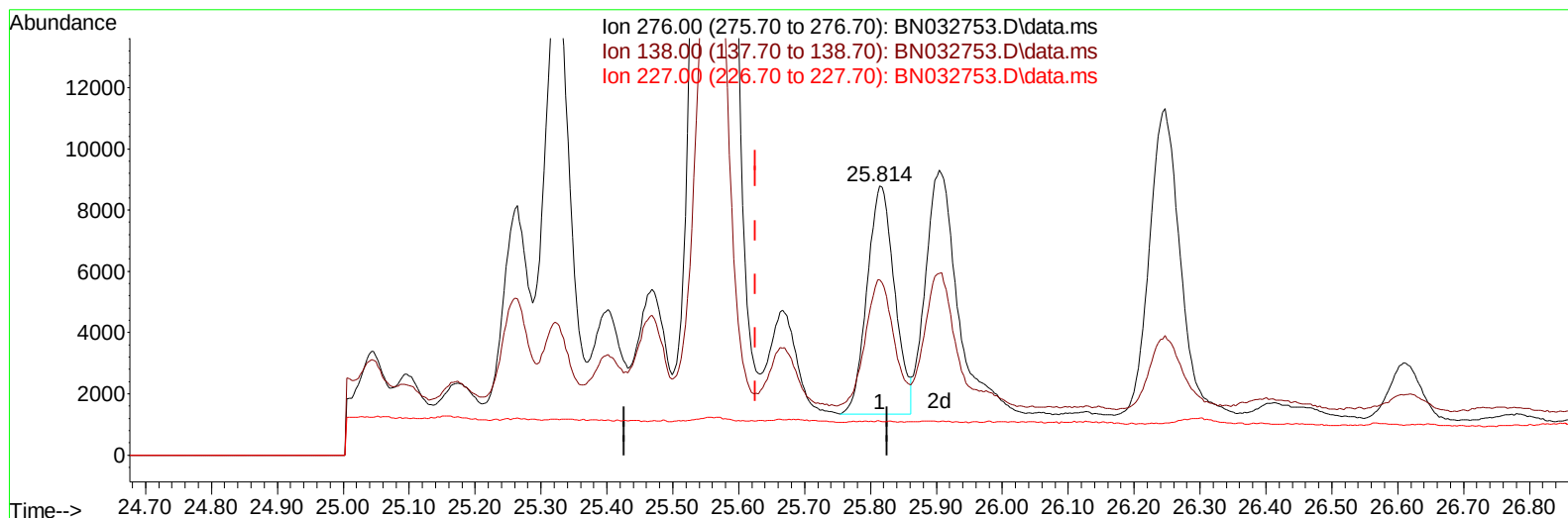
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032753.D\data.ms

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

25.814min (+ 0.188) 0.26 ng/u1

response 21506

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.38#
227.00	0.00	0.12#
0.00	0.00	0.00

