

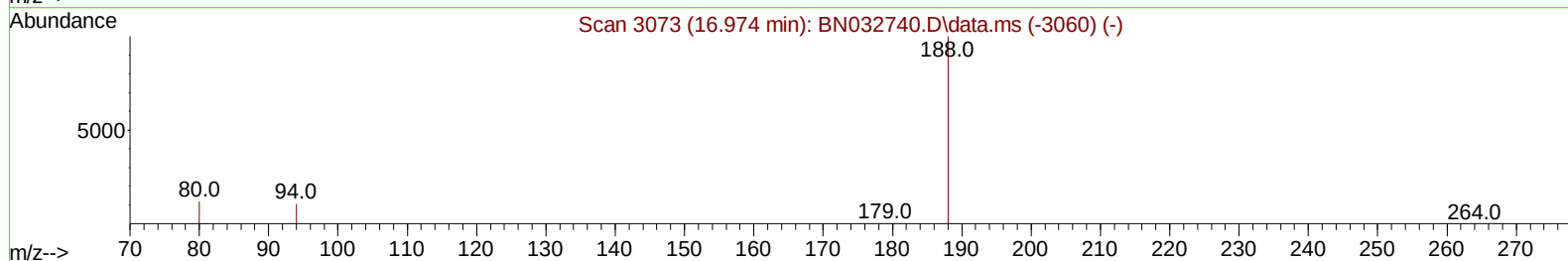
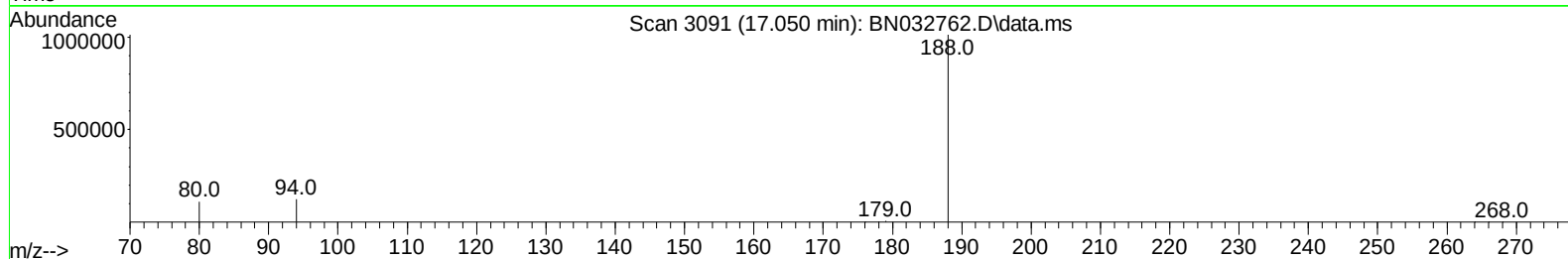
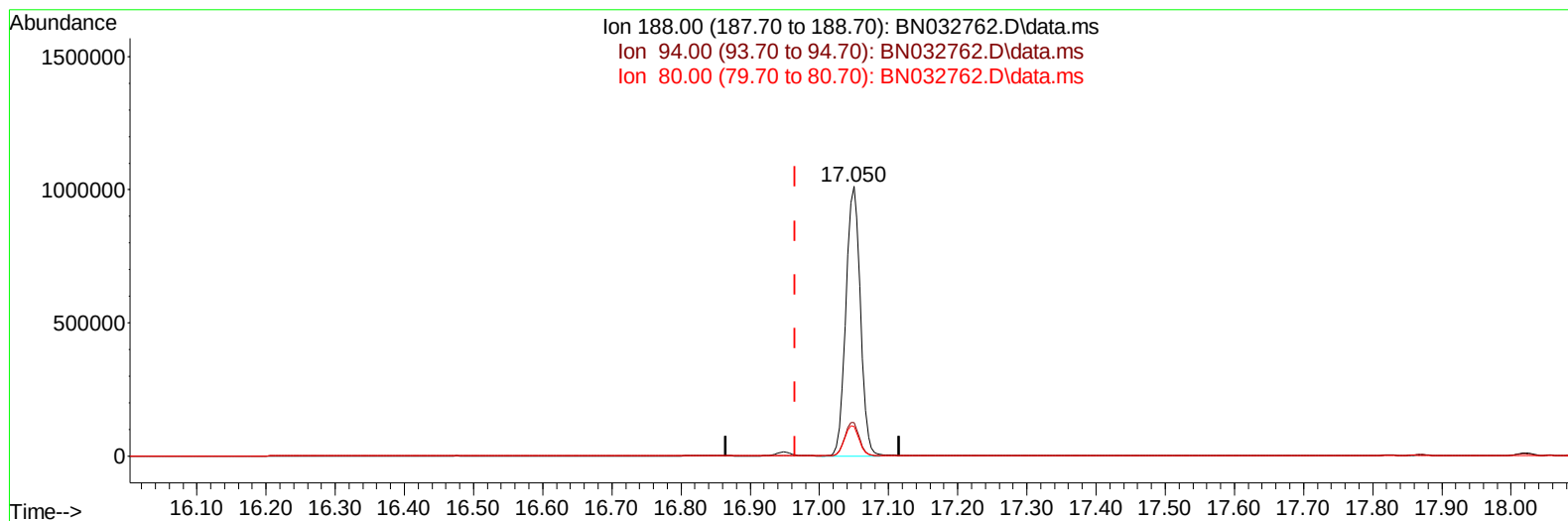
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(13) Phenanthrene-d10 (I)

17.050min (+ 0.084) 0.40 ng/u1

response 1470044

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.31
80.00	12.00	10.93
0.00	0.00	0.00

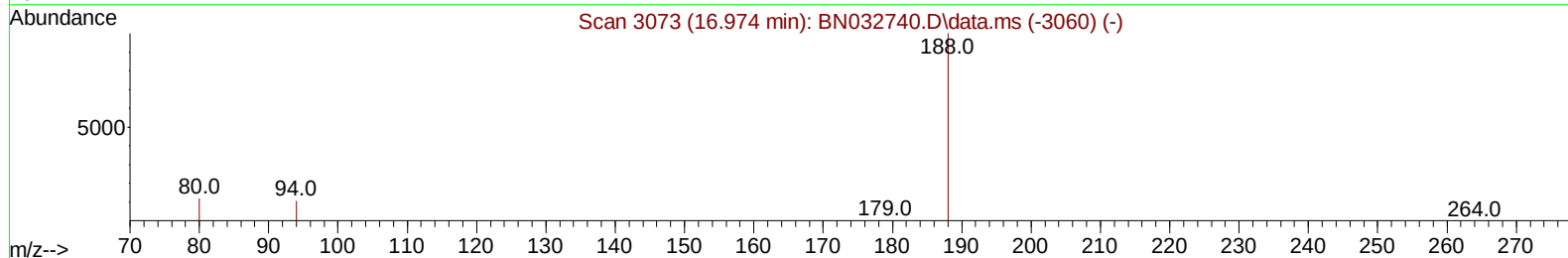
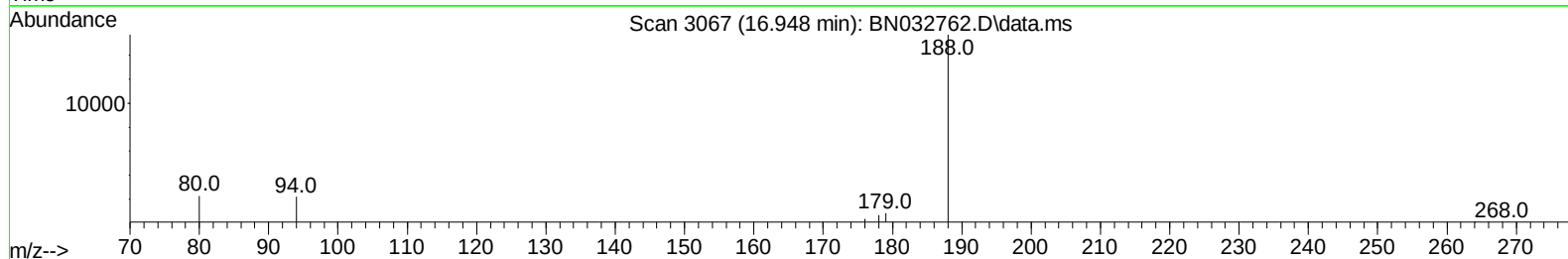
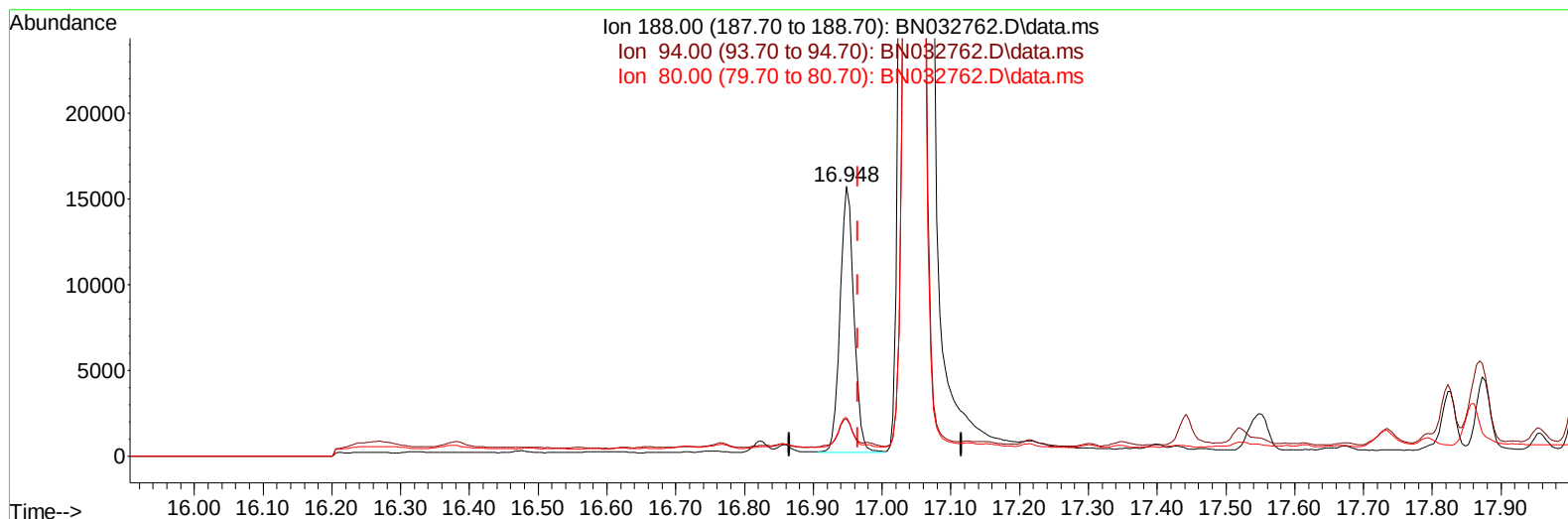
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(13) Phenanthrene-d10 (I)

16.948min (-0.017) 0.40 ng/ul m

response 21687

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.85#
80.00	12.00	14.30
0.00	0.00	0.00

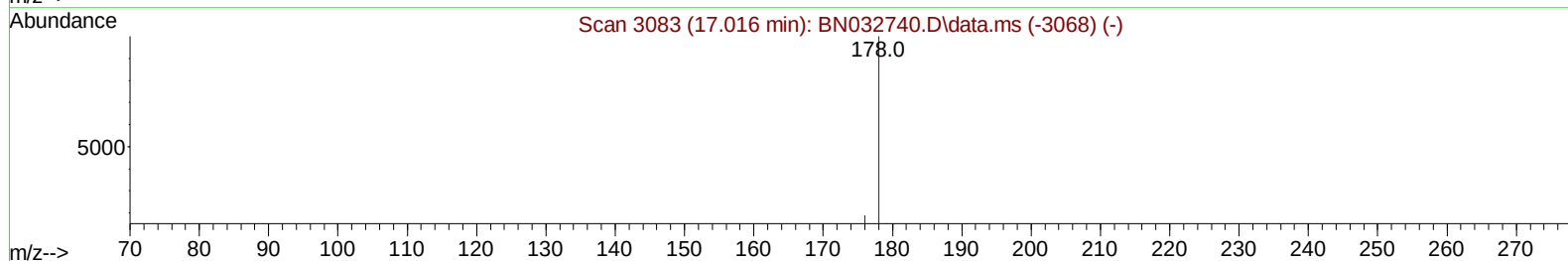
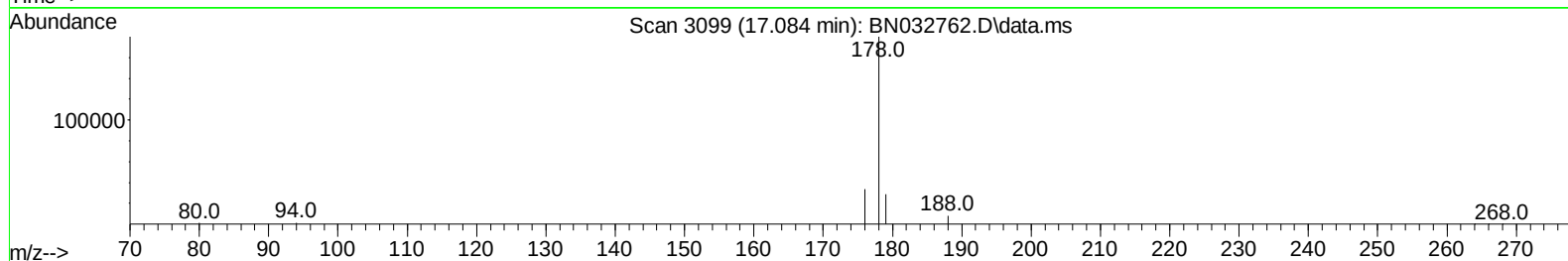
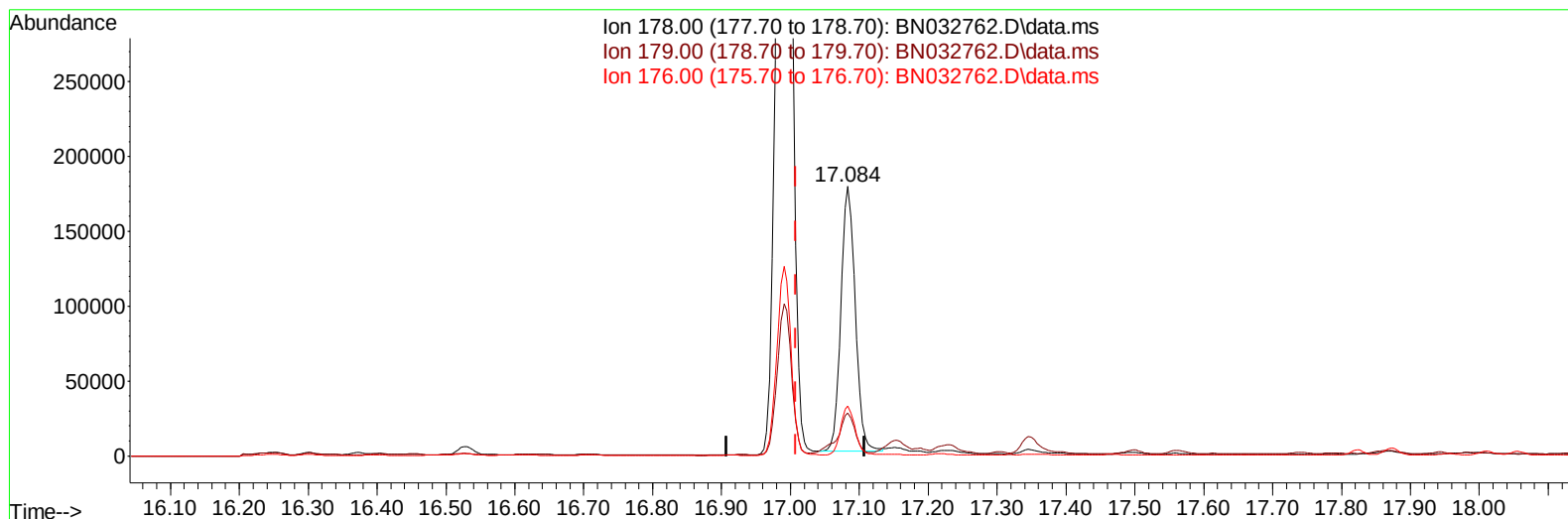
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
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TIC: BN032762.D\data.ms

(15) Phenanthrene

17.084min (+ 0.076) 4.33 ng/u1

response 255922

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.90
176.00	19.50	18.54
0.00	0.00	0.00

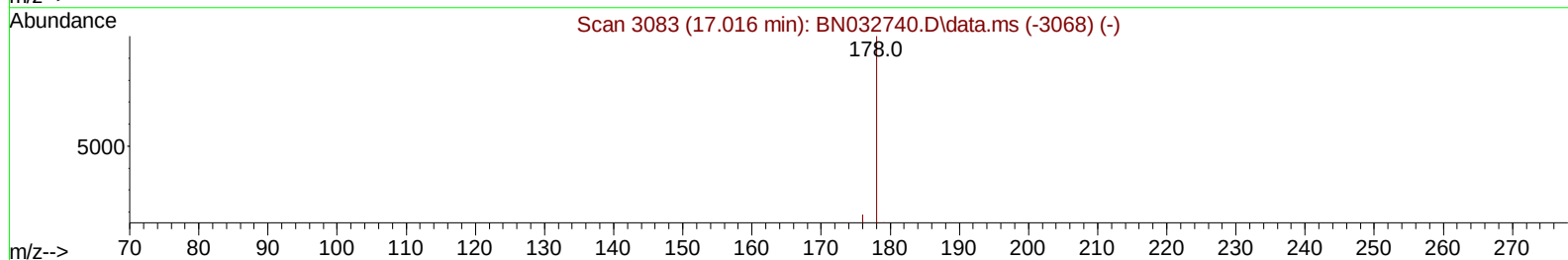
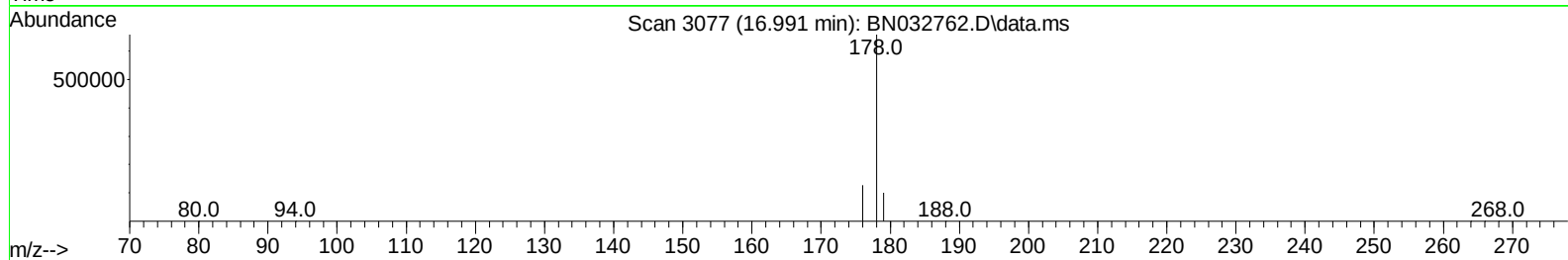
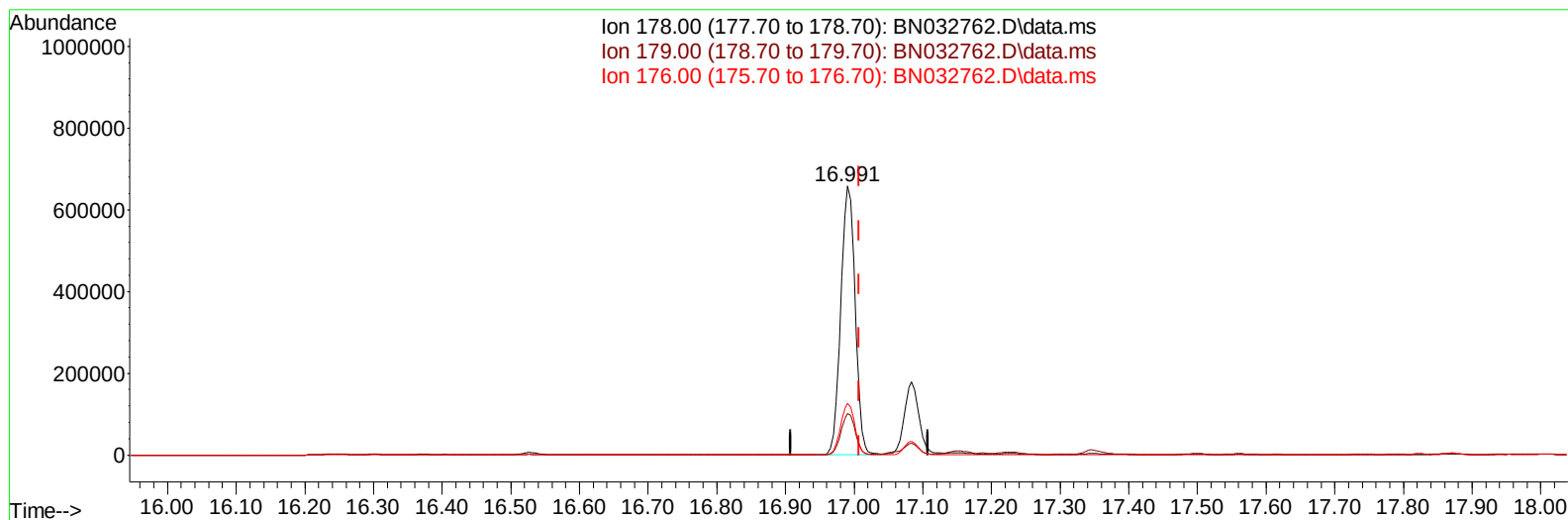
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(15) Phenanthrene

16.991min (-0.017) 16.22 ng/ul m

response 957751

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.42
176.00	19.50	19.23
0.00	0.00	0.00

