

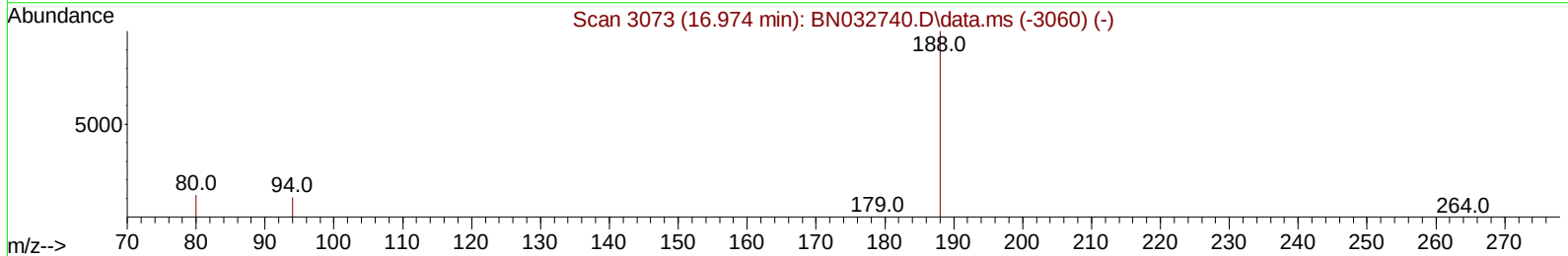
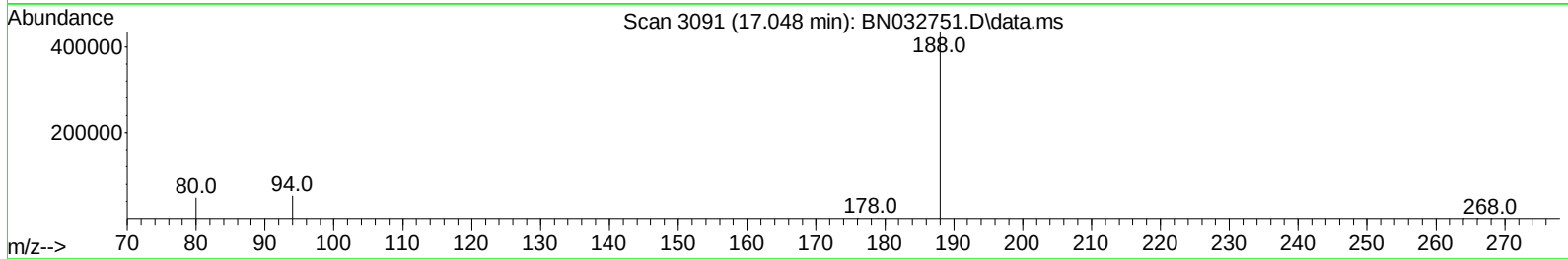
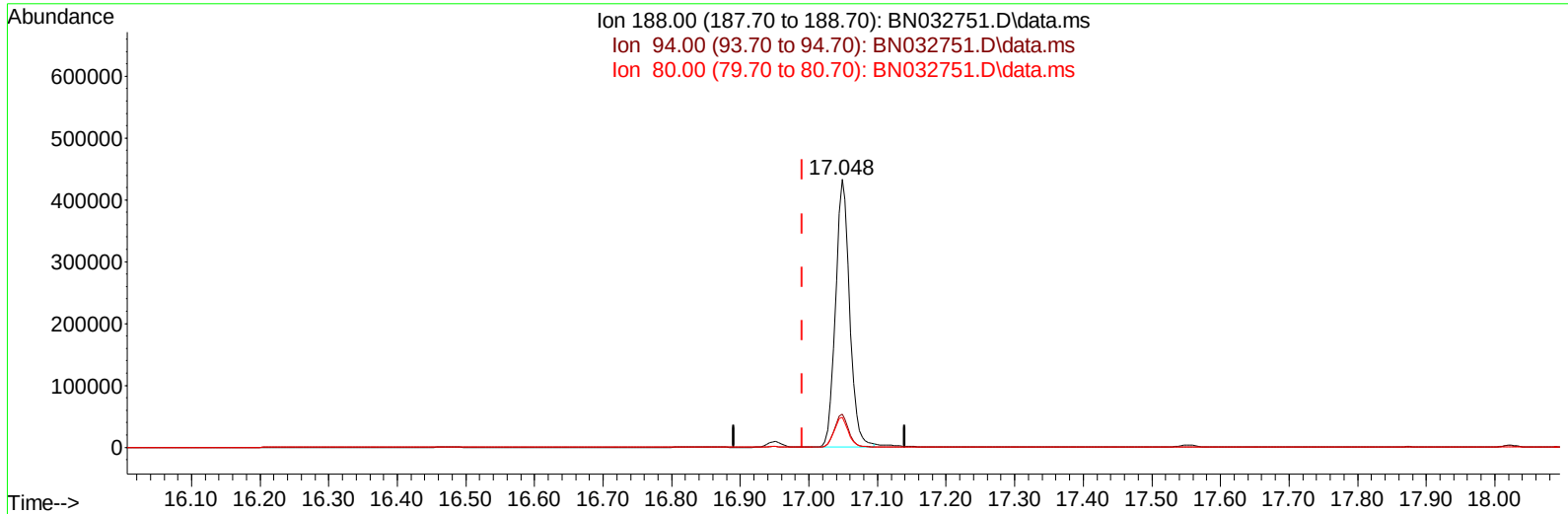
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(13) Phenanthrene-d10 (I)

17.048min (+ 0.058) 0.40 ng/u1

response 624135

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.37
80.00	12.00	11.12
0.00	0.00	0.00

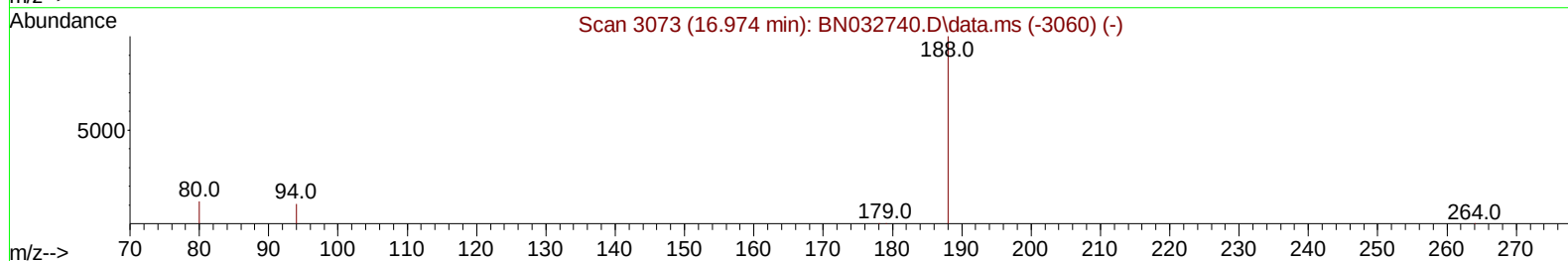
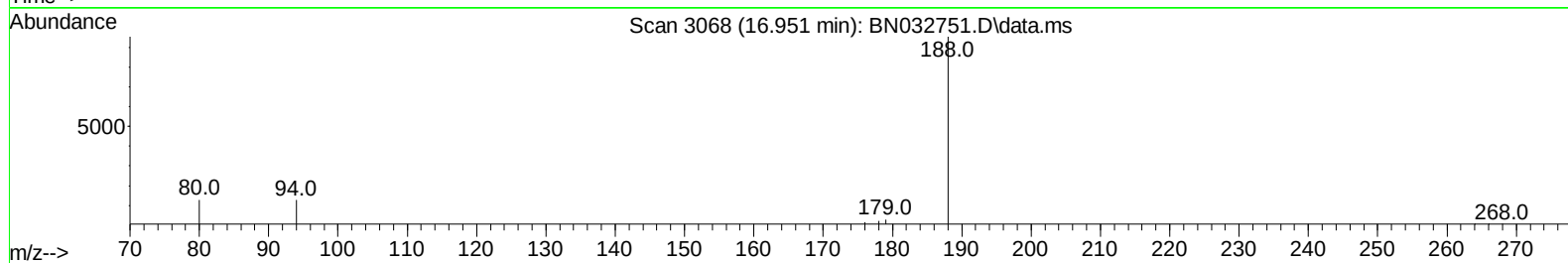
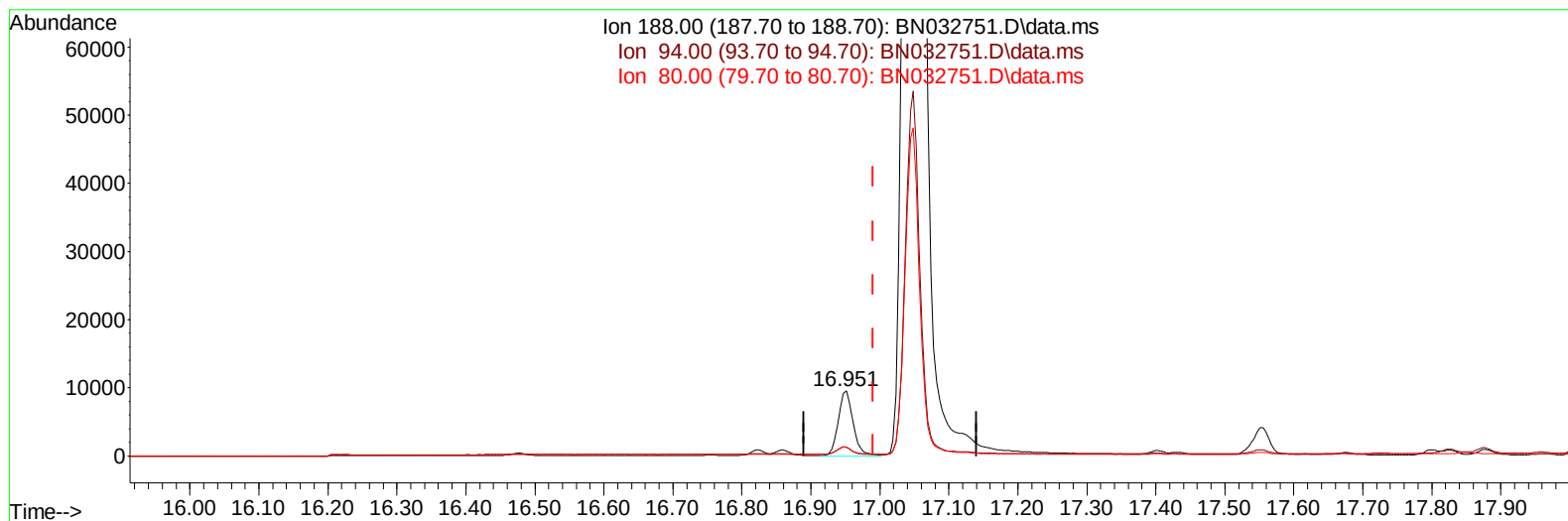
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (-0.039) 0.40 ng/ul m

response 14345

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.30#
80.00	12.00	13.50
0.00	0.00	0.00

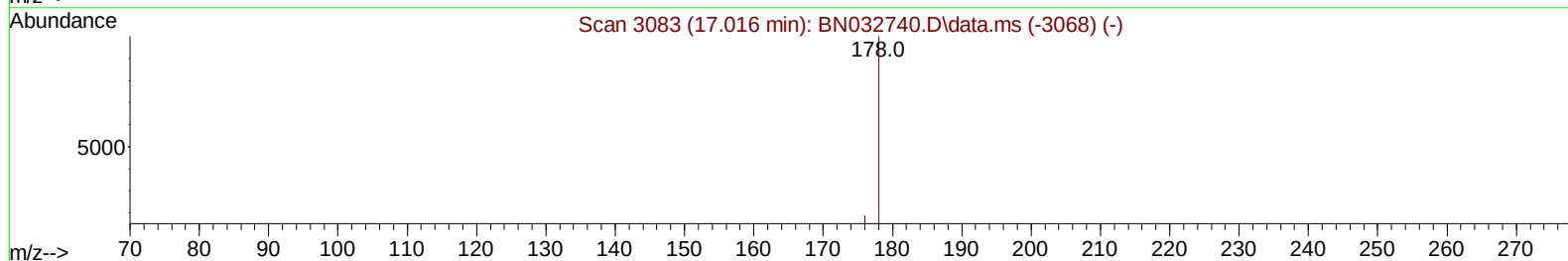
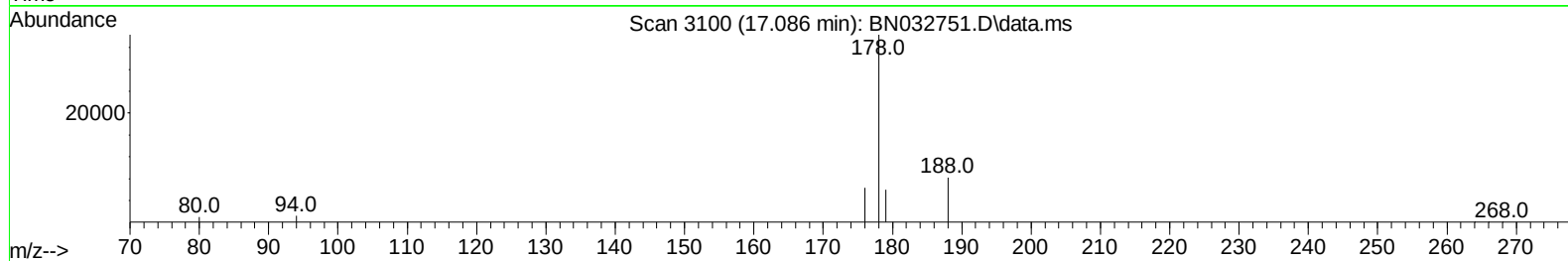
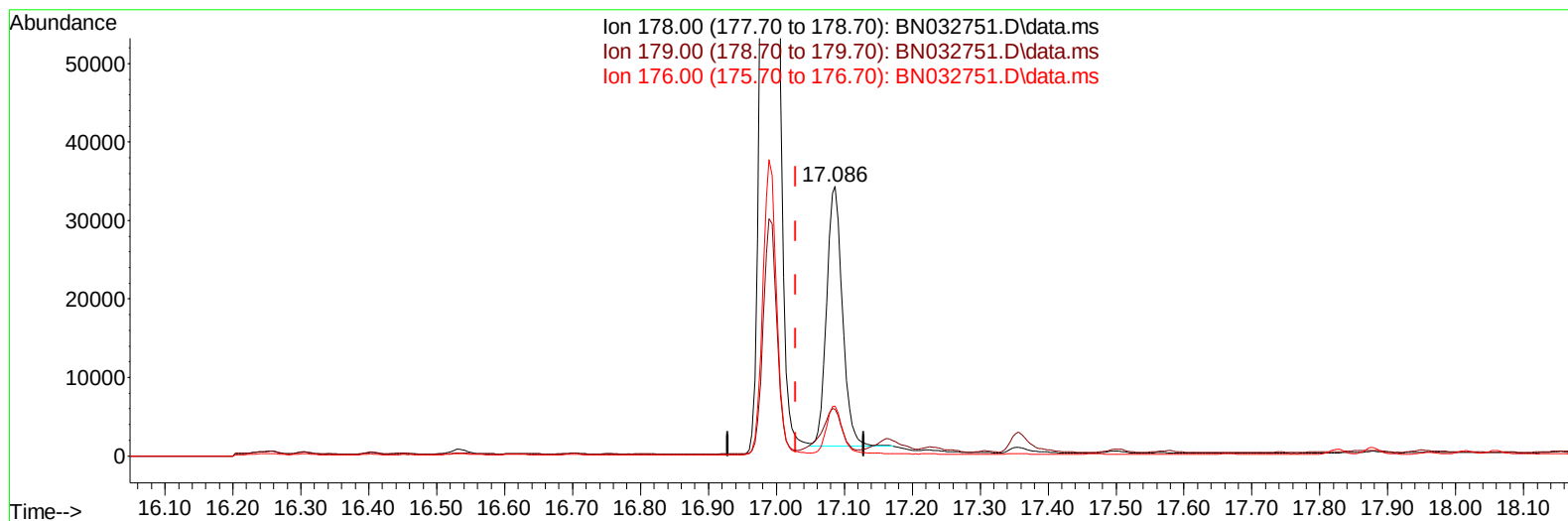
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(15) Phenanthrene

17.086min (+ 0.058) 1.37 ng/u1

response 53713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.38
176.00	19.50	18.57
0.00	0.00	0.00

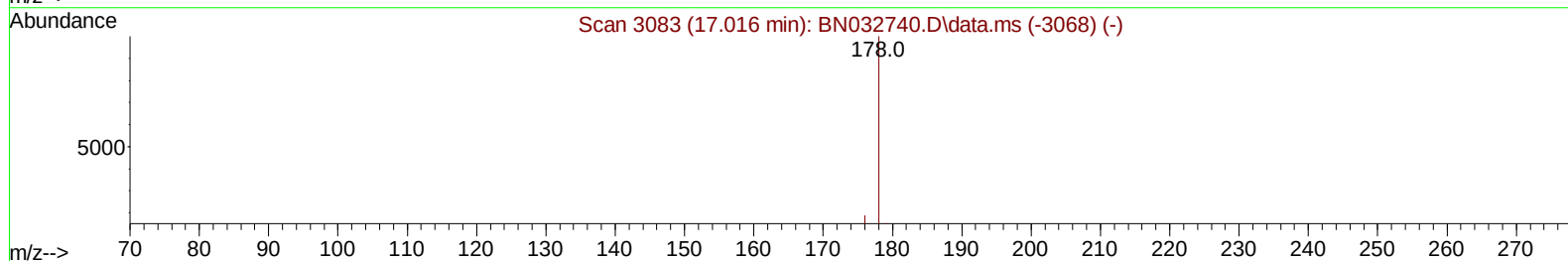
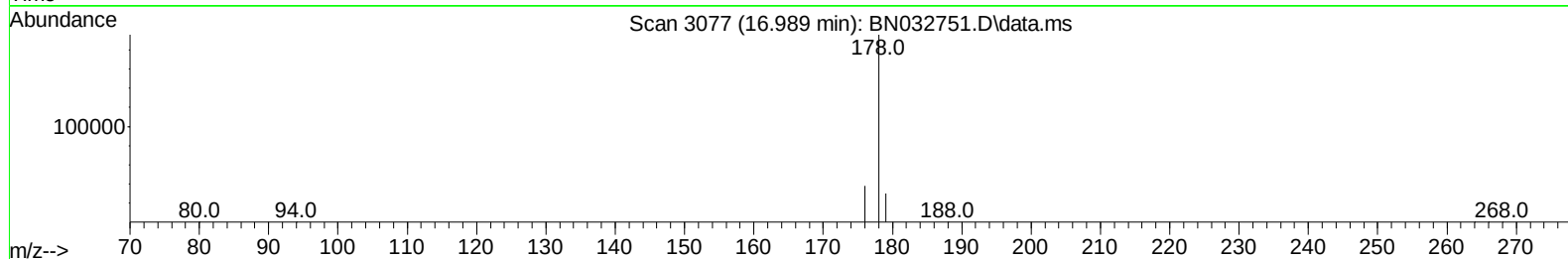
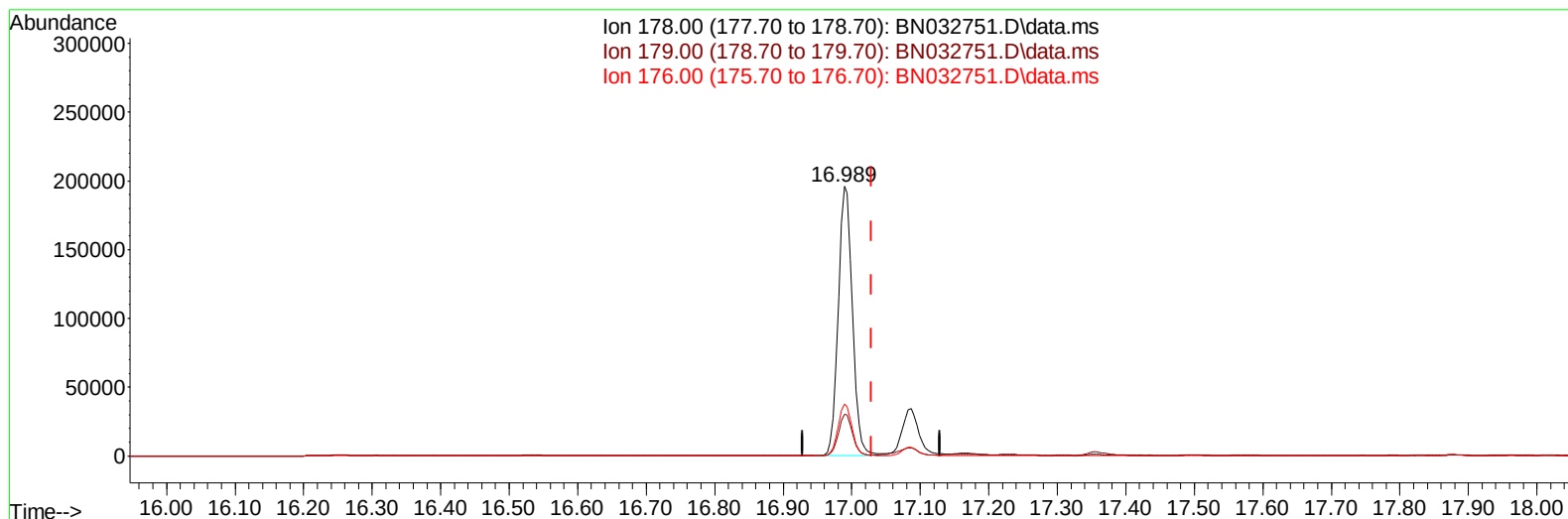
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(15) Phenanthrene