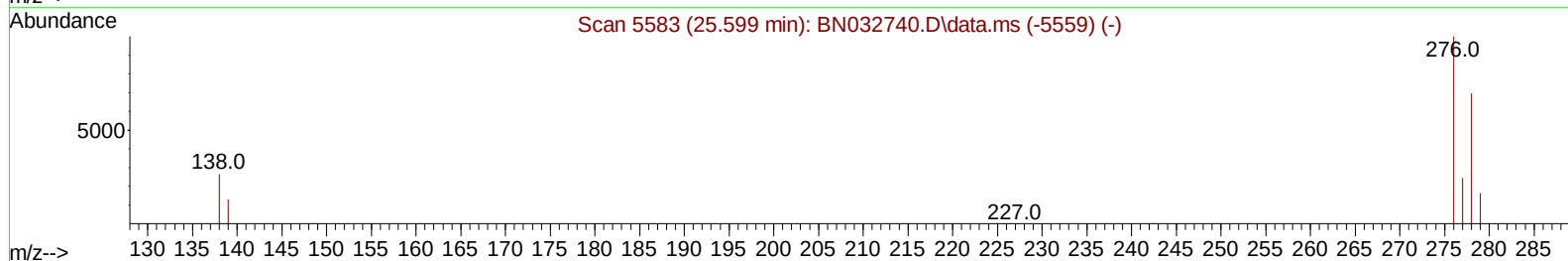
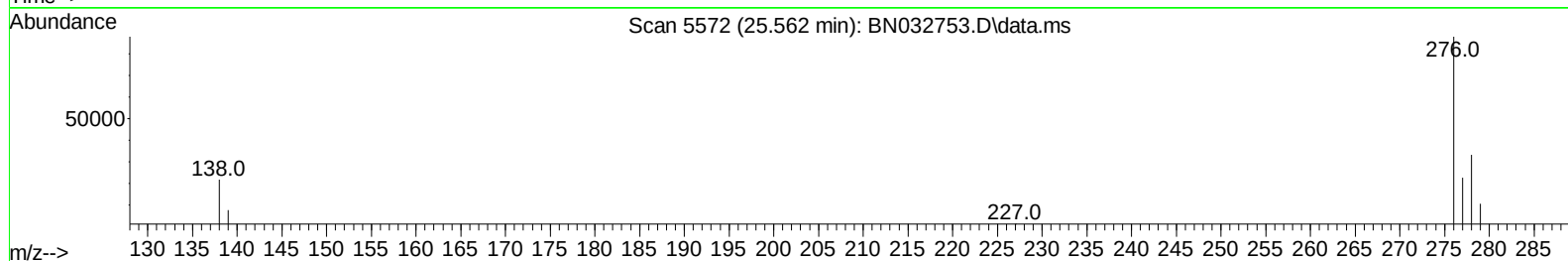
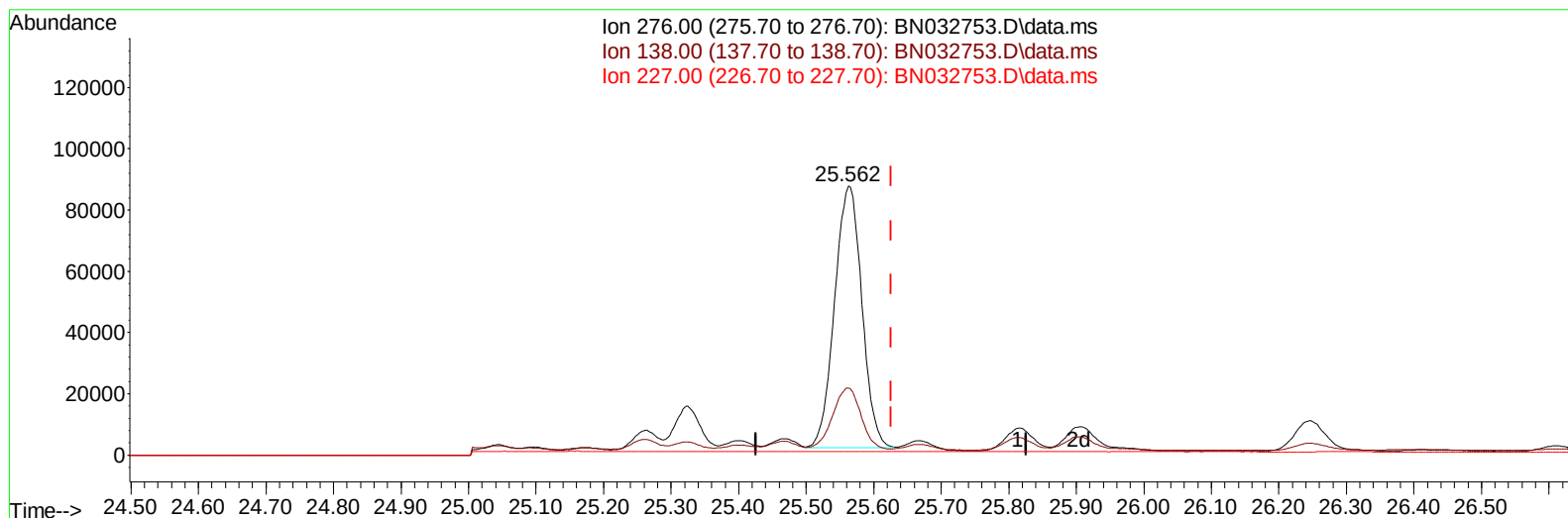
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:45 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: BN032753.D\data.ms