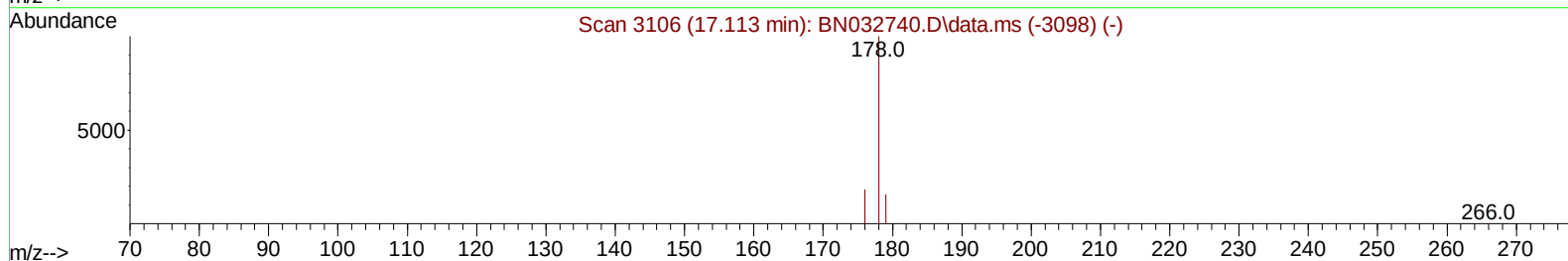
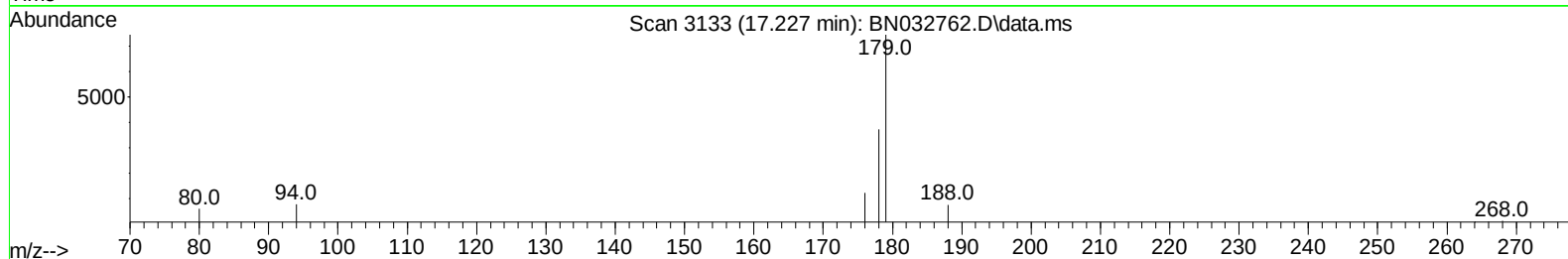
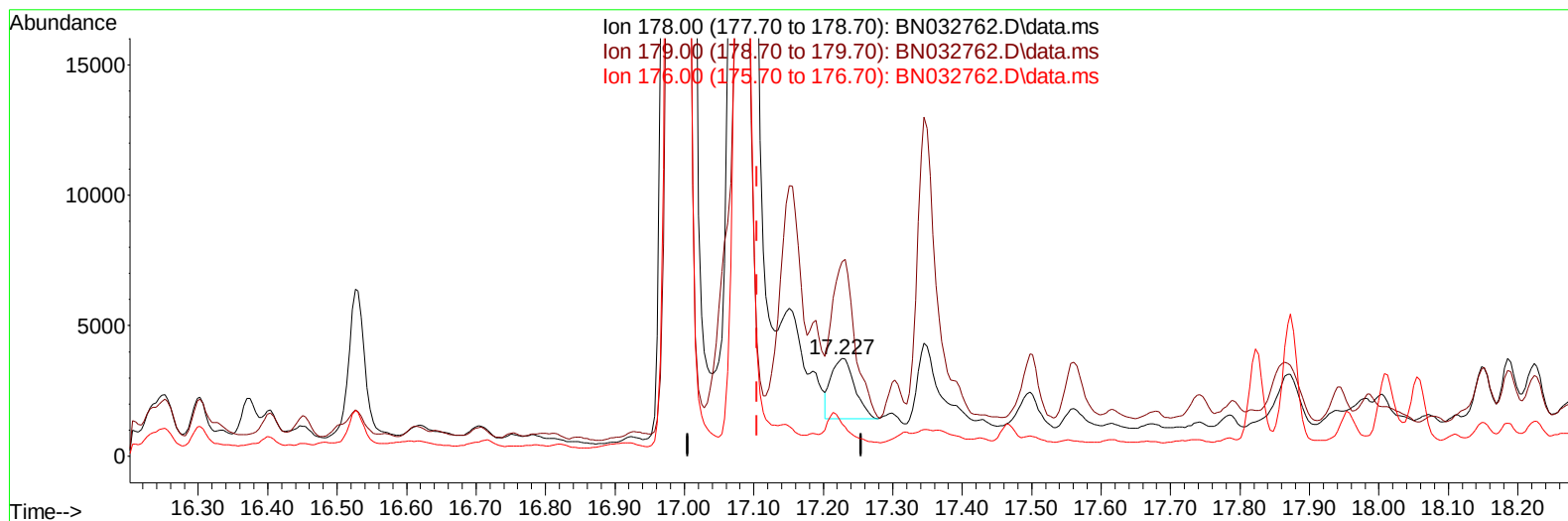
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
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TIC: BN032762.D\data.ms

(16) Anthracene

17.227min (+ 0.122) 0.11 ng/u1

response 5542

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	199.30#
176.00	19.20	32.99#
0.00	0.00	0.00

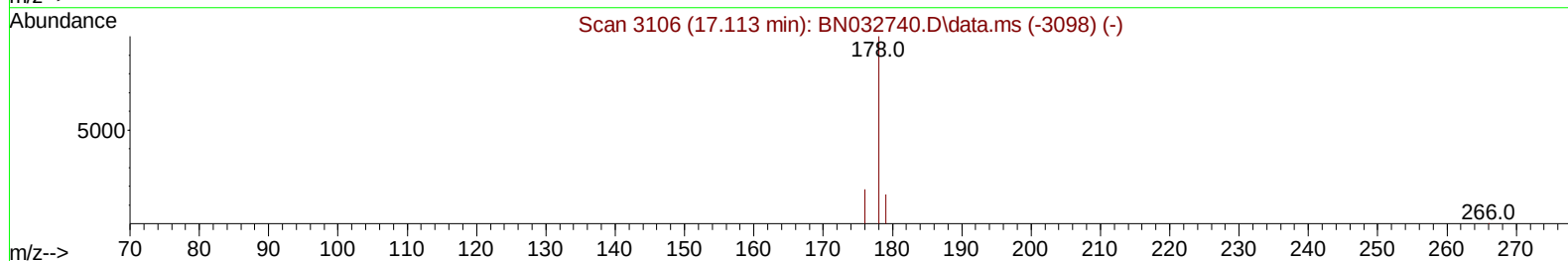
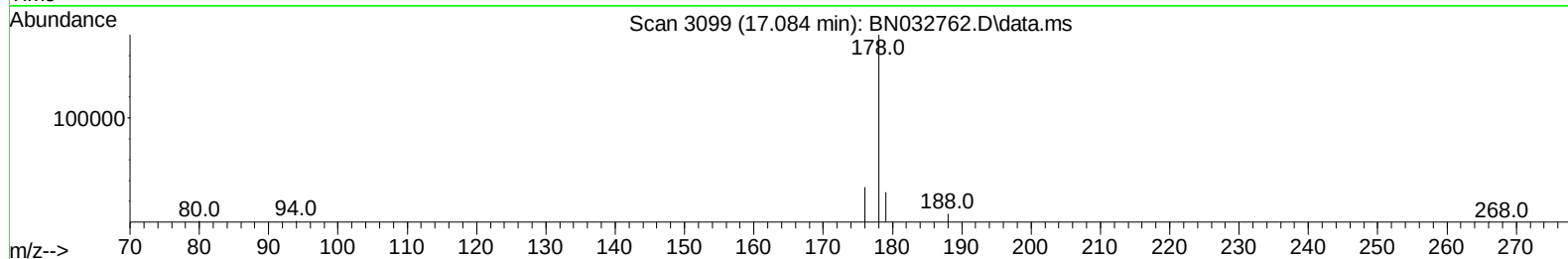
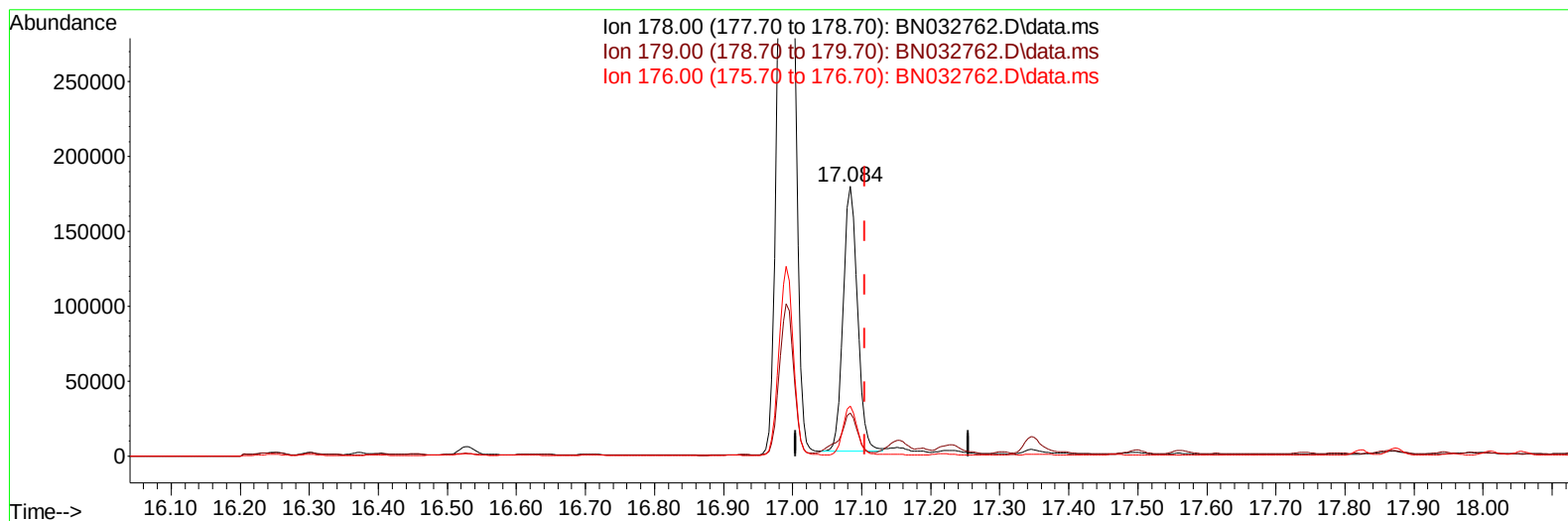
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(16) Anthracene

17.084min (-0.021) 5.30 ng/ul m

response 255782

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	15.90
176.00	19.20	18.54
0.00	0.00	0.00

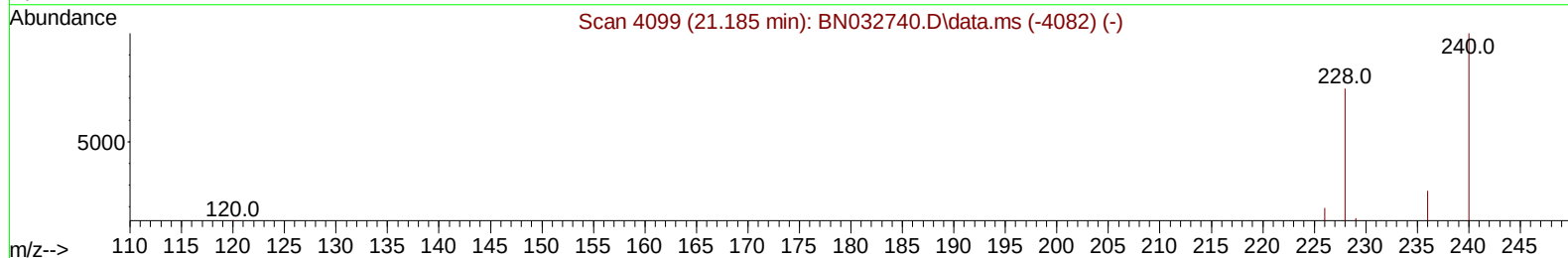
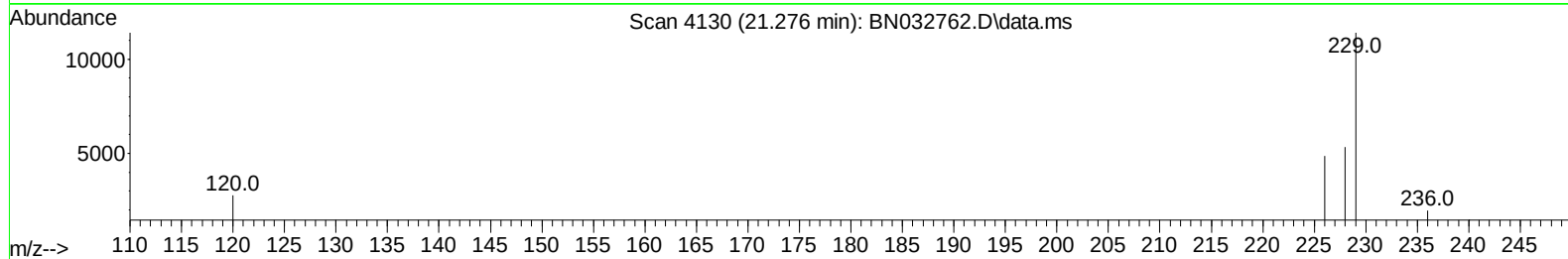
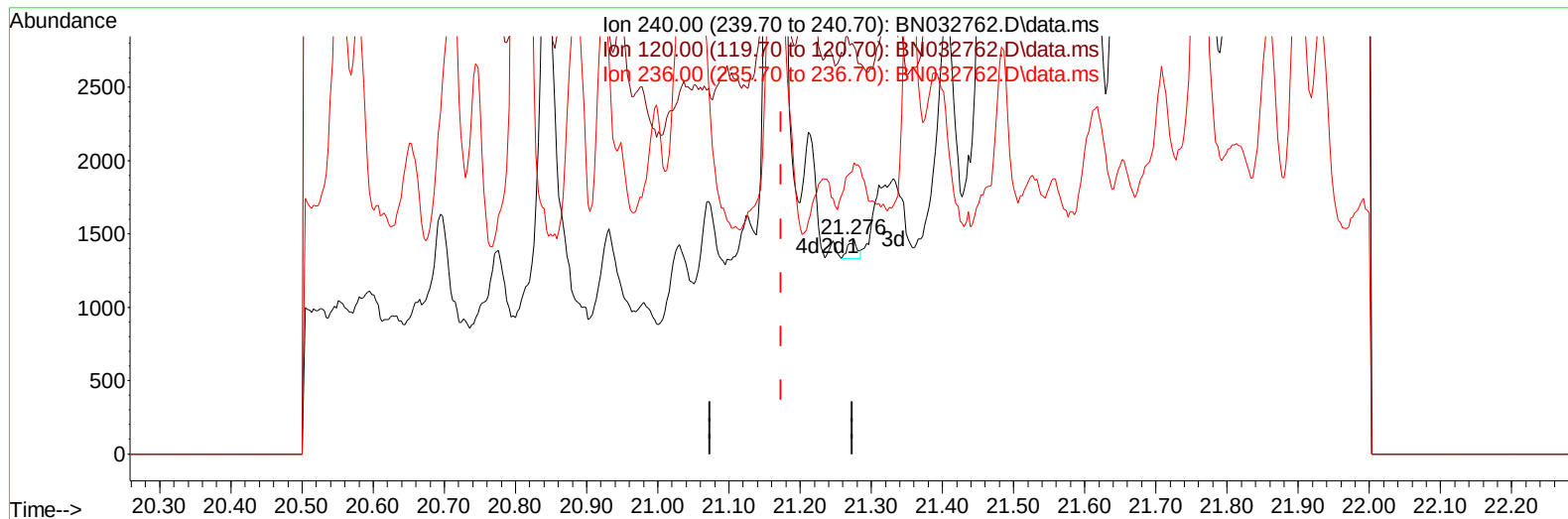
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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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TIC: BN032762.D\data.ms

(17) Chrysene-d12

21.276min (+ 0.102) 0.40 ng/u1

response 118

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	190.08#
236.00	28.40	135.77#
0.00	0.00	0.00

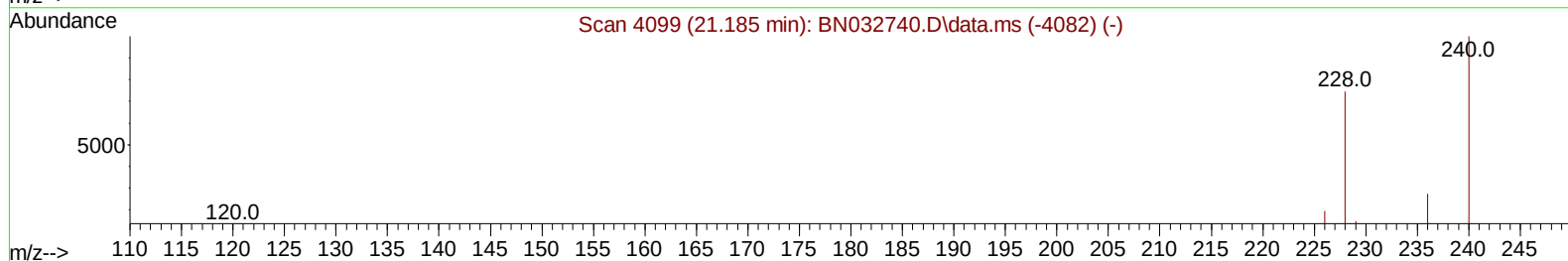
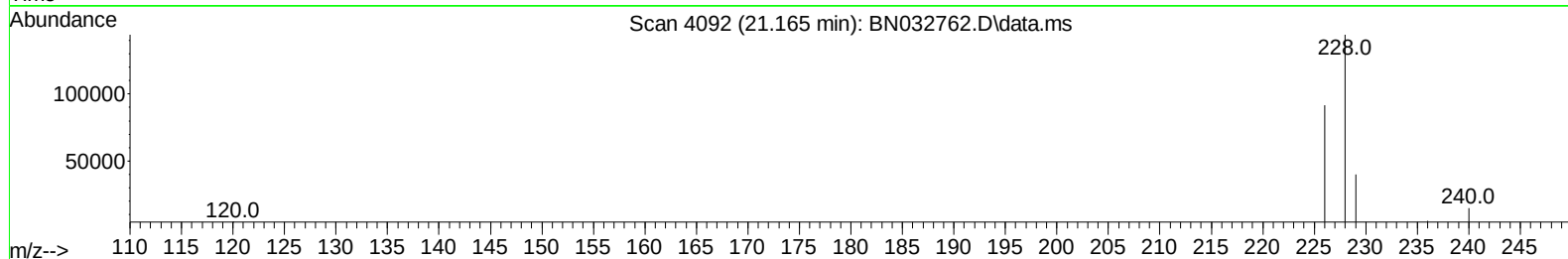
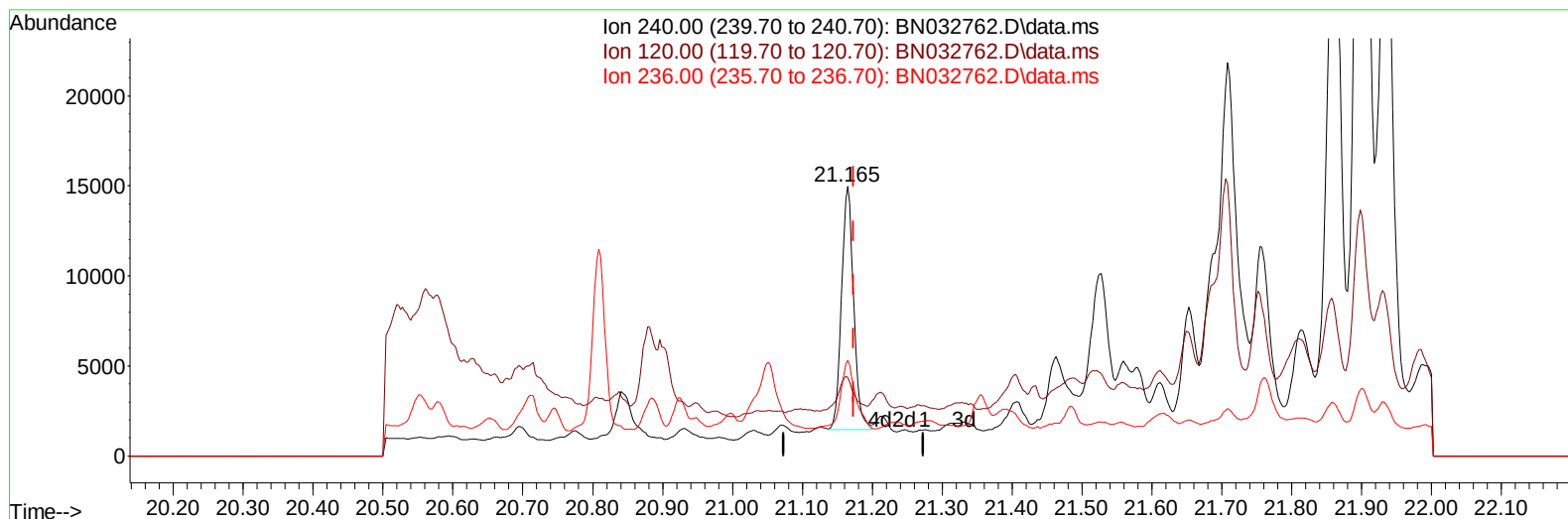
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(17) Chrysene-d12

21.165min (-0.009) 0.40 ng/ul m

response 16395

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	29.10#
236.00	28.40	35.50#
0.00	0.00	0.00