16.989min (-0.039) 7.20 ng/ul m

response 281352

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.42
176.00	19.50	19.29
0.00	0.00	0.00

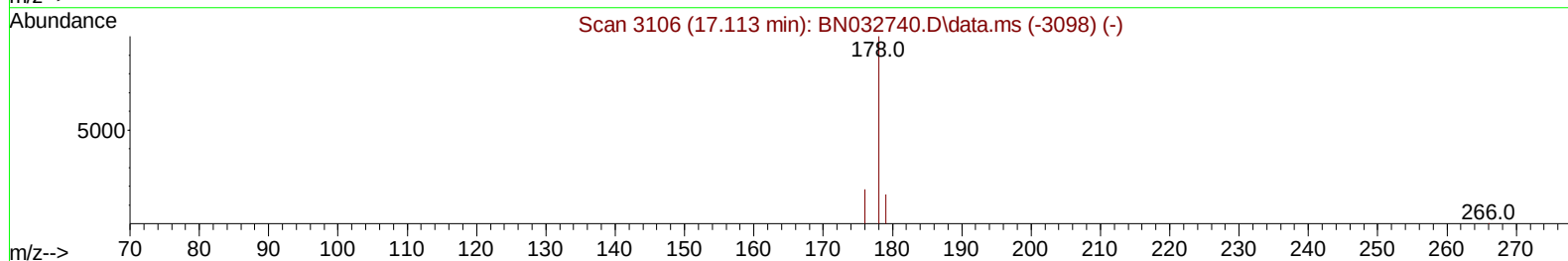
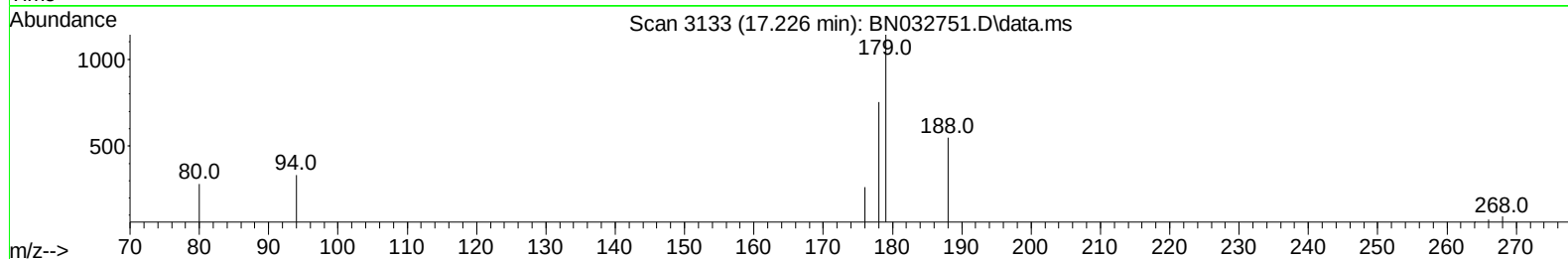
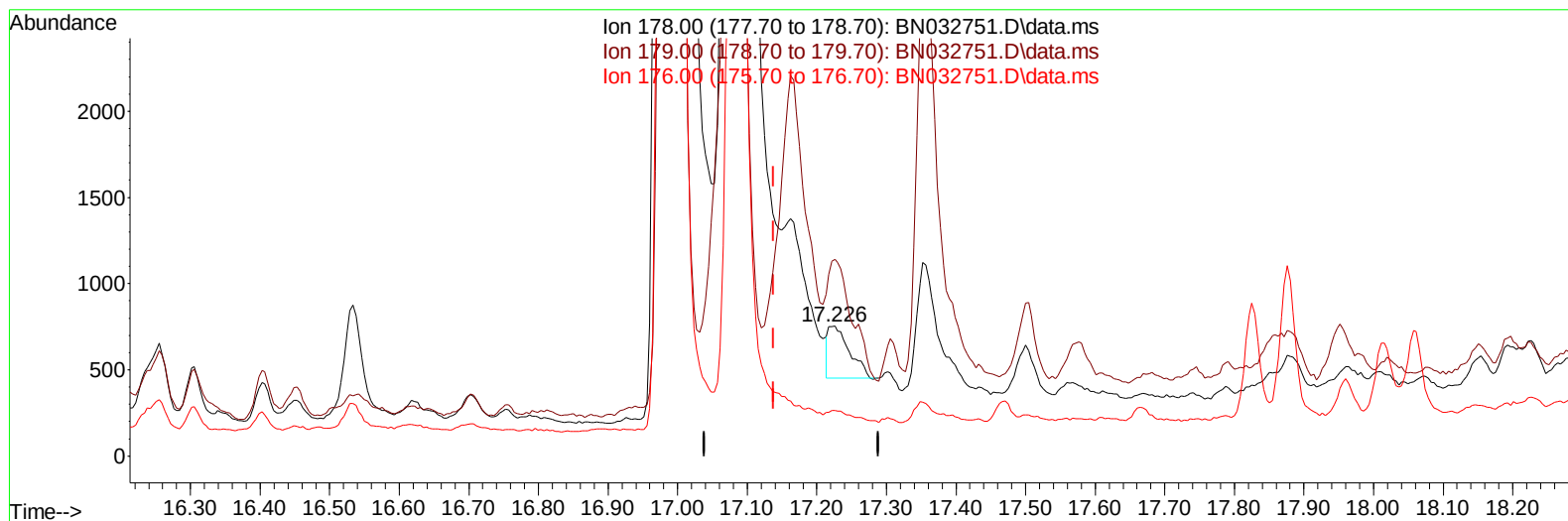
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(16) Anthracene

17.226min (+ 0.087) 0.02 ng/u1

response 636

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	151.46#
176.00	19.20	35.01#
0.00	0.00	0.00

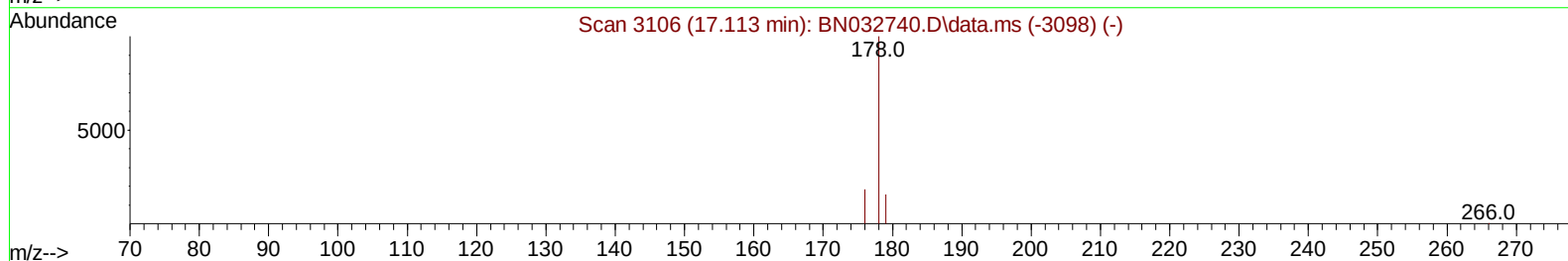
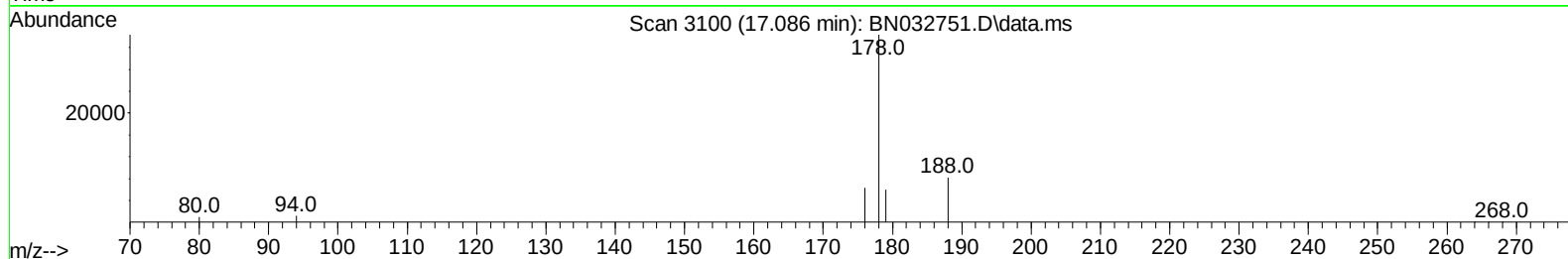
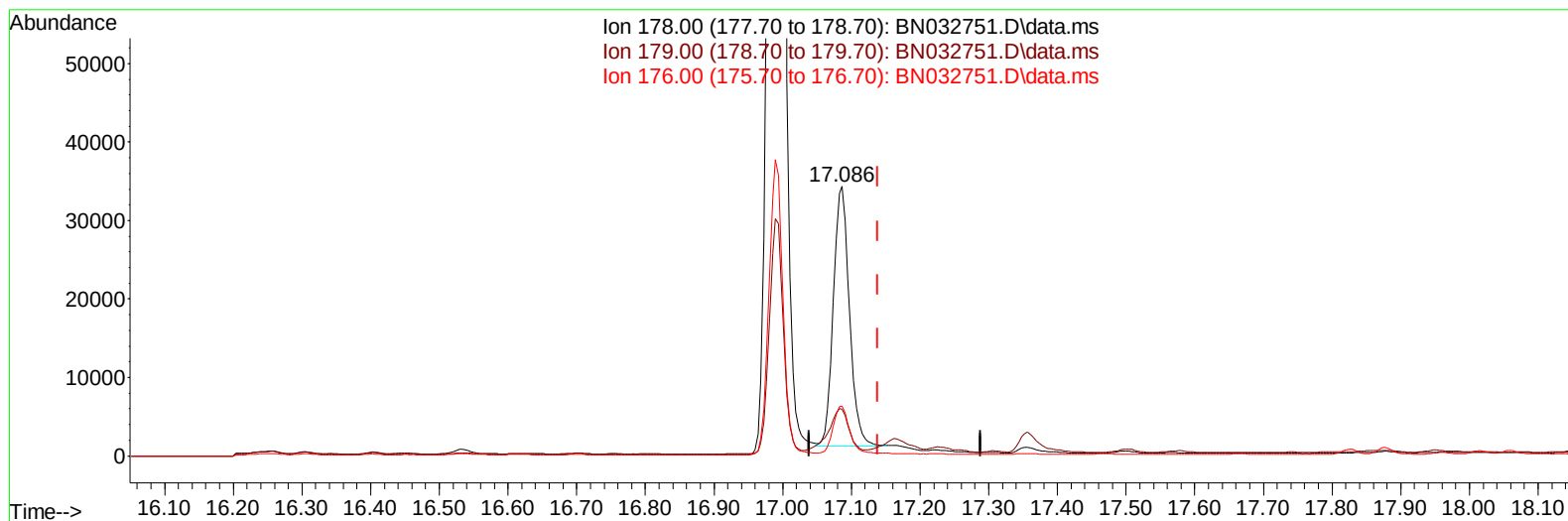
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(16) Anthracene

17.086min (-0.052) 1.67 ng/ul m

response 53427

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.38
176.00	19.20	18.57
0.00	0.00	0.00

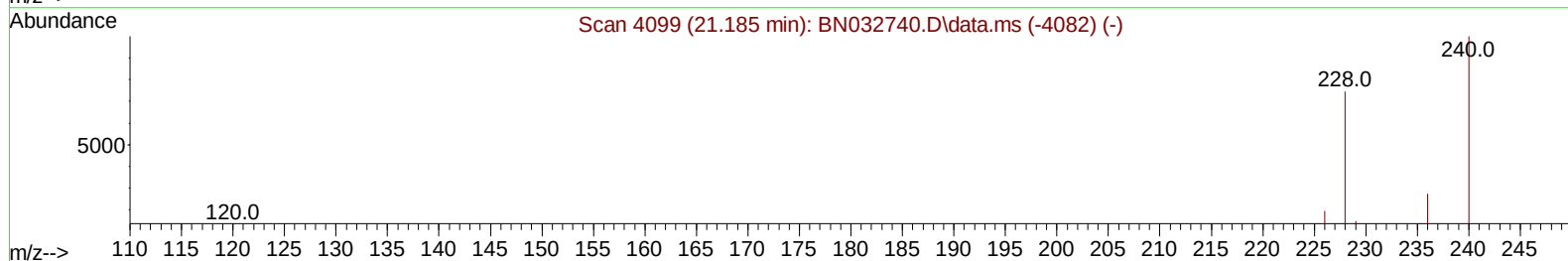
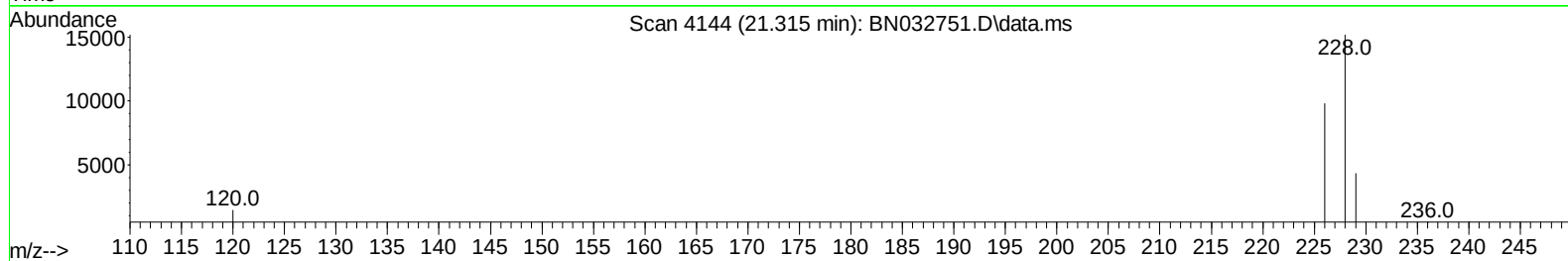
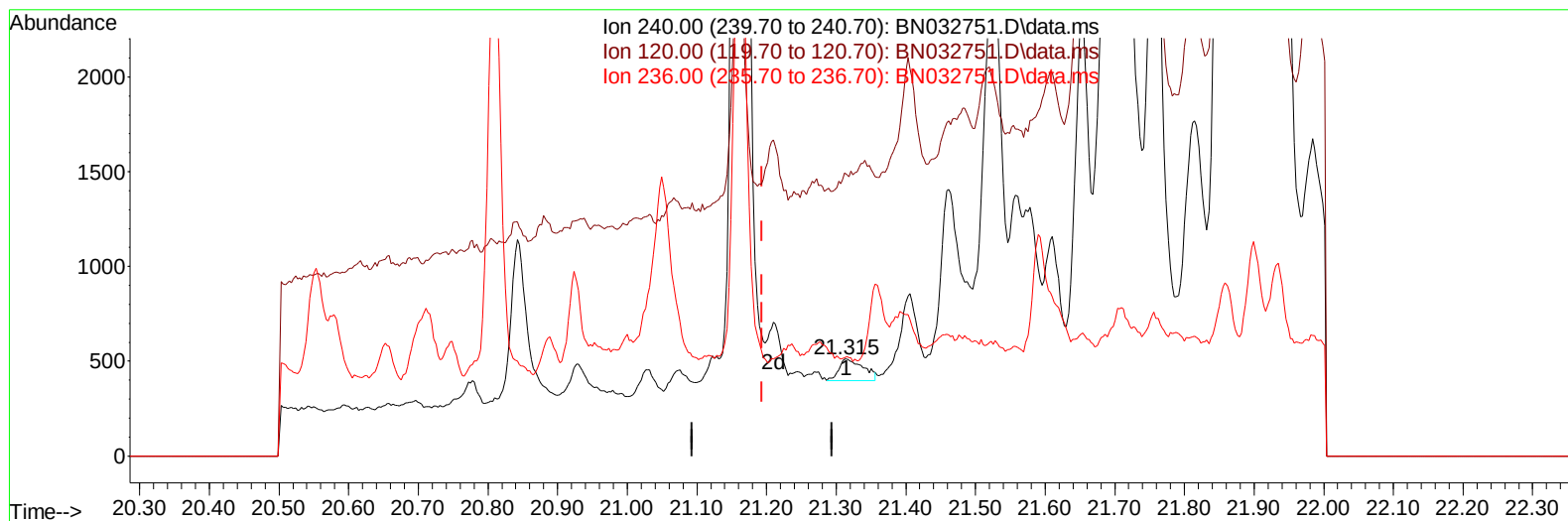
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(17) Chrysene-d12

21.315min (+ 0.121) 0.40 ng/u1

response 281

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	288.89#
236.00	28.40	102.34#
0.00	0.00	0.00

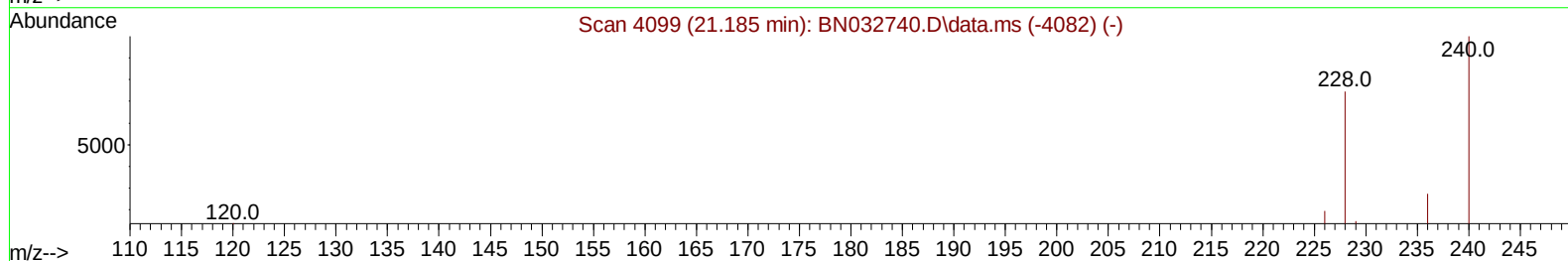
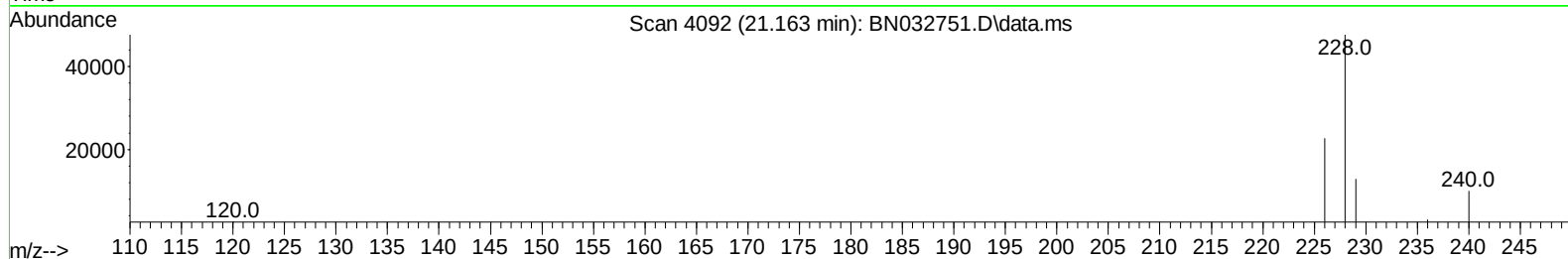
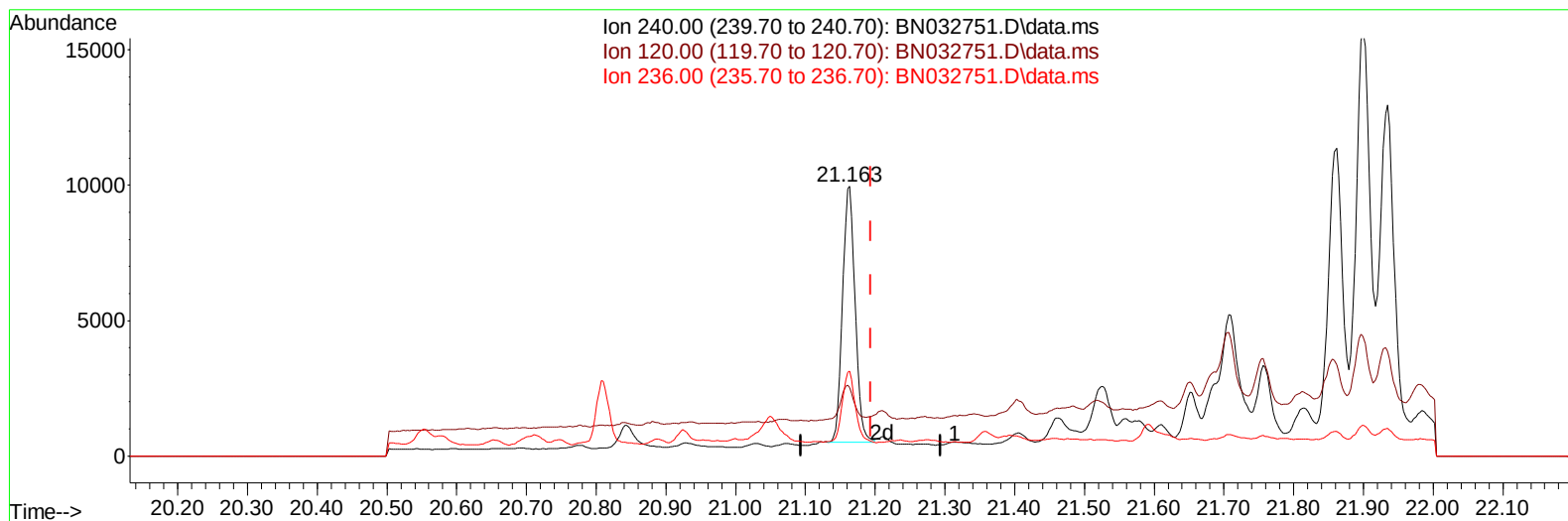
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(17) Chrysene-d12