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

25.562min (-0.064) 2.85 ng/ul m

response 239773

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	5.15#
227.00	0.00	0.01#
0.00	0.00	0.00

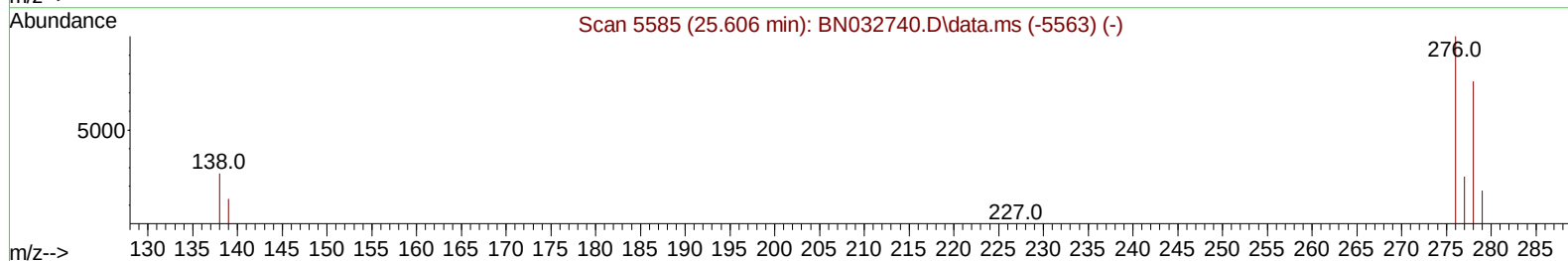
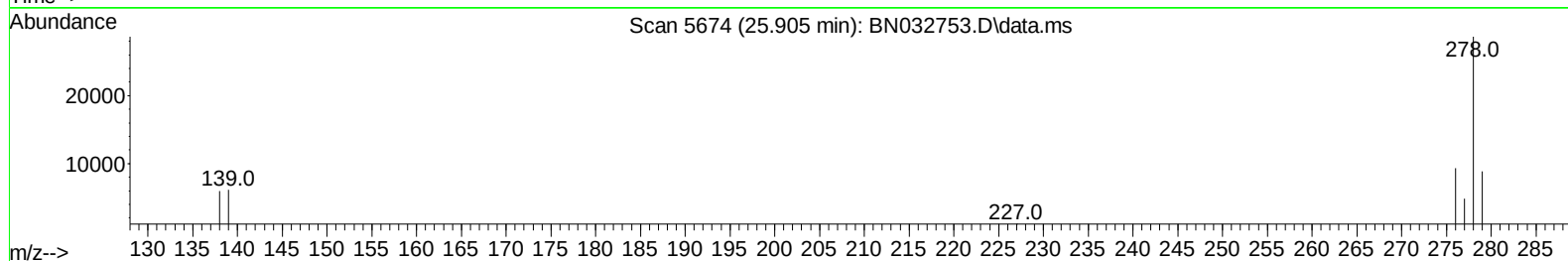
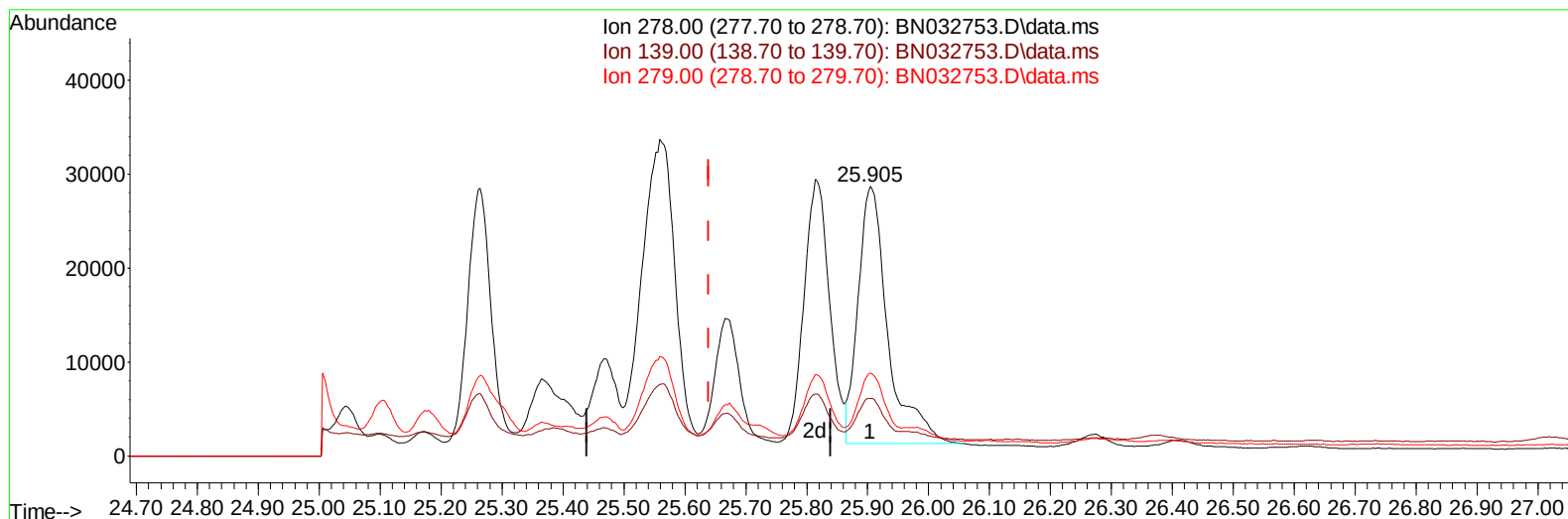
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032753.D\data.ms