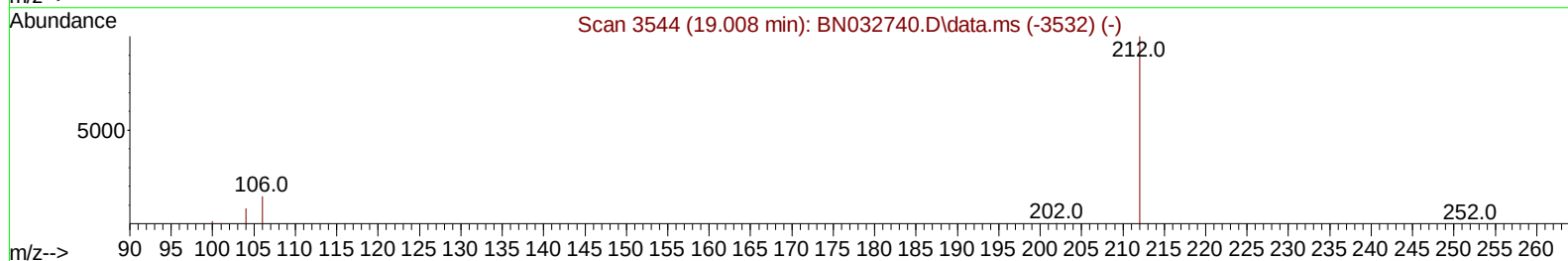
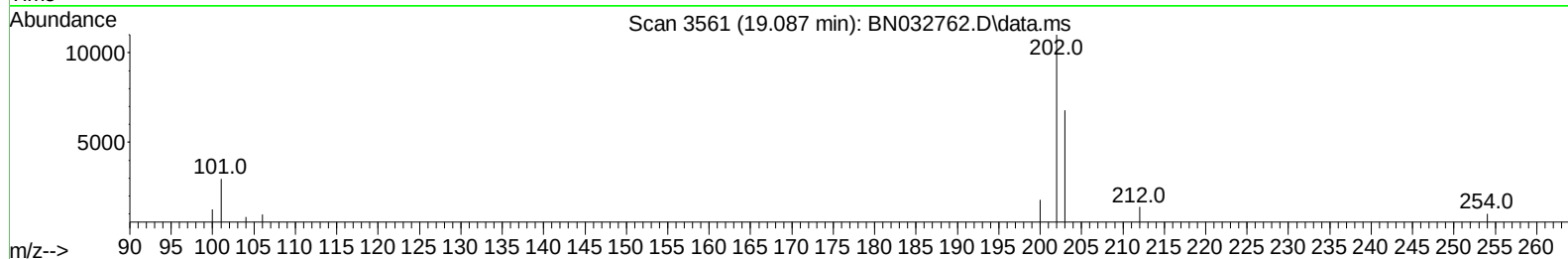
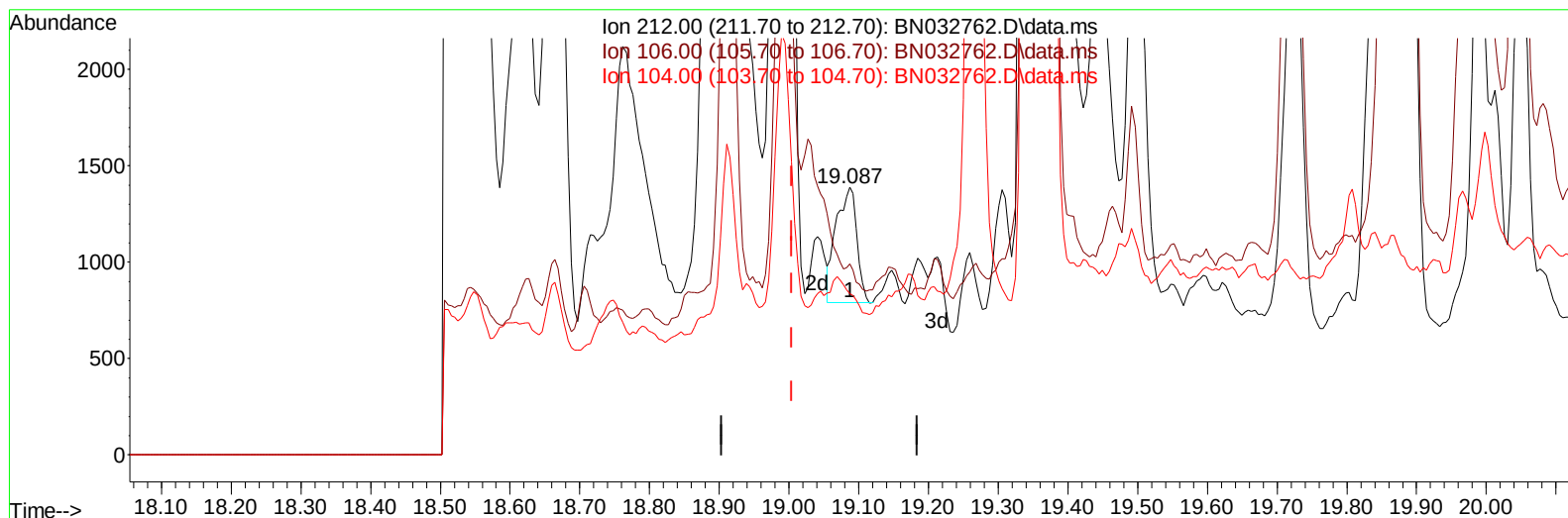
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032762.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.087min (+ 0.084) 0.02 ng/u1

response 1229

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	29.78#
0.00	0.00	0.00

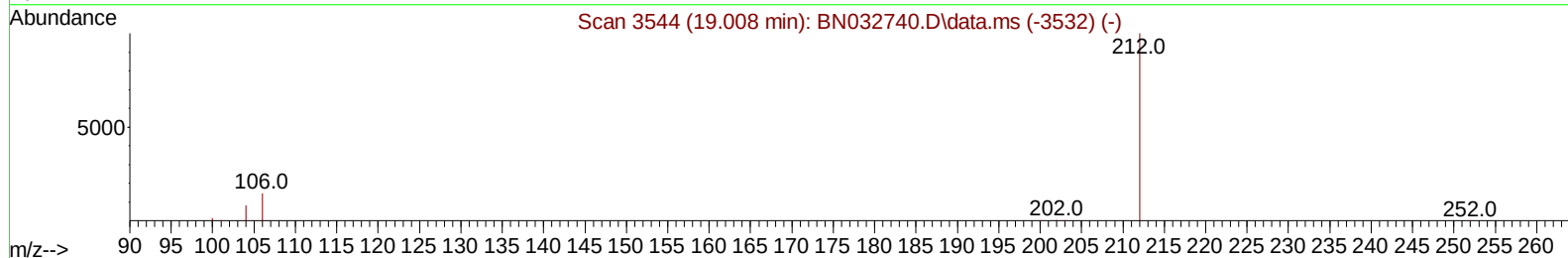
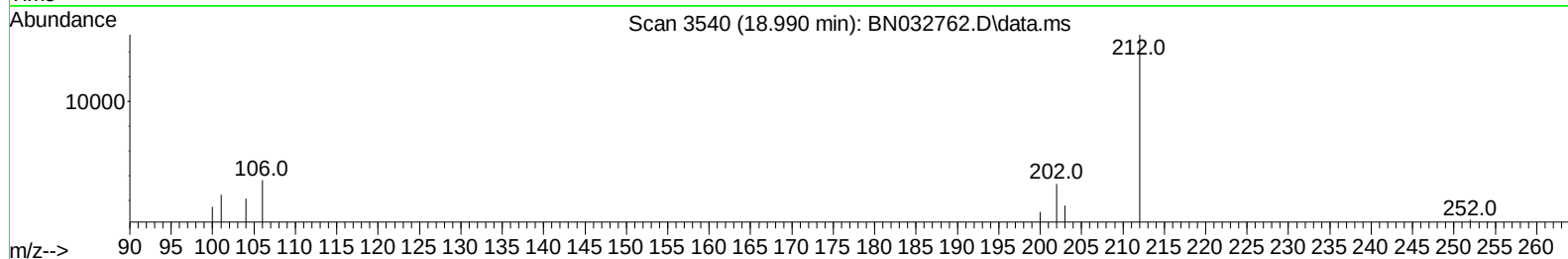
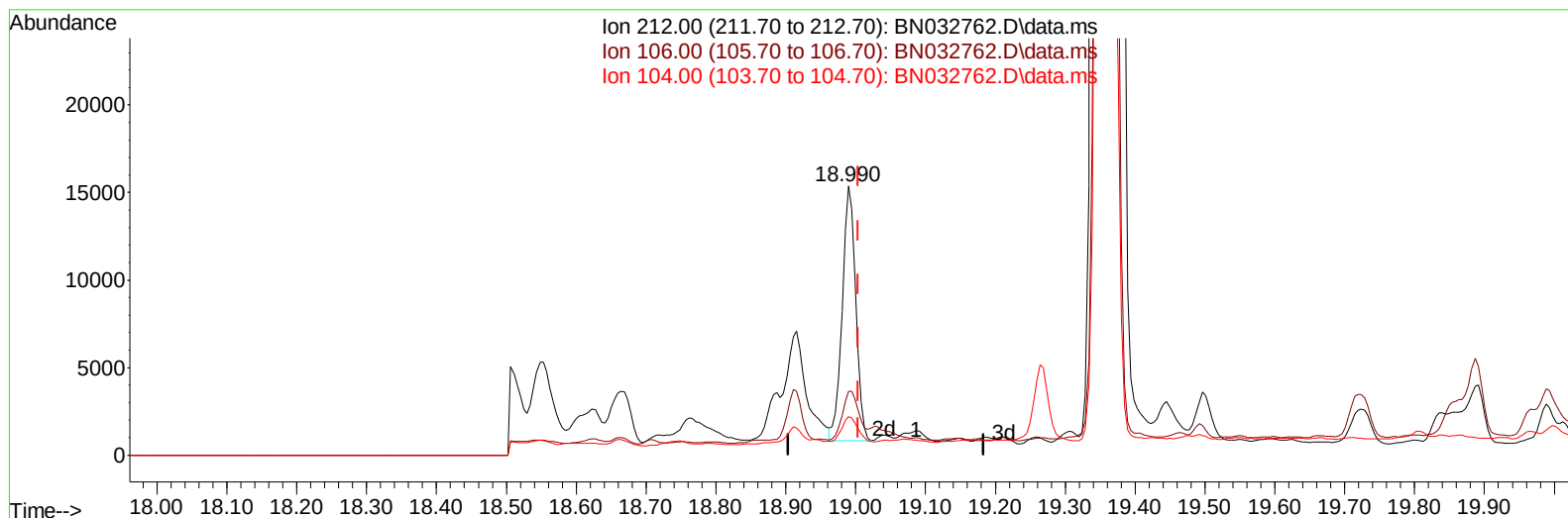
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032762.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.990min (-0.014) 0.37 ng/ul m

response 19739

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	1.85#
0.00	0.00	0.00

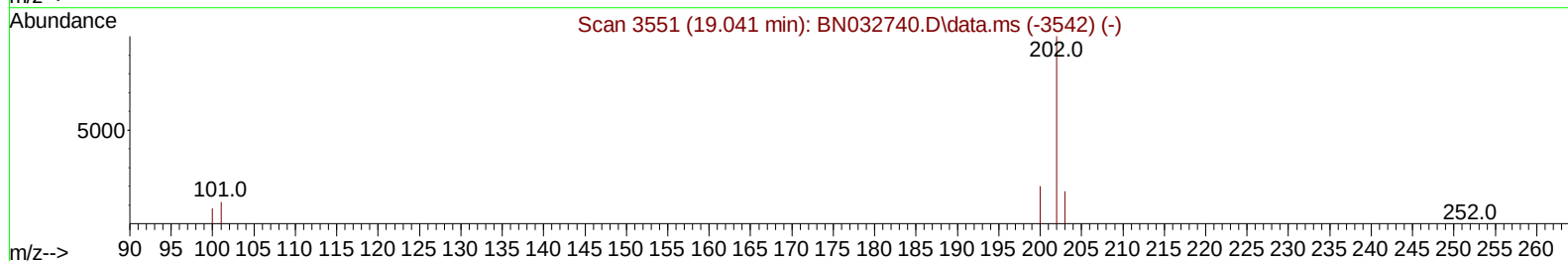
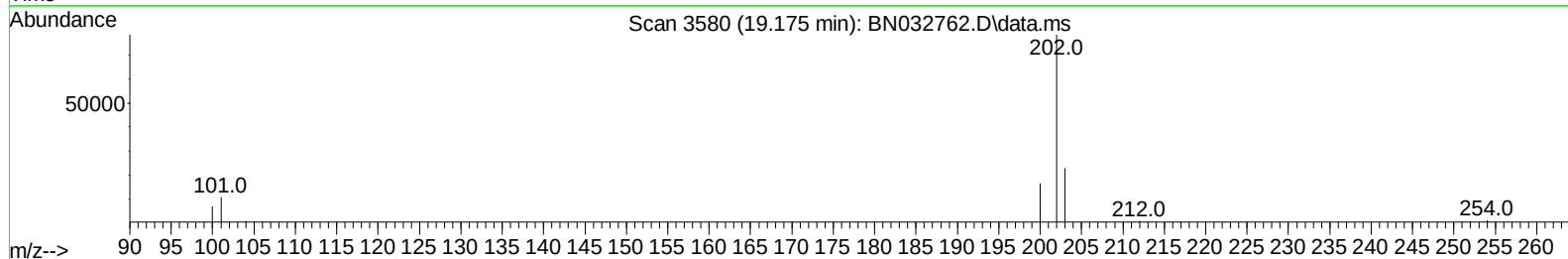
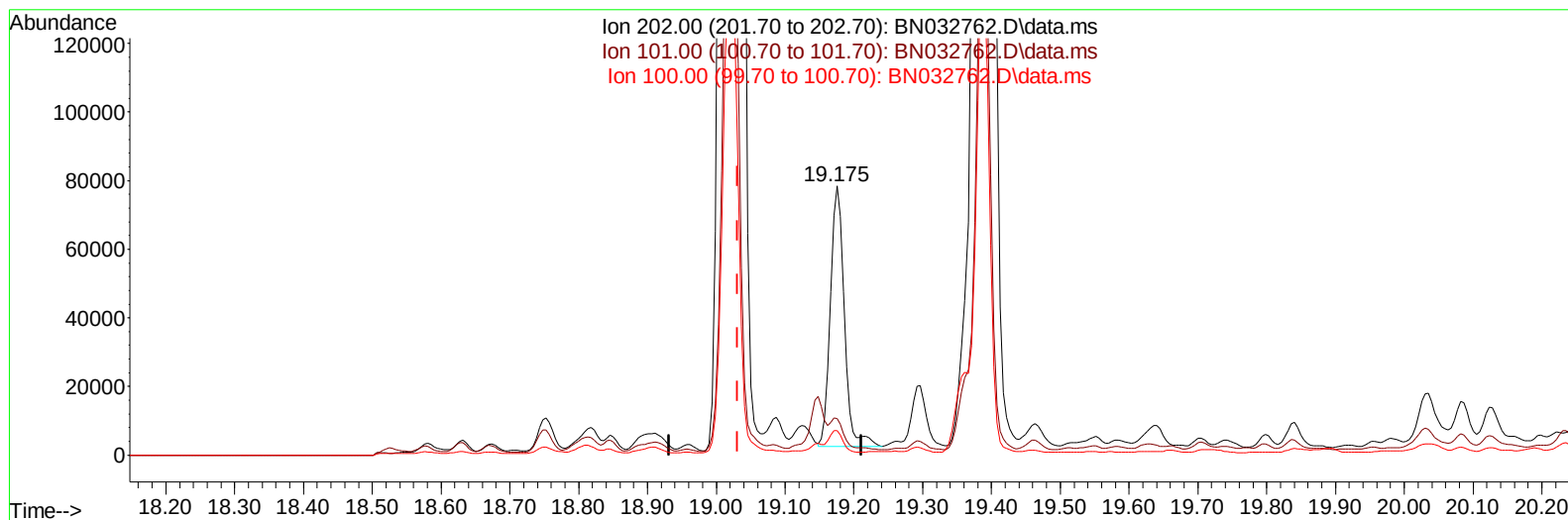
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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TIC: BN032762.D\data.ms

(19) Fluoranthene (C)

19.175min (+ 0.144) 1.61 ng/u1

response 107473

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.69
100.00	9.90	9.18
0.00	0.00	0.00

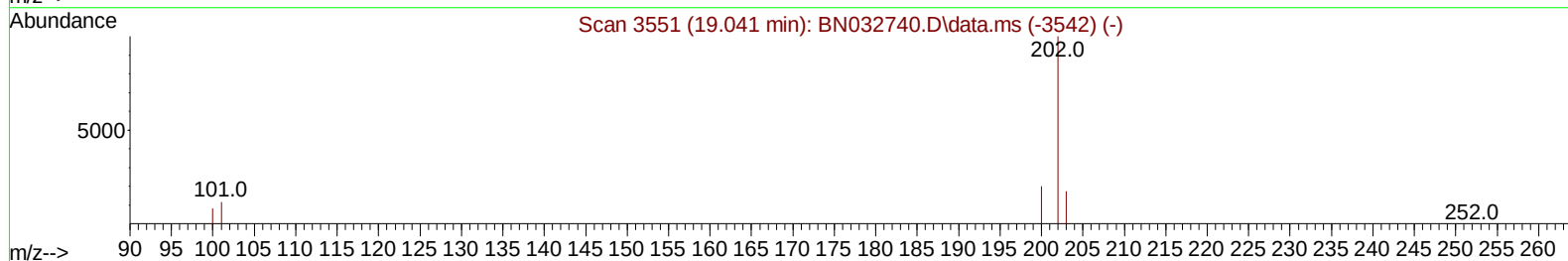
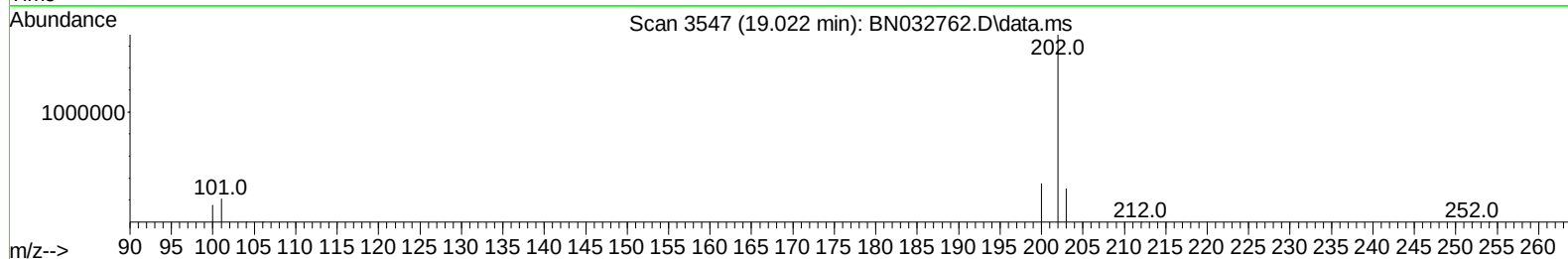
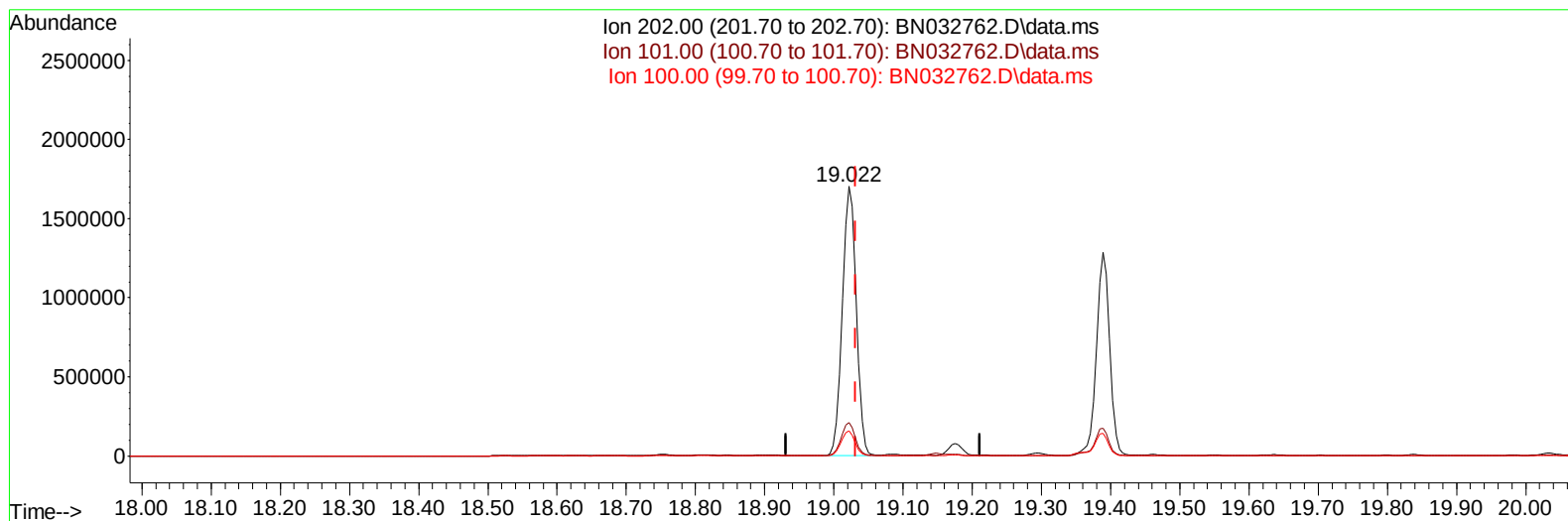
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032762.D\data.ms

(19) Fluoranthene (C)

19.022min (-0.009) 35.79 ng/ul m

response 2385554

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.45
100.00	9.90	9.31
0.00	0.00	0.00