21.163min (-0.030) 0.40 ng/ul m

response 11870

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	25.33#
236.00	28.40	31.54
0.00	0.00	0.00

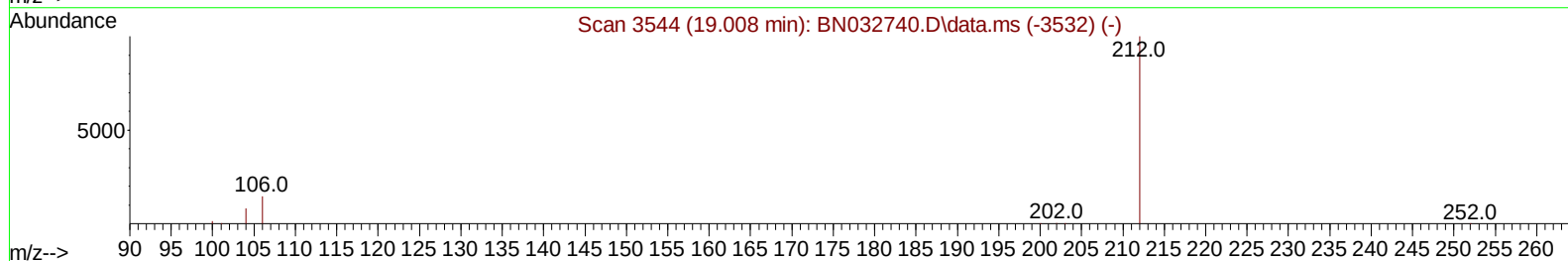
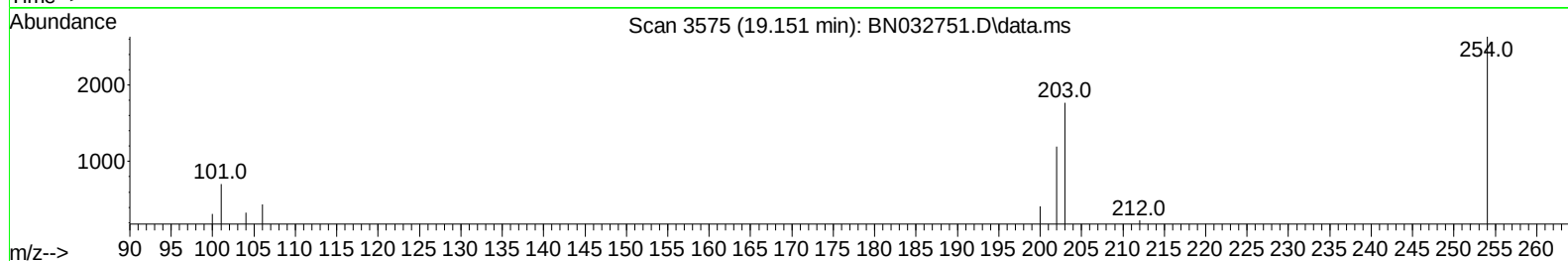
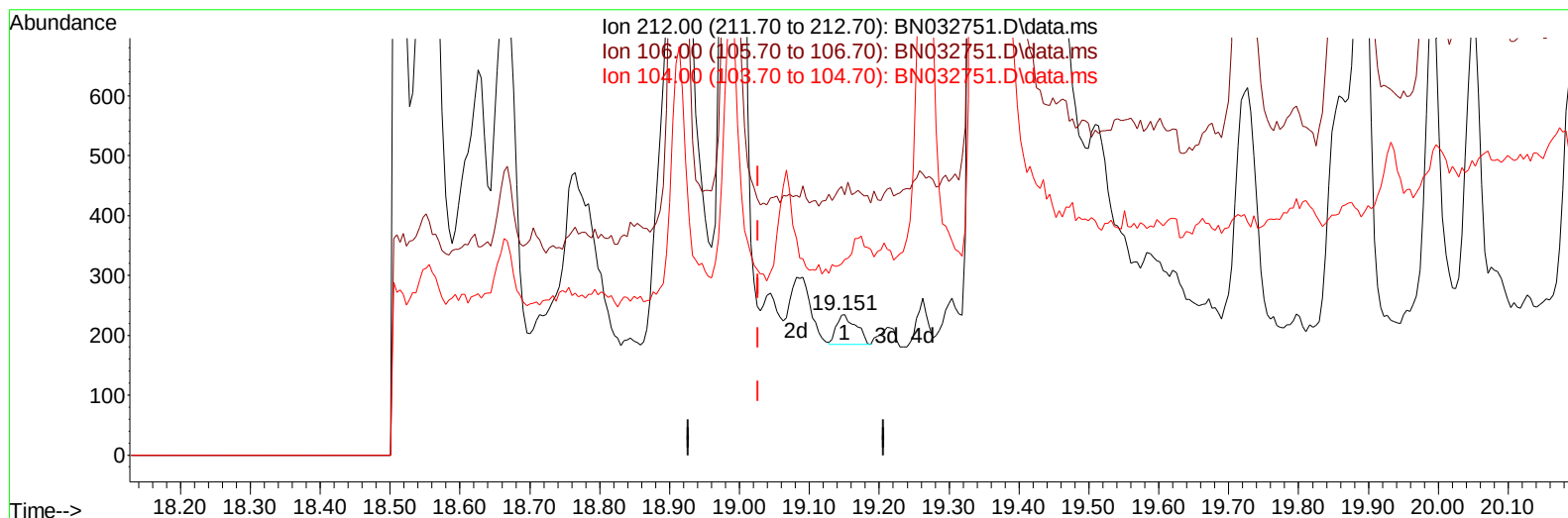
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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

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TIC: BN032751.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.151min (+ 0.124) 0.00 ng/u1

response 96

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	89.58#
104.00	9.00	0.00#
0.00	0.00	0.00

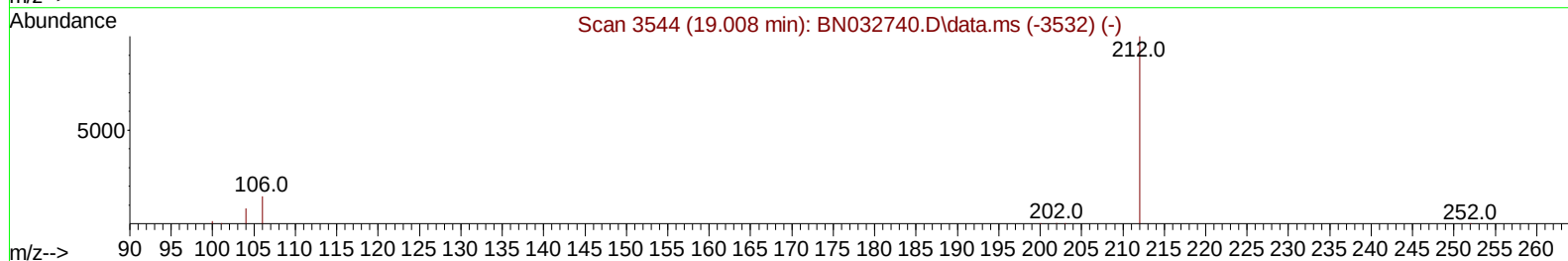
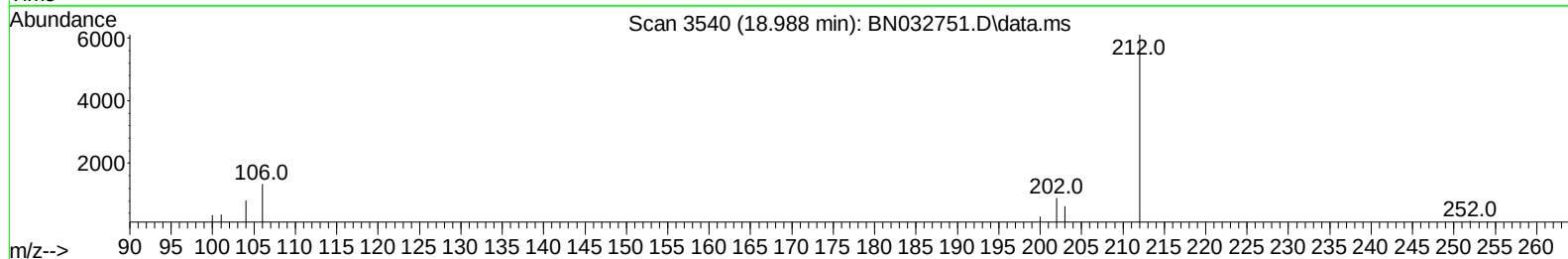
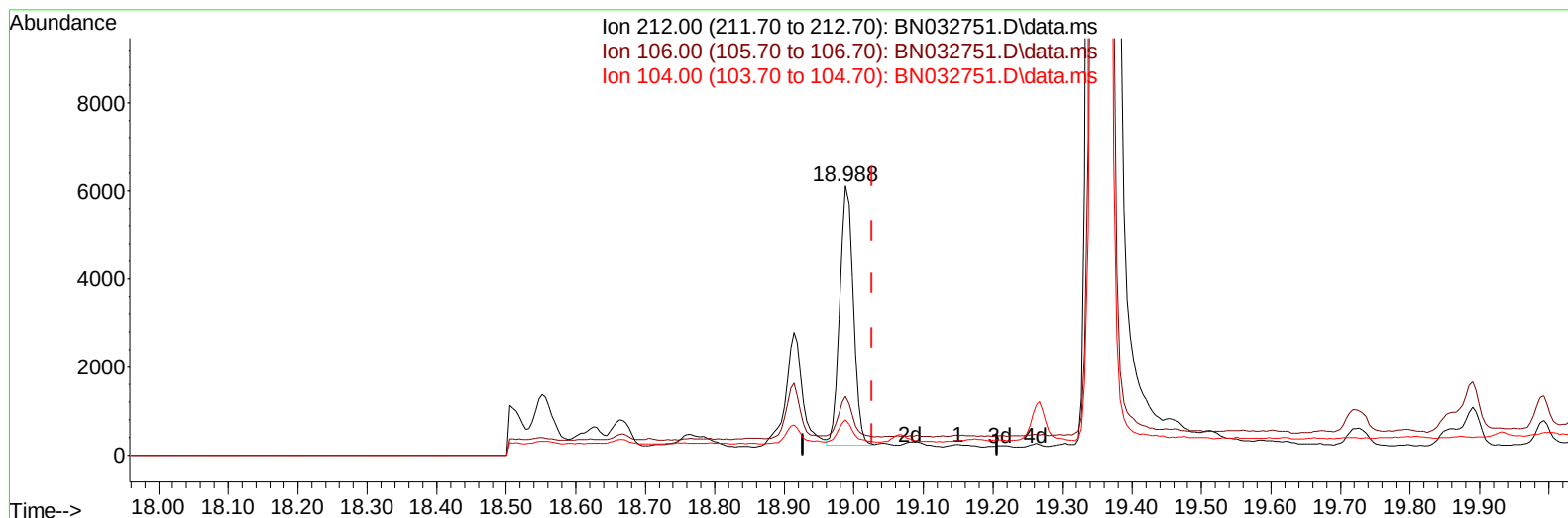
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.988min (-0.038) 0.20 ng/ul m

response 7843

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.10#
104.00	9.00	0.00#
0.00	0.00	0.00

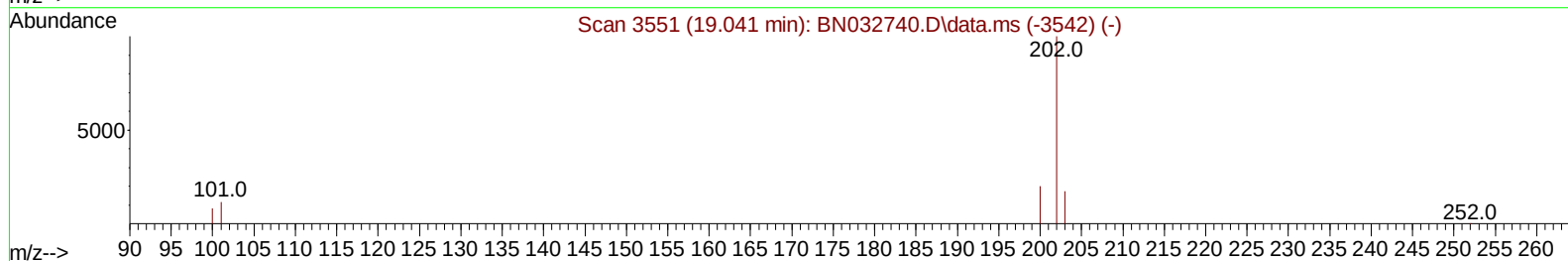
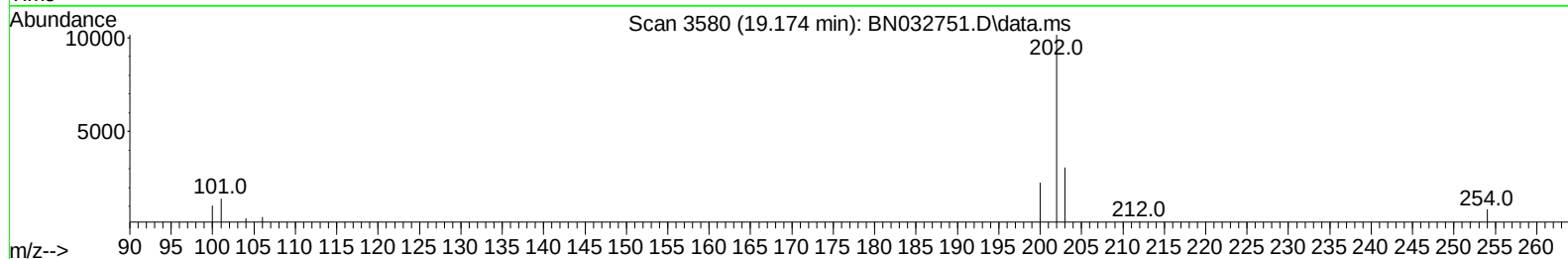
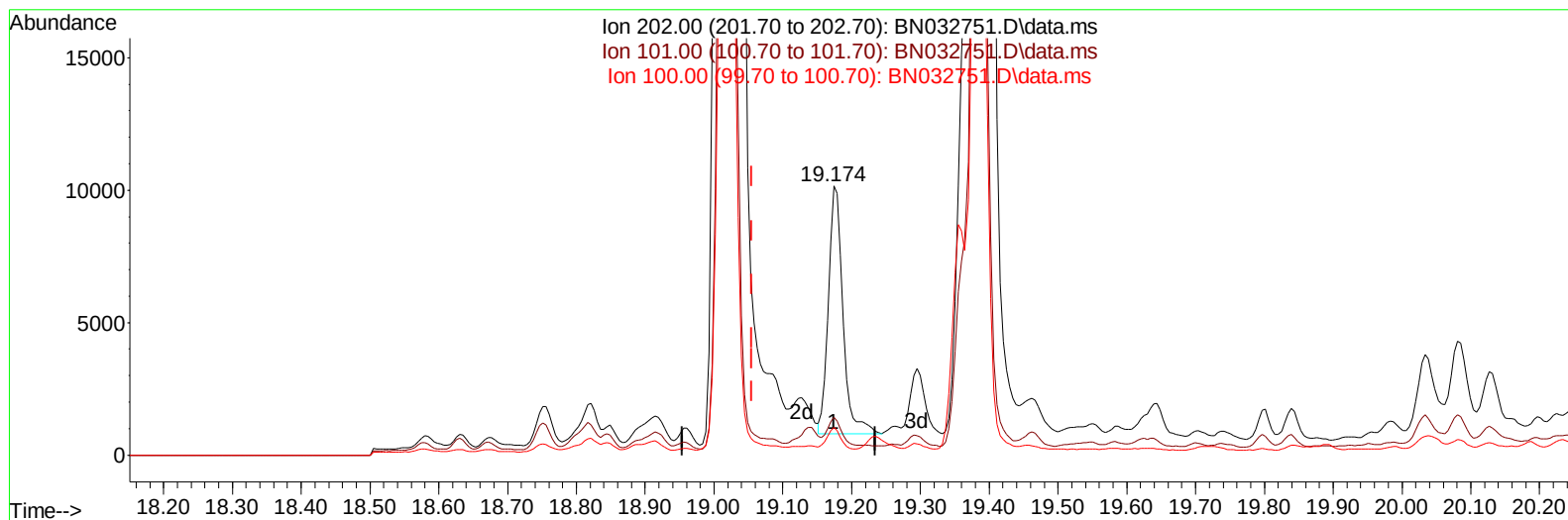
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032751.D
 Acq On : 16 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 2024
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 QLast Update : Fri Jul 12 01:40:24 2024
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 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032751.D\data.ms

(19) Fluoranthene (C)

19.174min (+ 0.120) 0.29 ng/u1

response 13830

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.01
100.00	9.90	10.31
0.00	0.00	0.00

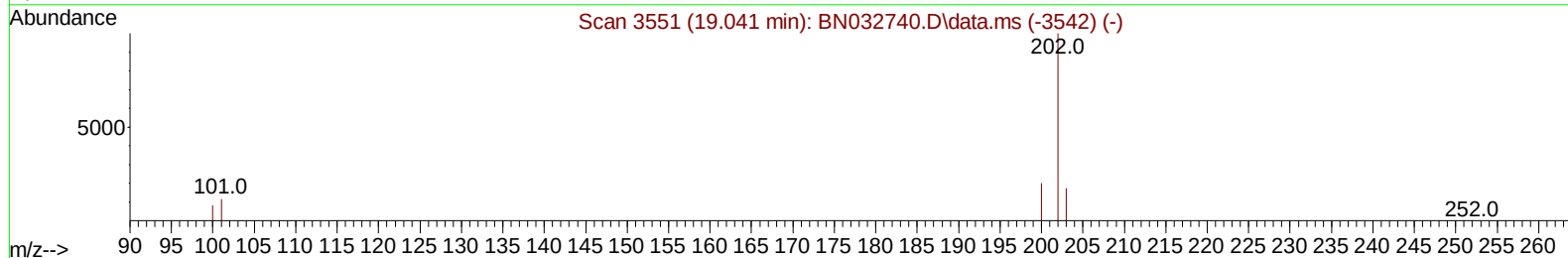
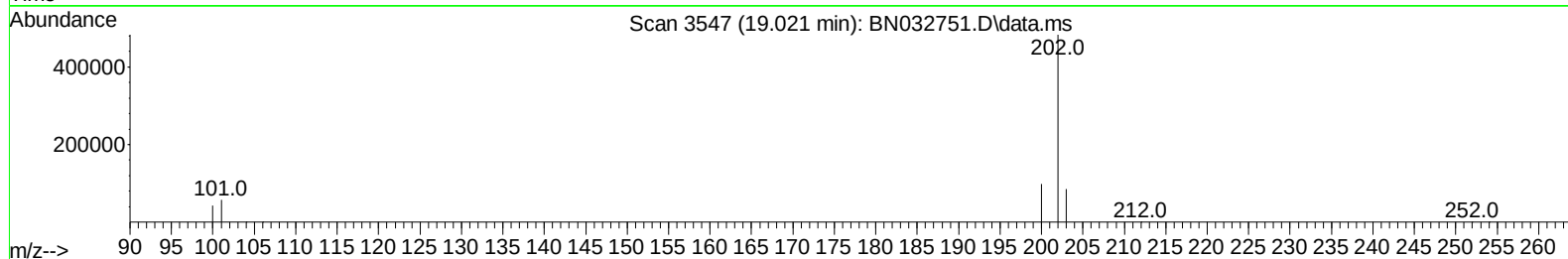
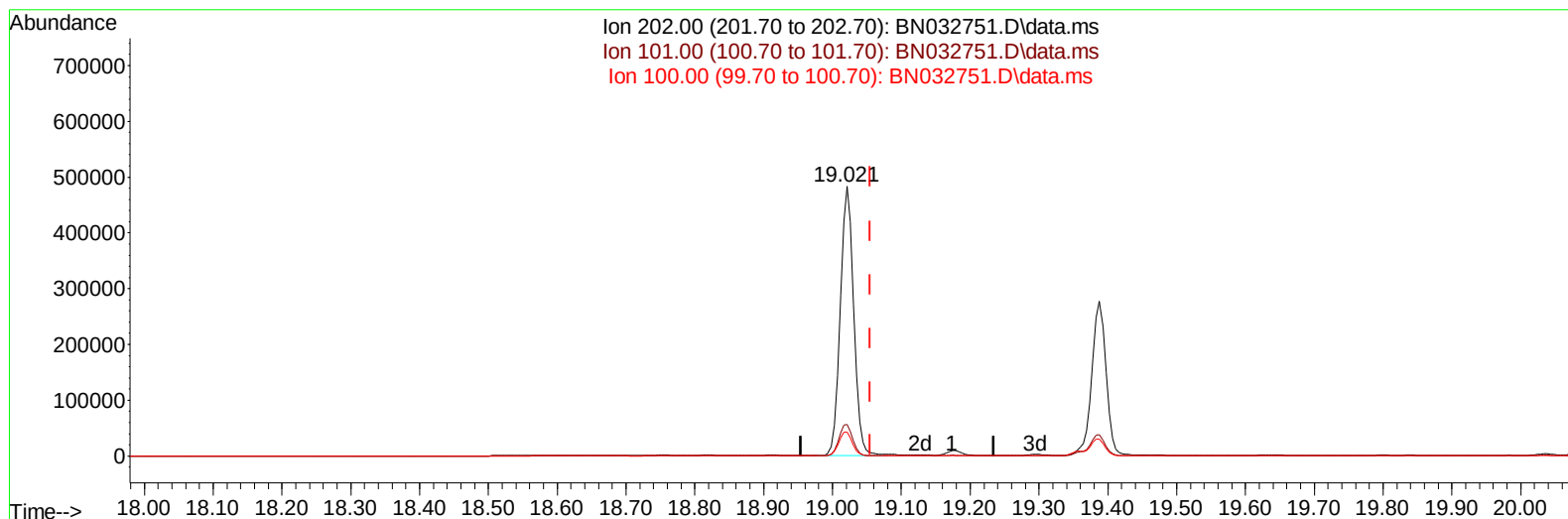
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(19) Fluoranthene (C)

