

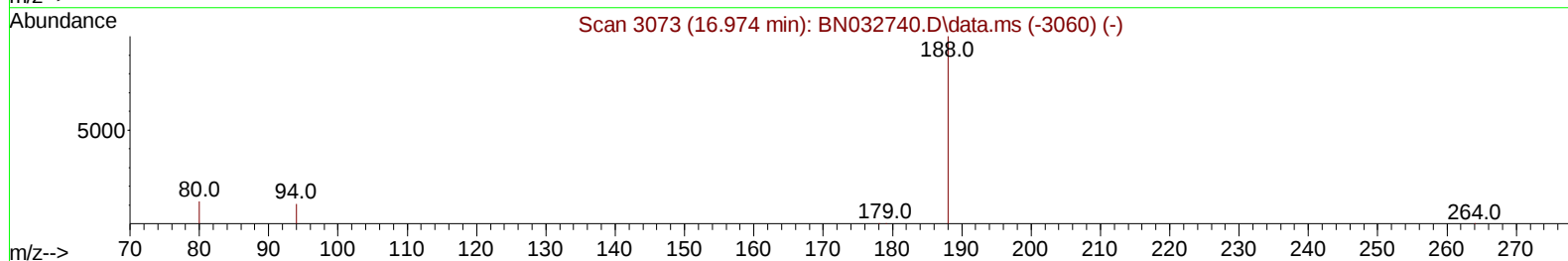
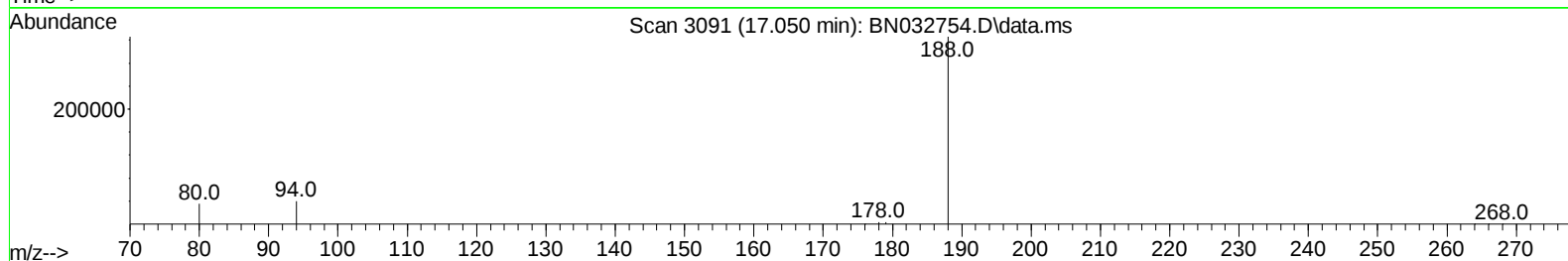
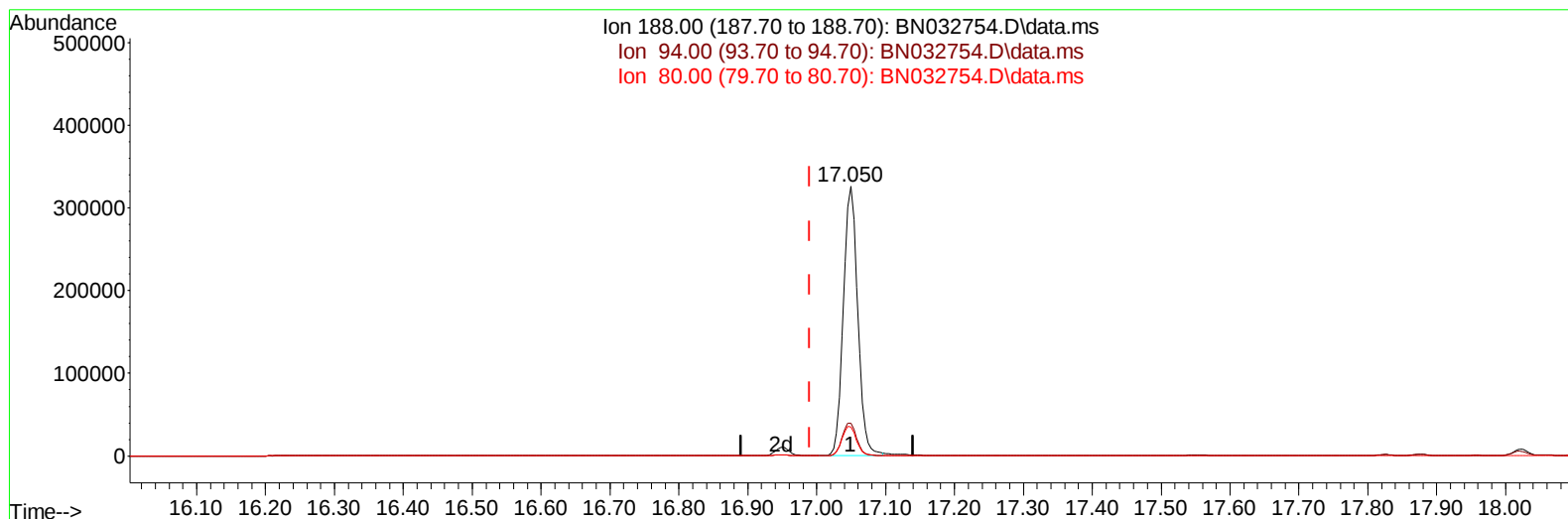
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(13) Phenanthrene-d10 (I)

17.050min (+ 0.059) 0.40 ng/u1

response 472628

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.08
80.00	12.00	10.84
0.00	0.00	0.00

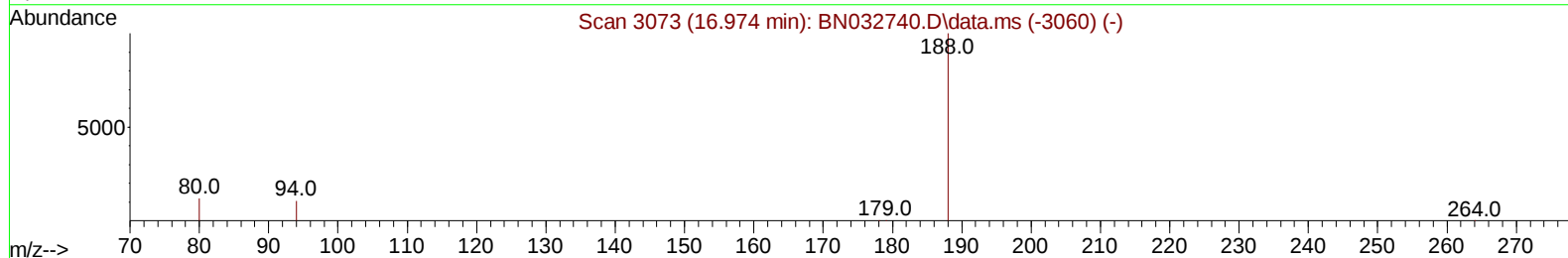
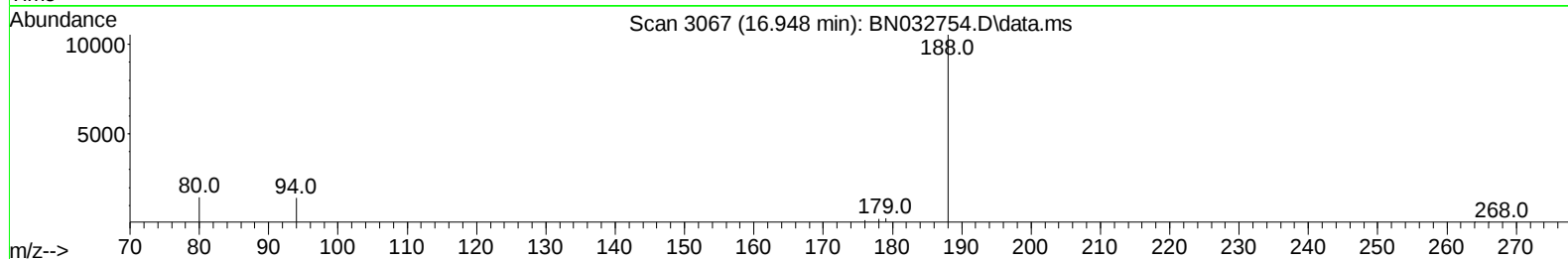
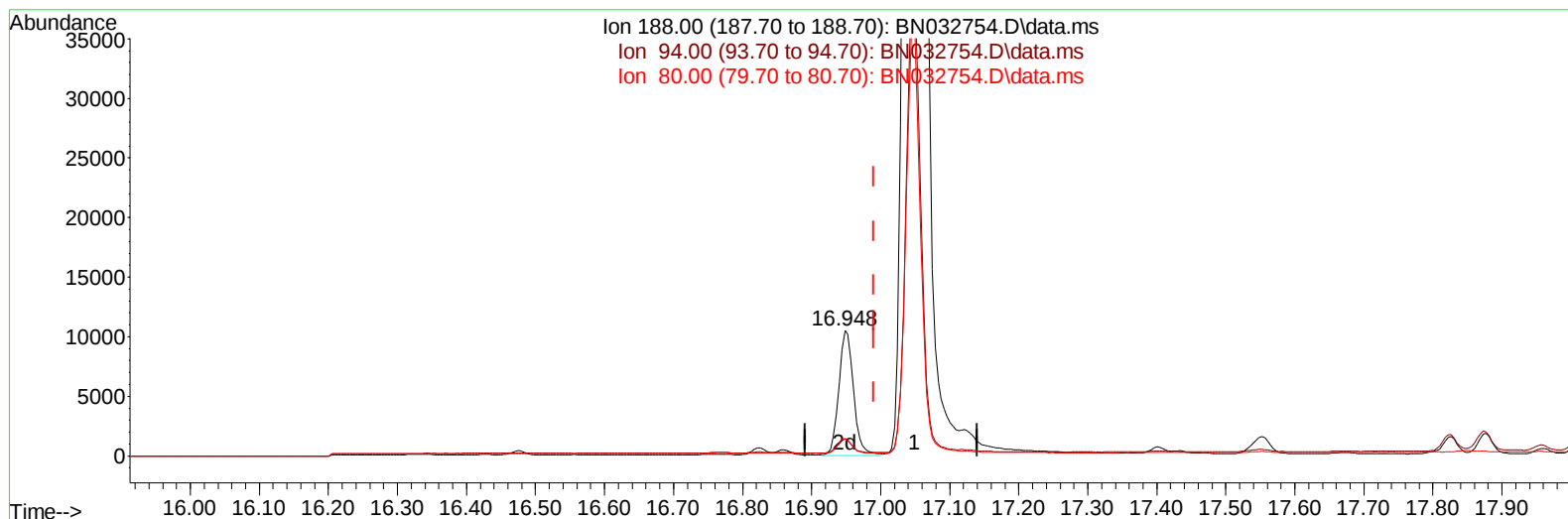
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(13) Phenanthrene-d10 (I)

16.948min (-0.042) 0.40 ng/u1 m

response 15612

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.41#
80.00	12.00	13.79
0.00	0.00	0.00

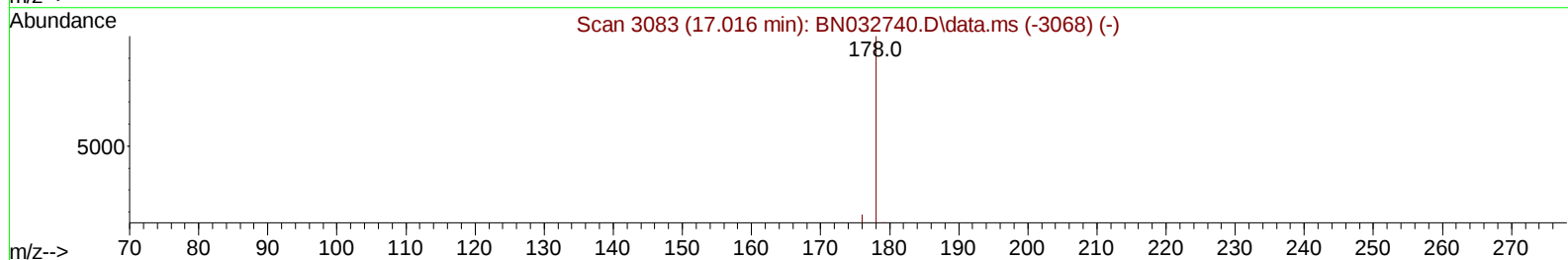
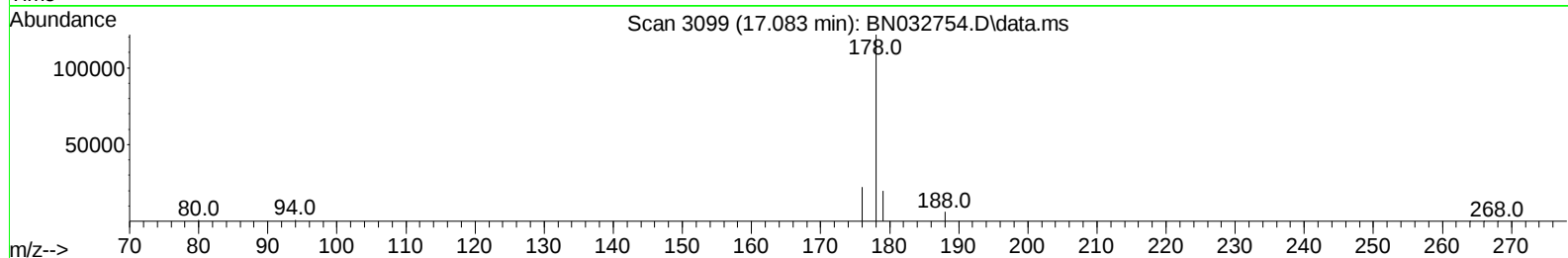
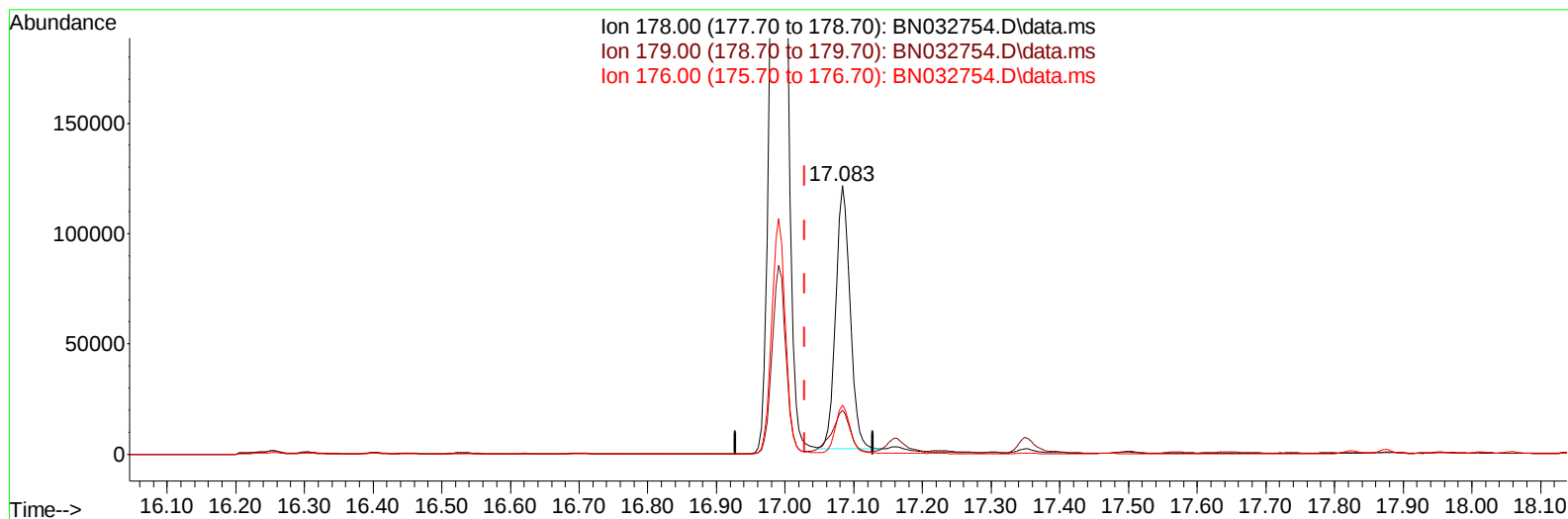
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(15) Phenanthrene

17.083min (+ 0.055) 4.10 ng/u1

response 174184

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.45
176.00	19.50	18.41
0.00	0.00	0.00

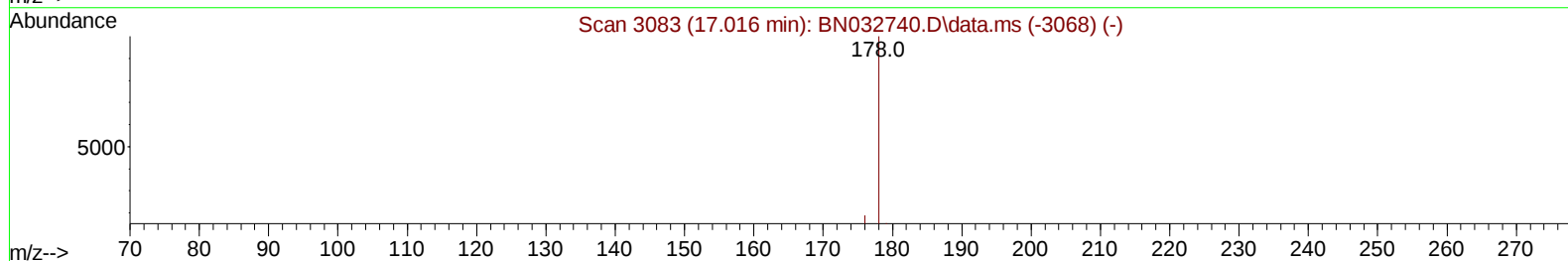
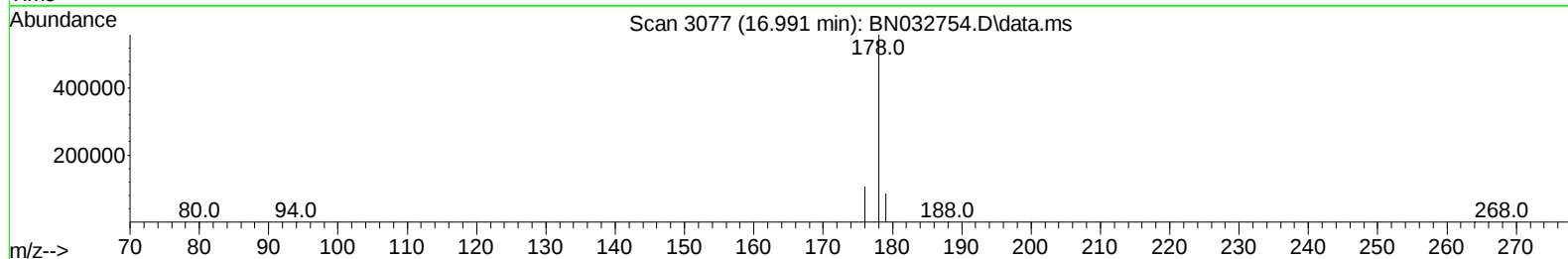
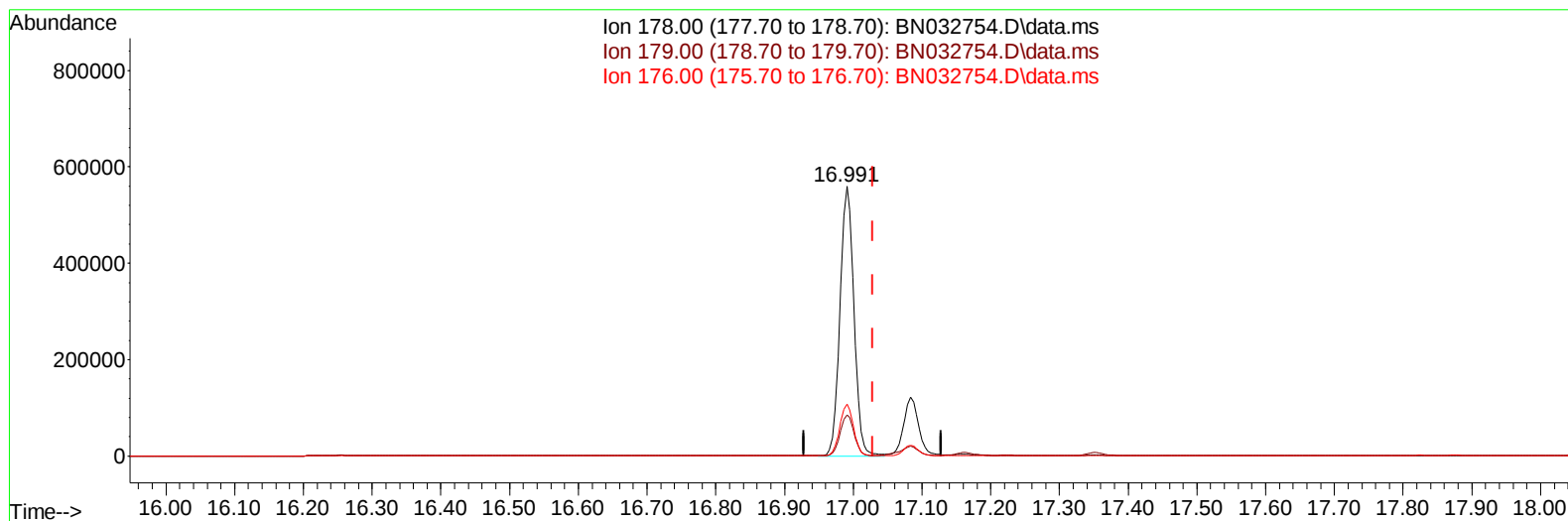
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032754.D
 Acq On : 16 Jul 2024 23:07
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(15) Phenanthrene