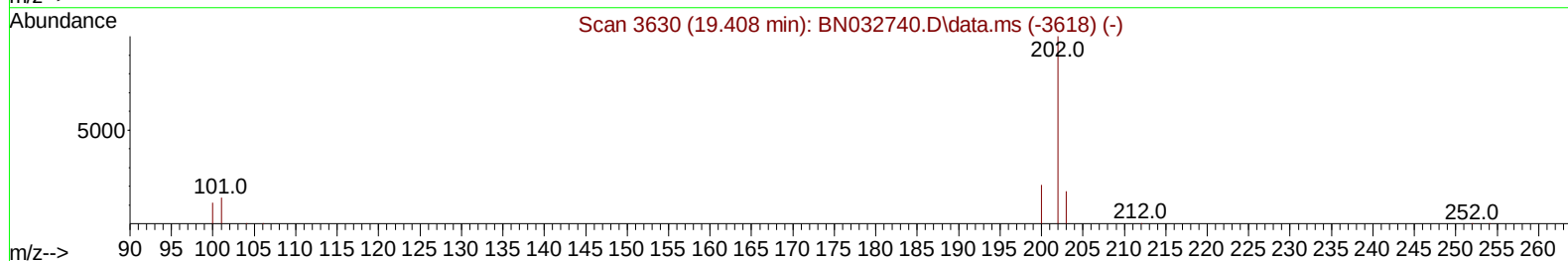
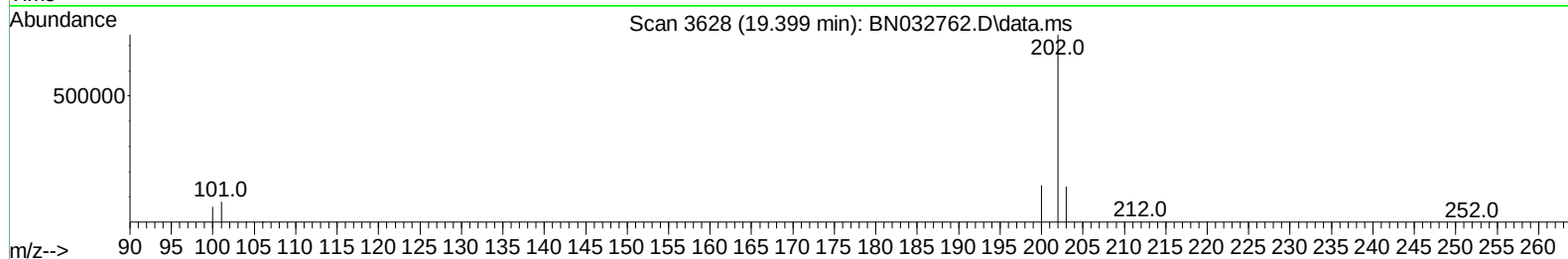
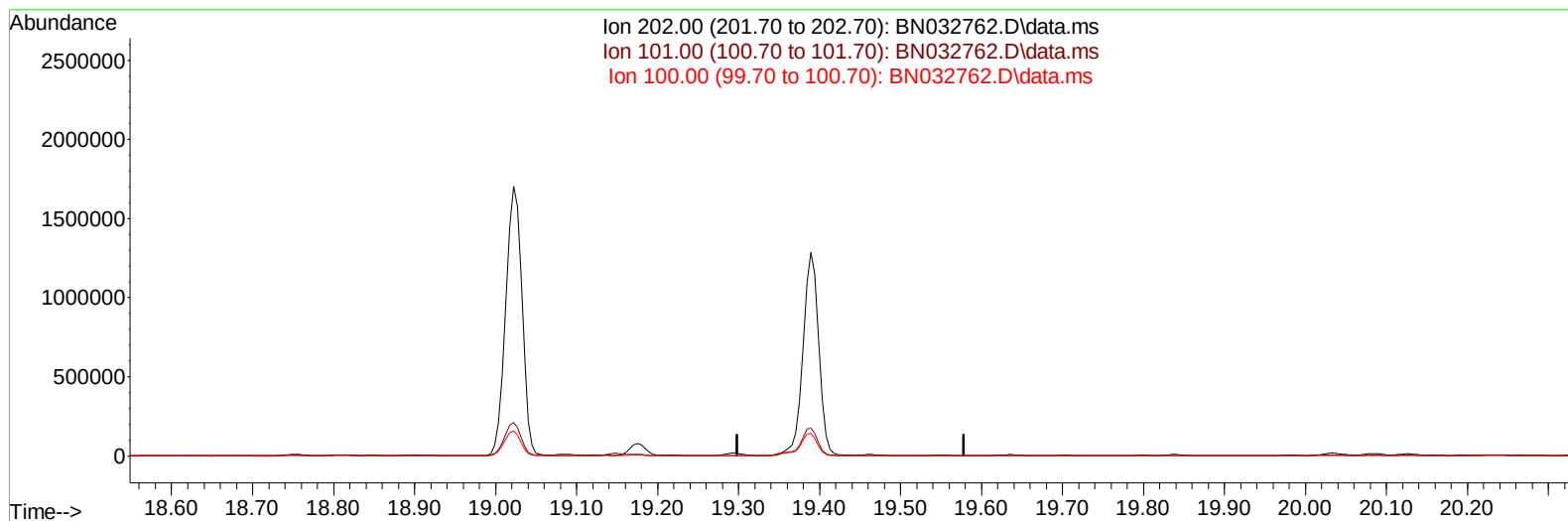
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032762.D\data.ms

(20) Pyrene

19.399min (-19.399) 0.00 ng/ul

response 0

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

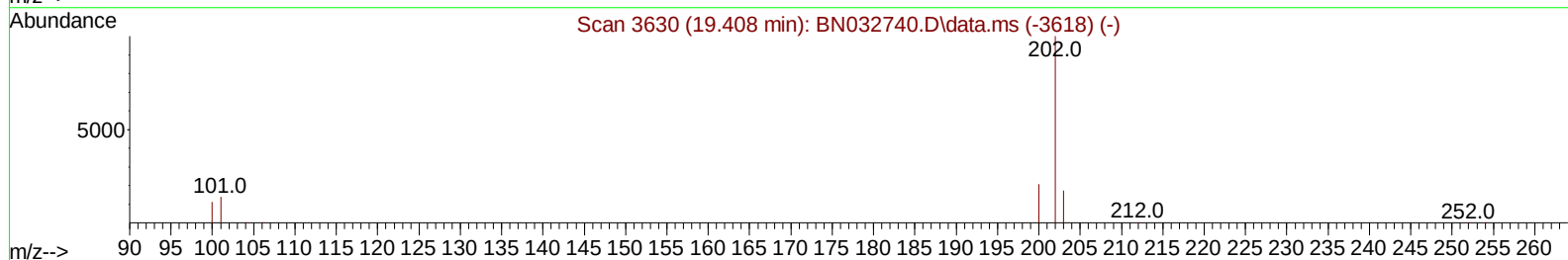
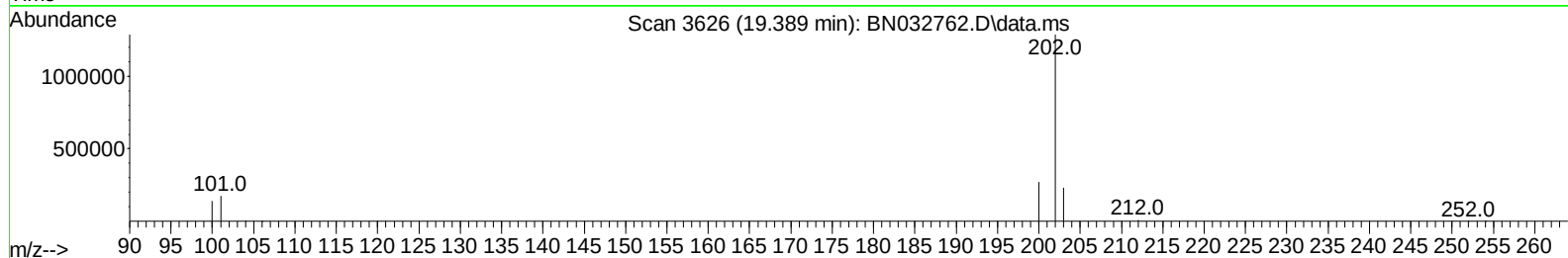
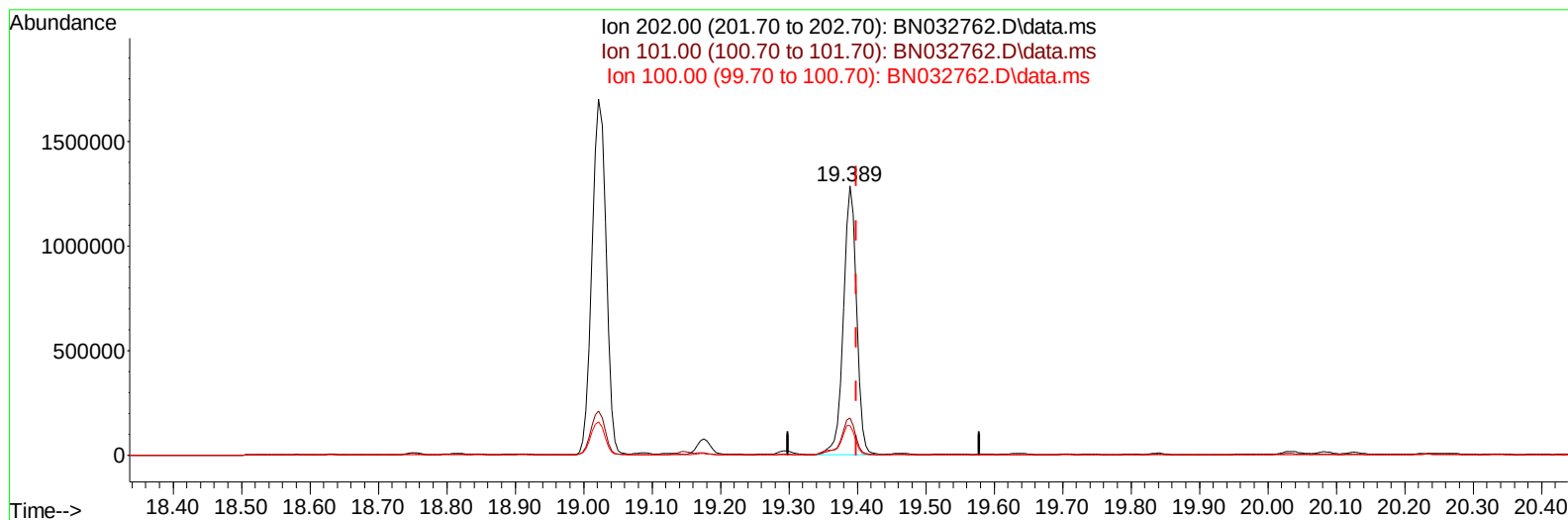
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(20) Pyrene

19.389min (-0.009) 25.10 ng/ul m

response 1732006

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.73
100.00	12.00	11.04
0.00	0.00	0.00

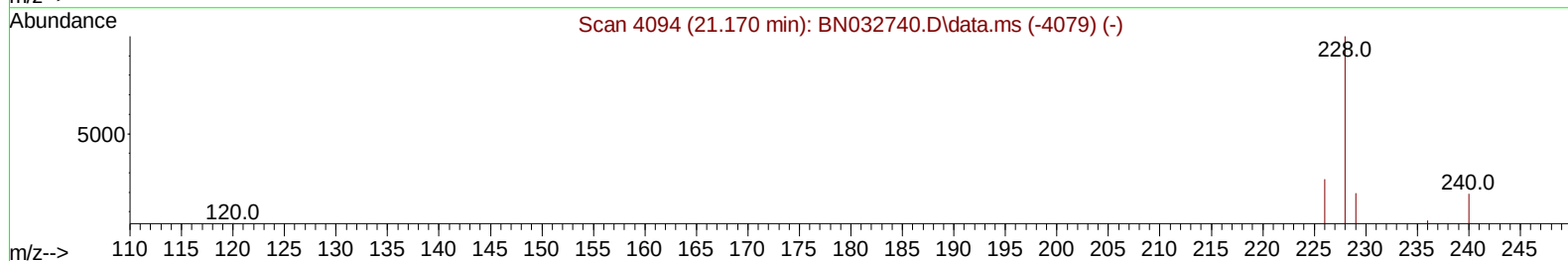
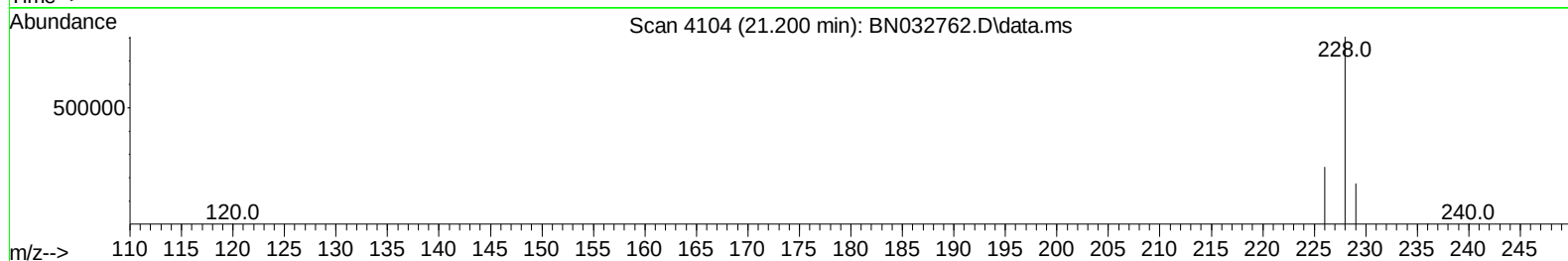
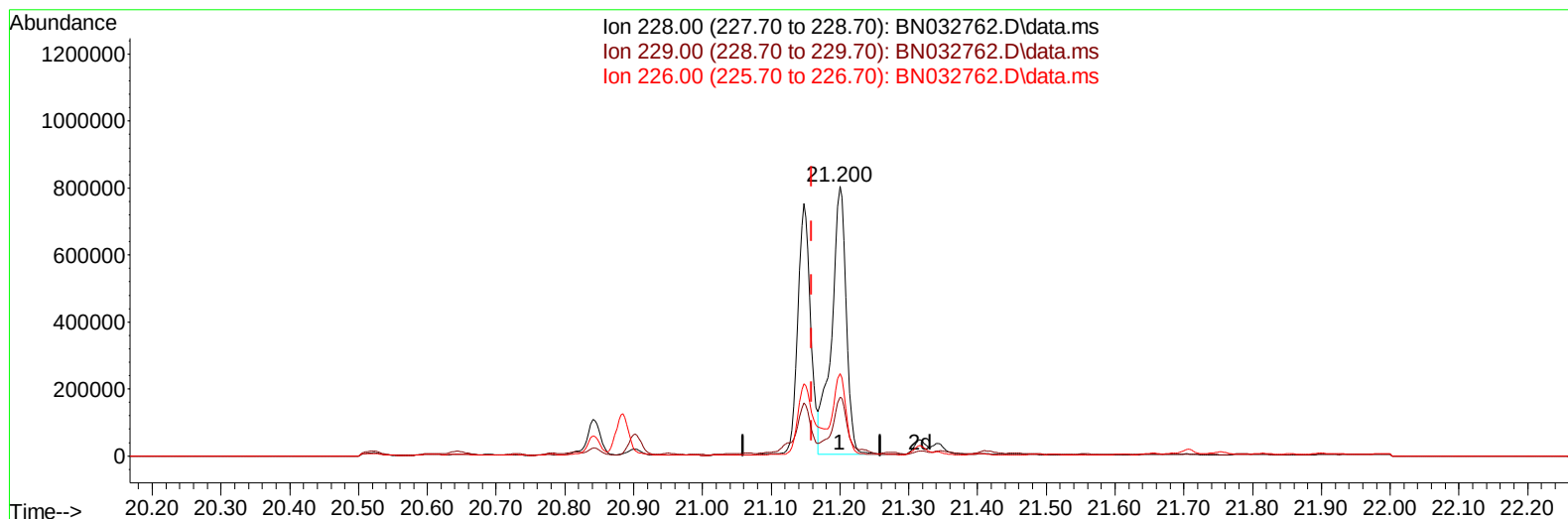
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032762.D\data.ms

(21) Benzo(a)anthracene

21.200min (+ 0.041) 22.74 ng/ul

response 1186656

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.87
226.00	27.40	30.64
0.00	0.00	0.00

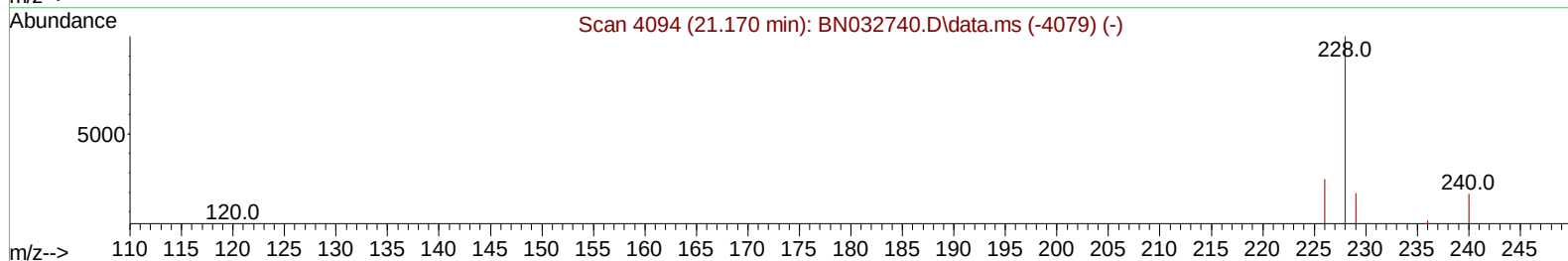
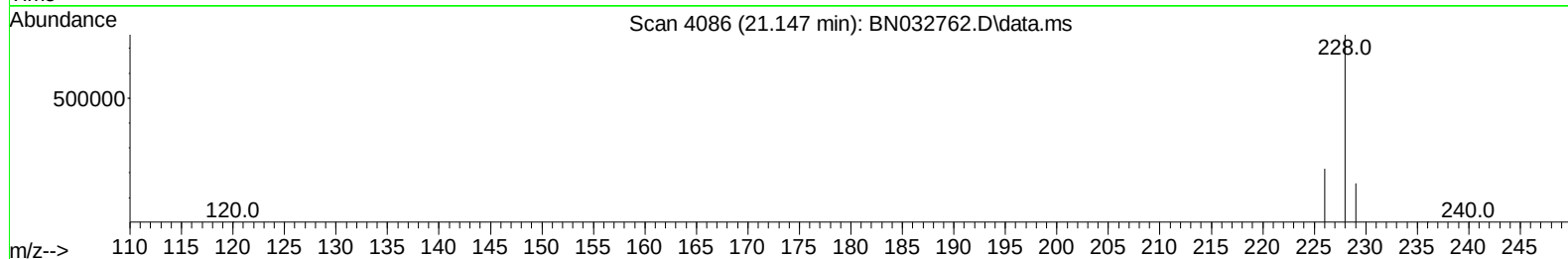
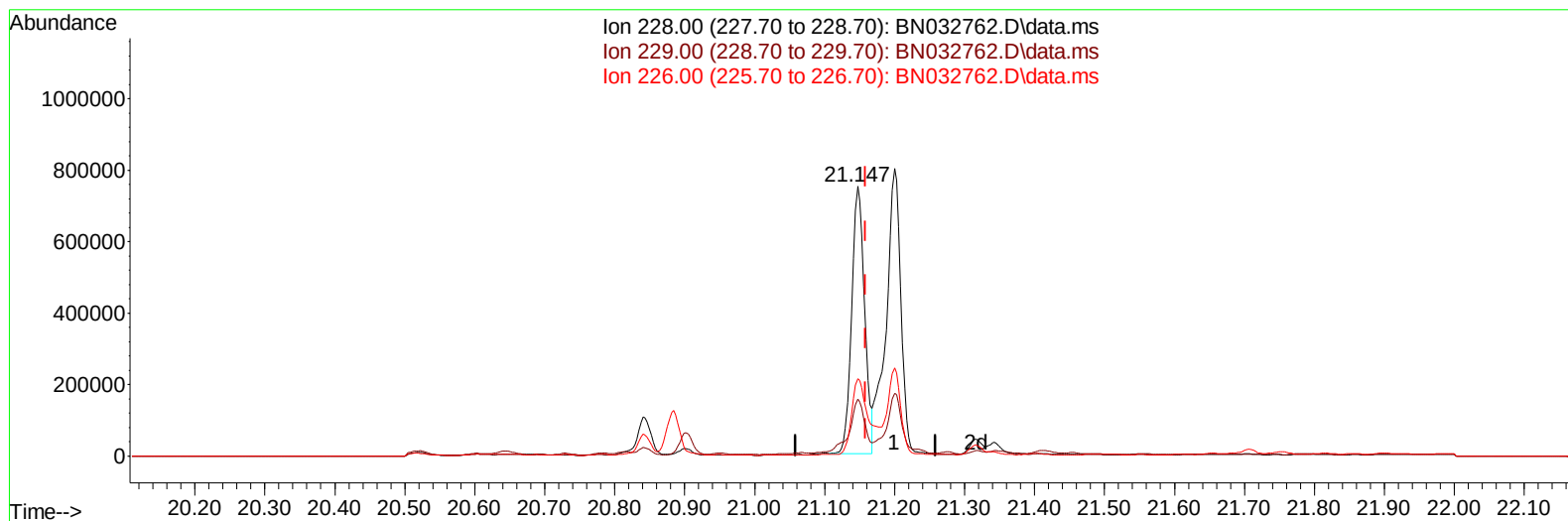
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032762.D\data.ms

(21) Benzo(a)anthracene

21.147min (-0.012) 18.34 ng/ul m

response 957013

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.06
226.00	27.40	28.60
0.00	0.00	0.00