(28) Dibenzo(a,h)anthracene

25.905min (+ 0.265) 1.43 ng/u1

response 93333

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	21.33
279.00	29.60	30.76
0.00	0.00	0.00

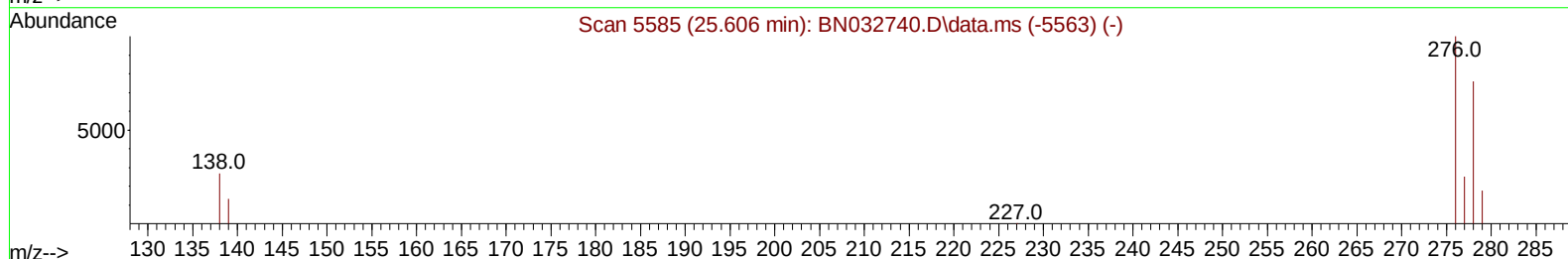
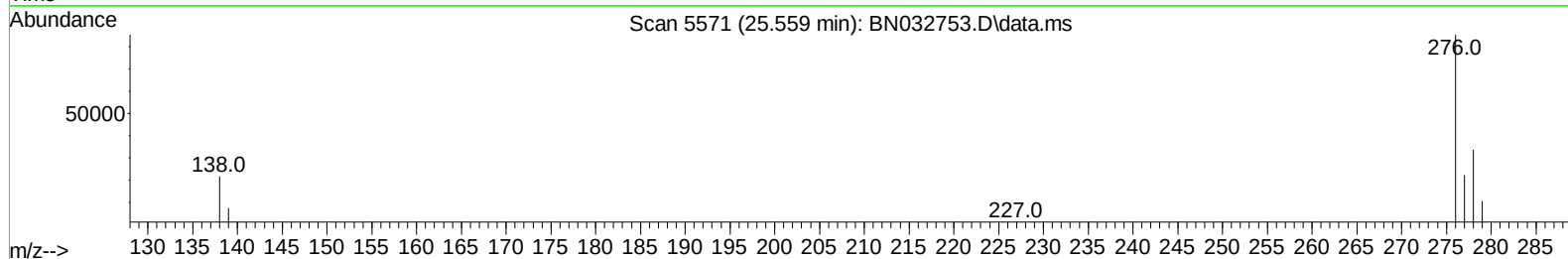