16.991min (-0.038) 18.49 ng/ul m

response 786183

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.32
176.00	19.50	19.13
0.00	0.00	0.00

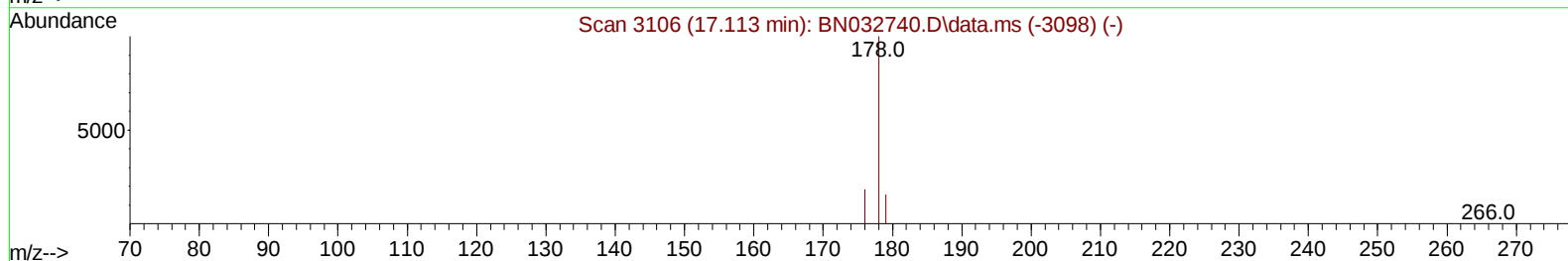
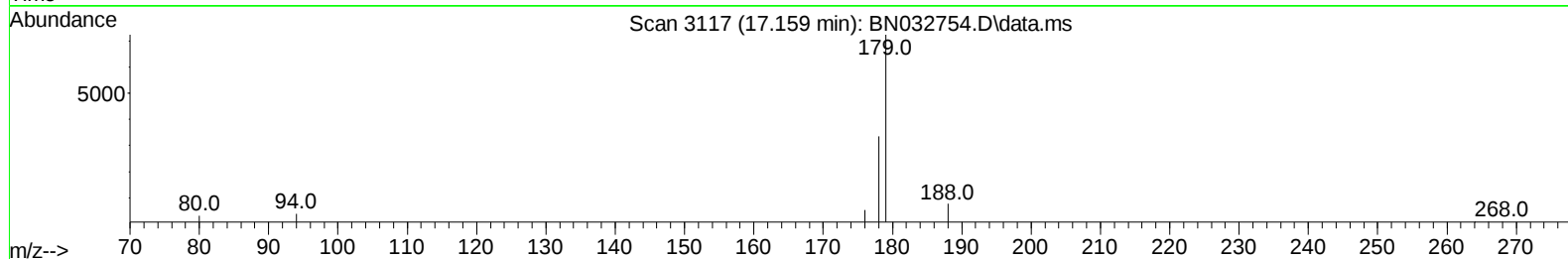
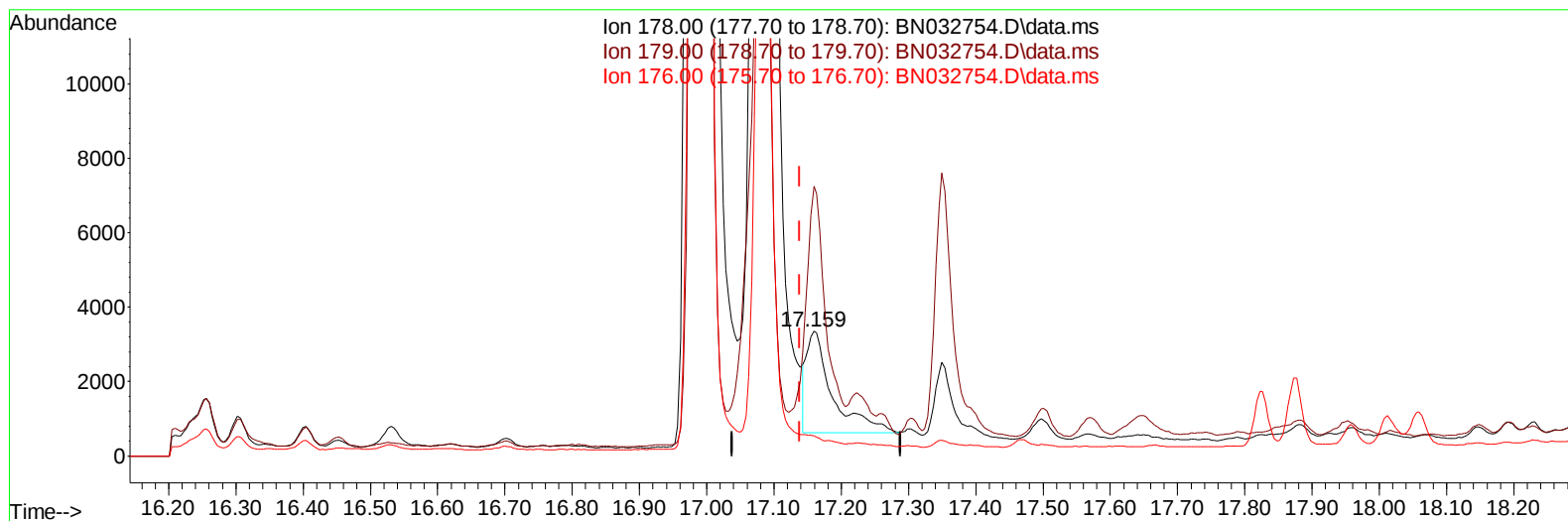
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032754.D\data.ms

(16) Anthracene

17.159min (+ 0.021) 0.21 ng/u1

response 7323

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	216.28#
176.00	19.20	16.01
0.00	0.00	0.00

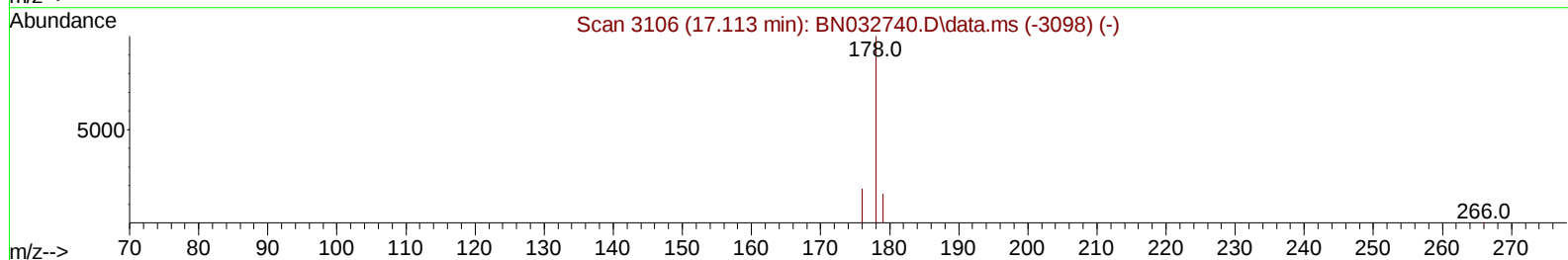
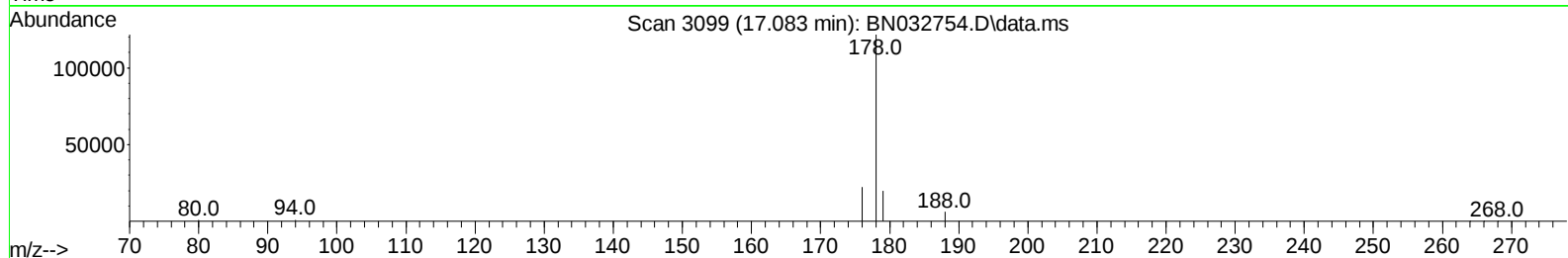
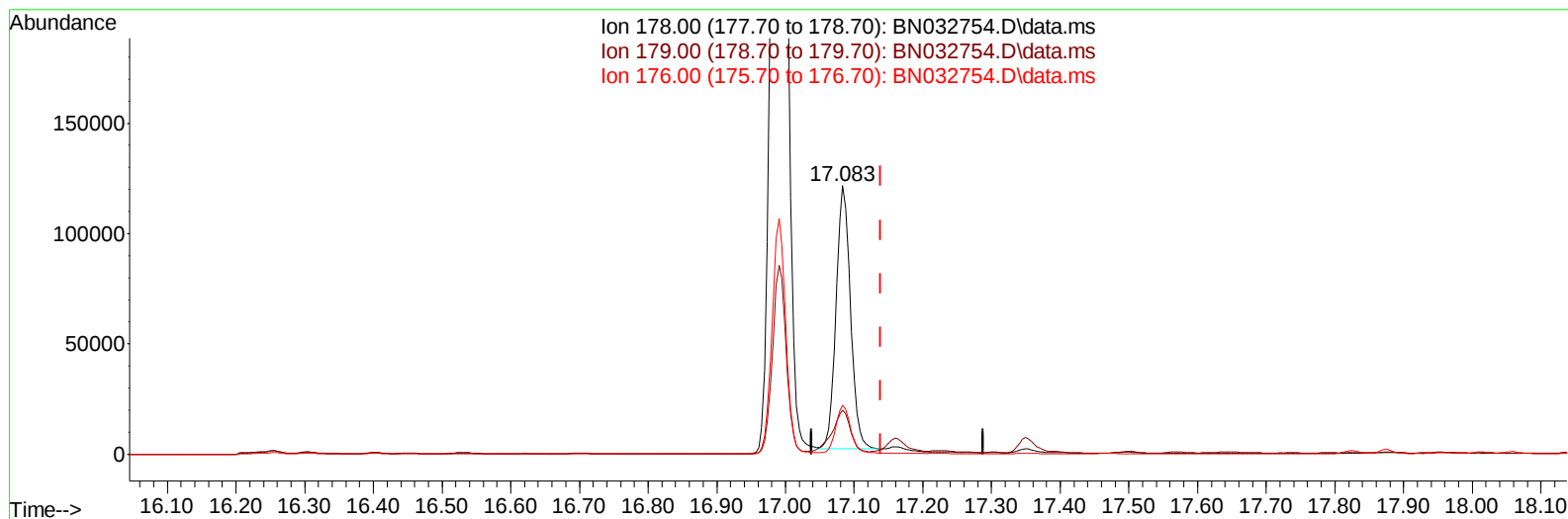
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(16) Anthracene

17.083min (-0.055) 5.02 ng/u1 m

response 174412

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.45
176.00	19.20	18.41
0.00	0.00	0.00

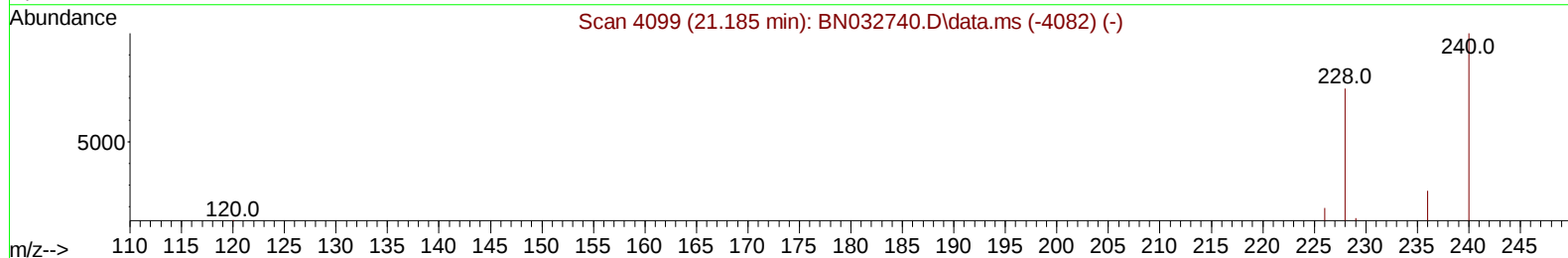
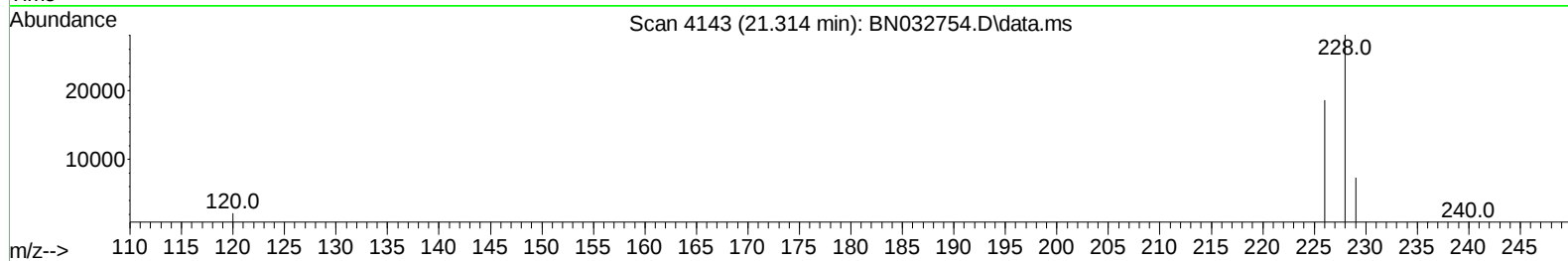
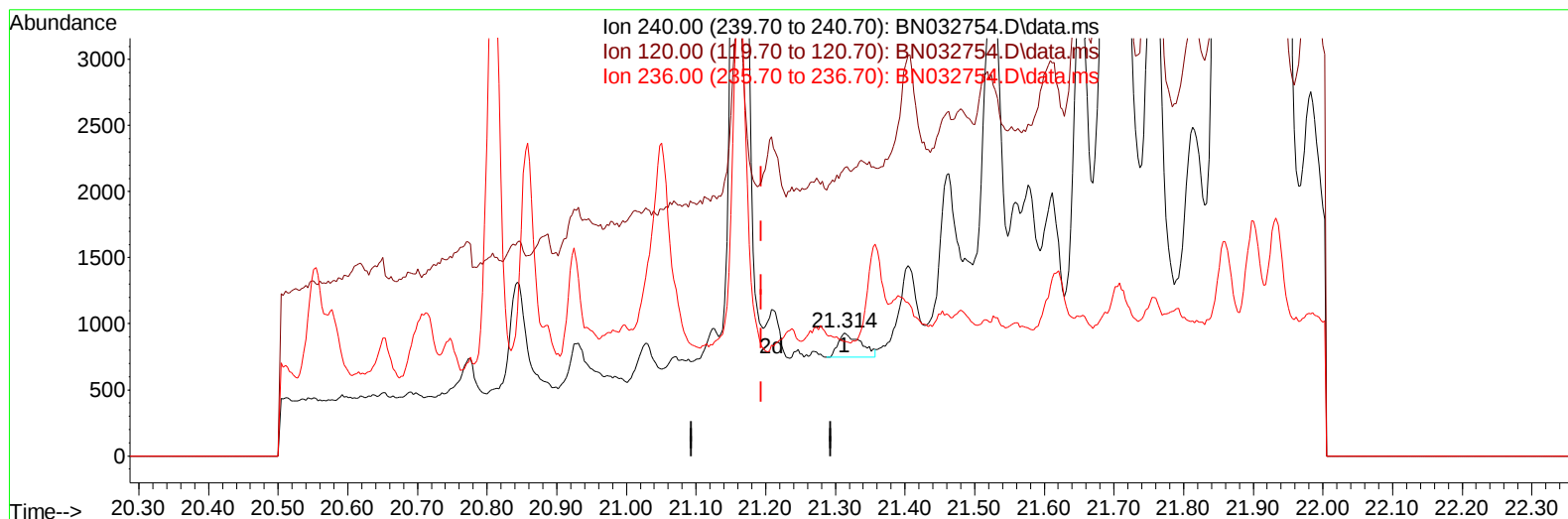
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(17) Chrysene-d12

21.314min (+ 0.120) 0.40 ng/u1

response 418

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	234.37#
236.00	28.40	93.23#
0.00	0.00	0.00

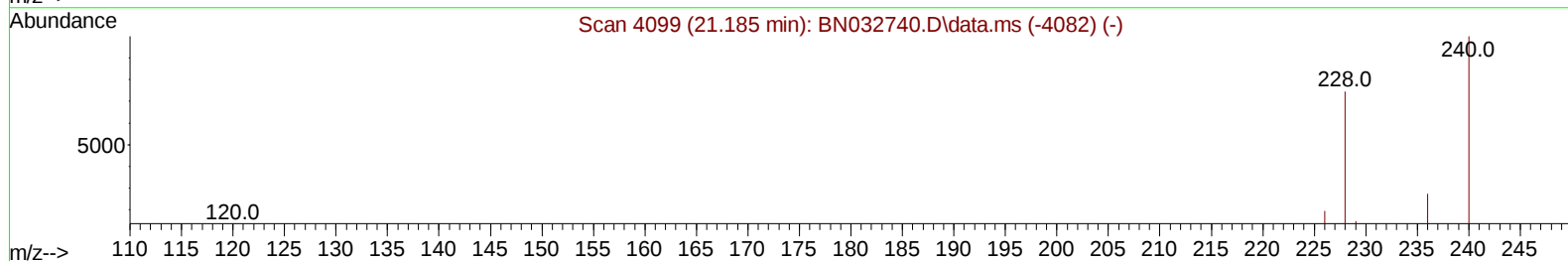
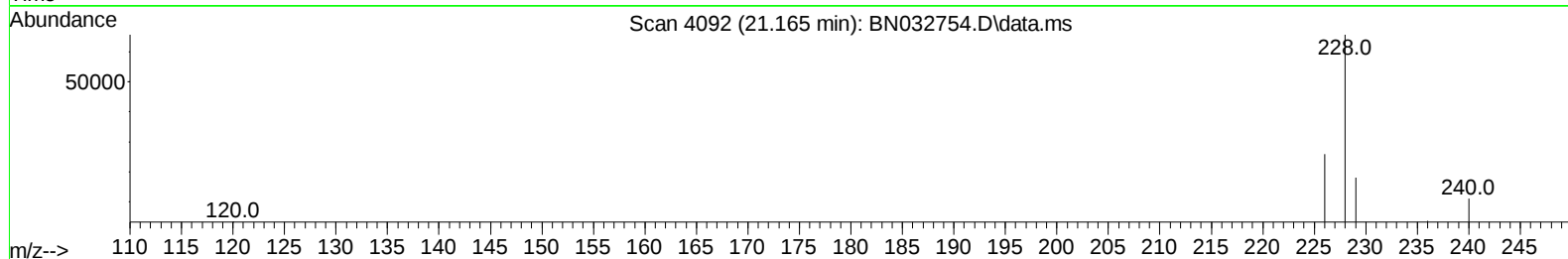
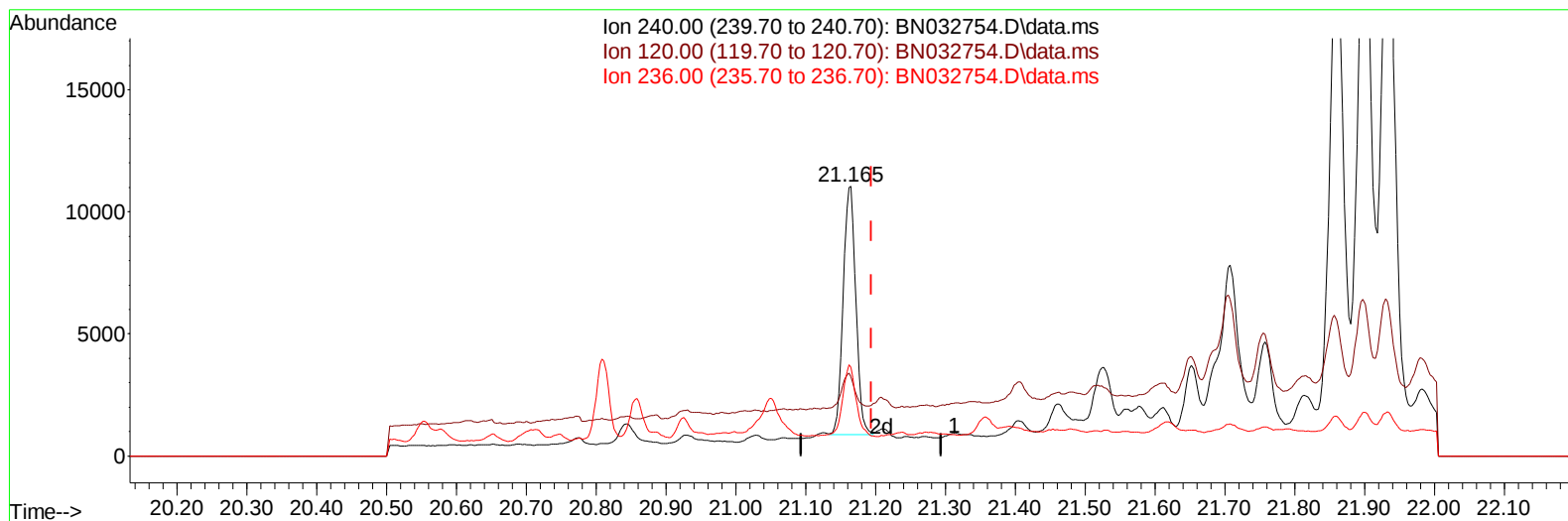
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(17) Chrysene-d12