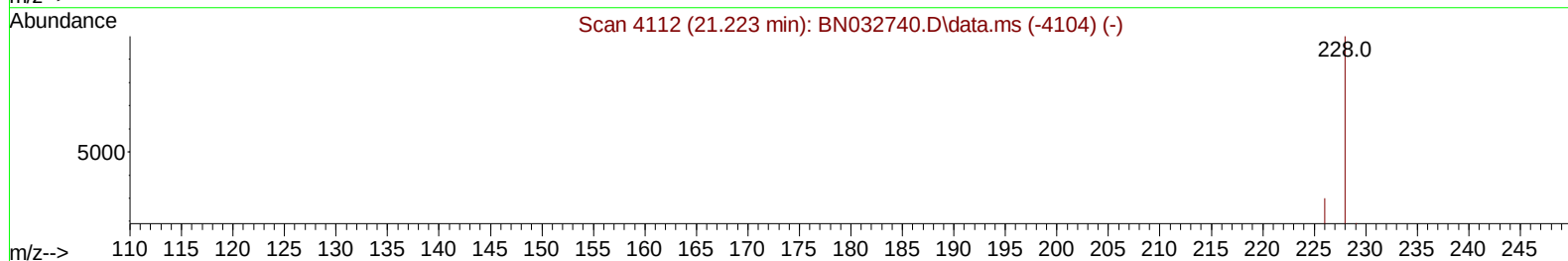
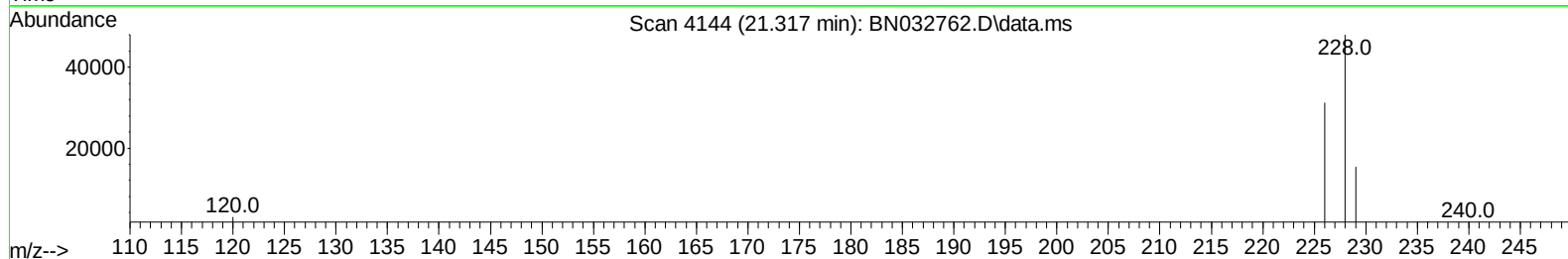
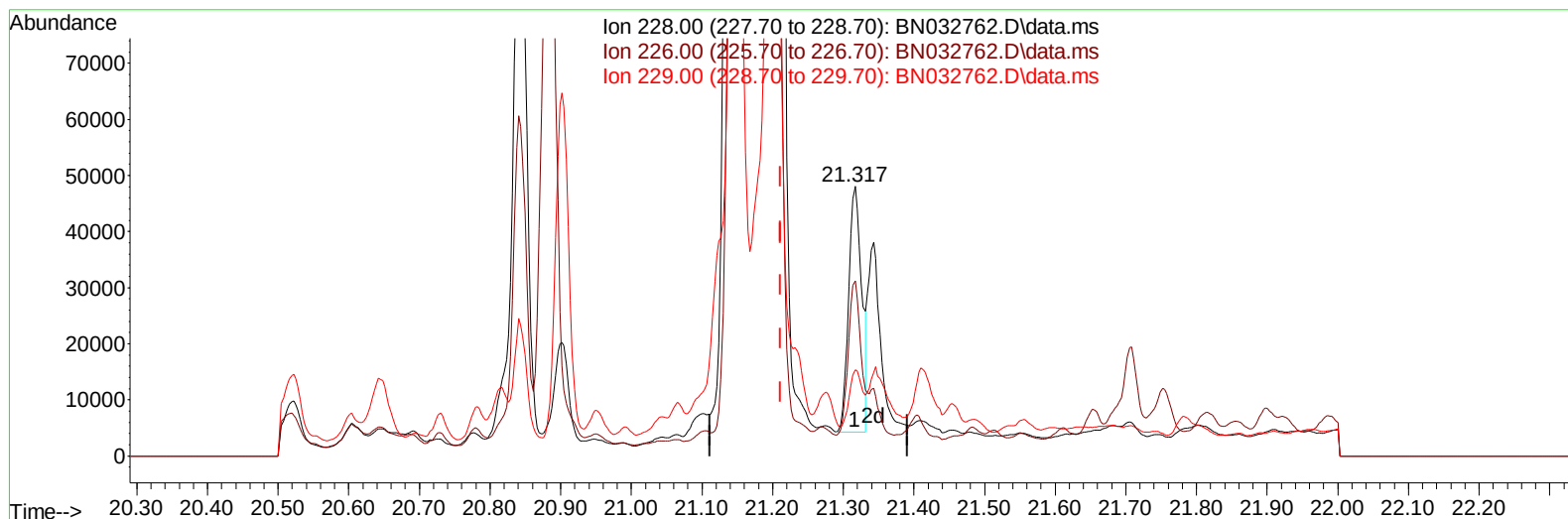
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(22) Chrysene

21.317min (+ 0.105) 0.75 ng/u1

response 56272

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.87#
229.00	19.70	32.02#
0.00	0.00	0.00

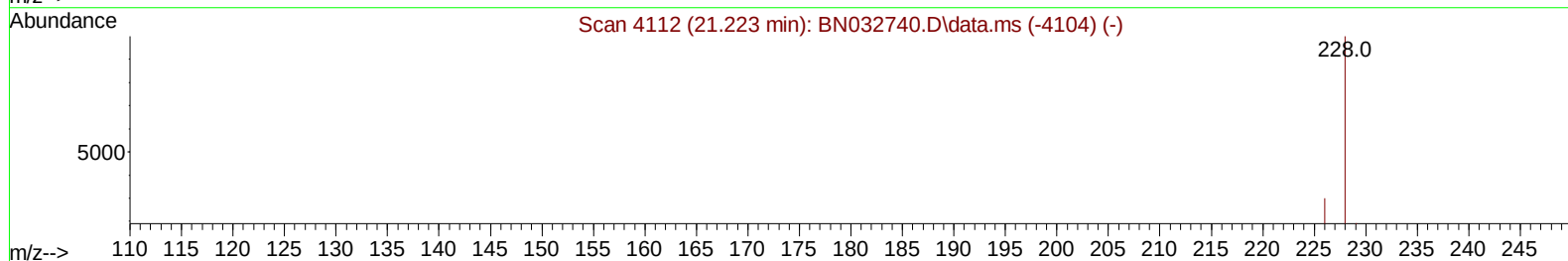
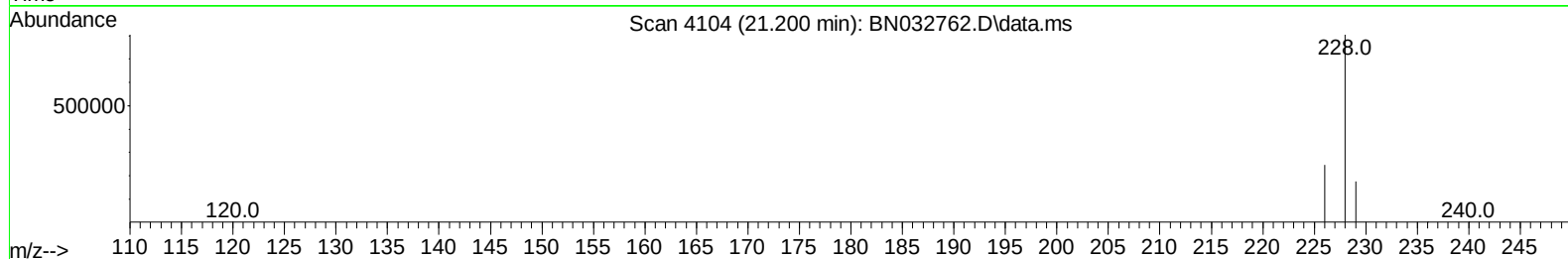
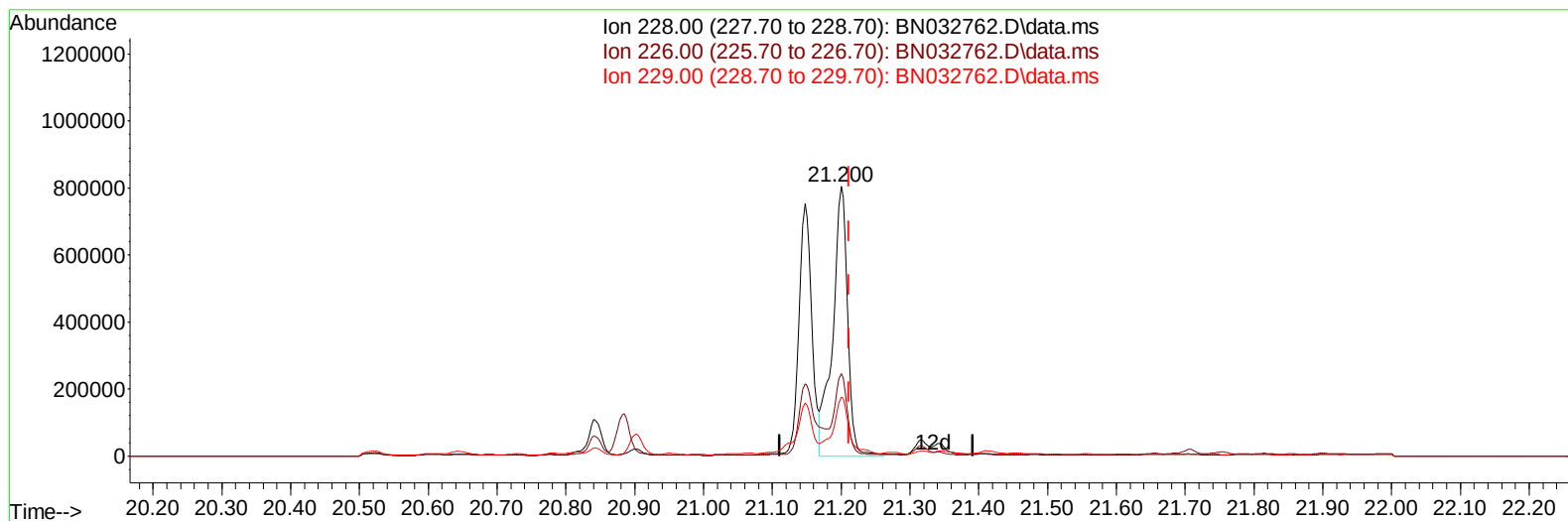
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(22) Chrysene

21.200min (-0.012) 16.09 ng/ul m

response 1215039

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.64
229.00	19.70	21.87
0.00	0.00	0.00

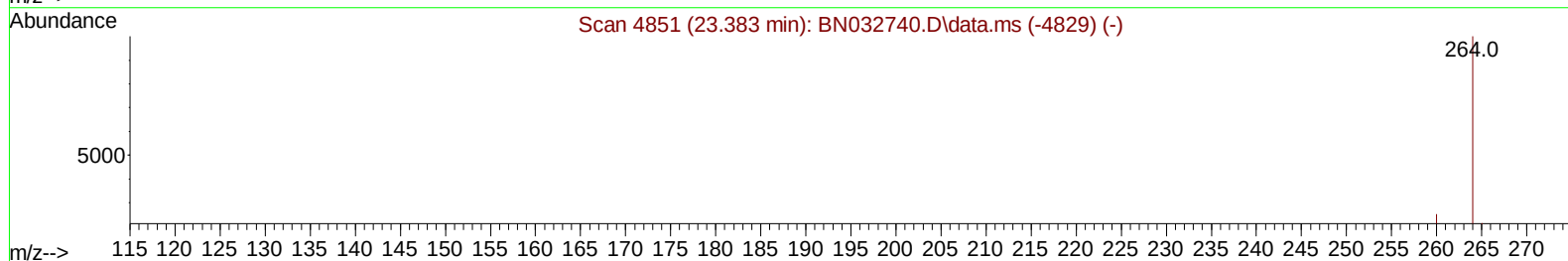
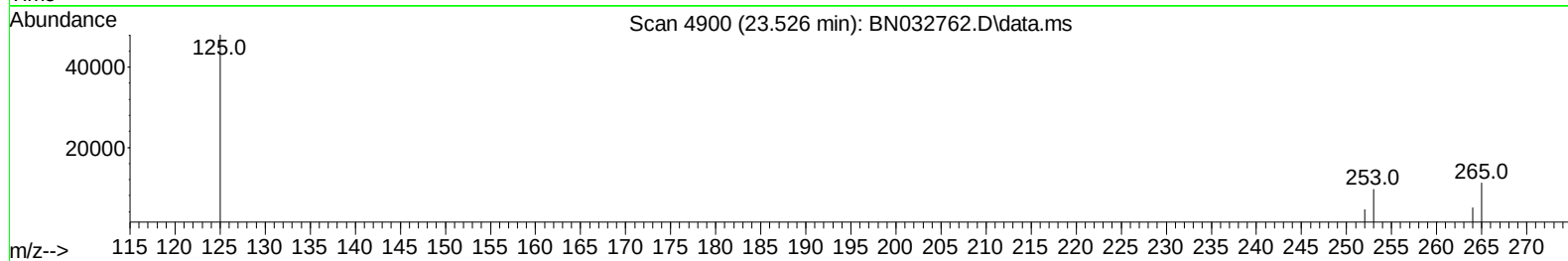
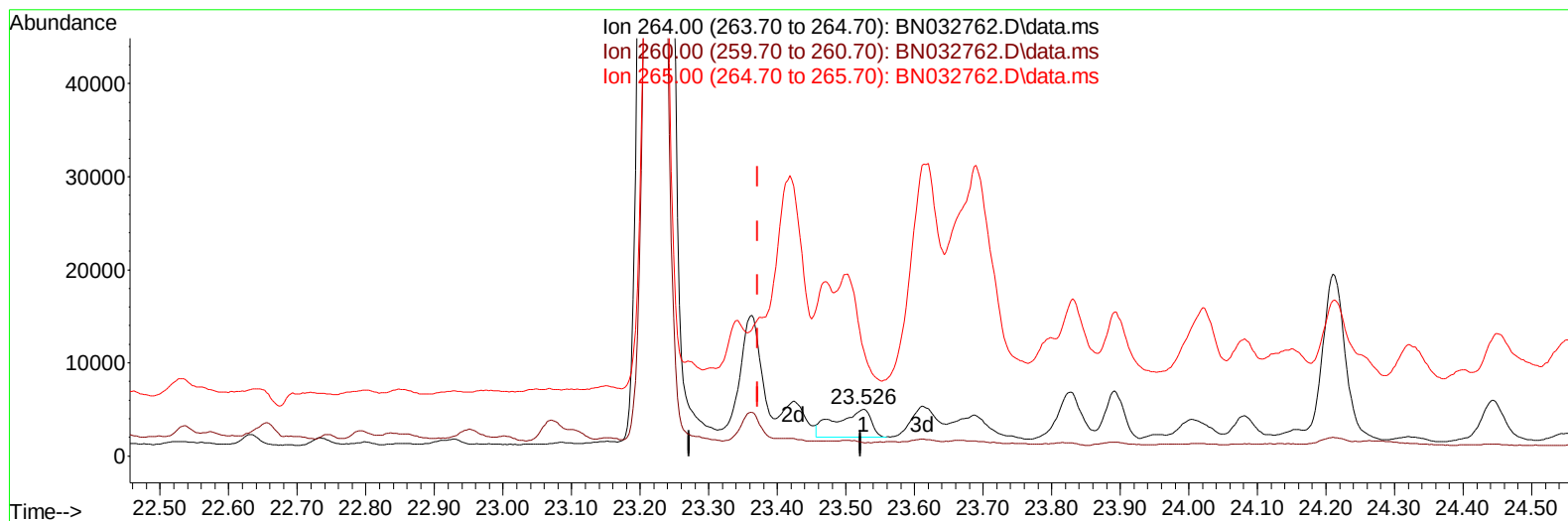
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Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032762.D\data.ms

(23) Perylene-d12 (I)

23.526min (+ 0.155) 0.40 ng/u1

response 10614

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.40
265.00	95.50	222.55#
0.00	0.00	0.00

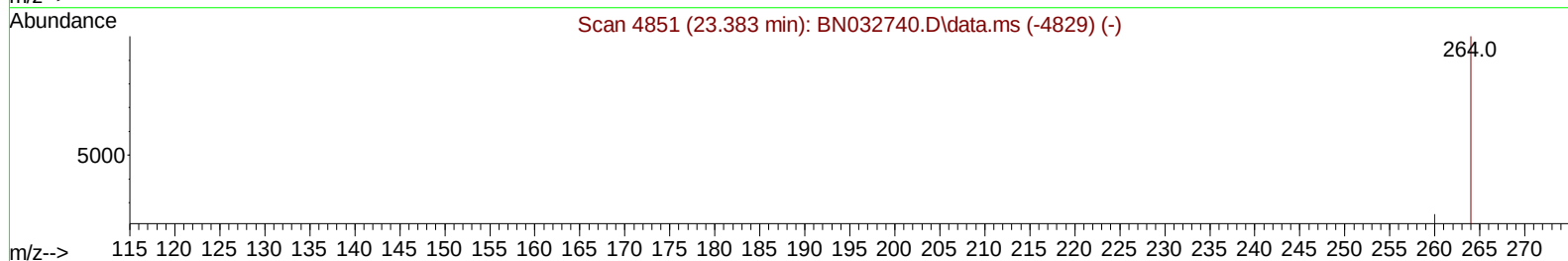
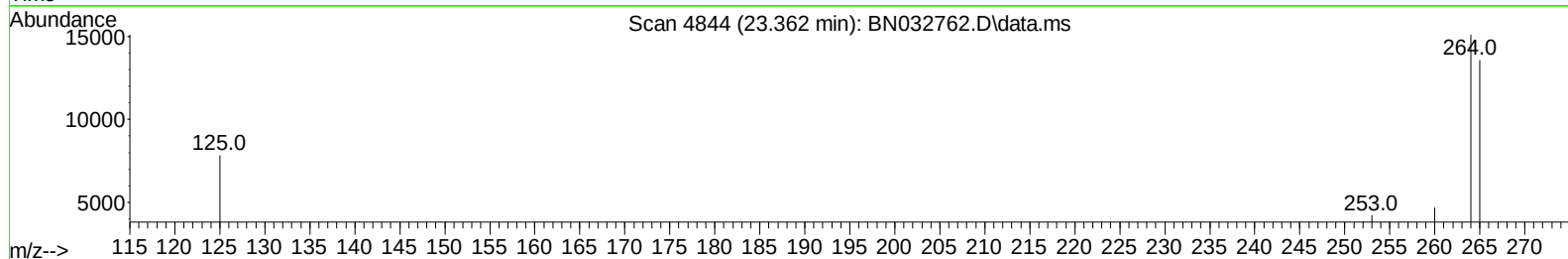
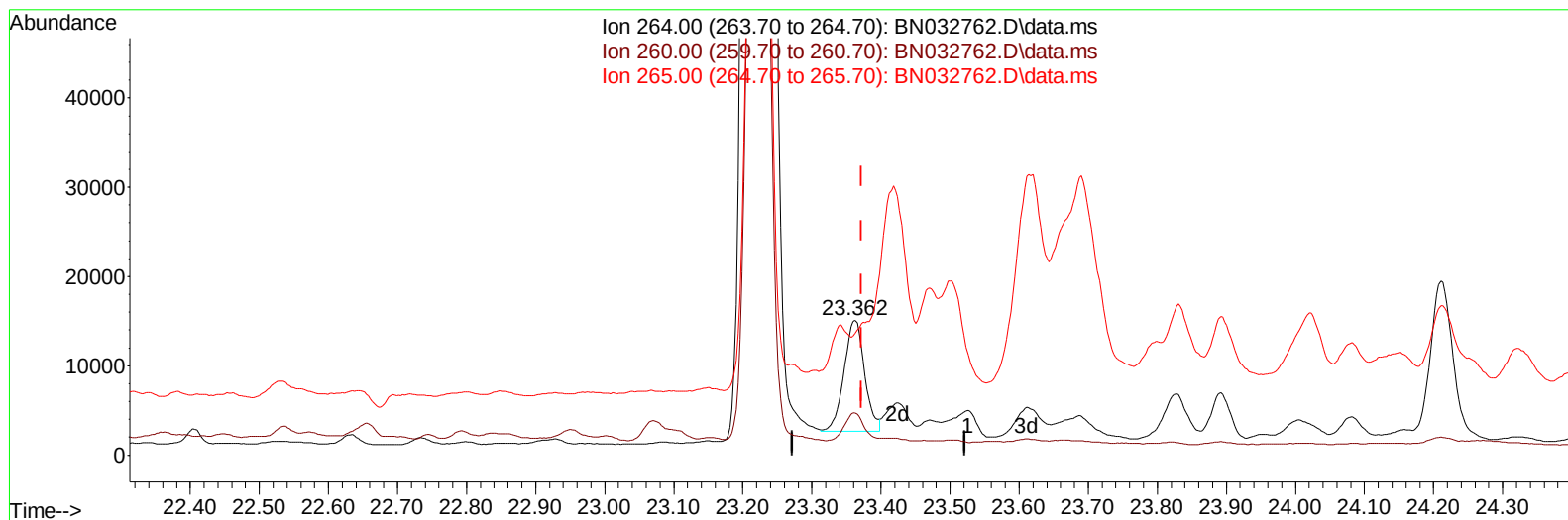
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032762.D
 Acq On : 17 Jul 2024 04:32
 Operator : MA/JU
 Sample : P3100-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.009) 0.40 ng/ul m

response 25665

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.18
265.00	95.50	89.95
0.00	0.00	0.00