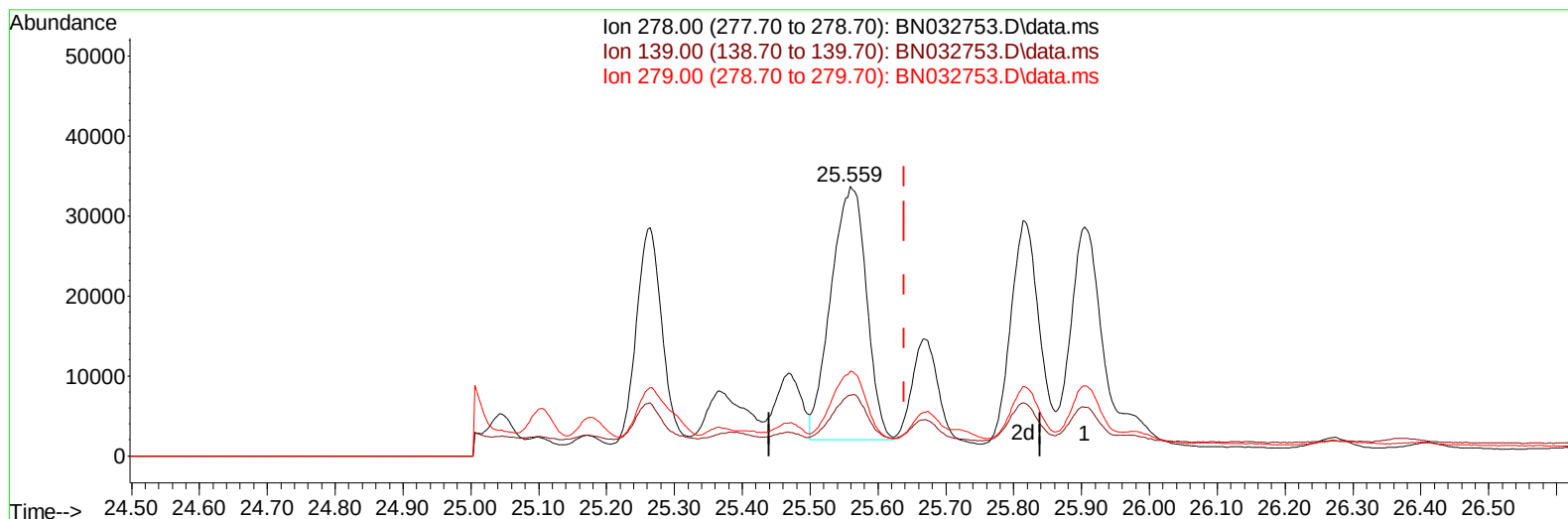
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032753.D\data.ms

(28) Dibenzo(a,h)anthracene

25.559min (-0.080) 1.76 ng/ul m

response 114677

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.56
279.00	29.60	31.39
0.00	0.00	0.00