21.165min (-0.029) 0.40 ng/u1 m

response 12797

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	29.45#
236.00	28.40	32.80
0.00	0.00	0.00

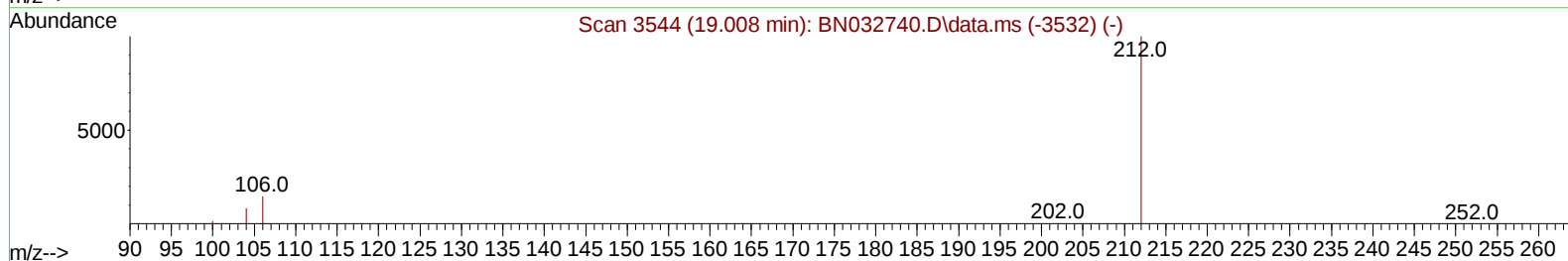
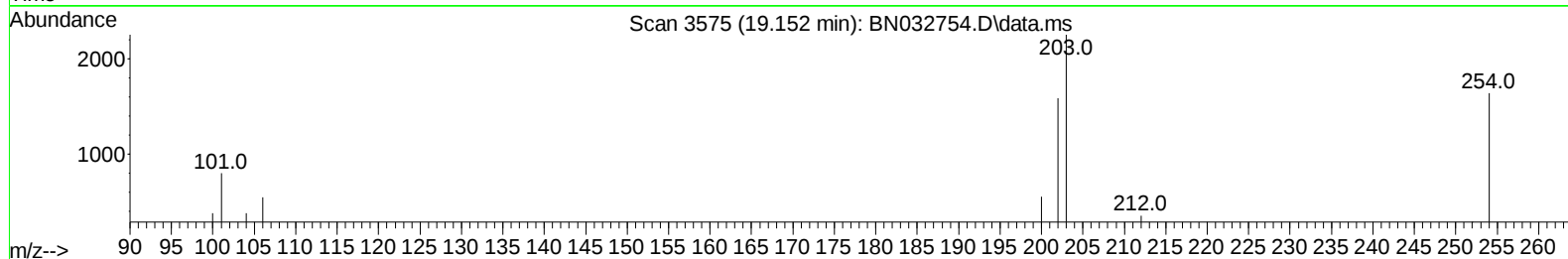
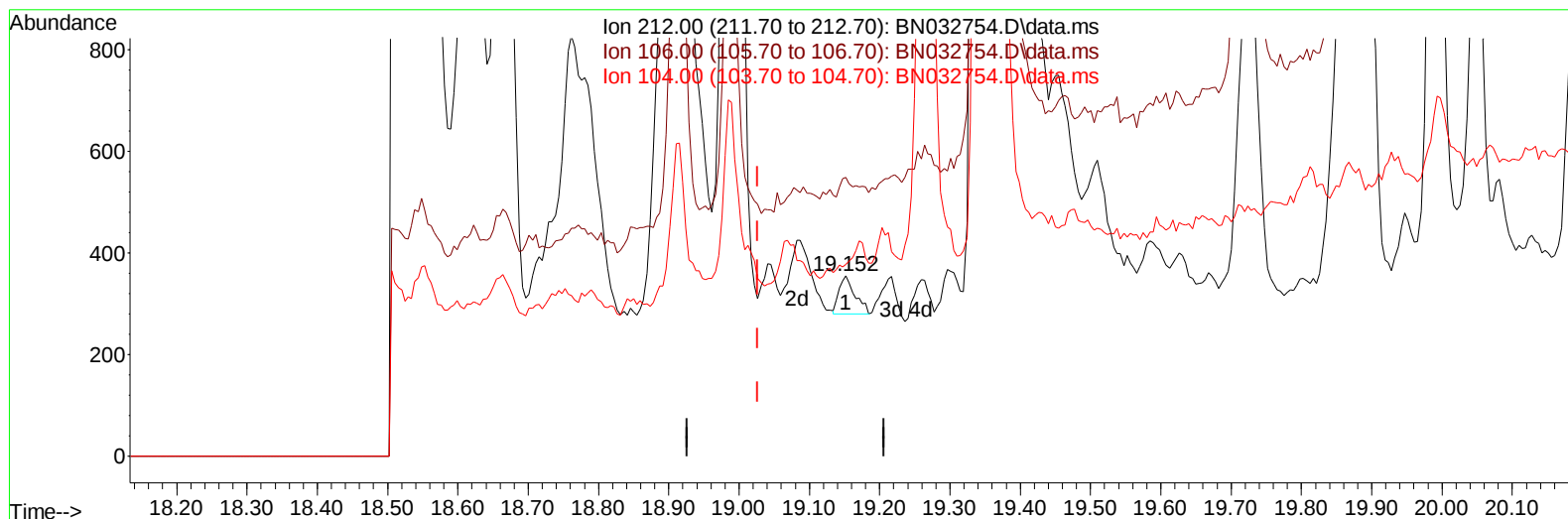
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032754.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.125) 0.00 ng/u1

response 120

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	64.17#
104.00	9.00	72.50#
0.00	0.00	0.00

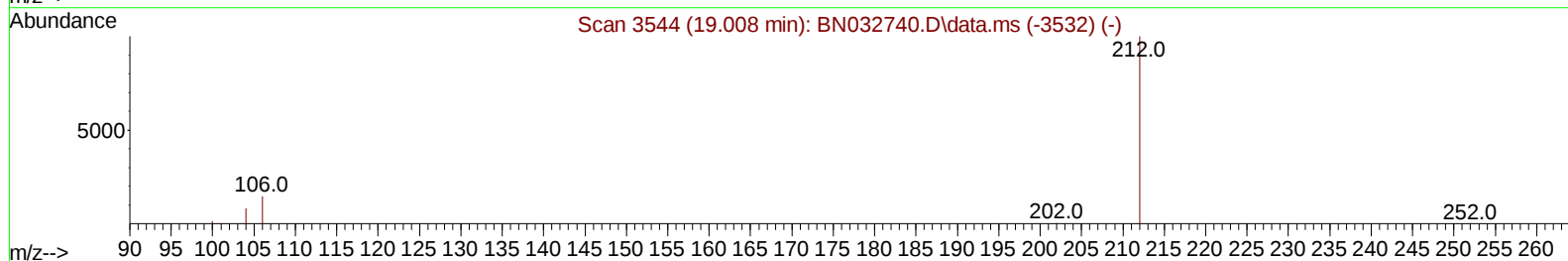
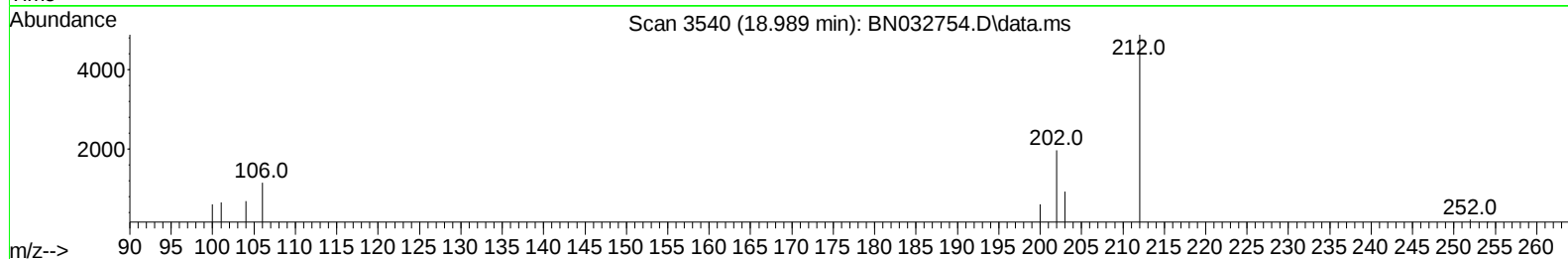
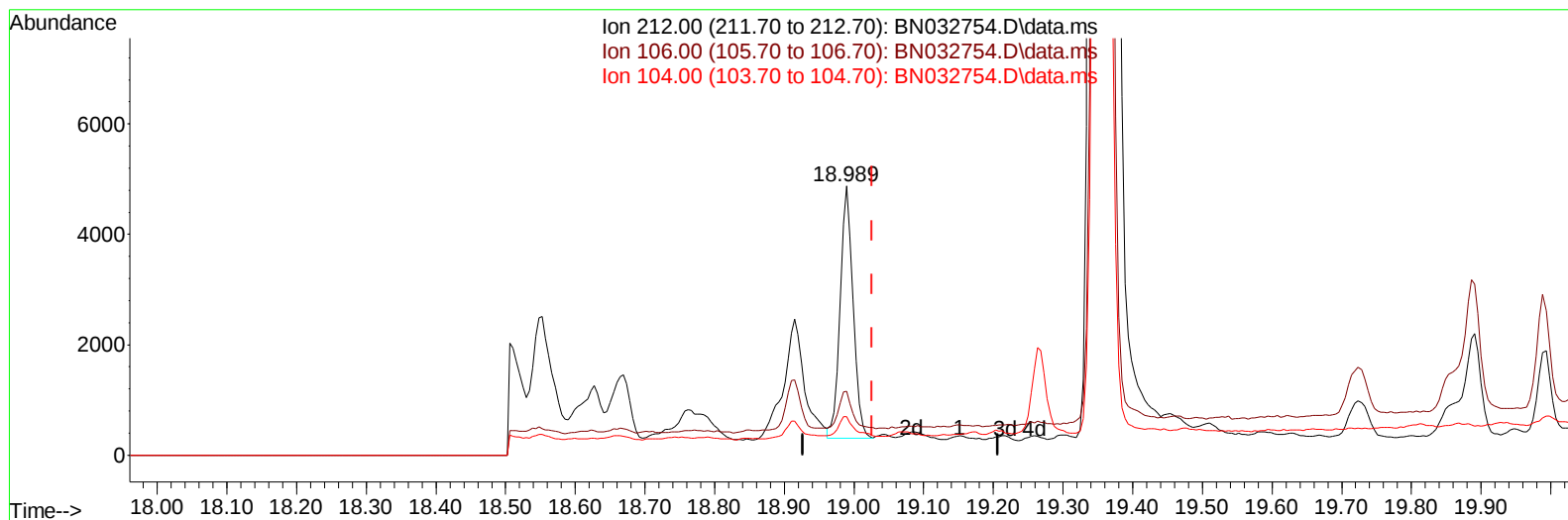
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 2024
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TIC: BN032754.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.989min (-0.037) 0.14 ng/u1 m

response 5983

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.29#
104.00	9.00	1.45#
0.00	0.00	0.00

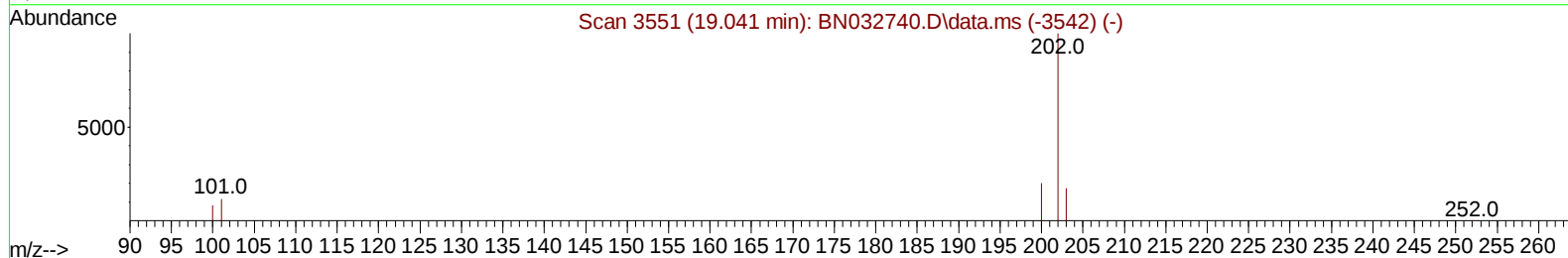
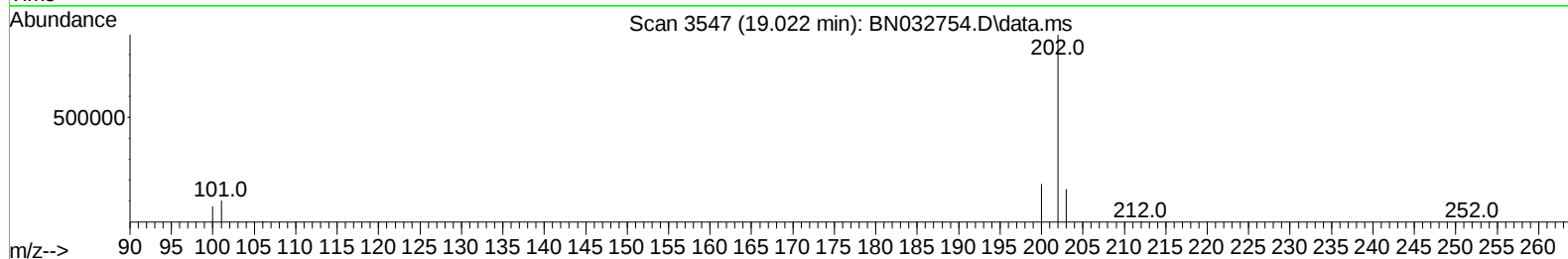
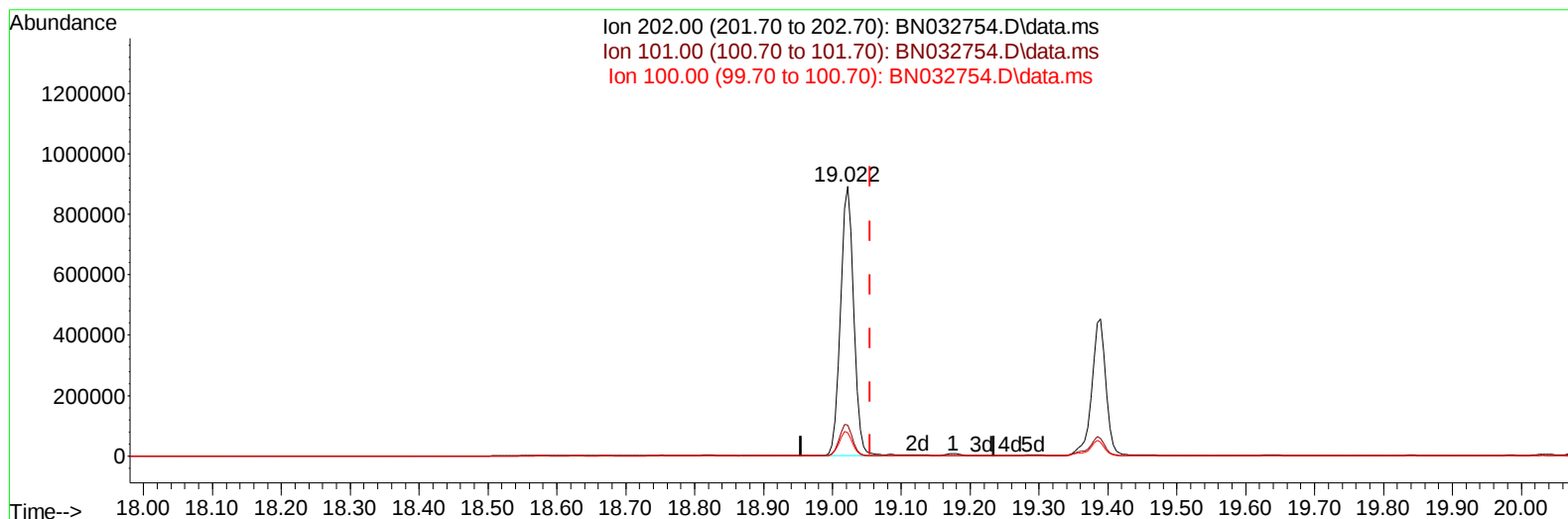
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 2024
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TIC: BN032754.D\data.ms

(19) Fluoranthene (C)

19.022min (-0.033) 22.99 ng/u1 m

response 1196415

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.45
100.00	9.90	8.64
0.00	0.00	0.00

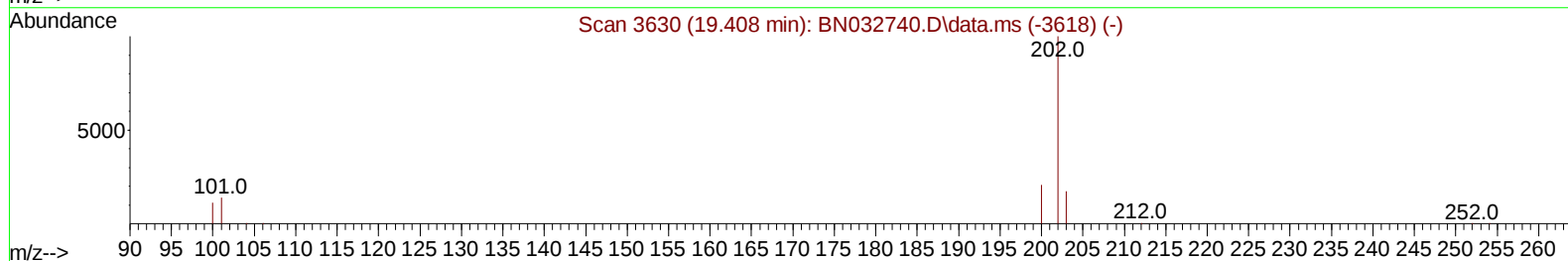
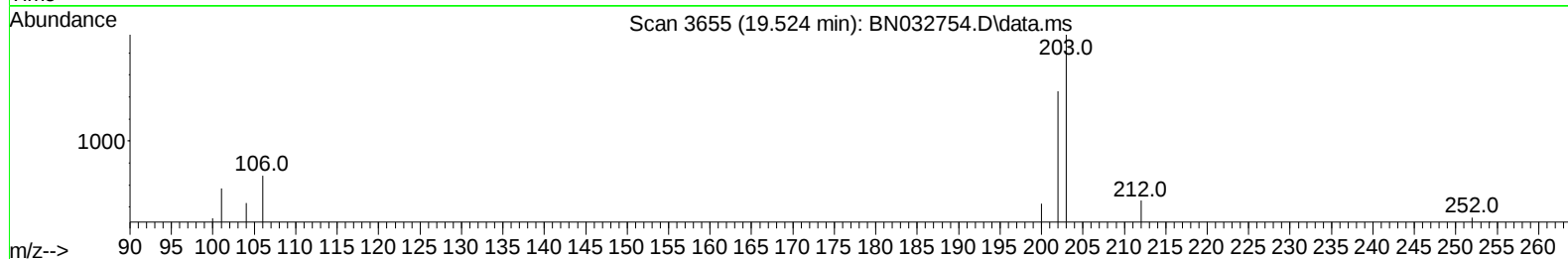
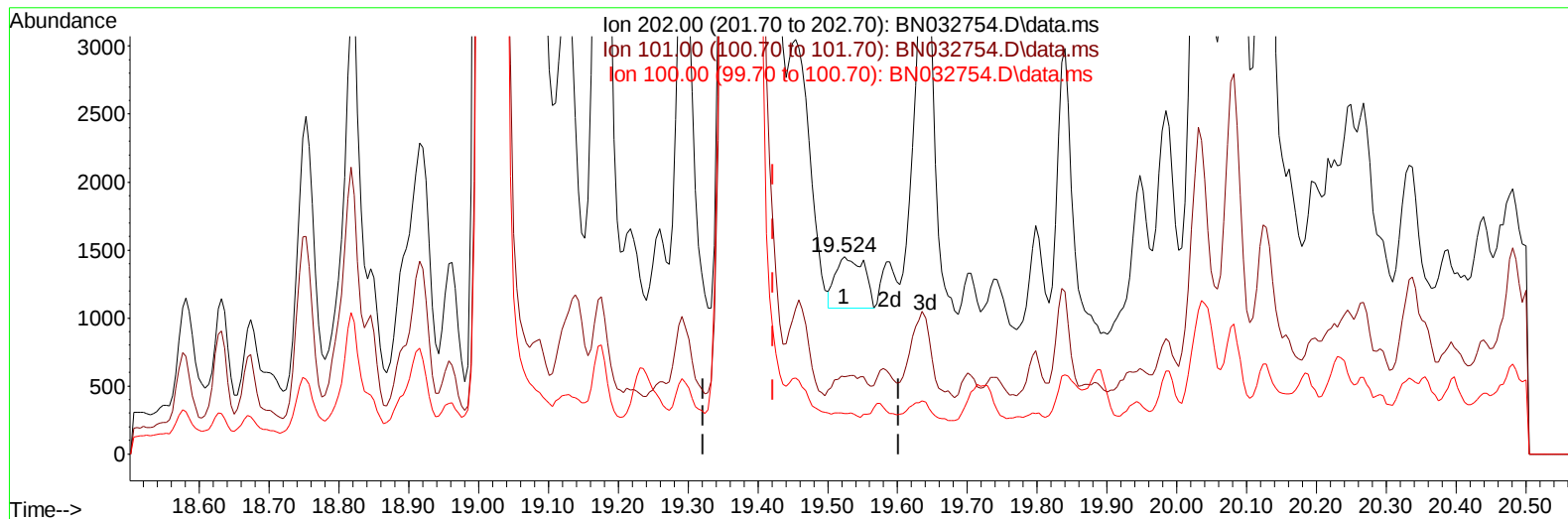
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(20) Pyrene