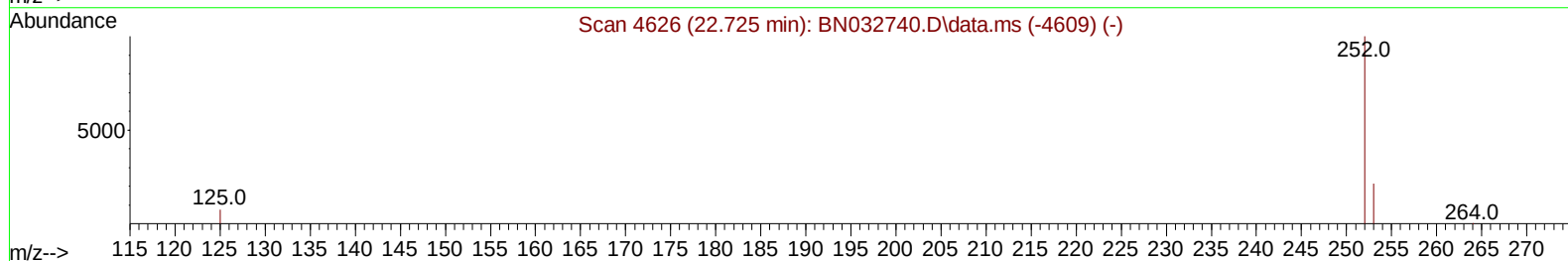
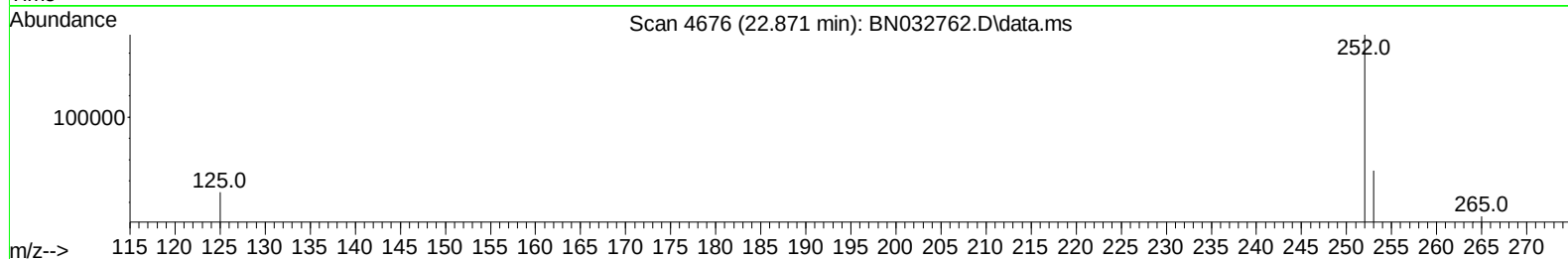
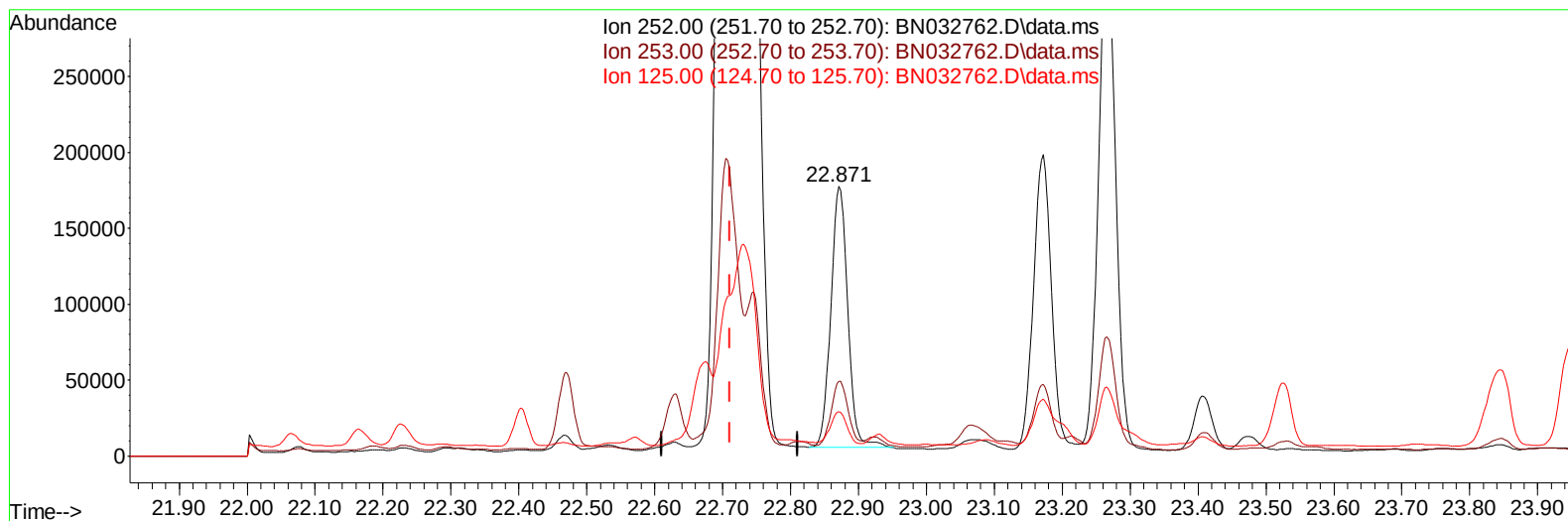
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(24) Benzo(b)fluoranthene

22.871min (+ 0.161) 3.29 ng/u1

response 298096

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.83
125.00	18.00	16.52
0.00	0.00	0.00

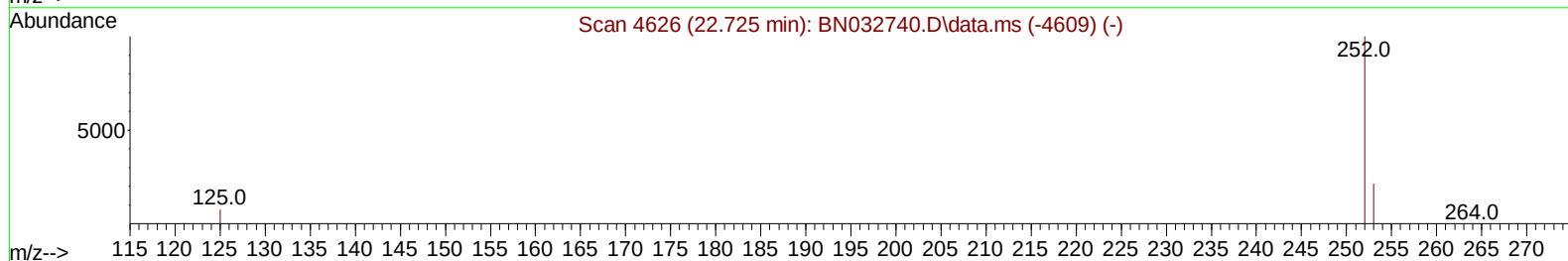
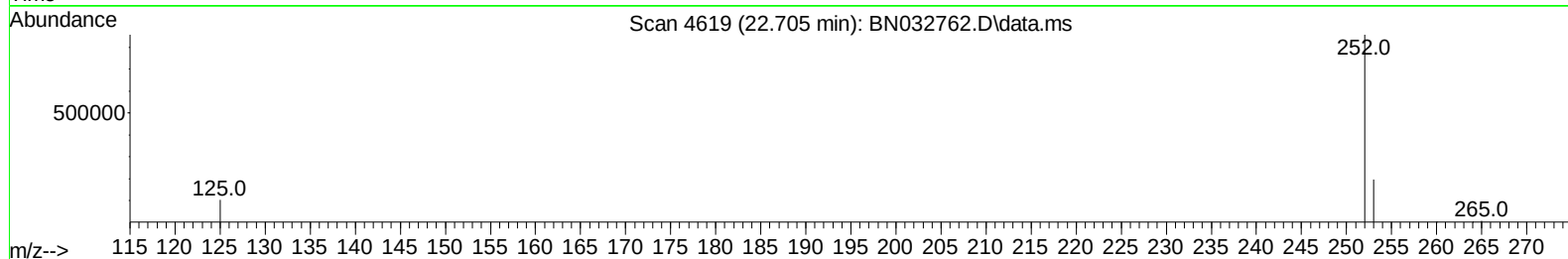
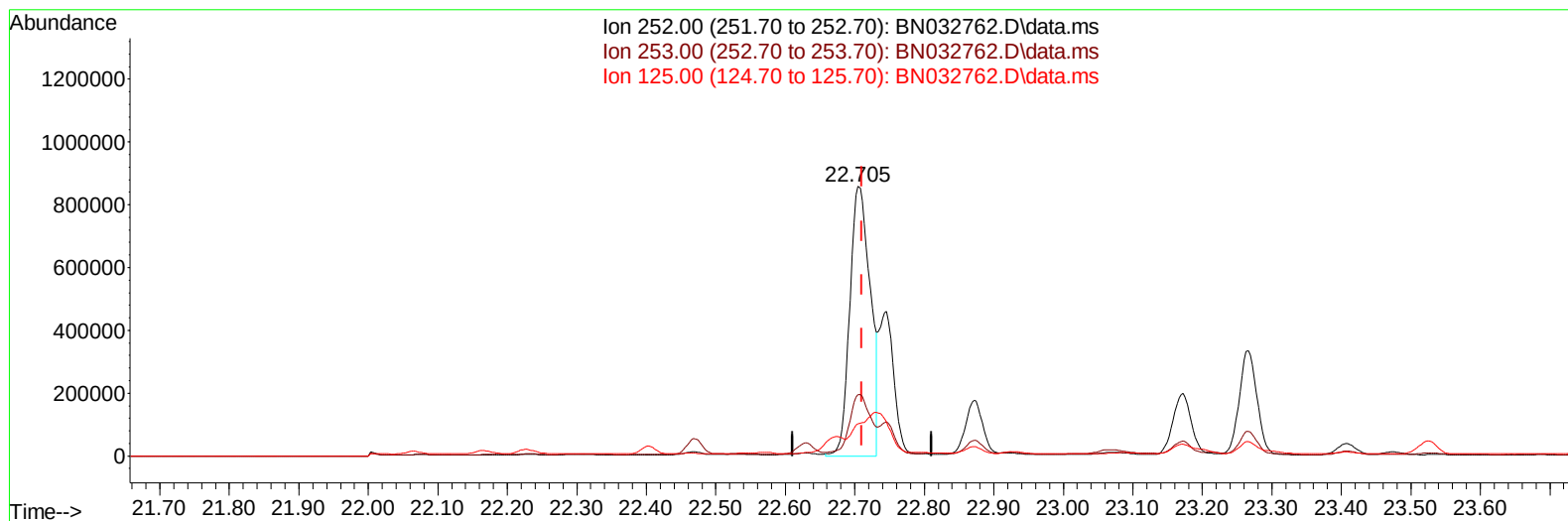
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (-0.006) 19.42 ng/ul m

response 1758776

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.86
125.00	18.00	11.94
0.00	0.00	0.00

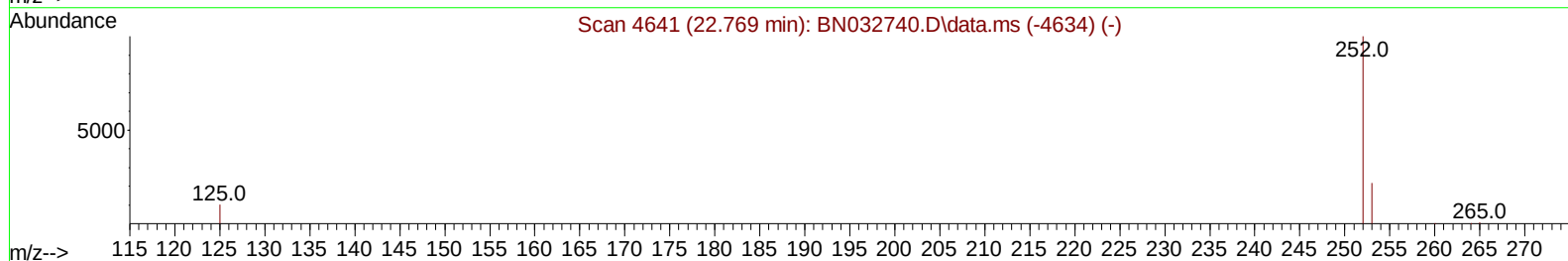
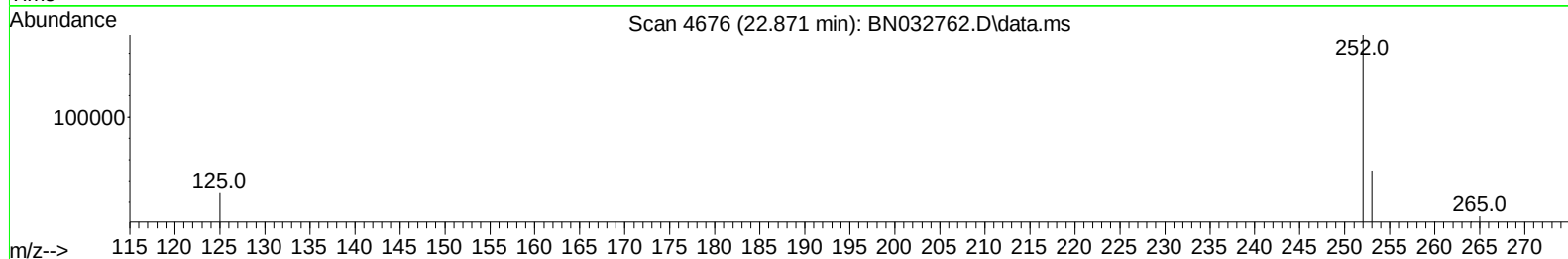
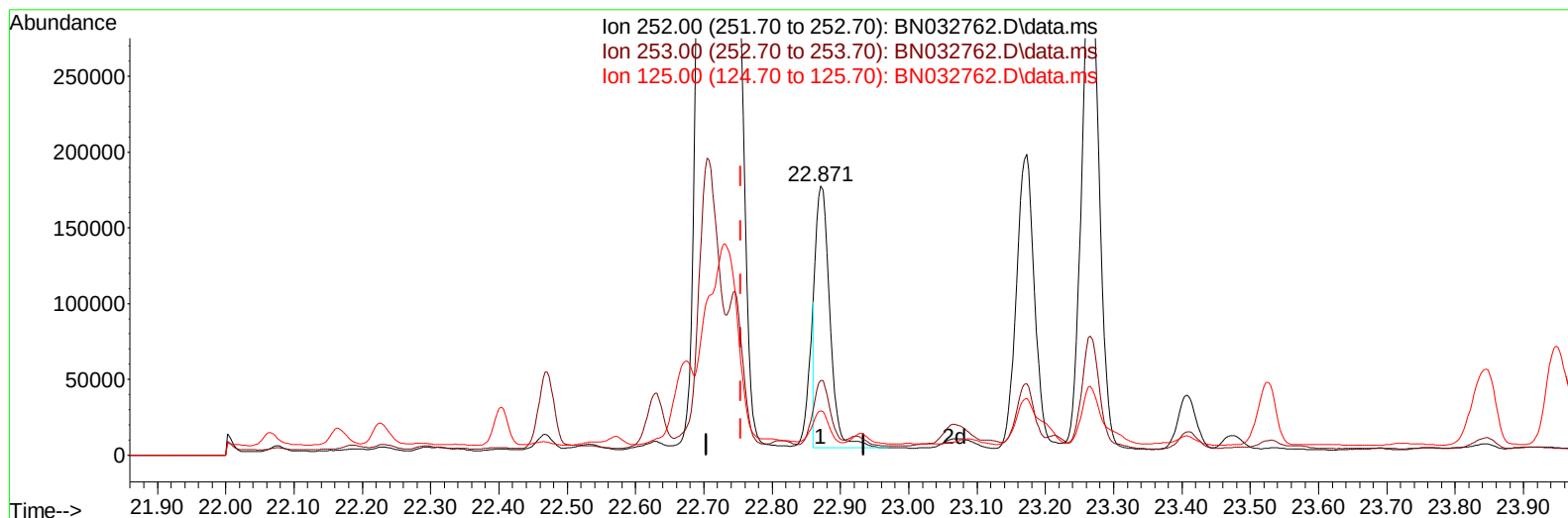
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032762.D
 Acq On : 17 Jul 2024 04:32
 Operator : MA/JU
 Sample : P3100-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(25) Benzo(k)fluoranthene

22.871min (+ 0.117) 2.28 ng/u1

response 251895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	27.83
125.00	18.50	16.52
0.00	0.00	0.00

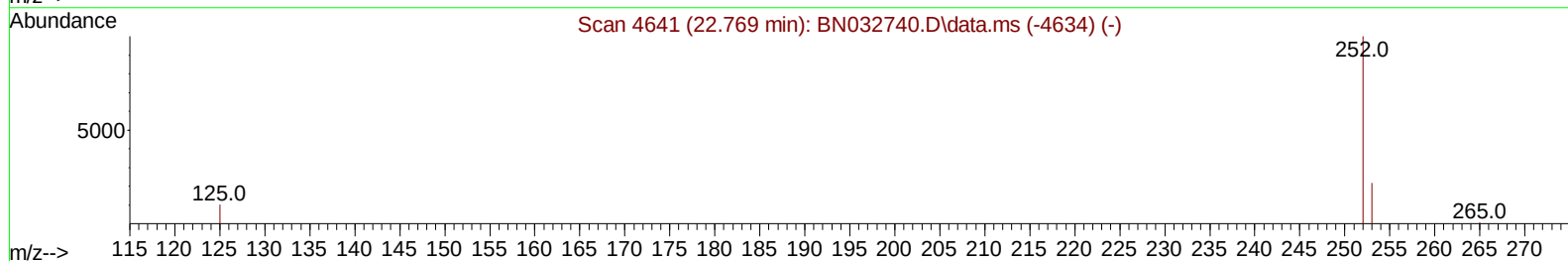
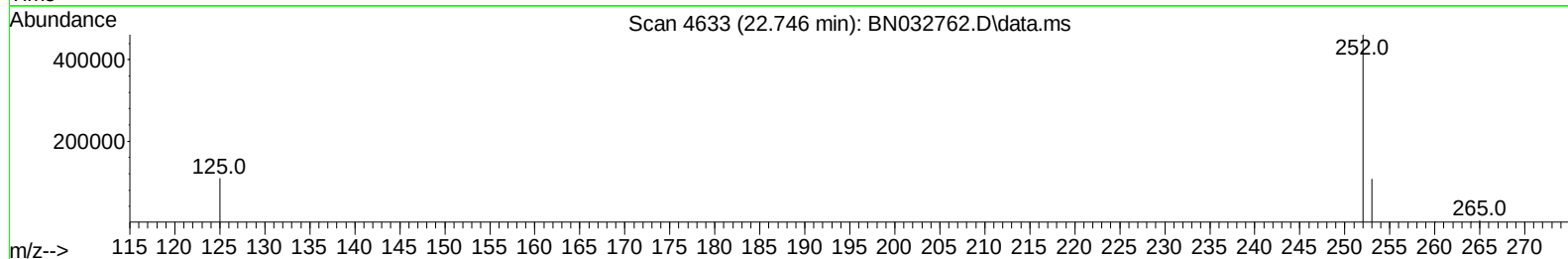
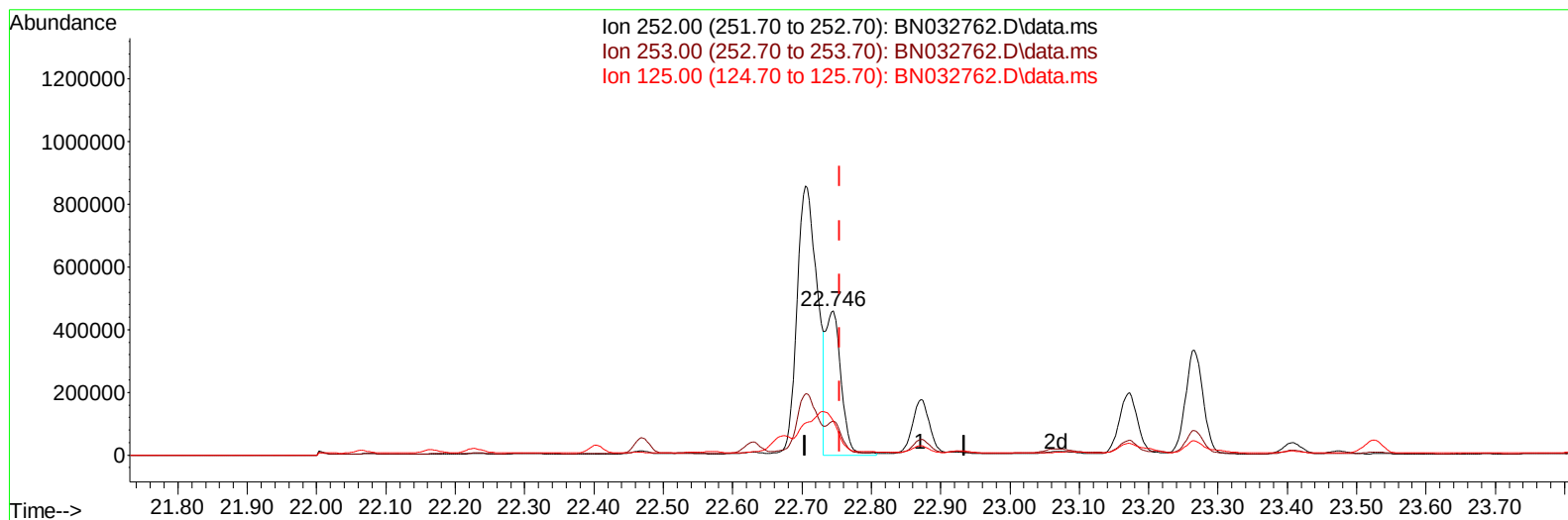
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(25) Benzo(k)fluoranthene

22.746min (-0.009) 6.37 ng/ul m

response 703193

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.51
125.00	18.50	23.52#
0.00	0.00	0.00