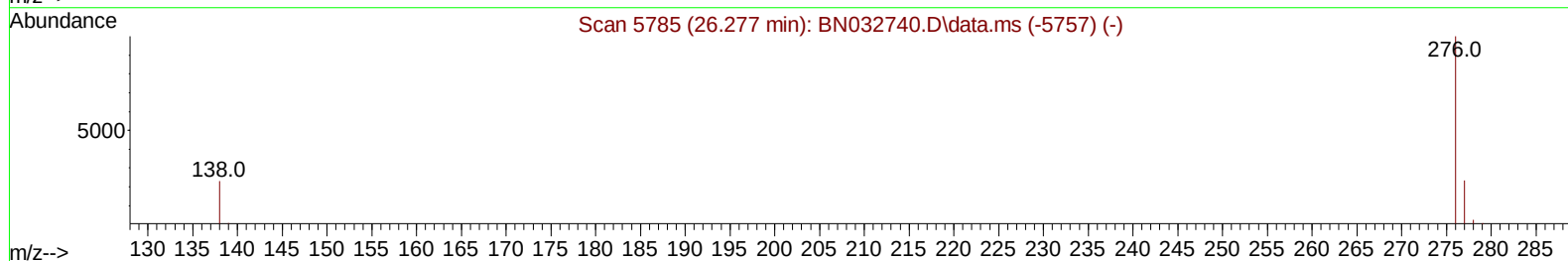
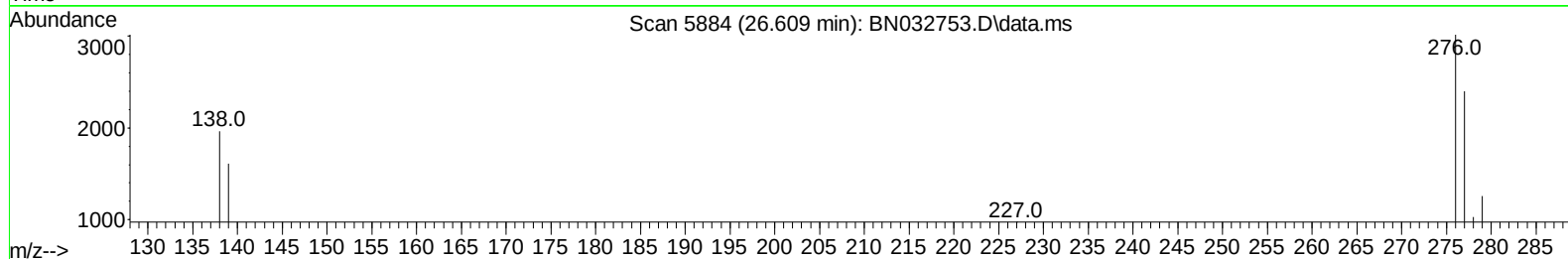
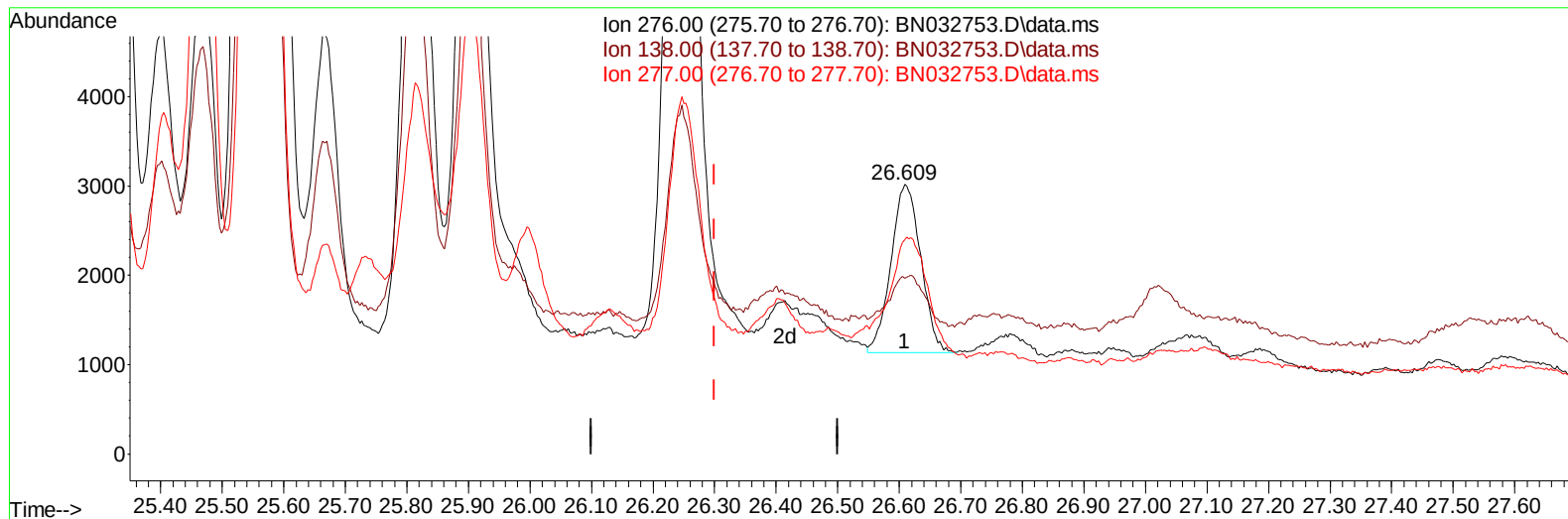
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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TIC: BN032753.D\data.ms