19.524min (+ 0.102) 0.02 ng/u1

response 1064

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	39.26#
100.00	12.00	20.45#
0.00	0.00	0.00

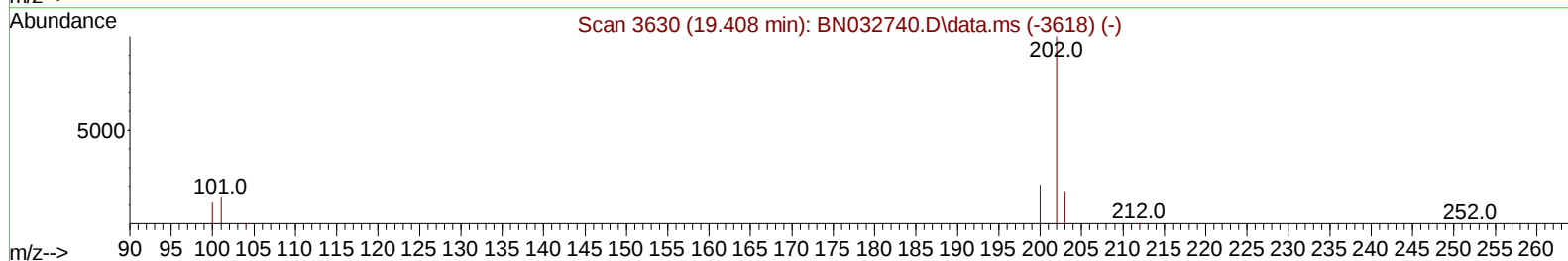
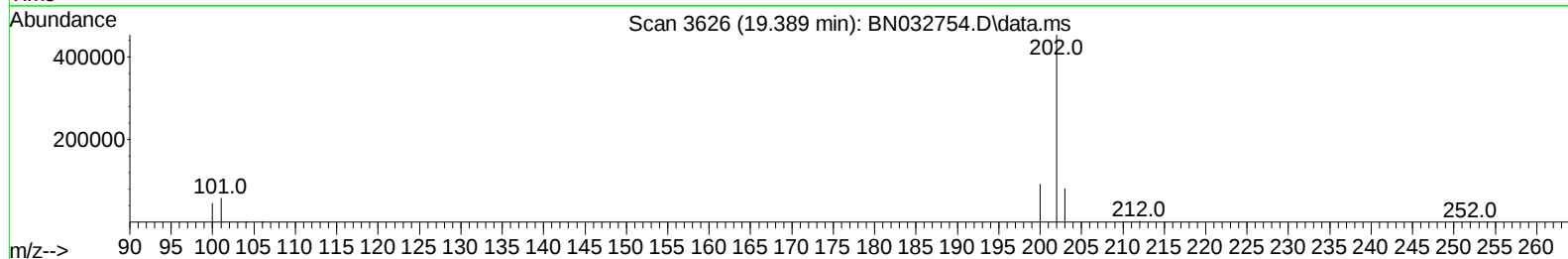
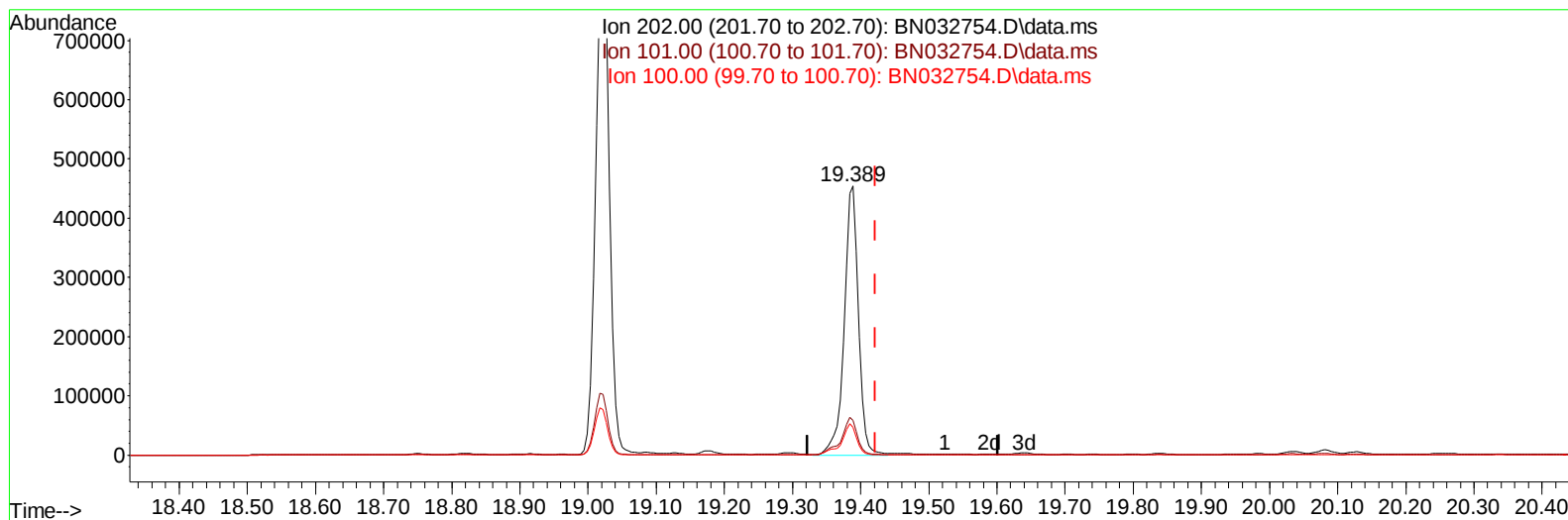
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032754.D\data.ms

(20) Pyrene

19.389min (-0.033) 12.21 ng/ul m

response 657518

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	12.92
100.00	12.00	10.24
0.00	0.00	0.00

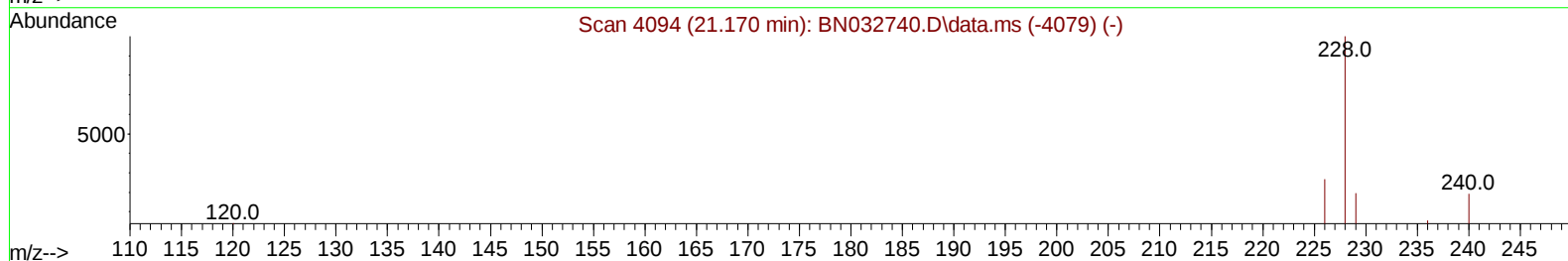
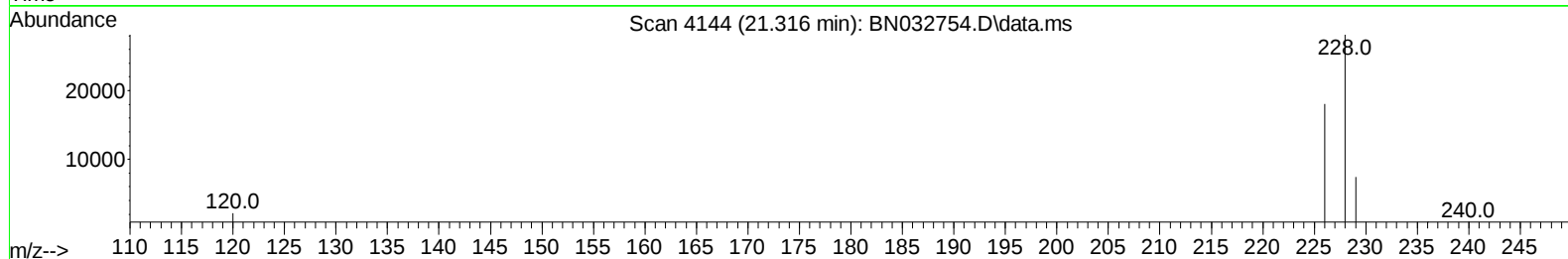
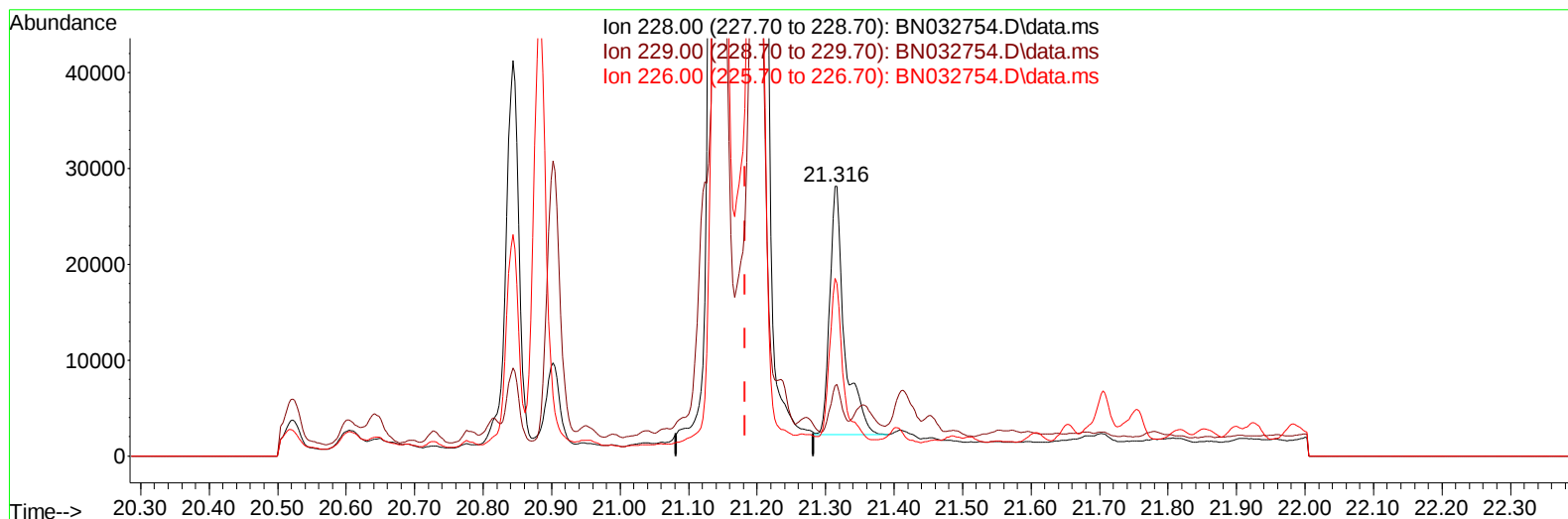
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(21) Benzo(a)anthracene

21.316min (+ 0.134) 0.96 ng/u1

response 38949

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.47#
226.00	27.40	64.09#
0.00	0.00	0.00

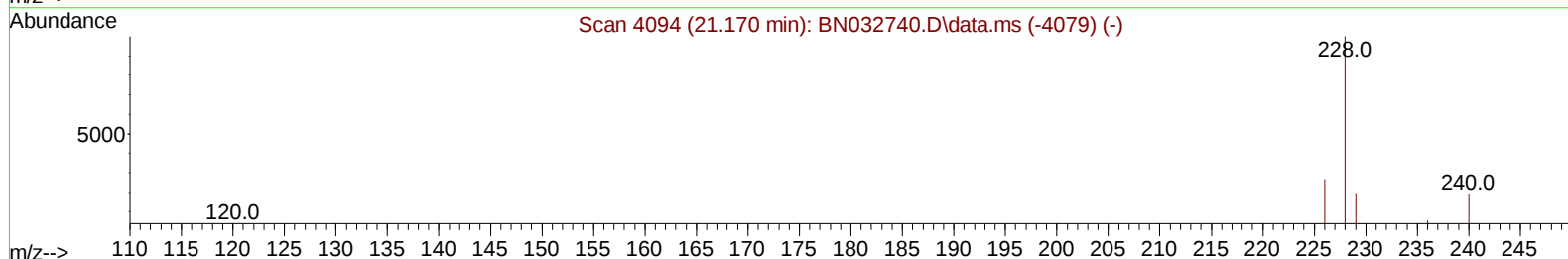
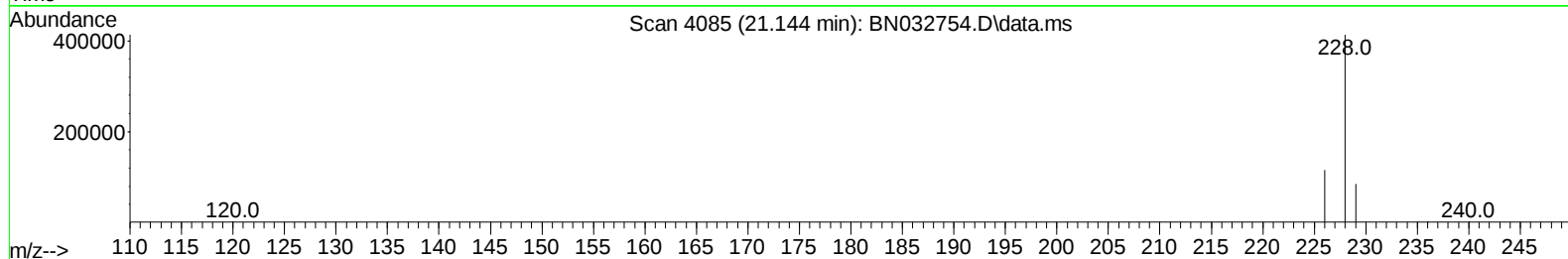
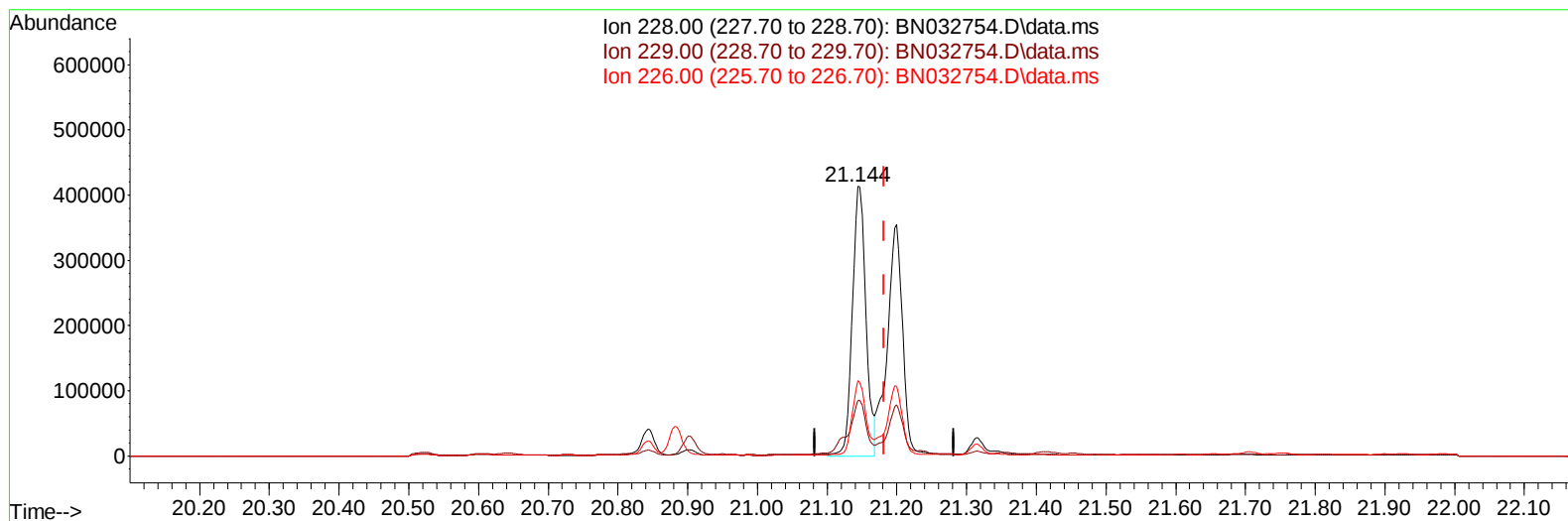
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(21) Benzo(a)anthracene

21.144min (-0.038) 13.61 ng/ul m

response 554521

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.62
226.00	27.40	27.86
0.00	0.00	0.00

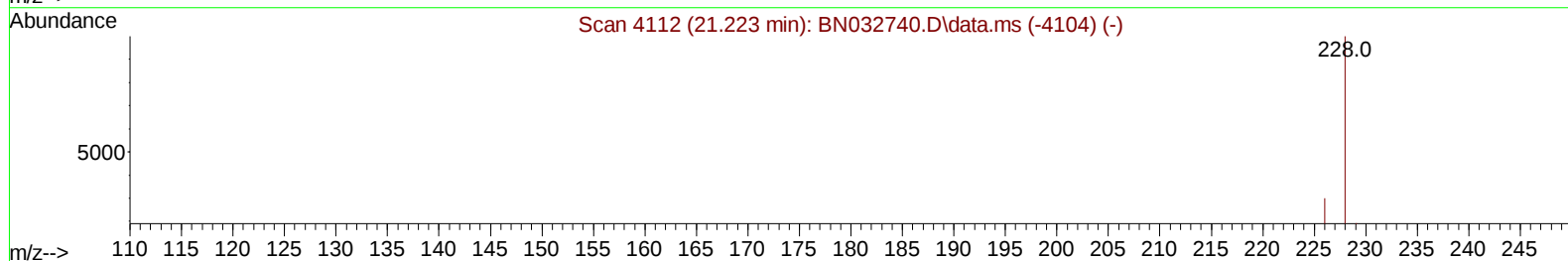
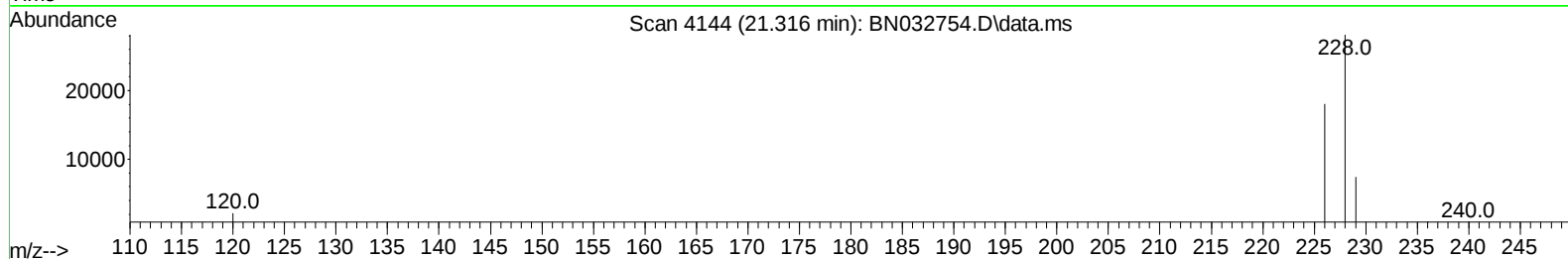
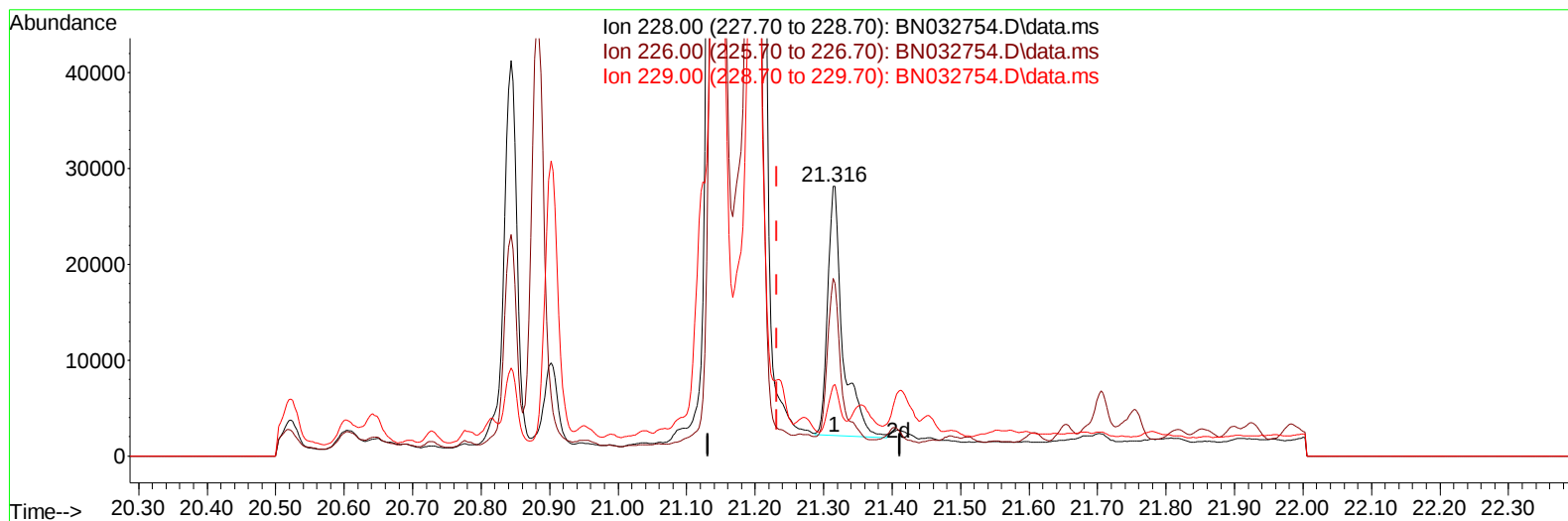
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(22) Chrysene