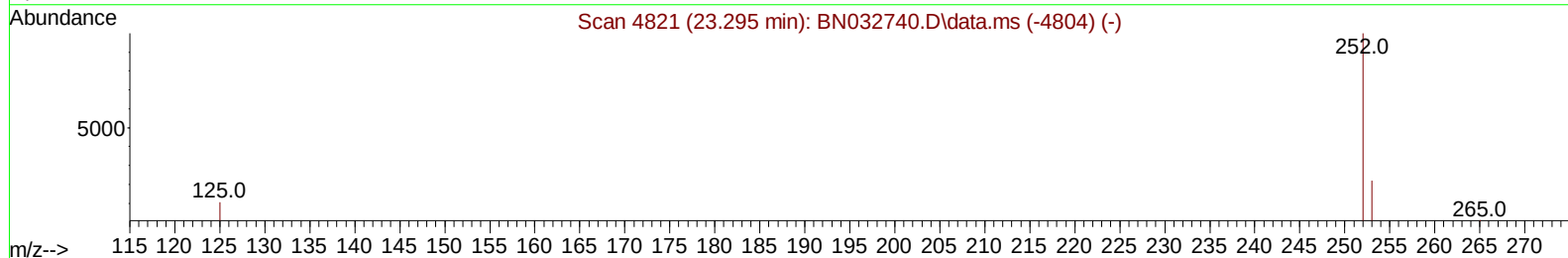
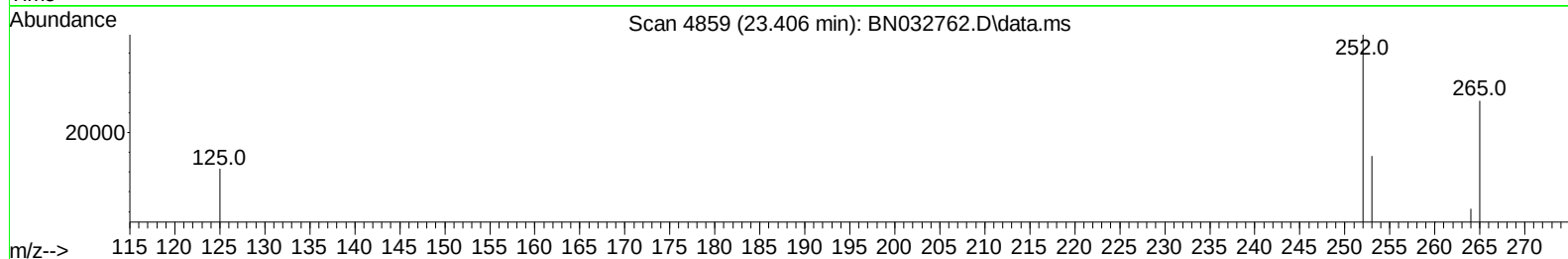
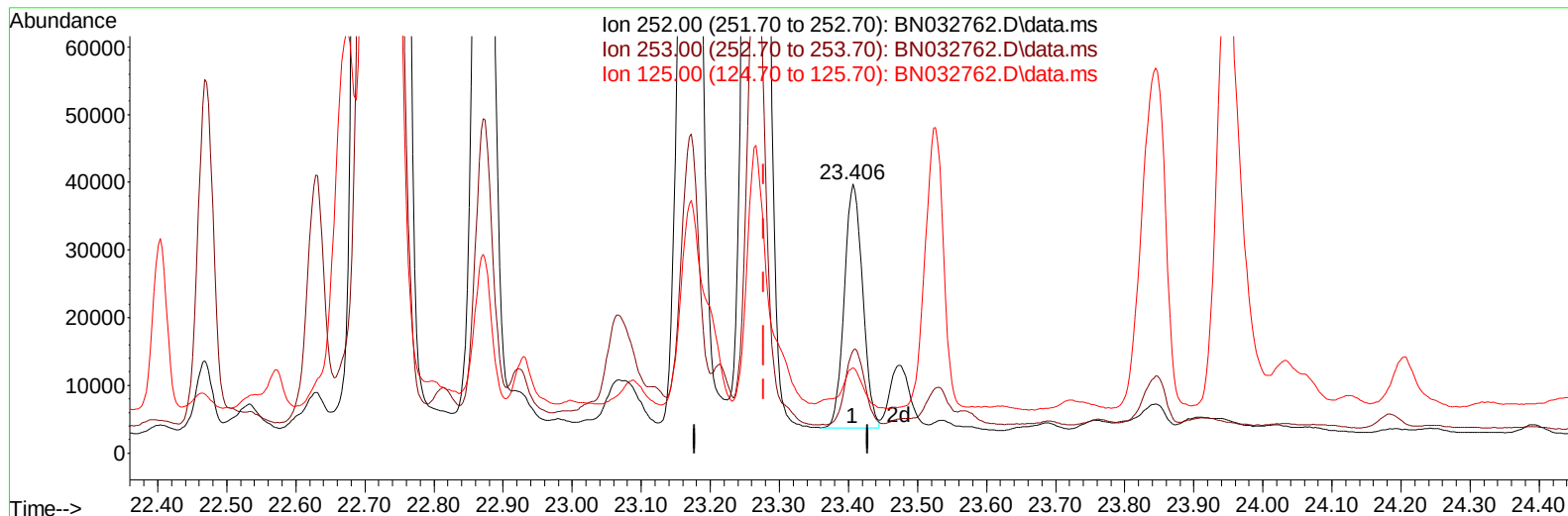
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

(26) Benzo(a)pyrene (C)

23.406min (+ 0.129) 0.85 ng/u1

response 66569

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	38.21#
125.00	25.70	31.84#
0.00	0.00	0.00

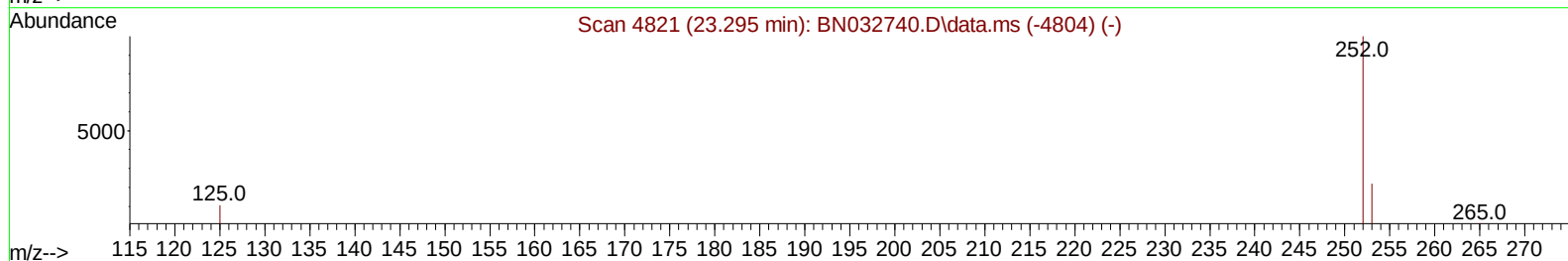
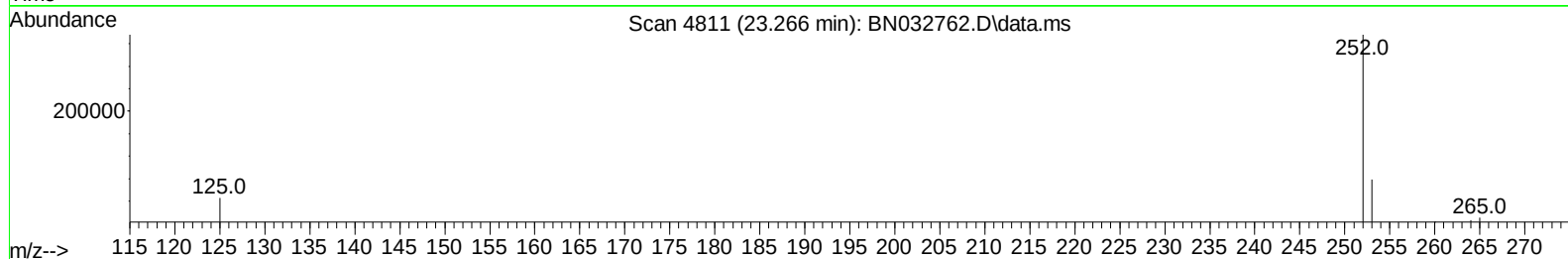
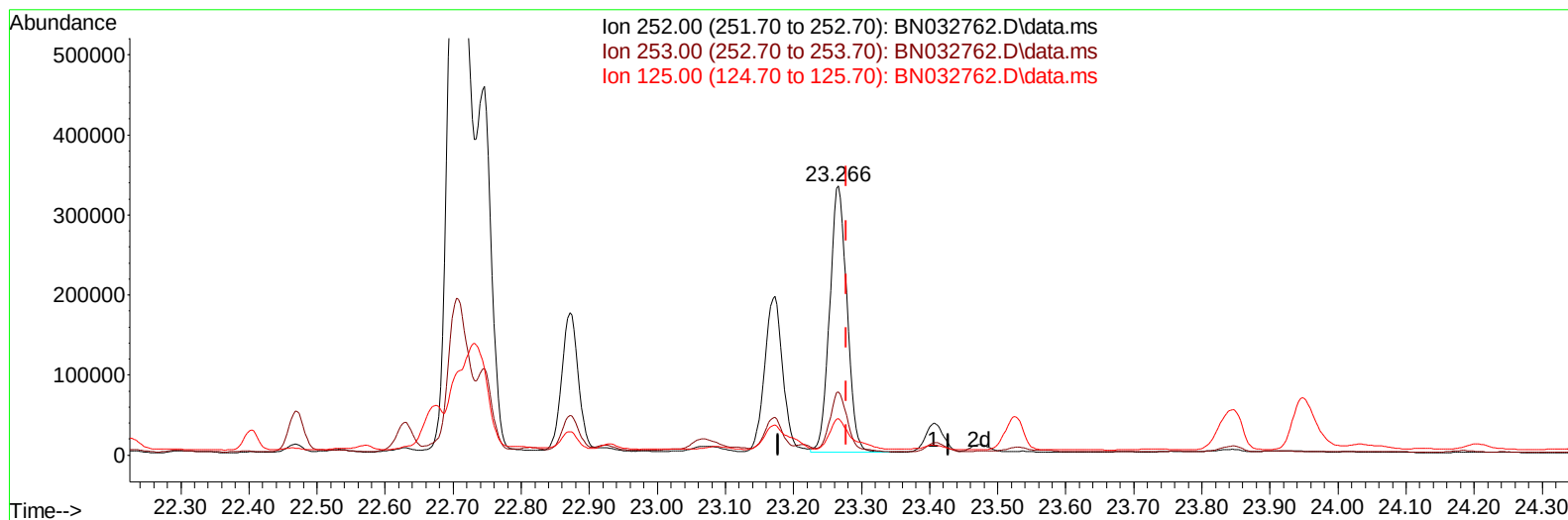
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032762.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (-0.012) 7.55 ng/ul m

response 591954

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.40#
125.00	25.70	13.53#
0.00	0.00	0.00

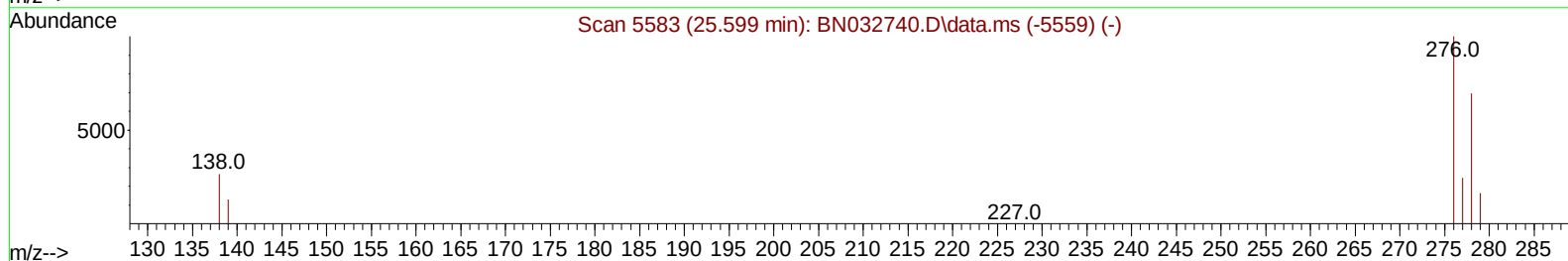
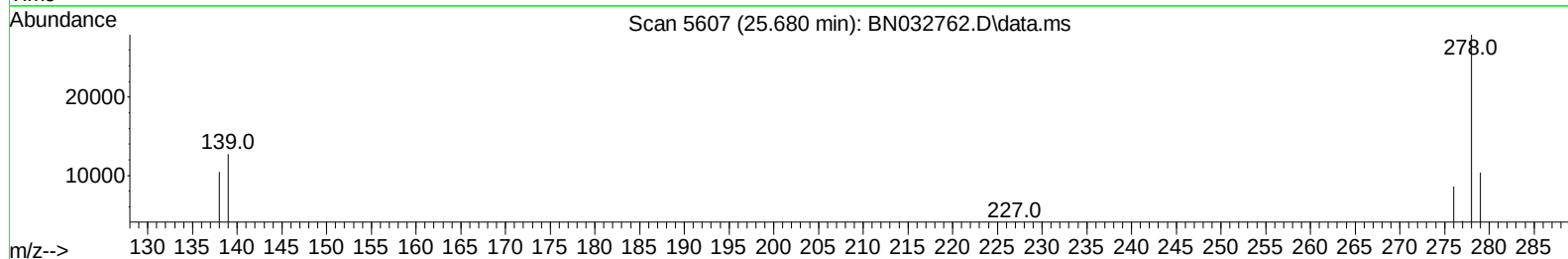
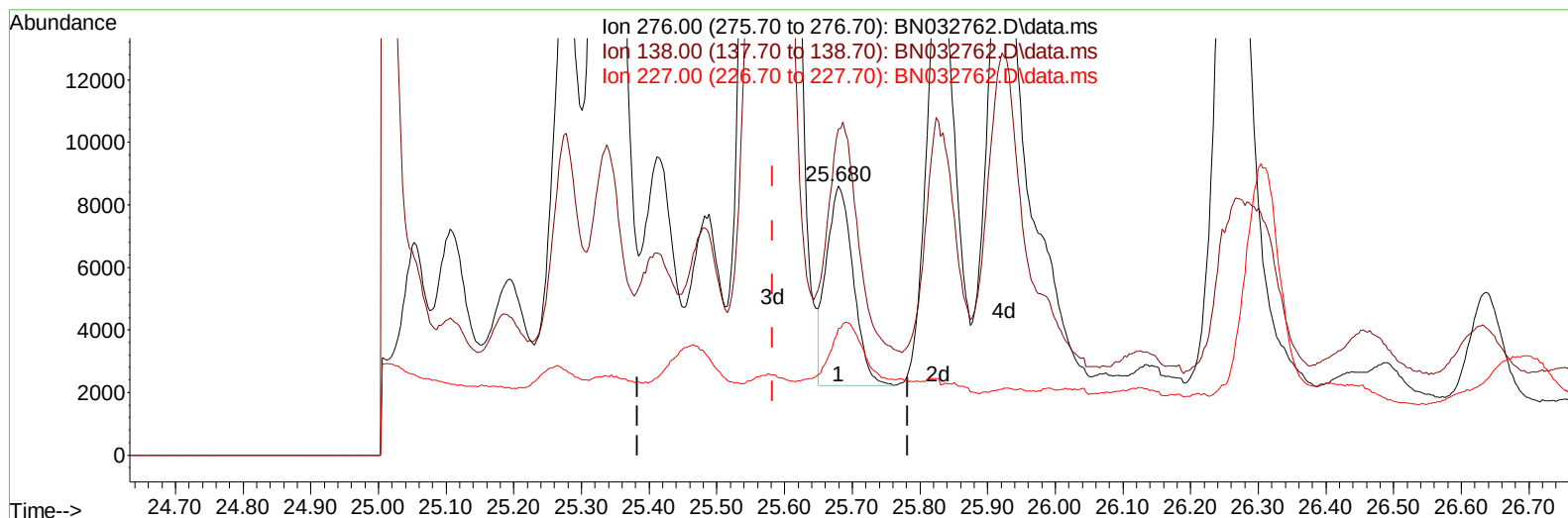
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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



TIC: BN032762.D\data.ms

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

25.680min (+ 0.097) 0.17 ng/u1

response 17594

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	127.42#
227.00	0.00	37.59#
0.00	0.00	0.00

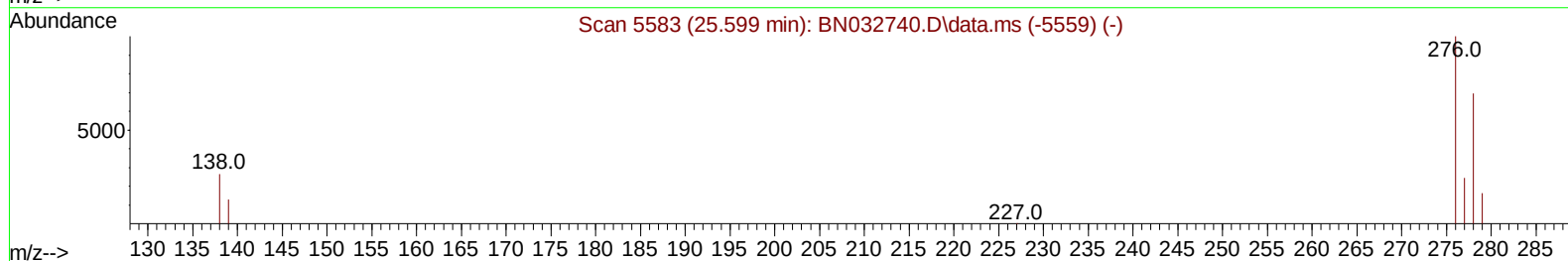
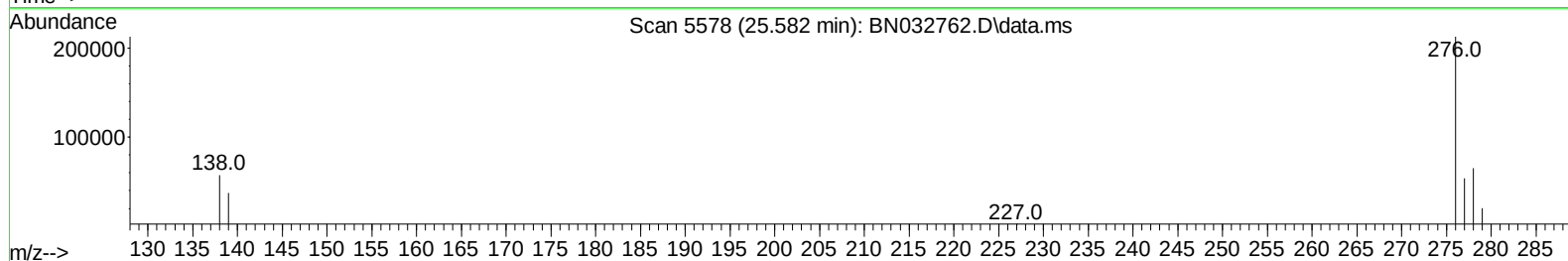
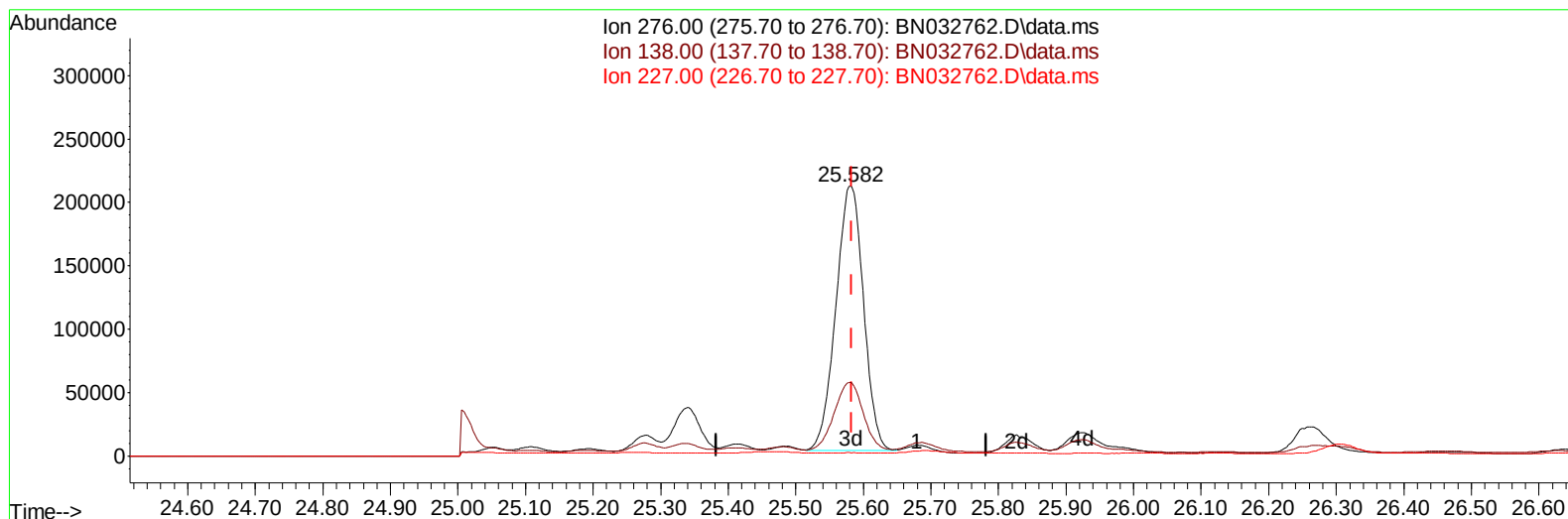
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032762.D\data.ms

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

25.582min (-0.000) 5.58 ng/ul m

response 591626

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.79#
227.00	0.00	1.12#
0.00	0.00	0.00