19.021min (-0.034) 13.65 ng/ul m

response 658636

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.78
100.00	9.90	8.87
0.00	0.00	0.00

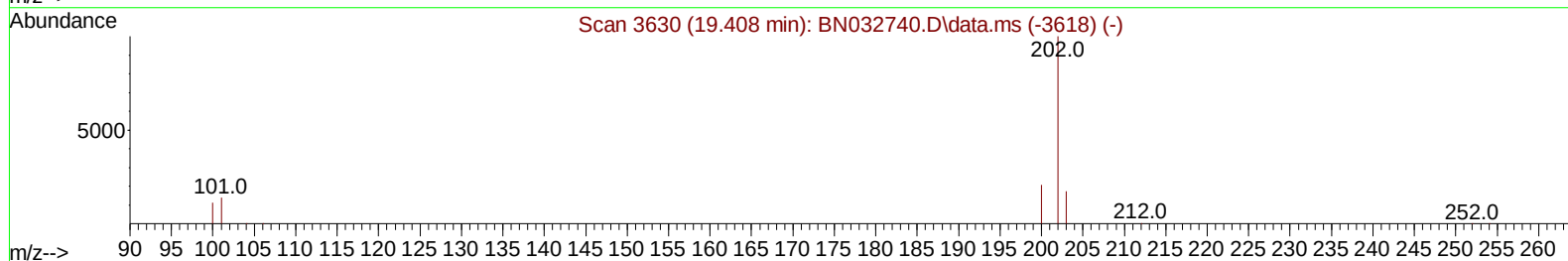
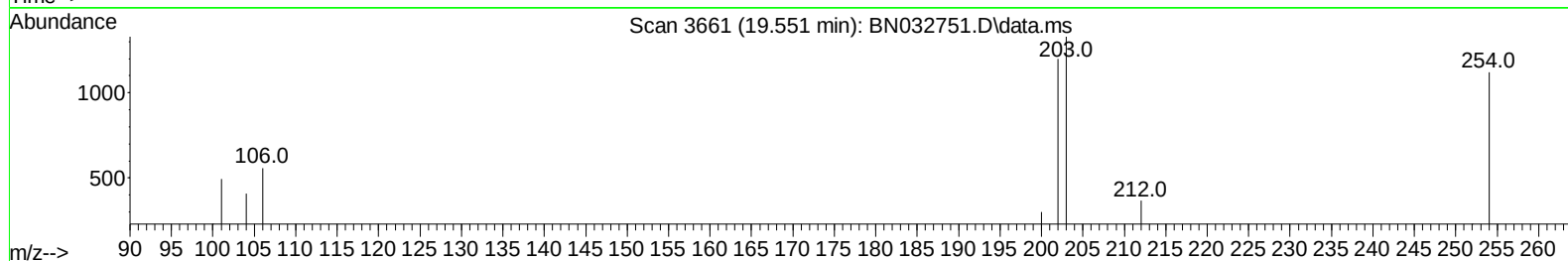
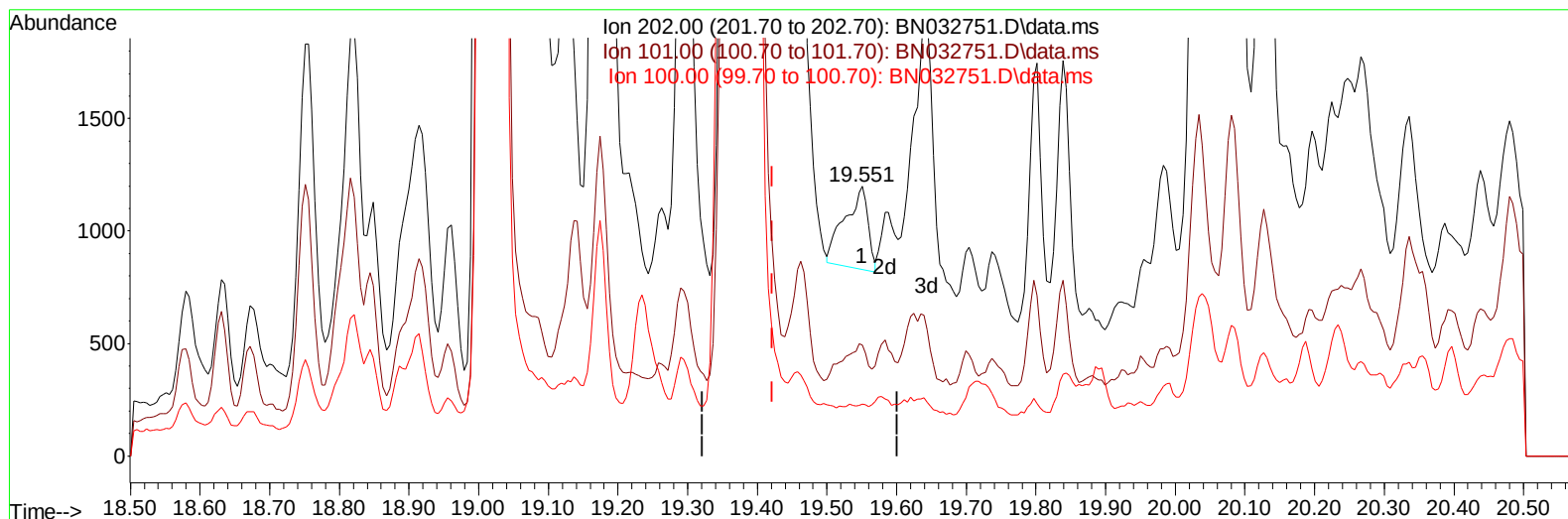
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(20) Pyrene

19.551min (+ 0.129) 0.02 ng/u1

response 848

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	41.24#
100.00	12.00	19.12#
0.00	0.00	0.00

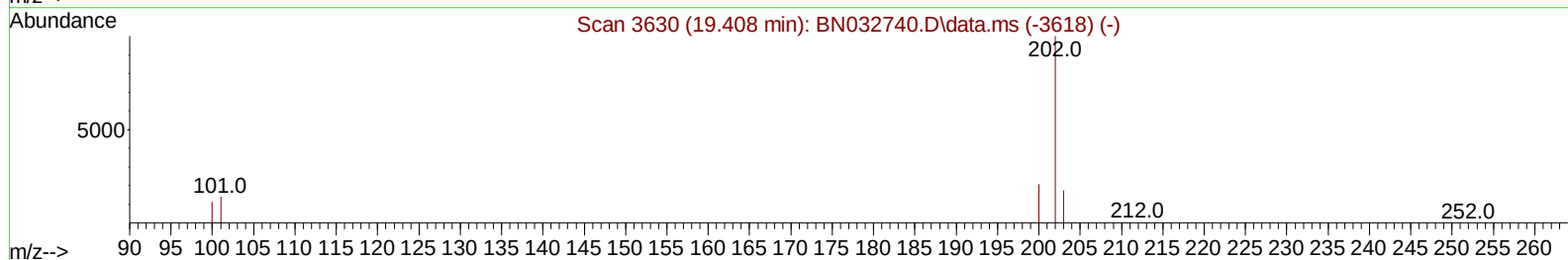
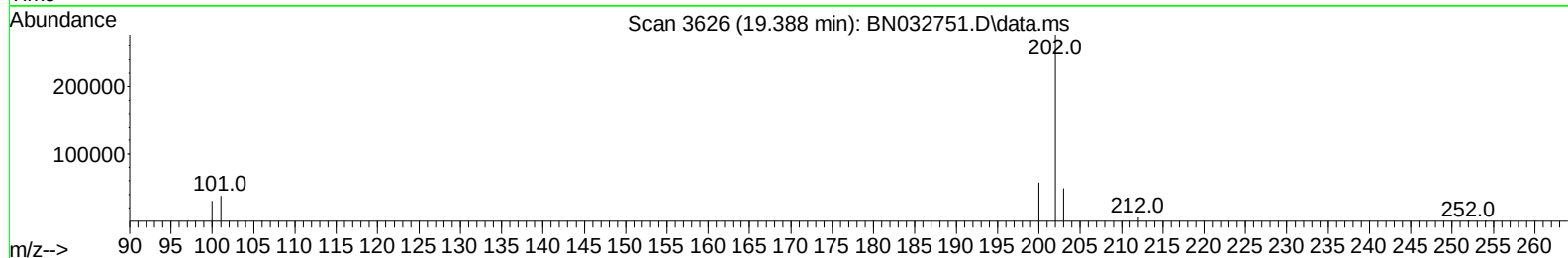
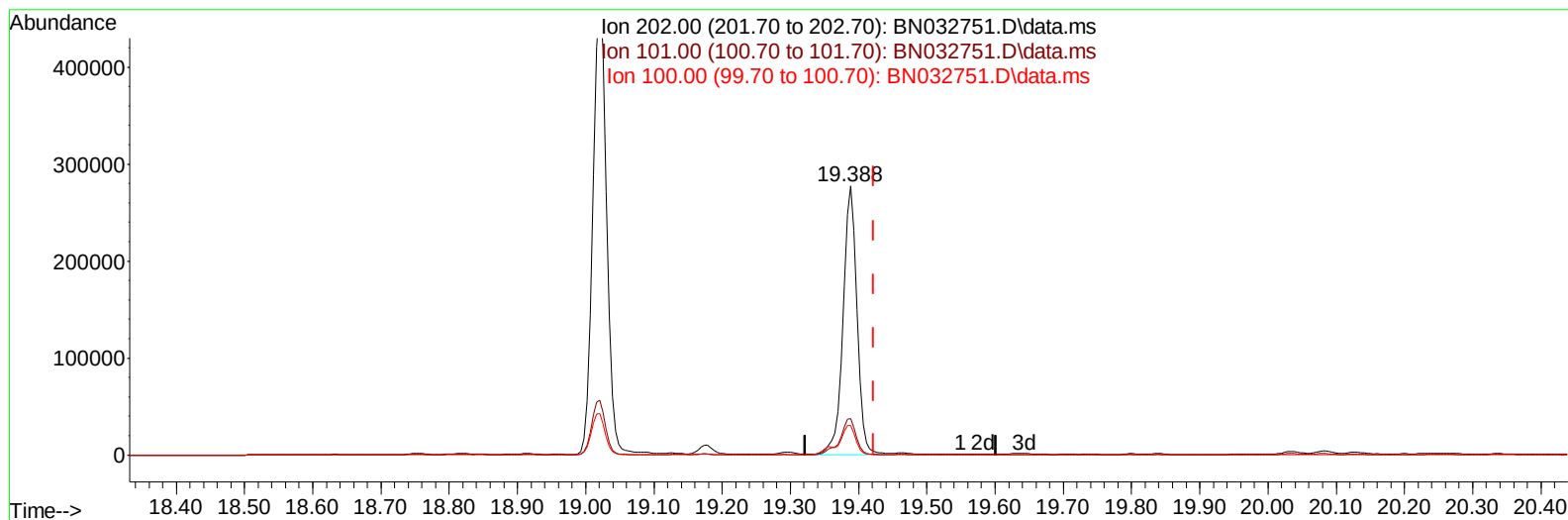
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(20) Pyrene

19.388min (-0.034) 7.86 ng/ul m

response 392720

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.66
100.00	12.00	10.95
0.00	0.00	0.00

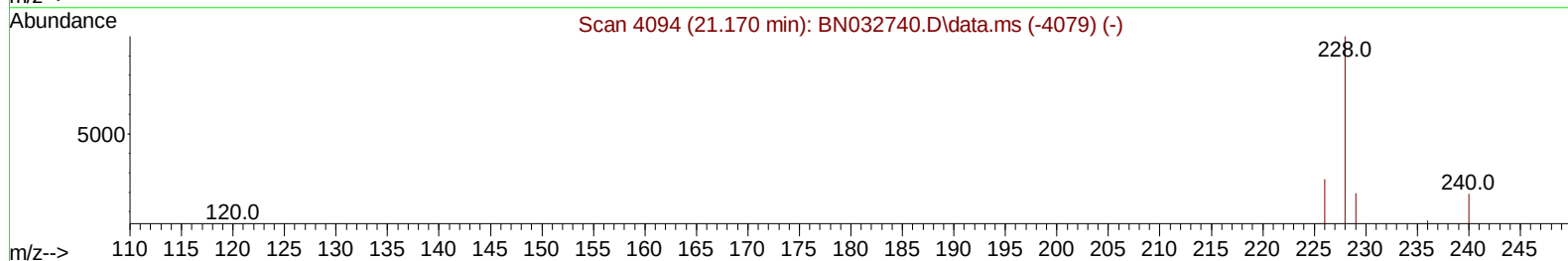
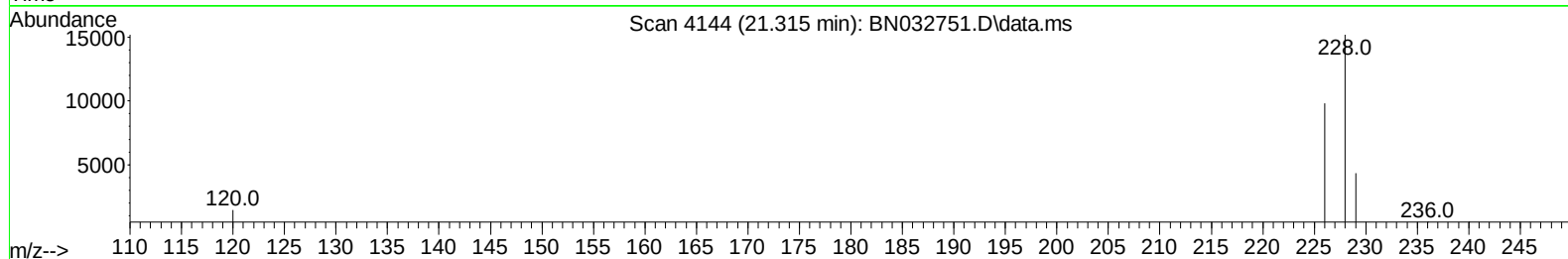
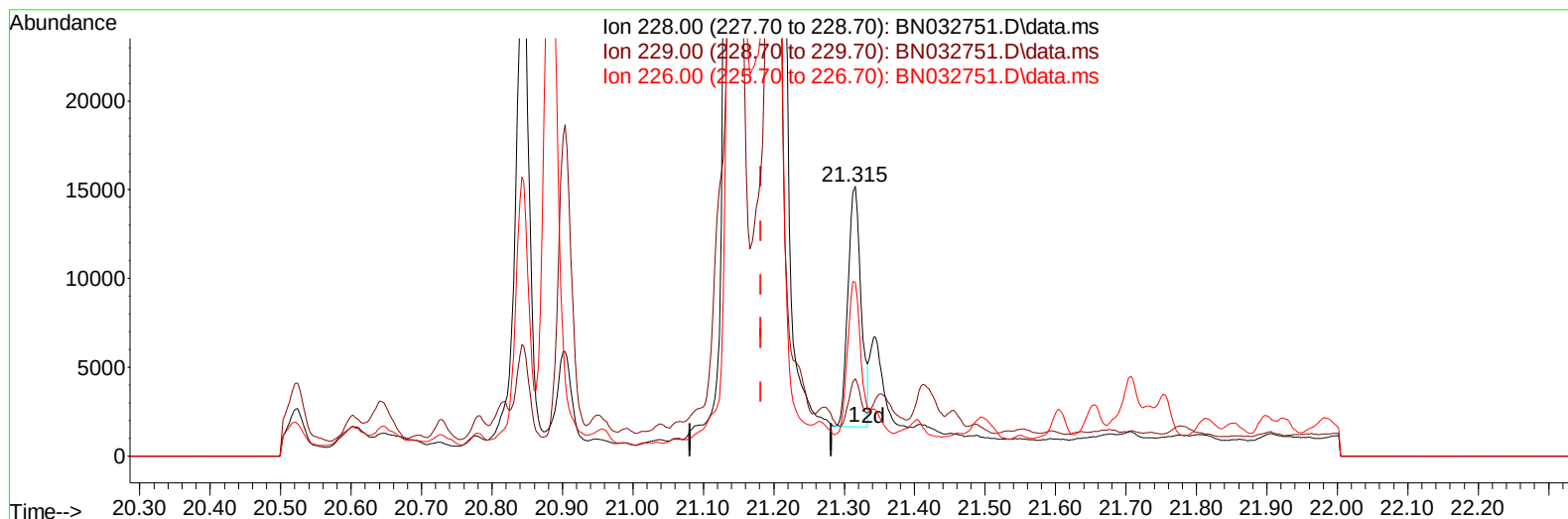
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(21) Benzo(a)anthracene

21.315min (+ 0.133) 0.46 ng/u1

response 17481

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	28.58#
226.00	27.40	64.61#
0.00	0.00	0.00

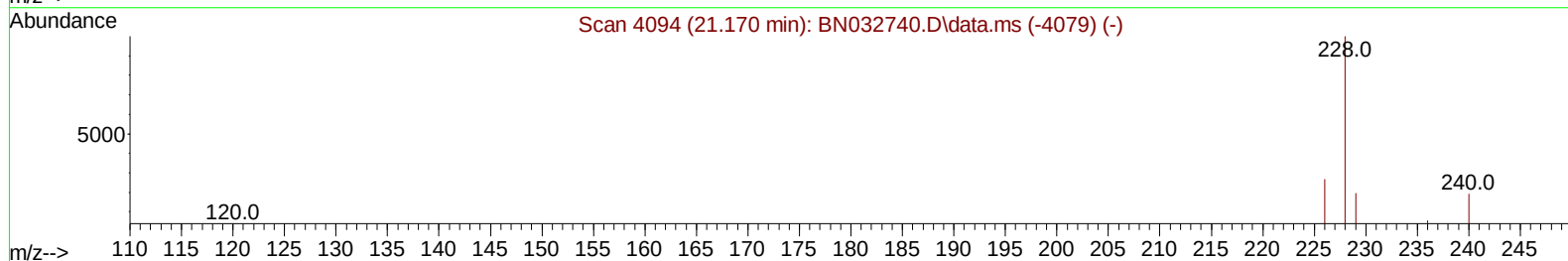
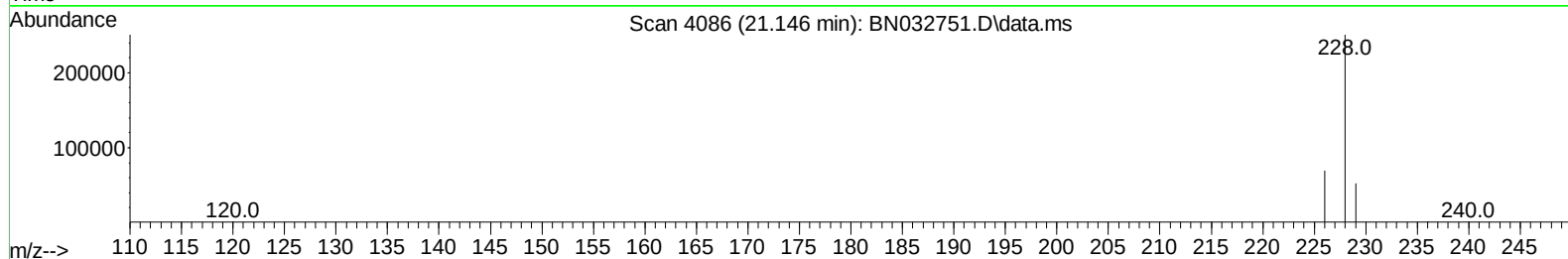
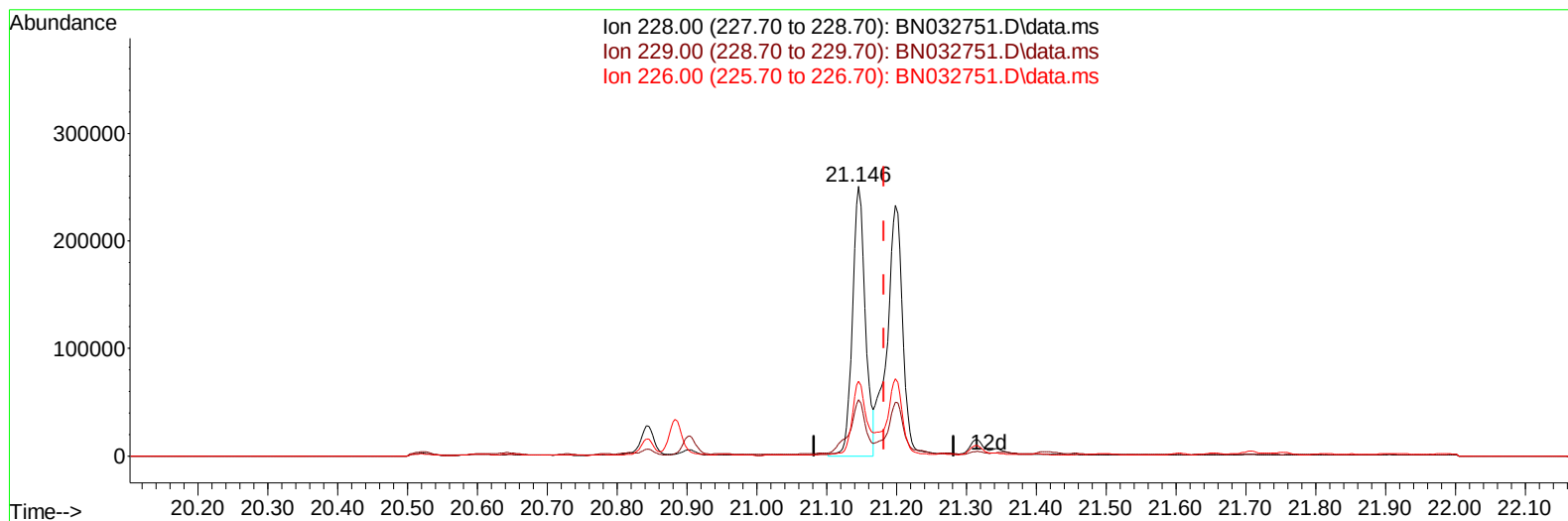
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(21) Benzo(a)anthracene