21.316min (+ 0.085) 0.68 ng/u1

response 39942

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.09#
229.00	19.70	26.47#
0.00	0.00	0.00

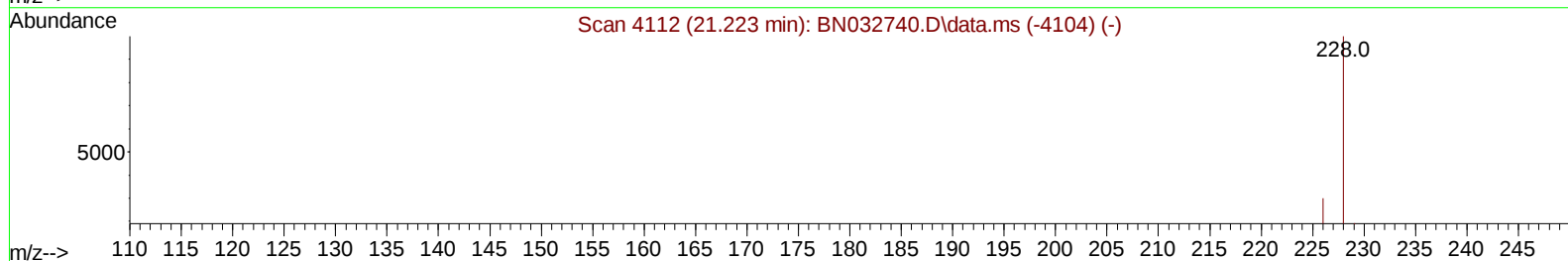
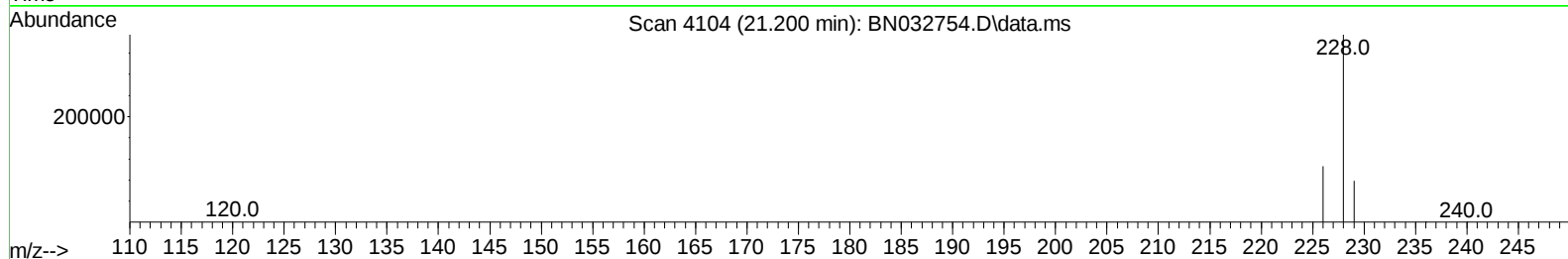
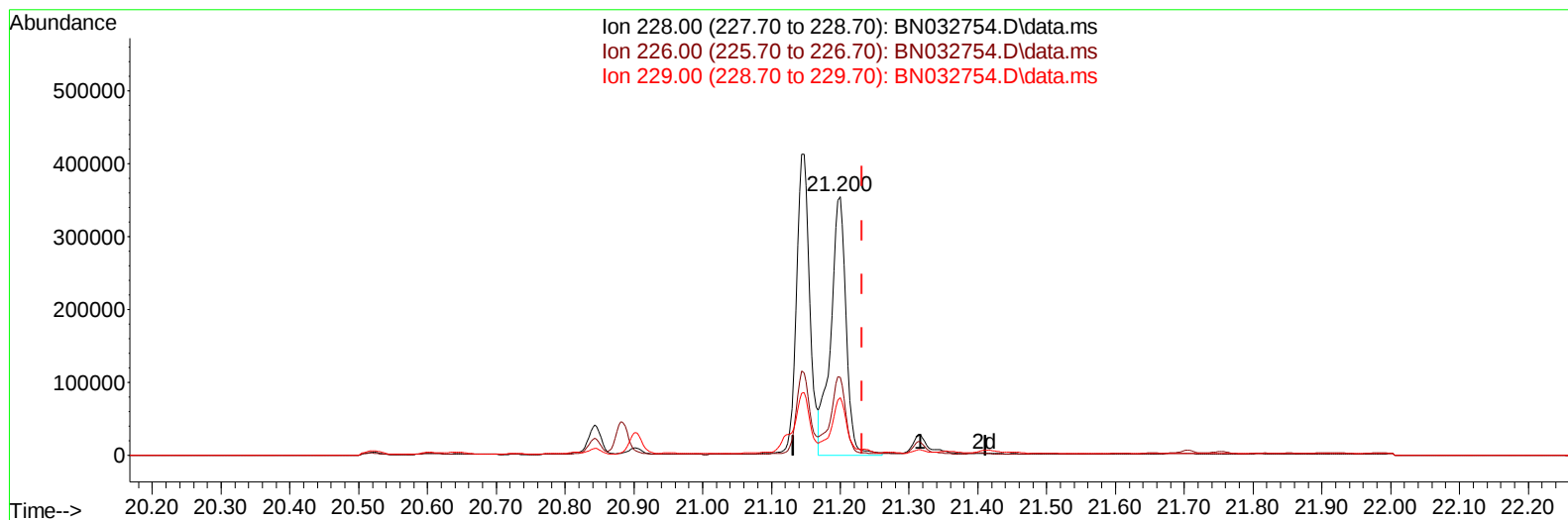
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(22) Chrysene

21.200min (-0.032) 9.38 ng/u1 m

response 552462

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.13
229.00	19.70	22.18
0.00	0.00	0.00

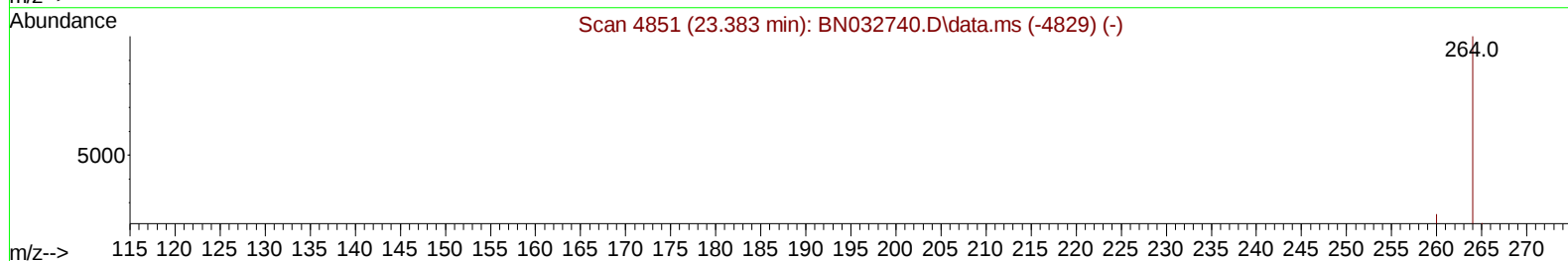
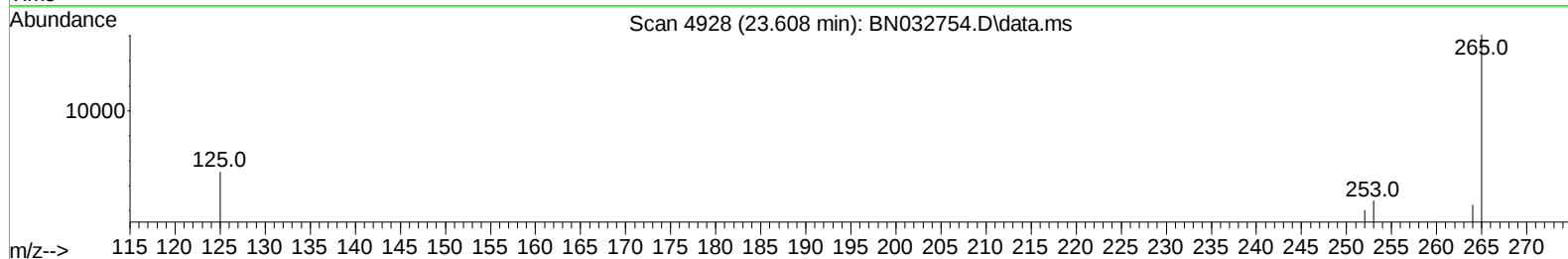
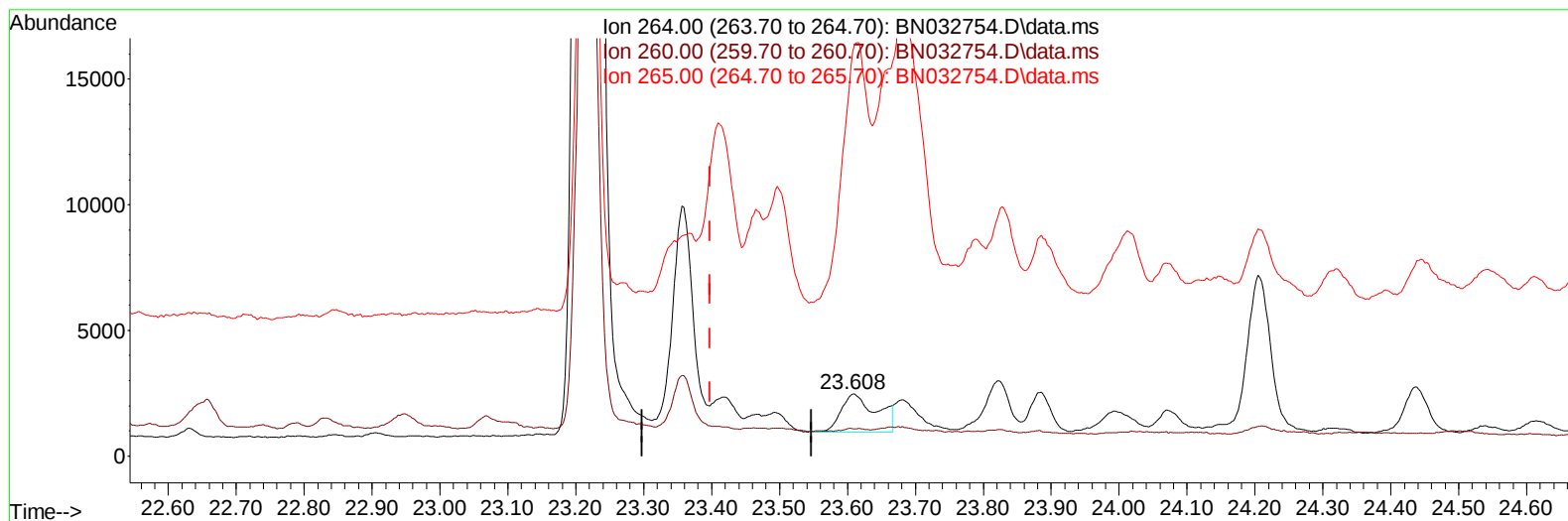
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(23) Perylene-d12 (I)

23.608min (+ 0.210) 0.40 ng/u1

response 5572

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	43.97#
265.00	95.50	651.78#
0.00	0.00	0.00

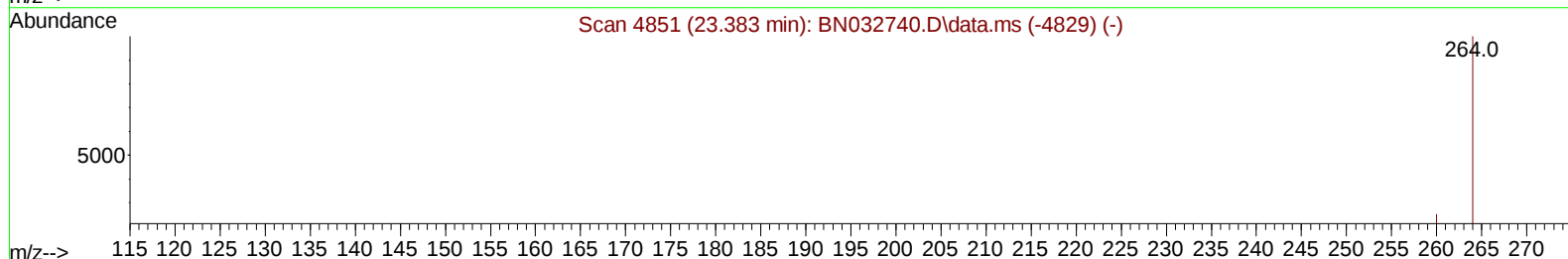
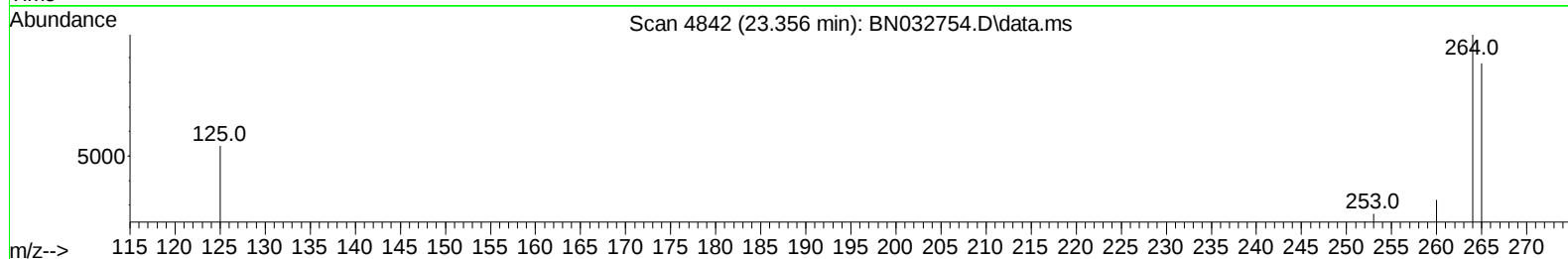
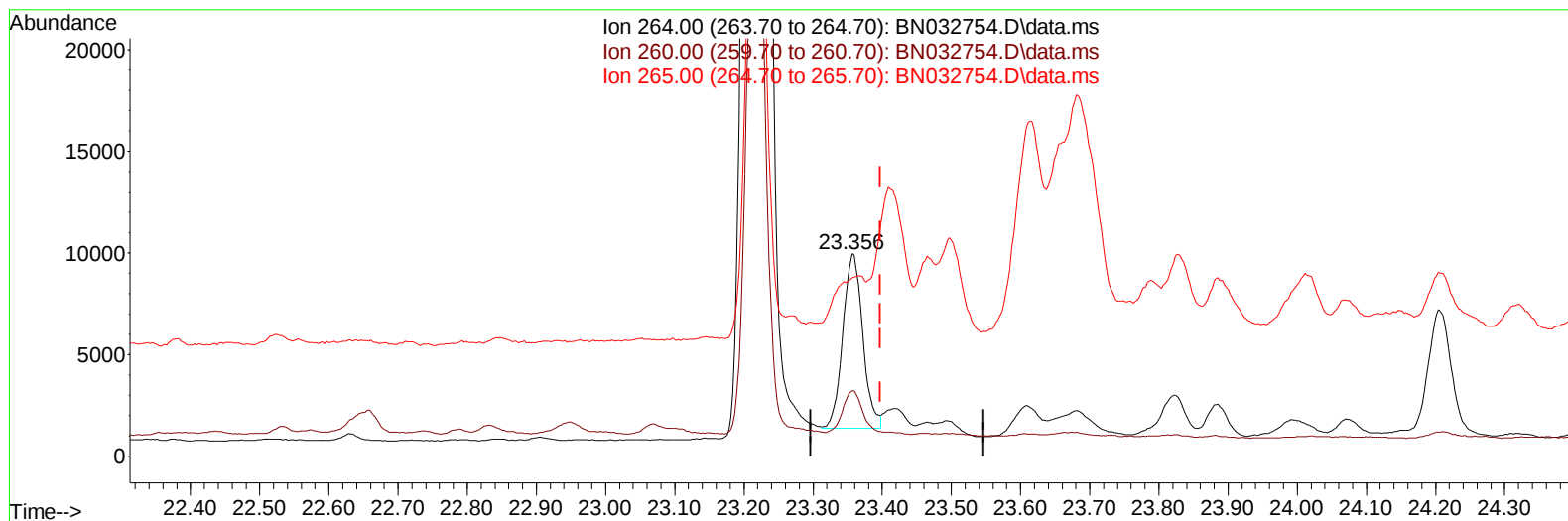
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Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(23) Perylene-d12 (I)

23.356min (-0.041) 0.40 ng/ul m

response 17293

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.24#
265.00	95.50	88.20
0.00	0.00	0.00

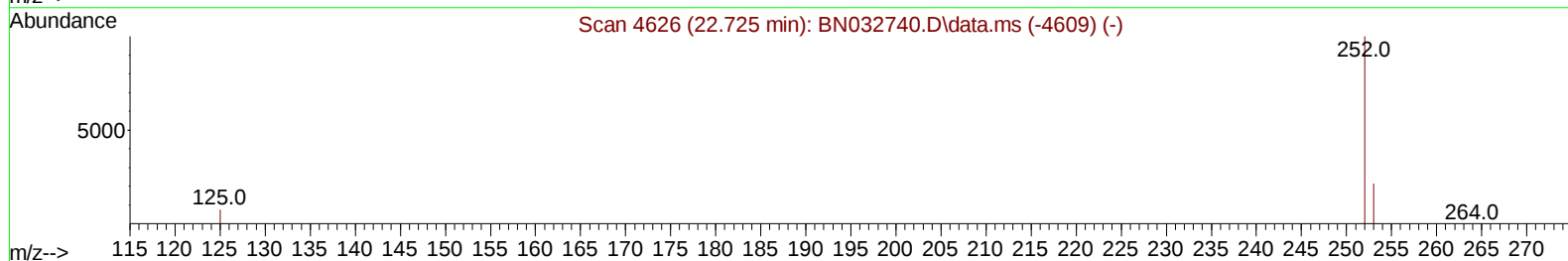
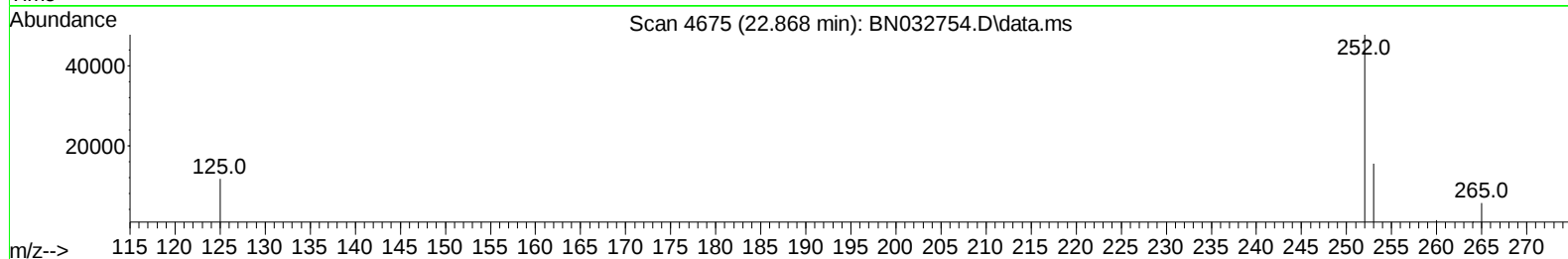
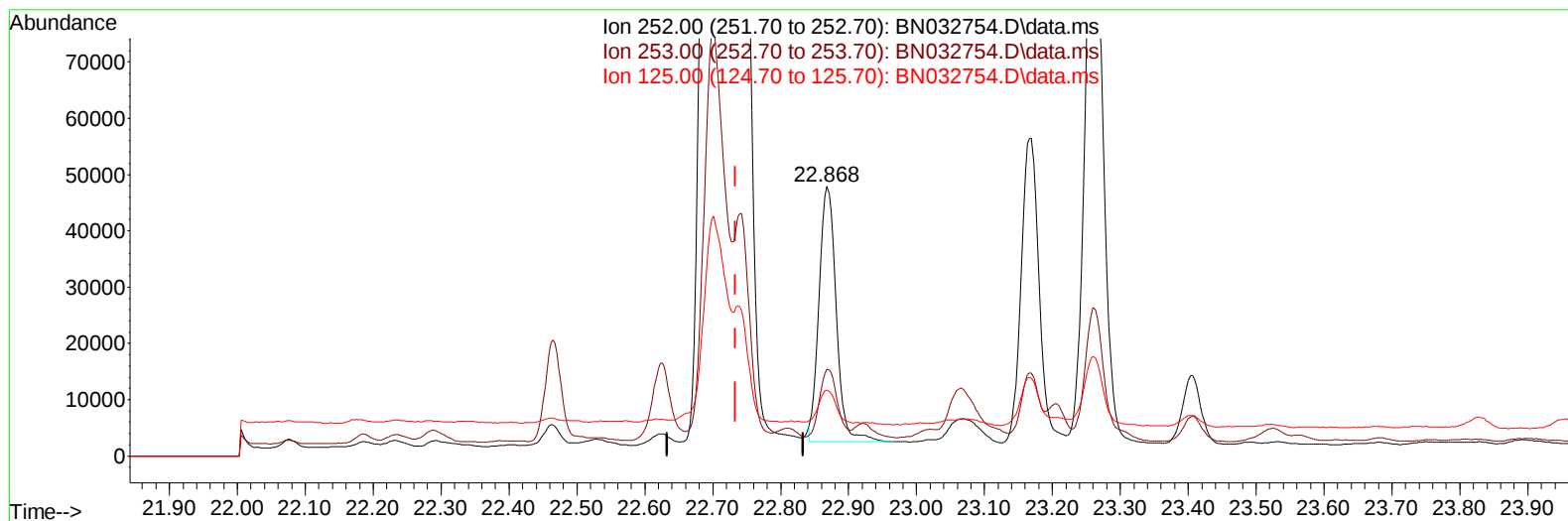
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(24) Benzo(b)fluoranthene