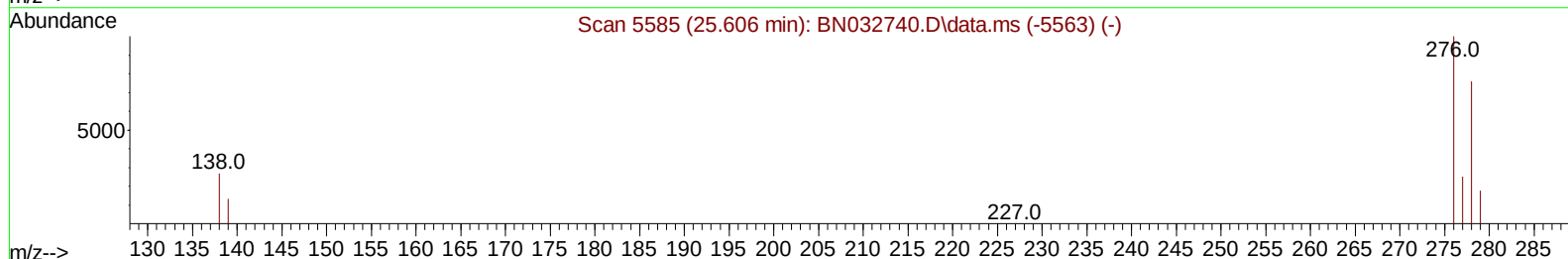
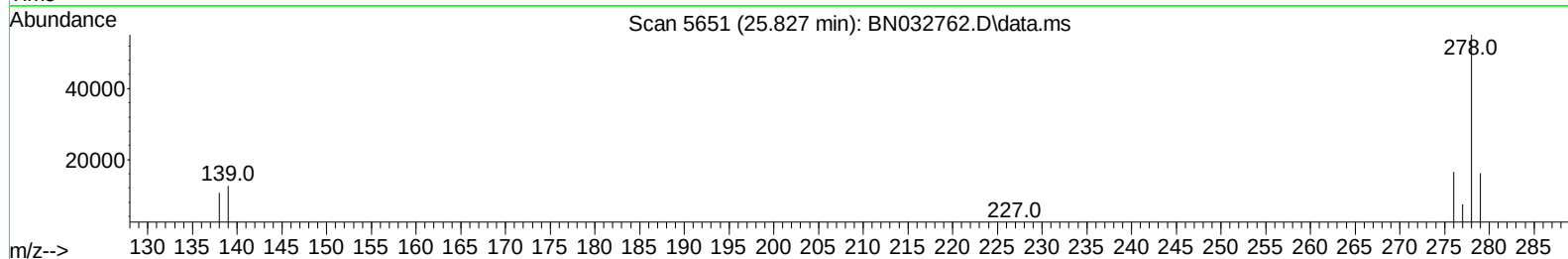
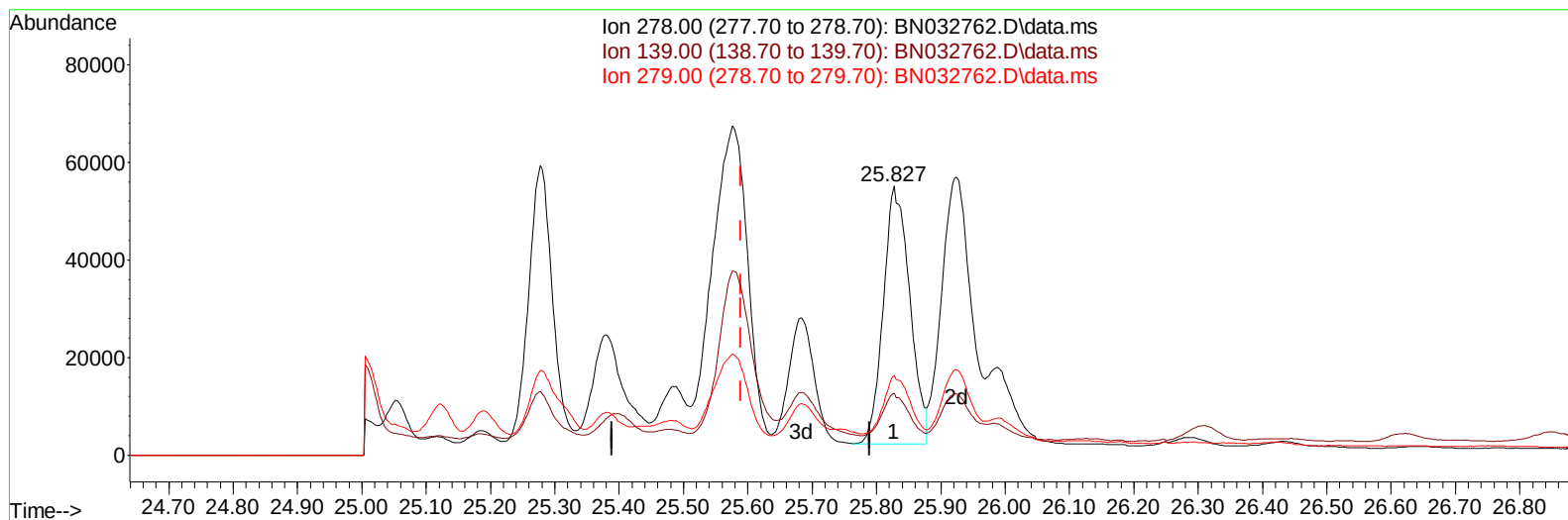
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:57:07 2024
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TIC: BN032762.D\data.ms

(28) Dibenzo(a,h)anthracene

25.827min (+ 0.238) 1.83 ng/u1

response 150606

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.00
279.00	29.60	29.50
0.00	0.00	0.00

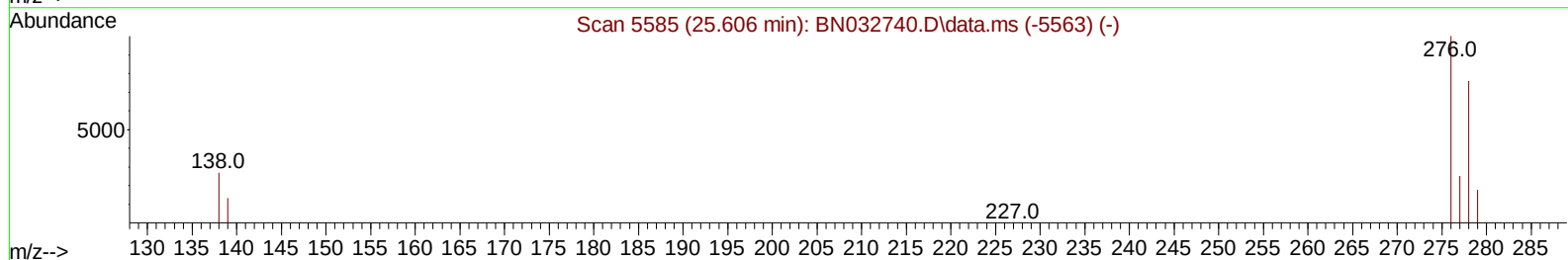
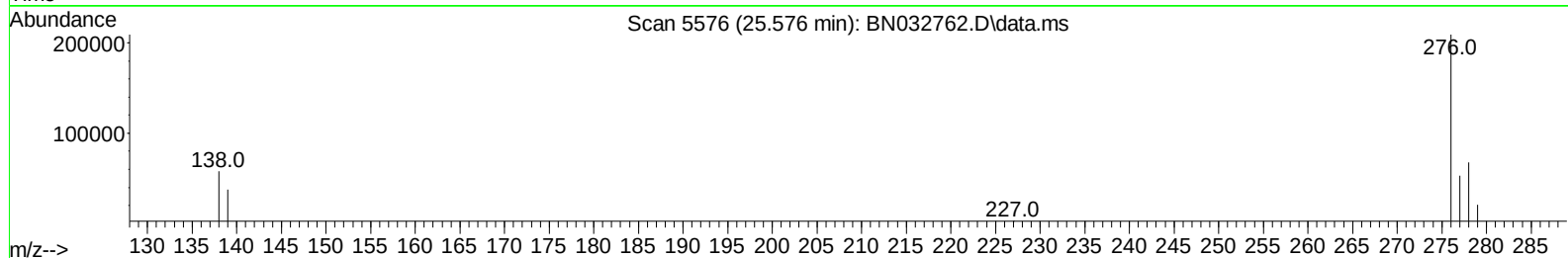
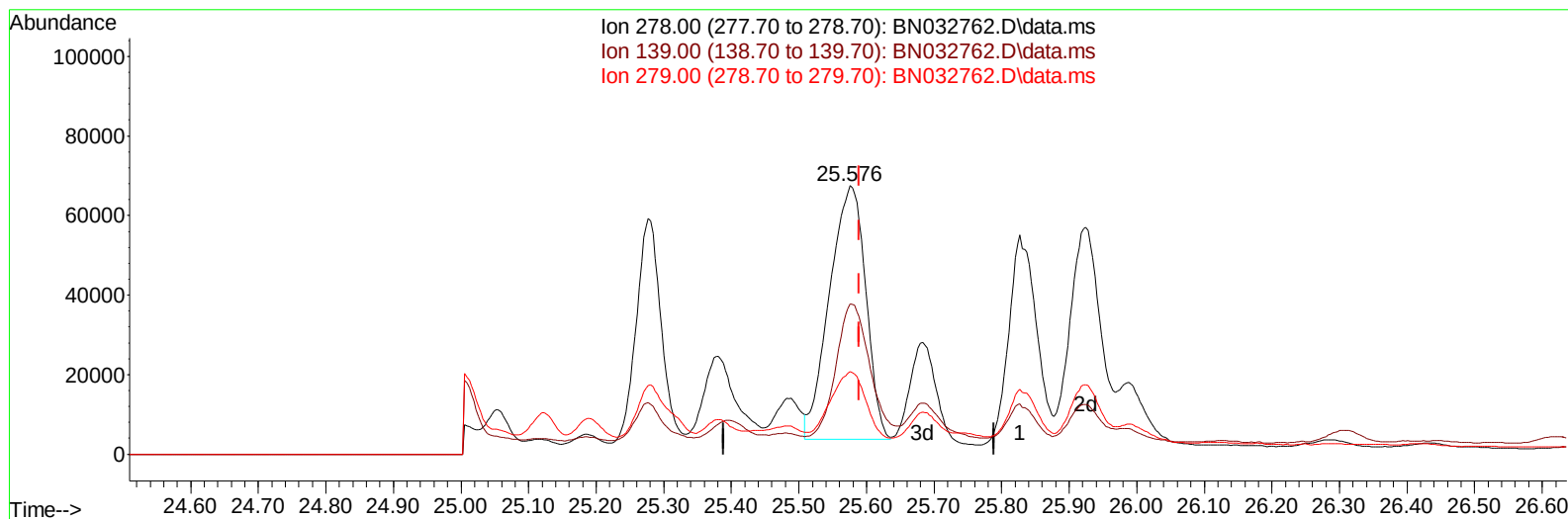
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032762.D\data.ms

(28) Dibenzo(a,h)anthracene

25.576min (-0.014) 2.88 ng/ul m

response 237115

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	56.04#
279.00	29.60	30.77
0.00	0.00	0.00

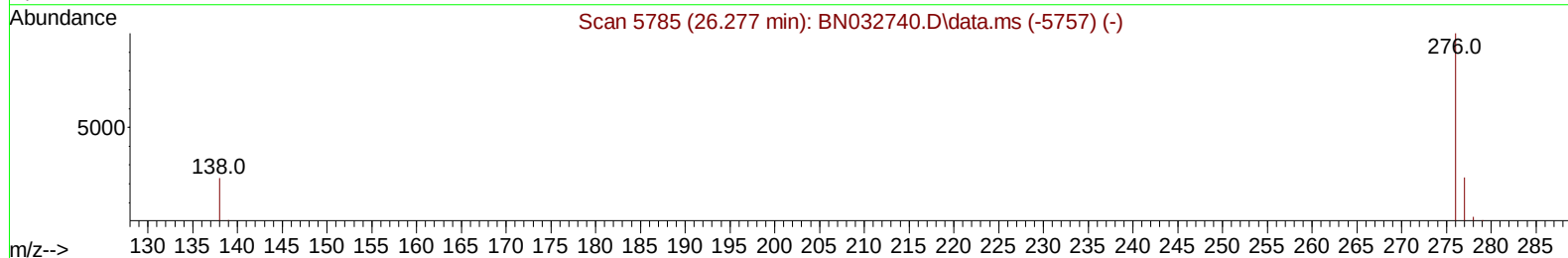
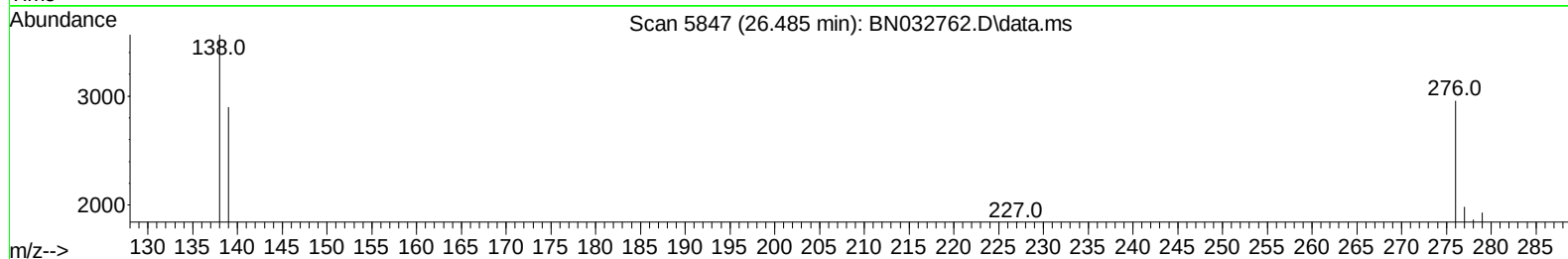
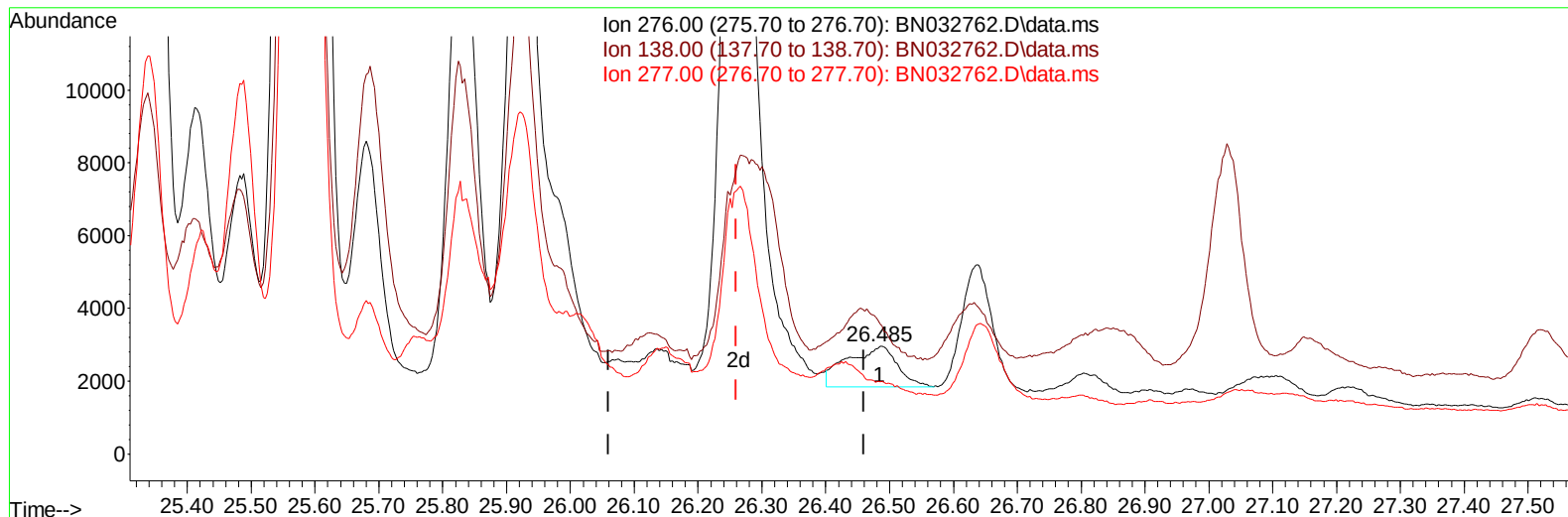
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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TIC: BN032762.D\data.ms

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

26.485min (+ 0.225) 0.07 ng/u1

response 6103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	120.45#
277.00	25.80	67.12#
0.00	0.00	0.00

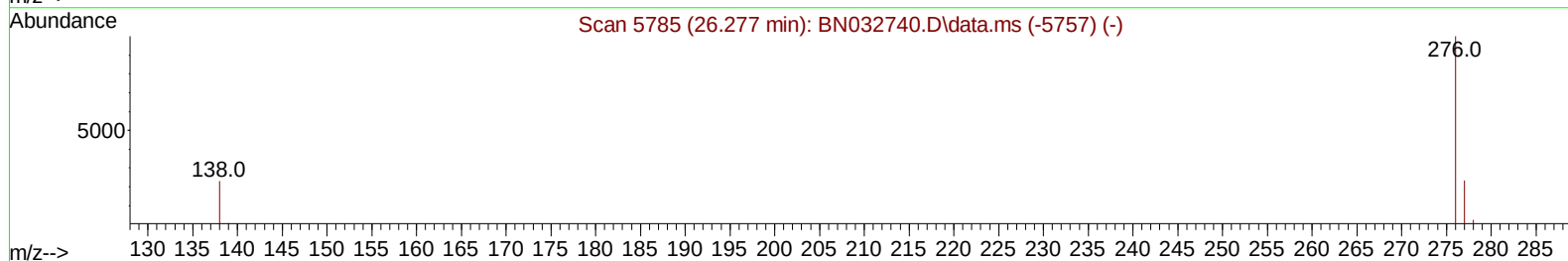
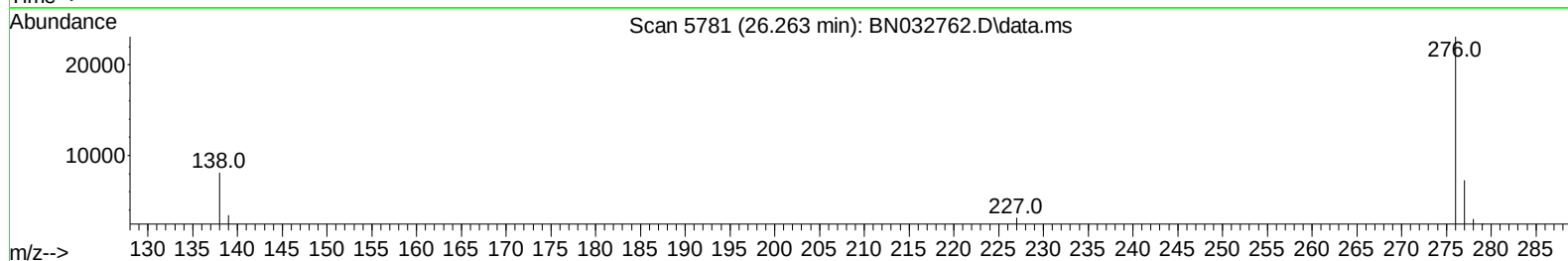
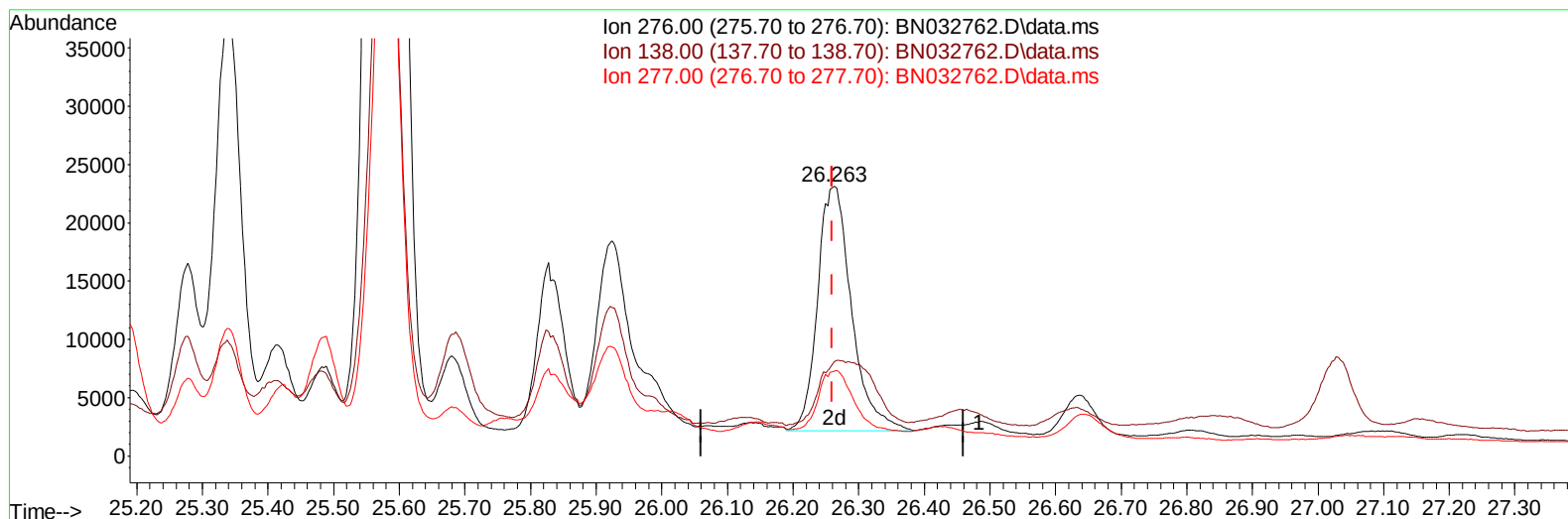
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032762.D
 Acq On : 17 Jul 2024 04:32
 Operator : MA/JU
 Sample : P3100-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:57:07 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 : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032762.D\data.ms

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

26.263min (+ 0.003) 0.85 ng/ul m

response 75264

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	34.93#
277.00	25.80	31.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032762.D
 Acq On : 17 Jul 2024 04:32
 Operator : MA/JU
 Sample : P3100-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5544	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	18423	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	11439	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	21687m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	16395m	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	25665m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	39591	5.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	7945	0.285	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	19739m	0.369	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.360	128	67445	1.363	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	36026	1.167	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	33449	1.047	ng/ul	99
10) Acenaphthylene	13.911	152	207600	4.492	ng/ul	99
11) Acenaphthene	14.253	153	32348	0.846	ng/ul	99
12) Fluorene	15.248	166	39243	0.898	ng/ul#	99
15) Phenanthrene	16.991	178	957751m	16.216	ng/ul	
16) Anthracene	17.084	178	255782m	5.301	ng/ul	
19) Fluoranthene	19.022	202	2385554m	35.788	ng/ul	
20) Pyrene	19.389	202	1732006m	25.103	ng/ul	
21) Benzo(a)anthracene	21.147	228	957013m	18.338	ng/ul	
22) Chrysene	21.200	228	1215039m	16.094	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1758776m	19.422	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	703193m	6.372	ng/ul	
26) Benzo(a)pyrene	23.266	252	591954m	7.554	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.582	276	591626m	5.575	ng/ul	
28) Dibenzo(a,h)anthracene	25.576	278	237115m	2.883	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	75264m	0.849	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D33

Manual IntegrationsAPPROVED

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