21.146min (-0.036) 8.48 ng/ul m

response 320296

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.90
226.00	27.40	27.84
0.00	0.00	0.00

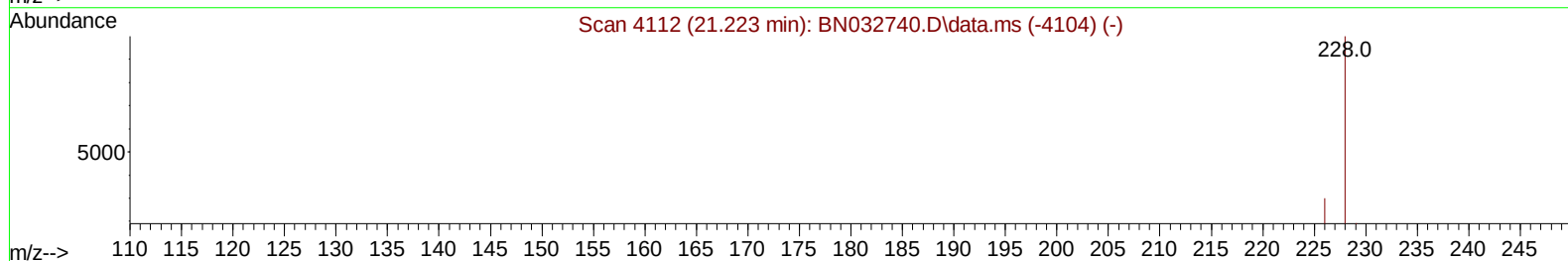
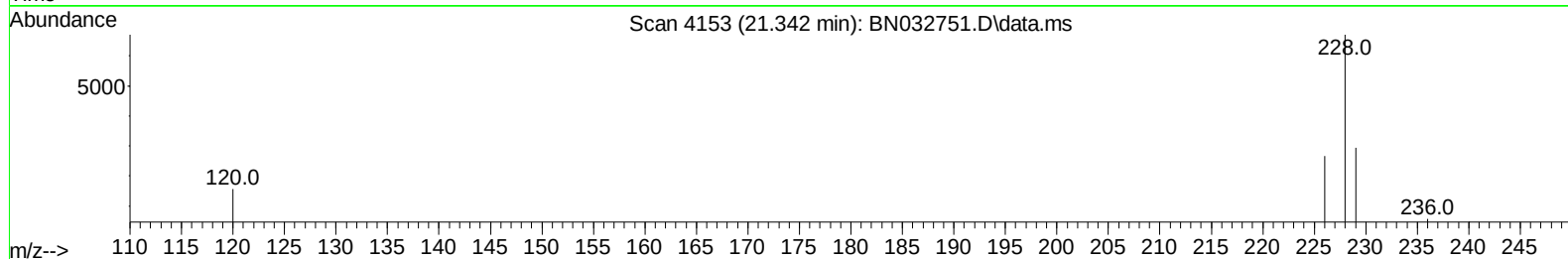
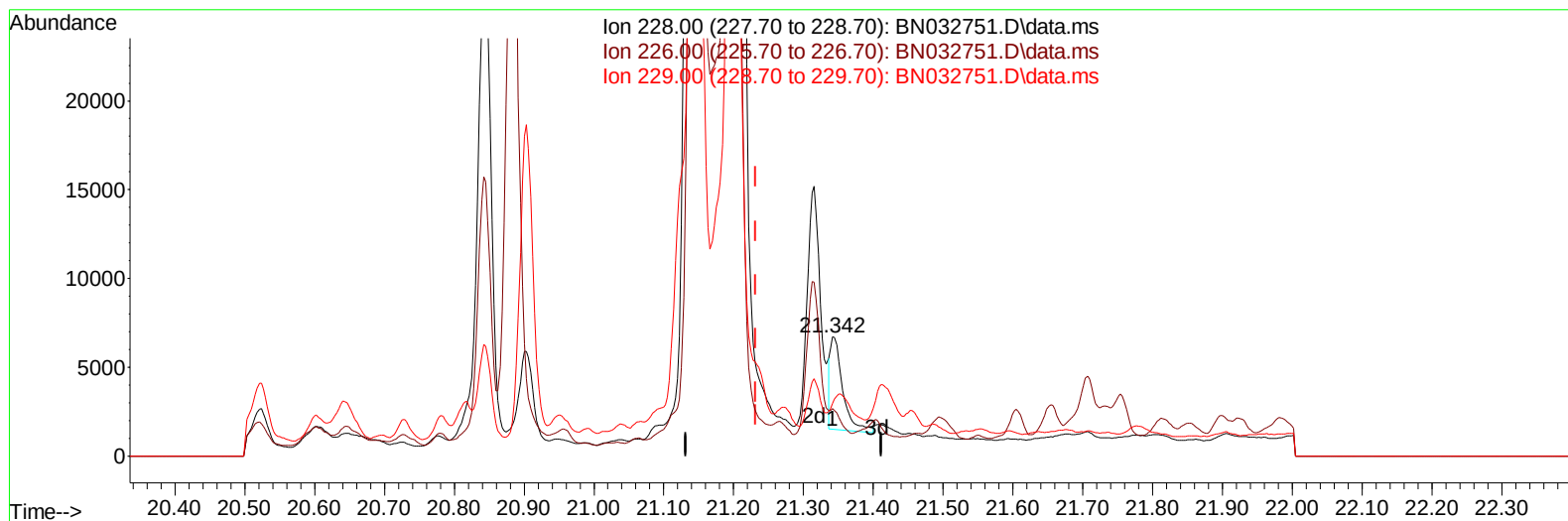
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(22) Chrysene

21.342min (+ 0.110) 0.12 ng/u1

response 6493

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	39.72#
229.00	19.70	44.01#
0.00	0.00	0.00

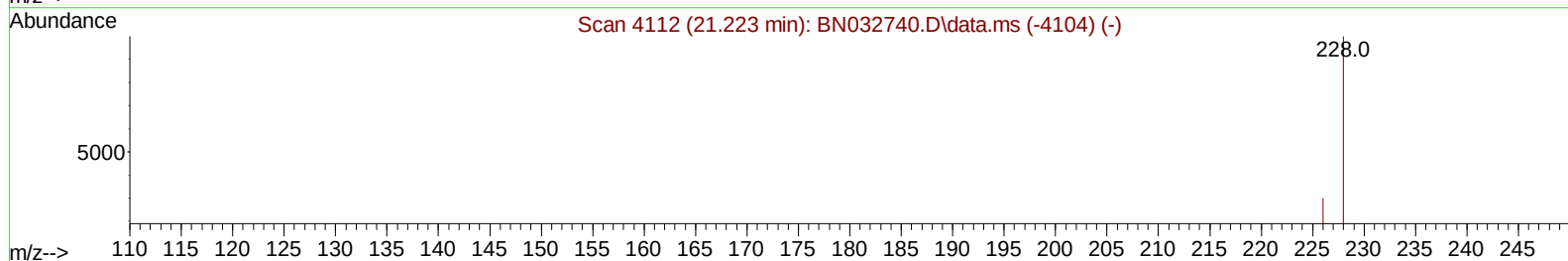
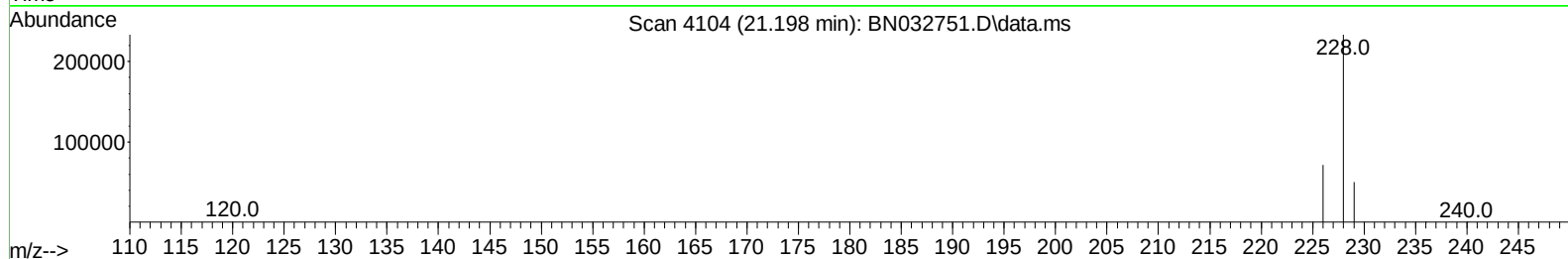
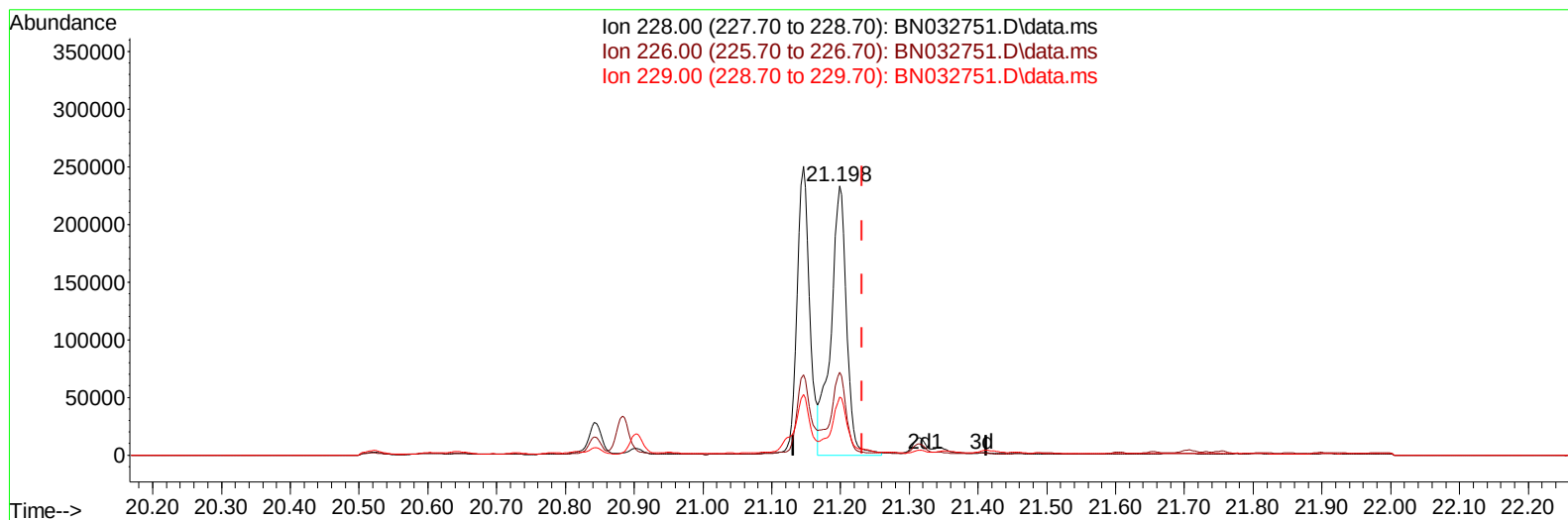
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(22) Chrysene

21.198min (-0.033) 6.80 ng/ul m

response 371658

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.74
229.00	19.70	21.49
0.00	0.00	0.00

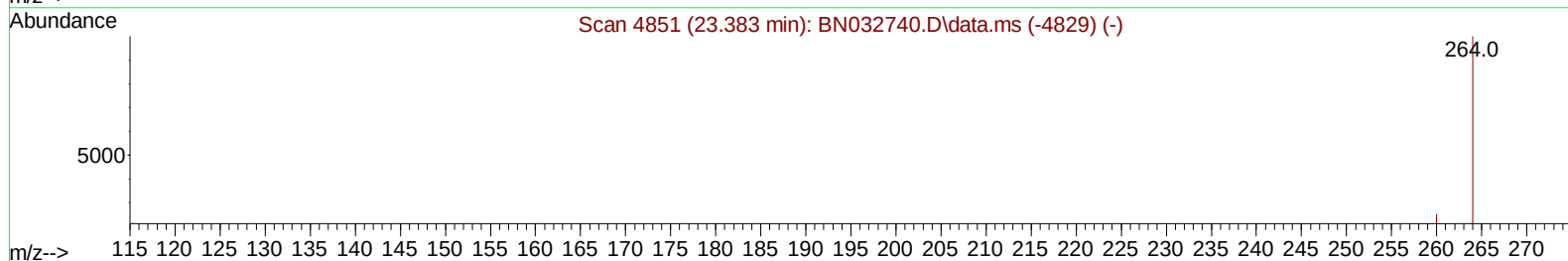
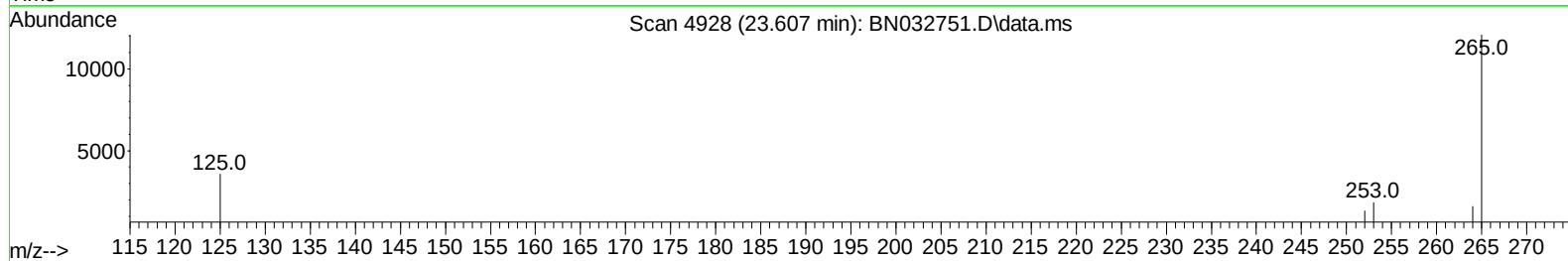
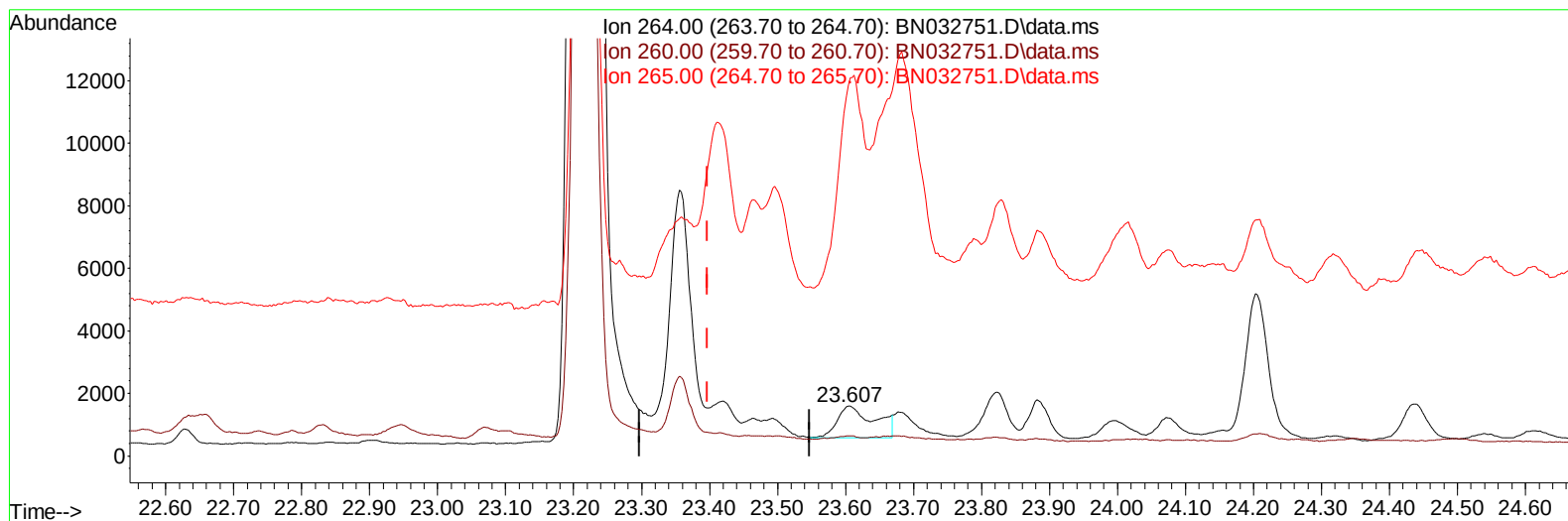
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(23) Perylene-d12 (I)

23.607min (+ 0.209) 0.40 ng/ul

response 3815

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	39.69#
265.00	95.50	758.06#
0.00	0.00	0.00

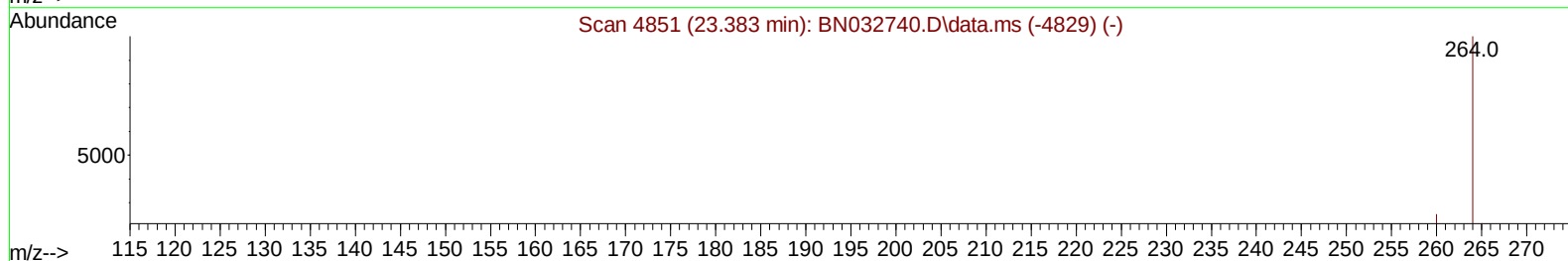
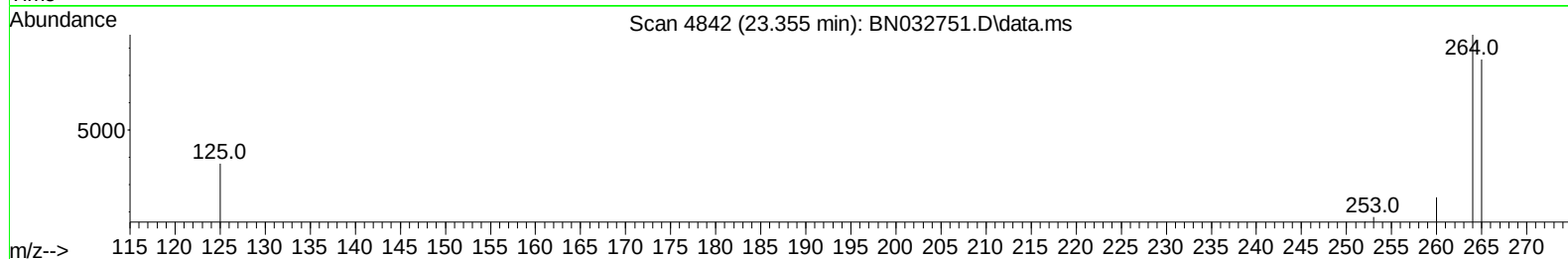
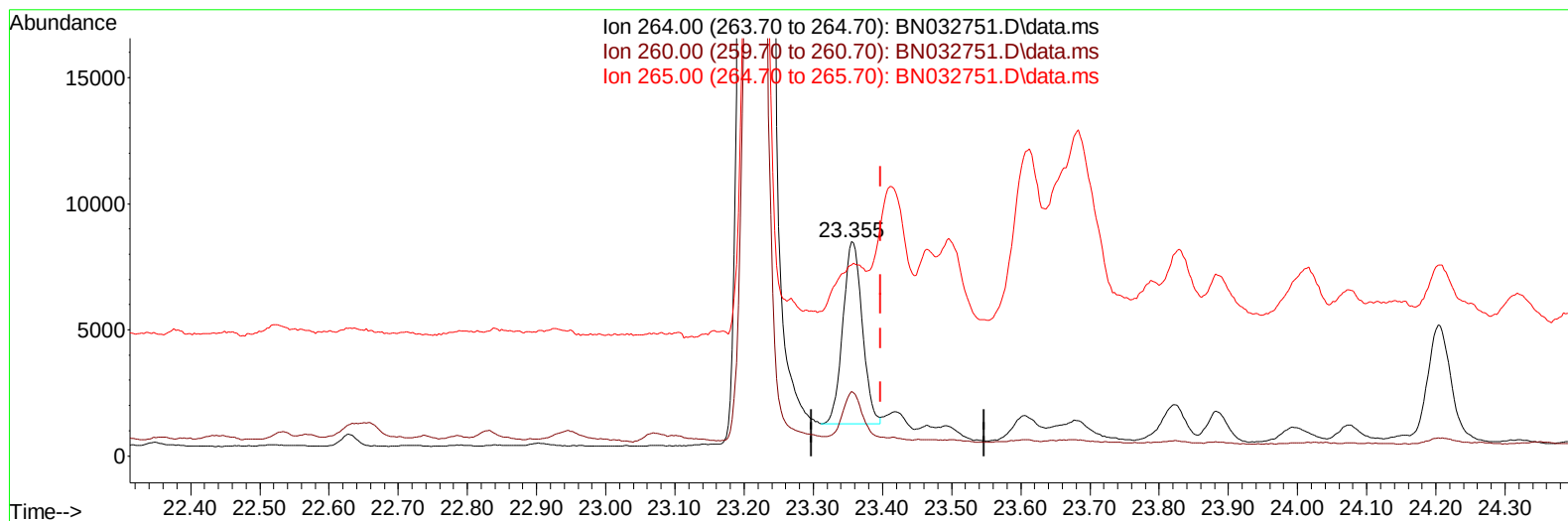
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(23) Perylene-d12 (I)