22.868min (+ 0.134) 1.32 ng/u1

response 80379

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.23
125.00	18.00	24.36
0.00	0.00	0.00

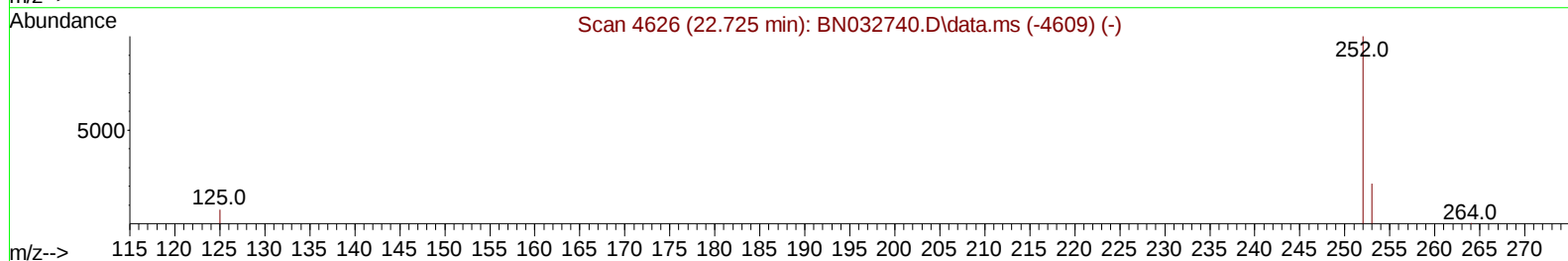
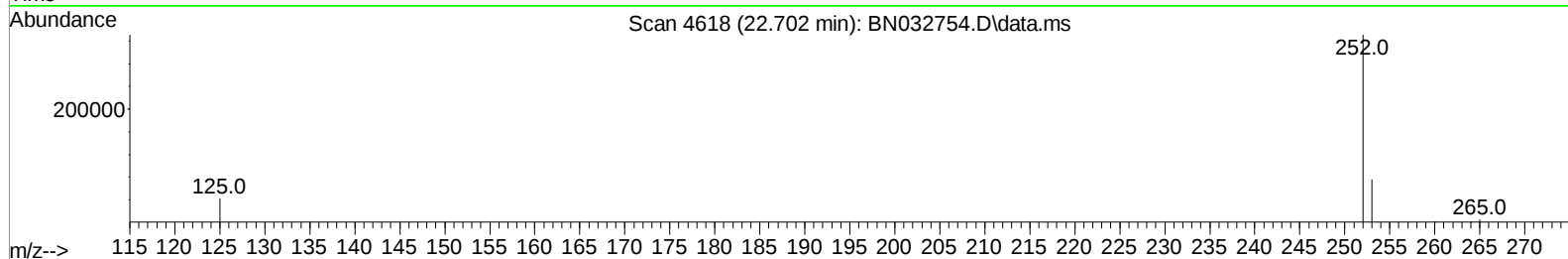
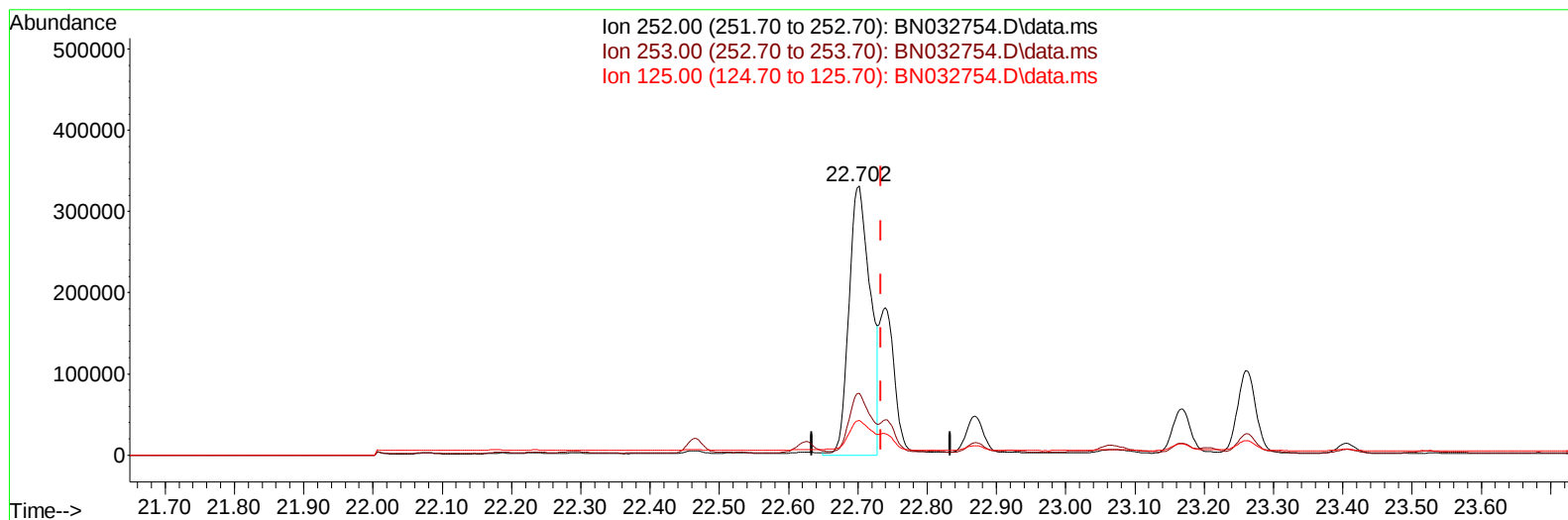
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(24) Benzo(b)fluoranthene

22.702min (-0.032) 11.69 ng/u1 m

response 712994

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.90
125.00	18.00	12.87
0.00	0.00	0.00

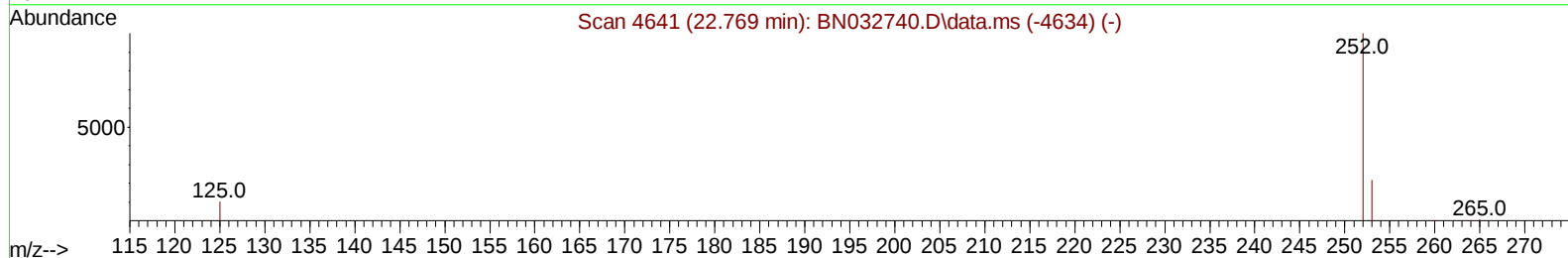
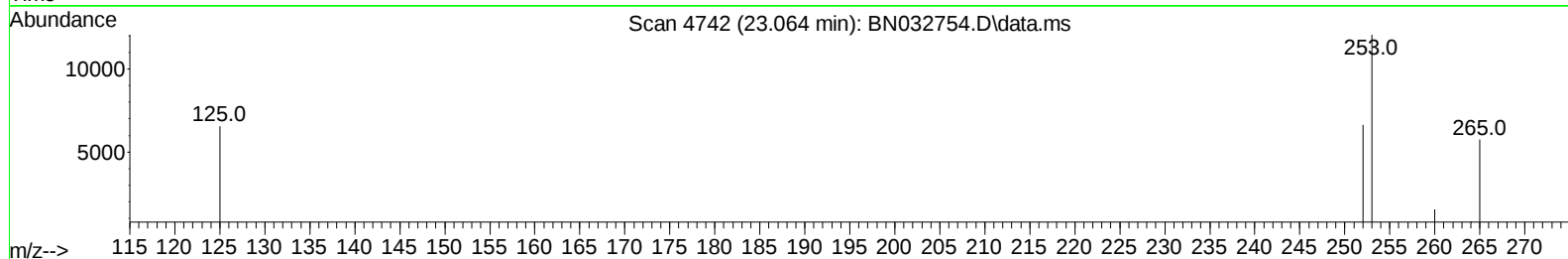
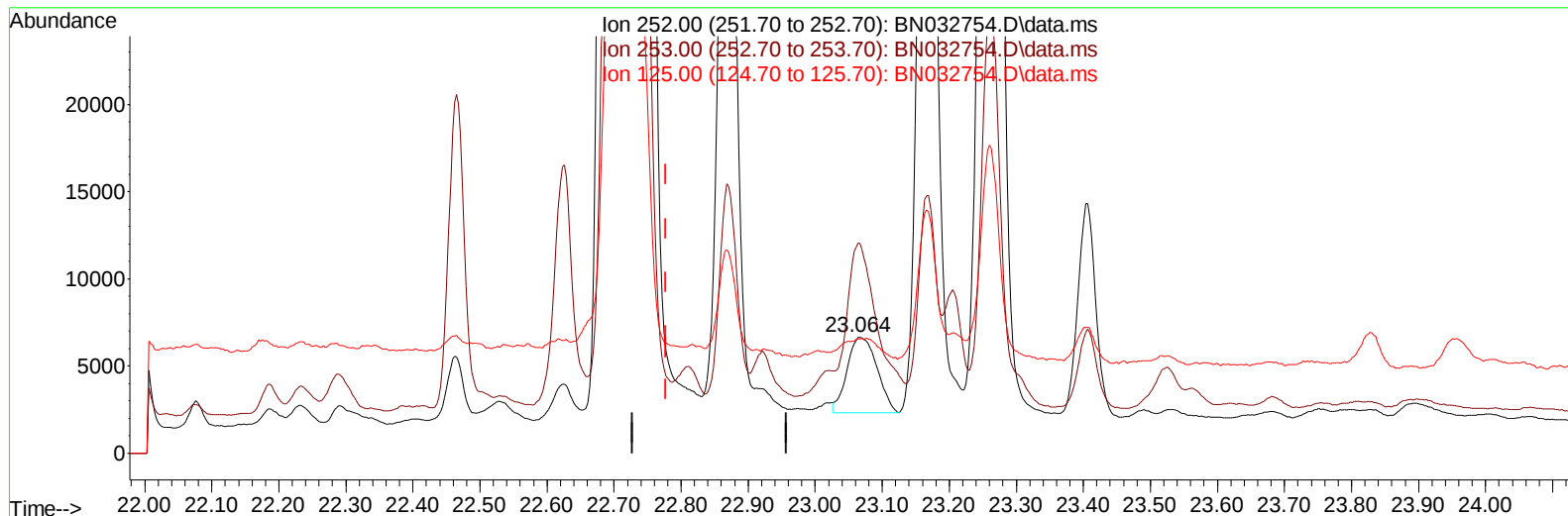
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(25) Benzo(k)fluoranthene

23.064min (+ 0.286) 0.18 ng/u1

response 13376

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	181.54#
125.00	18.50	98.68#
0.00	0.00	0.00

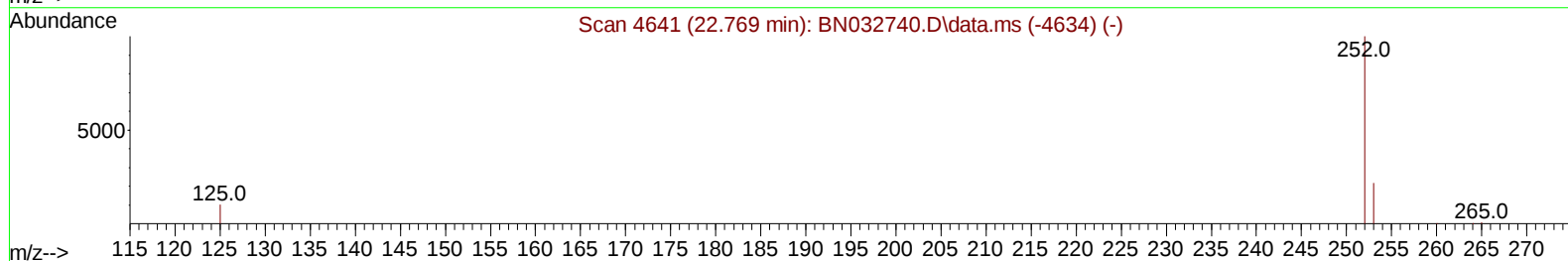
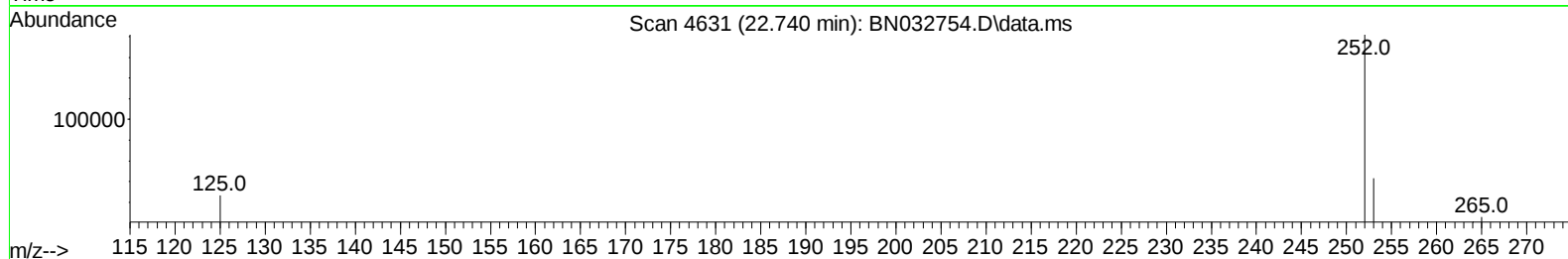
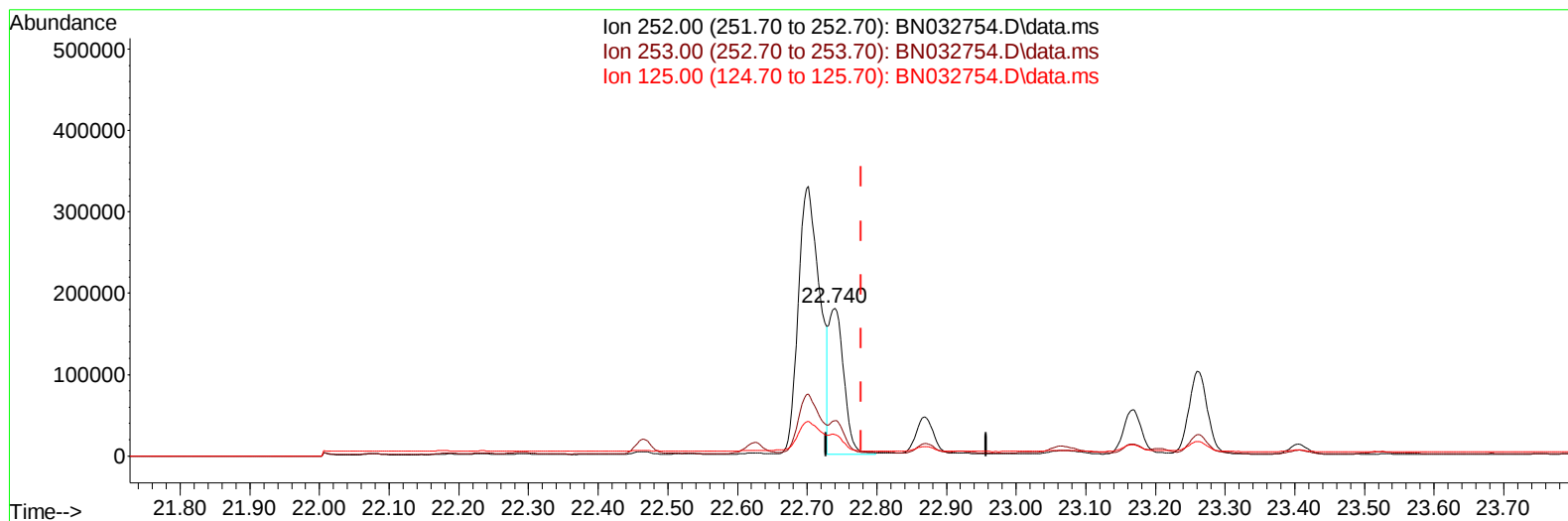
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(25) Benzo(k)fluoranthene

22.740min (-0.038) 3.65 ng/u1 m

response 271496

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.68
125.00	18.50	14.58#
0.00	0.00	0.00

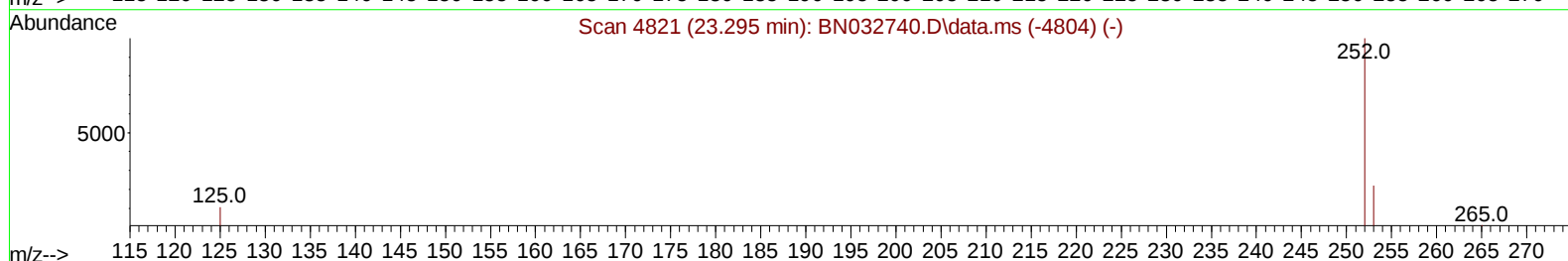
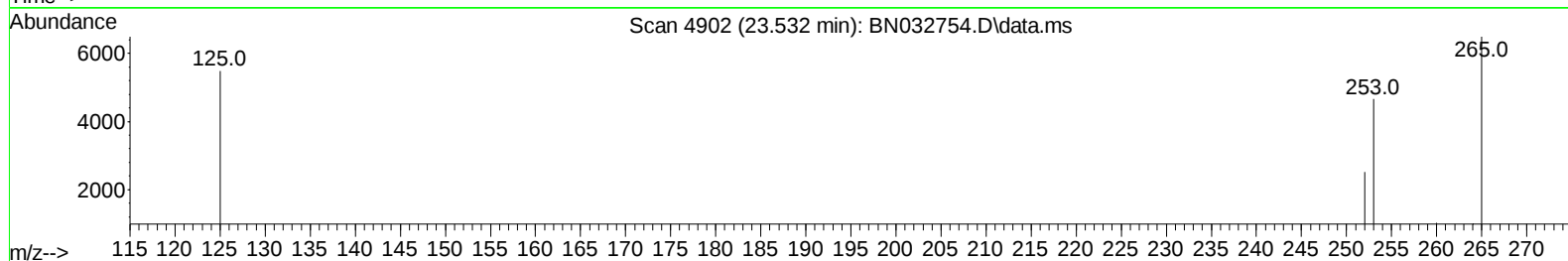
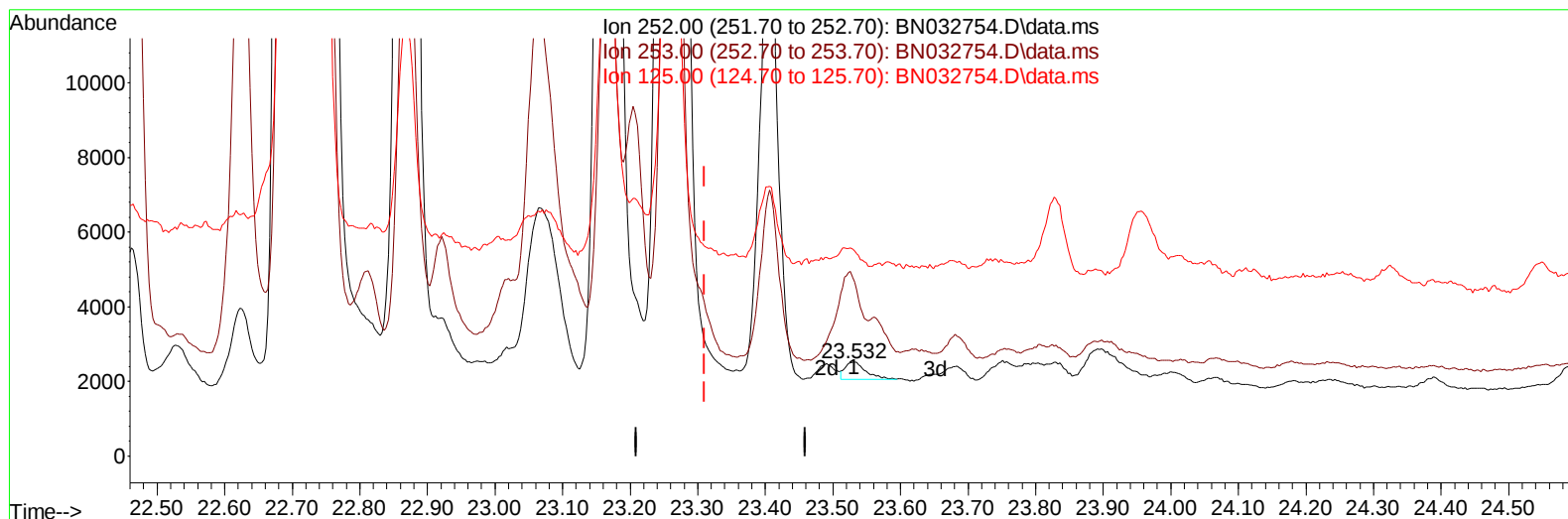
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(26) Benzo(a)pyrene (C)