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

26.609min (+ 0.309) 0.09 ng/u1

response 6349

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	65.12#
277.00	25.80	79.54#
0.00	0.00	0.00

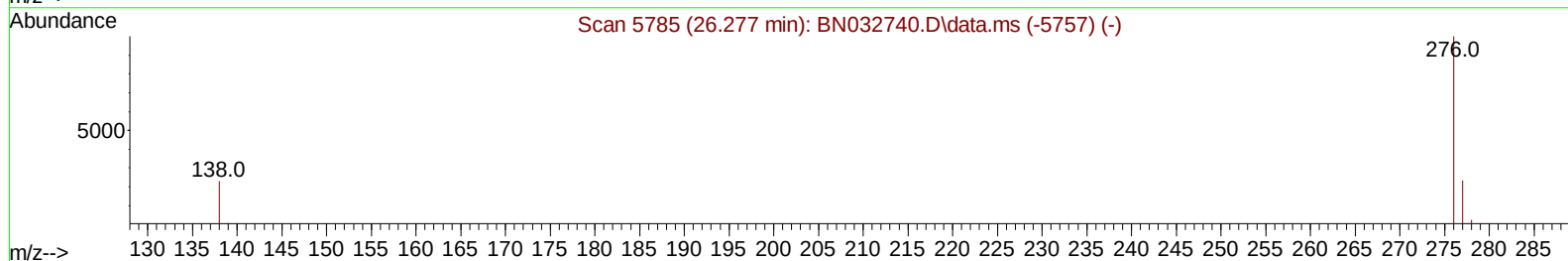
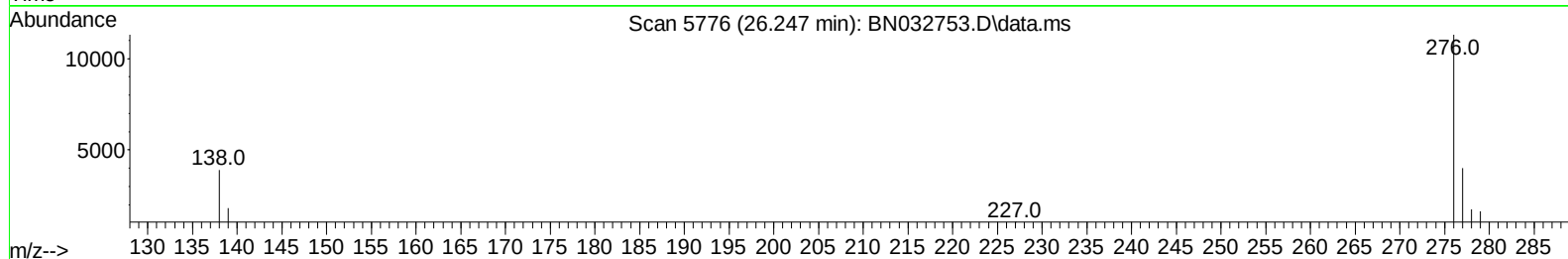
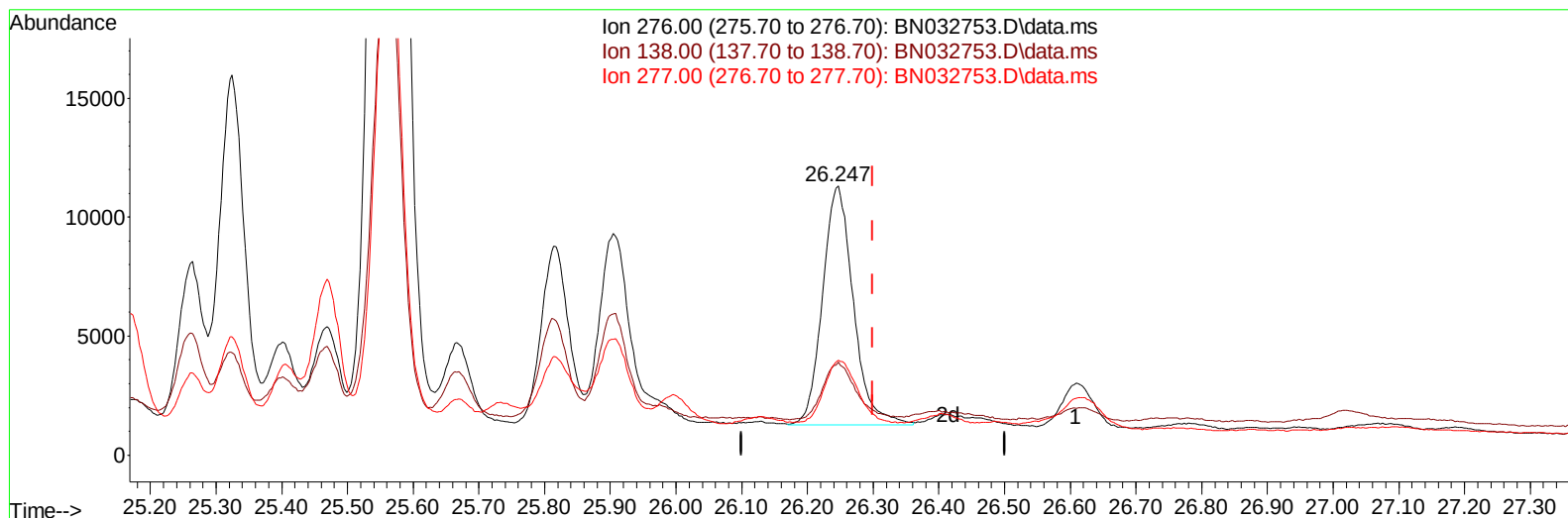
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:45 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032753.D\data.ms