23.355min (-0.042) 0.40 ng/ul m

response 14144

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	30.01
265.00	95.50	89.25
0.00	0.00	0.00

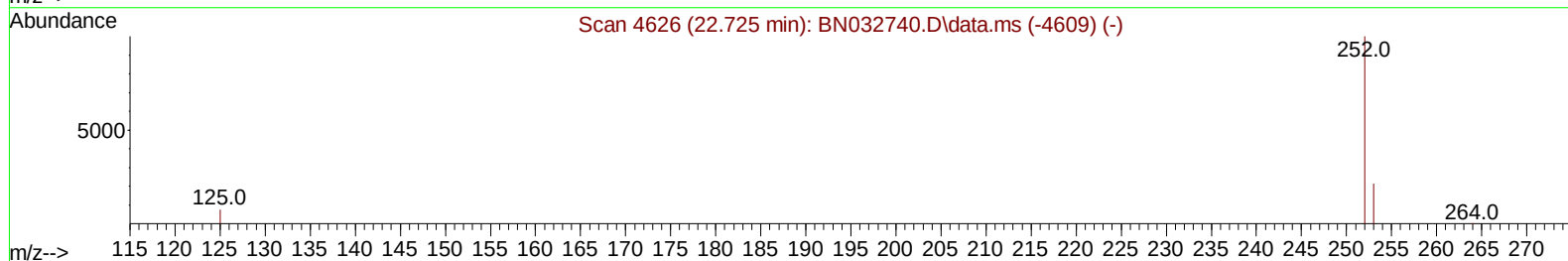
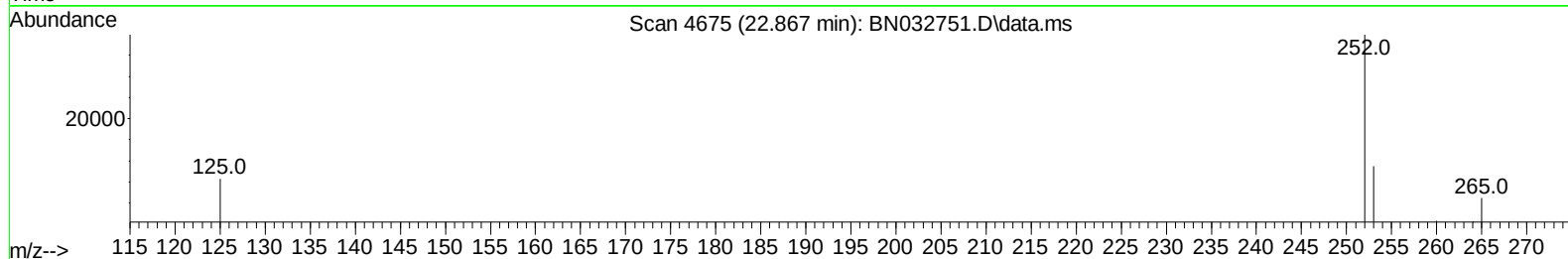
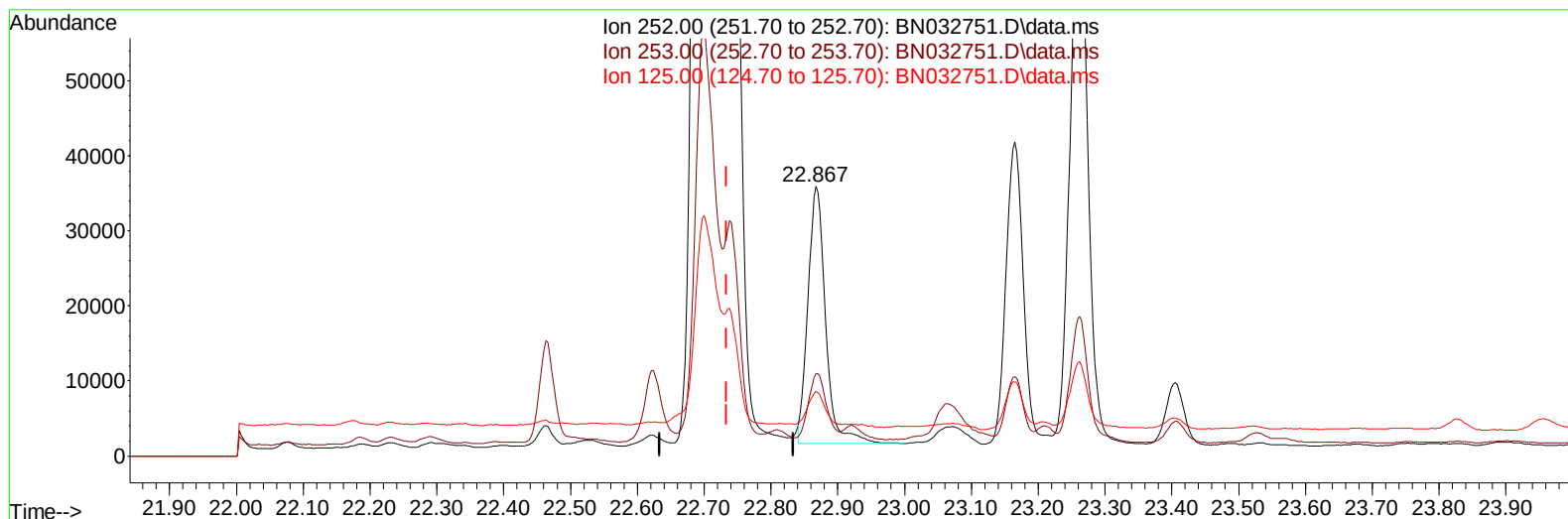
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(24) Benzo(b)fluoranthene

22.867min (+ 0.133) 1.26 ng/u1

response 62729

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.64
125.00	18.00	23.95
0.00	0.00	0.00

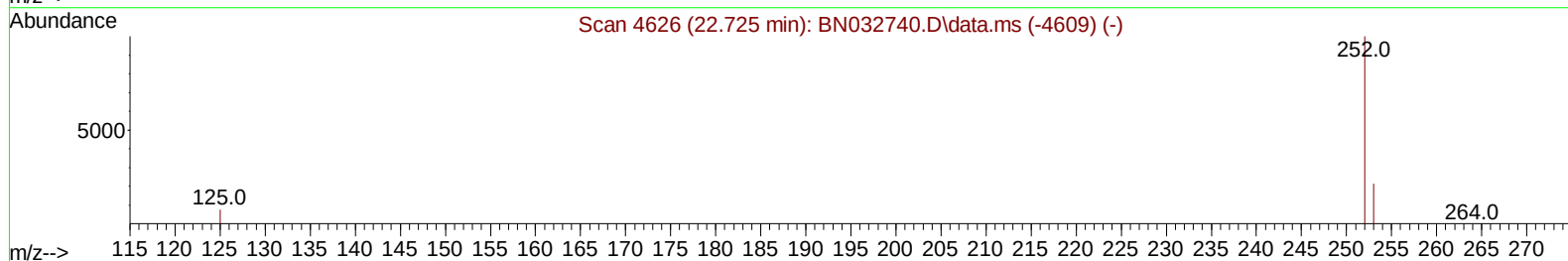
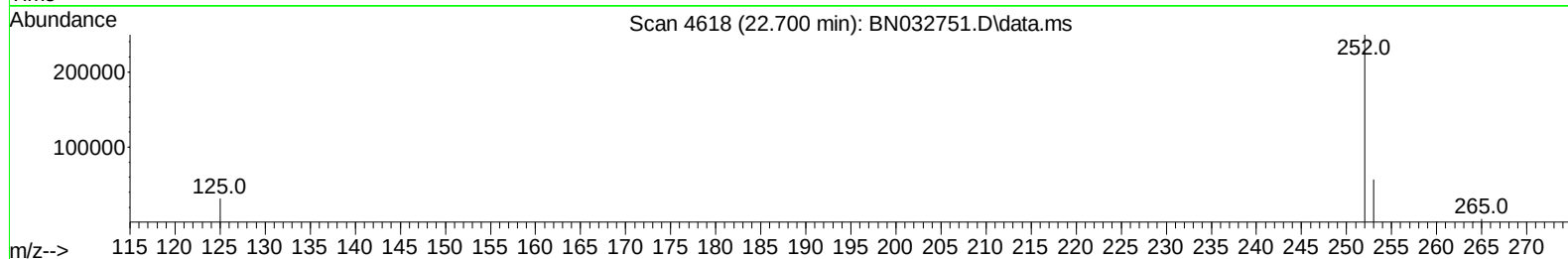
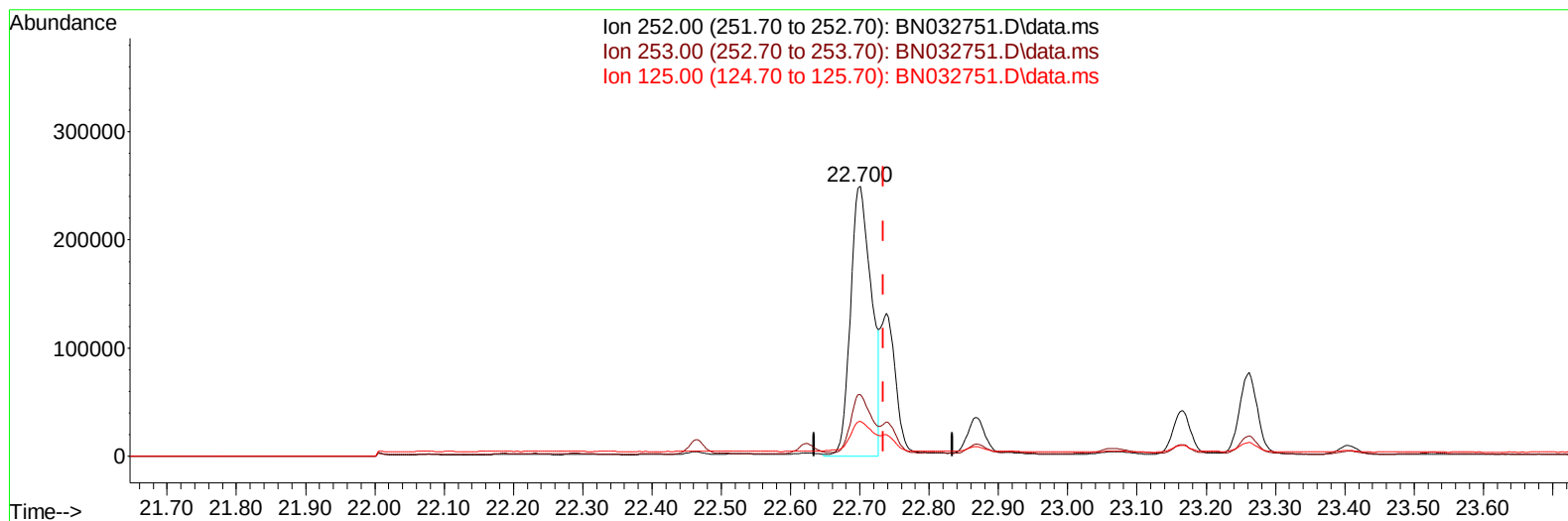
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(24) Benzo(b)fluoranthene

22.700min (-0.033) 10.51 ng/ul m

response 524486

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.80
125.00	18.00	12.84
0.00	0.00	0.00

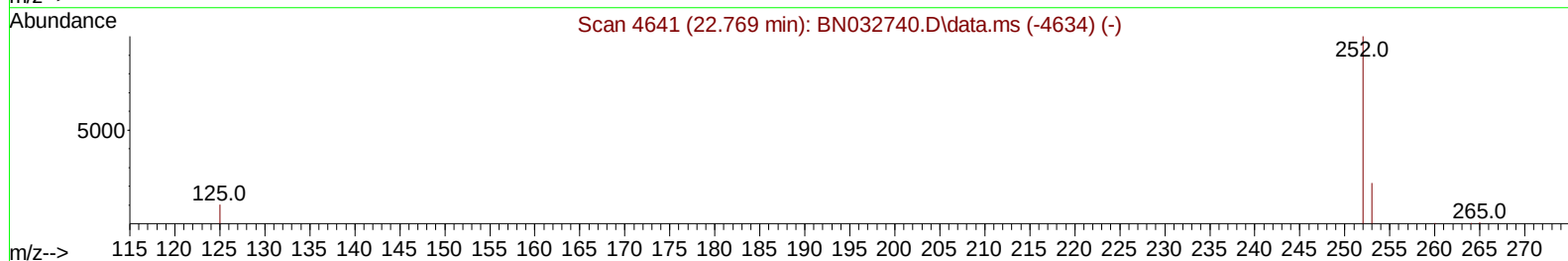
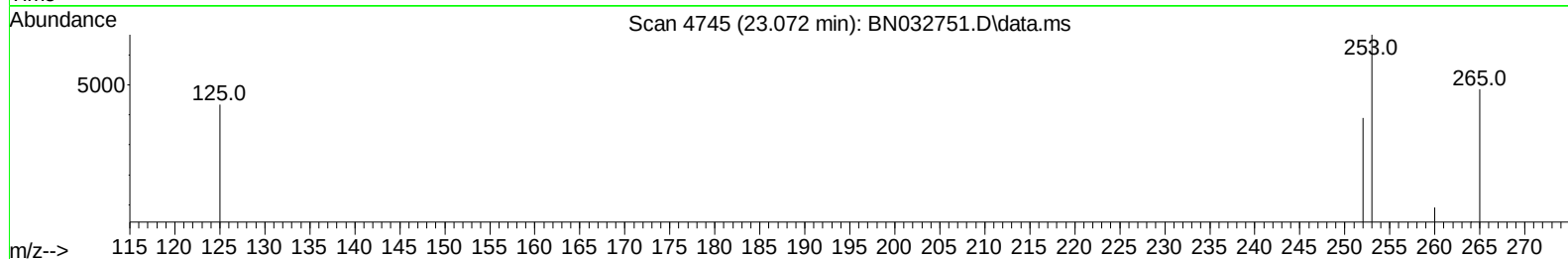
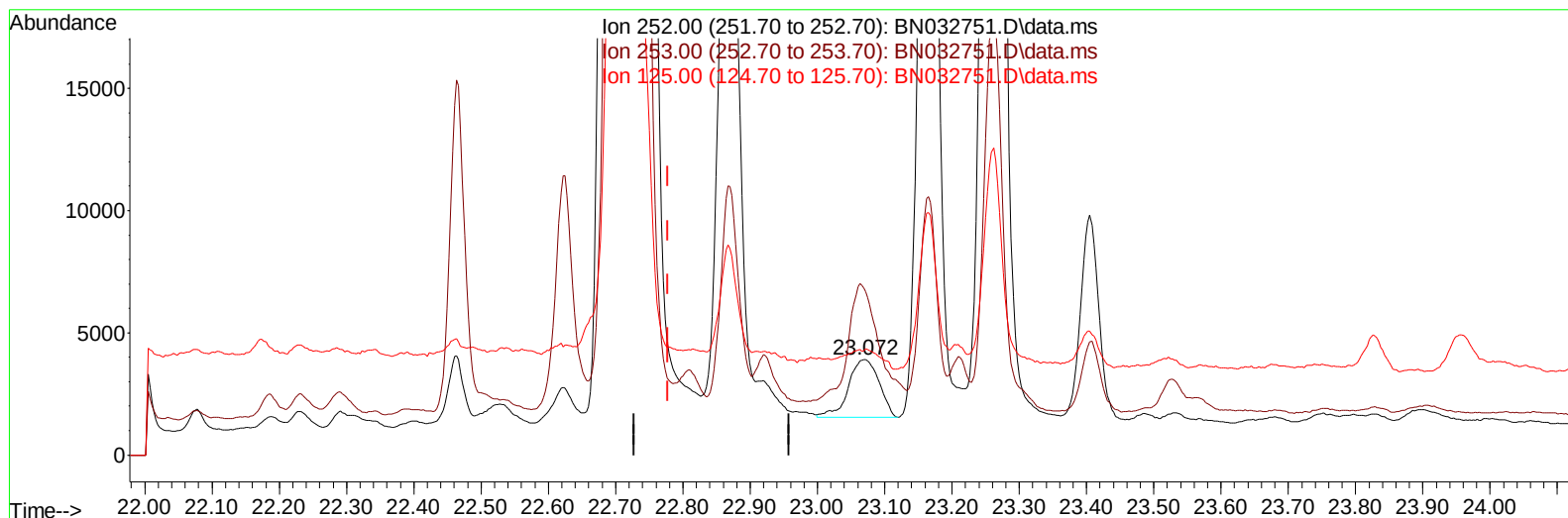
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (+ 0.294) 0.12 ng/u1

response 7434

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	170.97#
125.00	18.50	111.05#
0.00	0.00	0.00

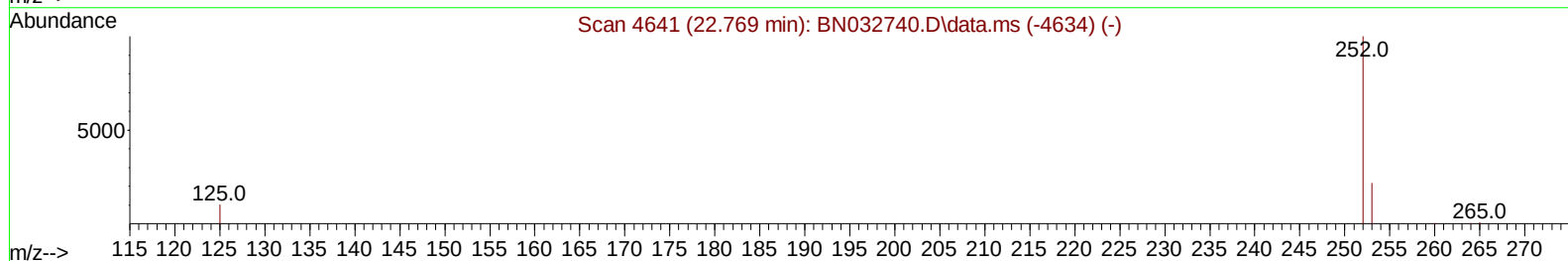
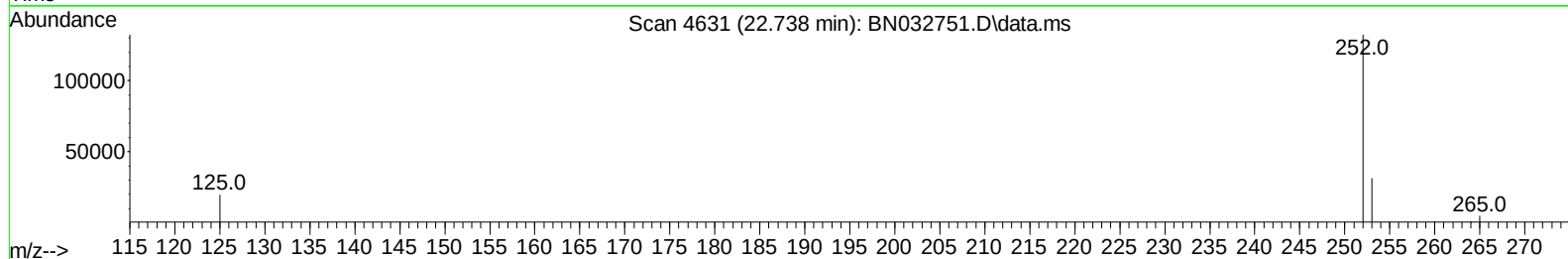
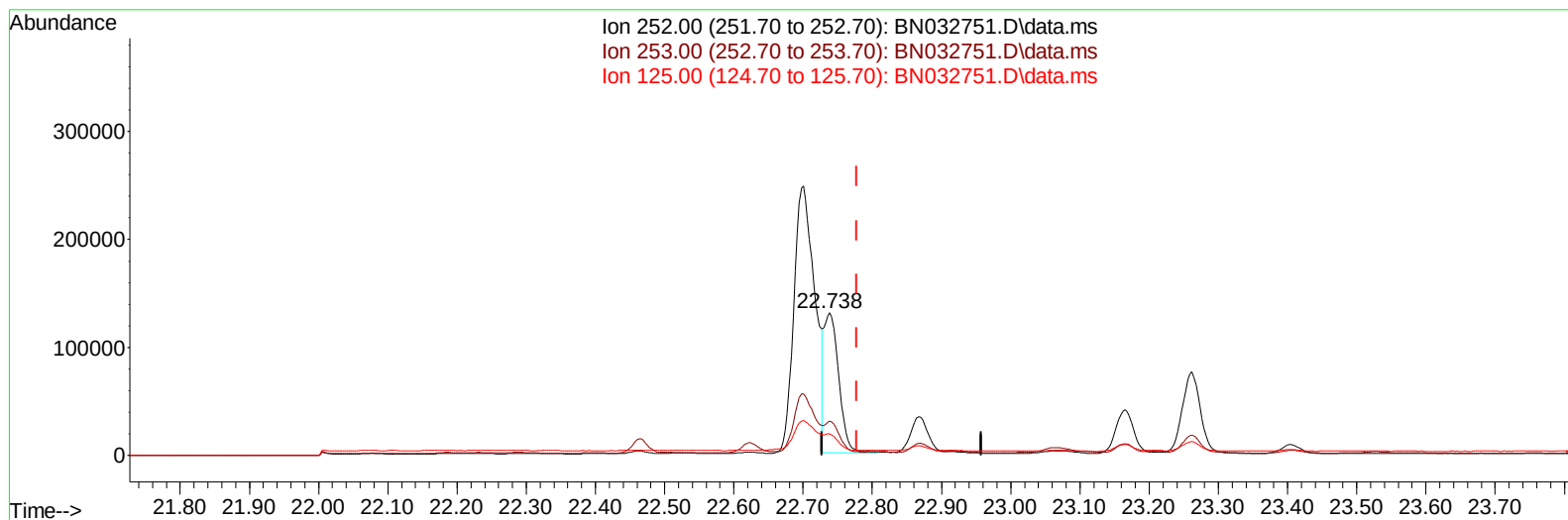
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