23.532min (+ 0.222) 0.02 ng/u1

response 979

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	185.42#
125.00	25.70	218.52#
0.00	0.00	0.00

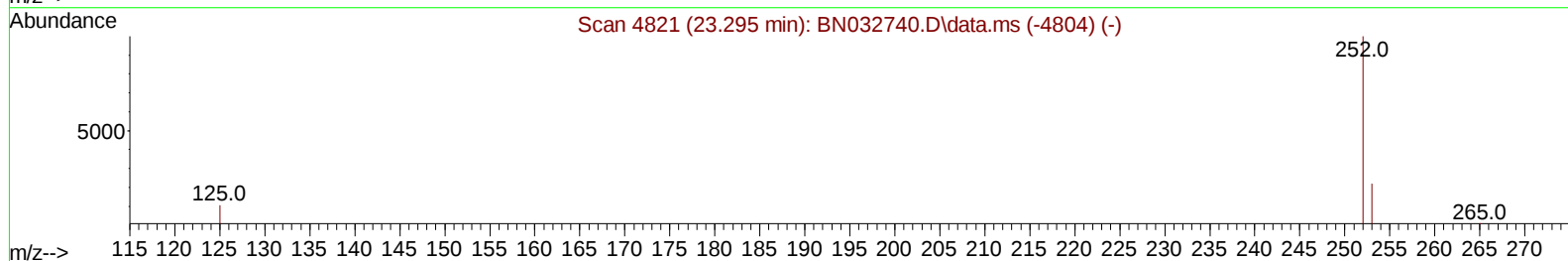
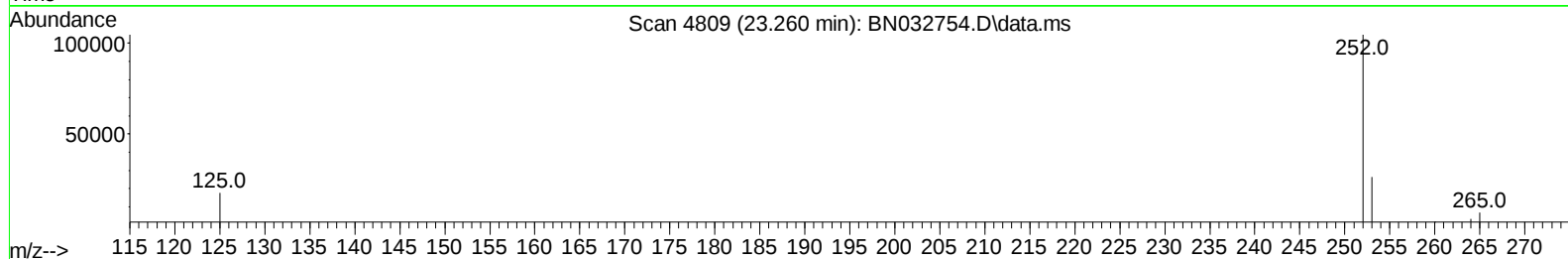
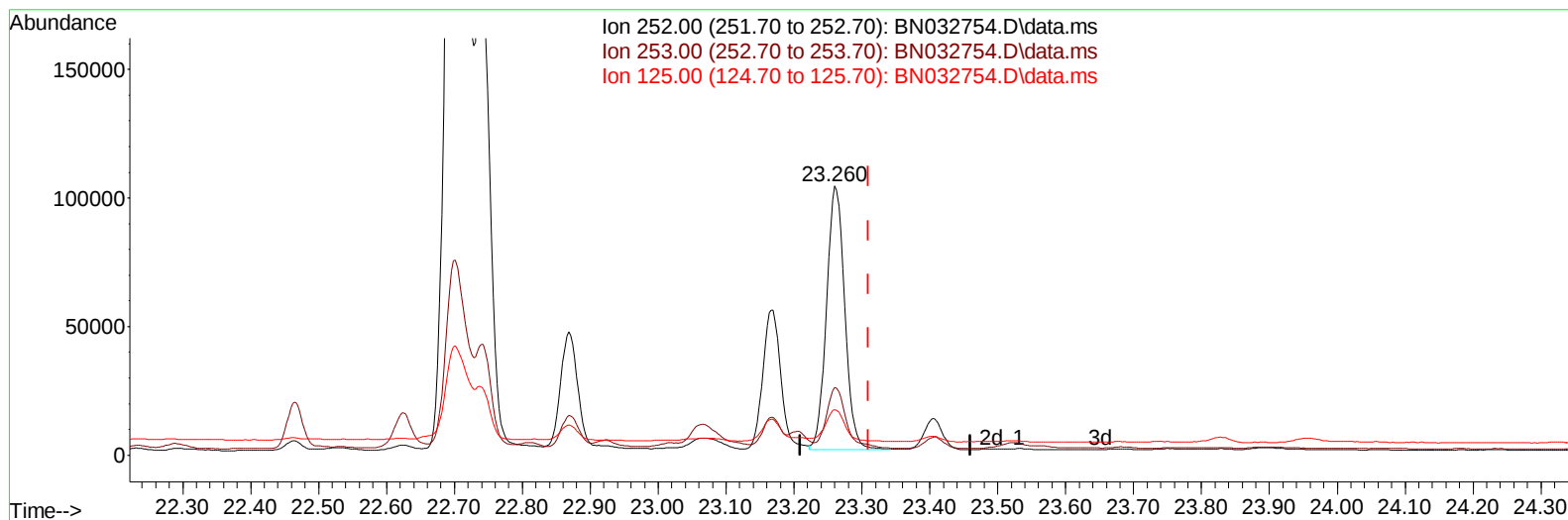
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

(26) Benzo(a)pyrene (C)

23.260min (-0.050) 3.62 ng/u1 m

response 191138

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.20#
125.00	25.70	16.89#
0.00	0.00	0.00

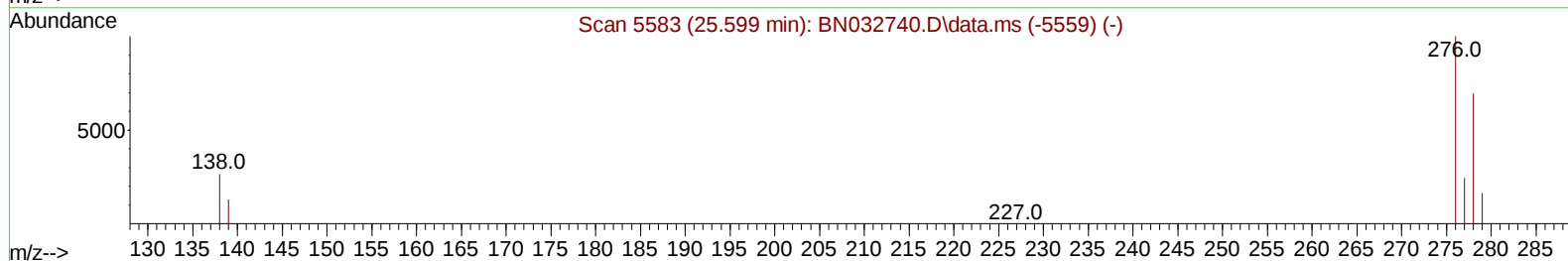
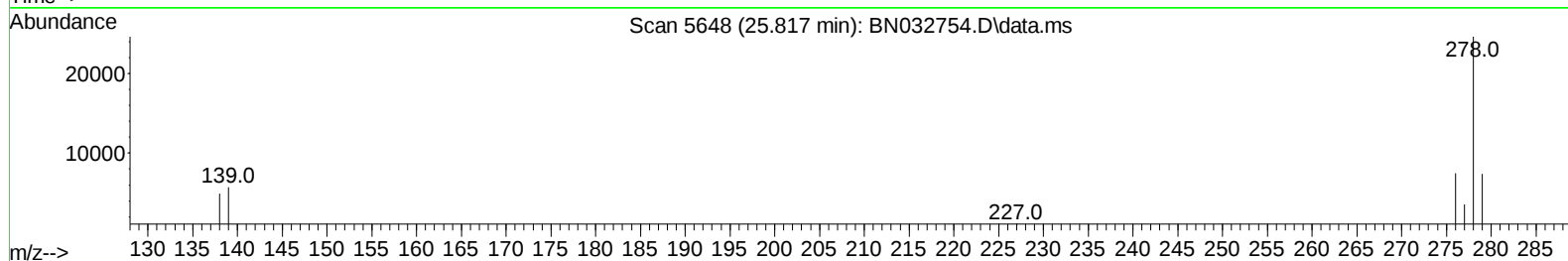
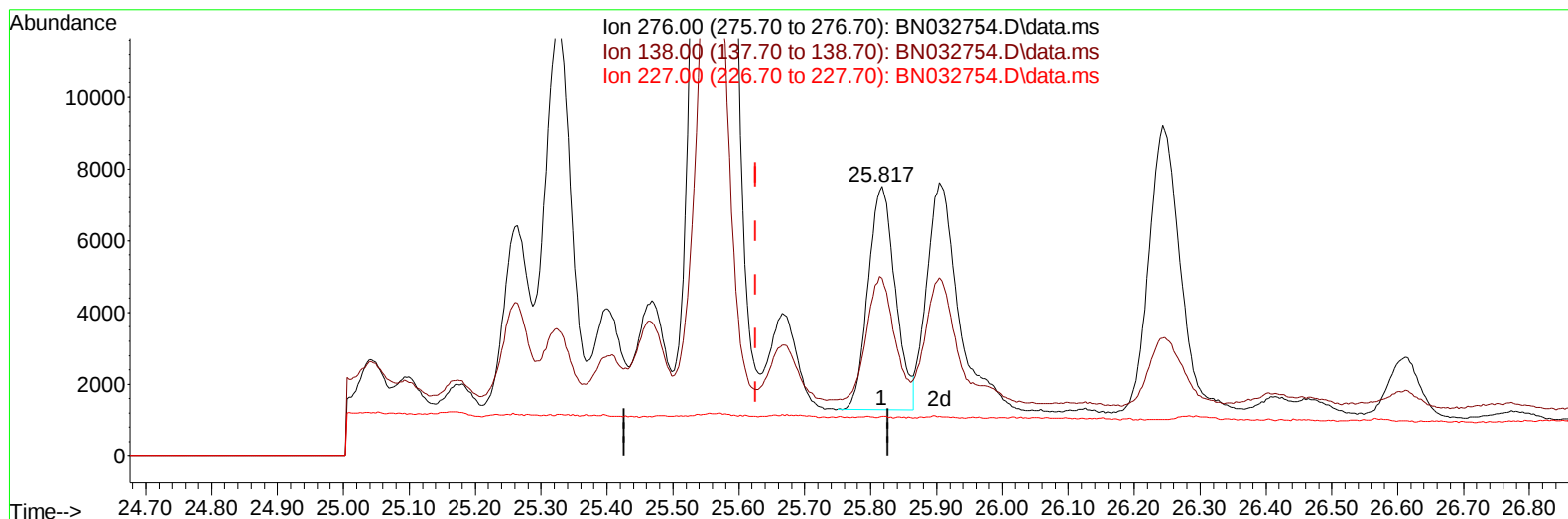
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

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

25.817min (+ 0.191) 0.25 ng/u1

response 17784

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	55.76#
227.00	0.00	0.23#
0.00	0.00	0.00

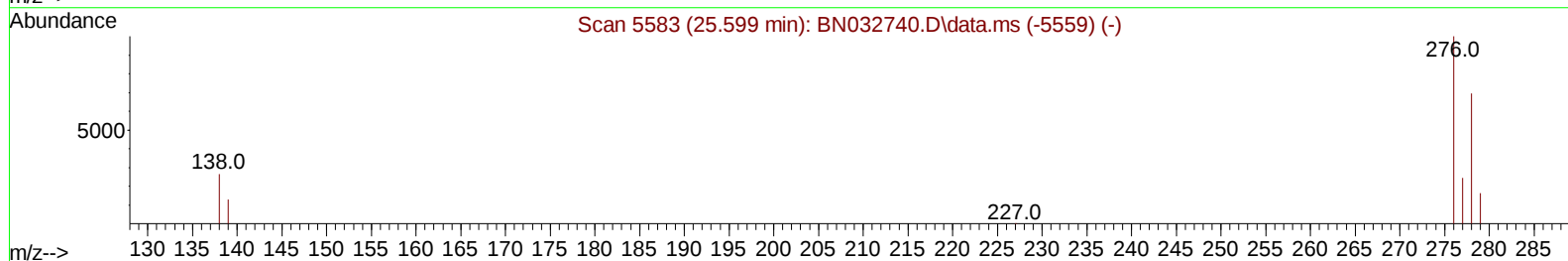
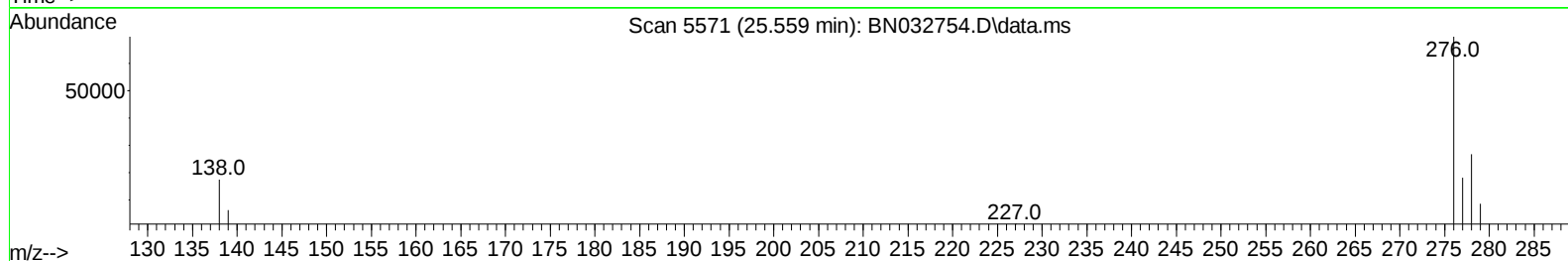
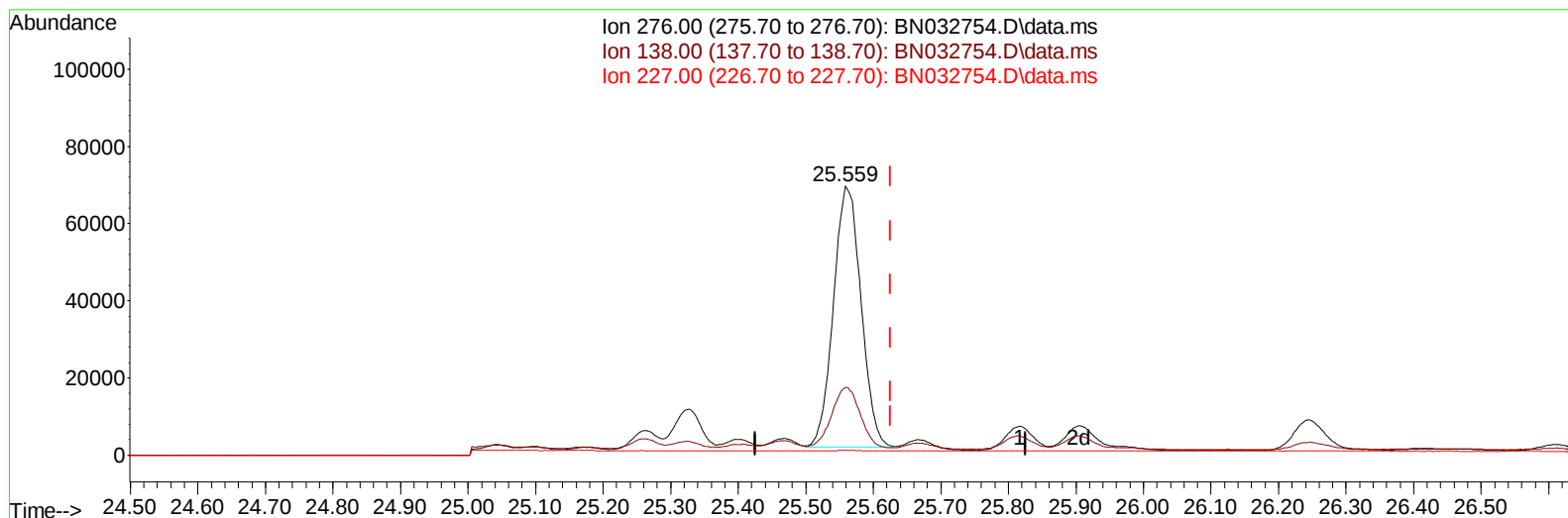
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 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: BN032754.D\data.ms

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

25.559min (-0.067) 2.68 ng/u1 m

response 191451

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	5.18#
227.00	0.00	0.02#
0.00	0.00	0.00