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

26.247min (-0.054) 0.47 ng/ul m

response 32918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	34.57#
277.00	25.80	35.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032753.D
 Acq On : 16 Jul 2024 22:31
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3

Manual IntegrationsAPPROVED

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 QLast Update : Fri Jul 12 01:40:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4627	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	15043	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8701	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.949	188	18903m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.162	240	15412m	0.400	ng/ul	-0.03
23) Perylene-d12	23.357	264	20331m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12941	2.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2938	0.129	ng/ul	-0.05
18) Fluoranthene-d10	18.990	212	8372m	0.167	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	51769	1.282	ng/ul	97
7) 2-Methylnaphthalene	11.988	142	19806	0.785	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	18065	0.693	ng/ul	99
10) Acenaphthylene	13.911	152	19543	0.556	ng/ul#	96
11) Acenaphthene	14.253	153	86819	2.986	ng/ul	98
12) Fluorene	15.248	166	75617	2.275	ng/ul	99
15) Phenanthrene	16.991	178	1323012m	25.699	ng/ul	
16) Anthracene	17.084	178	198660m	4.723	ng/ul	
19) Fluoranthene	19.022	202	1786490m	28.510	ng/ul	
20) Pyrene	19.385	202	918206m	14.157	ng/ul	
21) Benzo(a)anthracene	21.147	228	705845m	14.388	ng/ul	
22) Chrysene	21.197	228	729418m	10.278	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	934692m	13.030	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	369729m	4.229	ng/ul	
26) Benzo(a)pyrene	23.260	252	224956m	3.624	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.562	276	239773m	2.852	ng/ul	
28) Dibenzo(a,h)anthracene	25.559	278	114677m	1.760	ng/ul	
29) Benzo(g,h,i)perylene	26.247	276	32918m	0.469	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
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Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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