(25) Benzo(k)fluoranthene

22.738min (-0.039) 3.21 ng/ul m

response 195107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.71
125.00	18.50	14.89
0.00	0.00	0.00

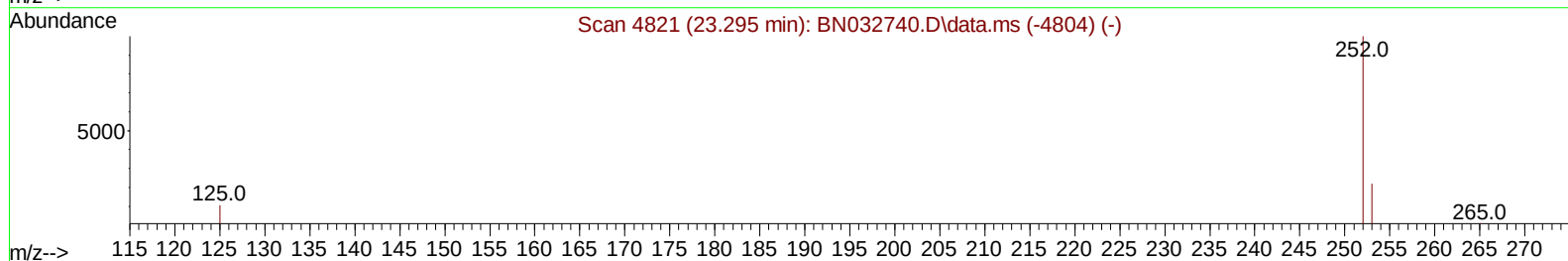
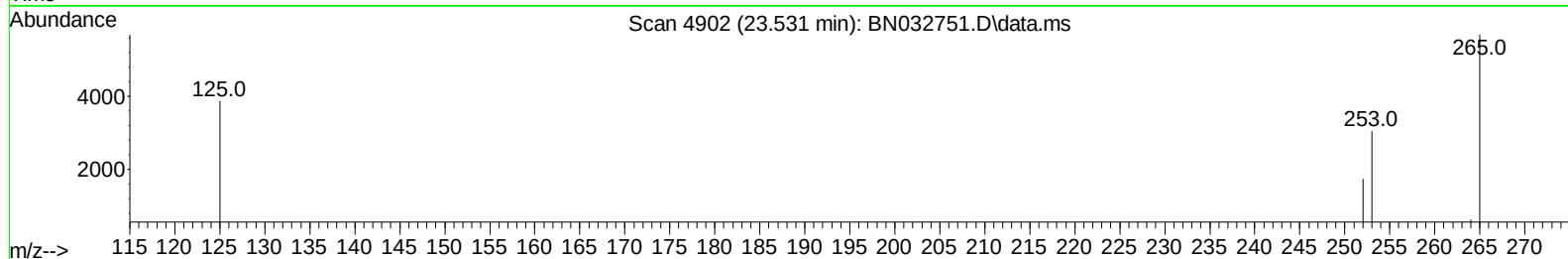
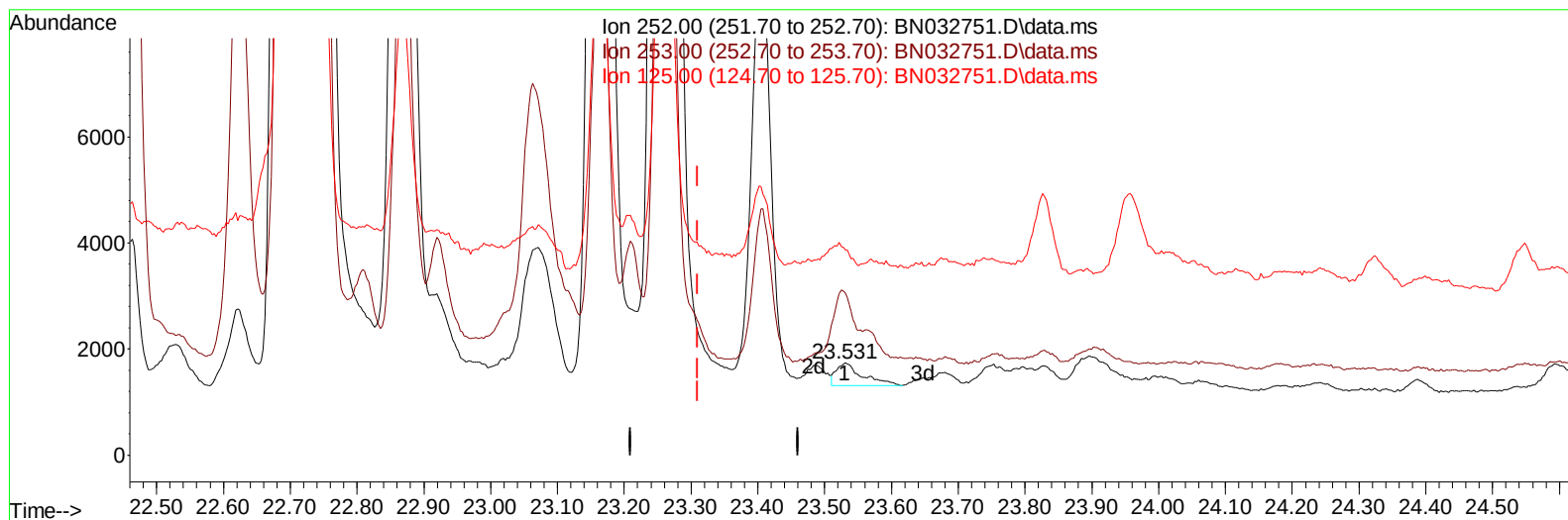
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

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



TIC: BN032751.D\data.ms

(26) Benzo(a)pyrene (C)

23.531min (+ 0.221) 0.03 ng/u1

response 1163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	175.56#
125.00	25.70	222.54#
0.00	0.00	0.00

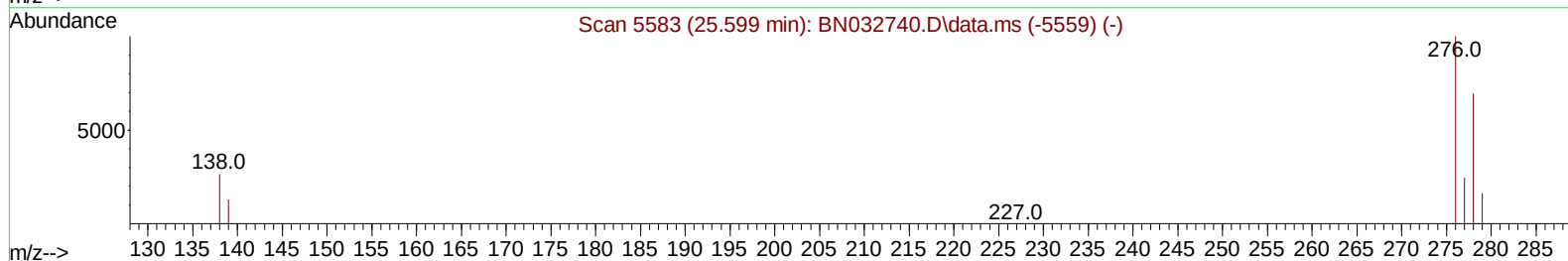
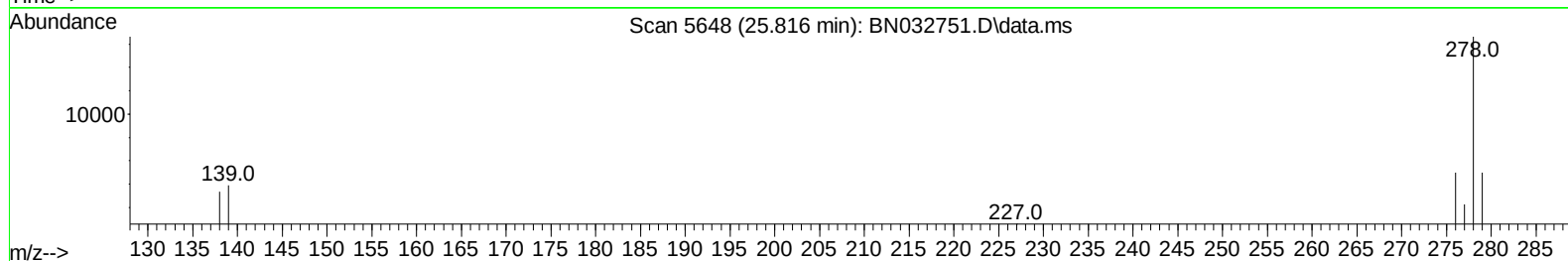
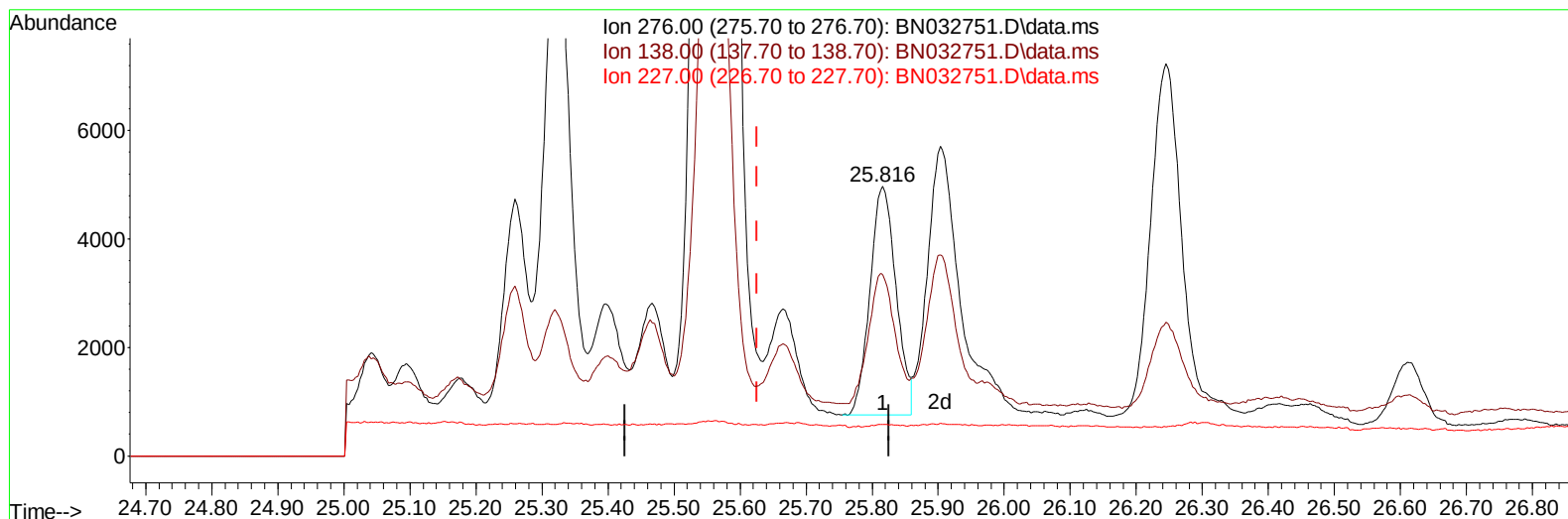
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

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

25.816min (+ 0.190) 0.20 ng/u1

response 11666

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	58.80#
227.00	0.00	0.93#
0.00	0.00	0.00

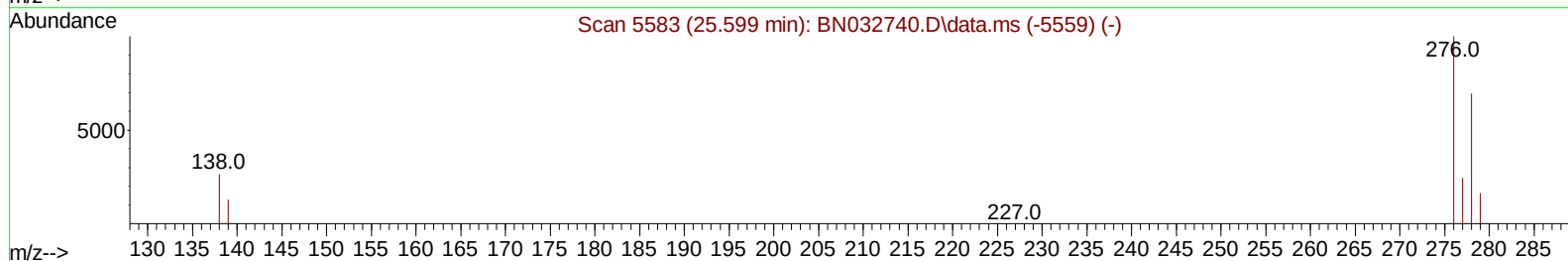
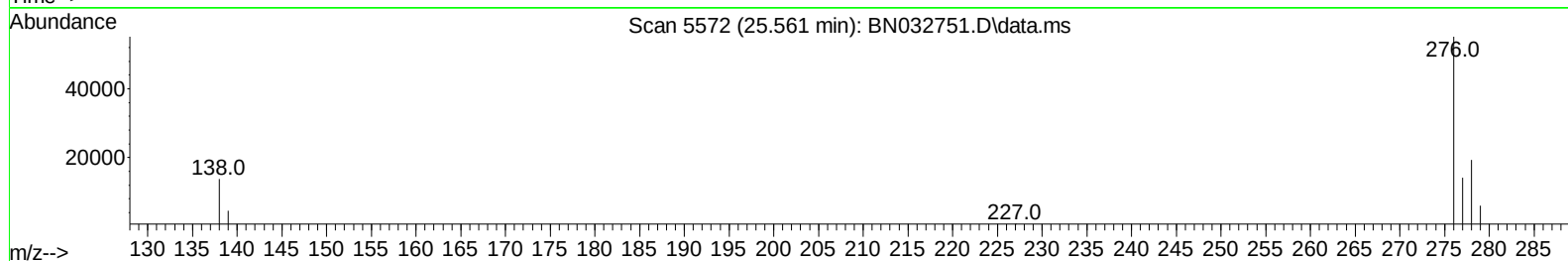
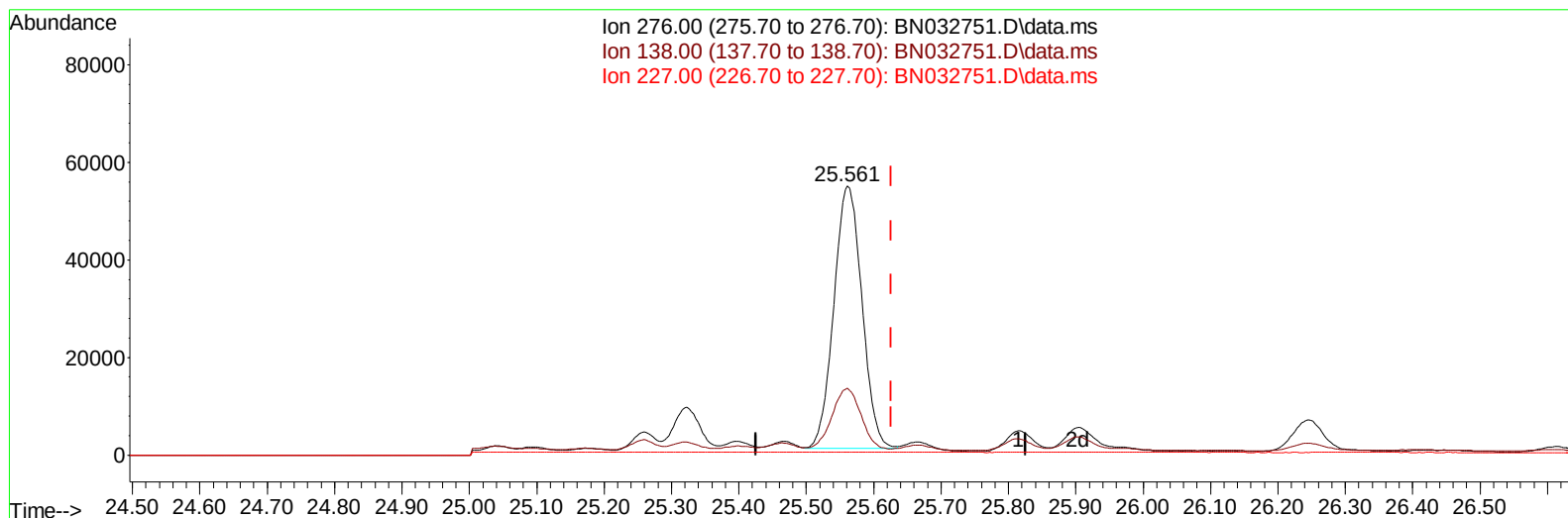
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:23 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: BN032751.D\data.ms

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

25.561min (-0.065) 2.66 ng/ul m

response 155564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.41#
227.00	0.00	0.07#
0.00	0.00	0.00