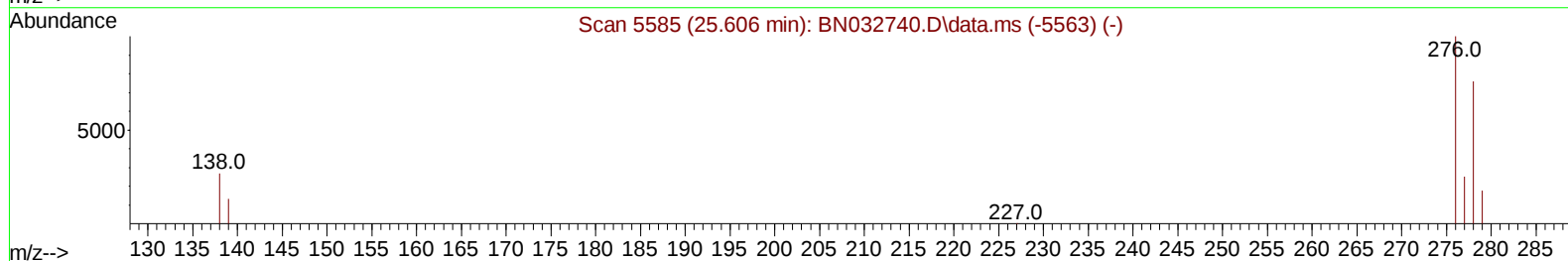
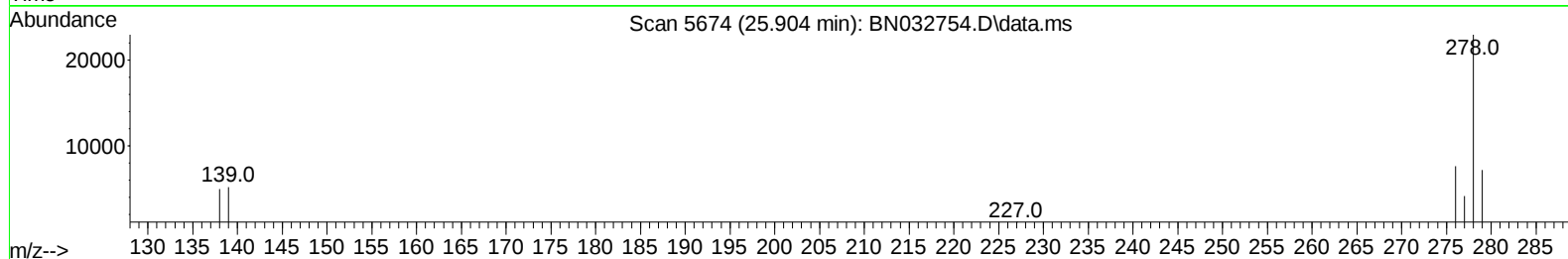
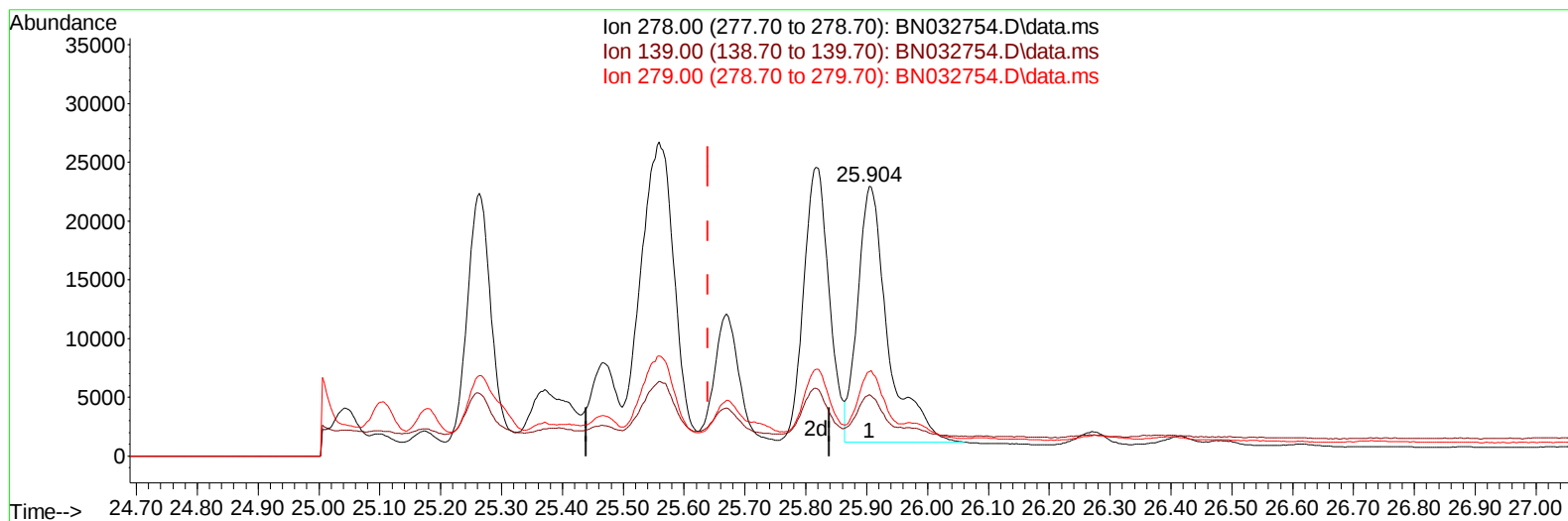
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

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TIC: BN032754.D\data.ms

(28) Dibenzo(a,h)anthracene**25.904min (+ 0.265) 1.36 ng/u1****response 75431**

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.73
279.00	29.60	31.24
0.00	0.00	0.00

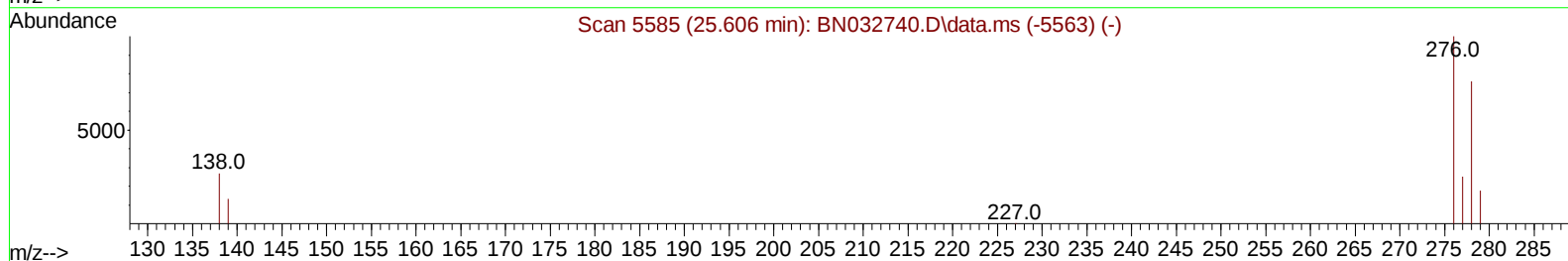
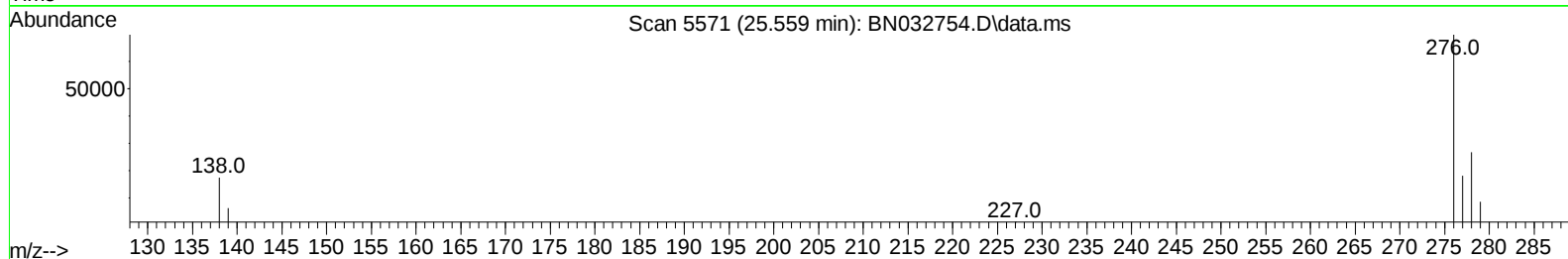
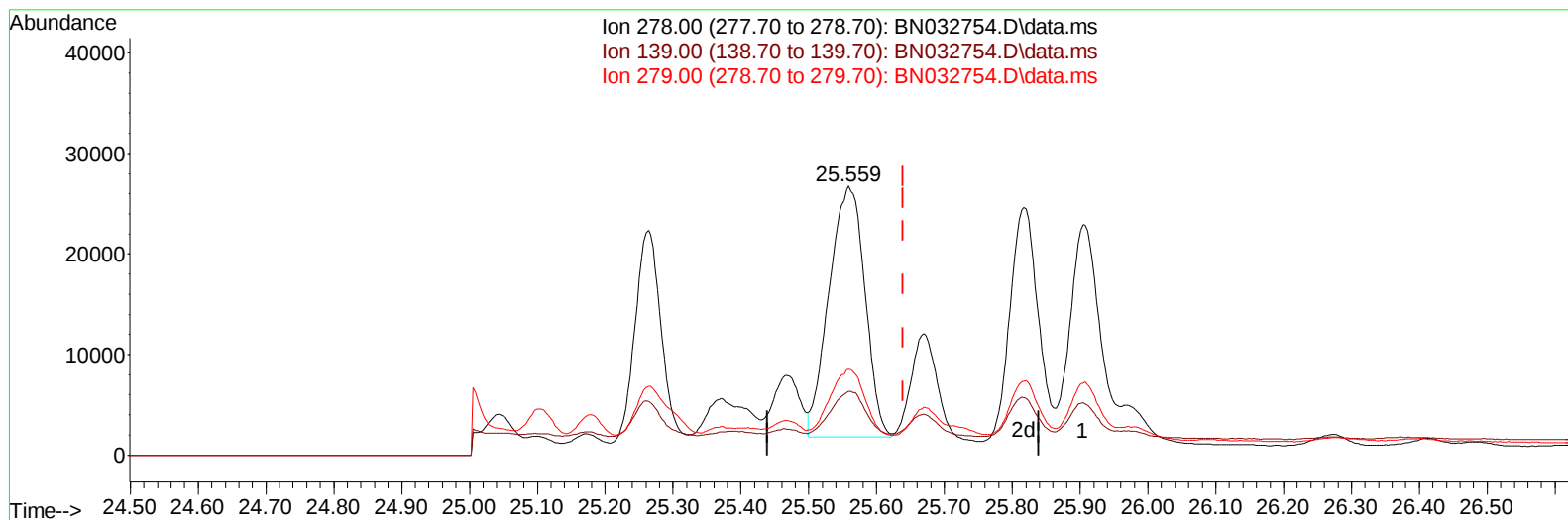
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:55:57 2024
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TIC: BN032754.D\data.ms

(28) Dibenzo(a,h)anthracene

25.559min (-0.081) 1.65 ng/ul m

response 91252

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.80
279.00	29.60	31.86
0.00	0.00	0.00

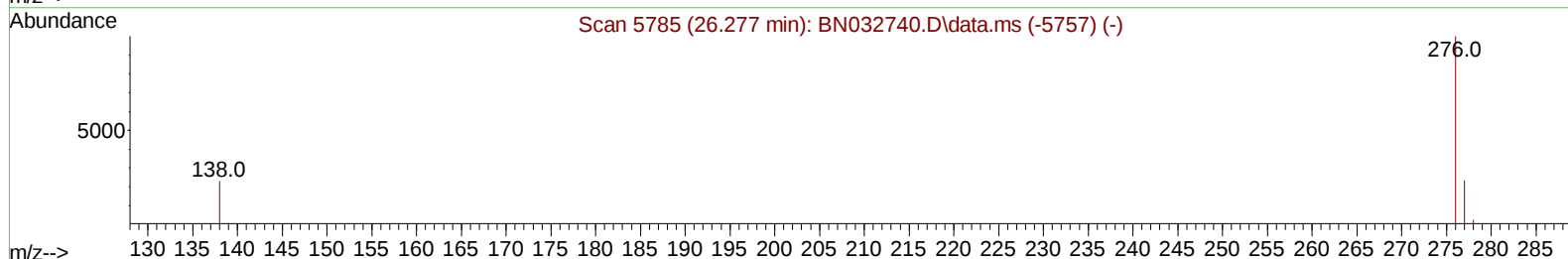
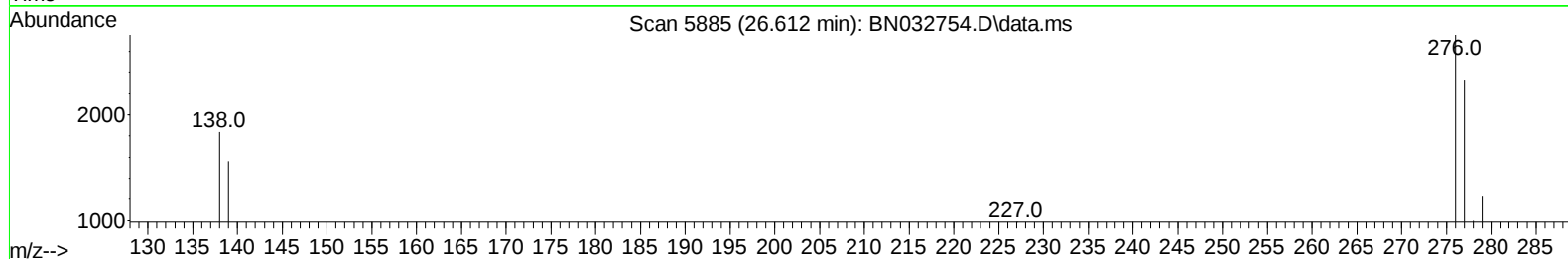
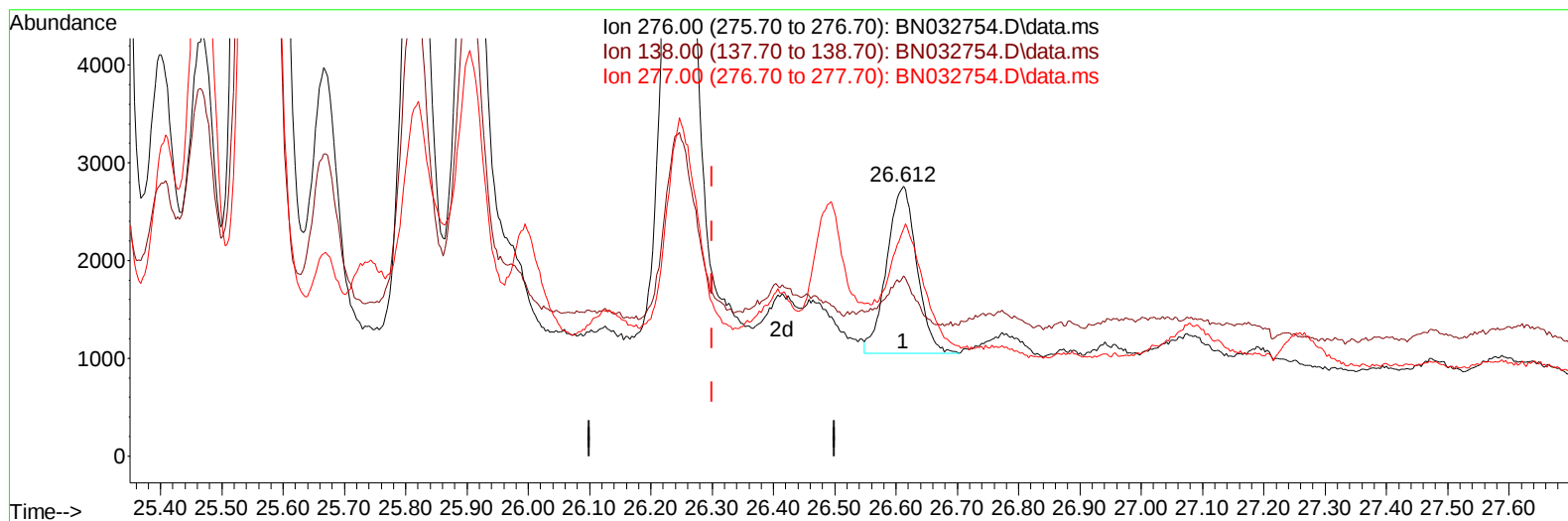
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032754.D\data.ms

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

26.612min (+ 0.312) 0.10 ng/u1

response 5808

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	66.75#
277.00	25.80	84.41#
0.00	0.00	0.00

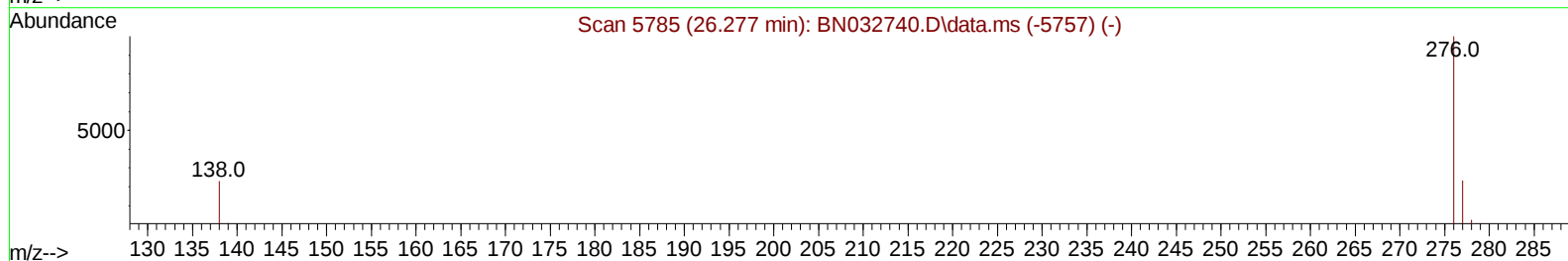
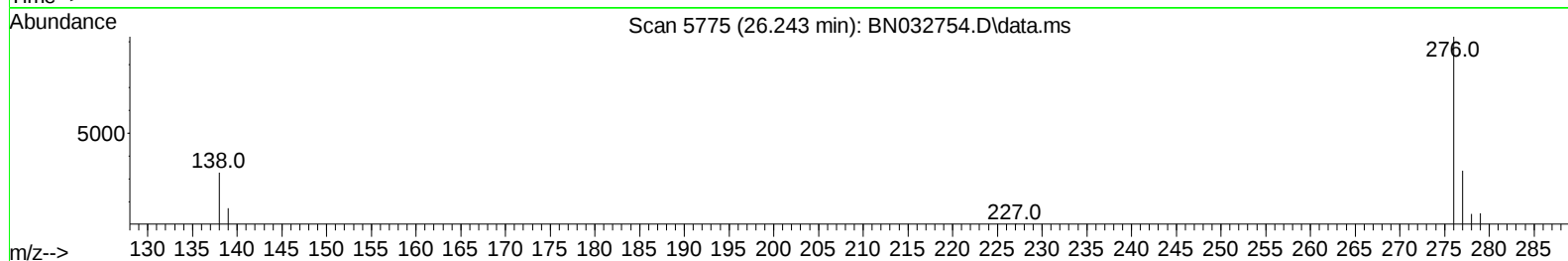
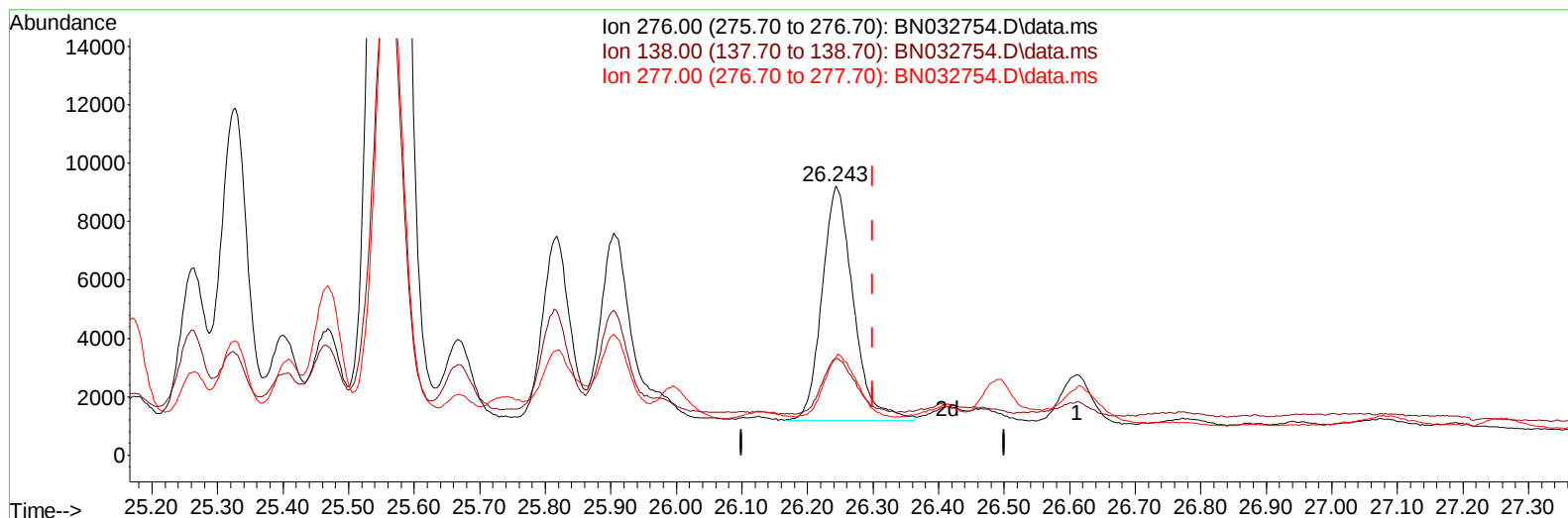
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY1

Manual IntegrationsAPPROVED

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TIC: BN032754.D\data.ms

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

26.243min (-0.057) 0.45 ng/u1 m

response 26770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	35.65#
277.00	25.80	36.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032754.D
 Acq On : 16 Jul 2024 23:07
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1

Manual IntegrationsAPPROVED

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

Quant Time: Jul 16 23:55:57 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5186	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	13036	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8007	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.948	188	15612m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.165	240	12797m	0.400	ng/ul	-0.03
23) Perylene-d12	23.356	264	17293m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12147	1.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2896	0.147	ng/ul	-0.06
18) Fluoranthene-d10	18.989	212	5983m	0.143	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	12509	0.357	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	5620	0.257	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4938	0.219	ng/ul	100
10) Acenaphthylene	13.911	152	15572	0.481	ng/ul	98
11) Acenaphthene	14.253	153	37027	1.384	ng/ul	99
12) Fluorene	15.252	166	49336	1.613	ng/ul	98
15) Phenanthrene	16.991	178	786183m	18.491	ng/ul	
16) Anthracene	17.083	178	174412m	5.021	ng/ul	
19) Fluoranthene	19.022	202	1196415m	22.995	ng/ul	
20) Pyrene	19.389	202	657518m	12.209	ng/ul	
21) Benzo(a)anthracene	21.144	228	554521m	13.613	ng/ul	
22) Chrysene	21.200	228	552462m	9.375	ng/ul	
24) Benzo(b)fluoranthene	22.702	252	712994m	11.685	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	271496m	3.651	ng/ul	
26) Benzo(a)pyrene	23.260	252	191138m	3.620	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.559	276	191451m	2.678	ng/ul	
28) Dibenzo(a,h)anthracene	25.559	278	91252m	1.647	ng/ul	
29) Benzo(g,h,i)perylene	26.243	276	26770m	0.448	ng/ul	

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

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