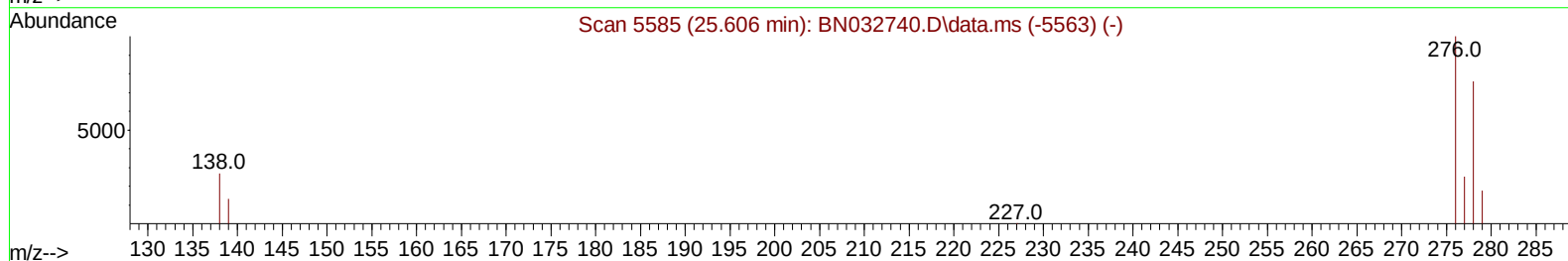
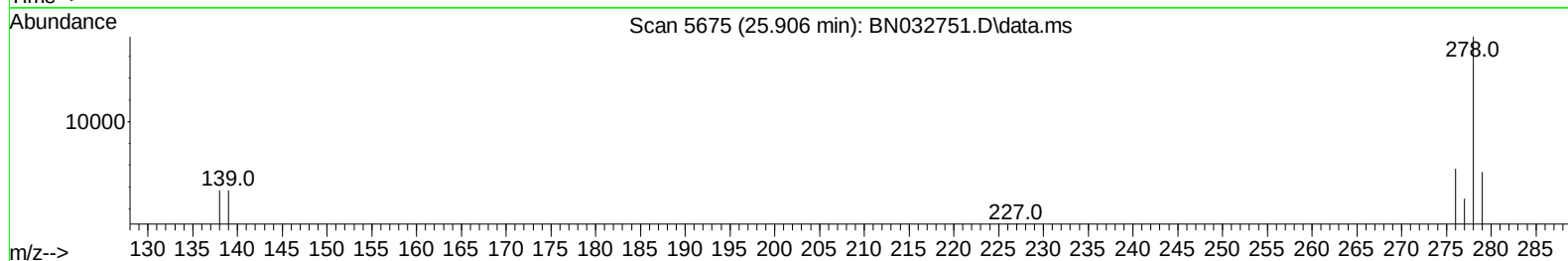
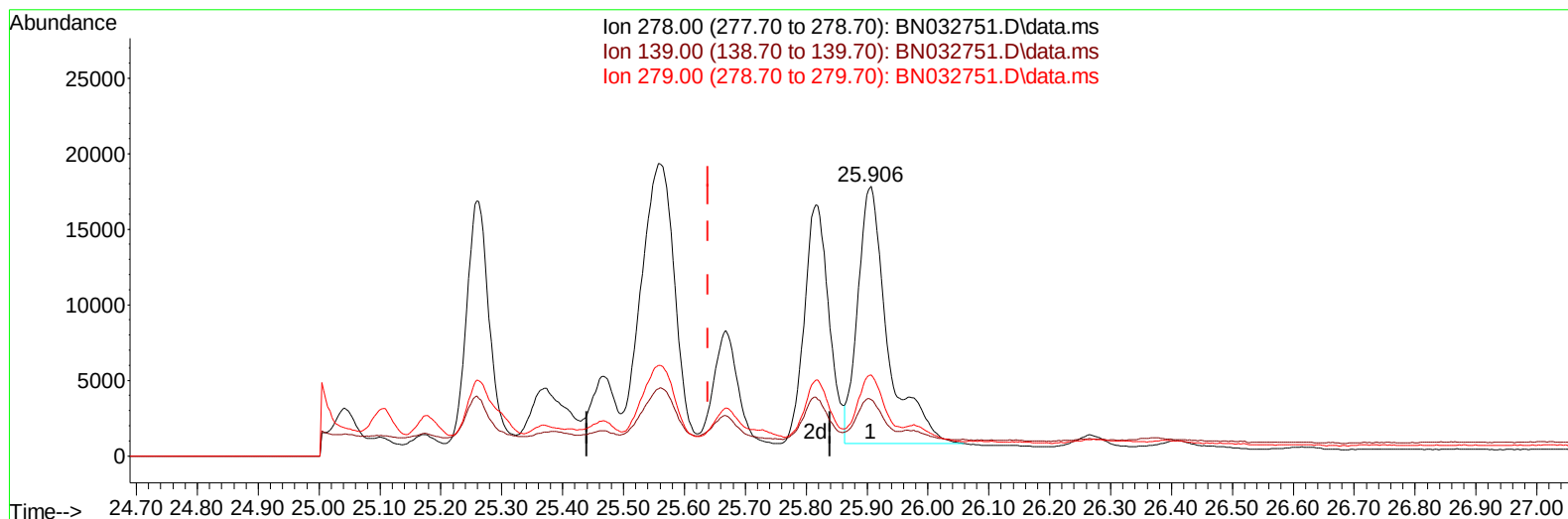
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN032751.D\data.ms

(28) Dibenzo(a,h)anthracene

25.906min (+ 0.267) 1.29 ng/u1

response 58559

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	20.83
279.00	29.60	30.03
0.00	0.00	0.00

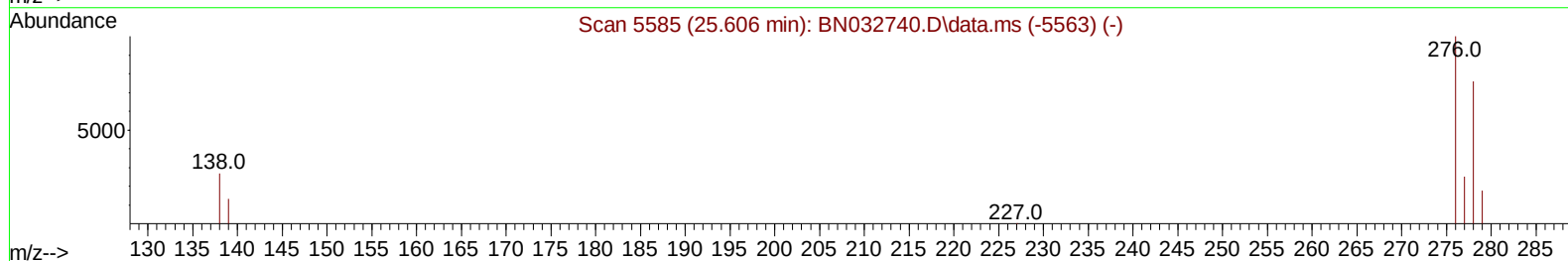
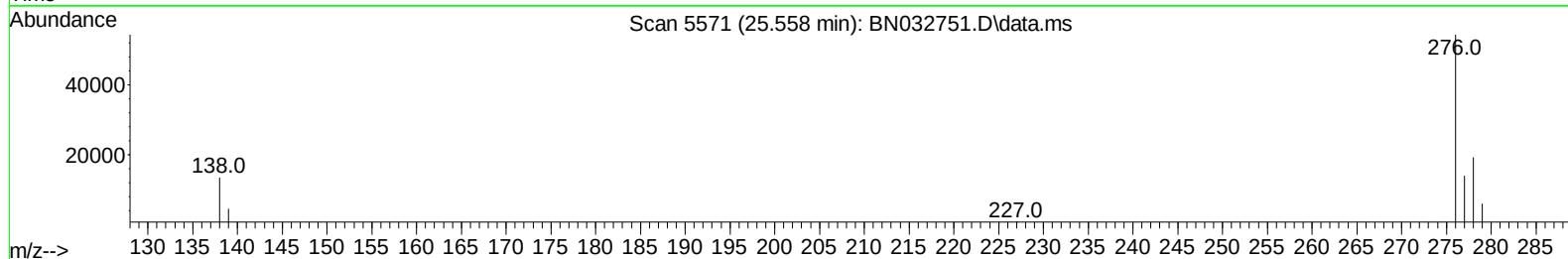
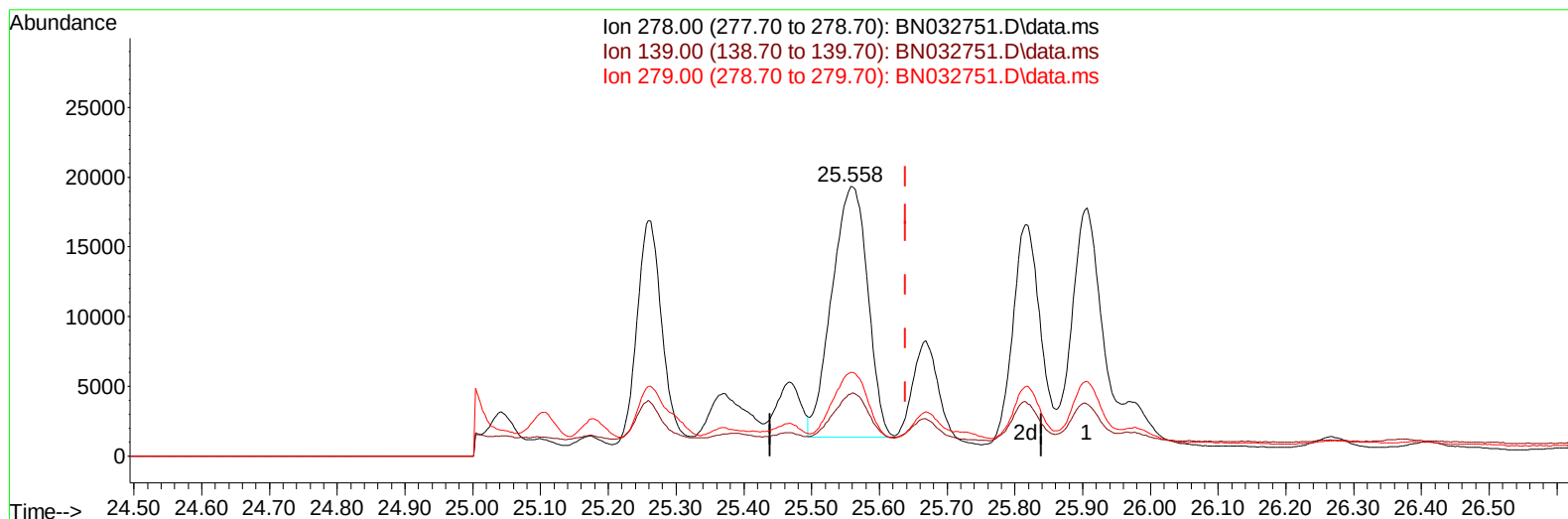
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

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TIC: BN032751.D\data.ms

(28) Dibenzo(a,h)anthracene

25.558min (-0.082) 1.46 ng/ul m

response 66060

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.91
279.00	29.60	31.08
0.00	0.00	0.00

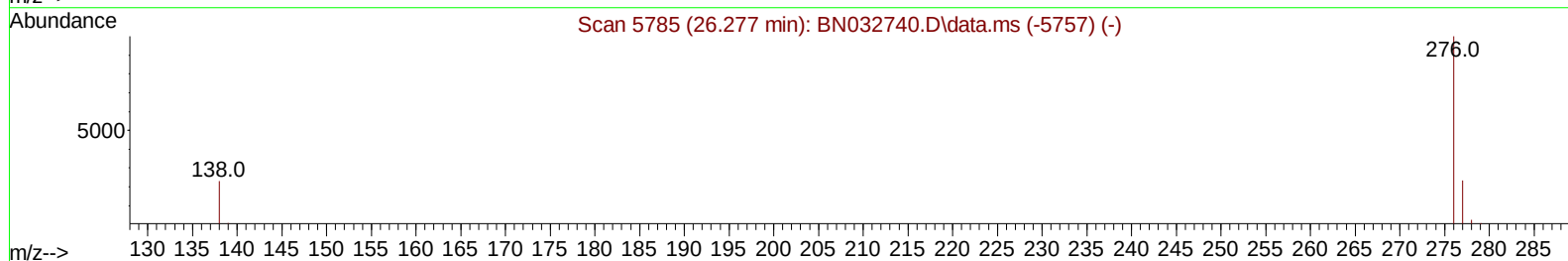
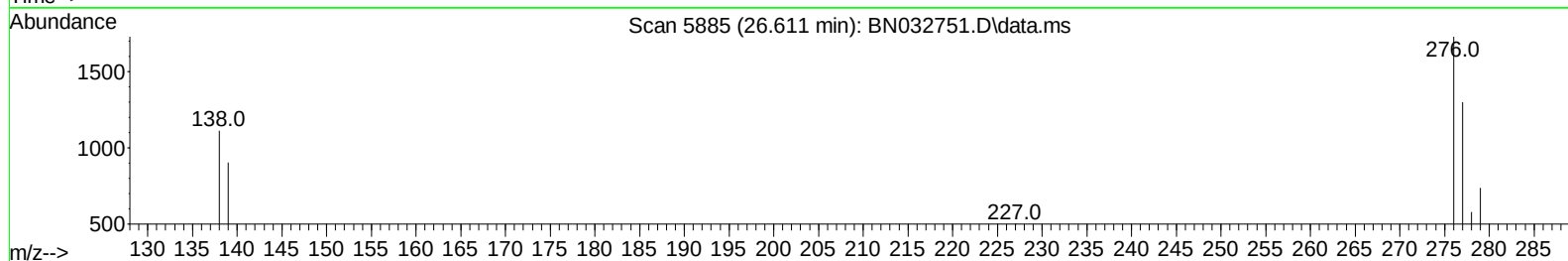
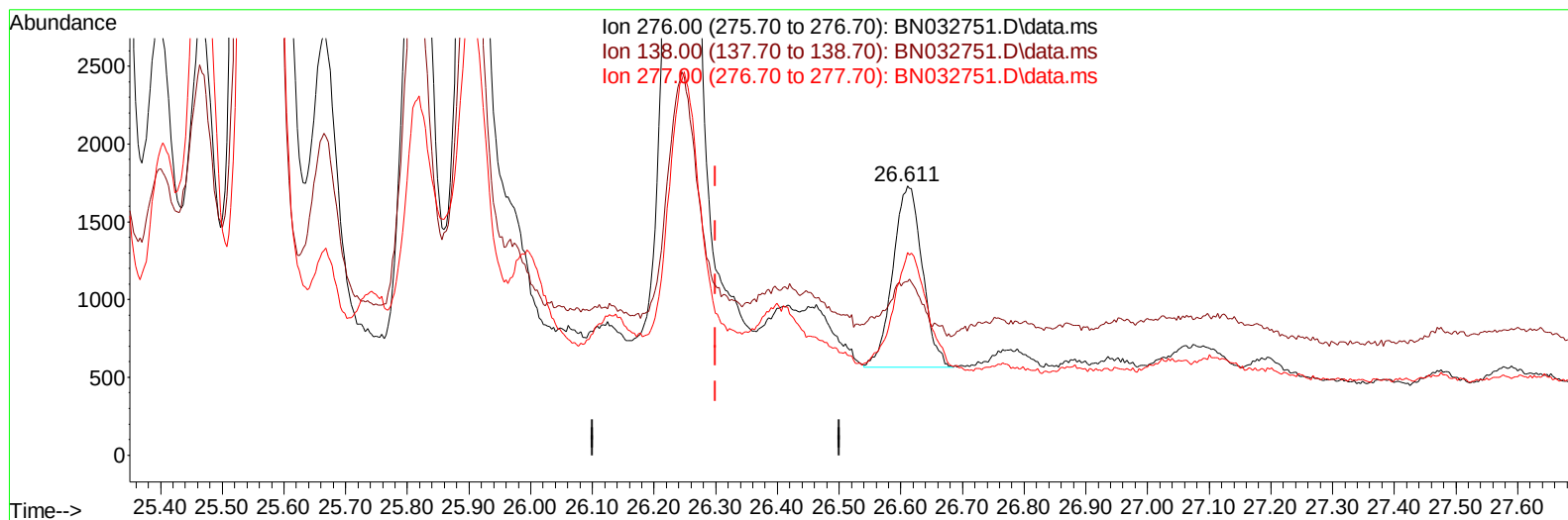
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Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN032751.D\data.ms

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

26.611min (+ 0.311) 0.08 ng/u1

response 3880

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	64.43#
277.00	25.80	75.25#
0.00	0.00	0.00

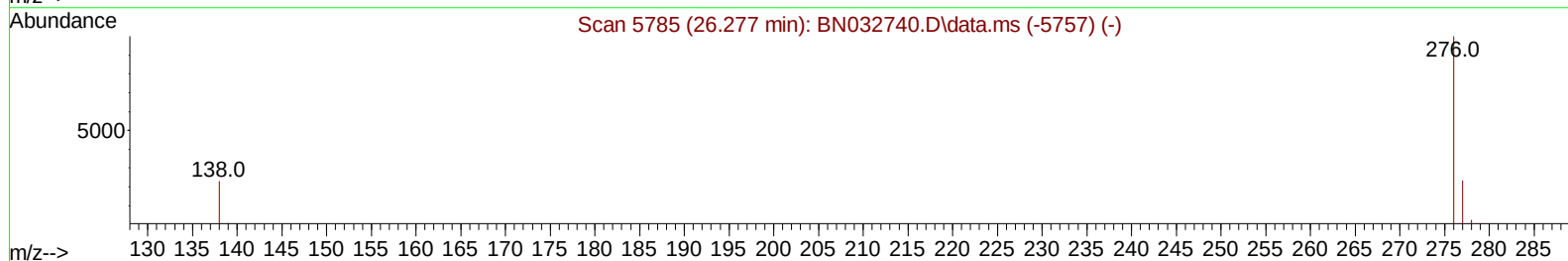
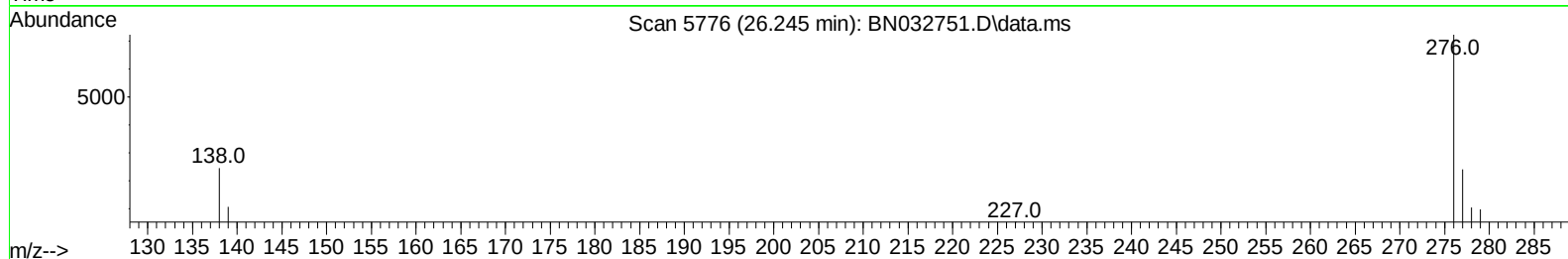
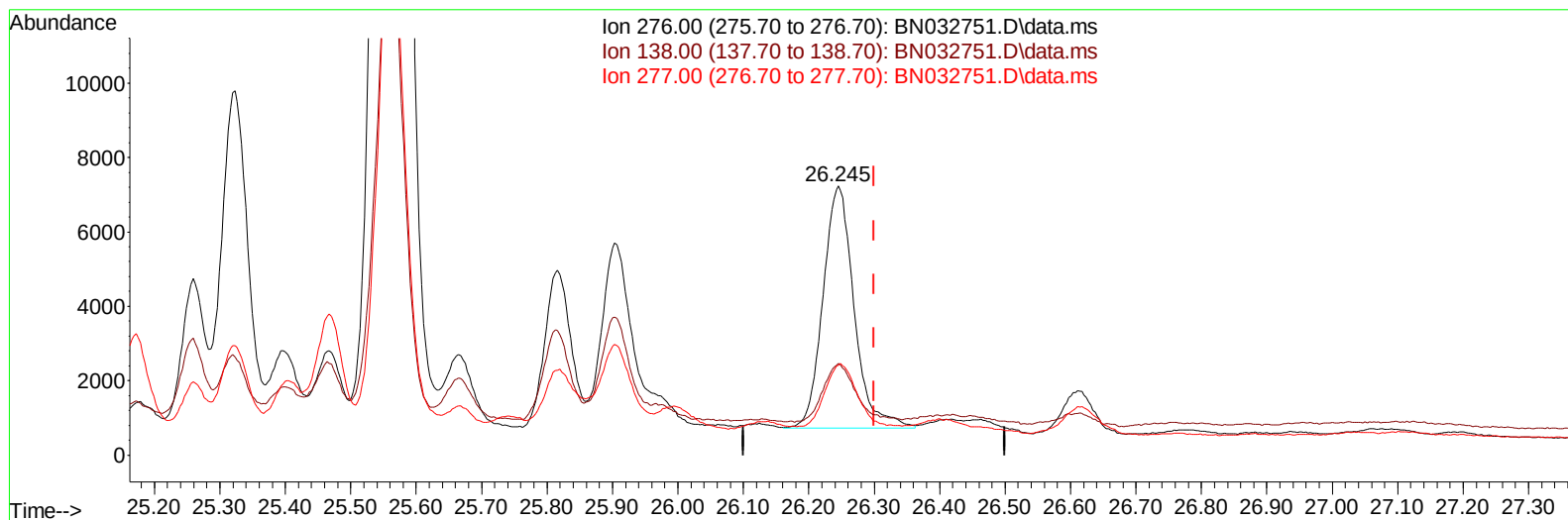
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Data File : BN032751.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

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TIC: BN032751.D\data.ms

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

26.245min (-0.055) 0.44 ng/ul m

response 21501

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	34.11#
277.00	25.80	33.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032751.D
 Acq On : 16 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
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Quant Time: Jul 16 23:55:23 2024
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 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	7.544	152	4555	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.315	136	13248	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.192	164	6849	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.951	188	14345m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.163	240	11870m	0.400	ng/ul	-0.03
23) Perylene-d12	23.355	264	14144m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	15994	2.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	3818	0.191	ng/ul	-0.05
18) Fluoranthene-d10	18.988	212	7843m	0.203	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.359	128	14068	0.395	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	3855	0.174	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	2945	0.128	ng/ul	98
10) Acenaphthylene	13.914	152	23797	0.860	ng/ul	100
11) Acenaphthene	14.256	153	11153	0.487	ng/ul	99
12) Fluorene	15.251	166	12368	0.473	ng/ul	99
15) Phenanthrene	16.989	178	281352m	7.202	ng/ul	
16) Anthracene	17.086	178	53427m	1.674	ng/ul	
19) Fluoranthene	19.021	202	658636m	13.647	ng/ul	
20) Pyrene	19.388	202	392720m	7.862	ng/ul	
21) Benzo(a)anthracene	21.146	228	320296m	8.477	ng/ul	
22) Chrysene	21.198	228	371658m	6.800	ng/ul	
24) Benzo(b)fluoranthene	22.700	252	524486m	10.510	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	195107m	3.208	ng/ul	
26) Benzo(a)pyrene	23.262	252	138421m	3.205	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.561	276	155564m	2.660	ng/ul	
28) Dibenzo(a,h)anthracene	25.558	278	66060m	1.457	ng/ul	
29) Benzo(g,h,i)perylene	26.245	276	21501m	0.440	ng/ul	

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

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